

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038969.D
 Acq On : 7 Jan 2019 16:35
 Operator : JU/SJ
 Sample : PB116197BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Manual Integrations
 APPROVED

Sohil
 1/8/2019 4:49:11 PM

Quant Time: Jan 08 03:22:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26423	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	107468	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73114	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	186284	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192391	20.00	ng	-0.01
87) Perylene-d12	25.00	264	181101	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182191	122.30	ng	0.00
7) Phenol-d6	7.21	99	248772	121.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	126889	60.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	135572	134.54	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	344180	64.58	ng	-0.01
79) Terphenyl-d14	20.03	244	698374	79.00	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	32786	47.287 ng	97
3) Pyridine	3.88	79	57033	29.877 ng	96
4) n-Nitrosodimethylamine	3.81	42	34463	36.845 ng	# 91
6) Aniline	7.38	93	80417	30.802 ng	96
8) 2-Chlorophenol	7.61	128	76880	44.594 ng	96
9) Benzaldehyde	7.19	77	13468	10.151 ng	96
10) Phenol	7.24	94	97575	44.908 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	61955	35.815 ng	94
12) 1,3-Dichlorobenzene	7.93	146	79571	39.036 ng	96
13) 1,4-Dichlorobenzene	8.08	146	80427	38.525 ng	98
14) 1,2-Dichlorobenzene	8.40	146	77093	39.171 ng	97
15) Benzyl Alcohol	8.29	79	70134	43.935 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	131243	33.120 ng	98
17) 2-Methylphenol	8.49	107	66802	45.889 ng	95
18) Hexachloroethane	9.12	117	28319	37.122 ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	53136	36.993 ng	94
20) 3+4-Methylphenols	8.82	107	92336	45.929 ng	95
22) Acetophenone	8.88	105	109809	40.907 ng	# 93
24) Nitrobenzene	9.27	77	81799	38.438 ng	97
25) Isophorone	9.78	82	154296	40.823 ng	98
26) 2-Nitrophenol	9.97	139	44840	41.168 ng	96
27) 2,4-Dimethylphenol	10.03	122	79398	50.864 ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	88486	41.485 ng	98
29) 2,4-Dichlorophenol	10.51	162	86741	49.949 ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	88910	42.386 ng	99
31) Naphthalene	10.91	128	234969	44.375 ng	99
32) Benzoic acid	10.19	122	46505m	47.135 ng	
33) 4-Chloroaniline	11.03	127	68235	29.682 ng	95
34) Hexachlorobutadiene	11.17	225	60114	42.353 ng	97
35) Caprolactam	11.82	113	29443m	40.969 ng	
36) 4-Chloro-3-methylphenol	12.15	107	87347	44.076 ng	94
37) 2-Methylnaphthalene	12.51	142	182209	48.235 ng	98
38) 1-Methylnaphthalene	12.74	142	171610	46.816 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	111948	40.962 ng	98

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Manual Integrations
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 1/8/2019 4:49:11 PM

Quant Time: Jan 08 03:22:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	130932	87.202	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	78298	46.595	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	84443	47.462	ng	97
46) 1,1'-Biphenyl	13.52	154	237880	38.810	ng	98
47) 2-Chloronaphthalene	13.56	162	191722	40.494	ng	97
48) 2-Nitroaniline	13.78	65	60603	40.186	ng	92
49) Acenaphthylene	14.41	152	316428	44.706	ng	99
50) Dimethylphthalate	14.13	163	254940	42.698	ng	100
51) 2,6-Dinitrotoluene	14.27	165	57628	42.591	ng	91
52) Acenaphthene	14.75	154	178242	42.114	ng	98
53) 3-Nitroaniline	14.61	138	43577	31.594	ng	87
54) 2,4-Dinitrophenol	14.82	184	72021	88.845	ng	98
55) Dibenzofuran	15.08	168	312189	43.031	ng	97
56) 4-Nitrophenol	14.92	139	87359	83.488	ng	96
57) 2,4-Dinitrotoluene	15.06	165	82666	43.377	ng	92
58) Fluorene	15.73	166	248633	46.257	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78847	49.258	ng	97
60) Diethylphthalate	15.49	149	263782	40.244	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	142343	42.444	ng	97
62) 4-Nitroaniline	15.77	138	61246	43.131	ng	98
63) Azobenzene	16.01	77	210638	38.469	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	54423	40.955	ng	93
66) n-Nitrosodiphenylamine	15.94	169	228972	41.833	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	95941	42.171	ng	98
68) Hexachlorobenzene	16.73	284	101735	43.138	ng	95
69) Atrazine	16.88	200	94026	46.290	ng	96
70) Pentachlorophenol	17.08	266	108490	77.774	ng	97
71) Phenanthrene	17.48	178	432141	44.735	ng	98
72) Anthracene	17.57	178	434623	45.575	ng	99
73) Carbazole	17.84	167	384966	40.817	ng	99
74) Di-n-butylphthalate	18.37	149	449583	41.543	ng	99
75) Fluoranthene	19.48	202	537708	44.988	ng	98
77) Benzidine	19.67	184	201779	35.463	ng	99
78) Pyrene	19.84	202	533890	42.006	ng	99
80) Butylbenzylphthalate	20.71	149	205893	41.464	ng	94
81) Benzo(a)anthracene	21.69	228	525877	44.857	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	142783	30.709	ng	97
83) Chrysene	21.76	228	482407	42.722	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	285941	40.602	ng	98
85) Di-n-octyl phthalate	22.78	149	483988	41.035	ng	# 97
86) Indeno(1,2,3-cd)pyrene	28.78	276	575548	43.354	ng	# 93
88) Benzo(b)fluoranthene	23.95	252	506166	50.906	ng	# 99
89) Benzo(k)fluoranthene	24.02	252	498121	50.309	ng	# 98
90) Benzo(a)pyrene	24.85	252	494636	51.564	ng	# 98
91) Dibenzo(a,h)anthracene	28.84	278	475995	49.837	ng	98
92) Benzo(g,h,i)perylene	29.97	276	478385	50.824	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

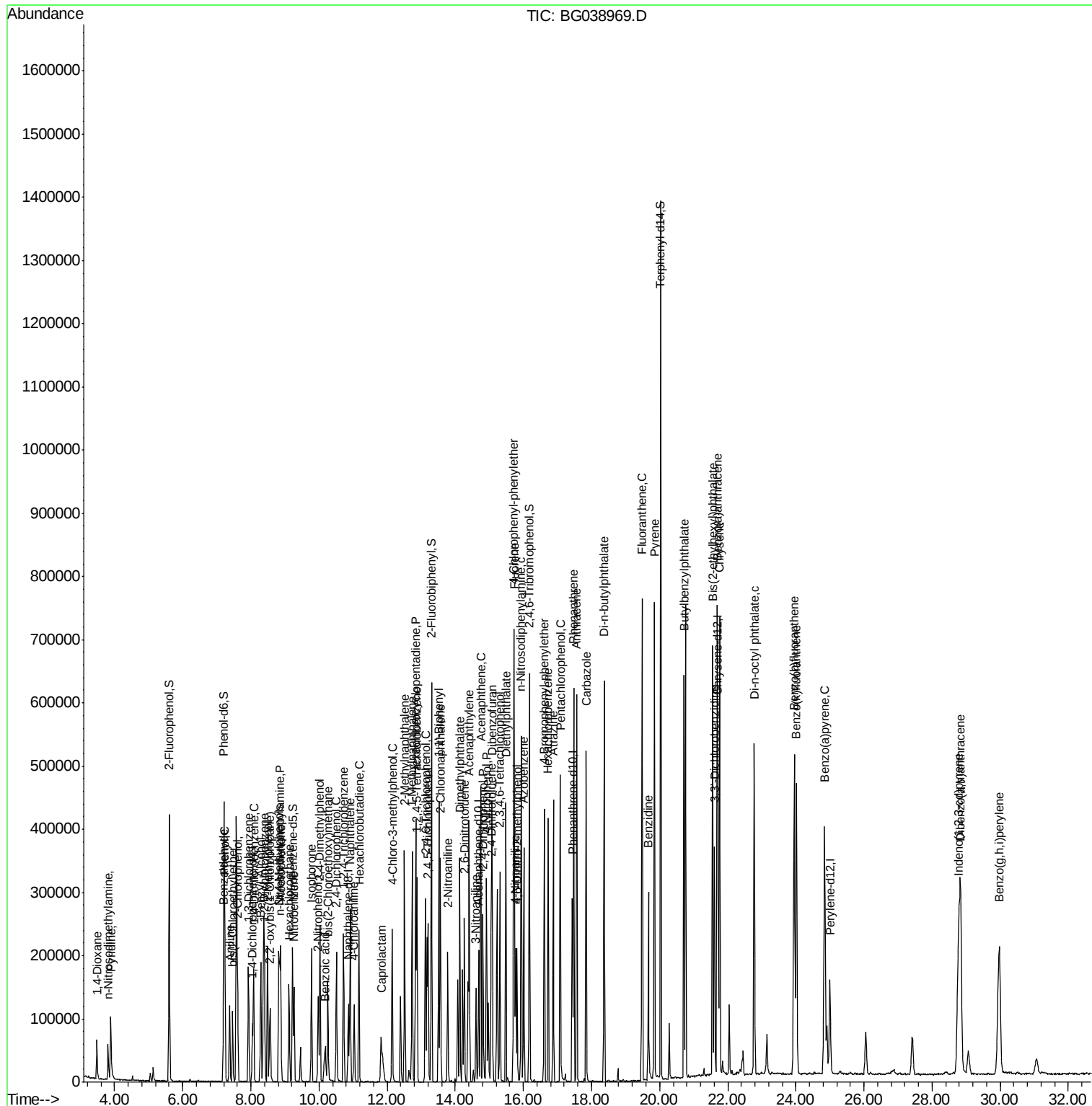
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\  
Data File : BG038969.D  
Acq On    : 7 Jan 2019 16:35  
Operator  : JU/SJ  
Sample    : PB116197BSD  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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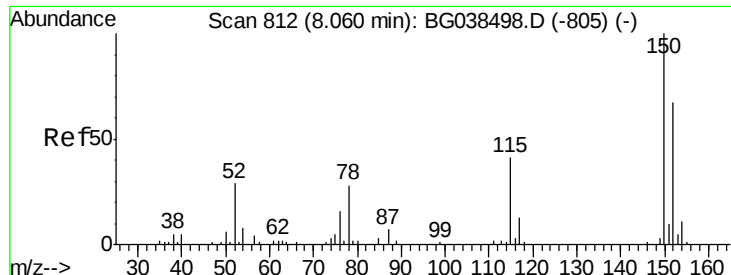
Instrument :
BNA_G
ClientSampleId :
PB116197BSD

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QLast Update : Wed Dec 12 15:26:27 2018
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#1

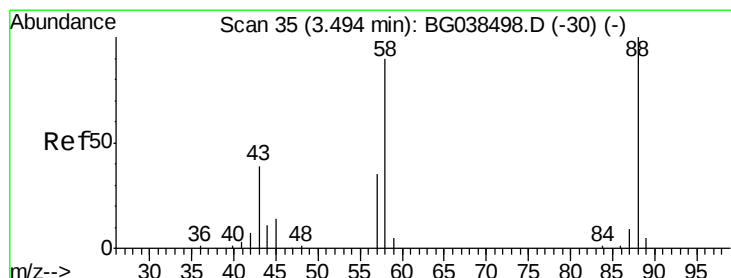
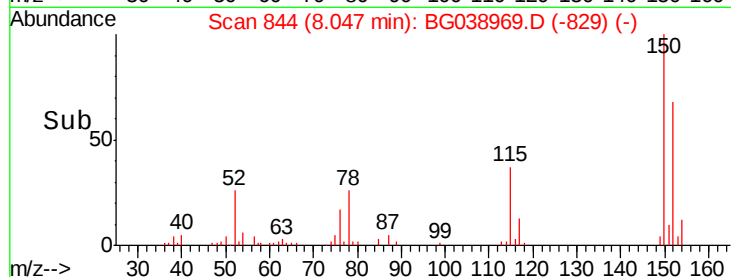
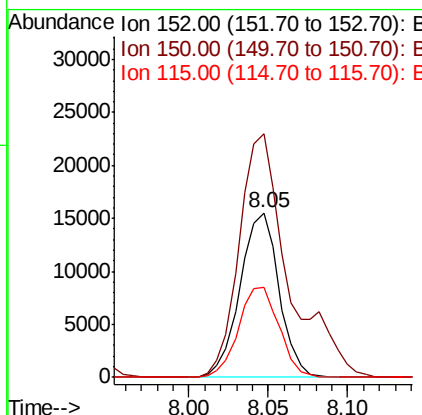
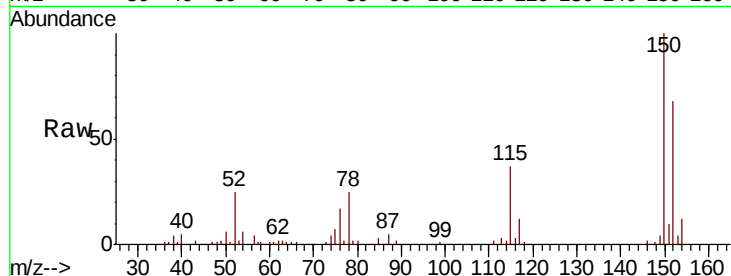
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	54.3	49.6	74.4

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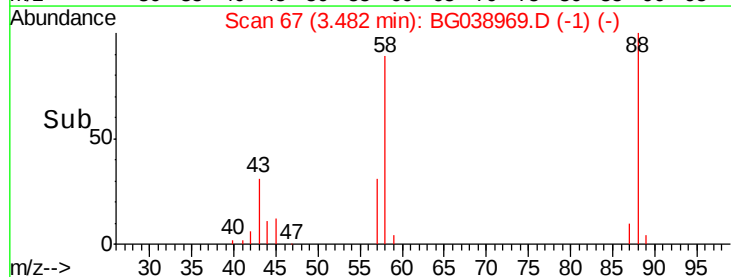
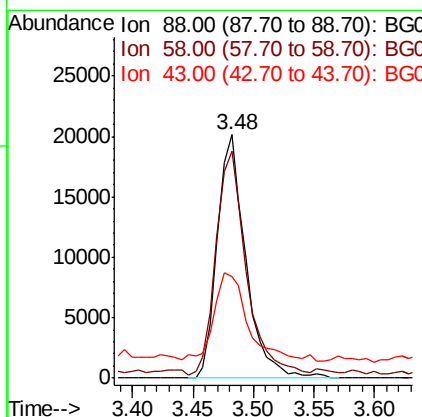
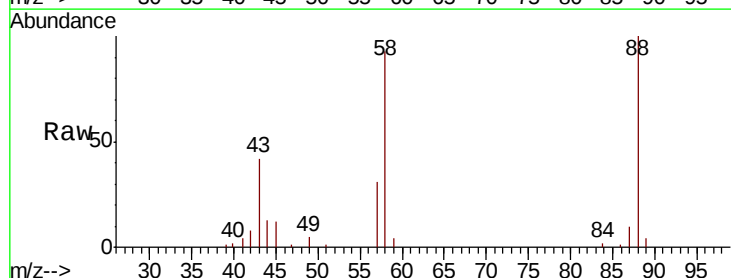
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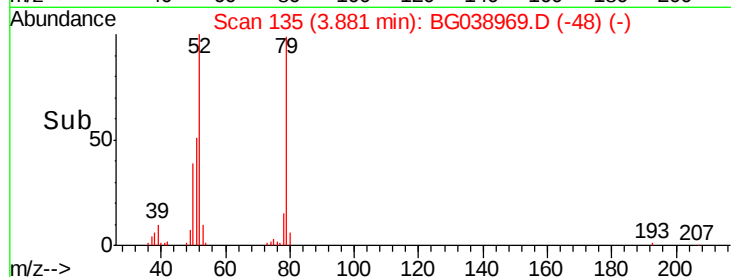
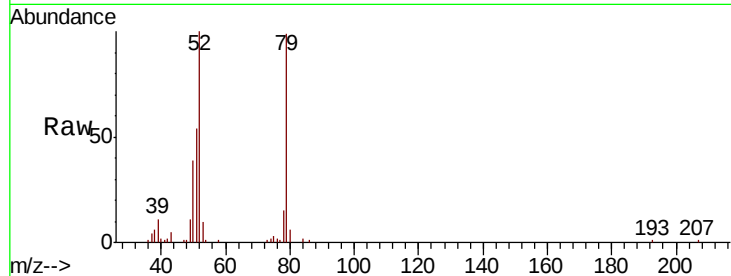
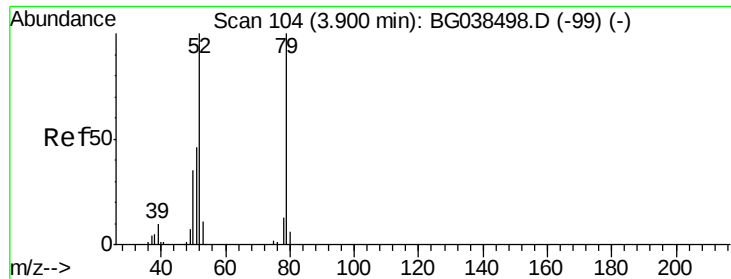


#2

1,4-Dioxane
Concen: 47.287 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.1	75.7	113.5
43	42.5	31.6	47.4





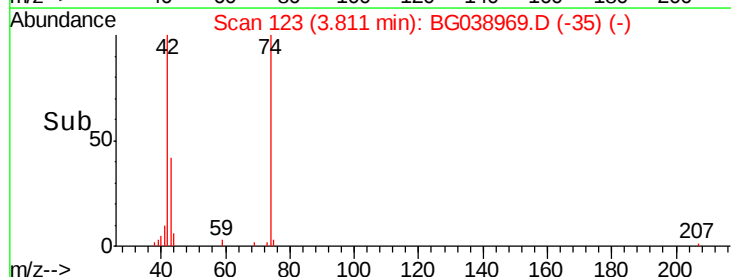
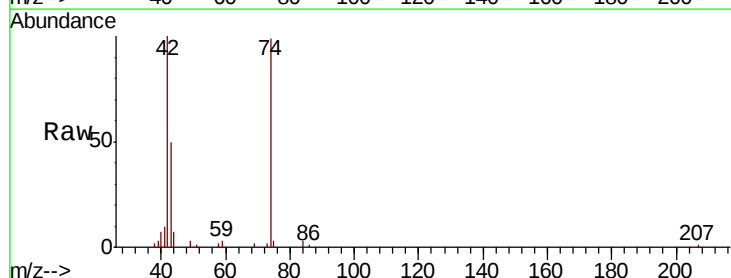
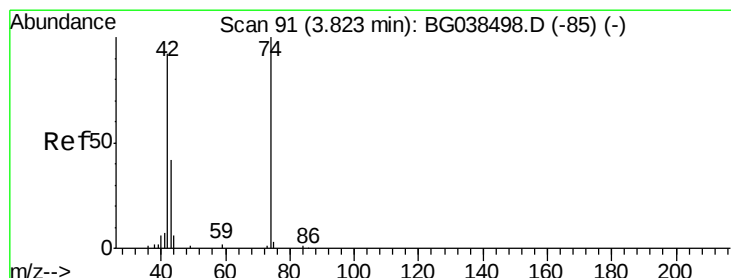
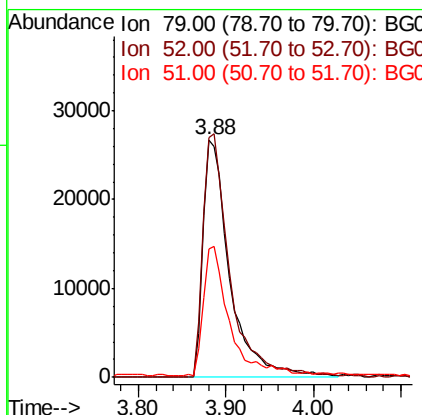
#3
 Pvridine
 Concen: 29.877 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.0	80.2	120.2
51	54.0	38.0	57.0

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

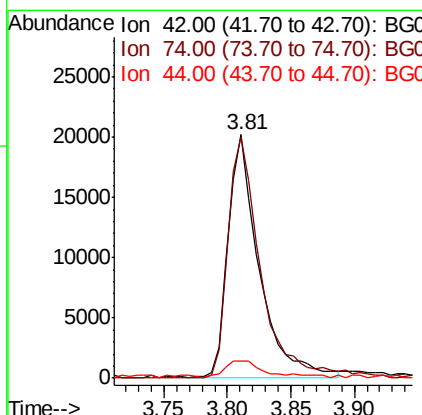
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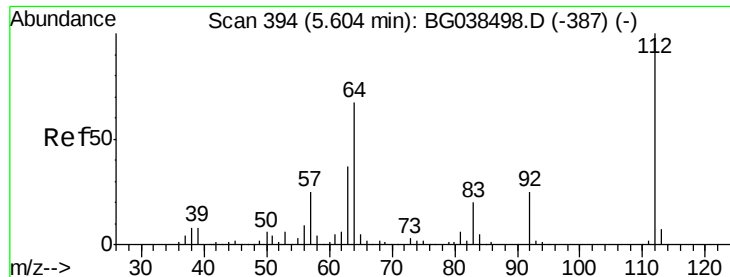
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#4
 n-Nitrosodimethylamine
 Concen: 36.845 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.8	86.7	130.1
44	6.9	7.8	11.8#





#5

2-Fluorophenol

Concen: 122.296 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

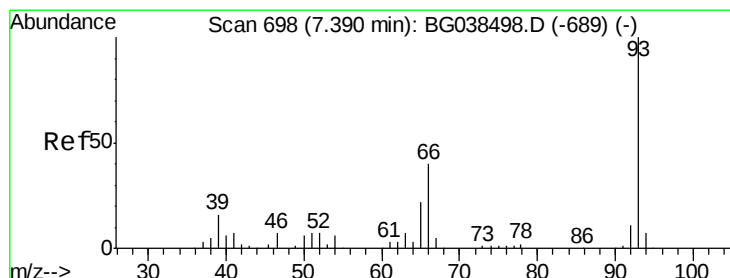
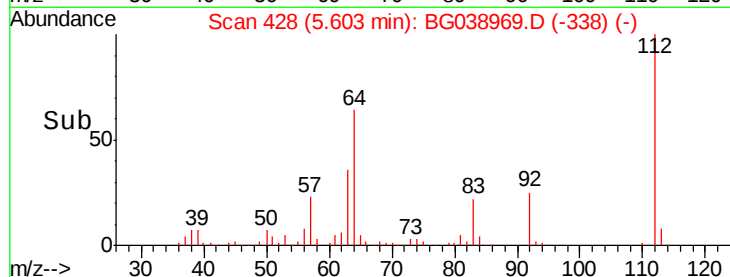
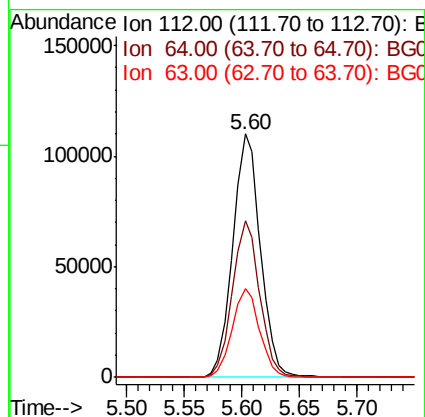
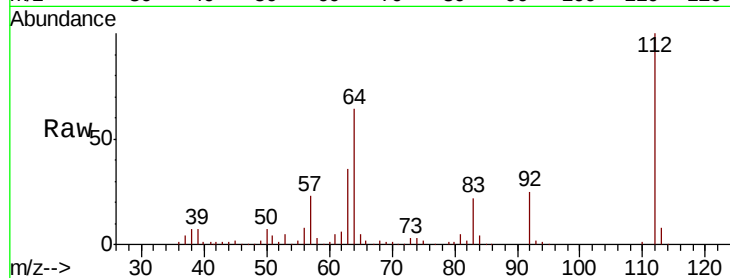
ClientSampleId :

PB116197BSD

Tot Ion:	112	Resp:	182191
Ion Ratio	Lower	Upper	
112	100		
64	64.2	53.4	80.2
63	36.2	29.3	43.9

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#6

Aniline

Concen: 30.802 ng

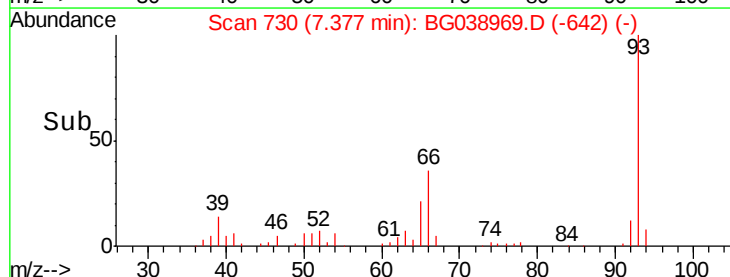
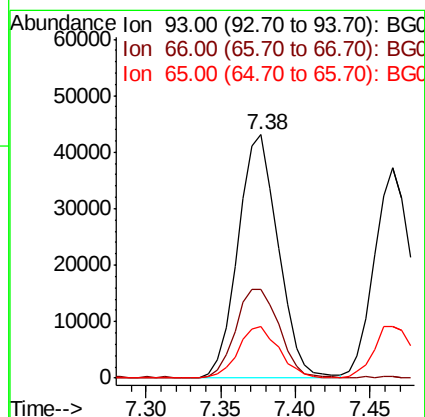
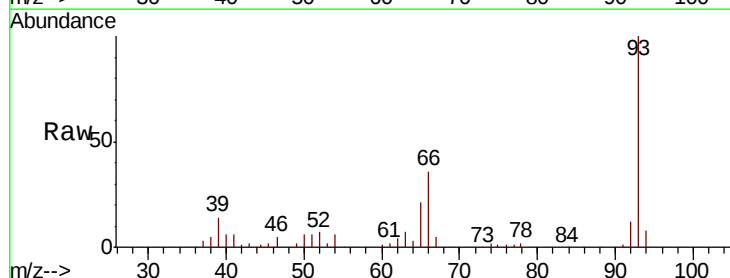
RT: 7.38 min Scan# 730

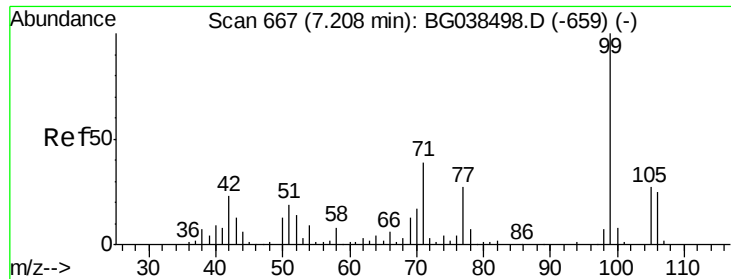
Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	93	Resp:	80417
Ion Ratio	Lower	Upper	
93	100		
66	36.4	31.7	47.5
65	21.3	17.8	26.6





#7

Phenol-d6

Concen: 121.641 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

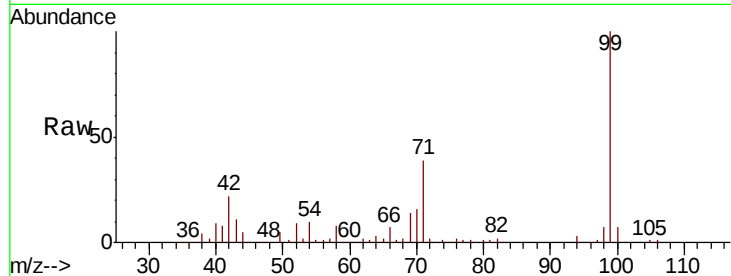
ClientSampleId :

PB116197BSD

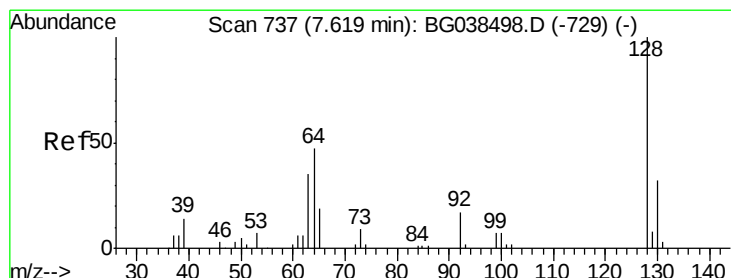
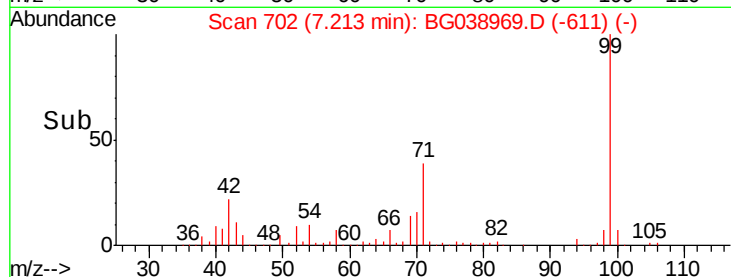
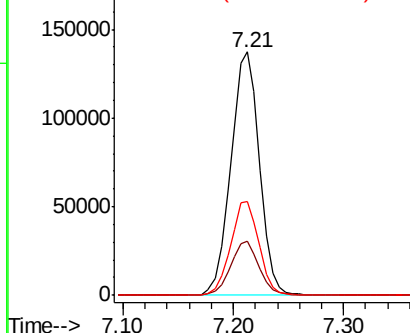
Tot Ion:	99	Resp:	248772
Ion Ratio	Lower	Upper	
99	100		
42	22.4	18.5	27.7
71	38.7	31.1	46.7

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.594 ng

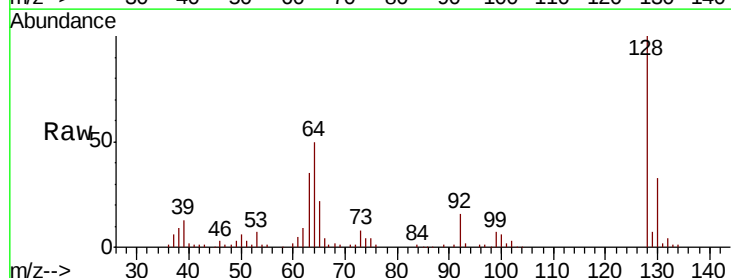
RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

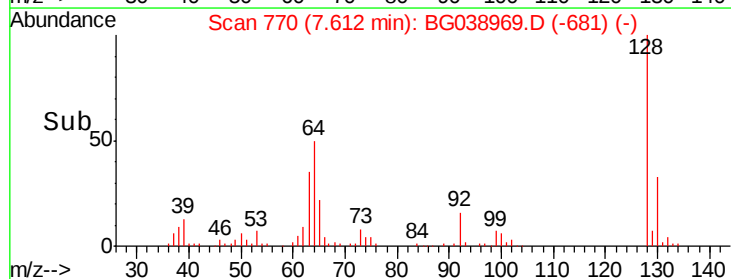
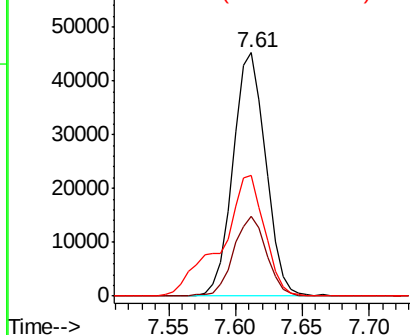
Lab File: BG038969.D

