

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038949.D
 Acq On : 5 Jan 2019 4:57
 Operator : JU/SJ
 Sample : PB116155BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Manual Integrations
 APPROVED

Sohil
 1/7/2019 12:48:25 PM

Quant Time: Jan 06 22:59:45 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	23773	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	94359	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	67736	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	177425	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	177665	20.00	ng	-0.01
87) Perylene-d12	25.01	264	195851	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	129403	96.54	ng	0.00
7) Phenol-d6	7.21	99	175916	95.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	104165	56.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	102908	110.24	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	289016	58.53	ng	-0.02
79) Terphenyl-d14	20.03	244	580023	71.05	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	12391	19.863 ng	95
3) Pyridine	3.88	79	36038	20.983 ng	96
4) n-Nitrosodimethylamine	3.81	42	21442	25.480 ng	85
6) Aniline	7.37	93	29543	12.577 ng	98
8) 2-Chlorophenol	7.61	128	47967	30.925 ng	98
9) Benzaldehyde	7.19	77	18789	15.741 ng	88
10) Phenol	7.24	94	60472	30.934 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	39187	25.178 ng	92
12) 1,3-Dichlorobenzene	7.93	146	50660	27.623 ng	97
13) 1,4-Dichlorobenzene	8.08	146	52133	27.756 ng	92
14) 1,2-Dichlorobenzene	8.40	146	48679	27.491 ng	95
15) Benzyl Alcohol	8.29	79	41955	29.212 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	81632	22.897 ng	96
17) 2-Methylphenol	8.49	107	41177	31.440 ng	95
18) Hexachloroethane	9.12	117	17683	25.764 ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	32665	25.276 ng	97
20) 3+4-Methylphenols	8.82	107	58458	32.319 ng	97
22) Acetophenone	8.88	105	68751	29.170 ng	# 94
24) Nitrobenzene	9.26	77	52387	28.037 ng	98
25) Isophorone	9.78	82	96056	28.945 ng	# 96
26) 2-Nitrophenol	9.98	139	29075	30.402 ng	91
27) 2,4-Dimethylphenol	10.02	122	49815	36.346 ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	56029	29.918 ng	99
29) 2,4-Dichlorophenol	10.52	162	55872	36.643 ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	57694	31.325 ng	94
31) Naphthalene	10.92	128	148383	31.916 ng	98
32) Benzoic acid	10.16	122	17085m	25.634 ng	
33) 4-Chloroaniline	11.04	127	28574	14.156 ng	97
34) Hexachlorobutadiene	11.17	225	37409	30.018 ng	95
35) Caprolactam	11.81	113	18837	29.852 ng	89
36) 4-Chloro-3-methylphenol	12.15	107	56409	32.419 ng	95
37) 2-Methylnaphthalene	12.51	142	113437	34.201 ng	99
38) 1-Methylnaphthalene	12.73	142	110166	34.229 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	71859	28.381 ng	99

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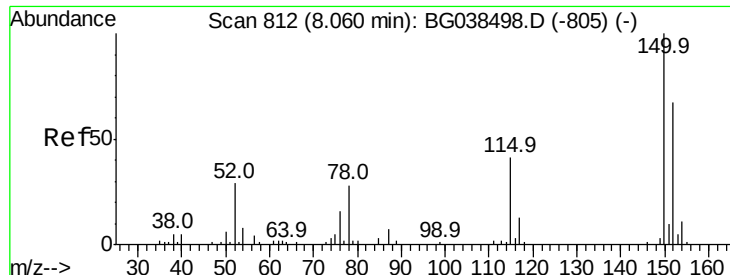
Manual Integrations
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 1/7/2019 12:48:25 PM

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 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	87062	62.588	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	51902	33.339	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	56162	34.073	nq	97
46) 1,1'-Biphenyl	13.52	154	156290	27.523	nq	98
47) 2-Chloronaphthalene	13.57	162	125294	28.565	nq	99
48) 2-Nitroaniline	13.78	65	40505	28.991	nq	93
49) Acenaphthylene	14.41	152	209871	32.005	nq	98
50) Dimethylphthalate	14.14	163	169199	30.588	nq	99
51) 2,6-Dinitrotoluene	14.27	165	38767	30.926	nq	90
52) Acenaphthene	14.75	154	117877	30.062	nq	97
53) 3-Nitroaniline	14.61	138	22403	17.532	nq	90
54) 2,4-Dinitrophenol	14.82	184	23208	34.282	nq	94
55) Dibenzofuran	15.08	168	204727	30.459	nq	95
56) 4-Nitrophenol	14.92	139	55490	57.242	nq	93
57) 2,4-Dinitrotoluene	15.06	165	56202	31.832	nq	87
58) Fluorene	15.73	166	168164	33.770	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51601	34.796	nq	99
60) Diethylphthalate	15.49	149	178528	29.400	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	94046	30.269	nq	97
62) 4-Nitroaniline	15.77	138	39455	29.991	nq	94
63) Azobenzene	16.01	77	143102	28.209	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	30397	24.017	nq	88
66) n-Nitrosodiphenylamine	15.94	169	155551	29.838	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	66266	30.581	nq	97
68) Hexachlorobenzene	16.73	284	70427	31.354	nq	95
69) Atrazine	16.88	200	67816	35.053	nq	92
70) Pentachlorophenol	17.09	266	67434	50.756	nq	97
71) Phenanthrene	17.48	178	300634	32.675	nq	98
72) Anthracene	17.57	178	307752	33.882	nq	100
73) Carbazole	17.84	167	268886	29.933	nq	98
74) Di-n-butylphthalate	18.37	149	315413	30.601	nq	99
75) Fluoranthene	19.49	202	377039	33.121	nq	97
77) Benzidine	19.67	184	100742	19.173	nq	98
78) Pyrene	19.85	202	381619	32.514	nq	98
80) Butylbenzylphthalate	20.72	149	142146	30.999	nq	96
81) Benzo(a)anthracene	21.70	228	360688	33.317	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	72207	16.817	nq	99
83) Chrysene	21.76	228	339377	32.546	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	197101	30.307	nq	98
85) Di-n-octyl phthalate	22.78	149	336135	30.861	nq	96
86) Indeno(1,2,3-cd)pyrene	28.78	276	405660	33.090	nq	# 94
88) Benzo(b)fluoranthene	23.95	252	362974	33.756	nq	99
89) Benzo(k)fluoranthene	24.02	252	347398	32.444	nq	98
90) Benzo(a)pyrene	24.85	252	349827	33.722	nq	# 98
91) Dibenzo(a,h)anthracene	28.84	278	330612	32.008	nq	97
92) Benzo(g,h,i)perylene	29.98	276	333080	32.722	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

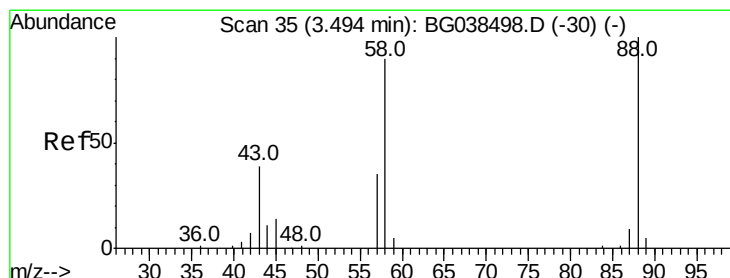
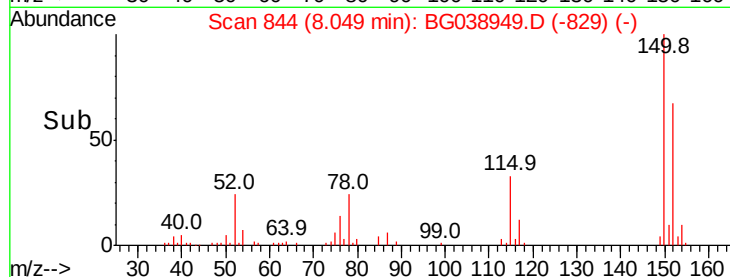
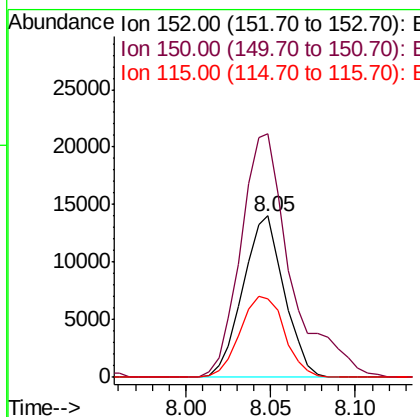
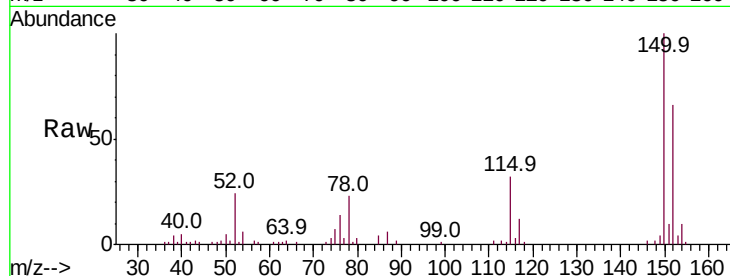
ClientSampleId :

PB116155BS

Tot Ion:	152	Resp:	23773
Ion Ratio	Lower	Upper	
152	100		
150	150.8	119.5	179.3
115	48.8	49.6	74.4#

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#2

1,4-Dioxane

Concen: 19.863 ng

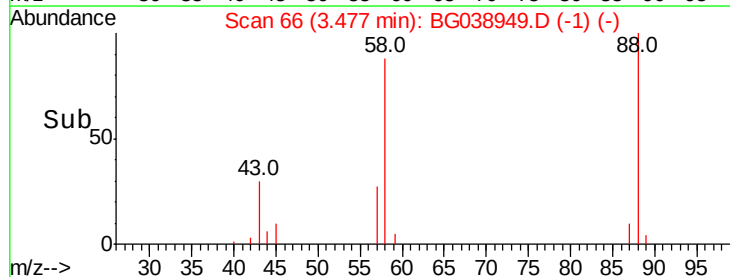
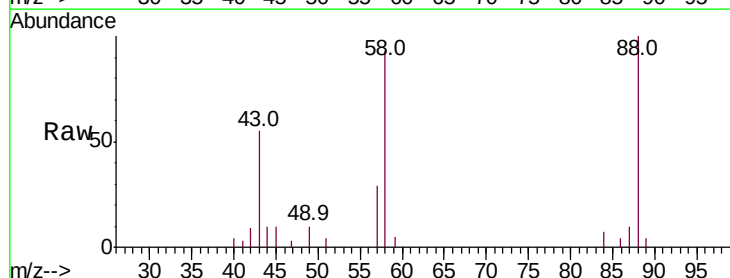
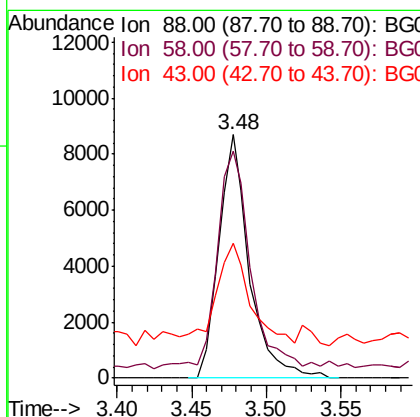
RT: 3.48 min Scan# 66

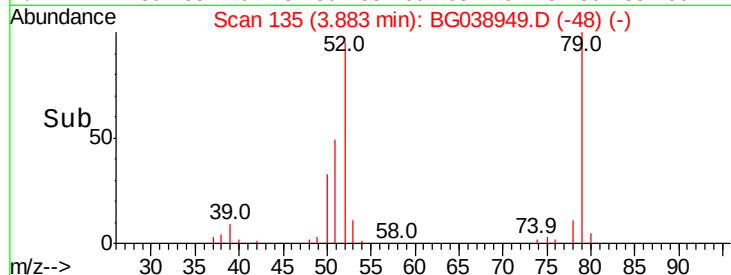
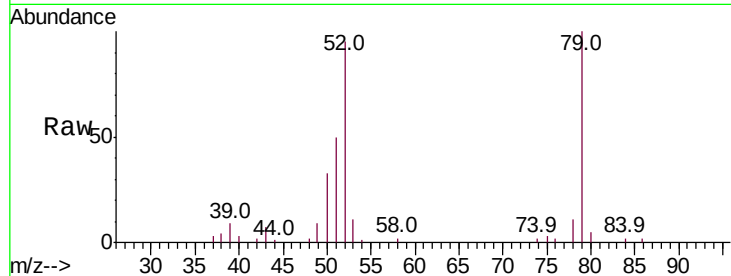
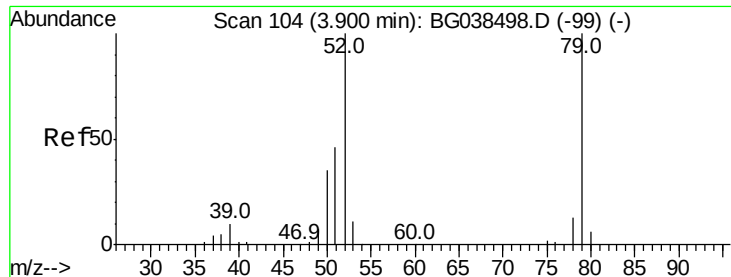
Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	88	Resp:	12391
Ion Ratio	Lower	Upper	
88	100		
58	97.8	75.7	113.5
43	44.2	31.6	47.4





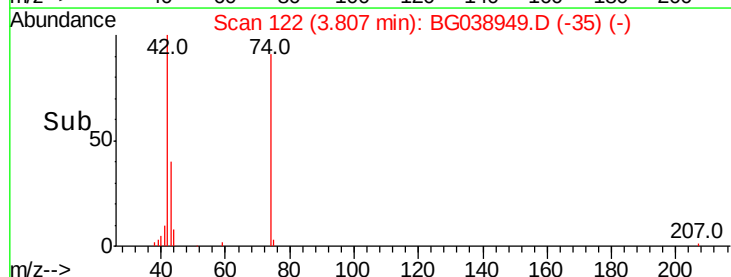
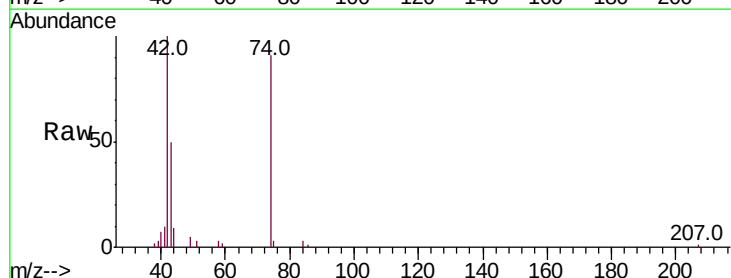
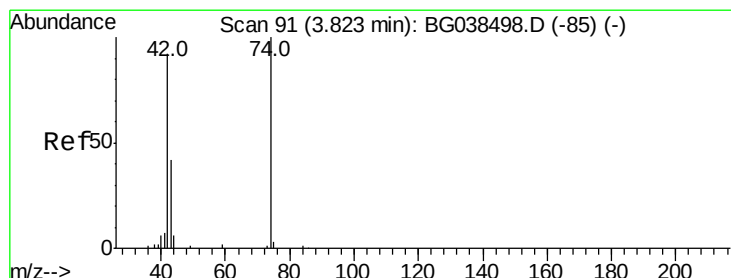
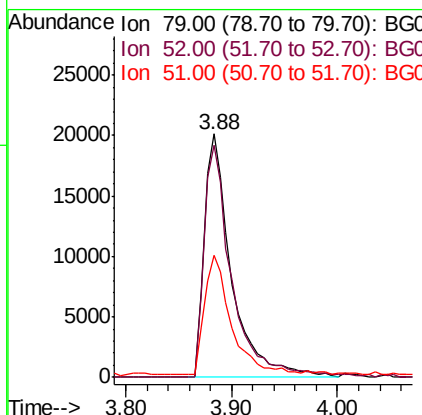
#3
Pvridine
Concen: 20.983 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.4	80.2	120.2
51	50.0	38.0	57.0