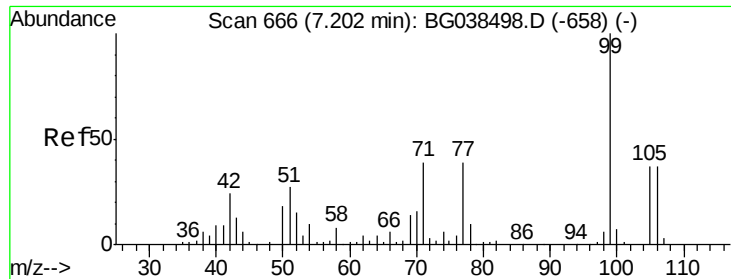
Acq: 7 Jan 2019 16:35

Tgt Ion:	128	Resp:	76880
Ion Ratio	Lower	Upper	
128	100		
130	32.6	11.8	51.8
64	49.7	33.2	73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.151 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

PB116197BSD

Tot Ion: 77 Resp: 13468

Ion Ratio Lower Upper

77 100

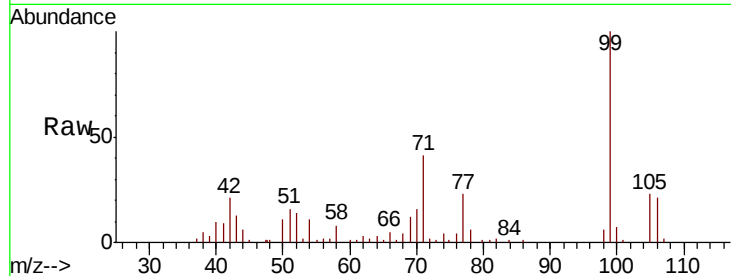
105 101.5 74.0 114.0

106 92.8 73.9 113.9

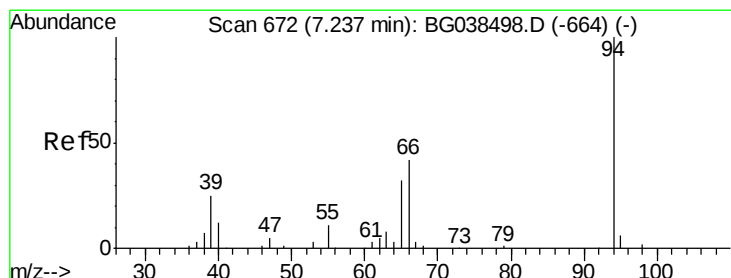
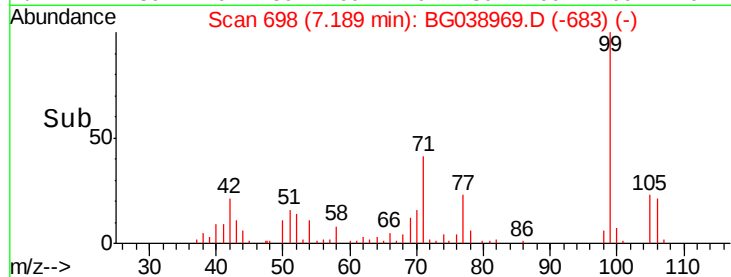
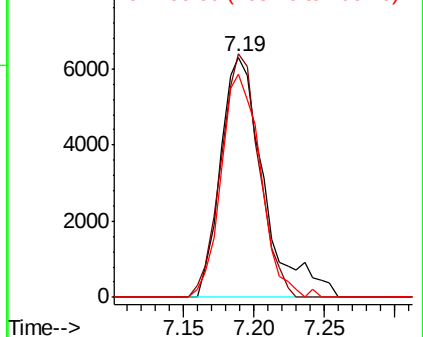
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.908 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

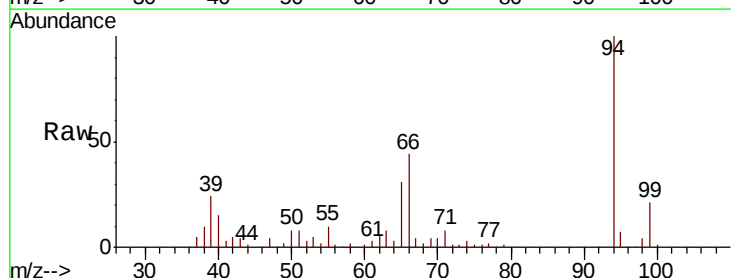
Tgt Ion: 94 Resp: 97575

Ion Ratio Lower Upper

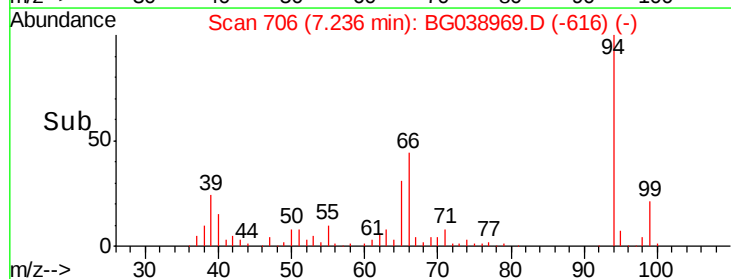
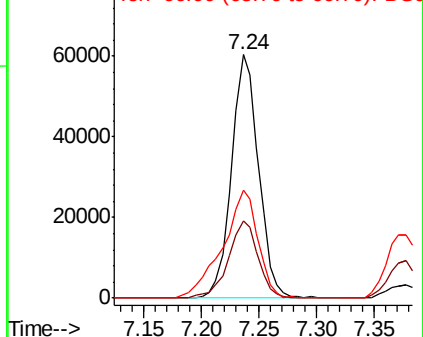
94 100

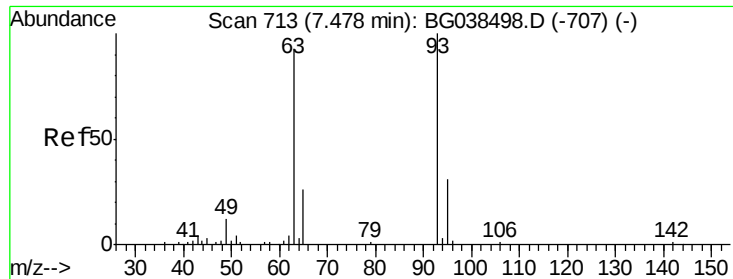
65 31.5 12.6 52.6

66 44.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

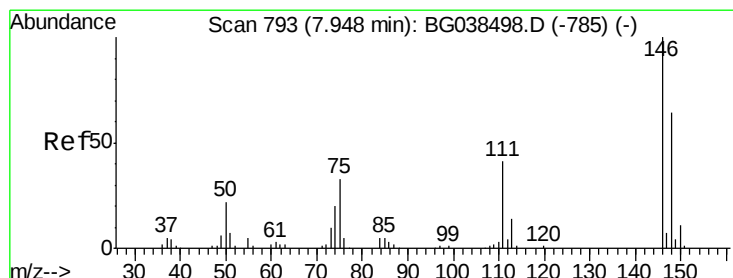
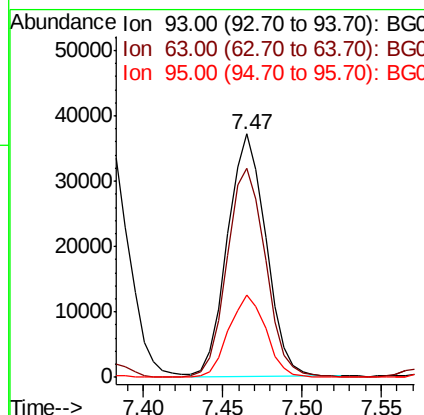
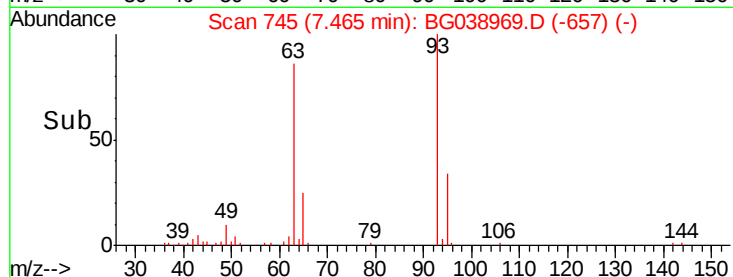
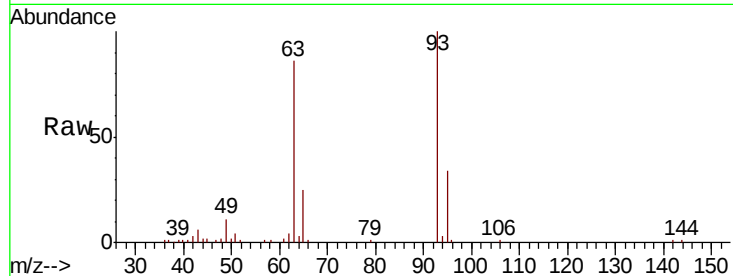
bis(2-Chloroethyl)ether
Concen: 35.815 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	72.2	112.2
95	33.9	11.2	51.2

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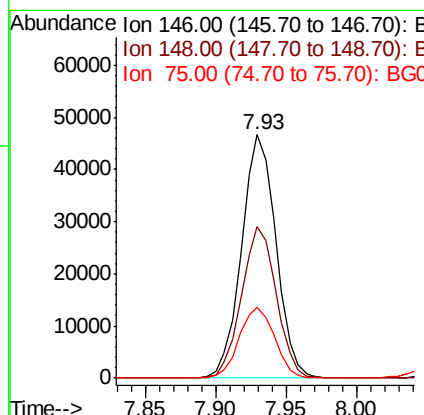
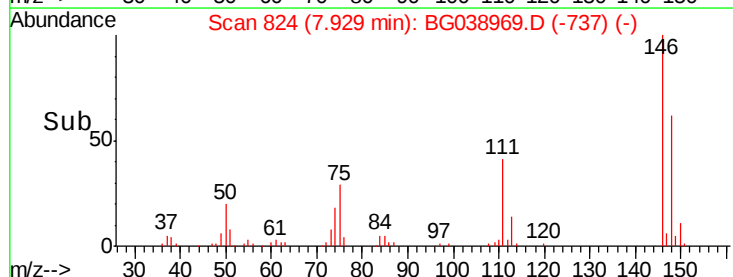
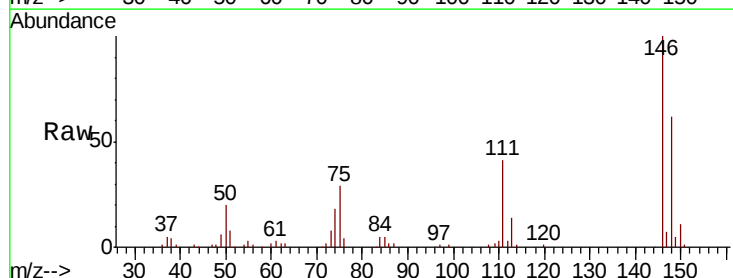
Sohil
1/8/2019 4:49:11 PM

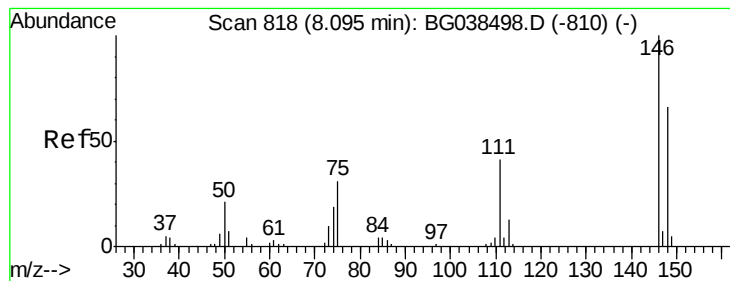


#12

1,3-Dichlorobenzene
Concen: 39.036 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
75	29.0	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

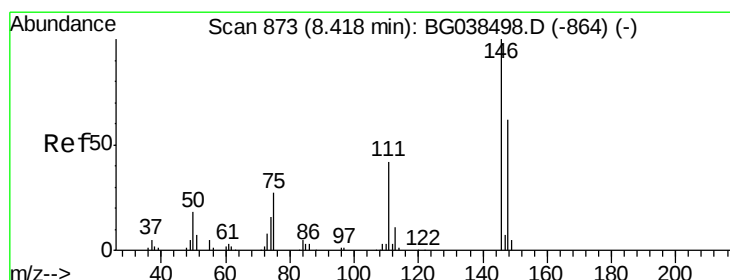
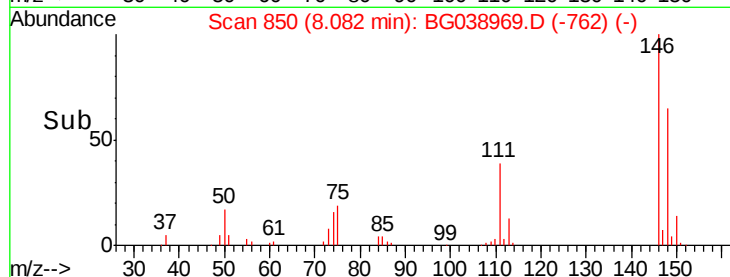
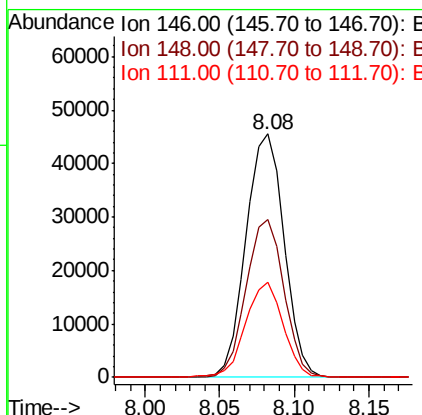
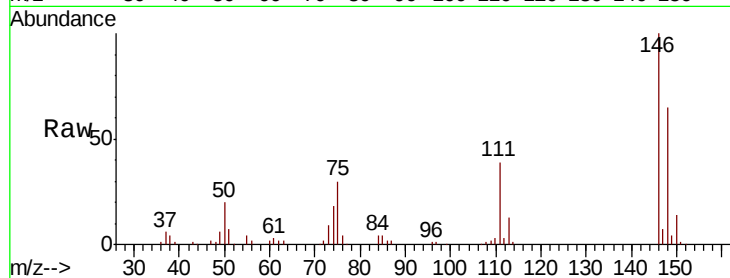
ClientSampleId :

PB116197BSD

Tot Ion:	146	Resp:	80427
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.4	78.6
111	39.2	33.0	49.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.171 ng

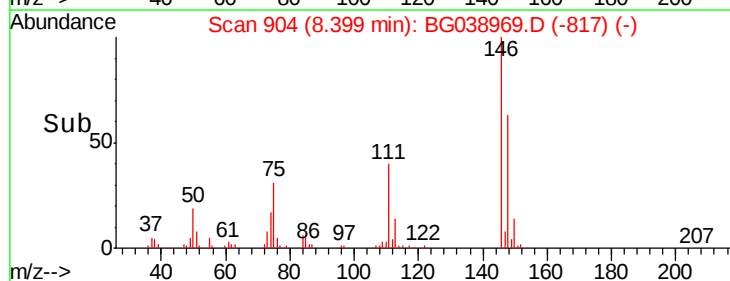
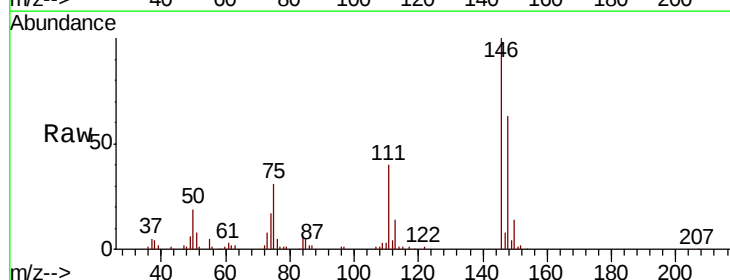
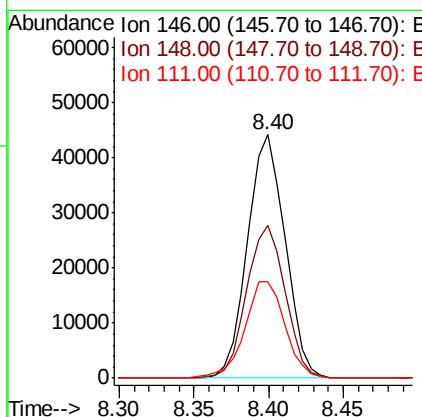
RT: 8.40 min Scan# 904

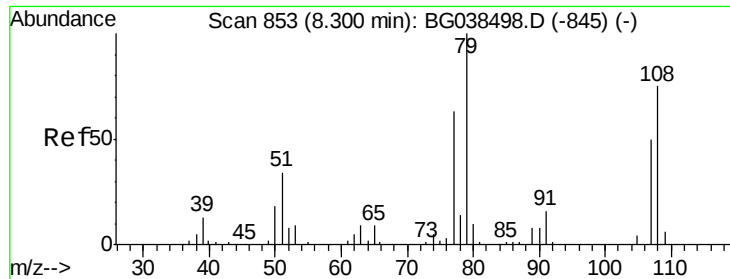
Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	146	Resp:	77093
Ion Ratio	Lower	Upper	
146	100		
148	62.8	49.4	74.0
111	39.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.935 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

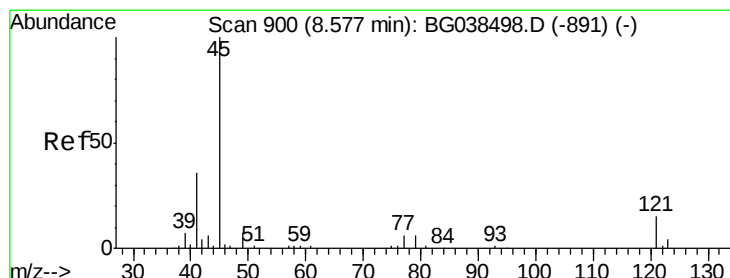
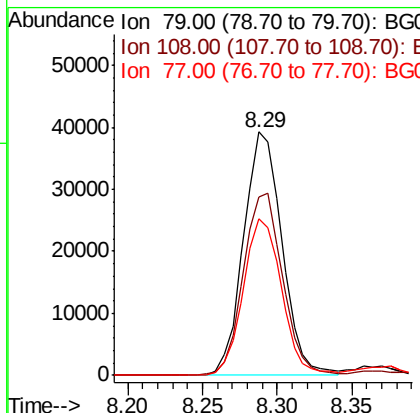
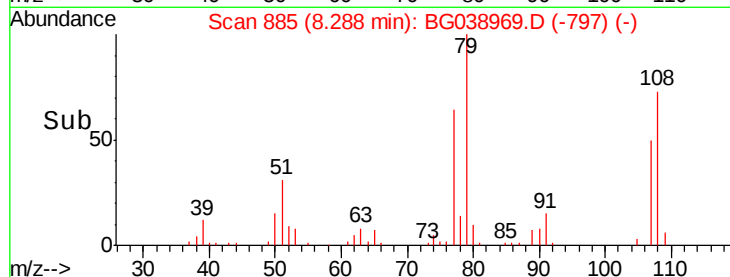
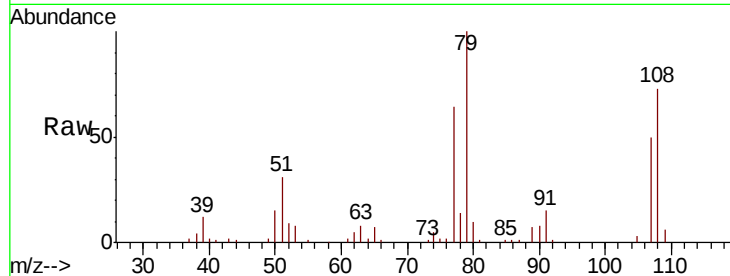
ClientSampleID :

PB116197BSD

Tot Ion:	79	Resp:	70134
Ion	Ratio	Lower	Upper
79	100		
108	73.3	60.2	90.4
77	64.5	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.120 ng

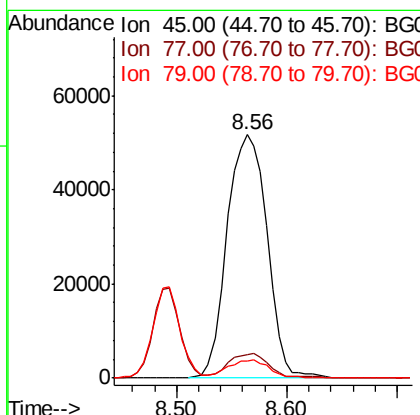
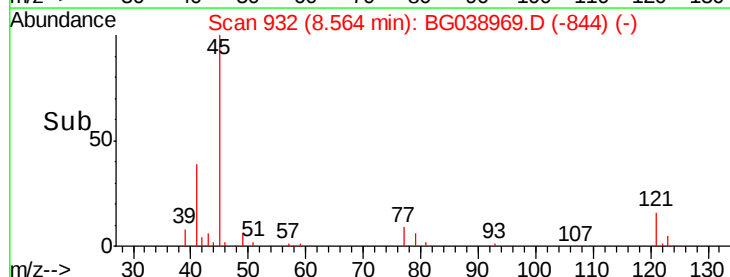
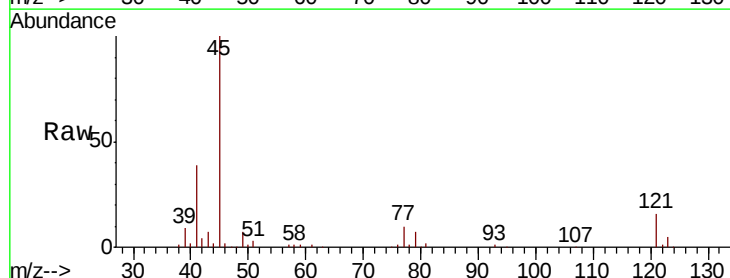
RT: 8.56 min Scan# 932

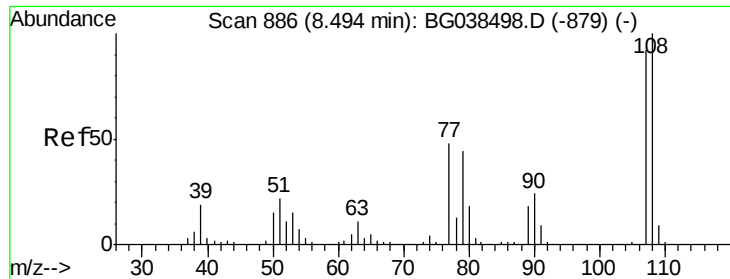
Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	45	Resp:	131243
Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	28.2
79	7.2	0.0	27.2





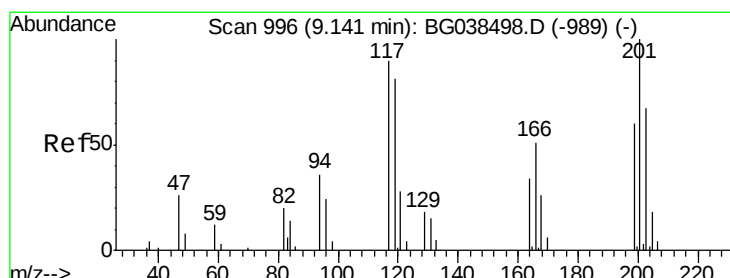
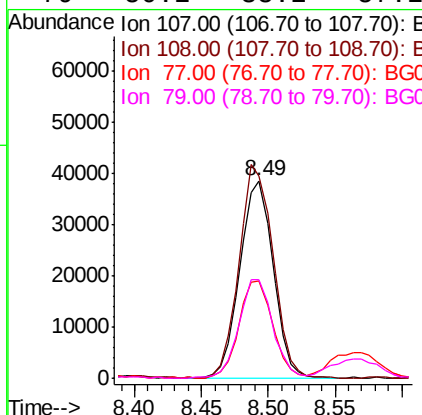
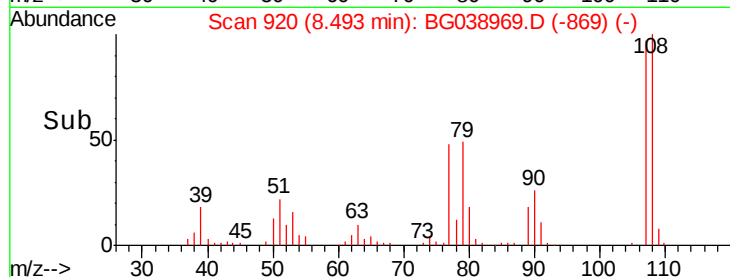
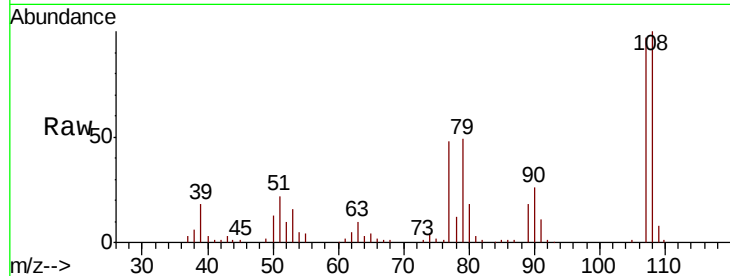
#17
2-Methylphenol
Concen: 45.889 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion:	107	Resp:	66802
Ion	Ratio	Lower	Upper
107	100		
108	102.7	87.1	130.7
77	49.5	42.0	63.0
79	50.2	38.2	57.2

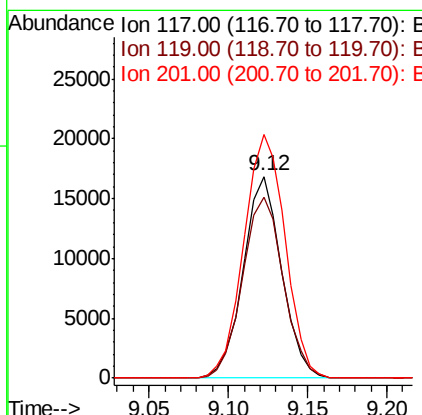
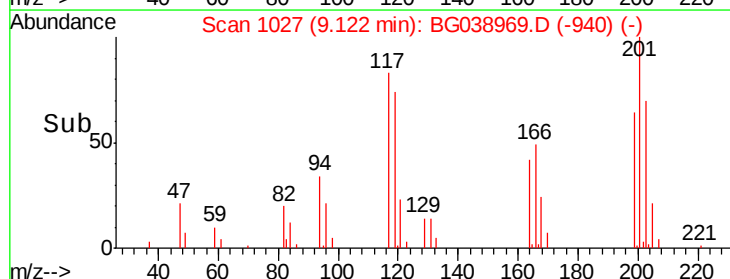
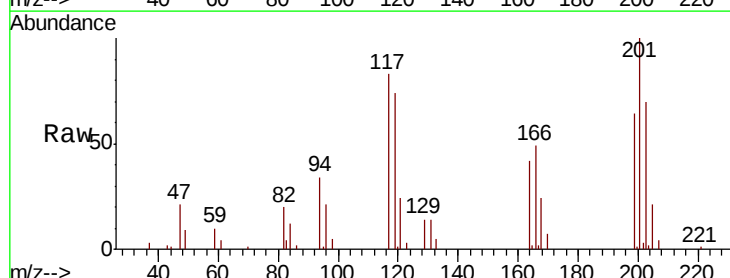
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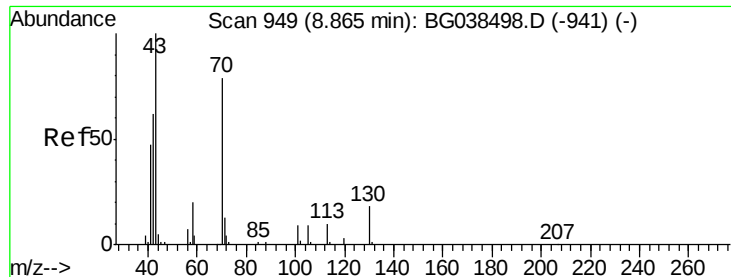
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#18
Hexachloroethane
Concen: 37.122 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion:	117	Resp:	28319
Ion	Ratio	Lower	Upper
117	100		
119	89.7	73.8	110.8
201	123.8	89.4	134.0





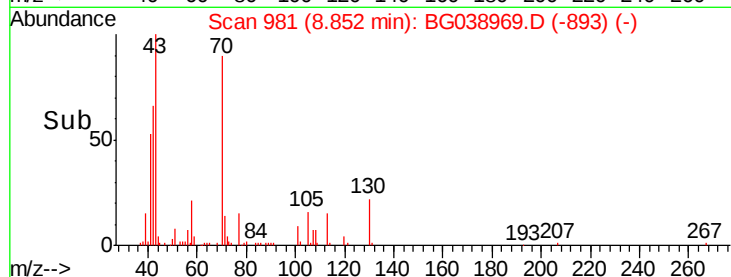
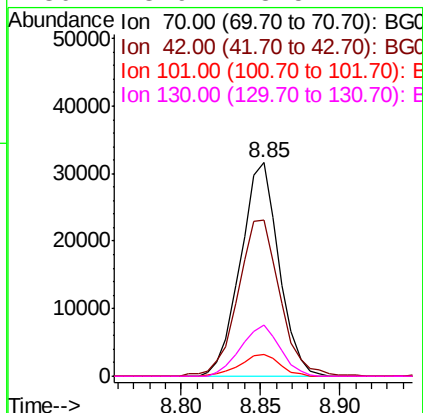
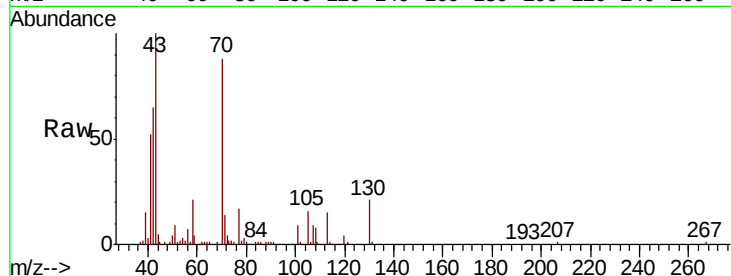
#19
n-Nitroso-di-n-propylamine
Concen: 36.993 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.2	63.6	95.4
101	9.9	9.2	13.8
130	23.9	18.5	27.7