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PB116155BS

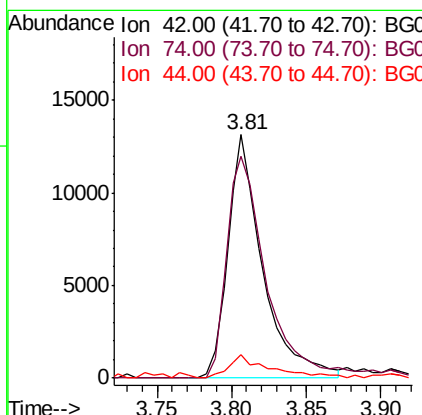
Manual Integrations
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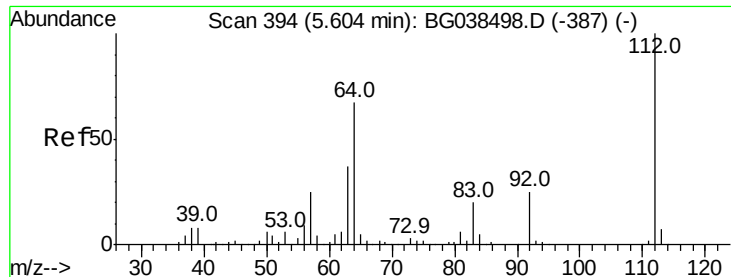
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#4
n-Nitrosodimethylamine
Concen: 25.480 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	91.1	86.7	130.1
44	9.5	7.8	11.8





#5

2-Fluorophenol

Concen: 96.545 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

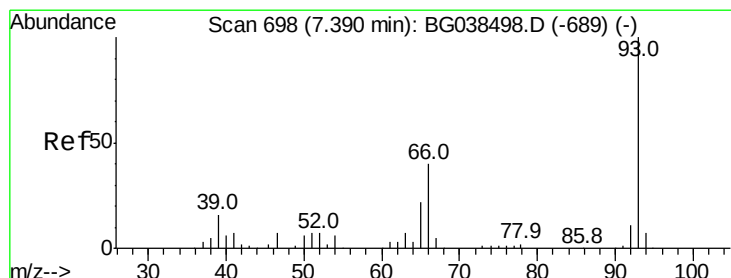
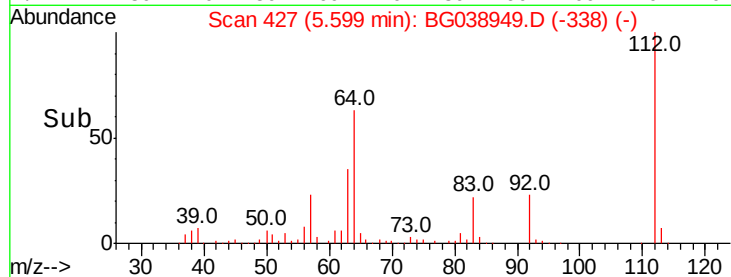
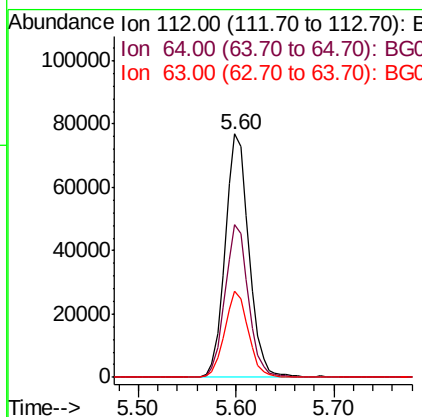
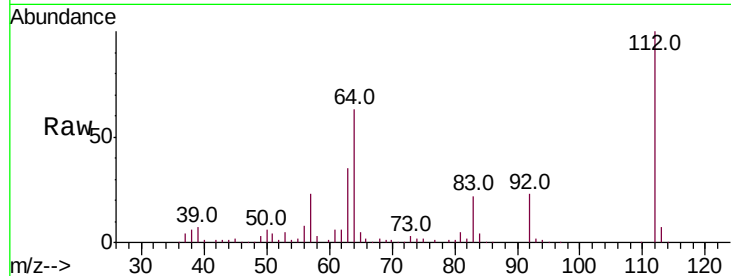
ClientSampleID :

PB116155BS

Tot Ion:	112	Resp:	129403
Ion Ratio	Lower	Upper	
112	100		
64	62.5	53.4	80.2
63	35.2	29.3	43.9

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#6

Aniline

Concen: 12.577 ng

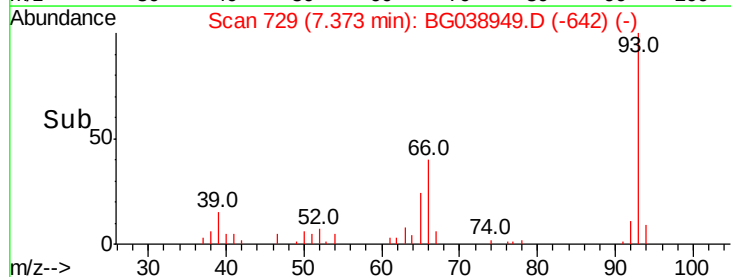
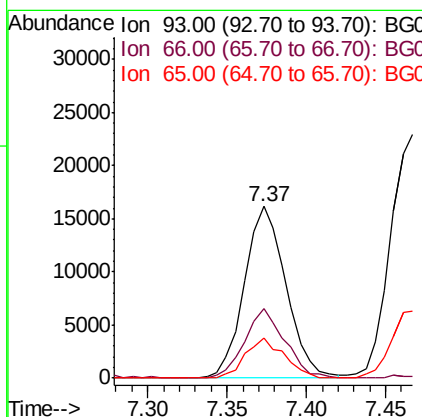
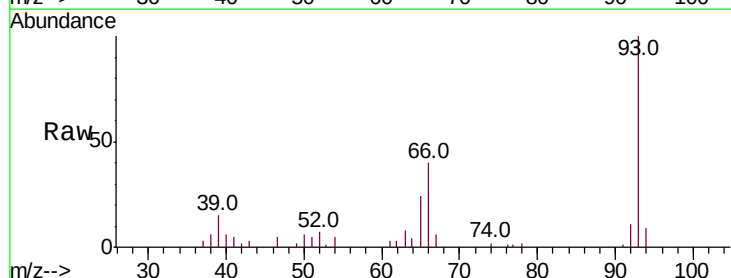
RT: 7.37 min Scan# 729

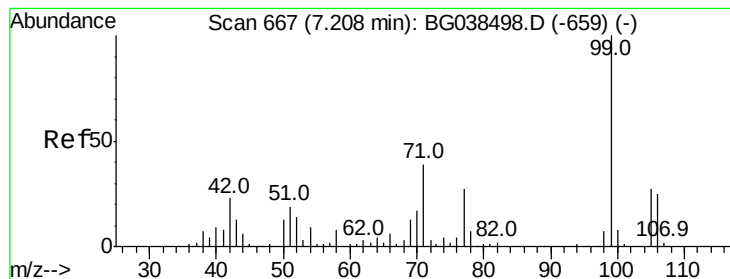
Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	93	Resp:	29543
Ion Ratio	Lower	Upper	
93	100		
66	40.4	31.7	47.5
65	23.7	17.8	26.6





#7

Phenol-d6

Concen: 95.605 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

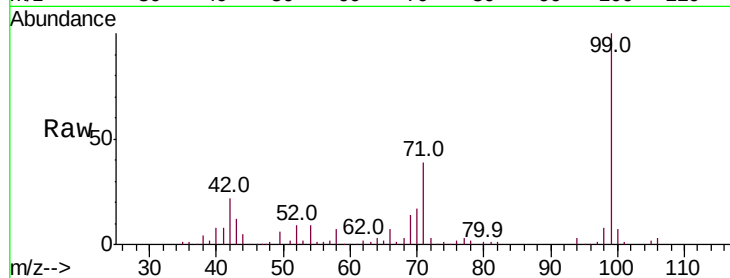
ClientSampled :

PB116155BS

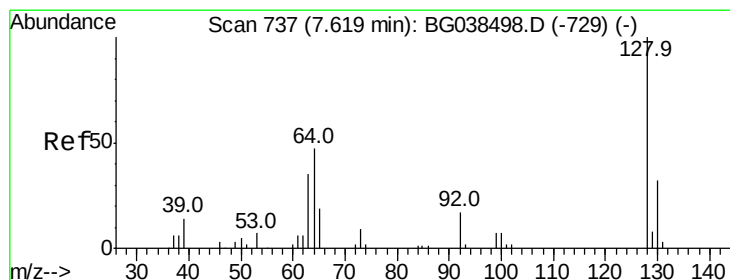
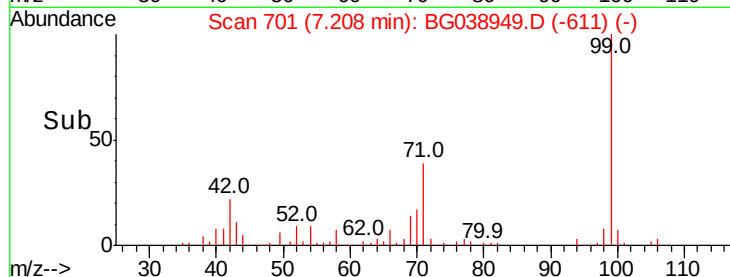
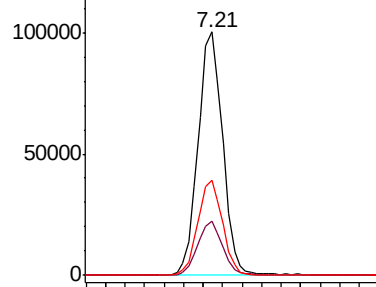
Tot Ion:	99	Resp:	175916
Ion Ratio	Lower	Upper	
99	100		
42	22.3	18.5	27.7
71	38.8	31.1	46.7

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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: 30.925 ng

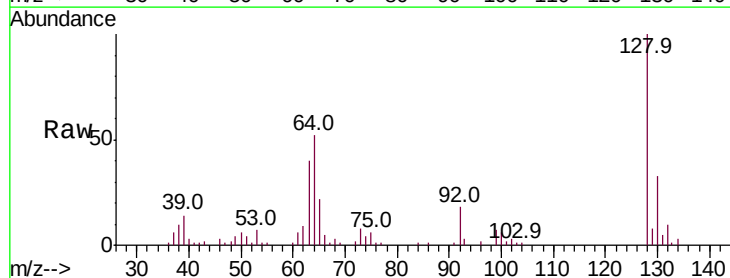
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

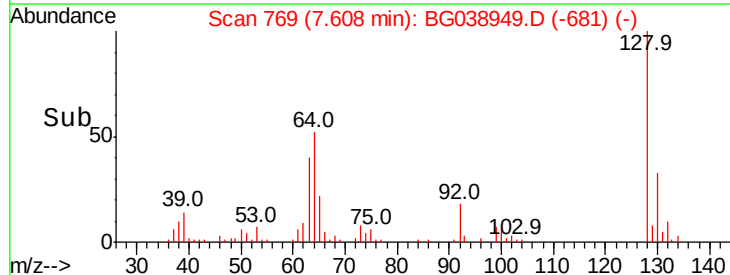
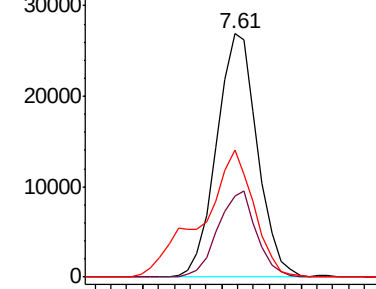
Lab File: BG038949.D

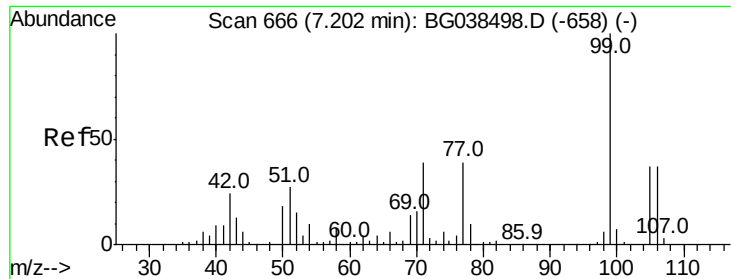
Acq: 5 Jan 2019 4:57

Tgt Ion:	128	Resp:	47967
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.8	51.8
64	52.3	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: 15.741 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

ClientSampled :

PB116155BS

Tot Ion: 77 Resp: 18789

Ion Ratio Lower Upper

77 100

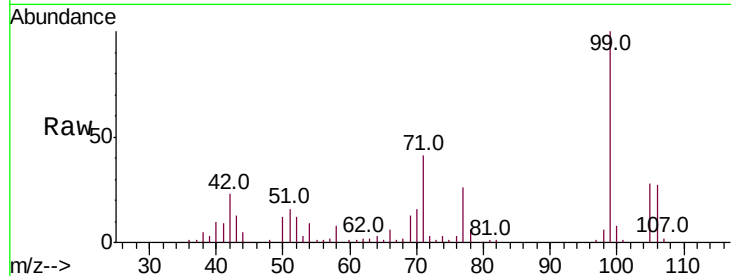
105 106.7 74.0 114.0

106 103.5 73.9 113.9

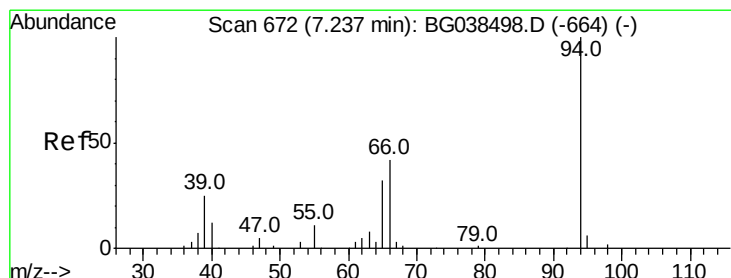
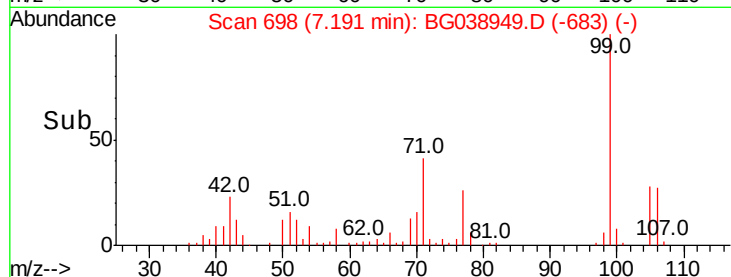
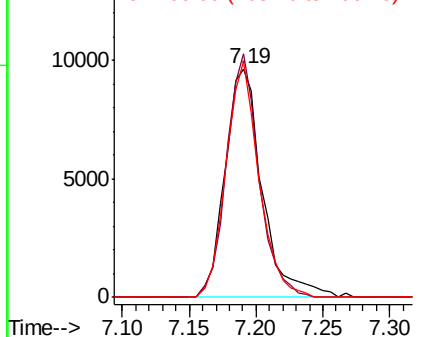
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.934 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

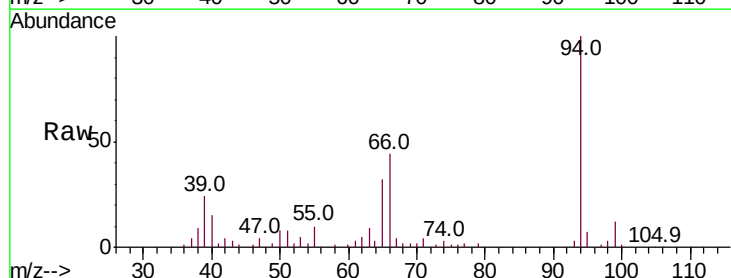
Tgt Ion: 94 Resp: 60472

Ion Ratio Lower Upper

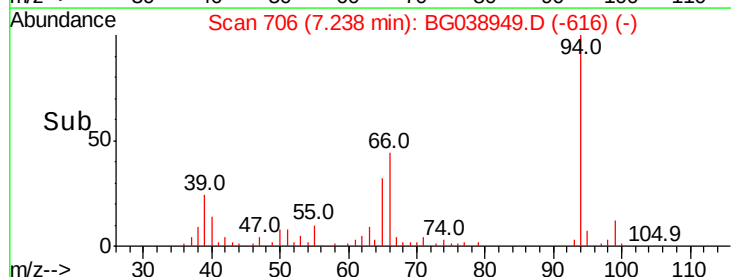
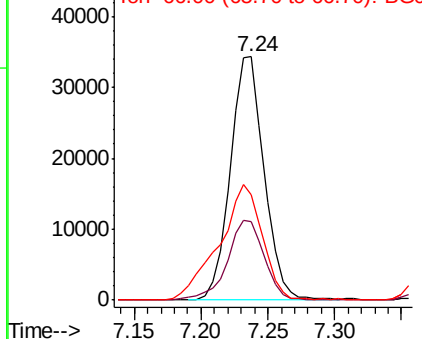
94 100