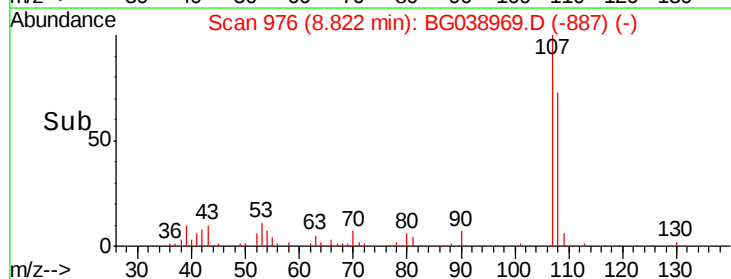
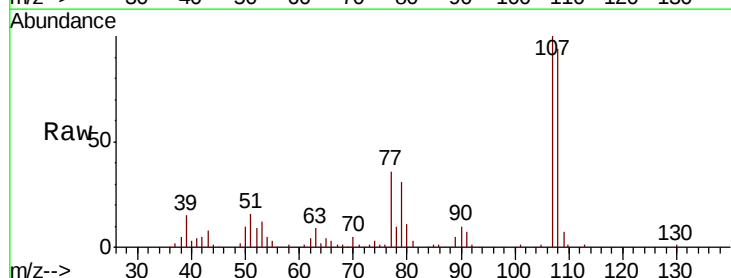
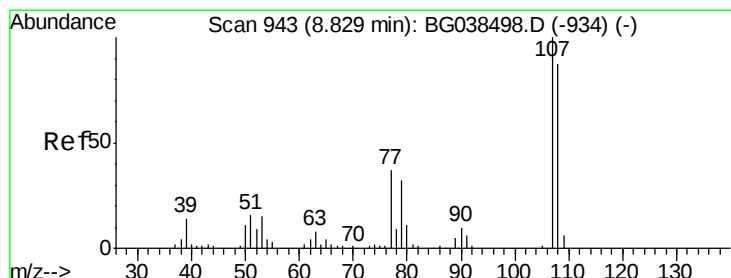
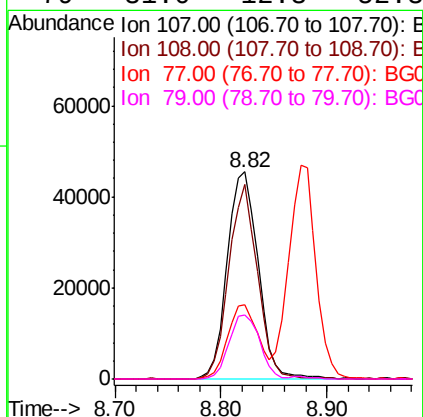
Manual Integrations
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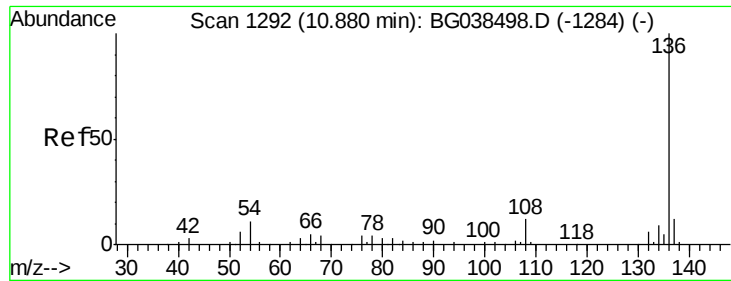
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#20
3+4-Methylphenols
Concen: 45.929 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.7	106.7
77	35.8	17.3	57.3
79	31.0	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

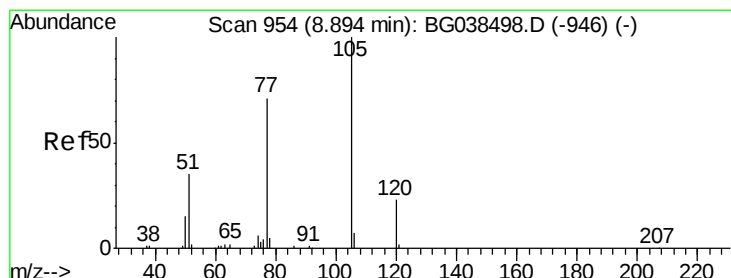
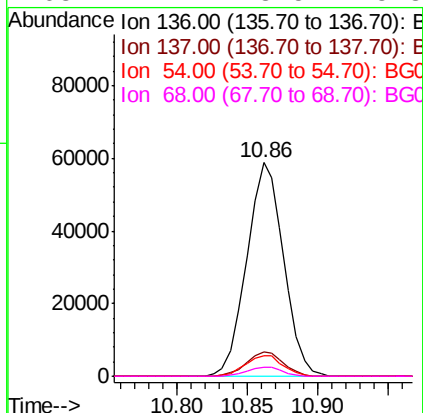
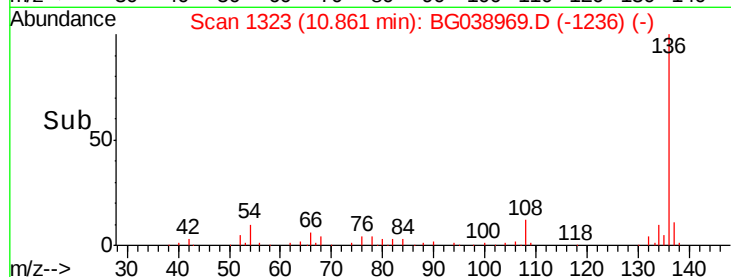
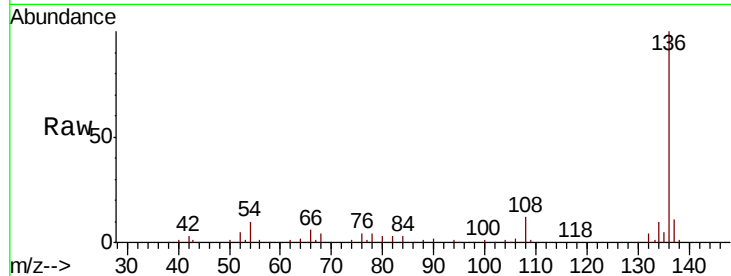
ClientSampleId :

PB116197BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.9	8.5	12.7
68	4.2	3.5	5.3

Manual Integrations
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#22

Acetophenone

Concen: 40.907 ng

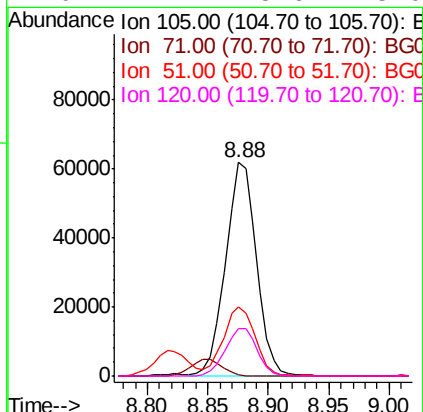
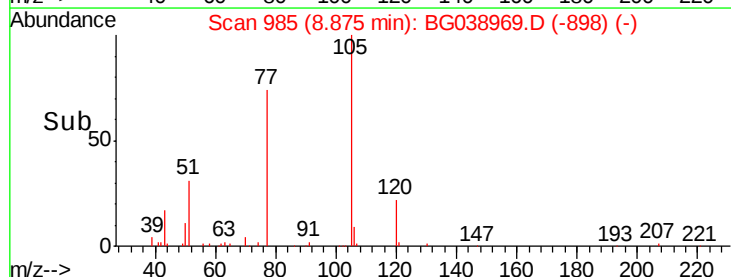
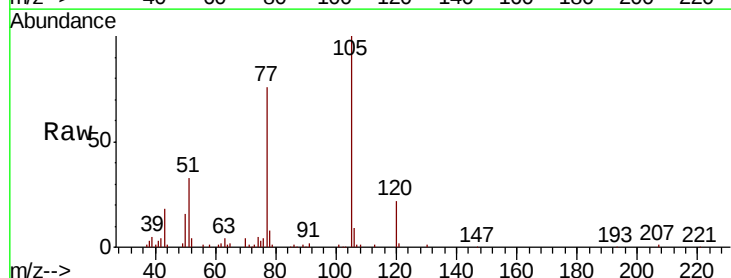
RT: 8.88 min Scan# 985

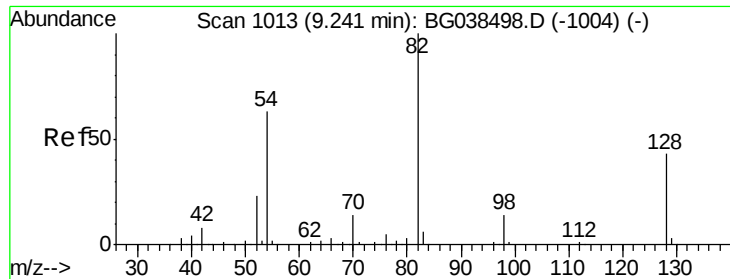
Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	32.5	30.6	46.0
120	22.1	18.6	28.0





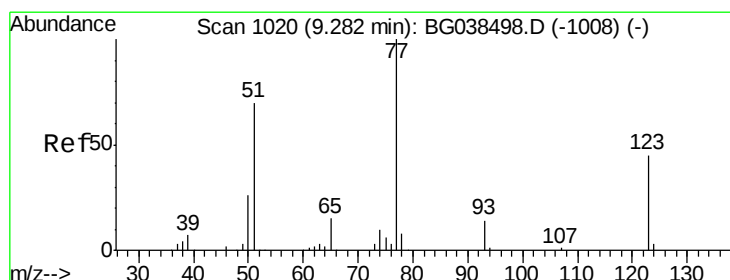
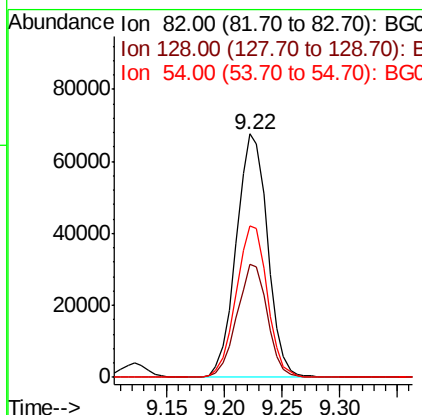
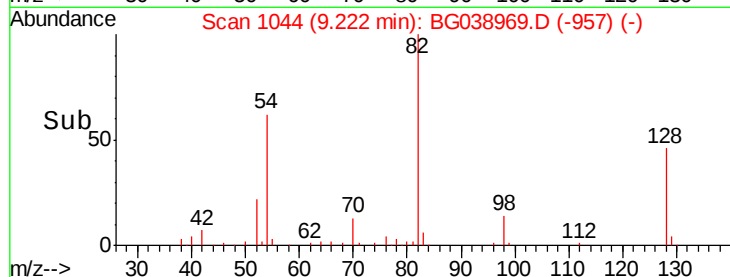
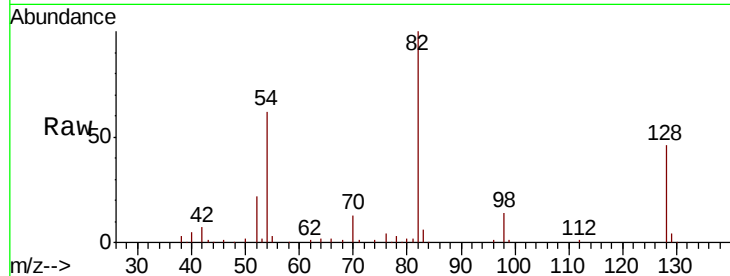
#23
Nitrobenzene-d5
Concen: 60.319 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	52.0
54	62.4	50.6	76.0

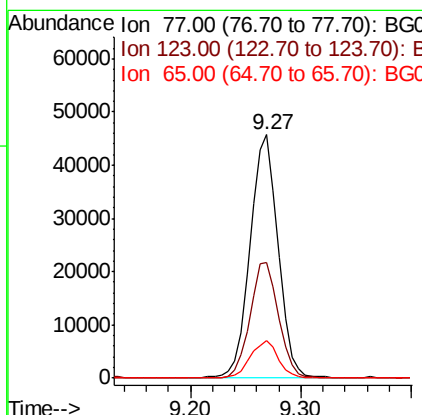
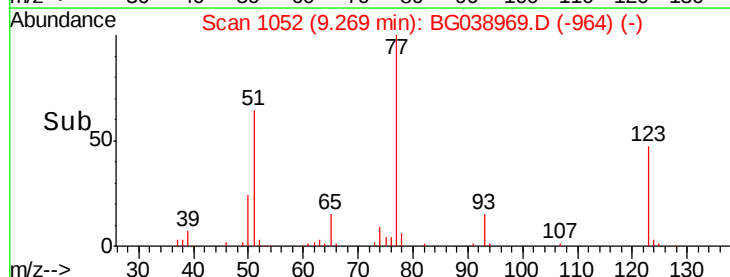
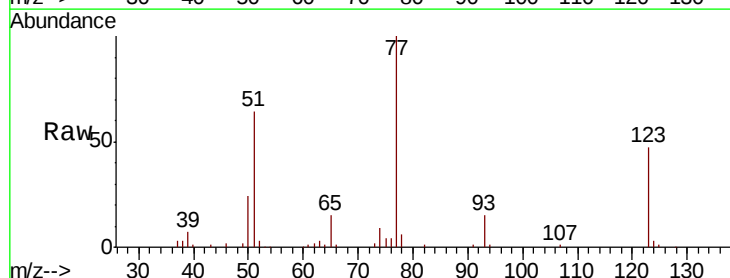
Manual Integrations
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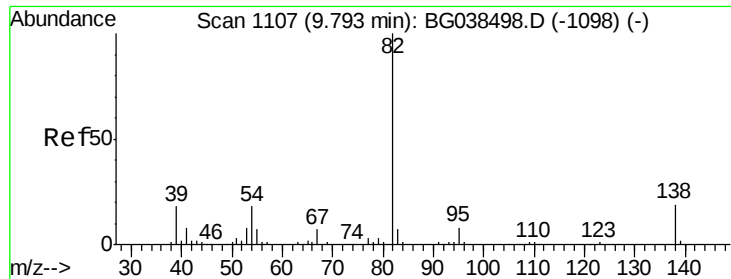
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#24
Nitrobenzene
Concen: 38.438 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	35.9	53.9
65	15.2	12.0	18.0





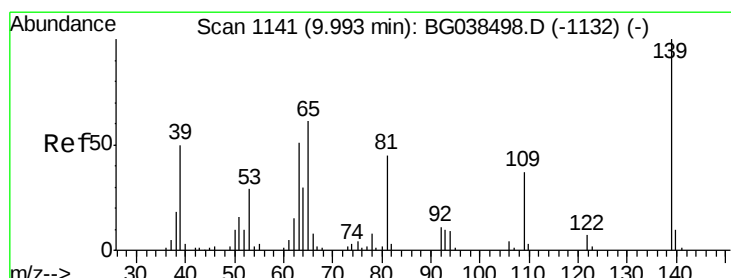
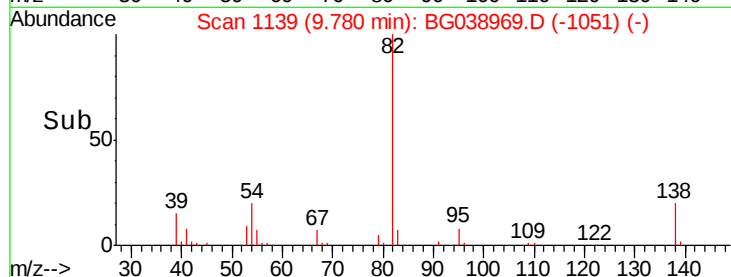
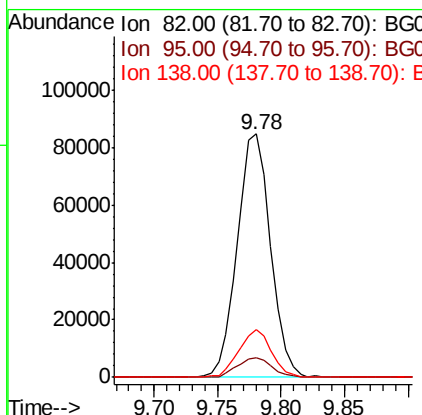
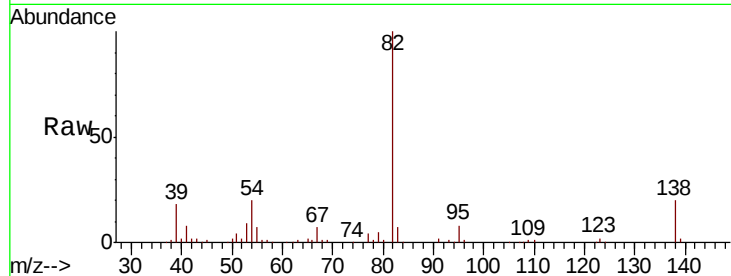
#25
Isophorone
Concen: 40.823 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	19.5	14.9	22.3	

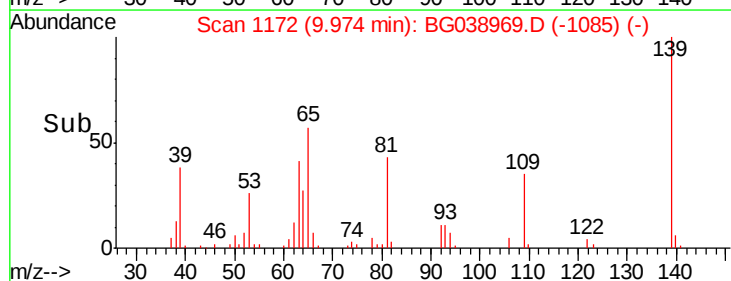
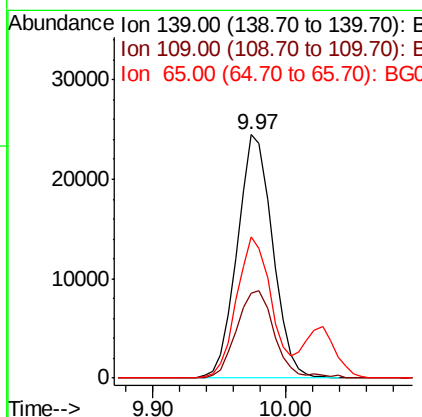
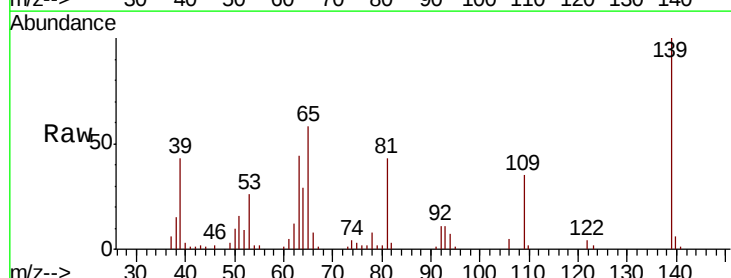
Manual Integrations
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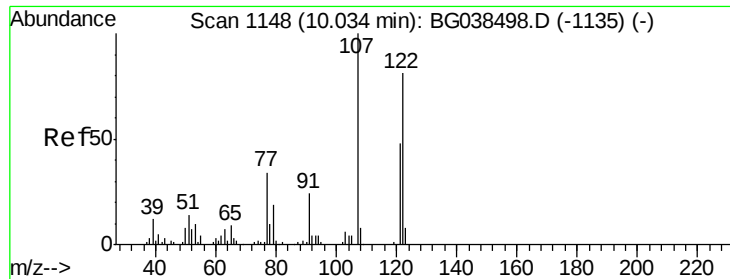
Sohil
1/8/2019 4:49:11 PM



#26
2-Nitrophenol
Concen: 41.168 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.9	29.5	44.3	
65	57.8	48.5	72.7	





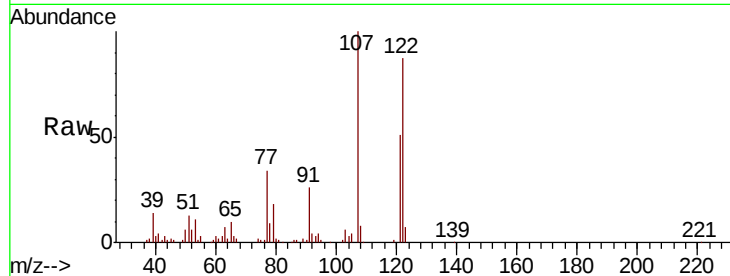
#27
2,4-Dimethylphenol
Concen: 50.864 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	98.4	147.6
121	58.2	47.2	70.8

Manual Integrations
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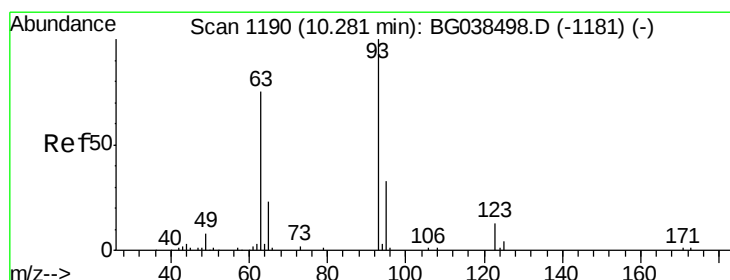
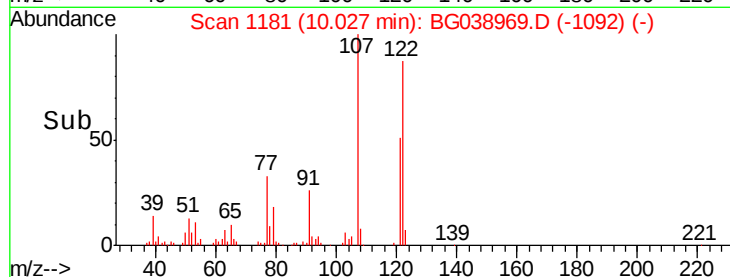
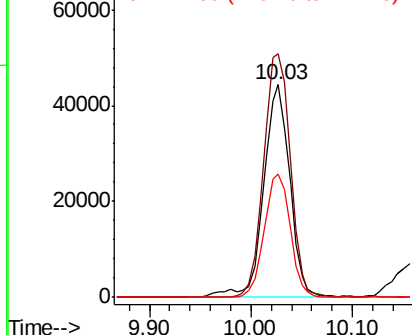


Abundance

Ion 122.00 (121.70 to 122.70): E

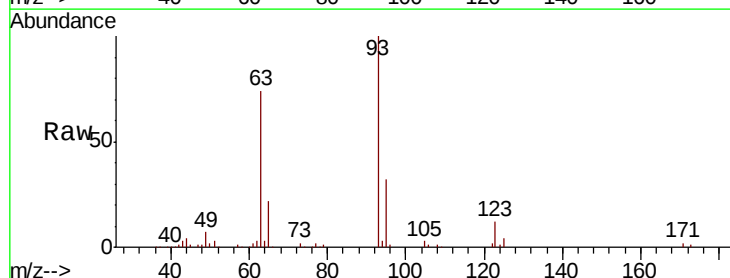
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.485 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	12.4	10.6	16.0

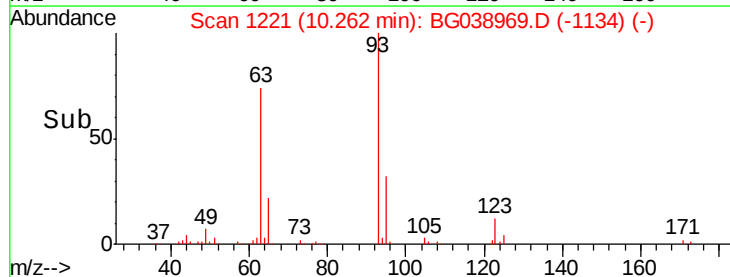
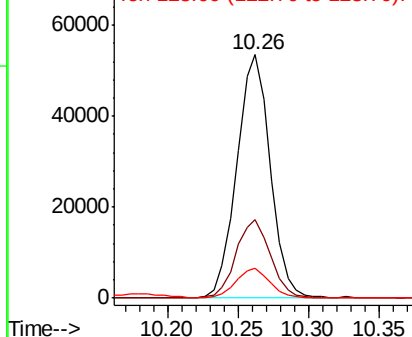


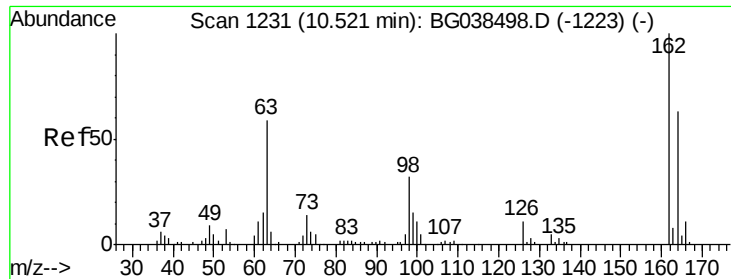
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





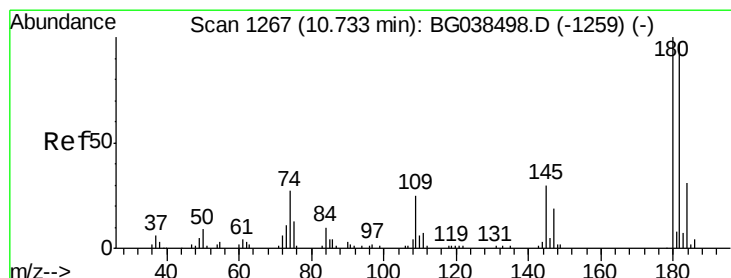
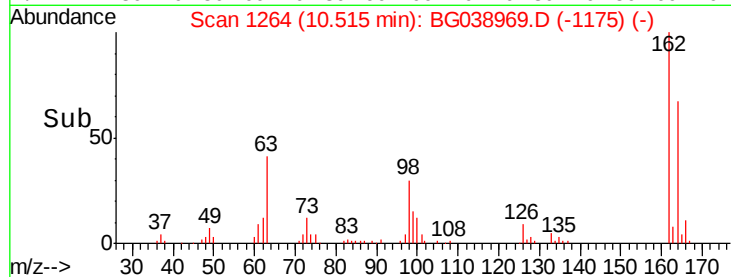
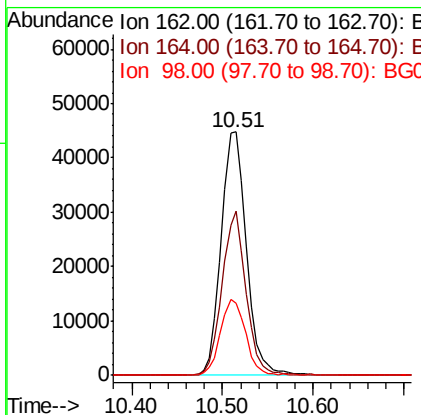
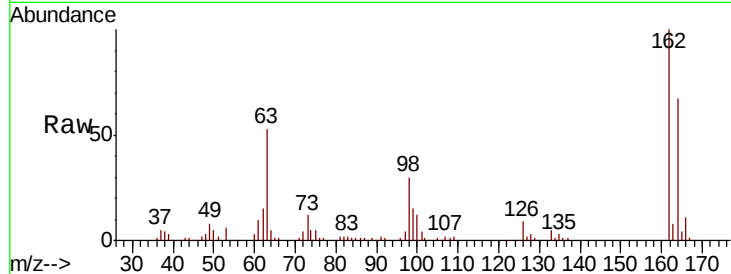
#29
 2,4-Dichlorophenol
 Concen: 49.949 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.9	82.9
98	29.6	12.1	52.1

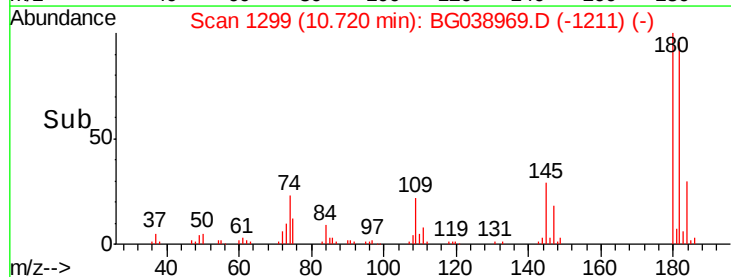
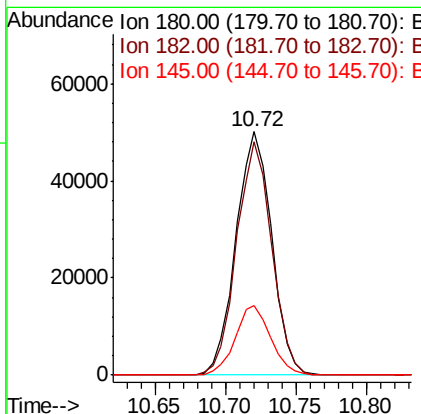
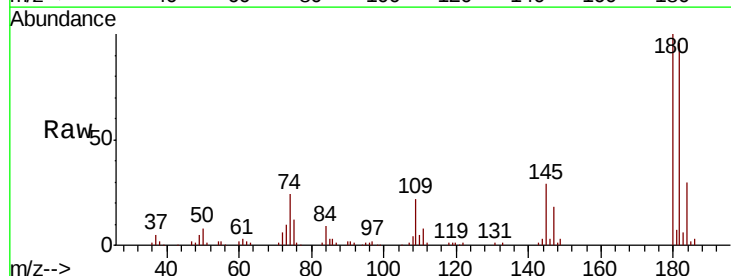
Manual Integrations
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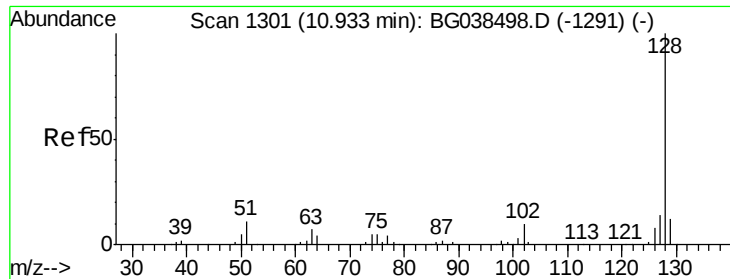
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 1/8/2019 4:49:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.386 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.0
145	28.7	24.1	36.1





#31

Naphthalene

Concen: 44.375 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

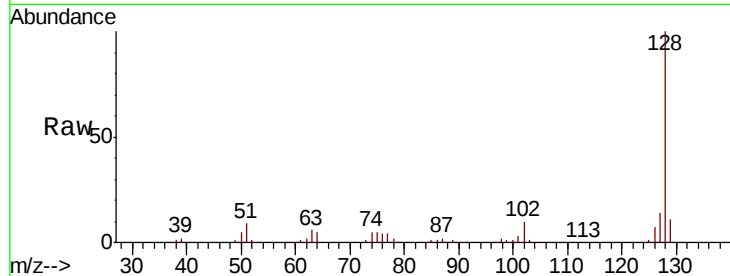
ClientSampleId :

PB116197BSD

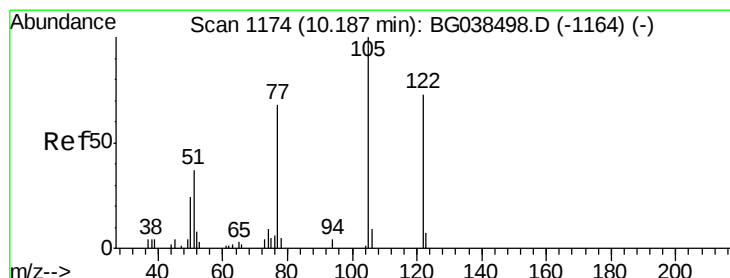
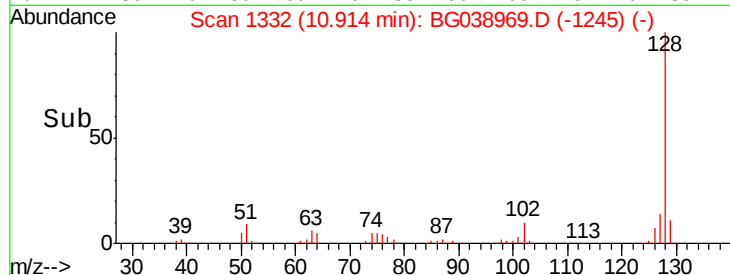
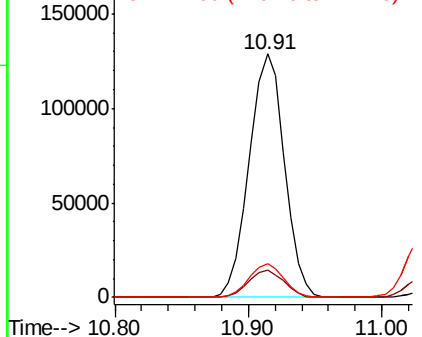
Tot Ion:	128	Resp:	234969
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.5	14.3
127	13.7	10.9	16.3

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.135 ng m

RT: 10.19 min Scan# 1208

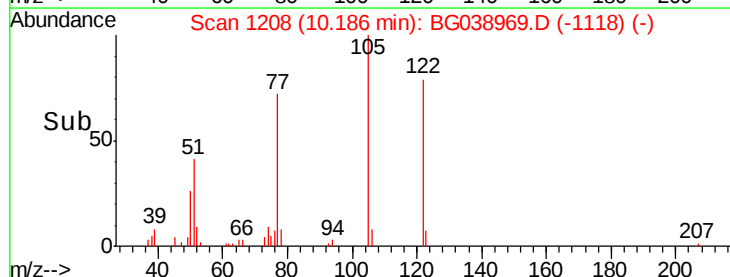
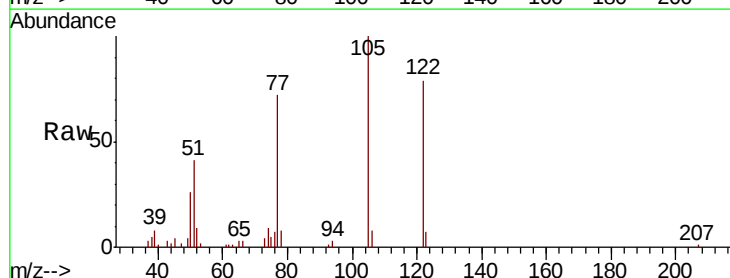
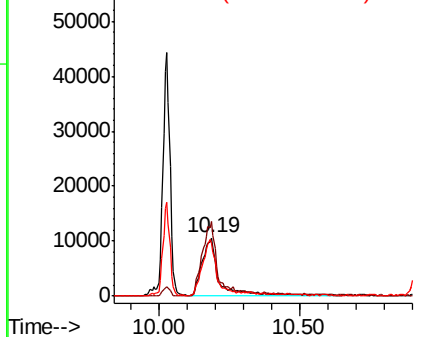
Delta R.T. -0.00 min

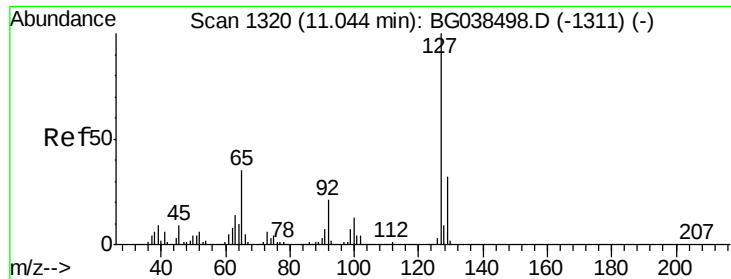
Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	122	Resp:	46505
Ion Ratio	Lower	Upper	
122	100		
105	127.0	116.7	156.7
77	91.1	72.5	112.5

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





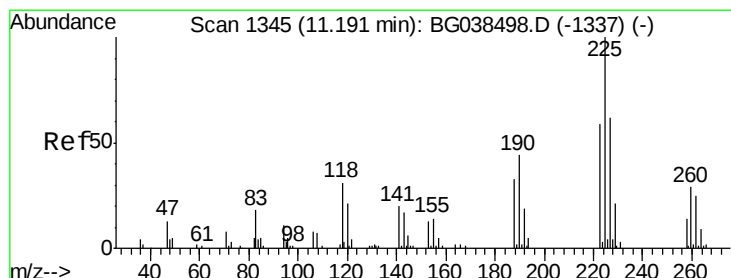
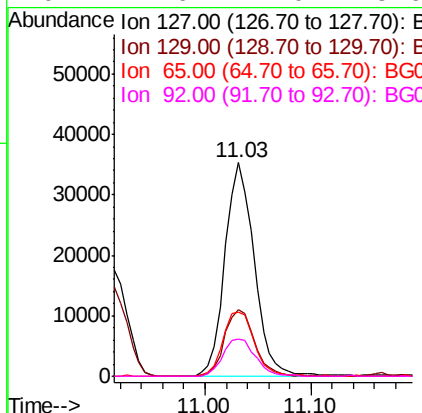
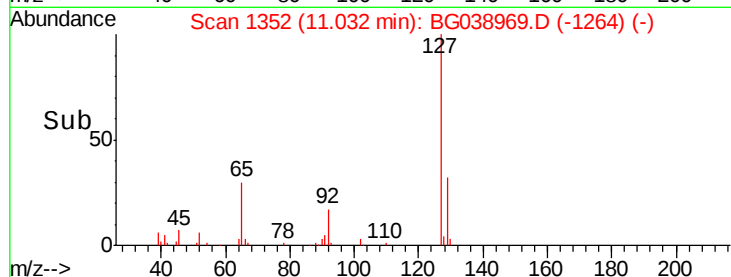
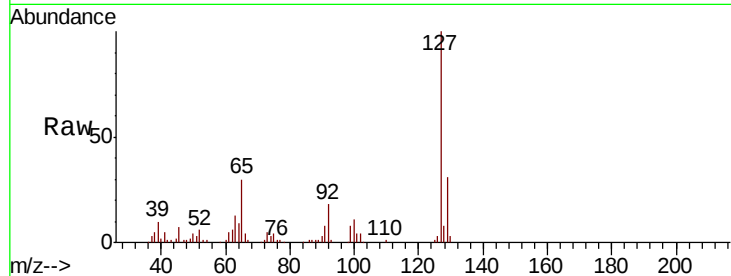
#33
4-Chloroaniline
Concen: 29.682 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.8	38.8		
65	30.2	27.8	41.6		
92	17.6	17.0	25.6		

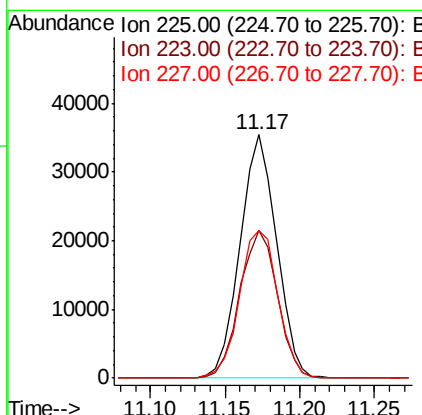
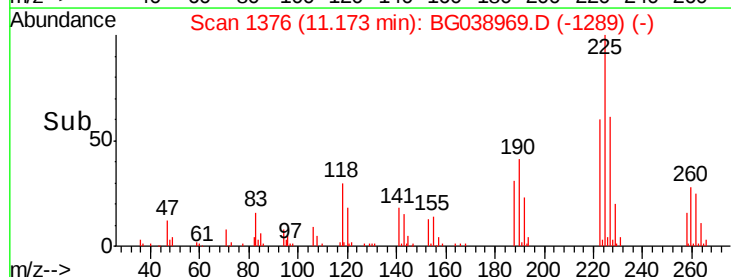
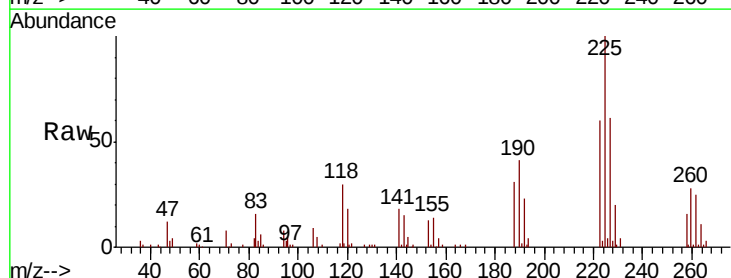
Manual Integrations
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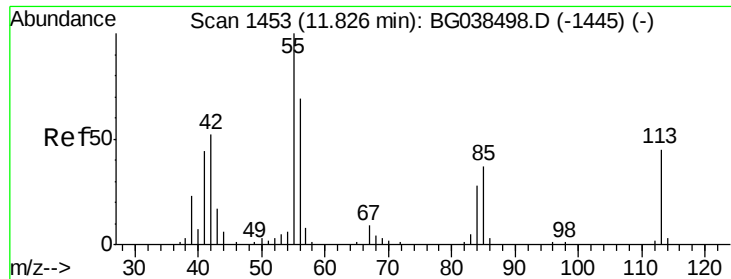
Sohil
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#34
Hexachlorobutadiene
Concen: 42.353 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	57.9	45.0	67.6		
227	60.9	50.6	75.8		





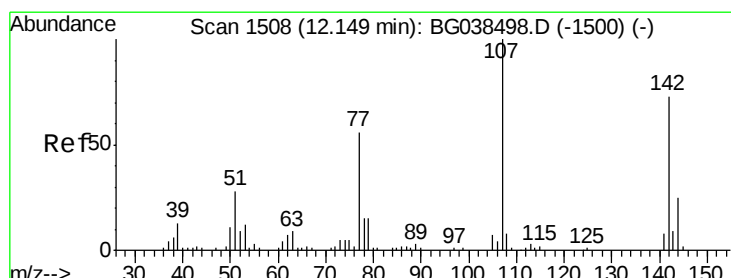
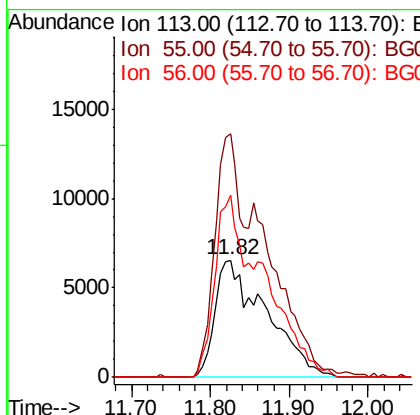
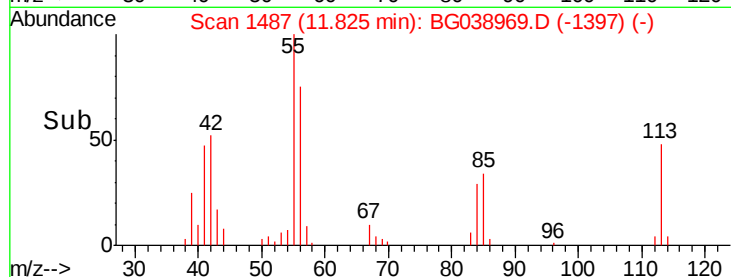
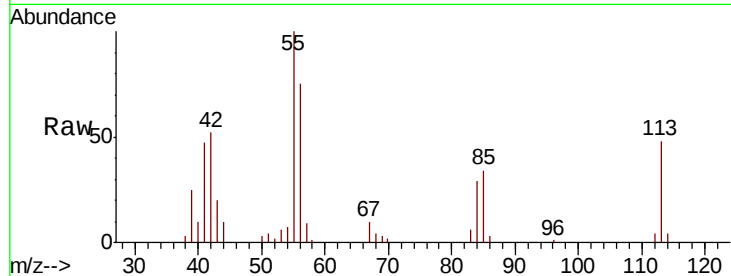
#35
 Caprolactam
 Concen: 40.969 ng/ml
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.1	204.3	244.3
56	155.5	135.0	175.0

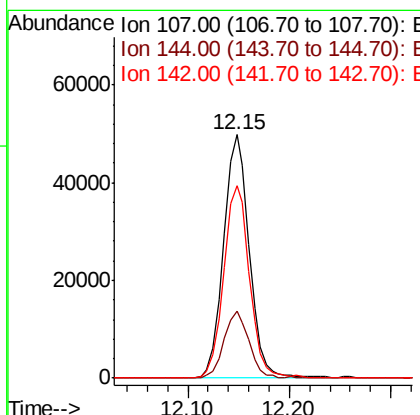
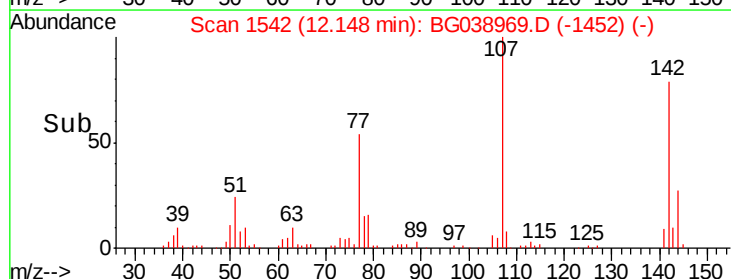
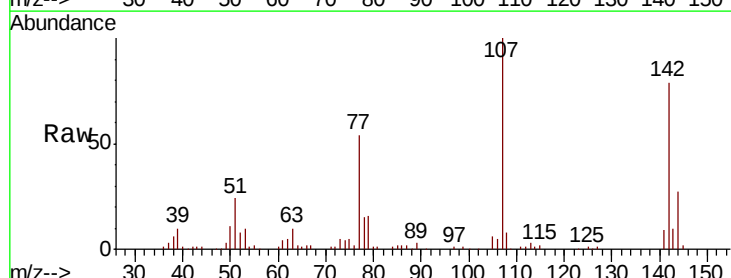
Manual Integrations
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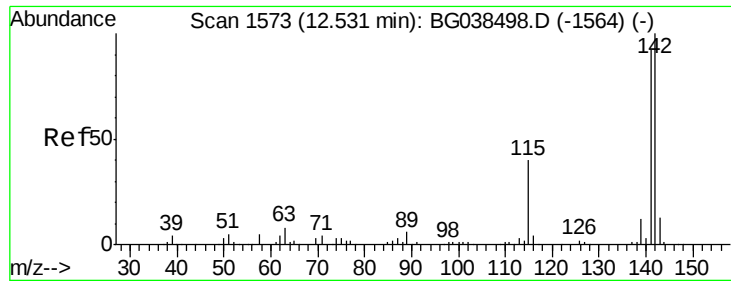
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#36
 4-Chloro-3-methylphenol
 Concen: 44.076 ng/ml
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.1	30.1
142	79.0	58.7	88.1





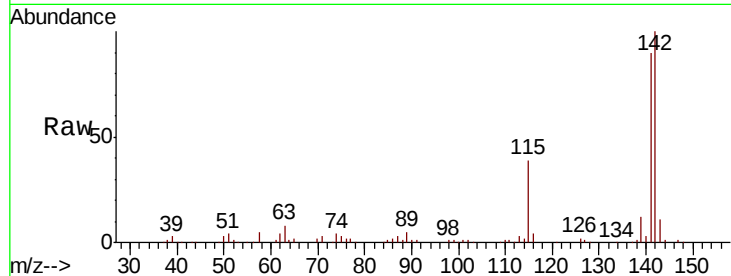
#37
2-Methylnaphthalene
Concen: 48.235 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	39.4	31.7	47.5

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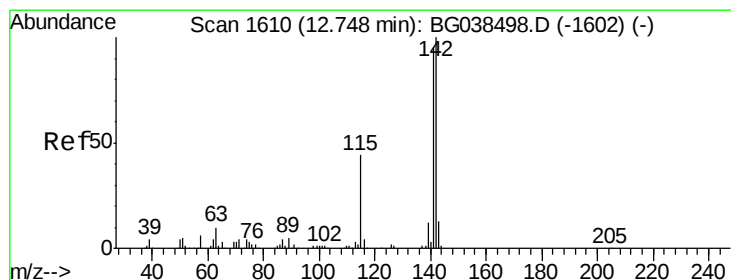
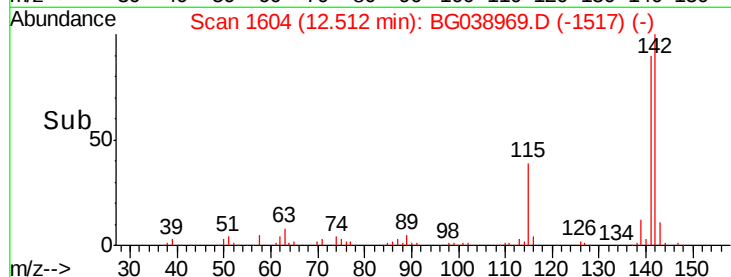
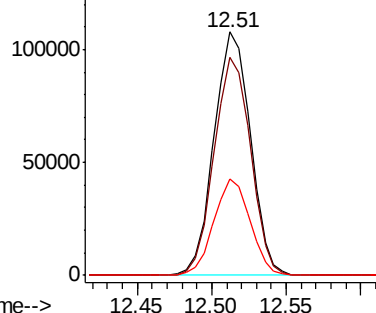


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.816 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

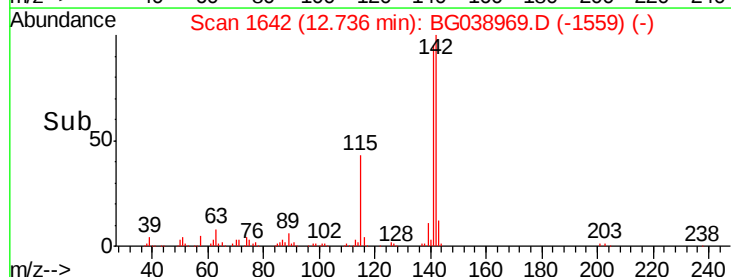
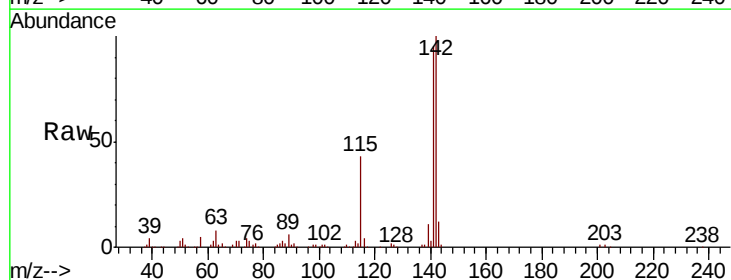
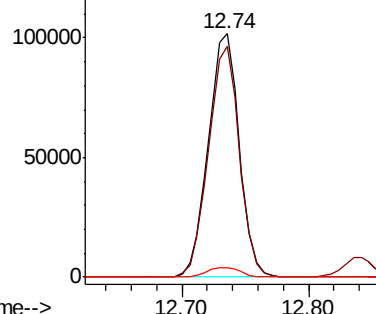
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.8
116	4.0	3.6	5.4

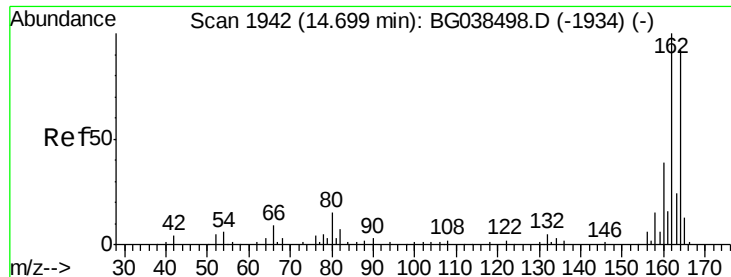
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

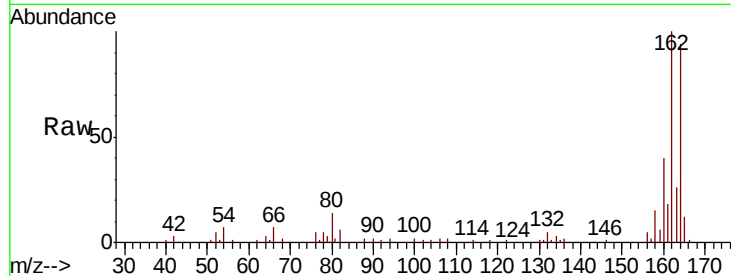
ClientSampleId :

PB116197BSD

Tot Ion:	164	Resp:	73114
Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.6	130.0
160	42.5	34.2	51.2

Manual Integrations
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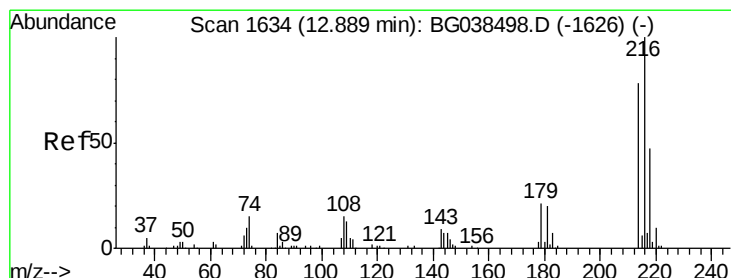
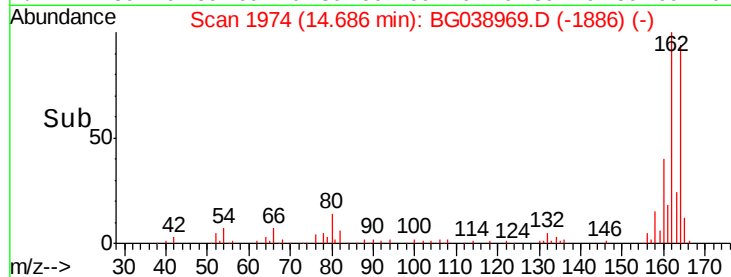
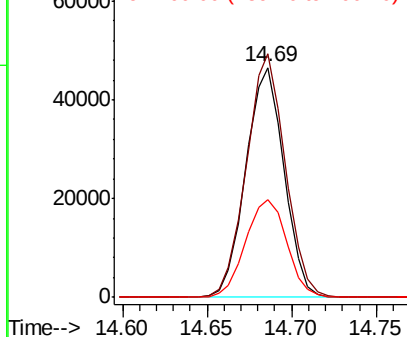


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.962 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	216	Resp:	111948
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	19.5	16.4	24.6
108	14.0	13.9	20.9

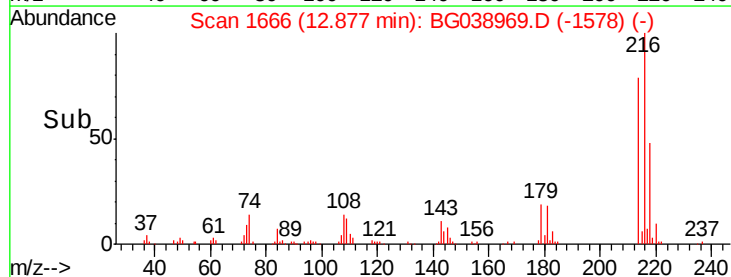
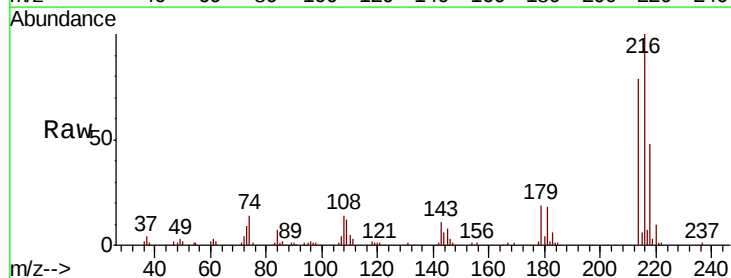
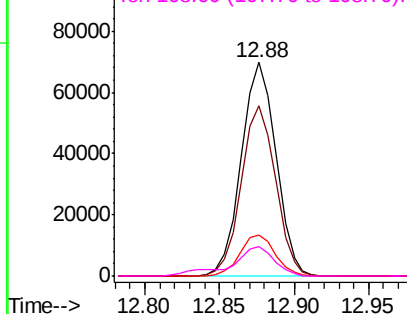
Abundance

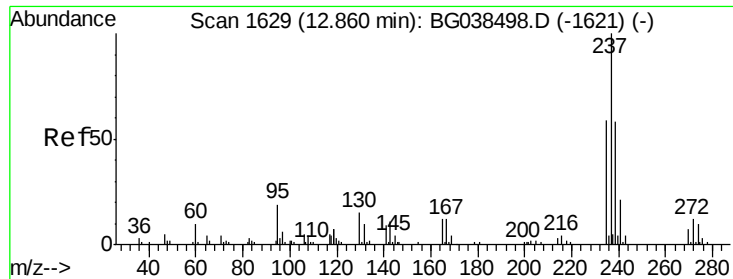
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.202 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

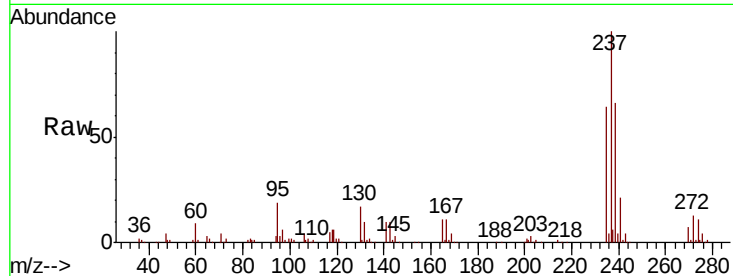
ClientSampleId :

PB116197BSD

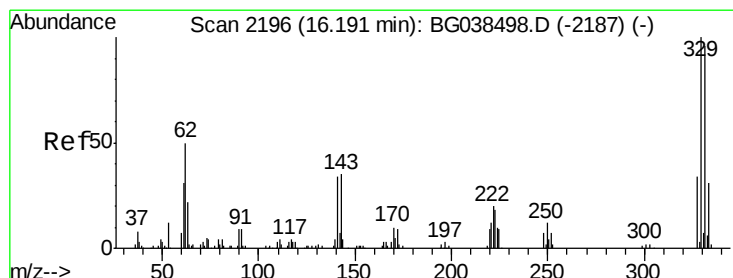
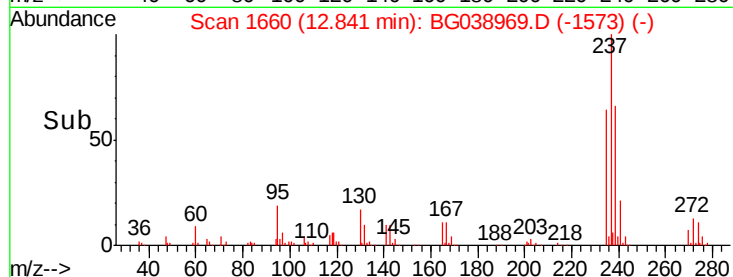
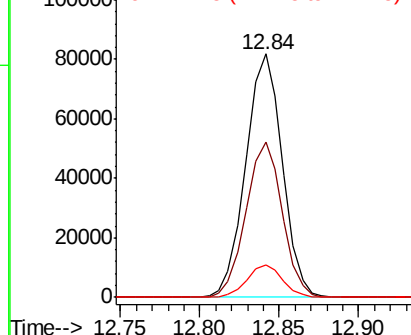
Tot Ion:	237	Resp:	130932
Ion Ratio	Lower	Upper	
237	100		
235	63.6	38.8	78.8
272	13.4	0.0	32.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.544 ng

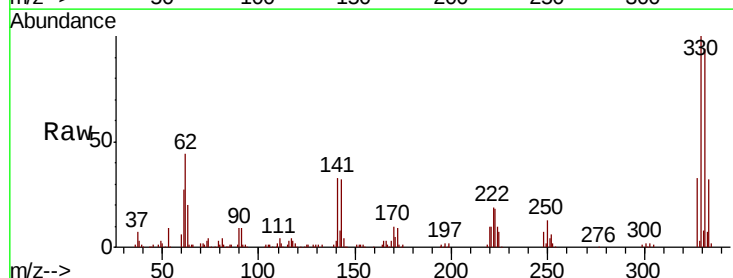
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

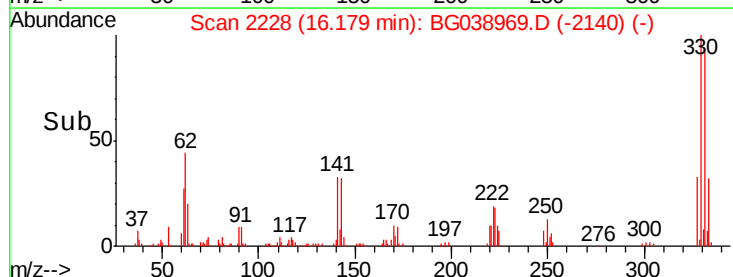
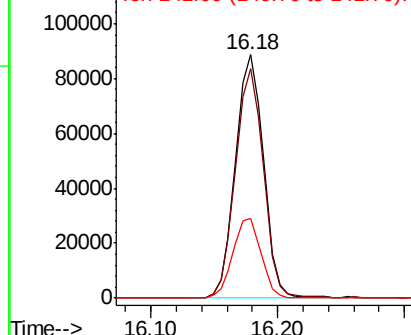
Lab File: BG038969.D

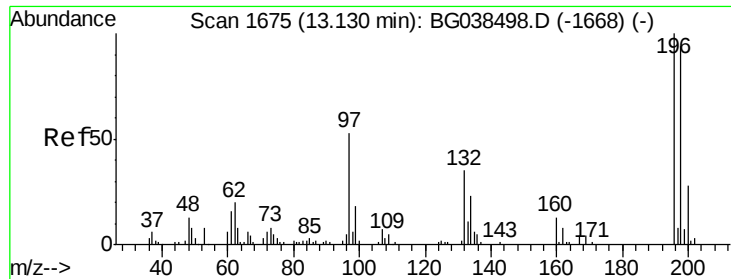
Acq: 7 Jan 2019 16:35

Tgt Ion:	330	Resp:	135572
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.9	115.3
141	33.0	28.8	43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





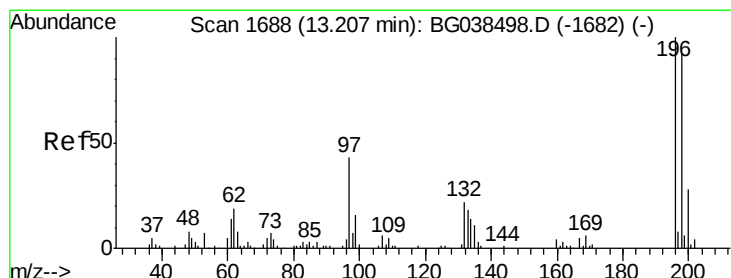
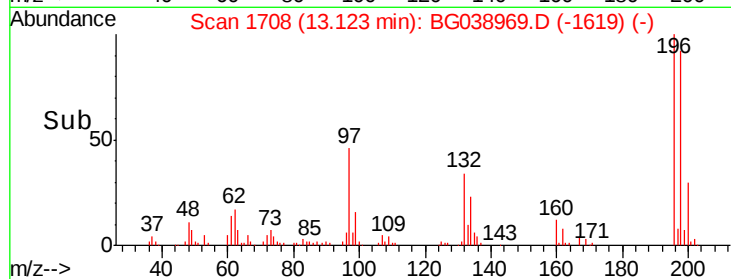
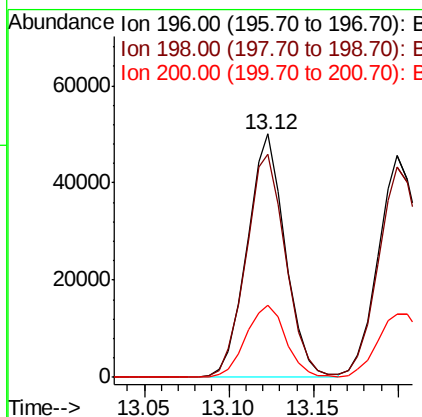
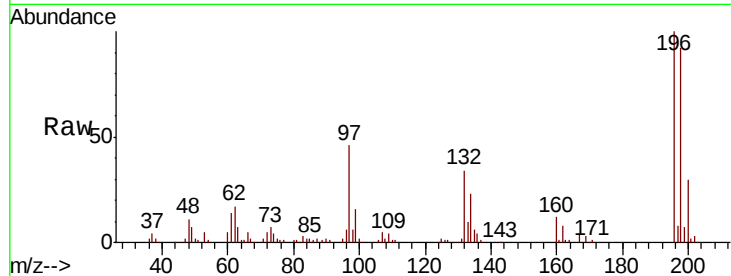
#43
 2,4,6-Trichlorophenol
 Concen: 46.595 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.0	112.4
200	29.9	22.4	33.6