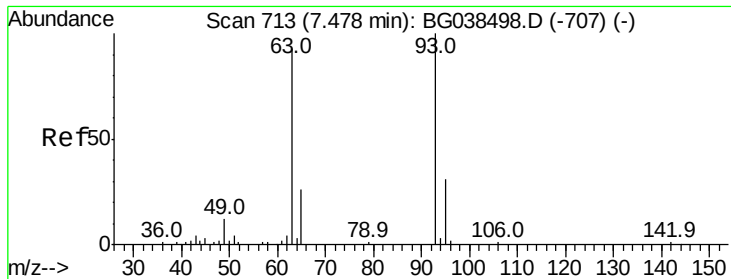
65 32.4 12.6 52.6

66 43.5 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: 25.178 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

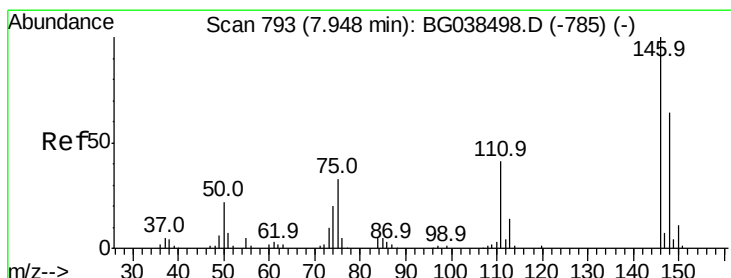
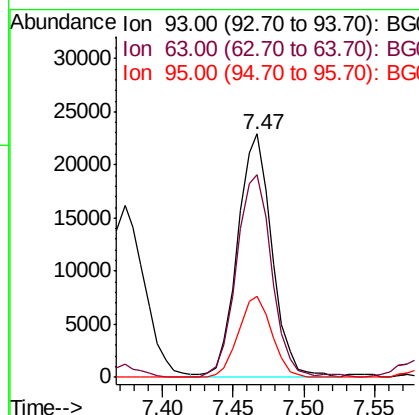
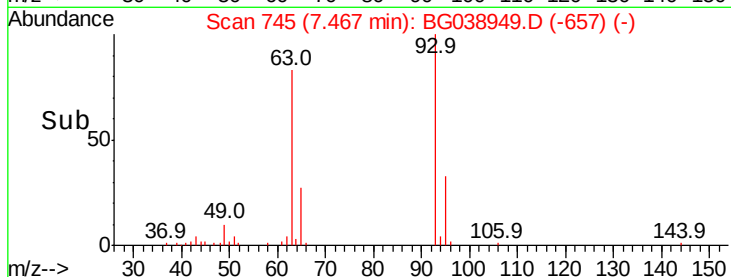
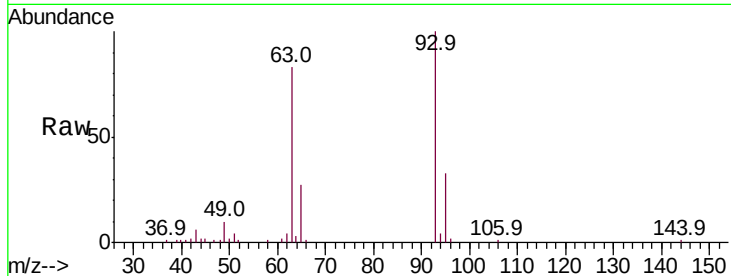
Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion: 93 Resp: 39187

Ion	Ratio	Lower	Upper
93	100		
63	83.4	72.2	112.2
95	33.3	11.2	51.2

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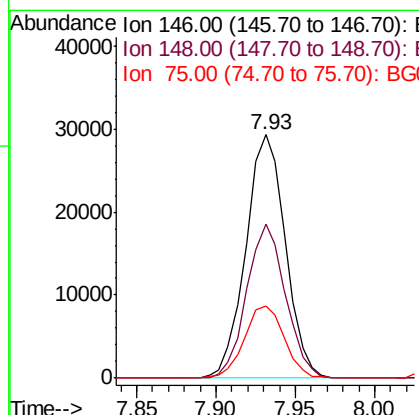
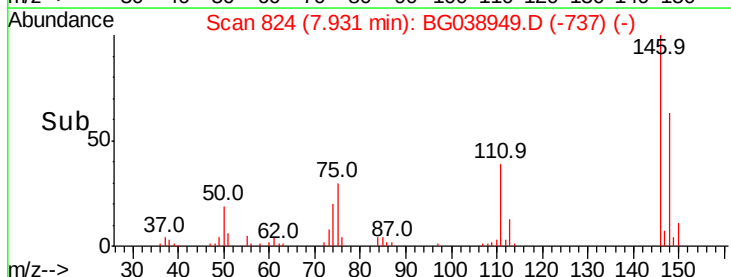
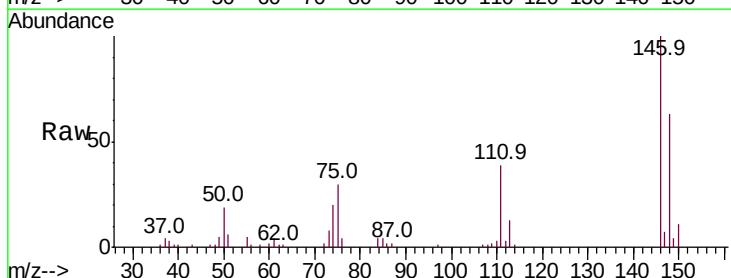
Sohil
 1/7/2019 12:48:25 PM

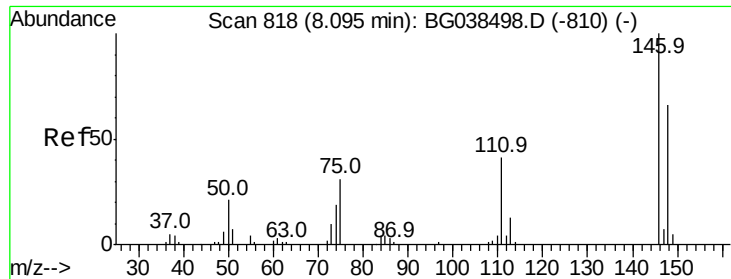


#12
 1,3-Dichlorobenzene
 Concen: 27.623 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion: 146 Resp: 50660

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
75	29.7	26.1	39.1





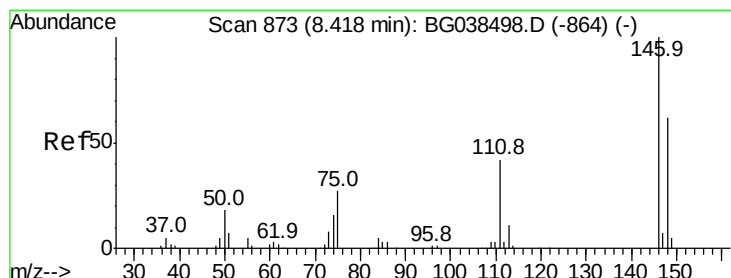
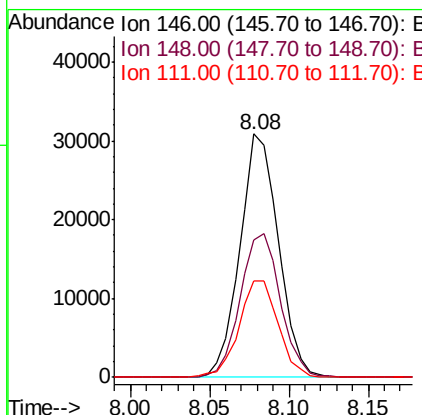
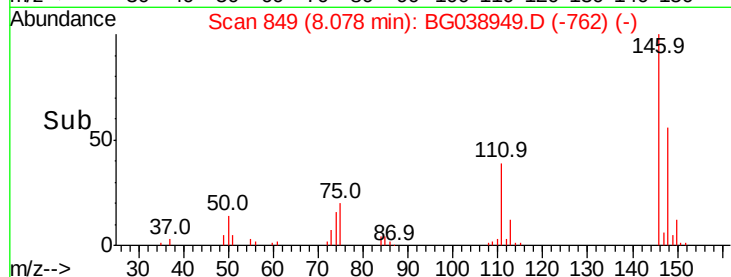
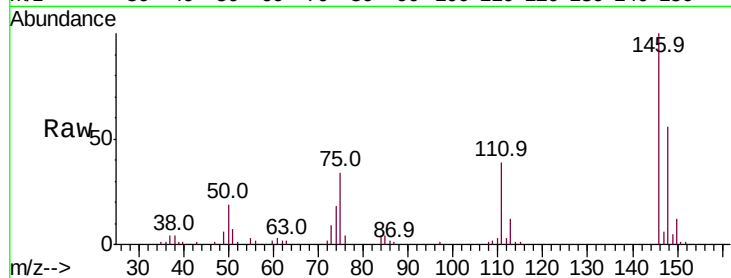
#13
 1,4-Dichlorobenzene
 Concen: 27.756 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	56.5	52.4	78.6
111	39.5	33.0	49.4

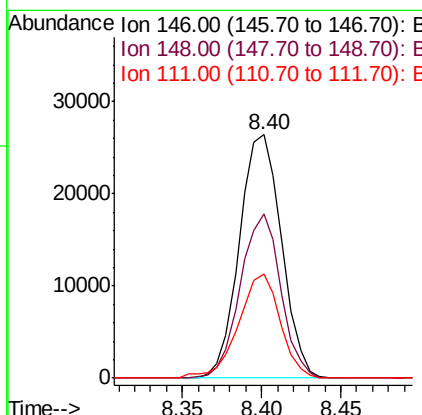
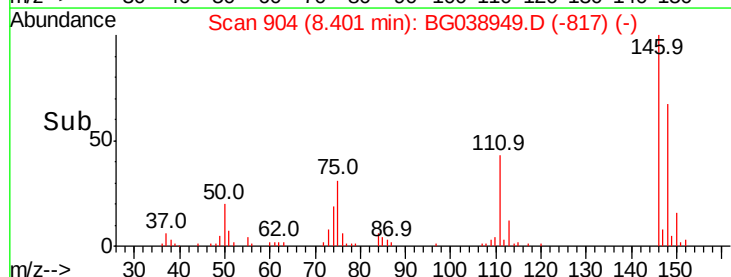
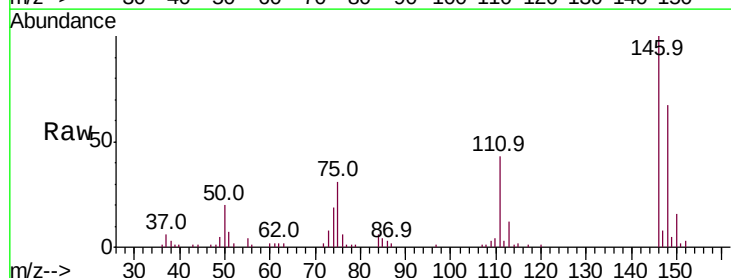
Manual Integrations
 APPROVED

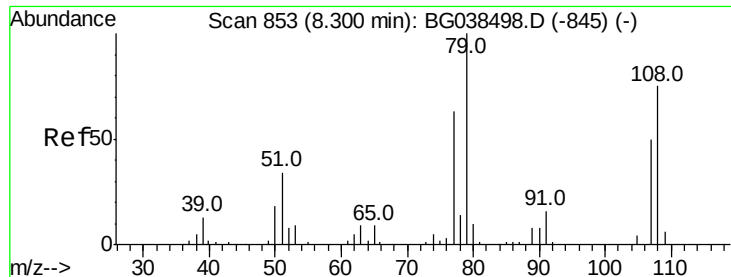
Sohil
 1/7/2019 12:48:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.491 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	49.4	74.0
111	43.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 29.212 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

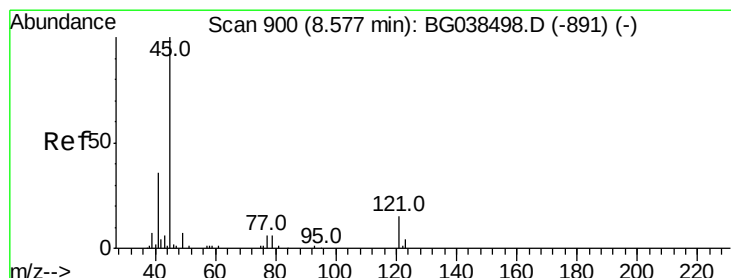
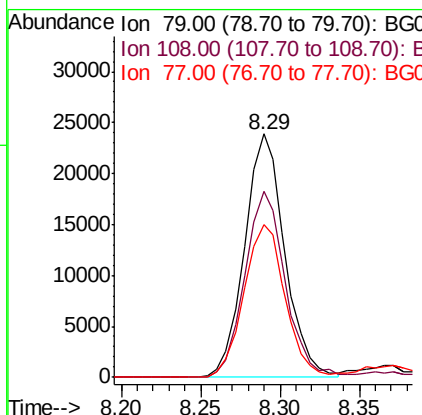
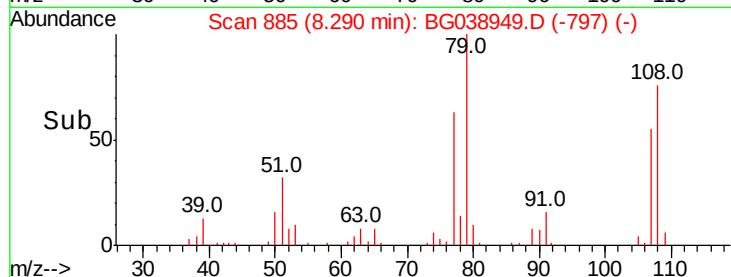
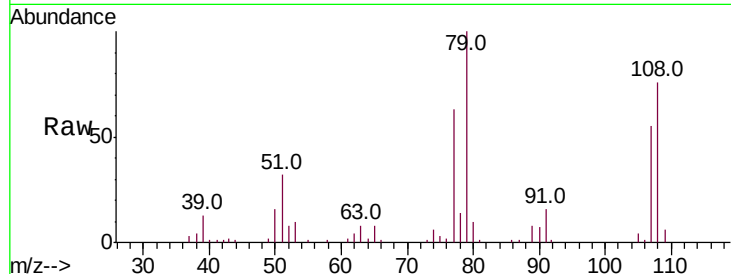
ClientSampleId :

PB116155BS

Tot Ion:	79	Resp:	41955
Ion Ratio	Lower	Upper	
79	100		
108	76.4	60.2	90.4
77	62.9	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.897 ng

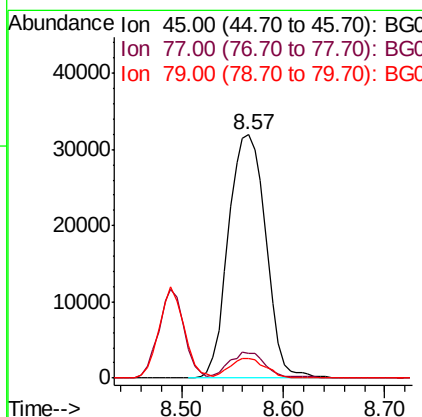
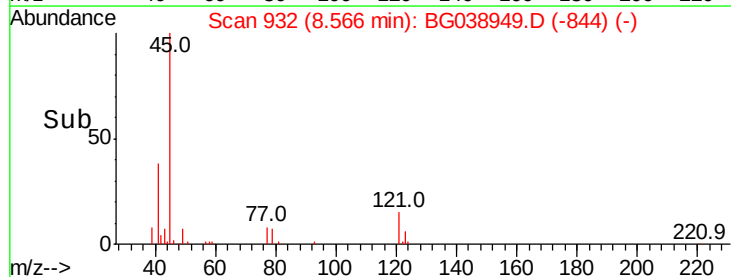
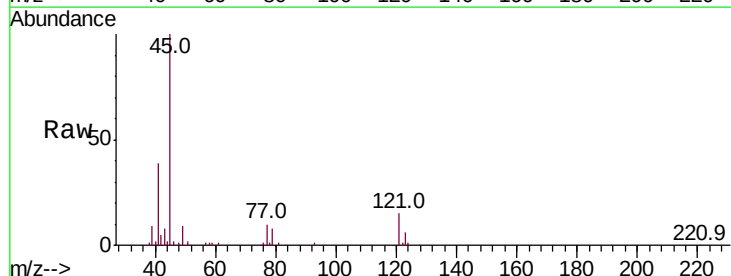
RT: 8.57 min Scan# 932

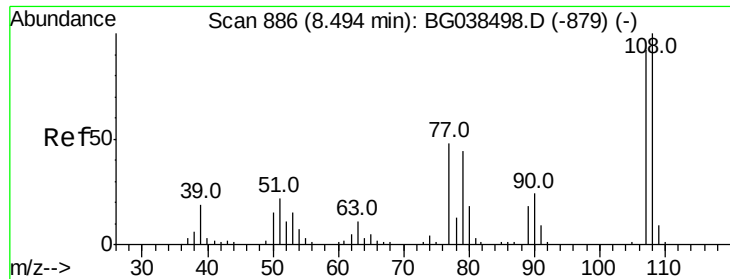
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	45	Resp:	81632
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	28.2
79	7.8	0.0	27.2