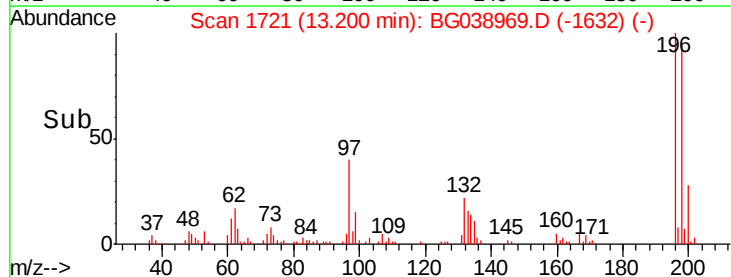
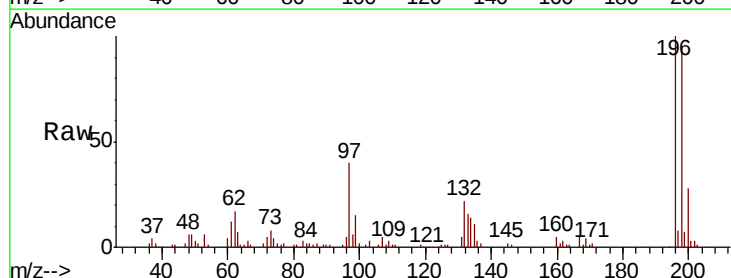
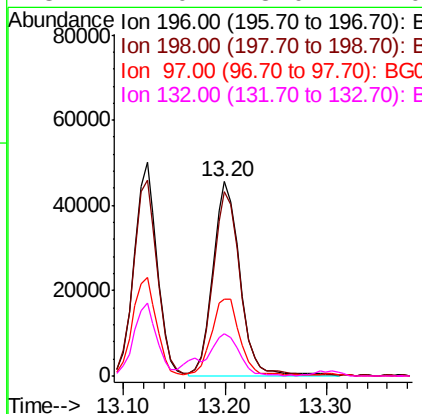
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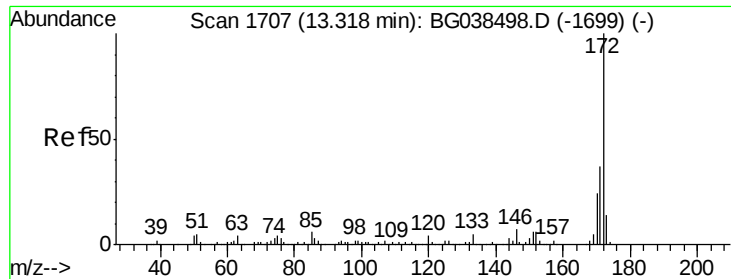
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#44
 2,4,5-Trichlorophenol
 Concen: 47.462 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.0	111.0
97	39.6	35.1	52.7
132	22.0	18.0	27.0





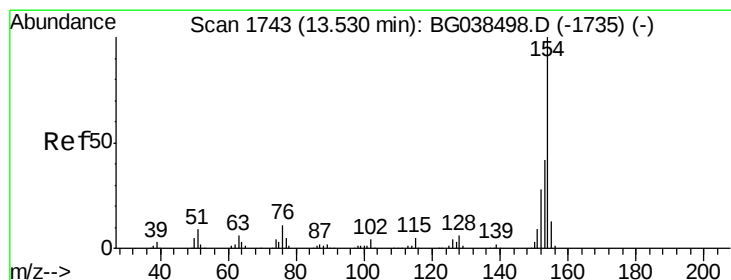
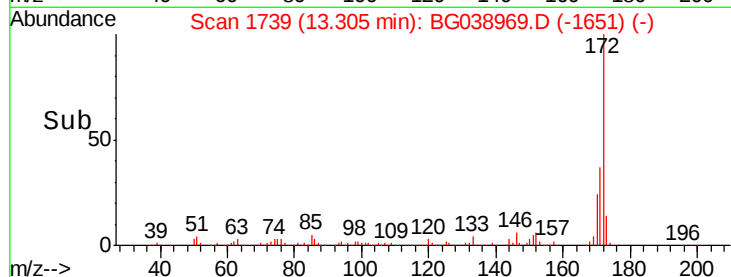
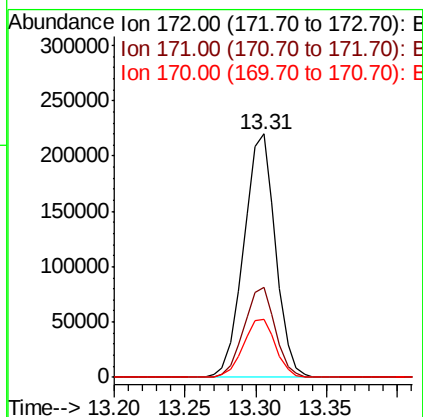
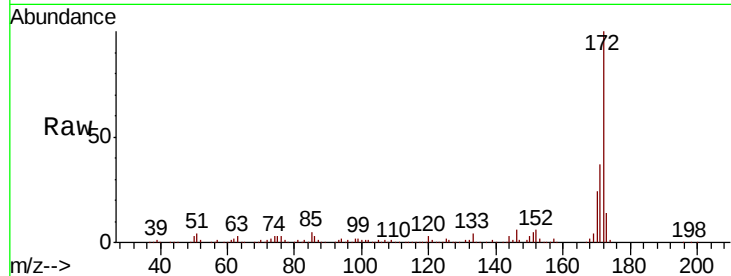
#45
2-Fluorobiphenyl
Concen: 64.579 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	23.7	19.5	29.3

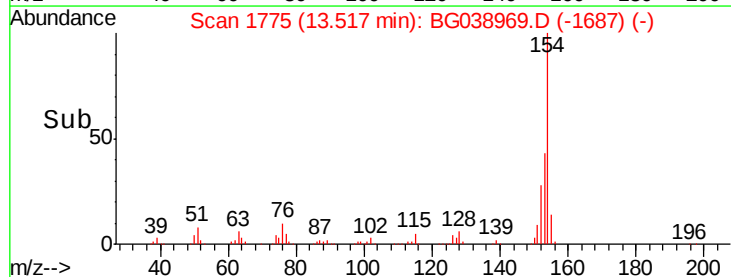
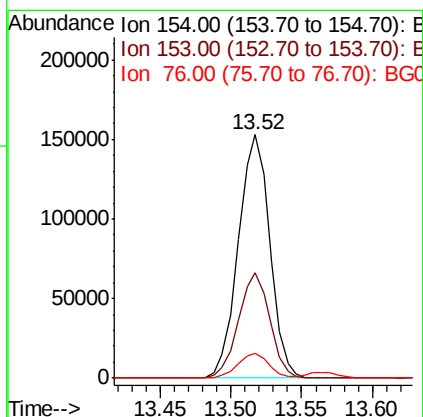
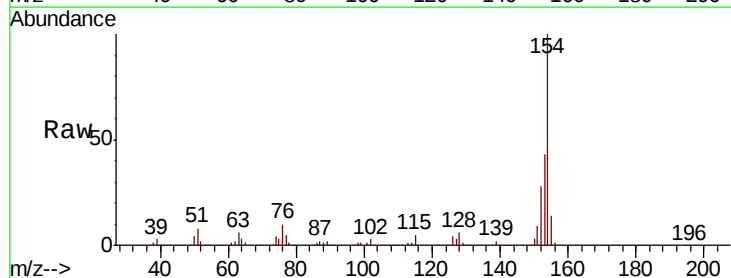
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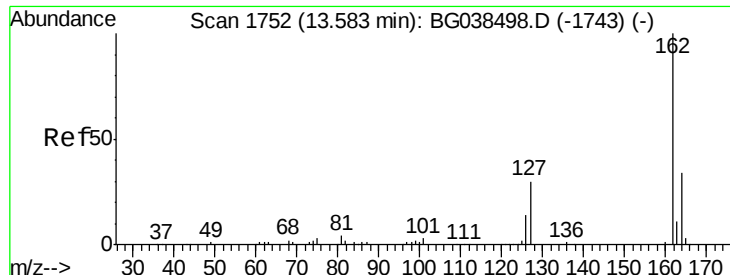
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#46
1,1'-Biphenyl
Concen: 38.810 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	10.1	0.0	31.2





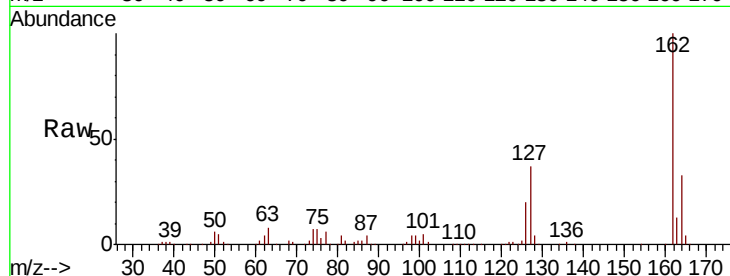
#47
 2-Chloronaphthalene
 Concen: 40.494 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	27.8	41.8
164	33.3	26.9	40.3

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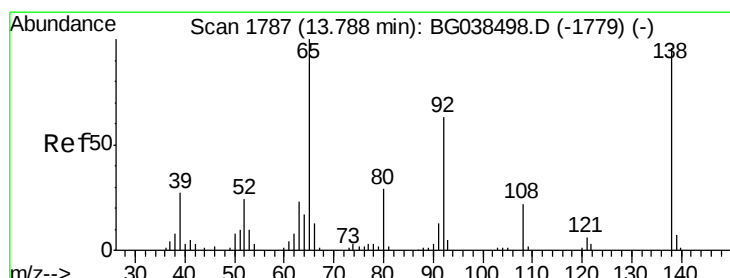
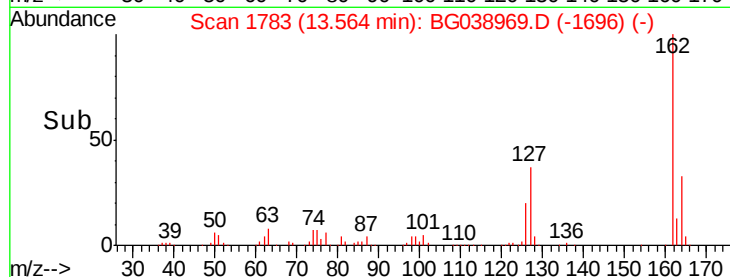
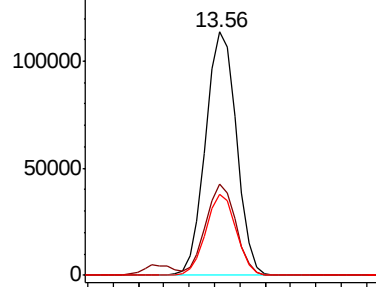


Abundance

Ion 162.00 (161.70 to 162.70): E

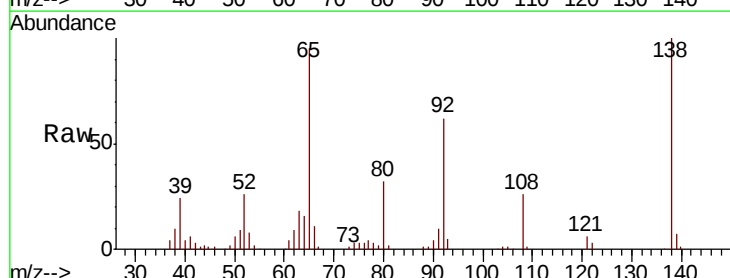
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.186 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	50.0	75.0
138	105.5	76.9	115.3

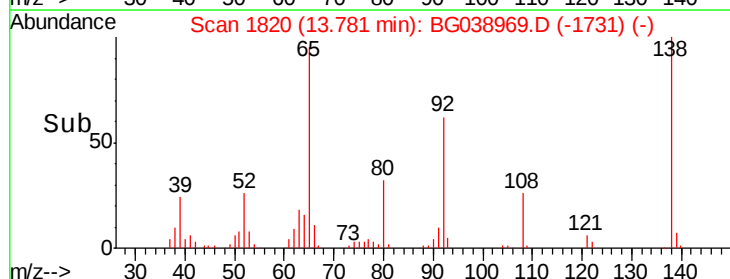
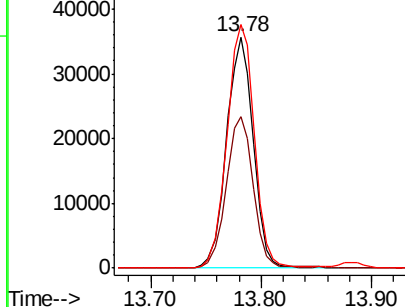


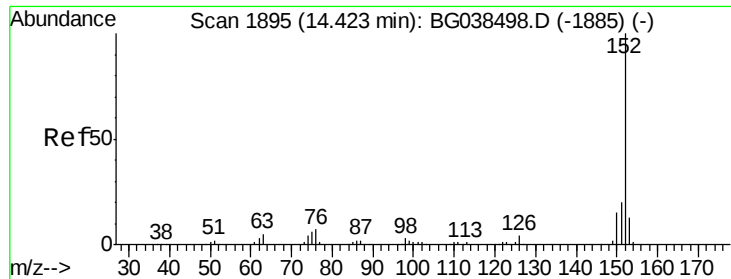
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.706 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

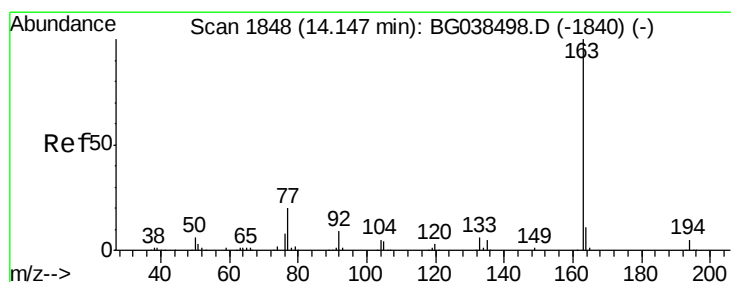
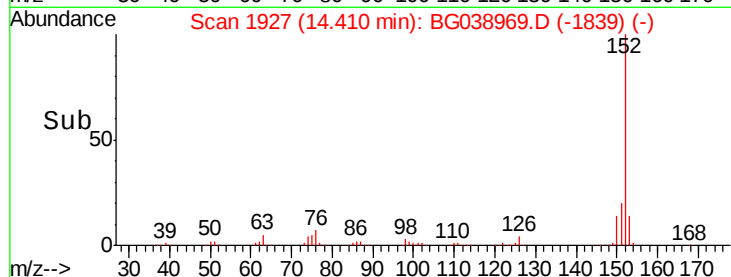
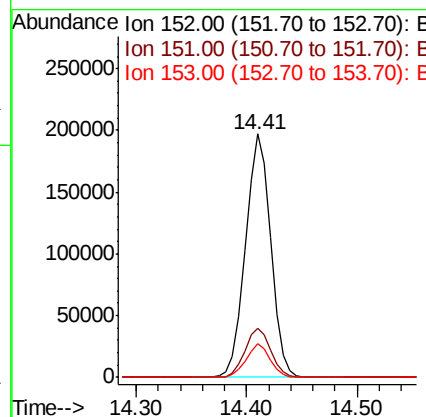
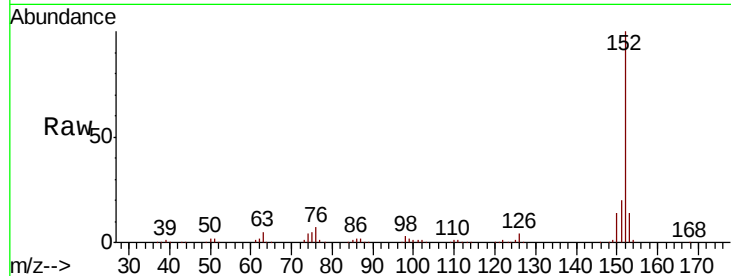
ClientSampleId :

PB116197BSD

Tot Ion:	152	Resp:	316428
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.698 ng

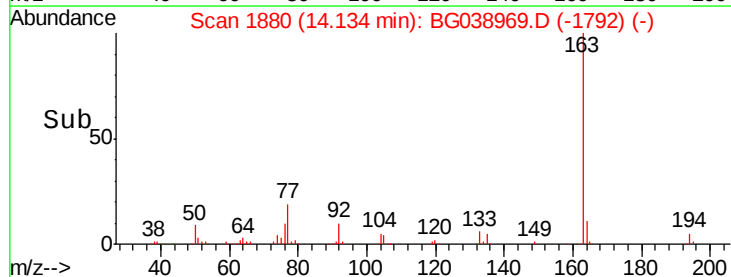
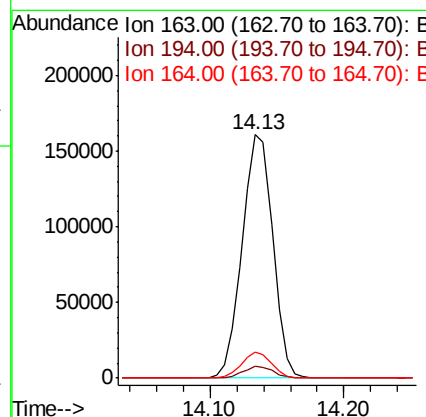
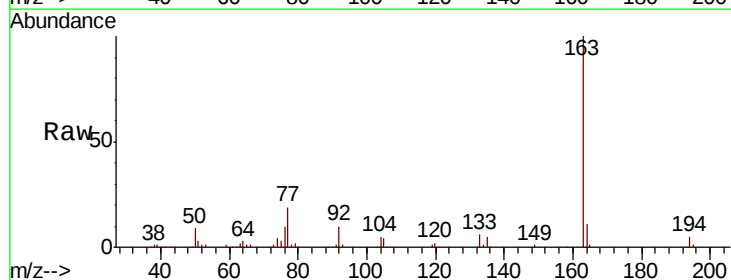
RT: 14.13 min Scan# 1880

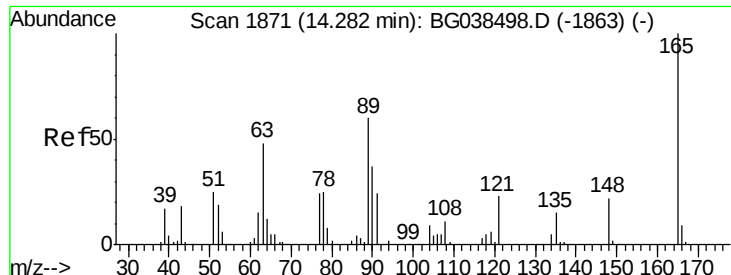
Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	163	Resp:	254940
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.6	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 42.591 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

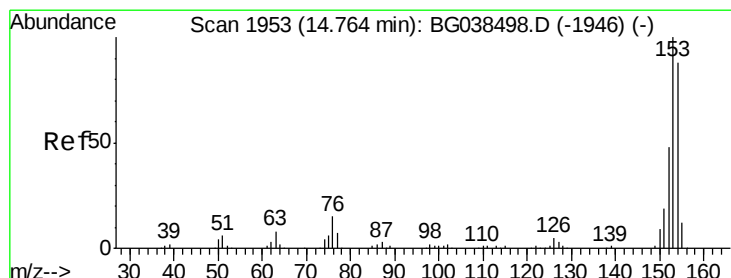
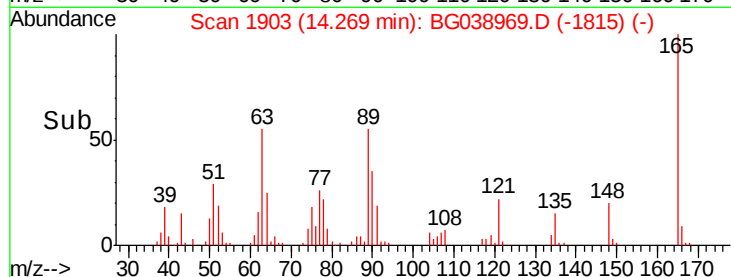
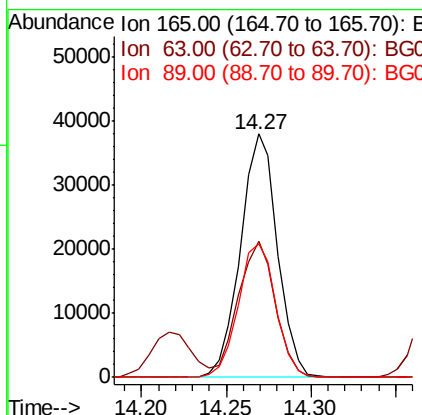
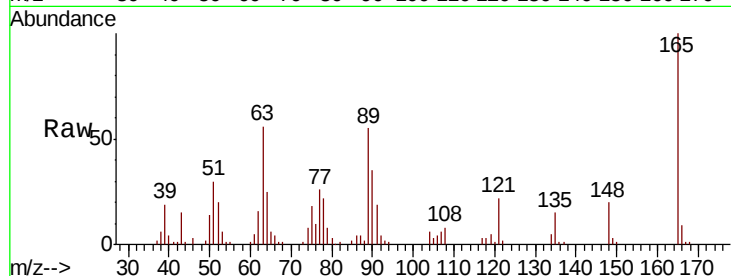
ClientSampleId :

PB116197BSD

Tot Ion:	165	Resp:	57628
Ion Ratio	Lower	Upper	
165	100		
63	55.7	51.8	77.6
89	54.9	47.9	71.9

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#52

Acenaphthene

Concen: 42.114 ng

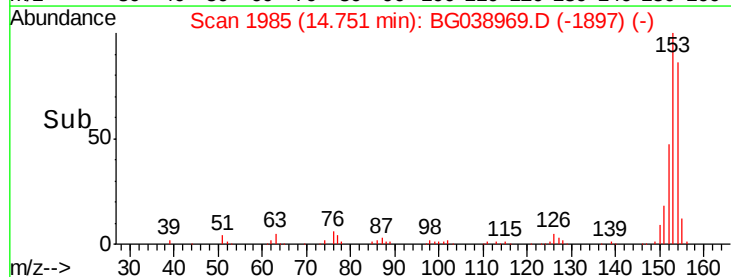
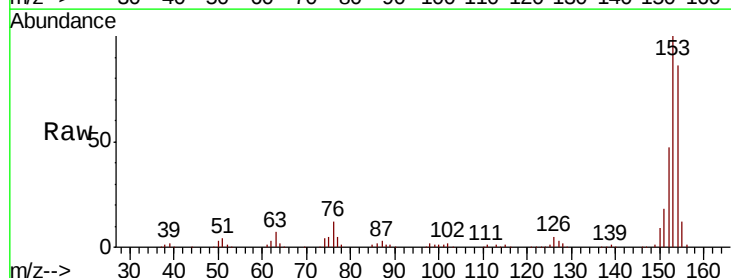
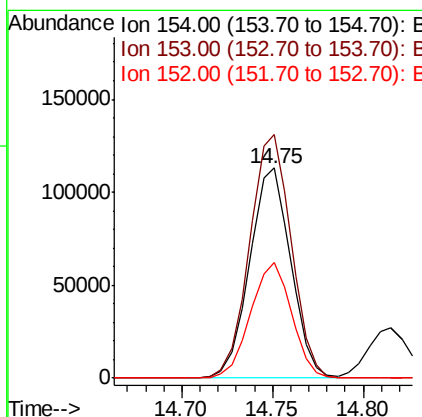
RT: 14.75 min Scan# 1985

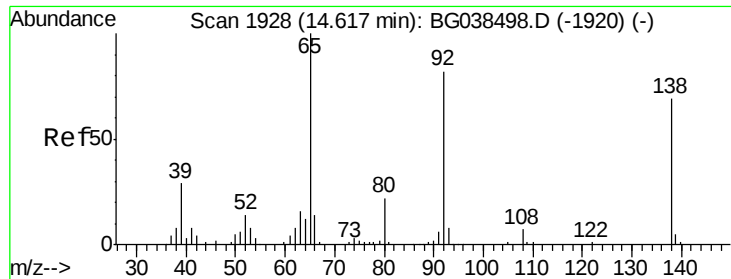
Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	154	Resp:	178242
Ion Ratio	Lower	Upper	
154	100		
153	115.8	90.6	136.0
152	55.0	43.5	65.3





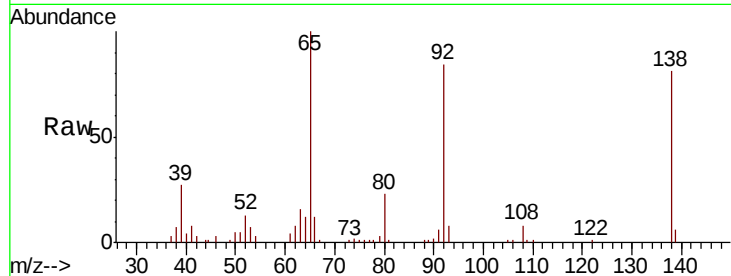
#53
3-Nitroaniline
Concen: 31.594 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

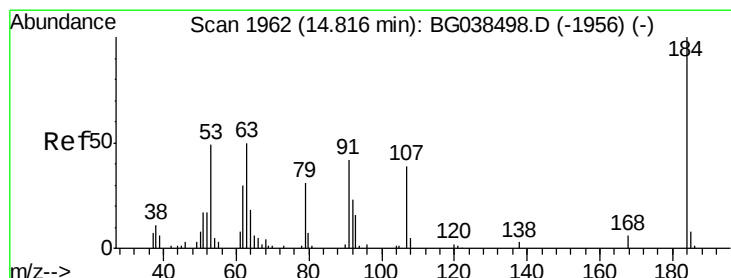
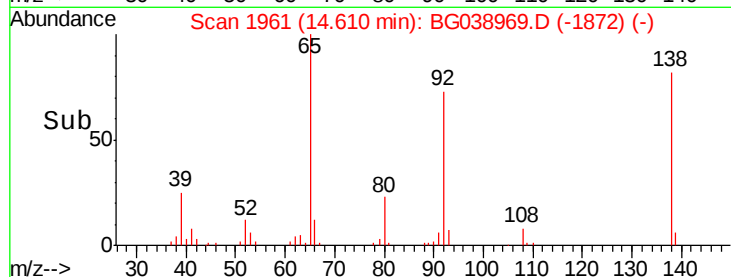
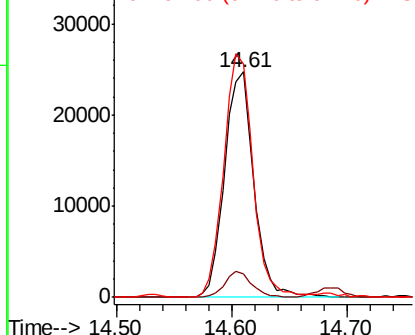
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	103.6	95.3	142.9

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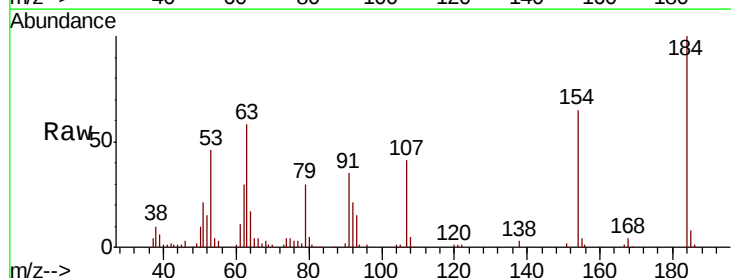


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

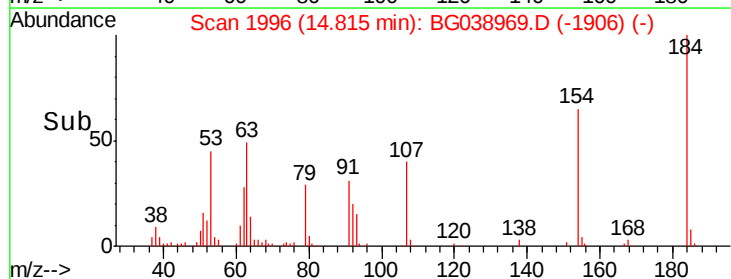
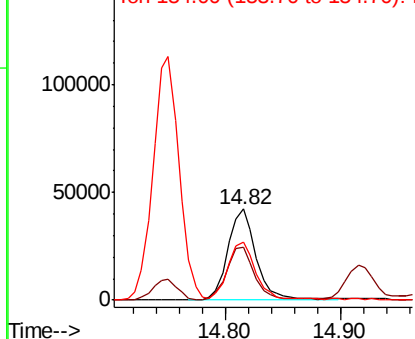


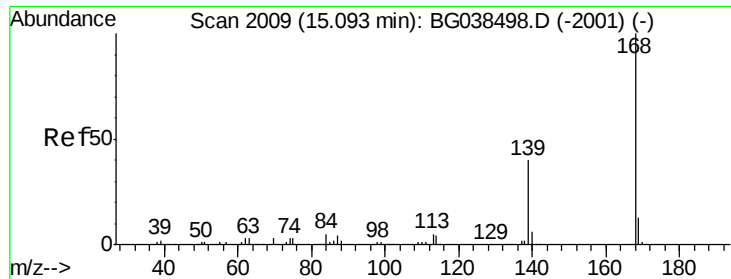
#54
2,4-Dinitrophenol
Concen: 88.845 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	47.0	70.6
154	64.7	50.3	75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





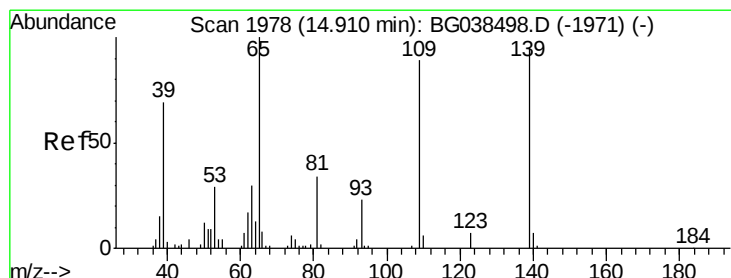
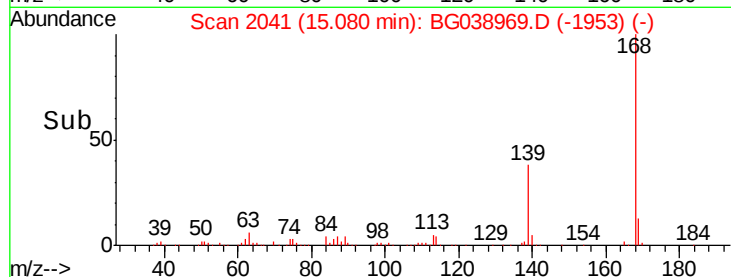
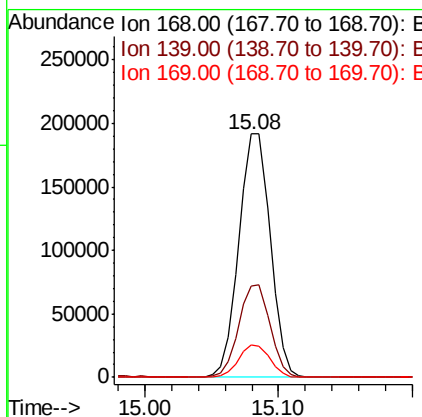
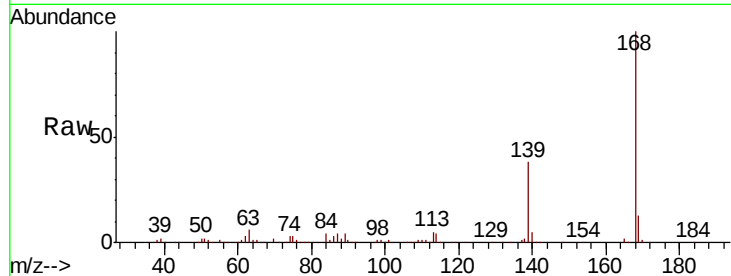
#55
Dibenzenofuran
Concen: 43.031 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2
169	13.4	10.6	16.0

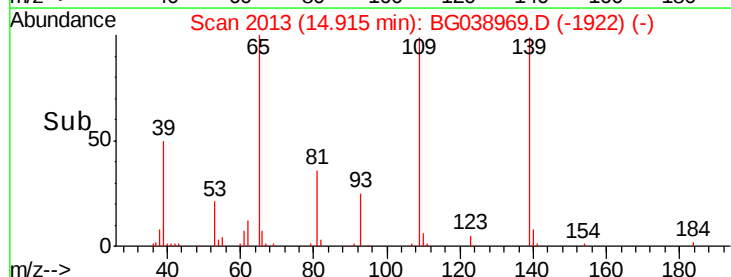
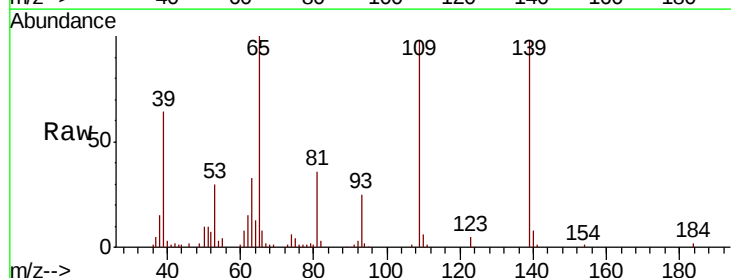
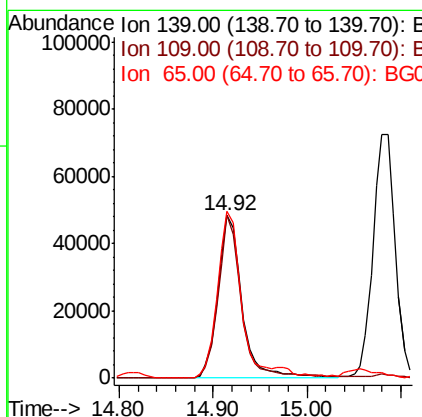
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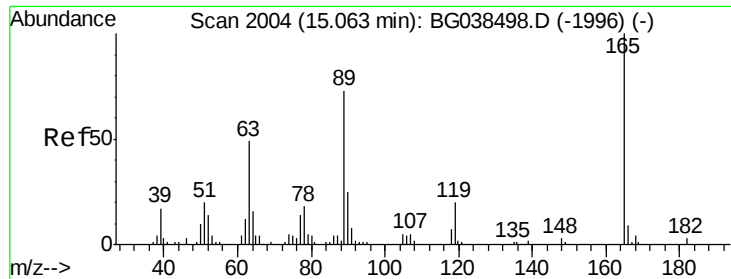
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#56
4-Nitrophenol
Concen: 83.488 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	73.6	113.6
65	102.3	84.8	124.8





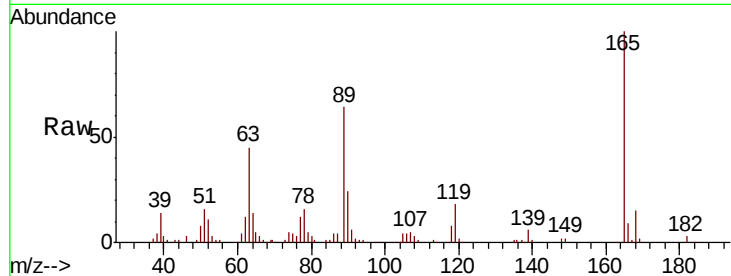
#57
2,4-Dinitrotoluene
Concen: 43.377 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	82666		
63	45.1	39.0	58.4	
89	63.9	58.0	87.0	
182	2.8	2.3	3.5	

Manual Integrations
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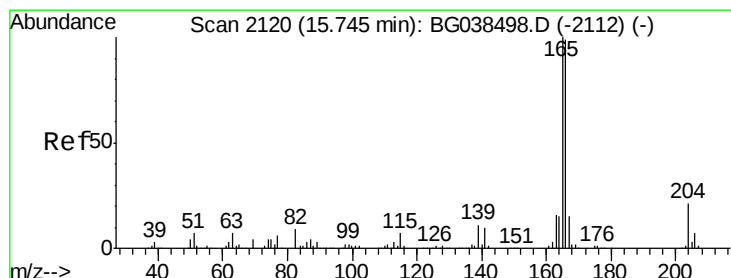
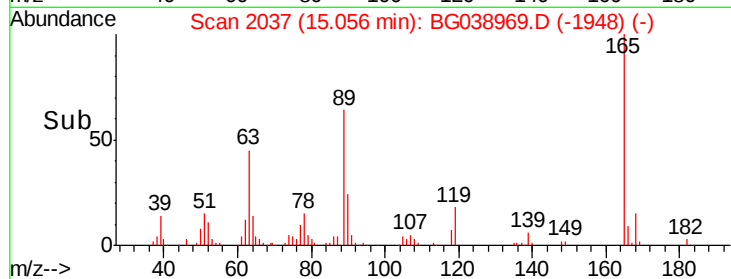
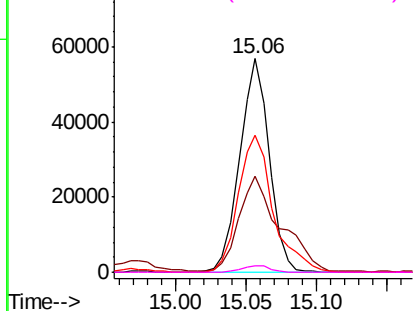
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

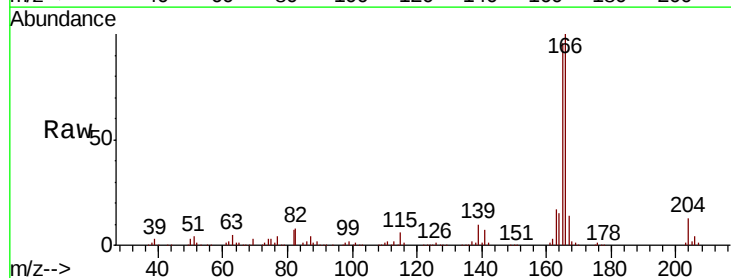
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.257 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	248633		
165	95.7	80.6	120.8	
167	14.3	12.0	18.0	

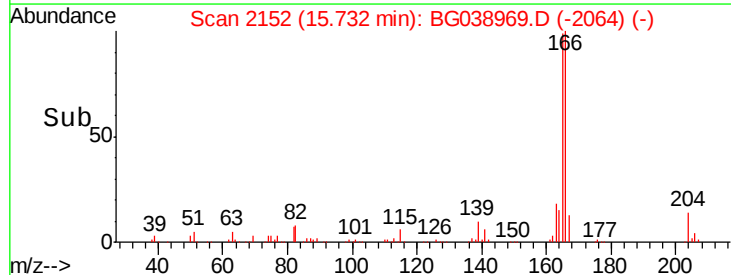
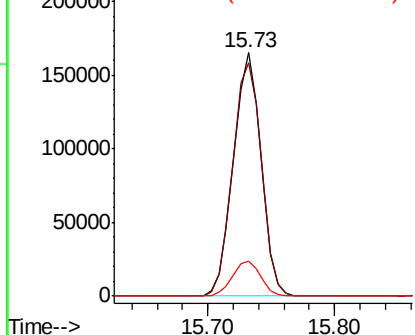


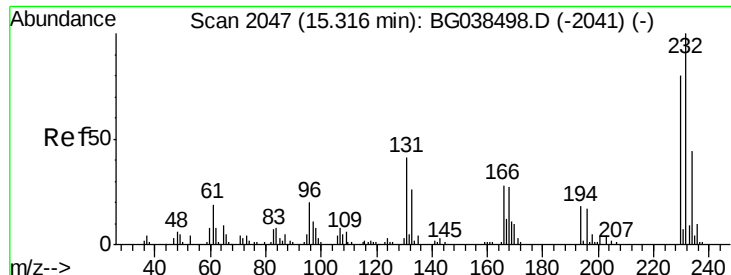
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





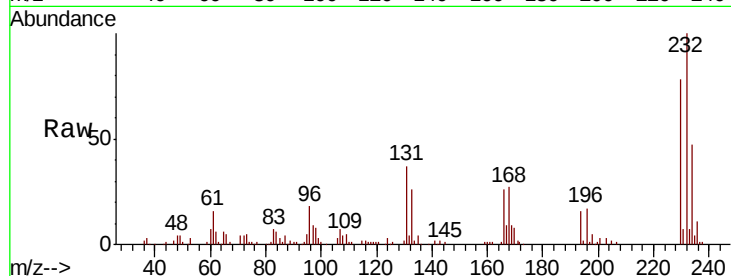
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.258 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion:	232	Resp:	78847
Ion Ratio	Lower	Upper	
232	100		
131	39.0	33.0	49.4
130	2.2	2.0	3.0
166	27.4	23.1	34.7

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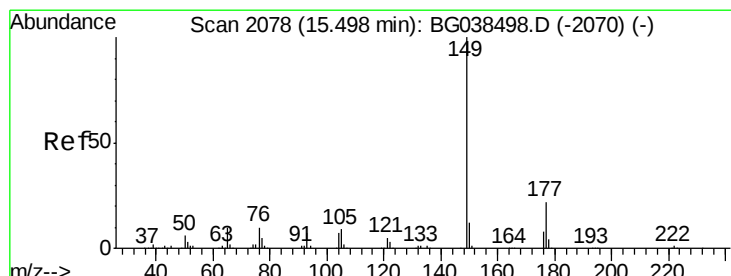
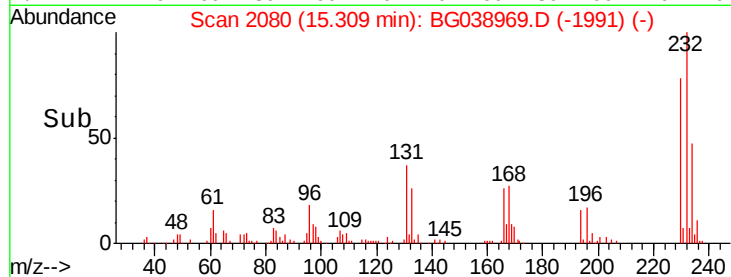
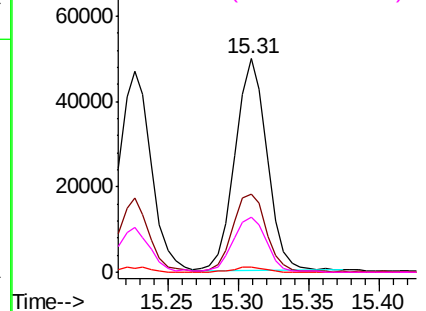
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

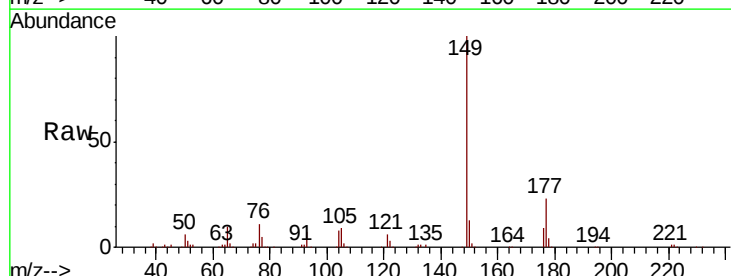
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.244 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion:	149	Resp:	263782
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.7	26.5
150	12.9	9.9	14.9

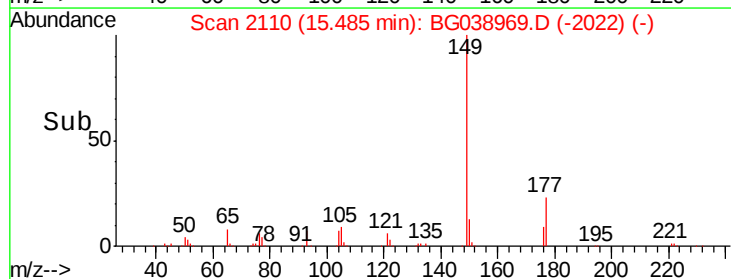
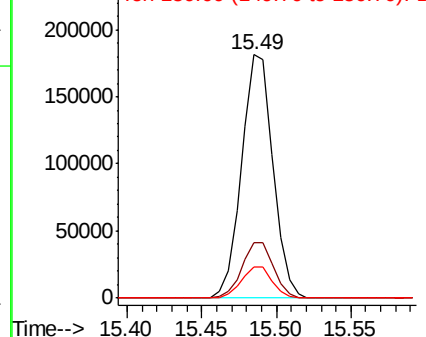


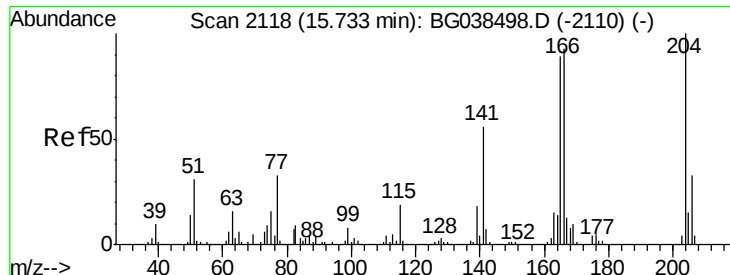
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





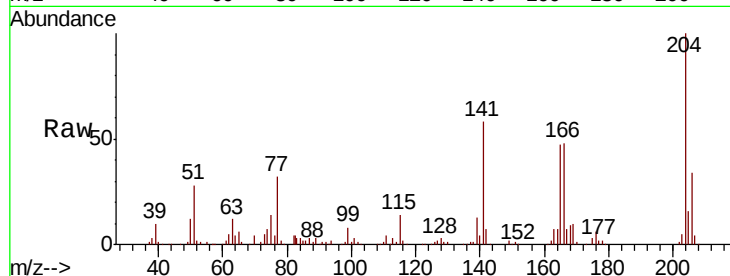
#61
4-Chlorophenyl-phenylether
Concen: 42.444 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	57.7	44.4	66.6

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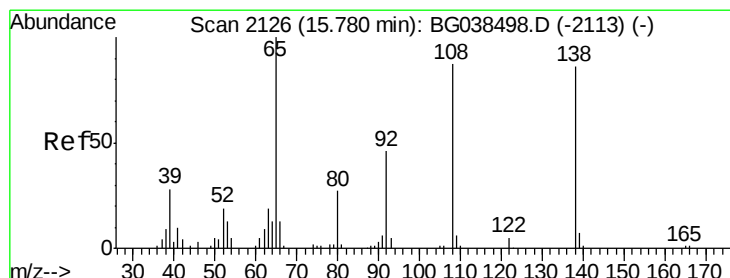
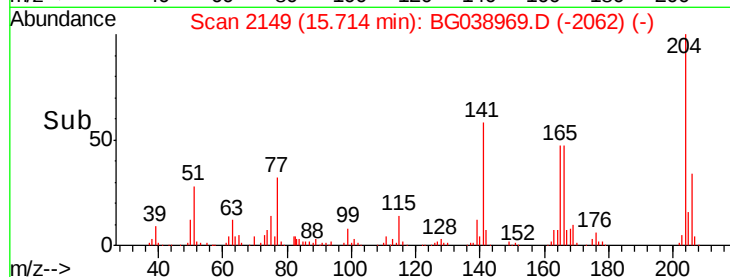
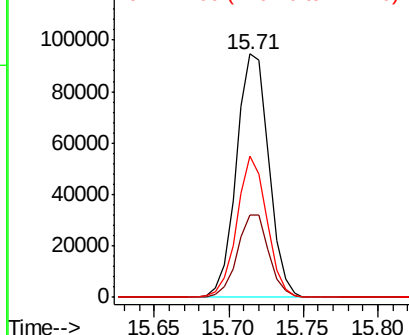


Abundance

Ion 204.00 (203.70 to 204.70): E

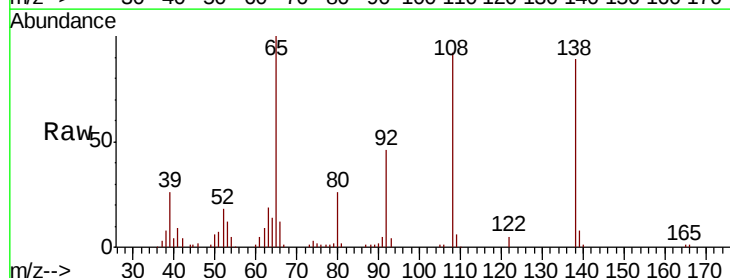
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.131 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	33.3	73.3
108	103.7	81.4	121.4

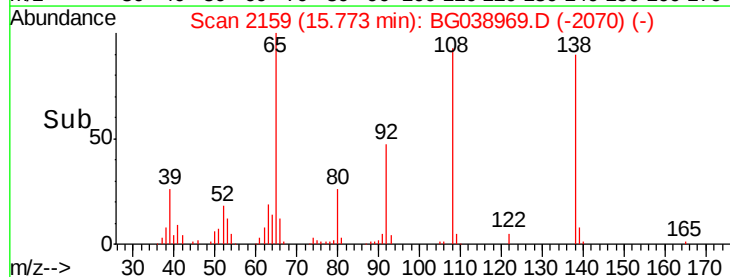
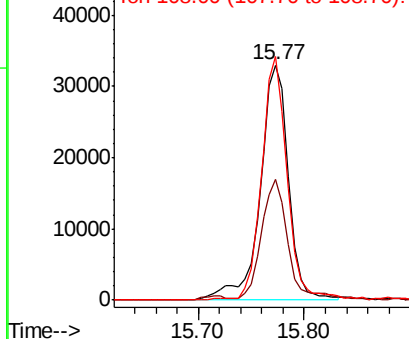


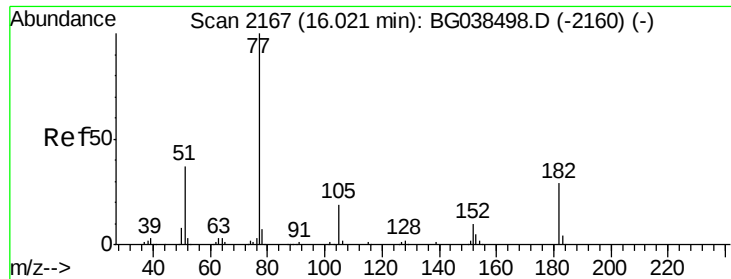
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





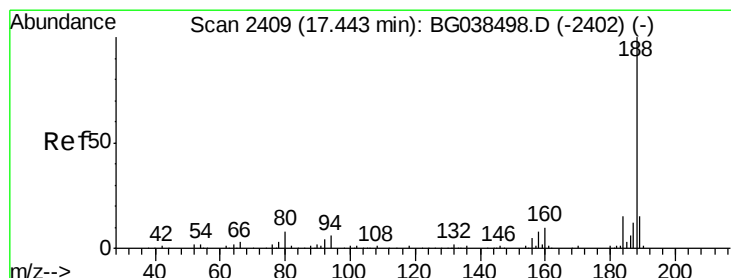
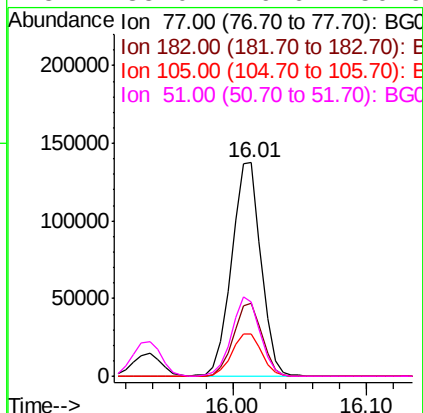
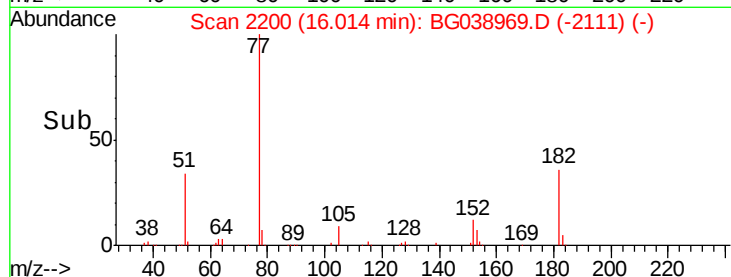
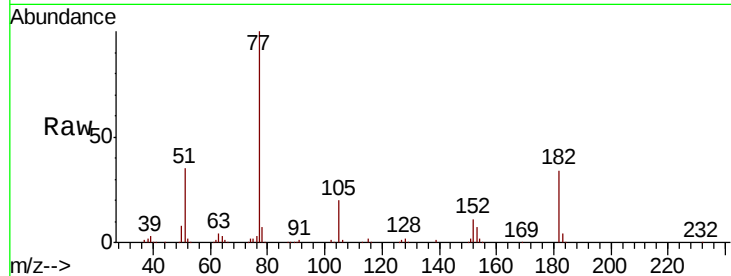
#63
Azobenzene
Concen: 38.469 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		210638		
182	34.1	8.7	48.7		
105	19.9	0.0	38.7		
51	35.0	16.6	56.6		

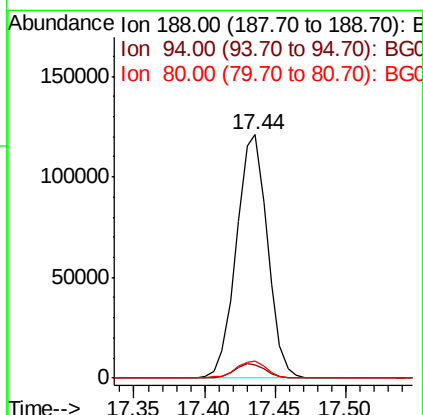
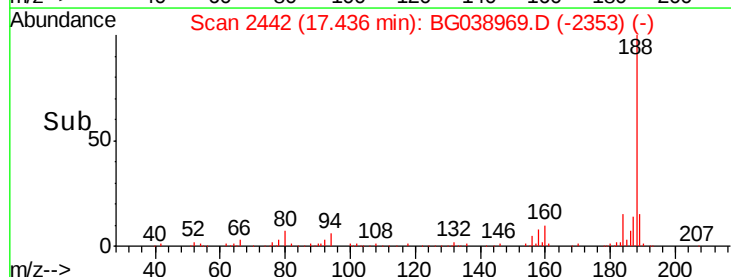
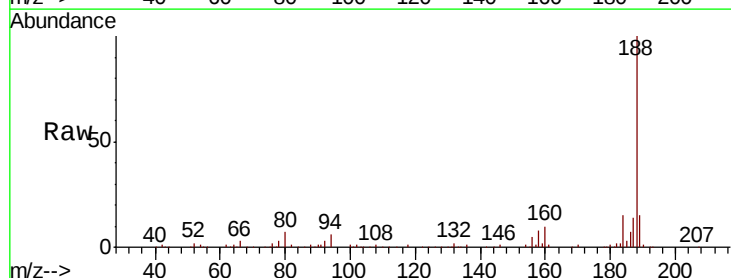
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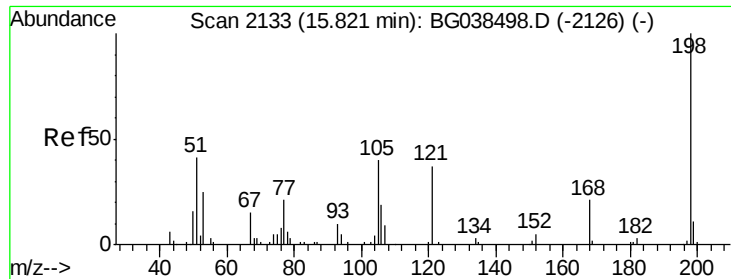
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		186284		
94	5.6	5.1	7.7		
80	7.0	6.1	9.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.955 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

PB116197BSD

Tot Ion:198 Resp: 54423

Ion Ratio Lower Upper

198 100

51 43.4 28.6 68.6

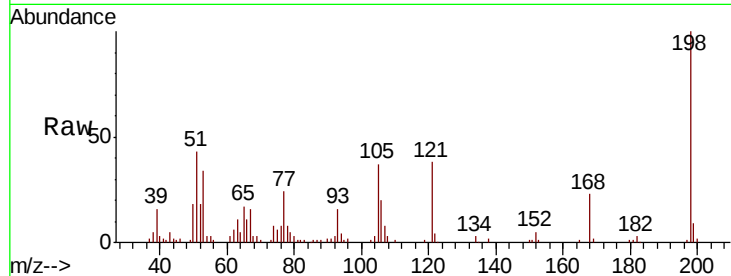
105 36.8 20.4 60.4

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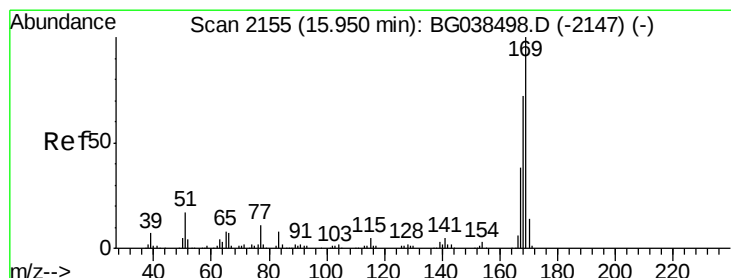
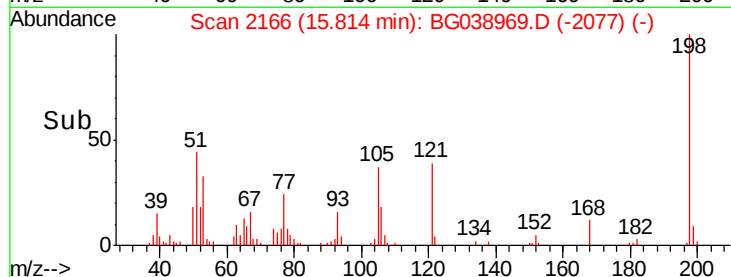
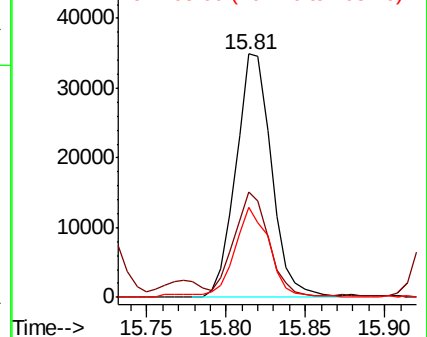
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038498.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.833 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

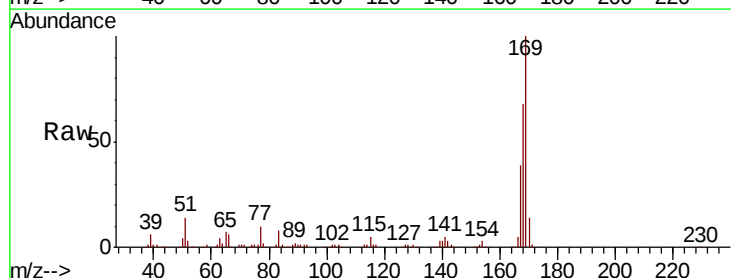
Tgt Ion:169 Resp: 228972

Ion Ratio Lower Upper

169 100

168 68.5 57.5 86.3

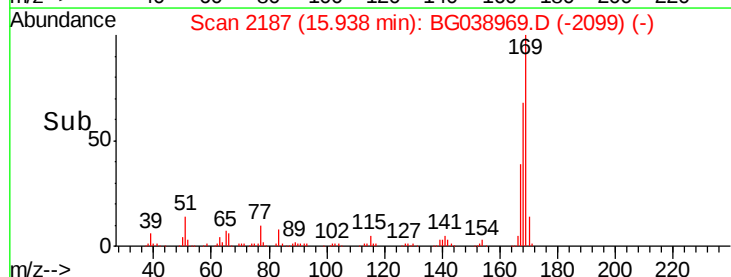
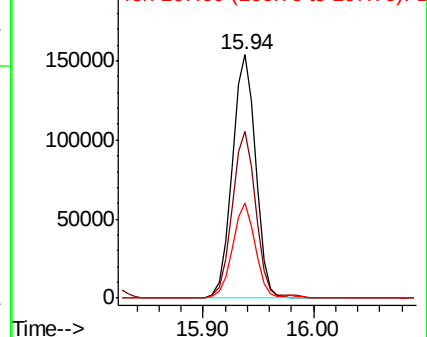
167 38.8 30.2 45.2

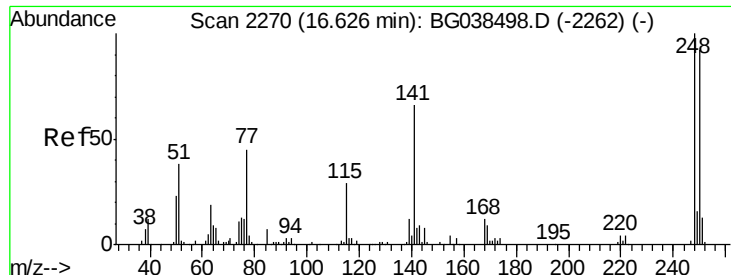


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.171 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

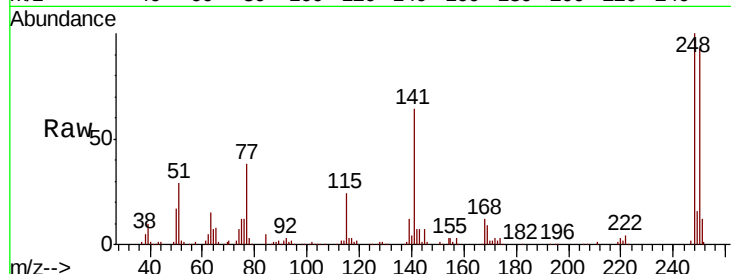
ClientSampleId :

PB116197BSD

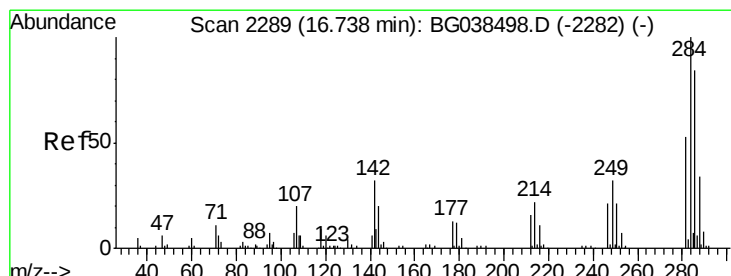
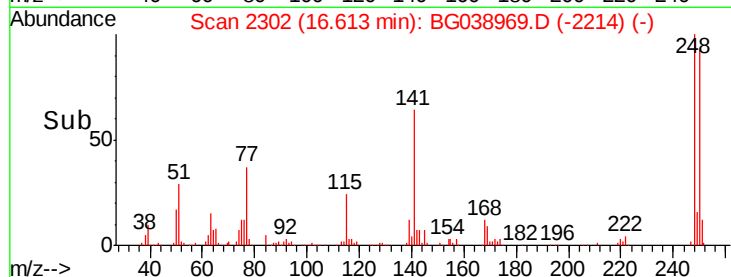
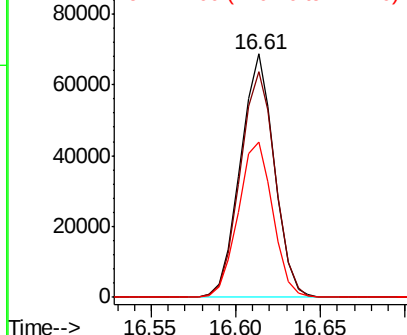
Tot Ion:	248	Resp:	95941
Ion Ratio	Lower	Upper	
248	100		
250	92.6	73.4	110.2
141	63.6	52.9	79.3