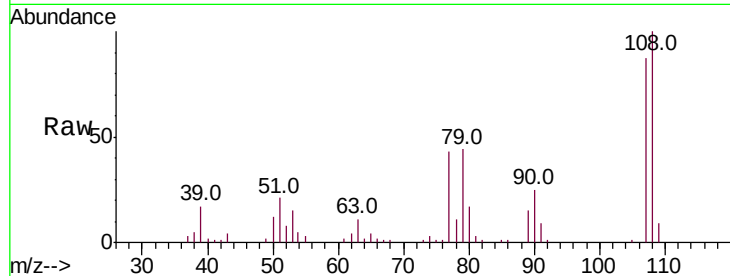
#17
2-Methylphenol
Concen: 31.440 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion:	107	Resp:	41177
Ion Ratio	Lower	Upper	
107	100		
108	115.3	87.1	130.7
77	49.6	42.0	63.0
79	50.8	38.2	57.2

Manual Integrations
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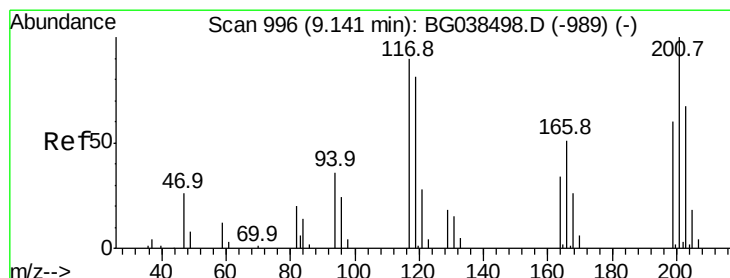
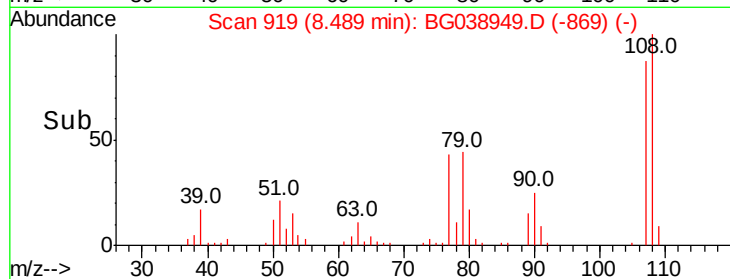
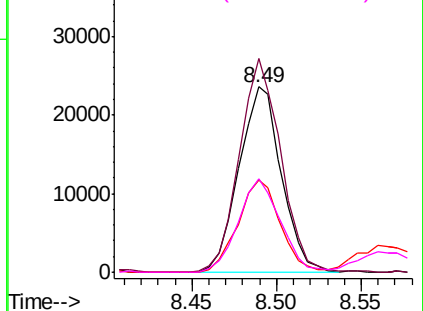
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 25.764 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

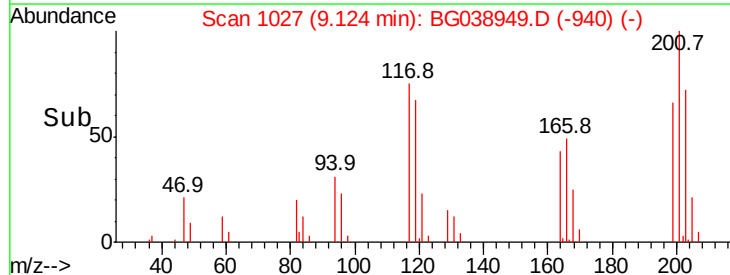
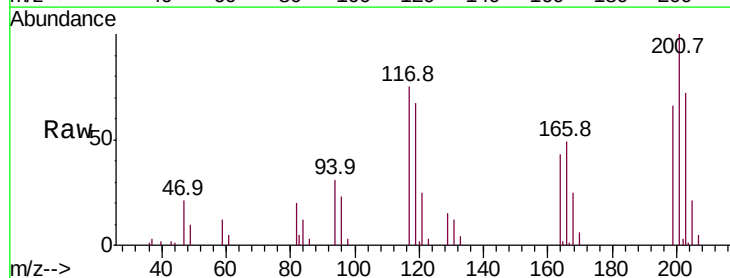
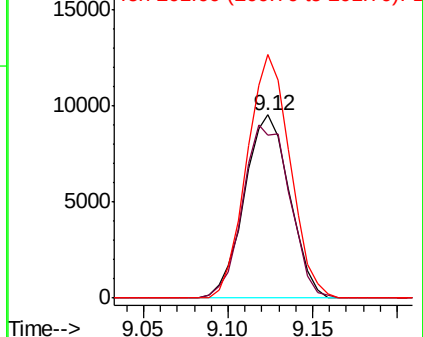
Tgt Ion:	117	Resp:	17683
Ion Ratio	Lower	Upper	
117	100		
119	89.3	73.8	110.8
201	133.0	89.4	134.0

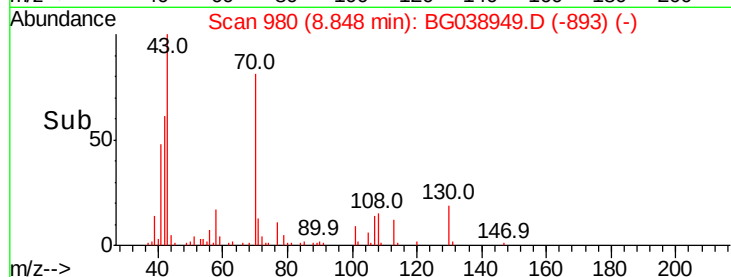
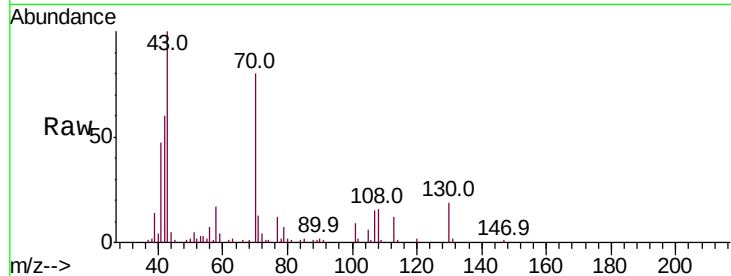
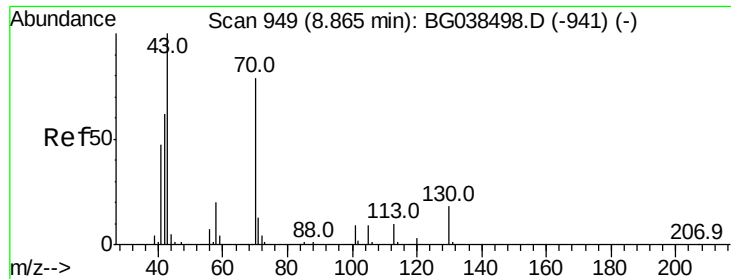
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





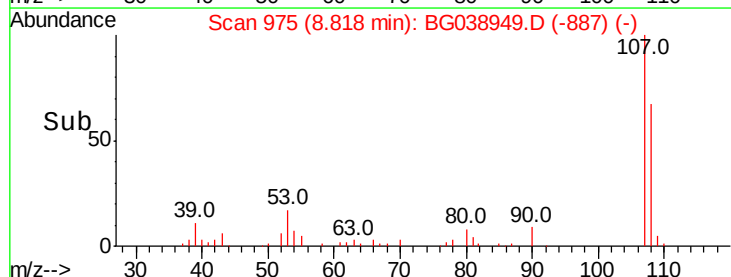
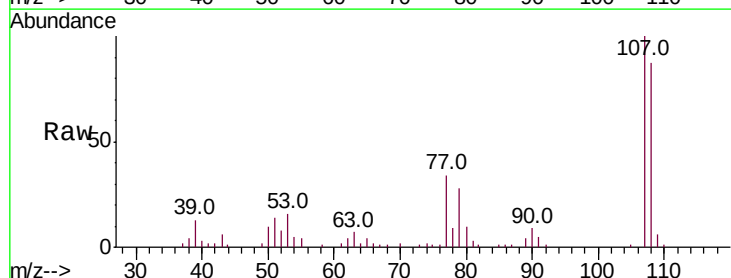
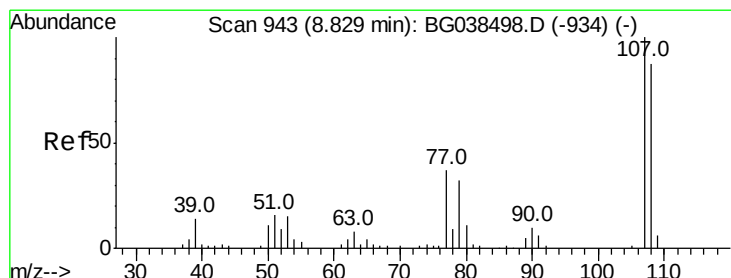
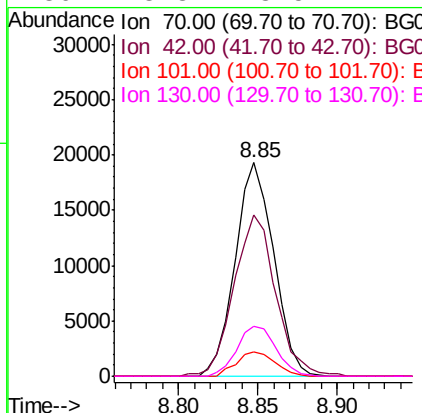
#19
n-Nitroso-di-n-propylamine
Concen: 25.276 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.4	63.6	95.4	
101	11.7	9.2	13.8	
130	23.3	18.5	27.7	

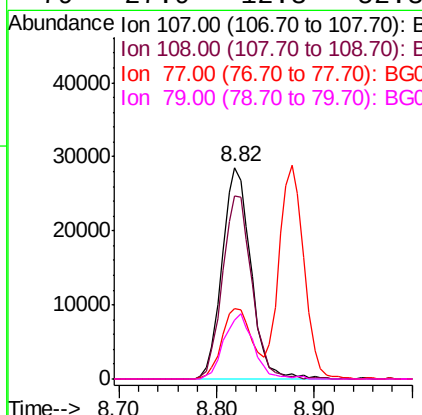
Manual Integrations
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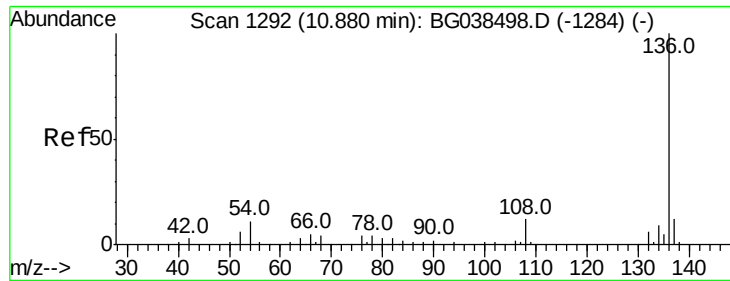
Sohil
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#20
3+4-Methylphenols
Concen: 32.319 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	66.7	106.7	
77	33.5	17.3	57.3	
79	27.9	12.3	52.3	





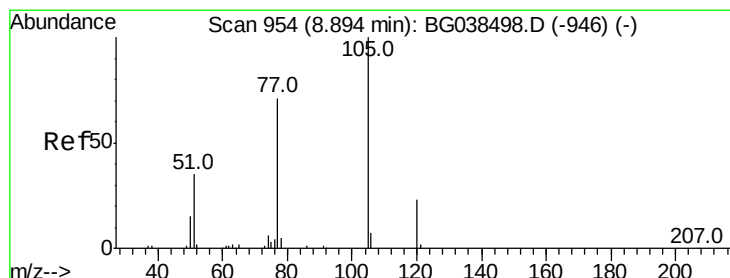
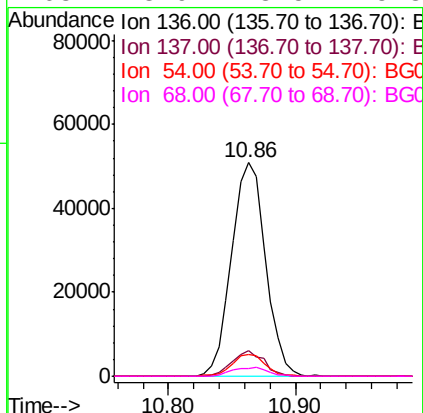
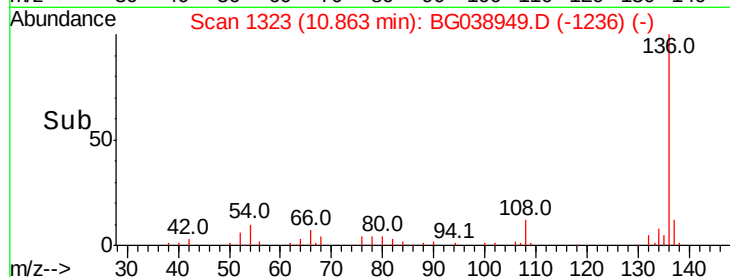
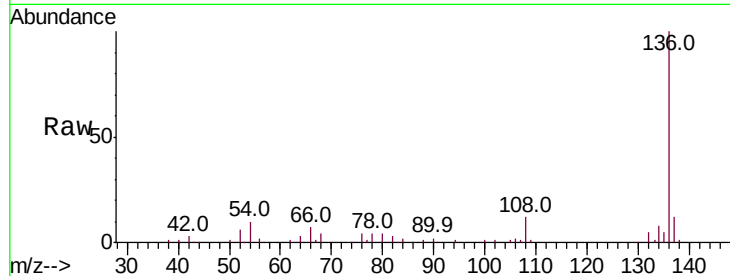
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.3	13.9	
54	10.2	8.5	12.7	
68	3.9	3.5	5.3	

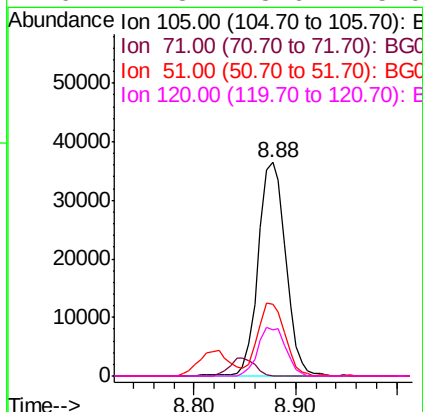
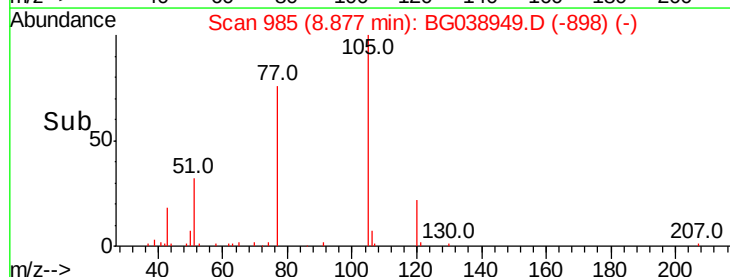
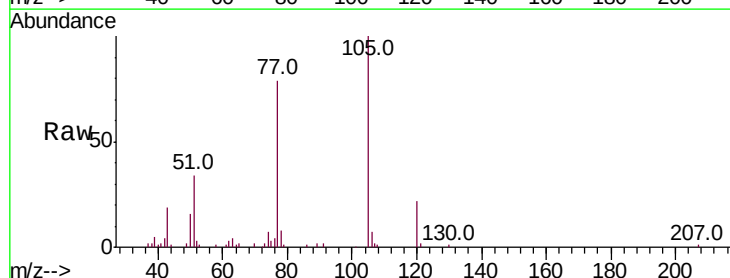
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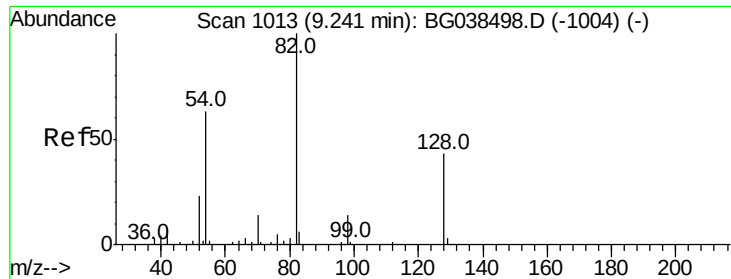
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#22
Acetophenone
Concen: 29.170 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.4	0.6#	
51	33.6	30.6	46.0	
120	21.8	18.6	28.0	