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.138 ng

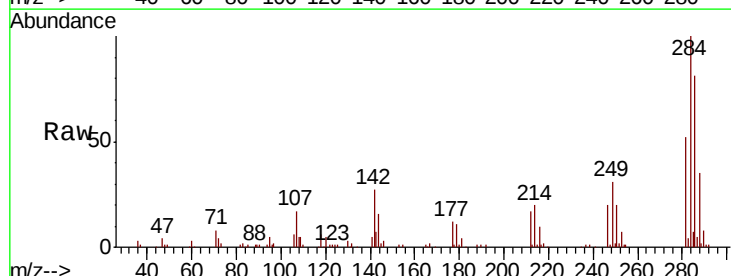
RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

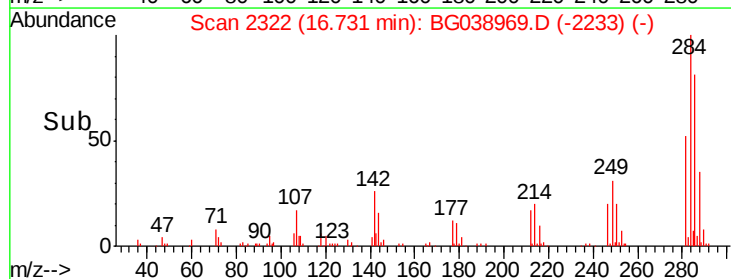
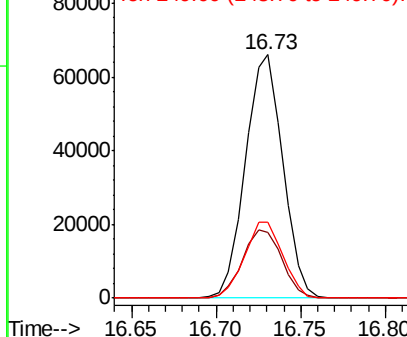
Lab File: BG038969.D

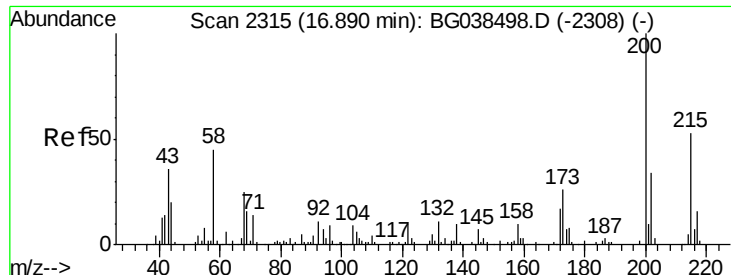
Acq: 7 Jan 2019 16:35

Tgt Ion:	284	Resp:	101735
Ion Ratio	Lower	Upper	
284	100		
142	26.8	25.8	38.6
249	33.5	27.0	40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





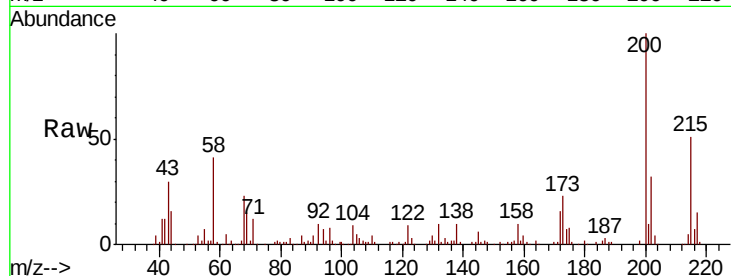
#69
 Atrazine
 Concen: 46.290 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		94026		
173	23.3	5.9	45.9		
215	51.0	33.1	73.1		

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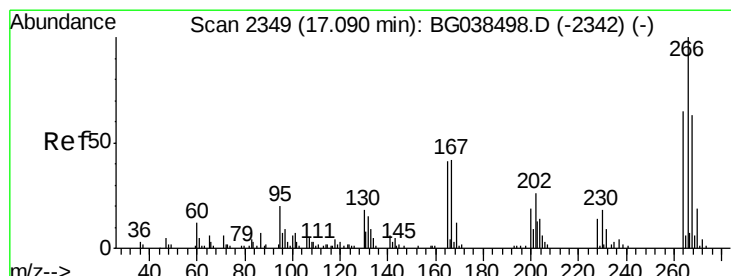
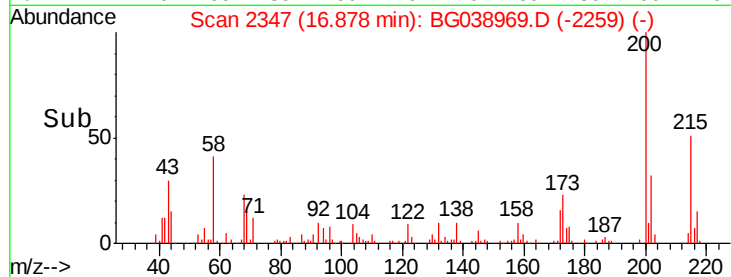
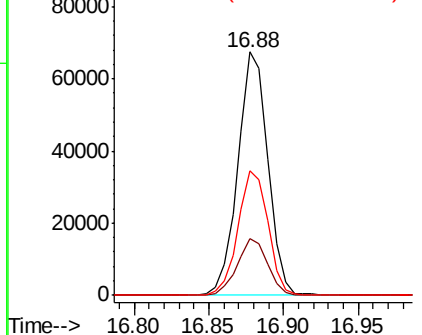


Abundance

Ion 200.00 (199.70 to 200.70): E

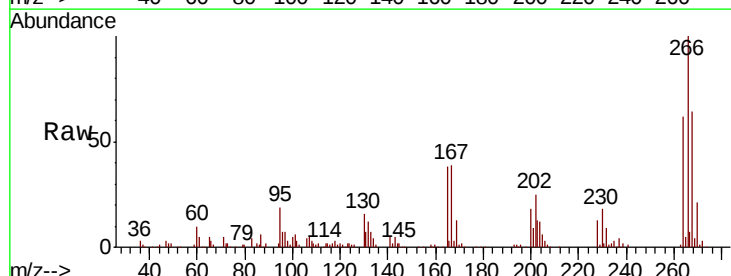
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.774 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		108490		
268	68.3	55.0	82.6		
264	67.3	56.7	85.1		

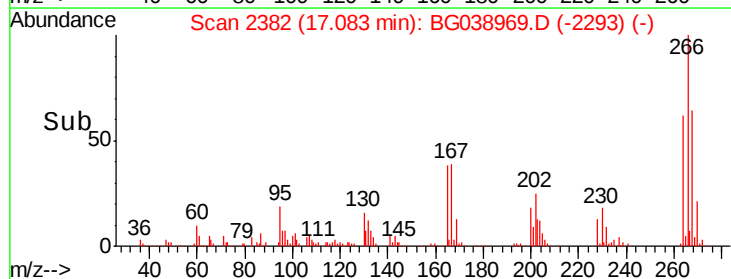
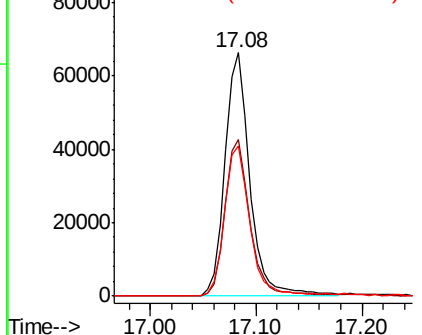


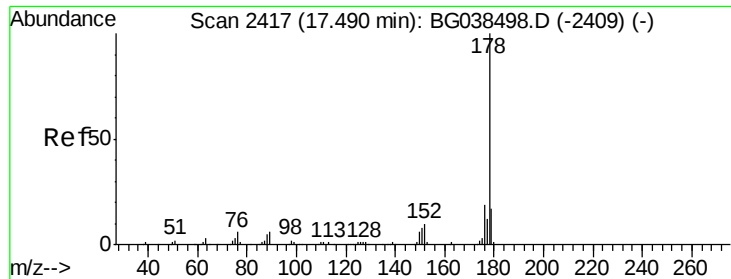
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





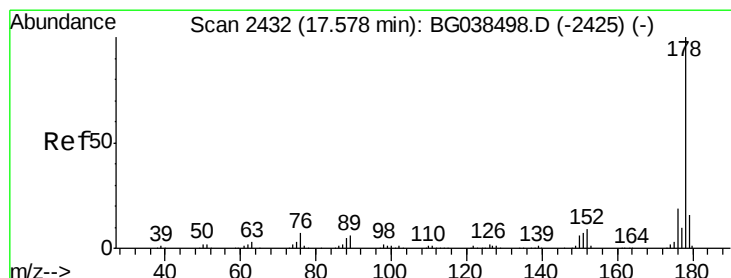
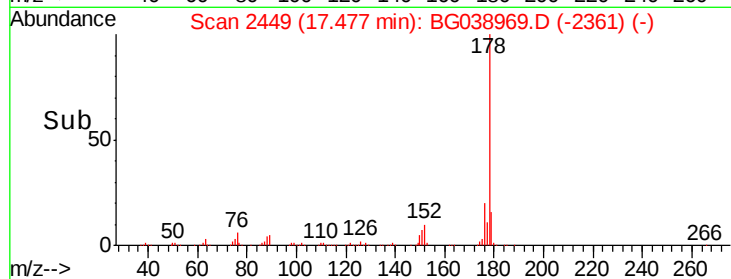
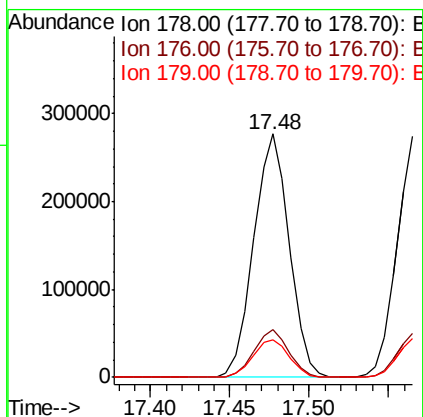
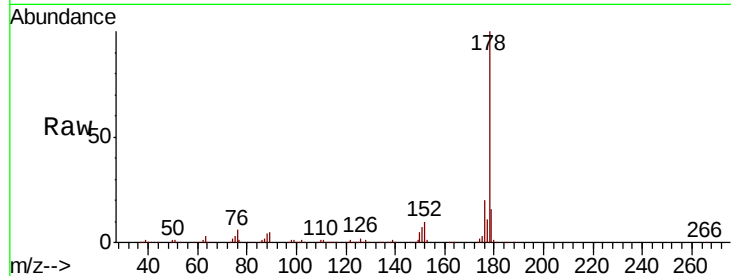
#71
Phenanthrene
Concen: 44.735 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.6	13.2	19.8

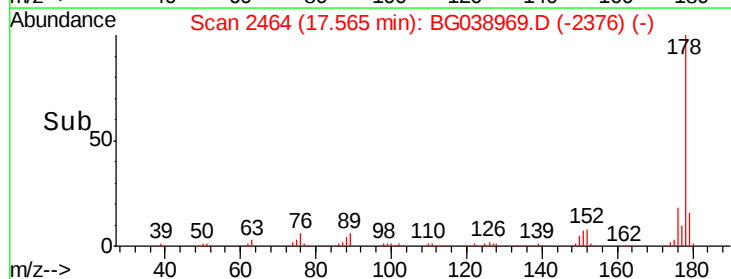
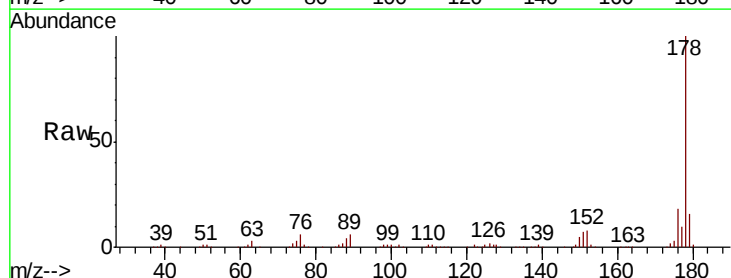
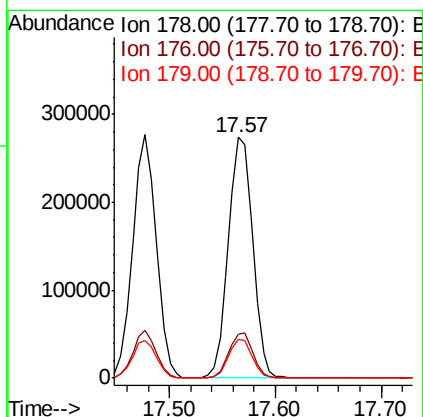
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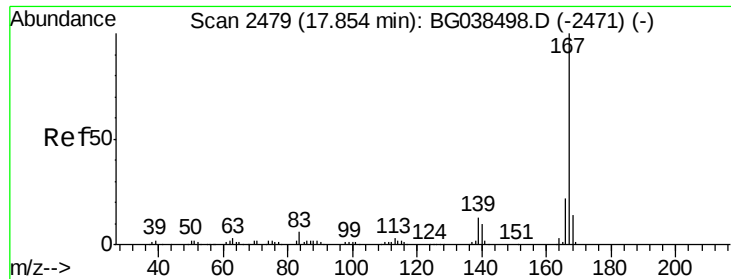
Sohil
1/8/2019 4:49:11 PM



#72
Anthracene
Concen: 45.575 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	16.2	12.9	19.3





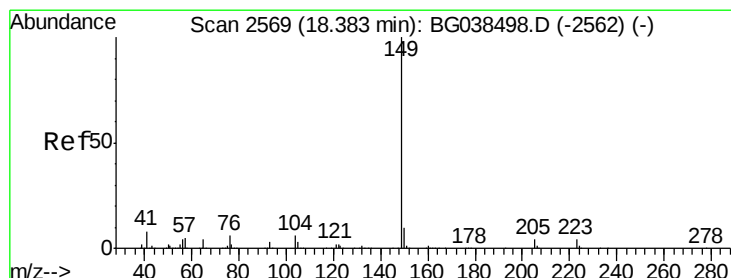
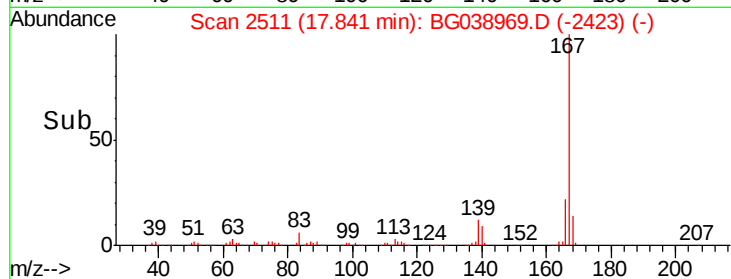
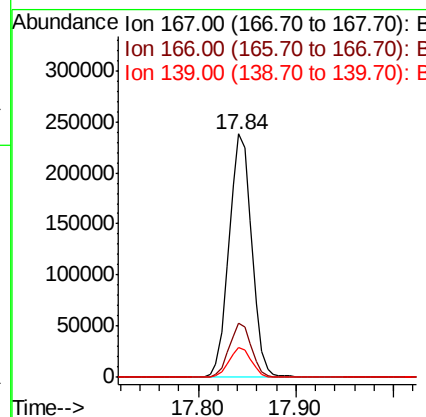
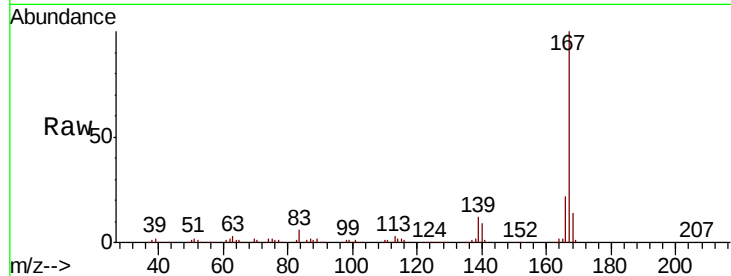
#73
 Carbazole
 Concen: 40.817 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116197BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.3	10.2	15.2

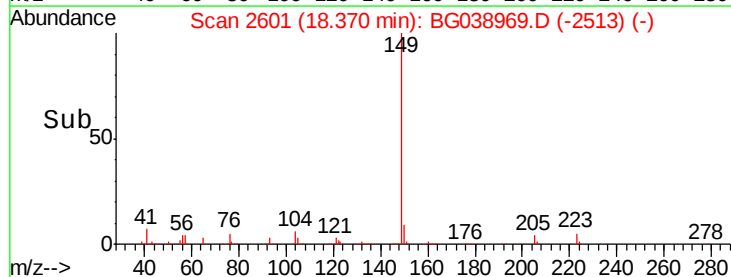
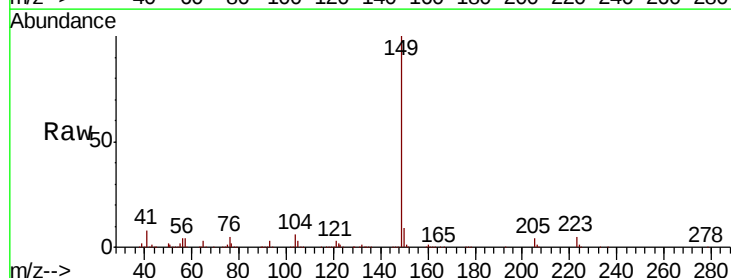
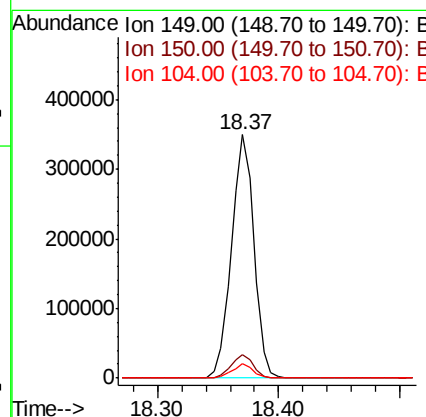
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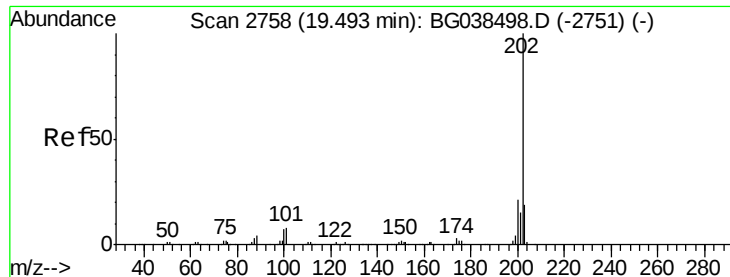
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#74
 Di-n-butylphthalate
 Concen: 41.543 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038969.D
 Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 44.988 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

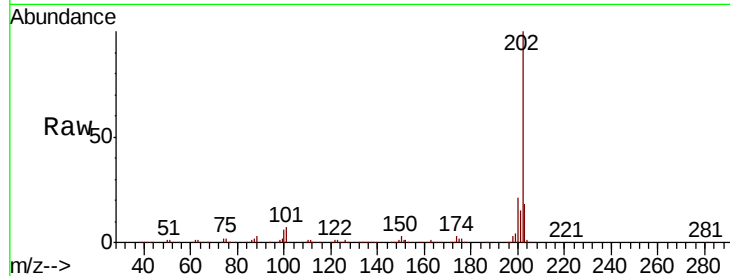
ClientSampleId :

PB116197BSD

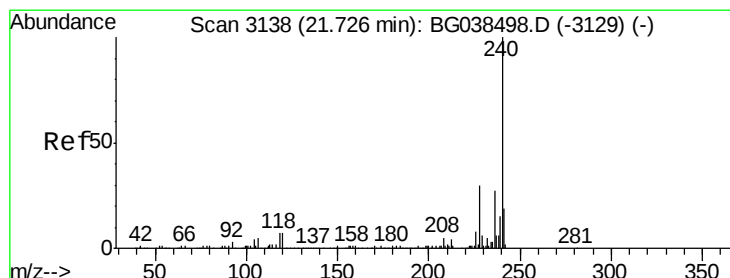
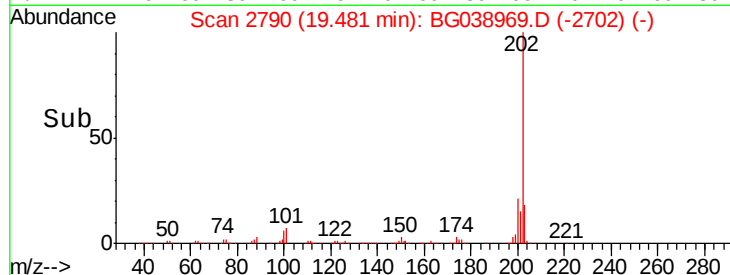
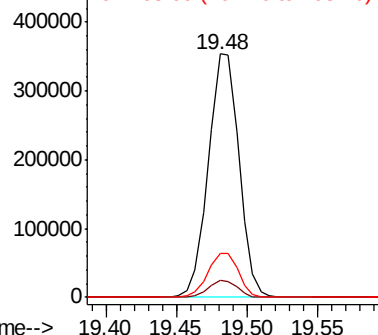
Tot Ion:	202	Resp:	537708
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.1
203	18.3	0.0	39.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

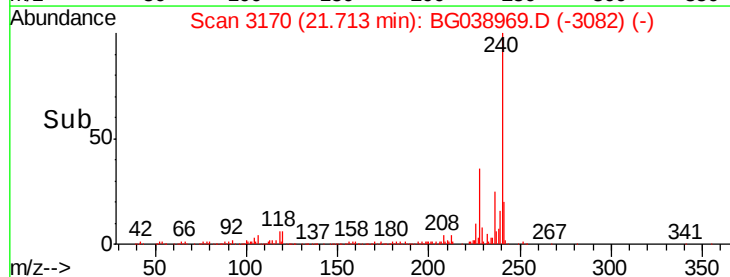
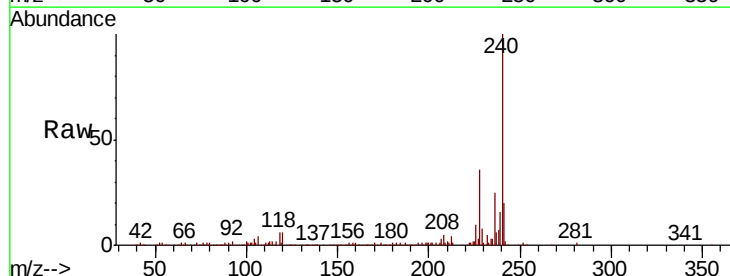
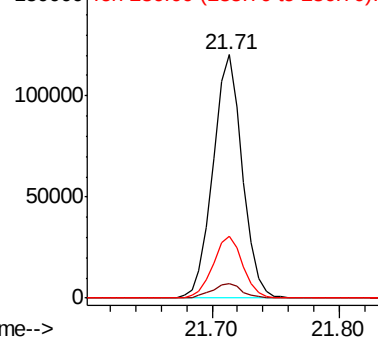
Delta R.T. -0.01 min

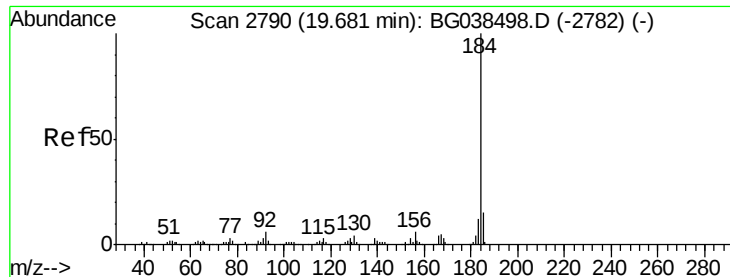
Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	240	Resp:	192391
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.3	7.9
236	25.5	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.463 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

ClientSampleId :

PB116197BSD

Tot Ion:184 Resp: 201779

Ion Ratio Lower Upper

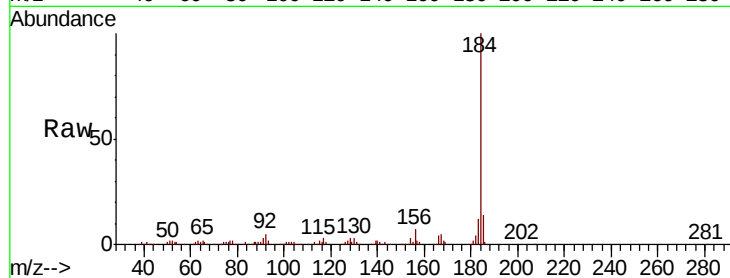
184 100

185 14.4 12.2 18.2

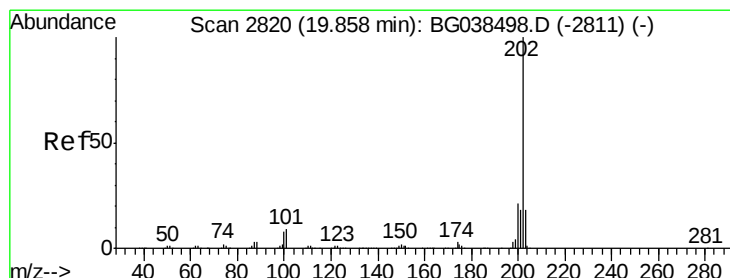
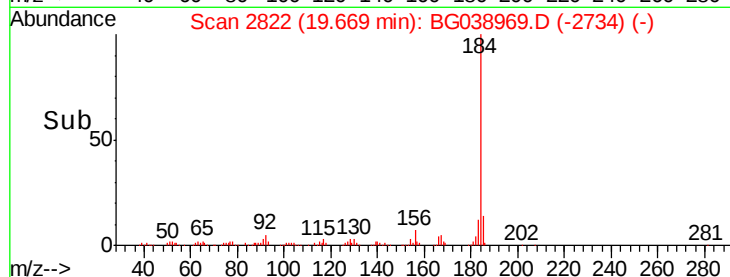
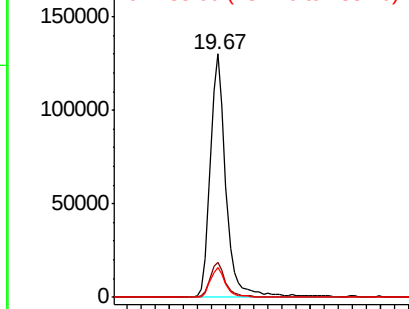
183 12.1 9.6 14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.006 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

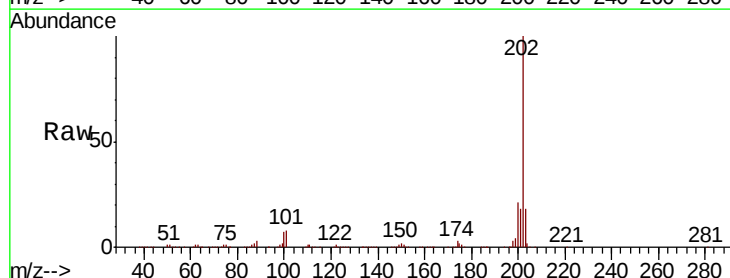
Tgt Ion:202 Resp: 533890

Ion Ratio Lower Upper

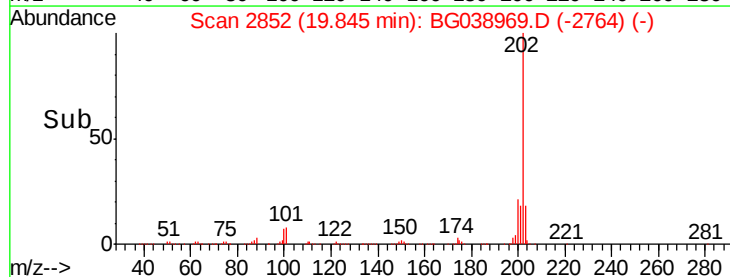
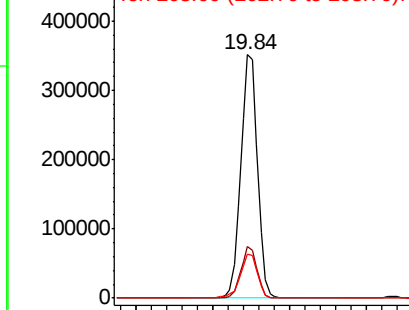
202 100

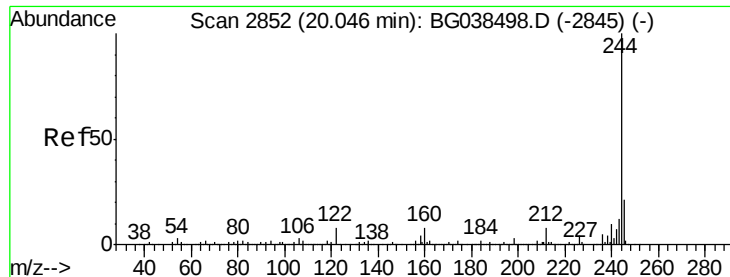
200 21.1 16.6 25.0

203 18.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.000 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

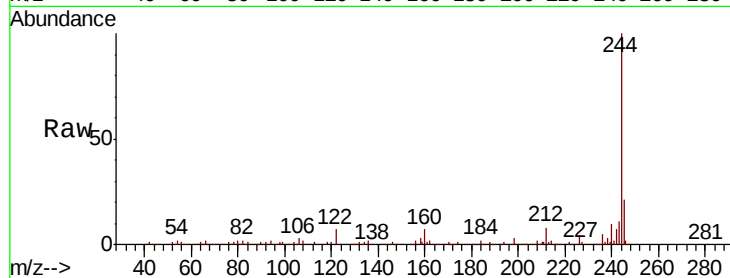
ClientSampleId :

PB116197BSD

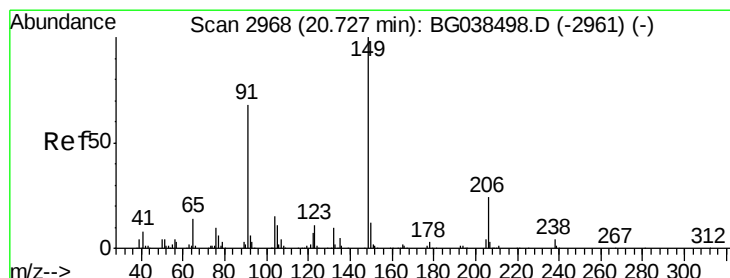
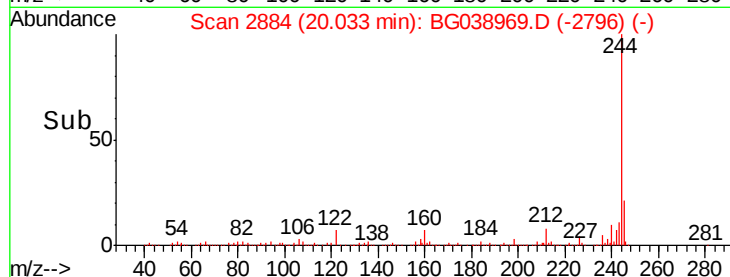
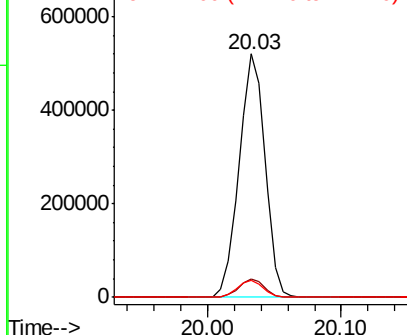
Tot Ion:	244	Resp:	698374
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.8	6.3	9.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.464 ng

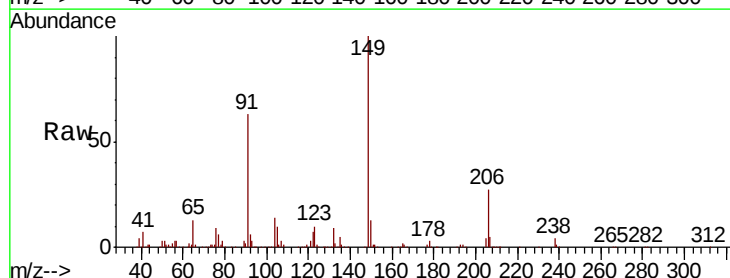
RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