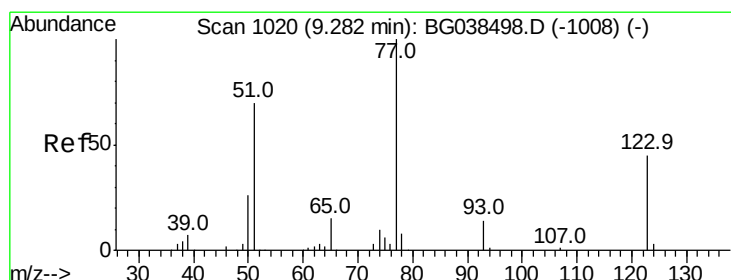
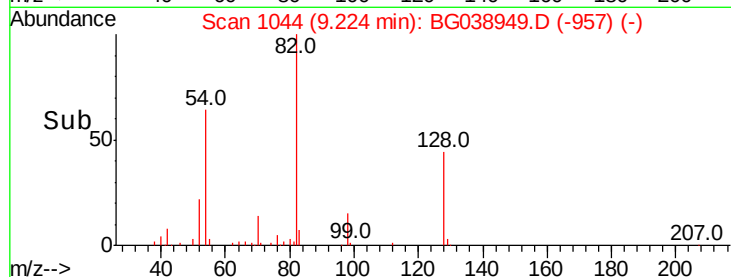
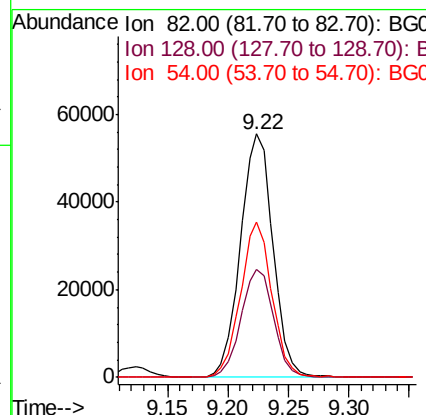
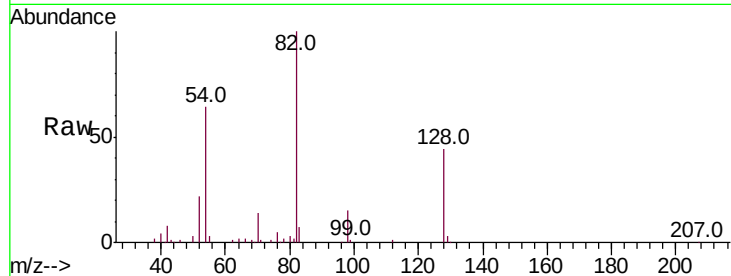
#23
Nitrobenzene-d5
Concen: 56.396 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	63.7	50.6	76.0

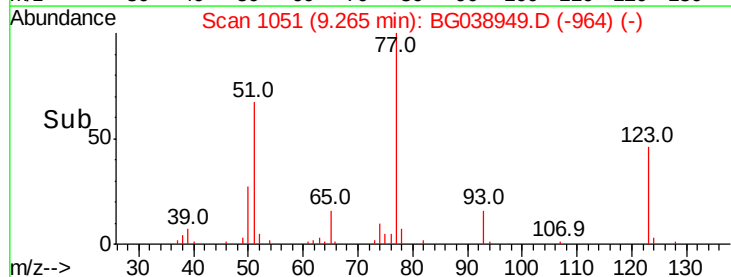
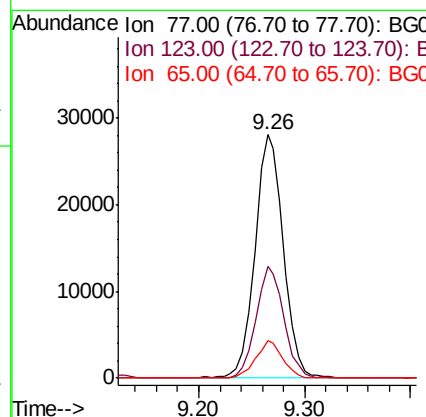
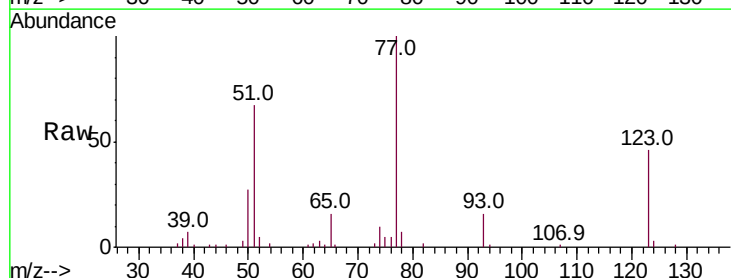
Manual Integrations
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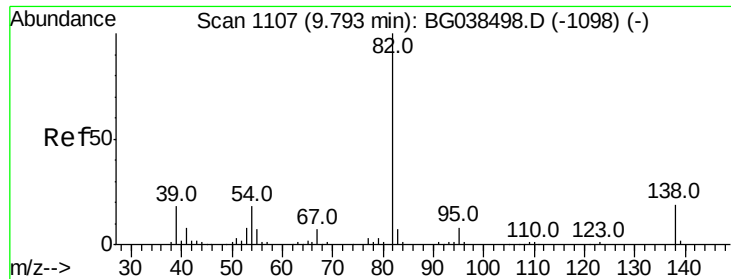
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#24
Nitrobenzene
Concen: 28.037 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.9	53.9
65	15.7	12.0	18.0





#25

Isophorone

Concen: 28.945 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

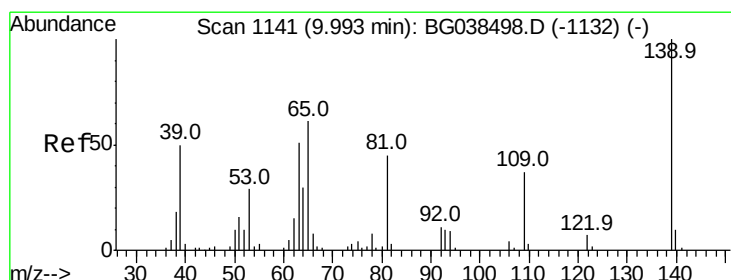
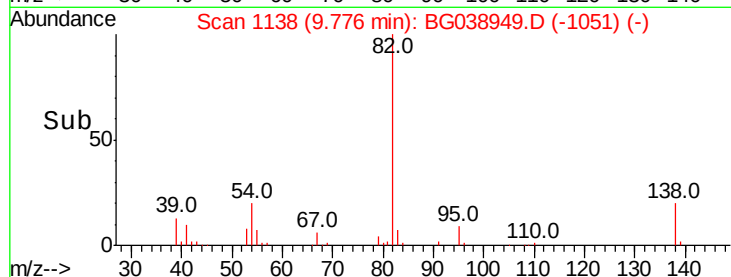
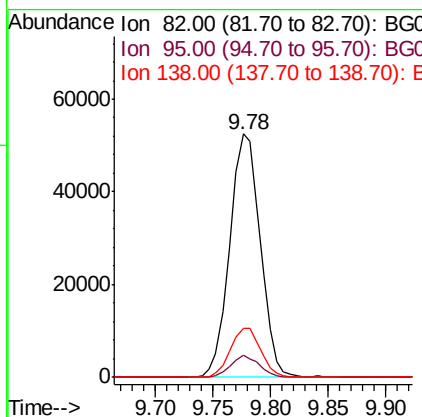
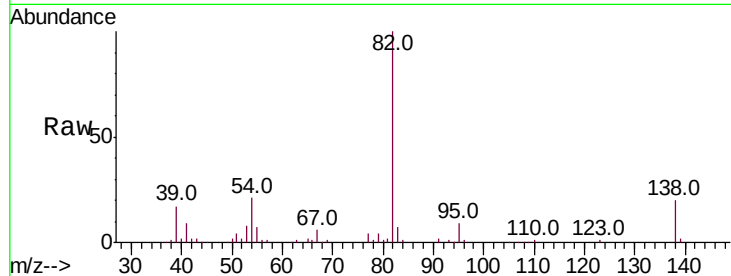
ClientSampleId :

PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.3	6.1	9.1#	
138	19.9	14.9	22.3	

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.402 ng

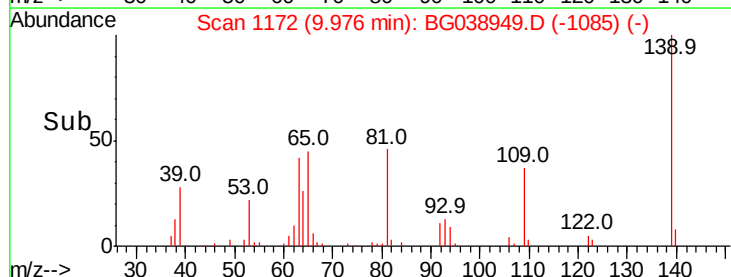
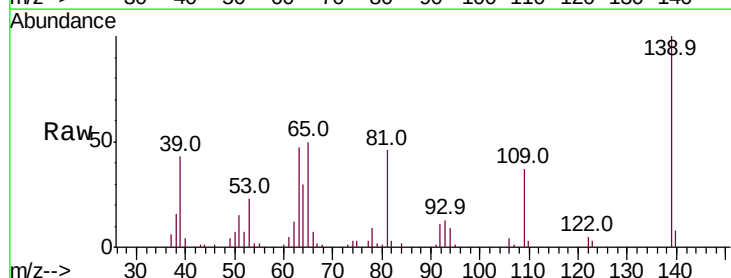
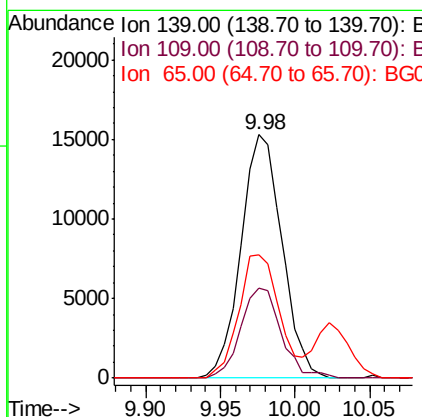
RT: 9.98 min Scan# 1172

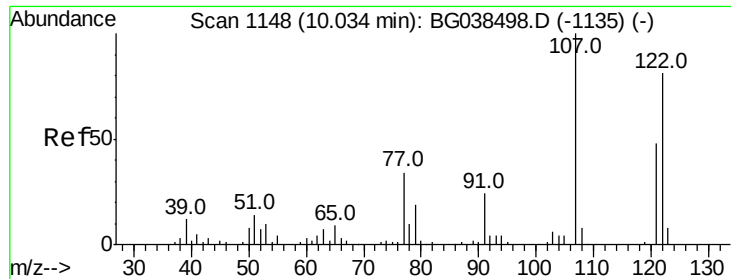
Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.2	29.5	44.3	
65	50.4	48.5	72.7	





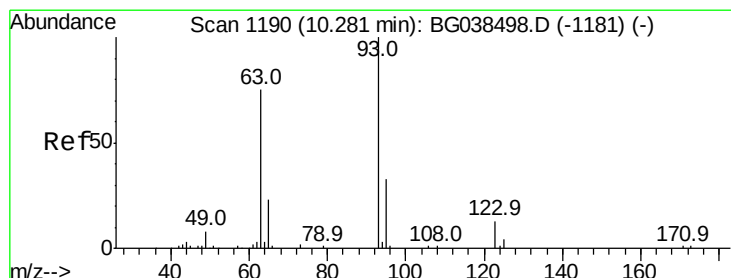
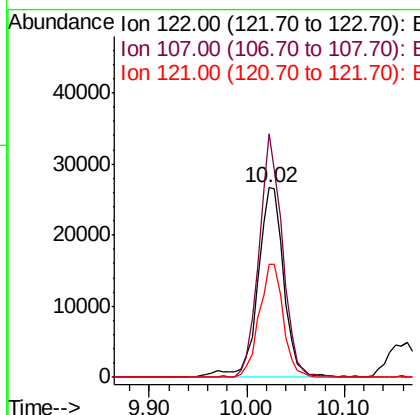
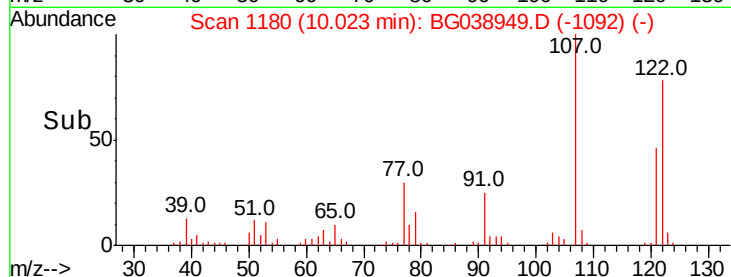
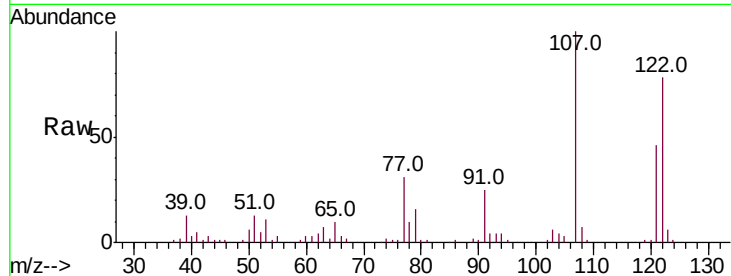
#27
 2,4-Dimethylphenol
 Concen: 36.346 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	98.4	147.6
121	59.3	47.2	70.8

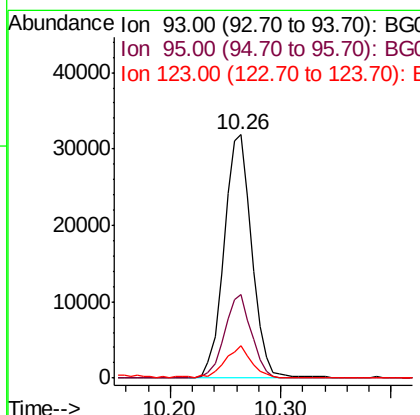
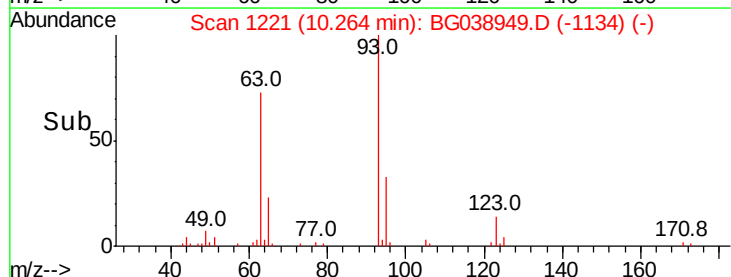
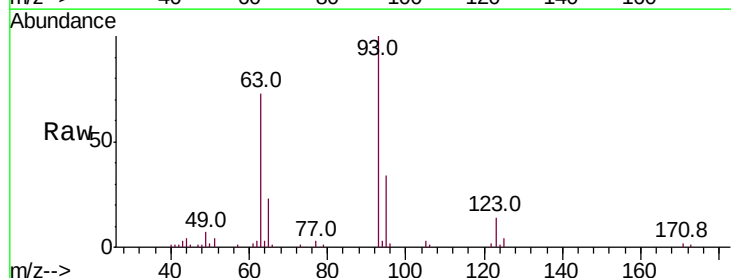
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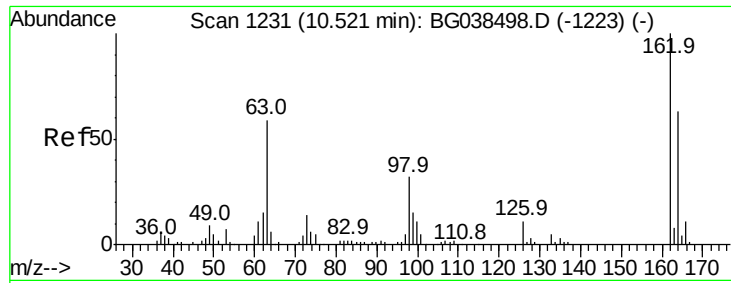
Sohil
 1/7/2019 12:48:25 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.918 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.6	40.0
123	13.5	10.6	16.0





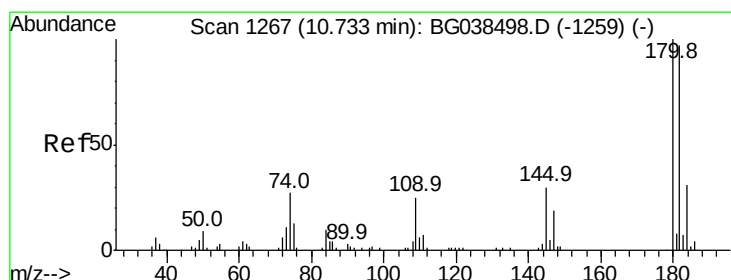
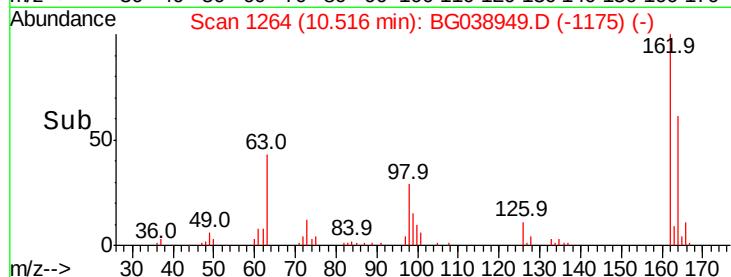
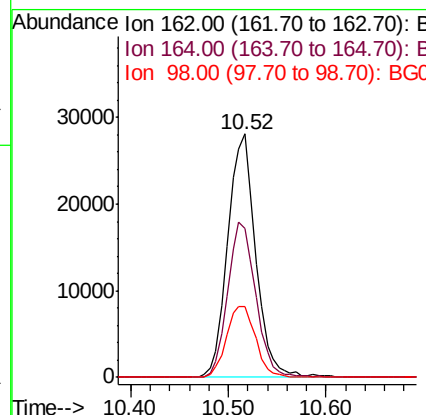
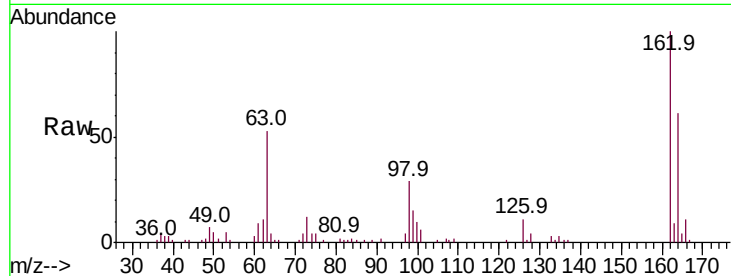
#29
 2,4-Dichlorophenol
 Concen: 36.643 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion:	162	Resp:	55872
Ion Ratio	Lower	Upper	
162	100		
164	60.9	42.9	82.9
98	28.9	12.1	52.1

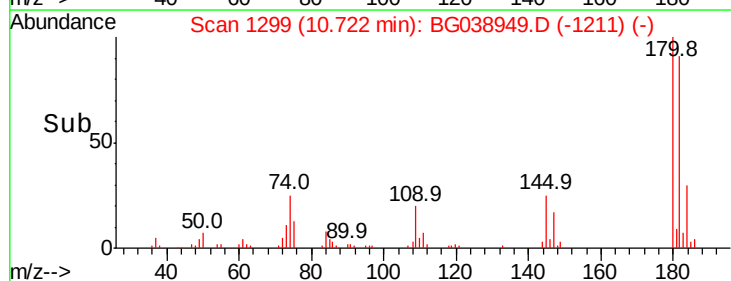
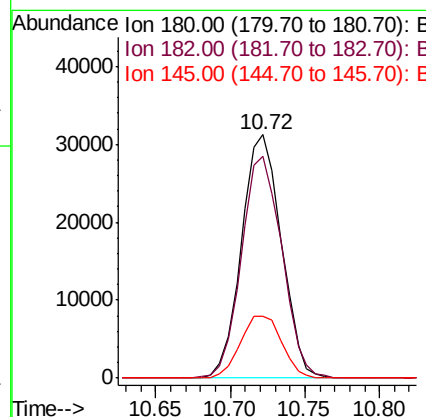
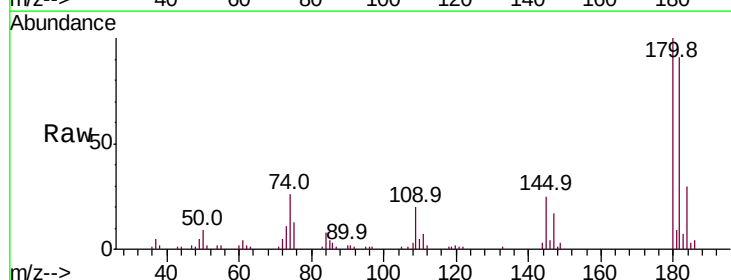
Manual Integrations
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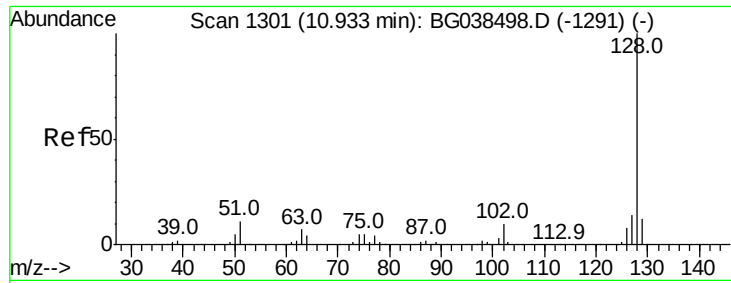
Sohil
 1/7/2019 12:48:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.325 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:	180	Resp:	57694
Ion Ratio	Lower	Upper	
180	100		
182	91.1	77.4	116.0
145	25.5	24.1	36.1





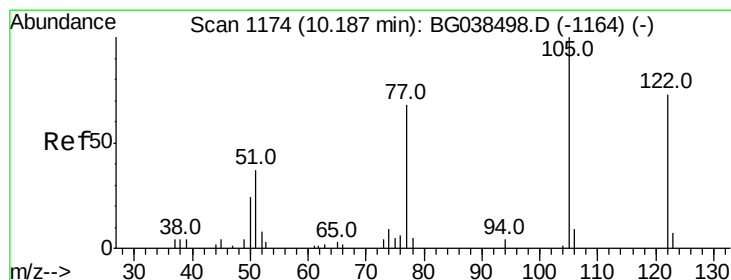
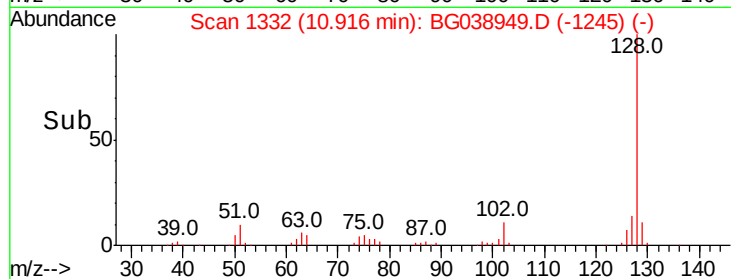
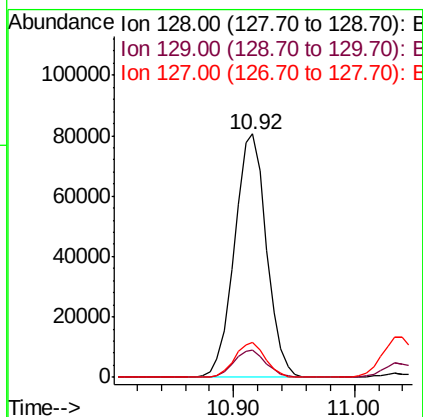
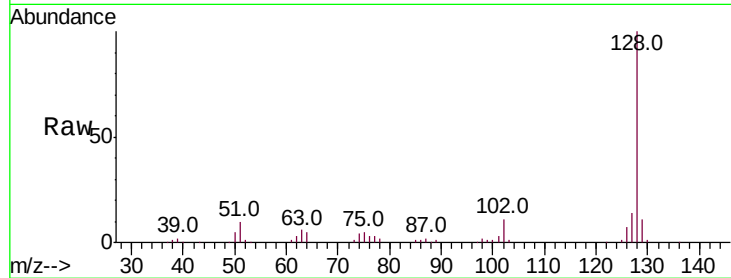
#31
Naphthalene
Concen: 31.916 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampled :
PB116155BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	14.4	10.9	16.3

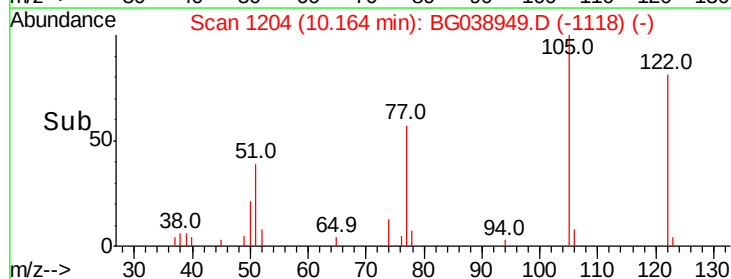
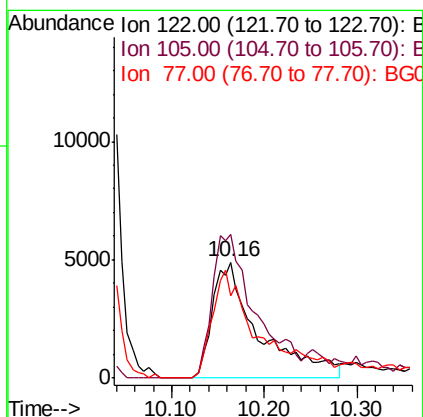
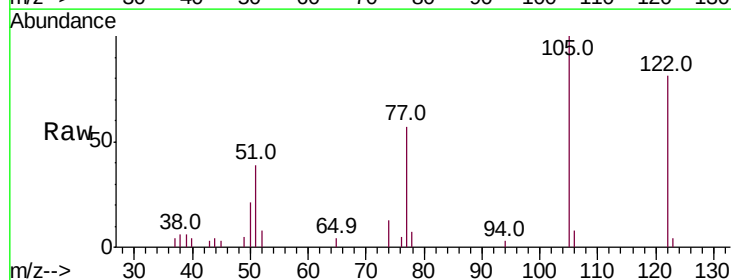
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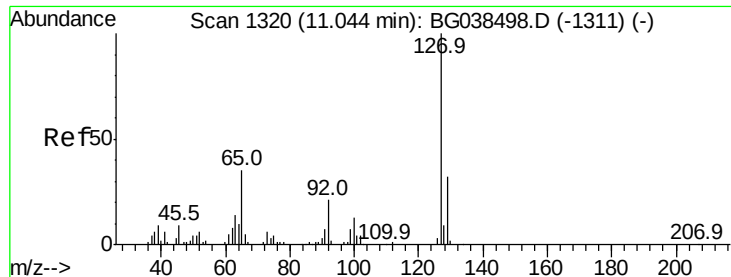
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#32
Benzoic acid
Concen: 25.634 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	116.7	156.7
77	70.9	72.5	112.5#





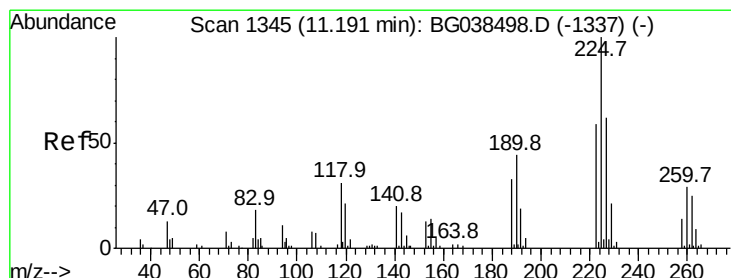
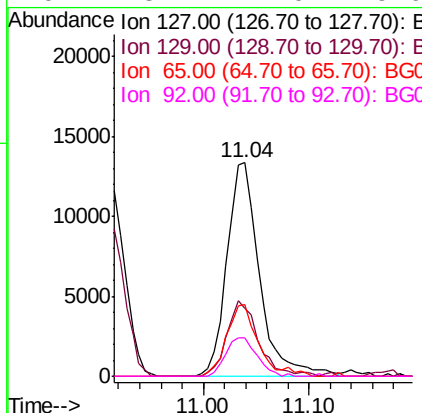
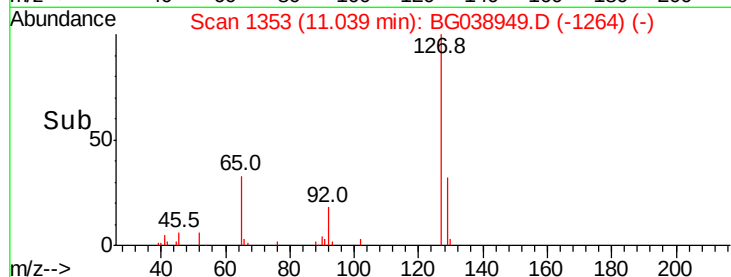
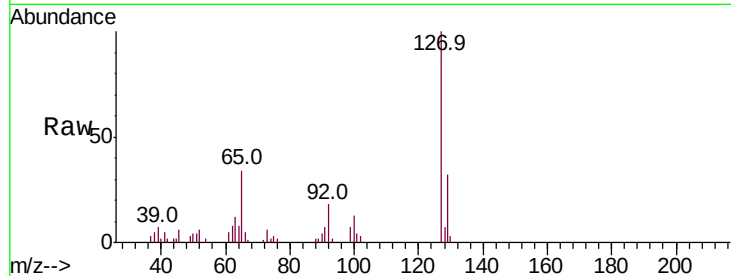
#33
4-Chloroaniline
Concen: 14.156 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.8	38.8	
65	33.6	27.8	41.6	
92	18.1	17.0	25.6	

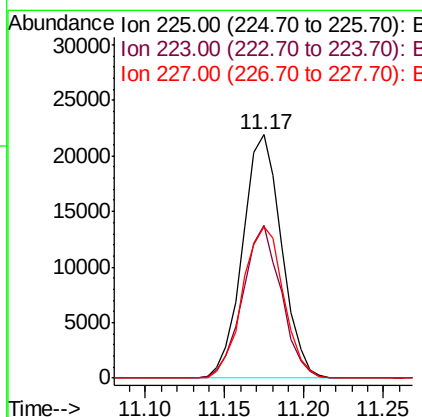
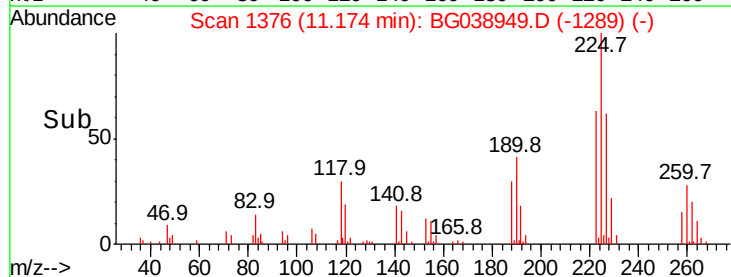
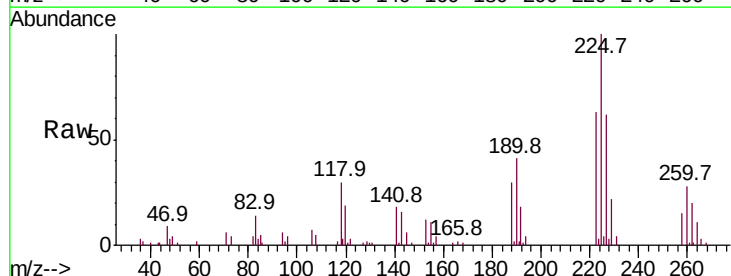
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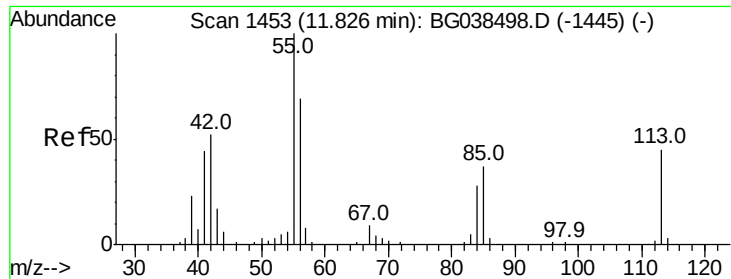
Sohil
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#34
Hexachlorobutadiene
Concen: 30.018 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	45.0	67.6	
227	62.5	50.6	75.8	