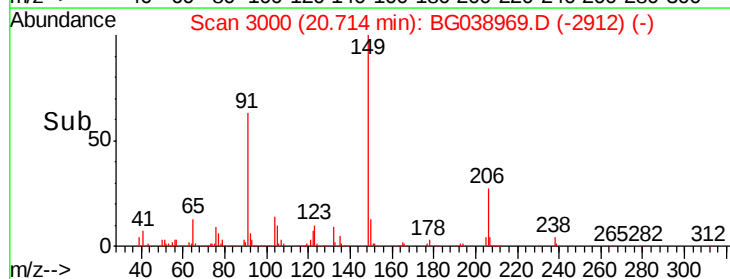
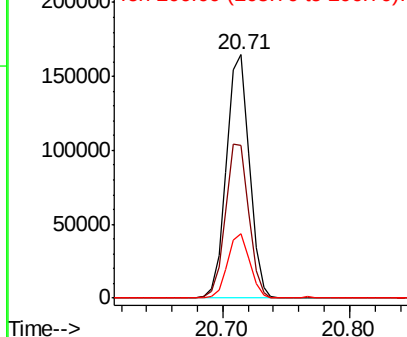
Lab File: BG038969.D

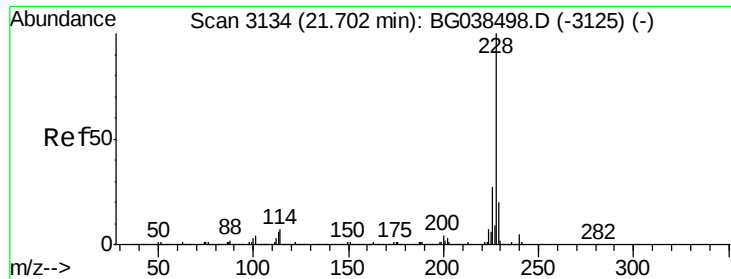
Acq: 7 Jan 2019 16:35

Tgt Ion:	149	Resp:	205893
Ion Ratio		Lower	Upper
149	100		
91	62.9	54.5	81.7
206	26.5	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





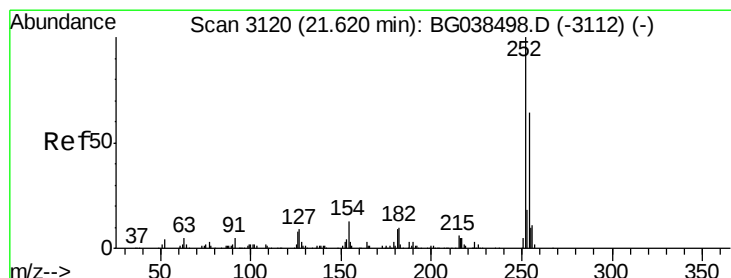
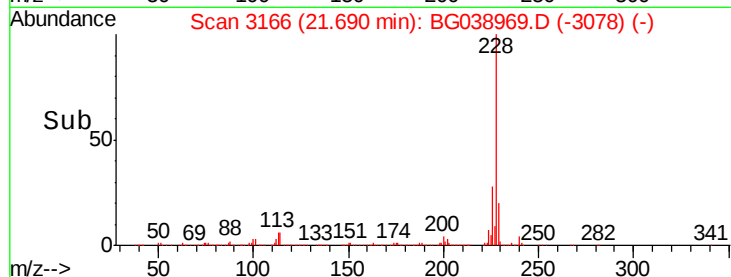
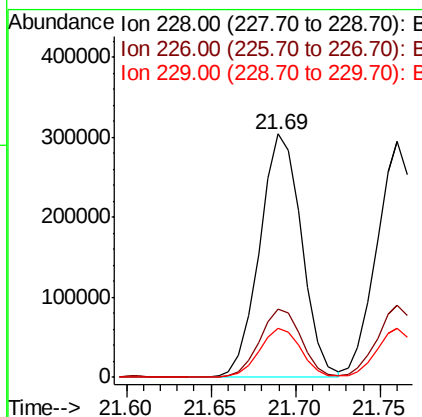
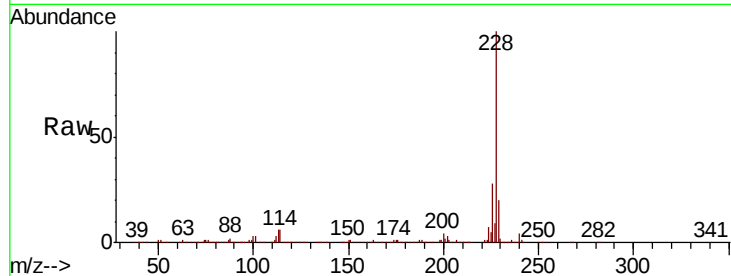
#81
Benzo(a)anthracene
Concen: 44.857 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	19.9	15.8	23.6

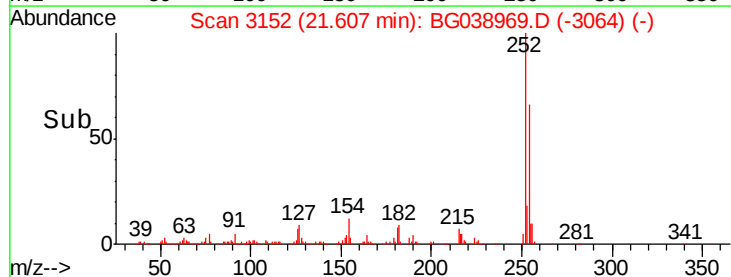
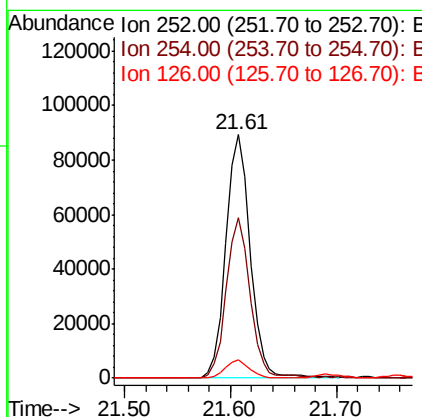
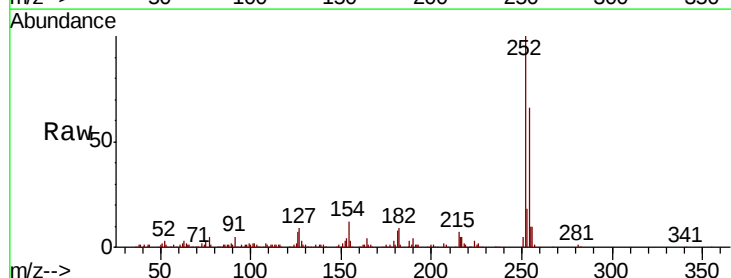
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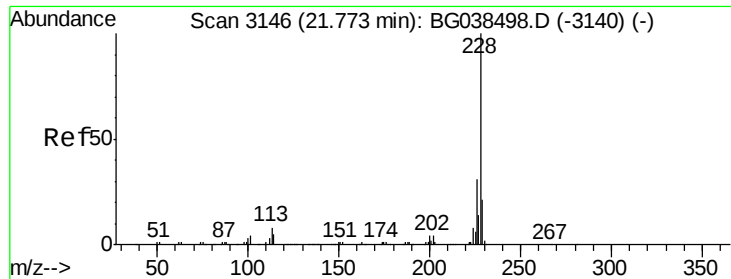
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#82
3,3'-Dichlorobenzidine
Concen: 30.709 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.9	76.3
126	7.4	6.3	9.5





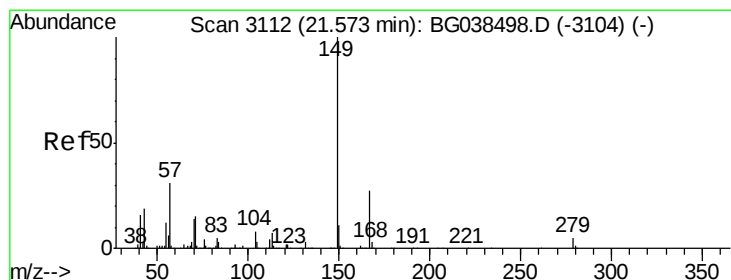
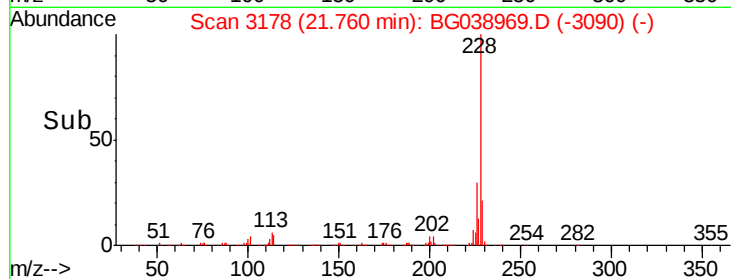
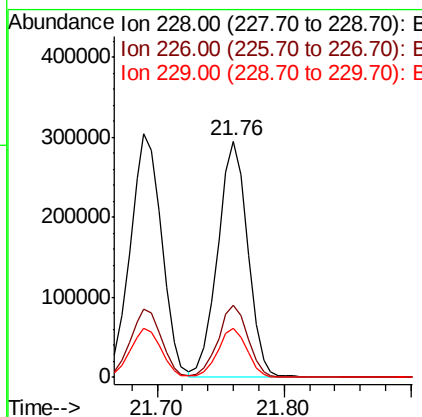
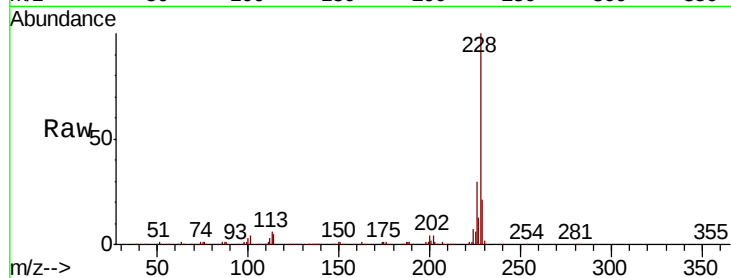
#83
Chrysene
Concen: 42.722 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.8	16.5	24.7

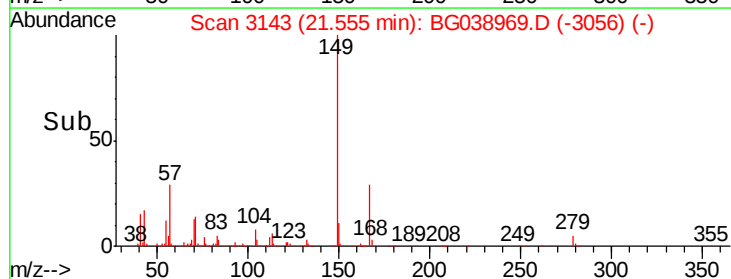
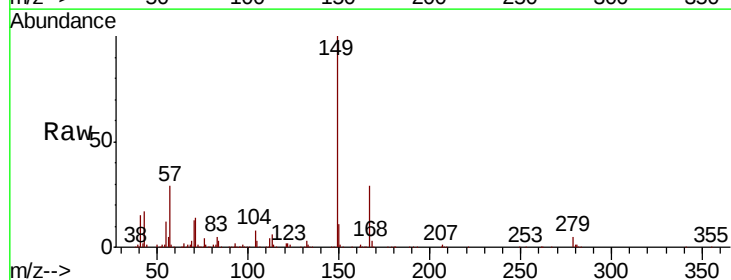
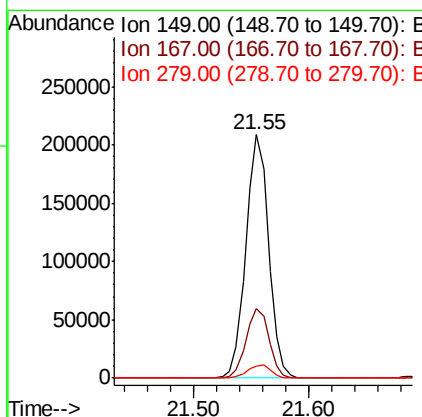
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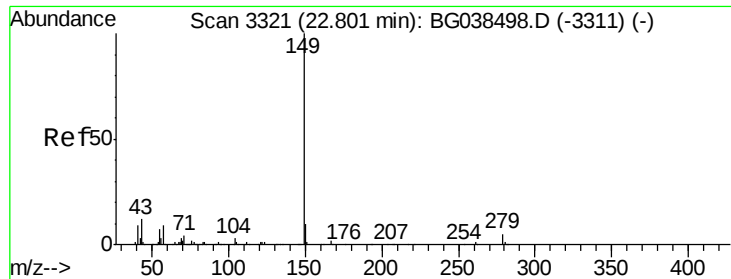
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.602 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	4.9	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.035 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

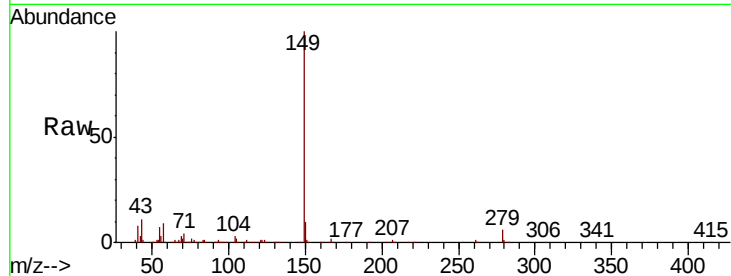
ClientSampleId :

PB116197BSD

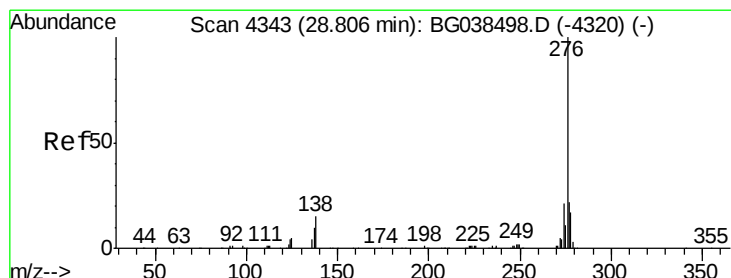
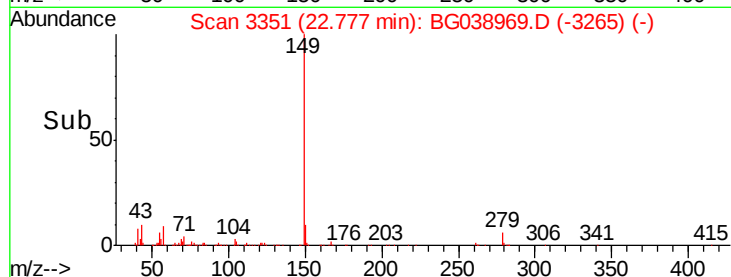
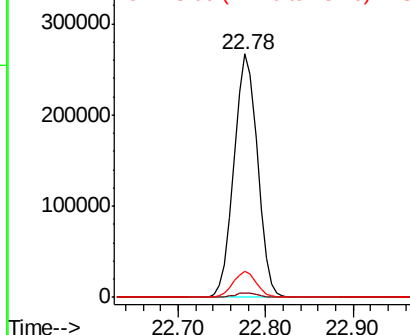
Tot Ion:	149	Resp:	483988
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	10.5	9.3	13.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.354 ng

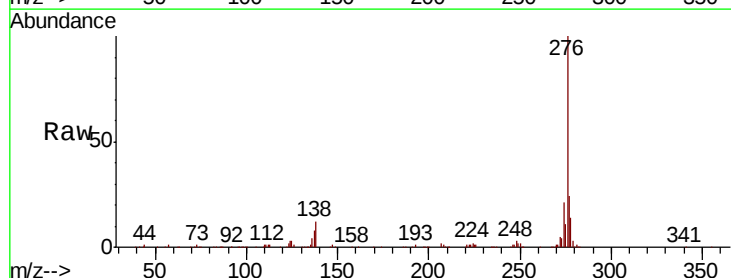
RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

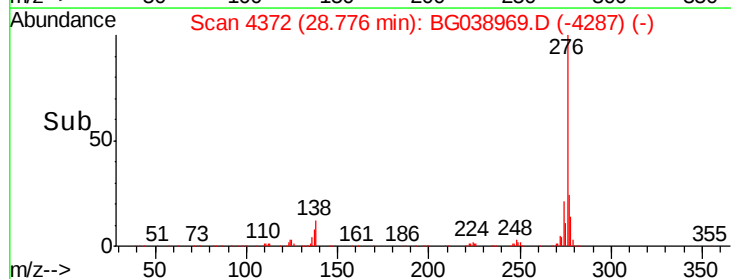
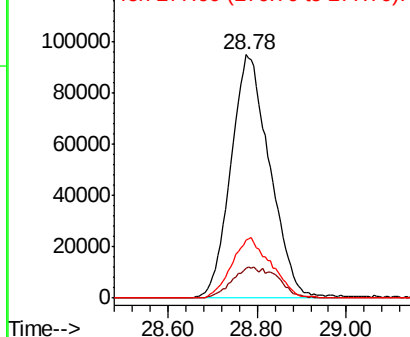
Lab File: BG038969.D

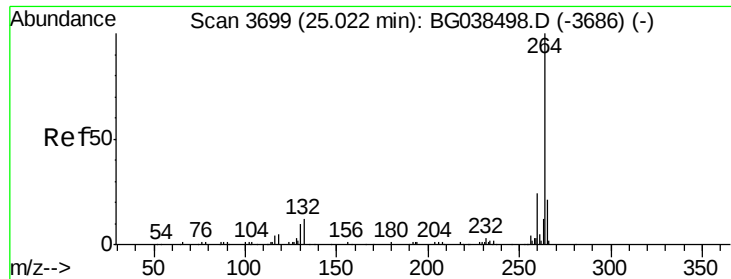
Acq: 7 Jan 2019 16:35

Tgt Ion:	276	Resp:	575548
Ion Ratio	Lower	Upper	
276	100		
138	14.9	14.4	21.6
277	25.2	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





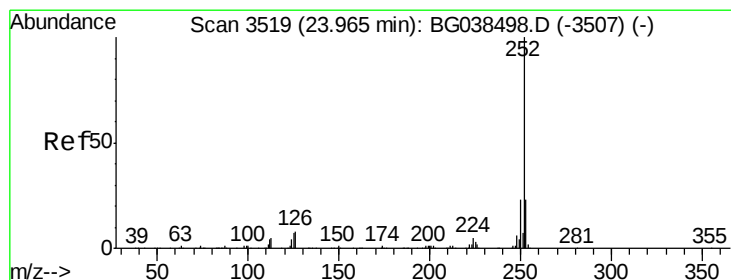
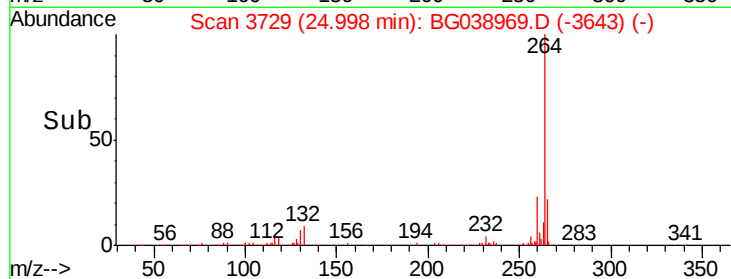
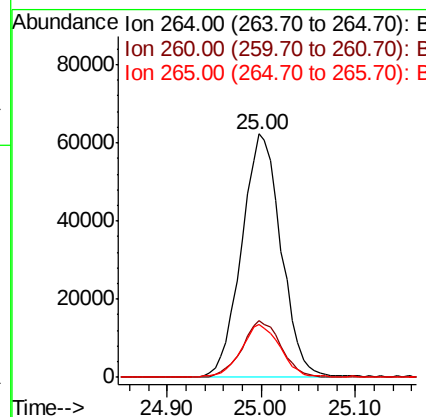
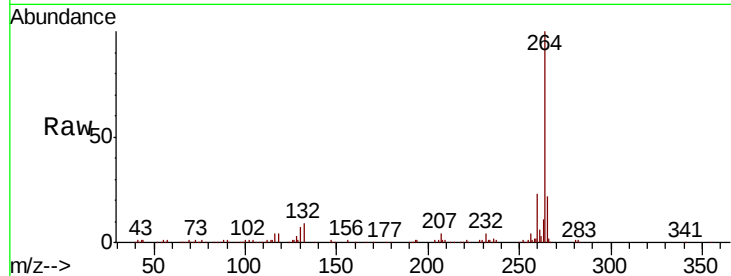
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.9	17.0	25.4

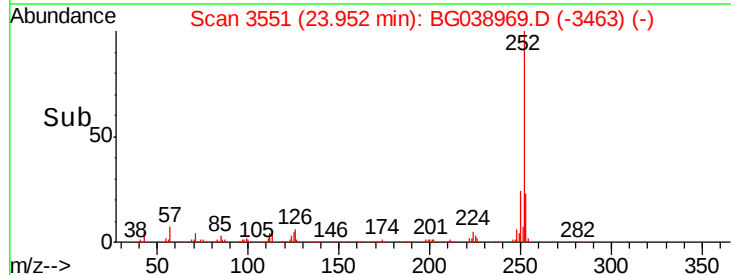
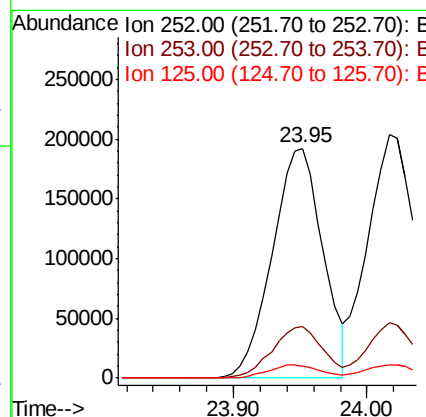
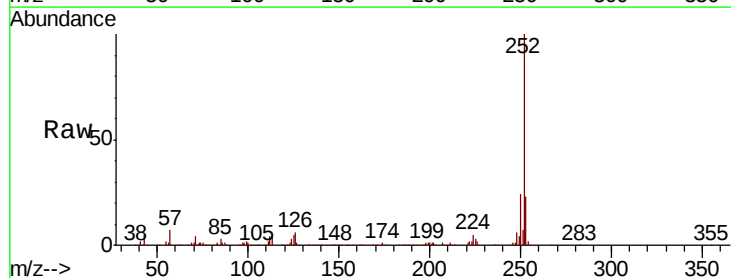
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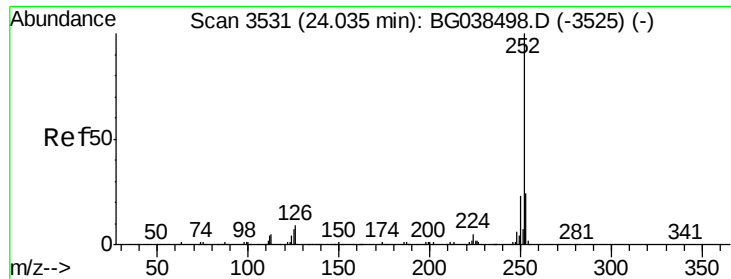
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#88
Benzo(b)fluoranthene
Concen: 50.906 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	5.4	5.5	8.3#





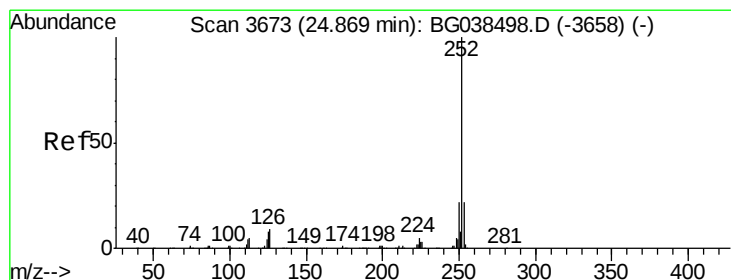
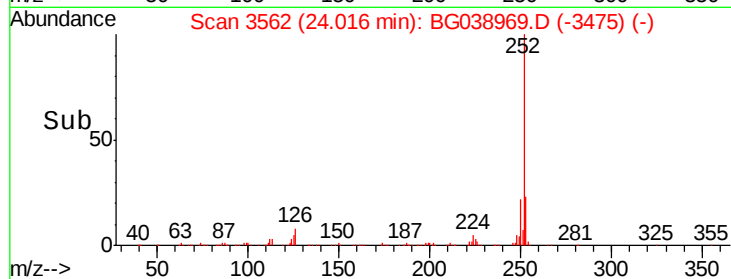
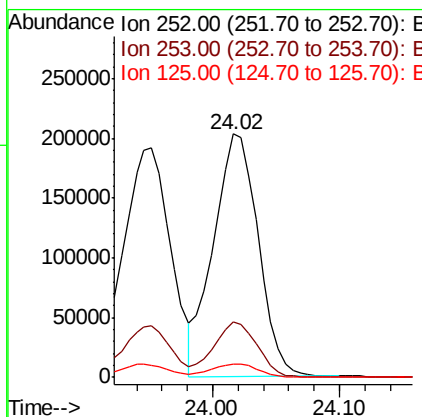
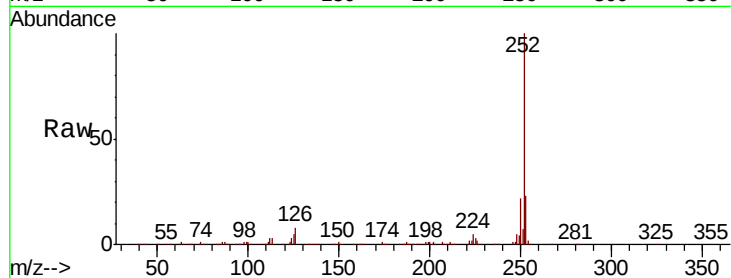
#89
Benzo(k)fluoranthene
Concen: 50.309 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB116197BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	5.3	5.4	8.2

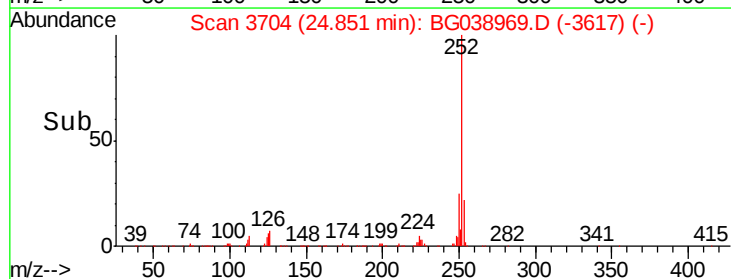
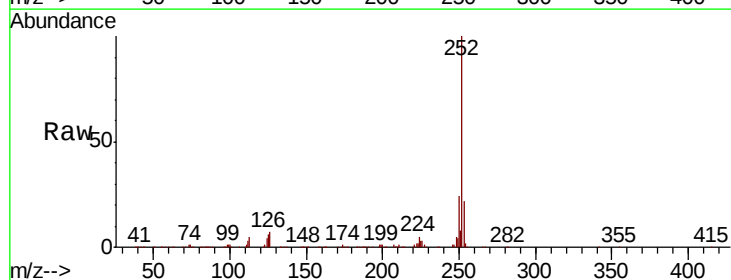
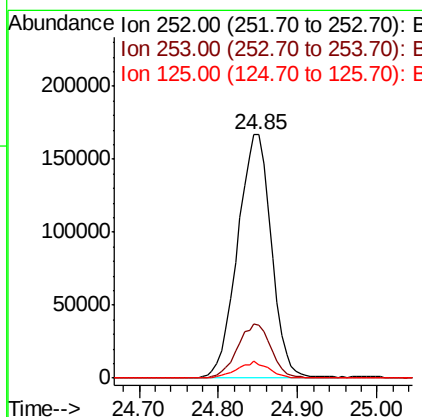
Manual Integrations
APPROVED

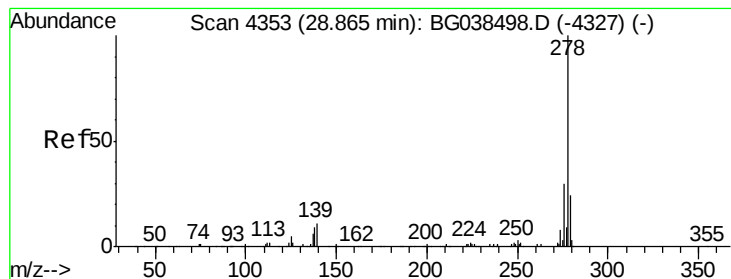
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#90
Benzo(a)pyrene
Concen: 51.564 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038969.D
Acq: 7 Jan 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	5.6	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 49.837 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Instrument :

BNA_G

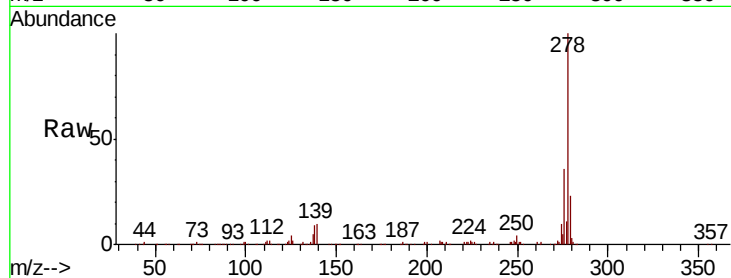
ClientSampleId :

PB116197BSD

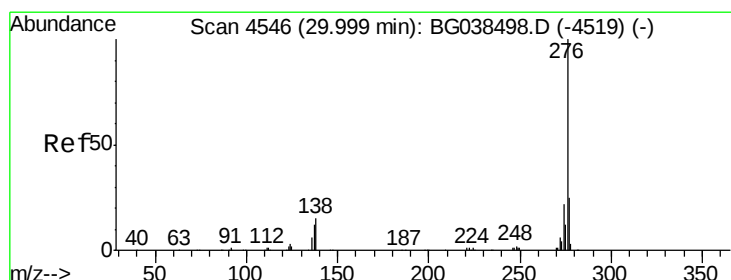
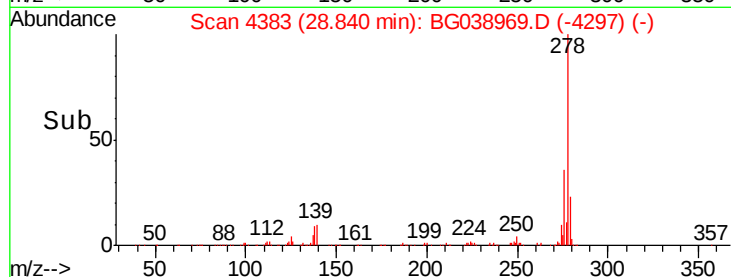
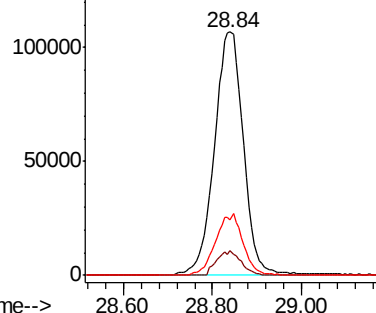
Tot Ion:	278	Resp:	475995
Ion Ratio	Lower	Upper	
278	100		
139	10.3	8.6	12.8
279	23.0	19.0	28.6

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.824 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038969.D

Acq: 7 Jan 2019 16:35

Tgt Ion:	276	Resp:	478385
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.8	29.8
138	12.0	11.8	17.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