#35

Caprolactam

Concen: 29.852 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

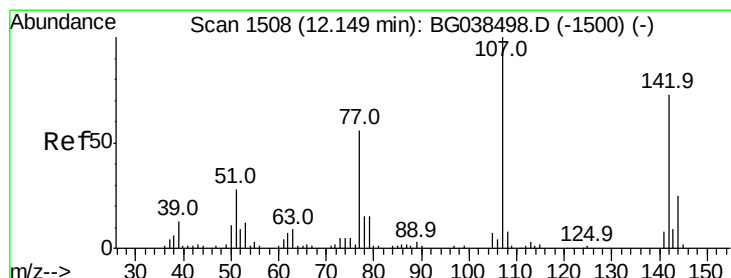
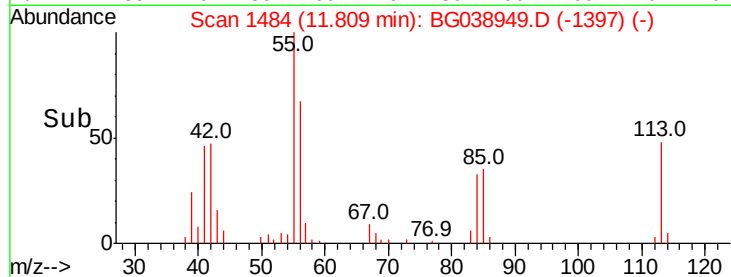
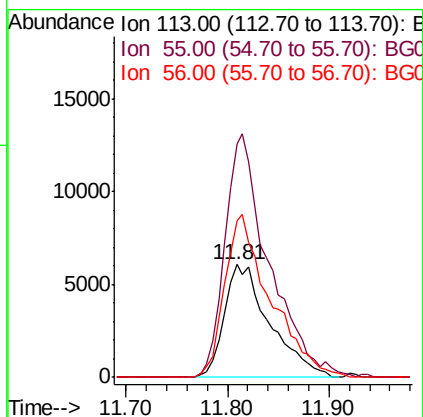
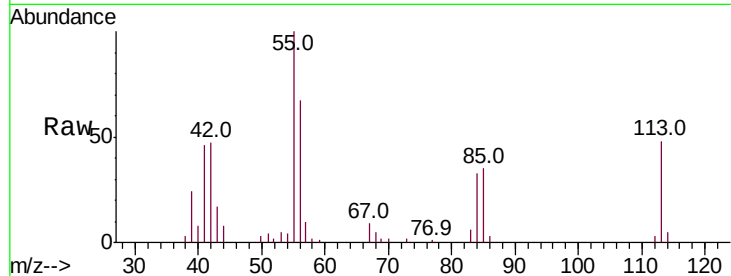
ClientSampled :

PB116155BS

Tot Ion:	113	Resp:	18837
Ion Ratio	Lower	Upper	
113	100		
55	207.2	204.3	244.3
56	139.5	135.0	175.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 32.419 ng

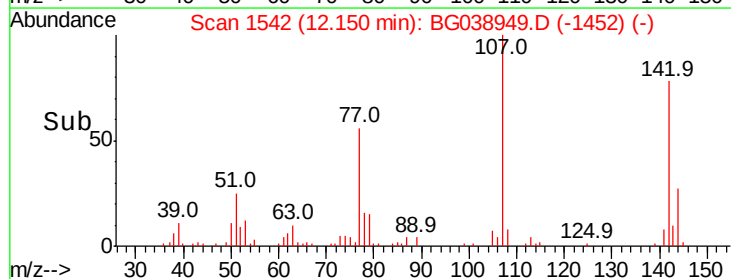
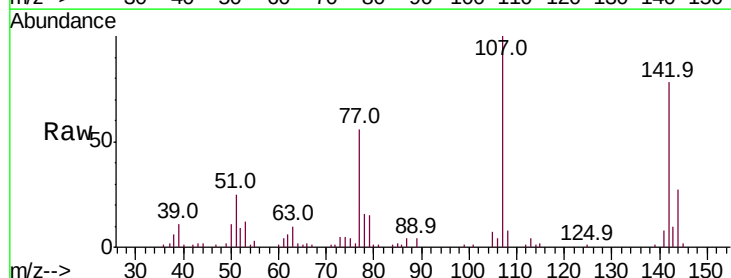
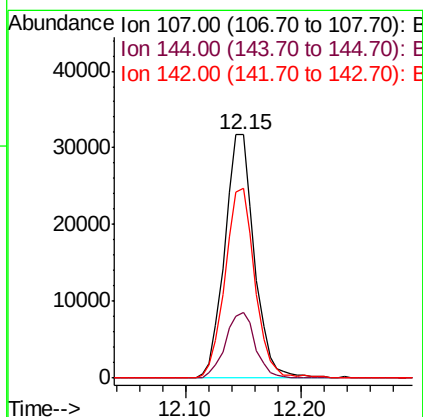
RT: 12.15 min Scan# 1542

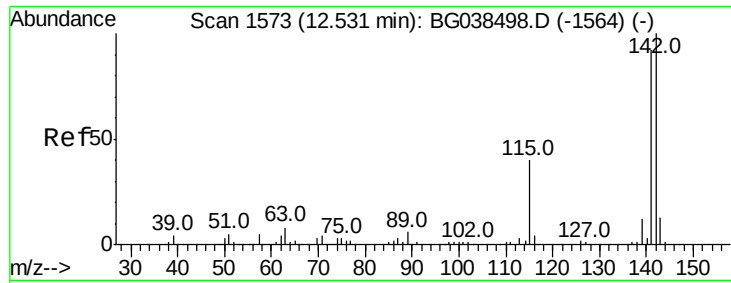
Delta R.T. 0.00 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	107	Resp:	56409
Ion Ratio	Lower	Upper	
107	100		
144	27.2	20.1	30.1
142	78.0	58.7	88.1





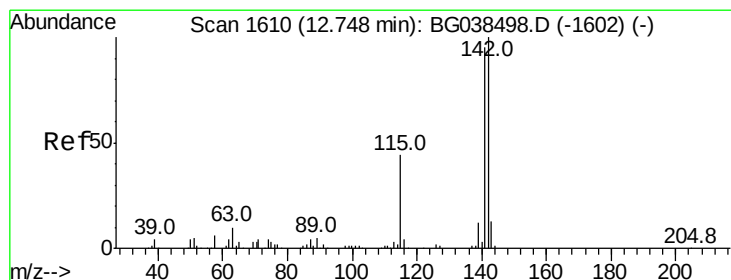
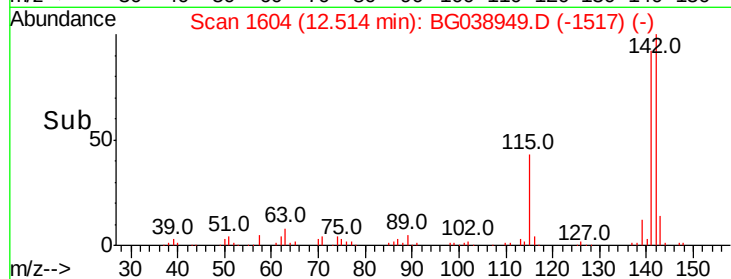
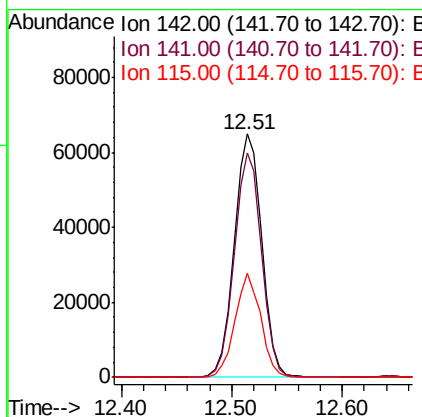
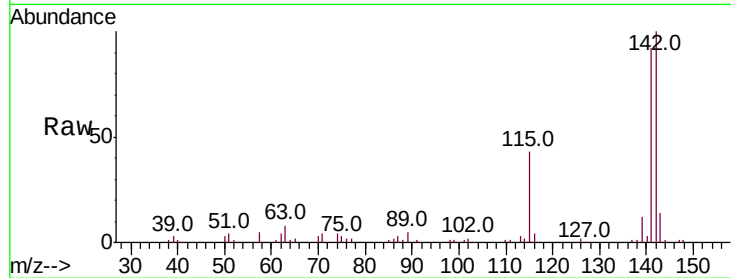
#37
2-Methylnaphthalene
Concen: 34.201 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
115	42.5	31.7	47.5

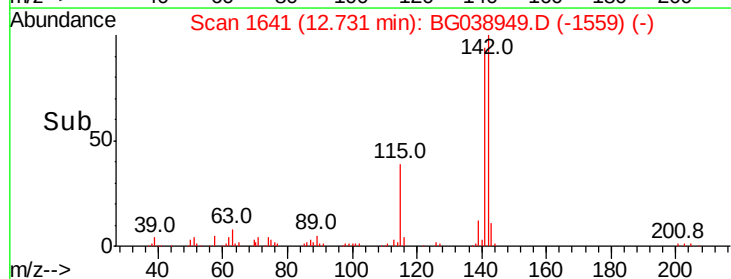
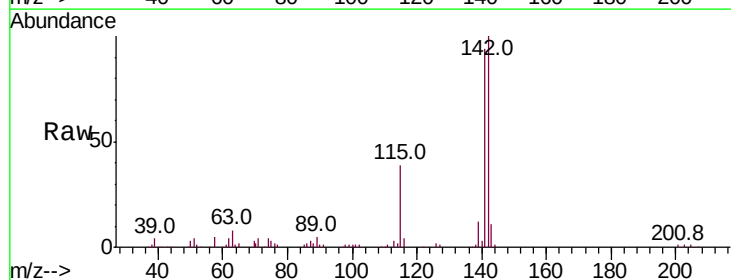
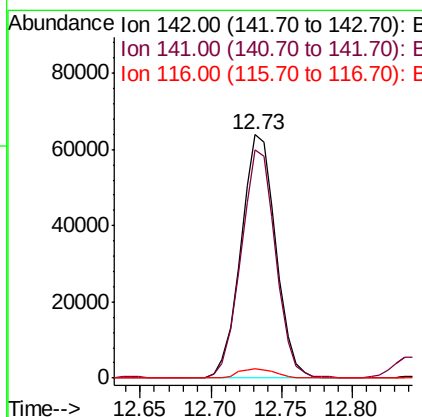
Manual Integrations
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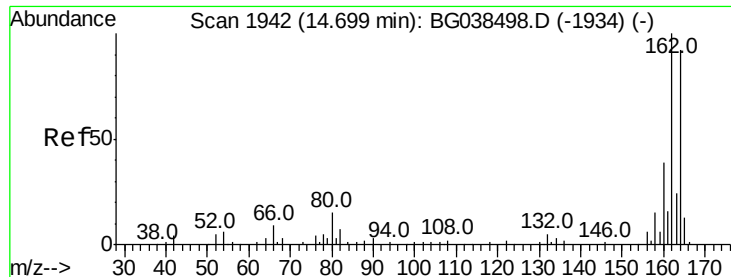
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#38
1-Methylnaphthalene
Concen: 34.229 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.8
116	3.7	3.6	5.4





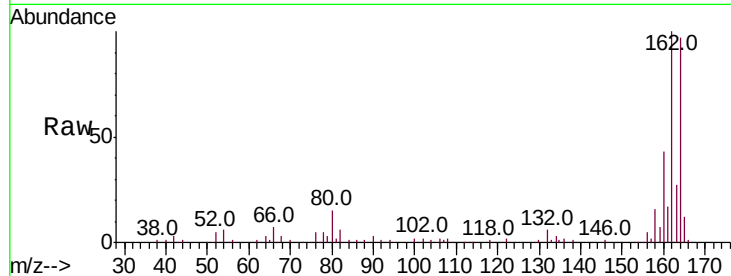
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.6	130.0
160	44.9	34.2	51.2

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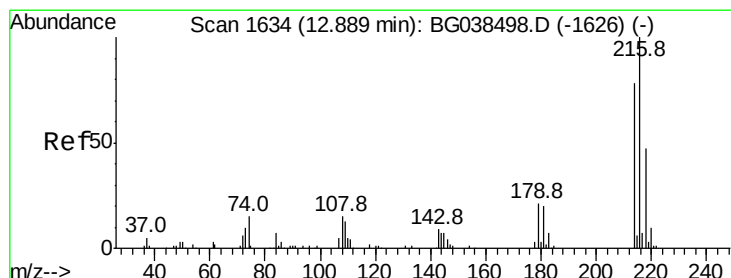
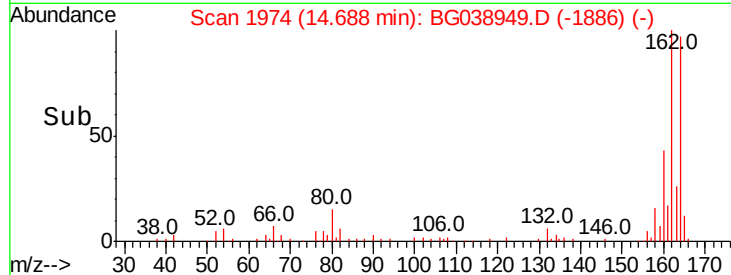
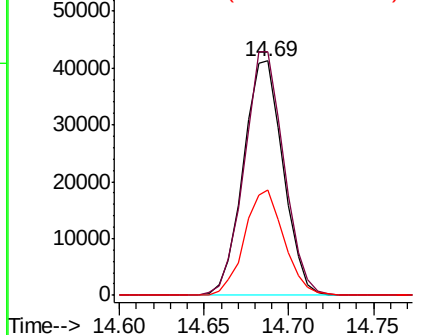


Abundance

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: 28.381 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
179	19.8	16.4	24.6
108	16.6	13.9	20.9

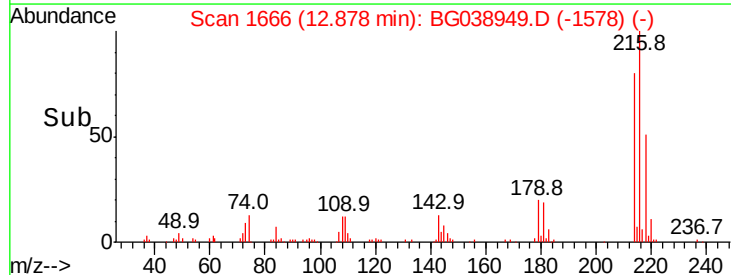
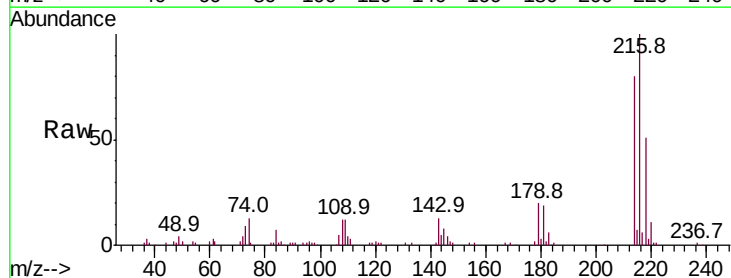
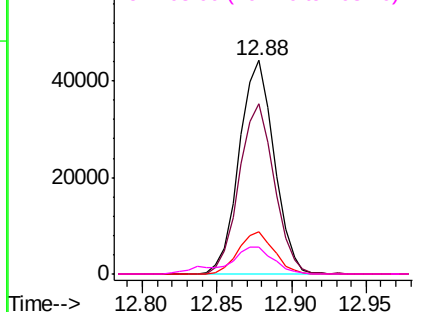
Abundance

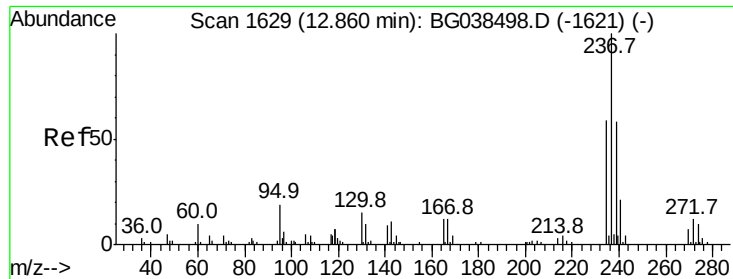
Ion 216.00 (215.70 to 216.70): E

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: 62.588 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

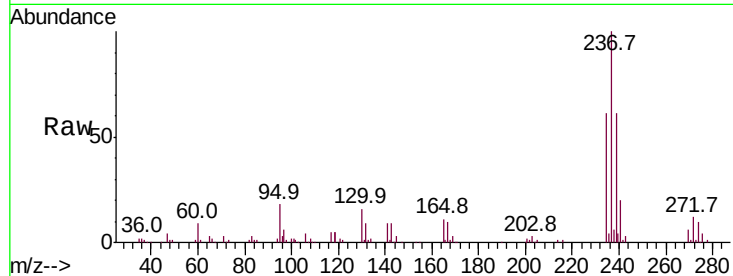
ClientSampleId :

PB116155BS

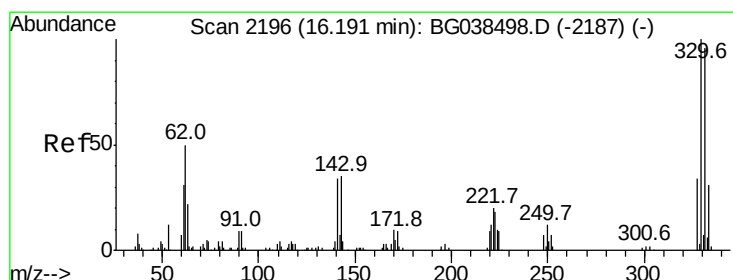
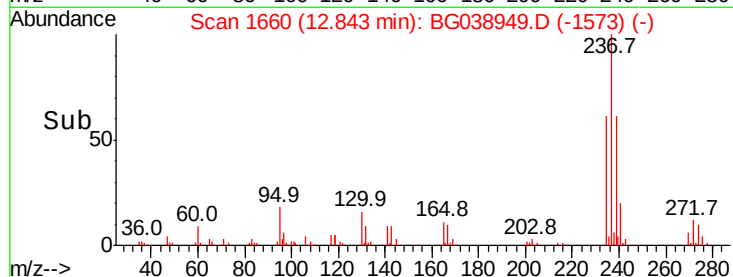
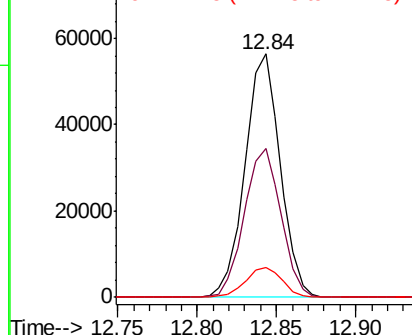
Tot Ion:	237	Resp:	87062
Ion Ratio	Lower	Upper	
237	100		
235	61.2	38.8	78.8
272	12.3	0.0	32.0

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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: 110.236 ng

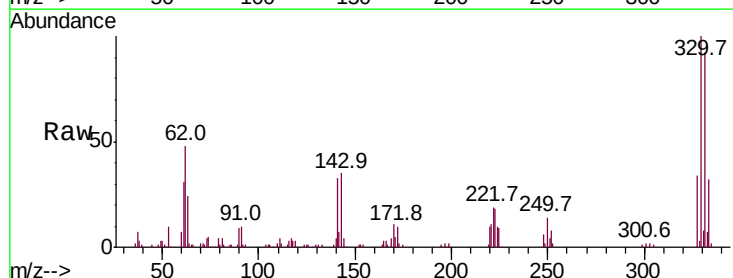
RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

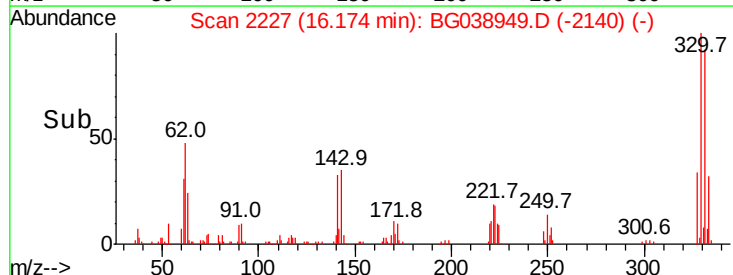
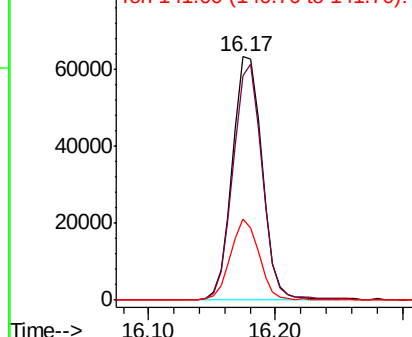
Lab File: BG038949.D

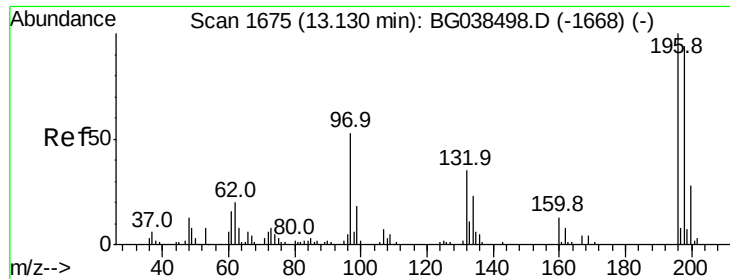
Acq: 5 Jan 2019 4:57

Tgt Ion:	330	Resp:	102908
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.9	115.3
141	31.6	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





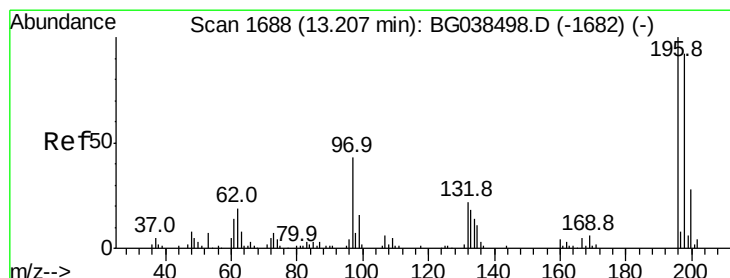
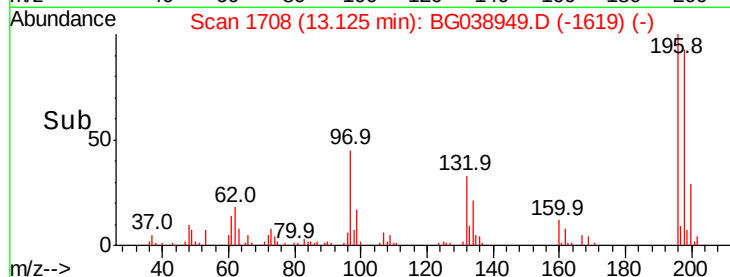
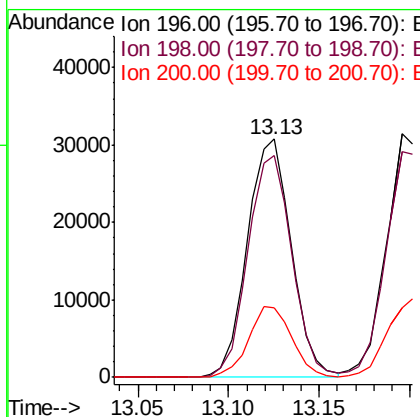
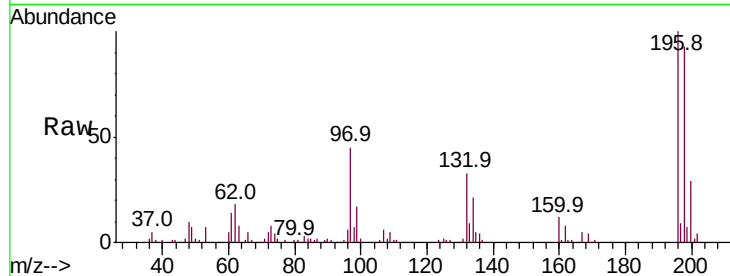
#43
 2,4,6-Trichlorophenol
 Concen: 33.339 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	51902		
198	93.1	75.0	112.4	
200	29.4	22.4	33.6	

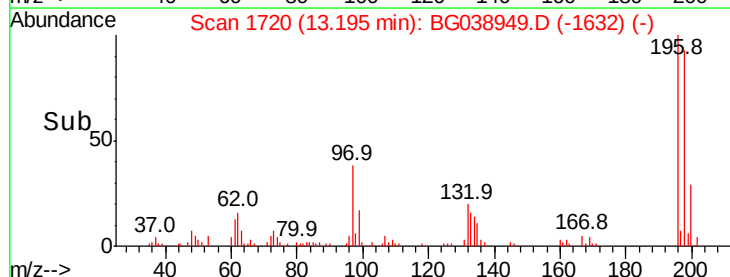
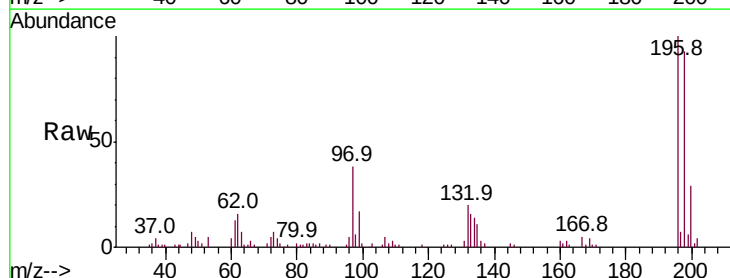
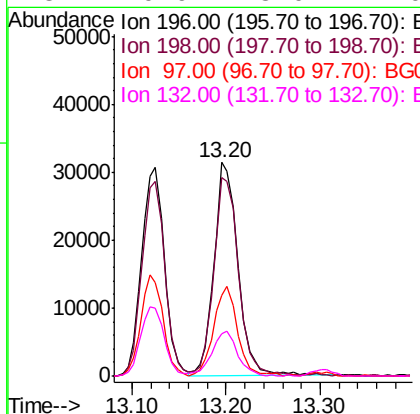
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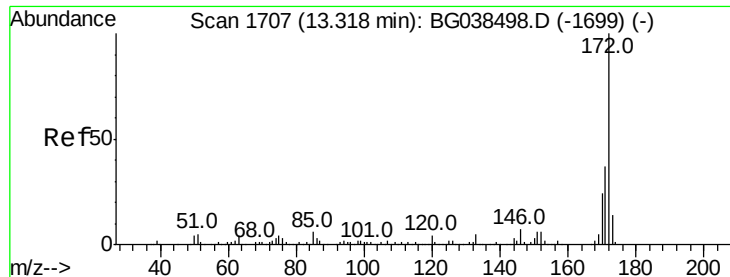
Sohil
 1/7/2019 12:48:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.073 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	56162		
198	92.8	74.0	111.0	
97	38.0	35.1	52.7	
132	19.9	18.0	27.0	





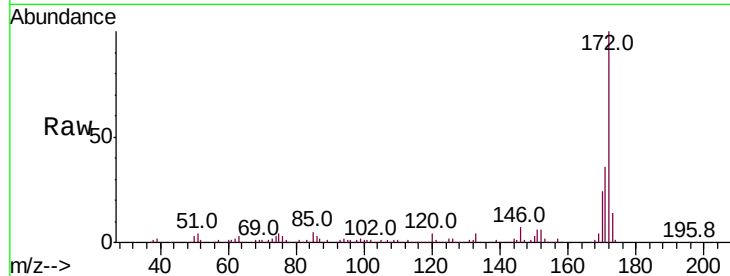
#45
2-Fluorobiphenyl
Concen: 58.534 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.9	19.5	29.3

Manual Integrations
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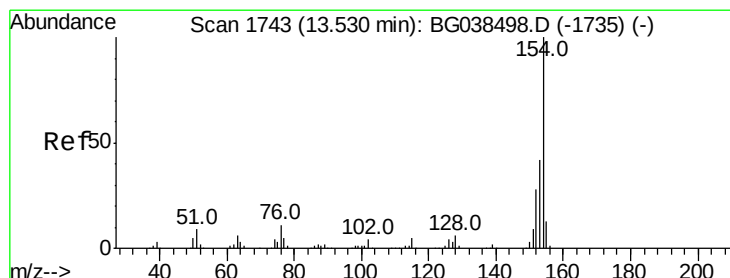
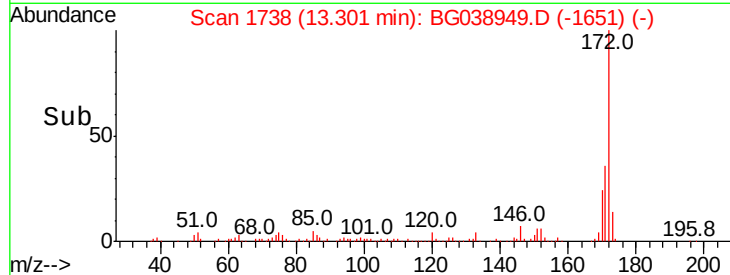
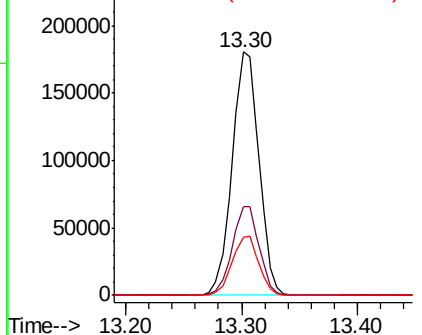


Abundance

Ion 172.00 (171.70 to 172.70): E

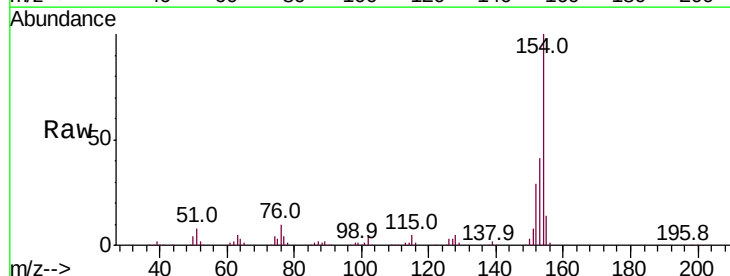
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 27.523 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.1	22.1	62.1
76	9.8	0.0	31.2

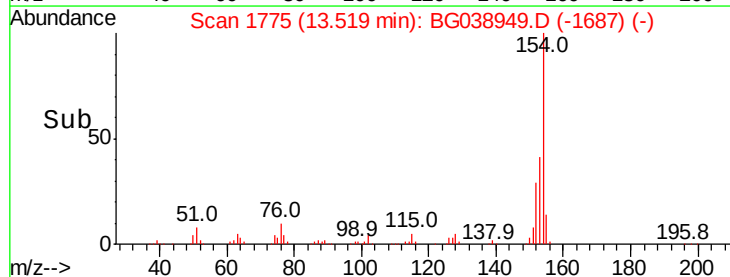
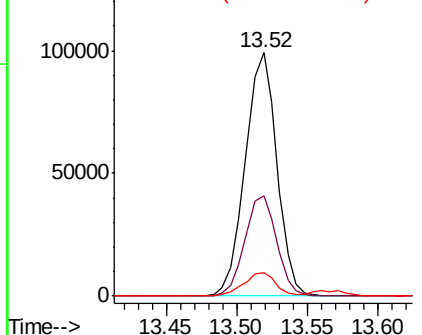


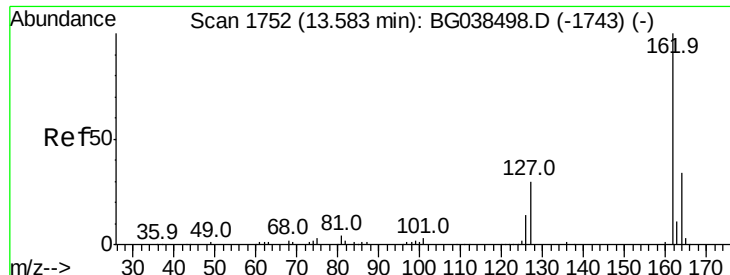
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





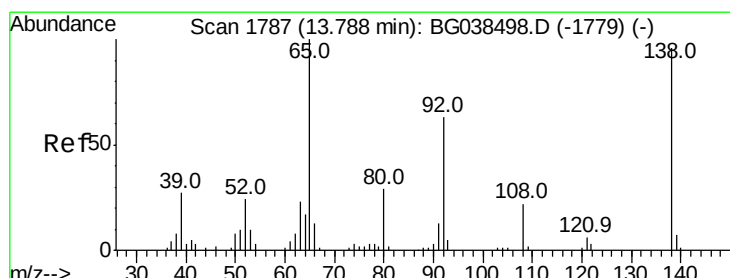
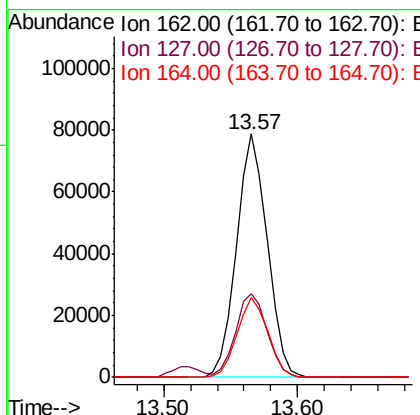
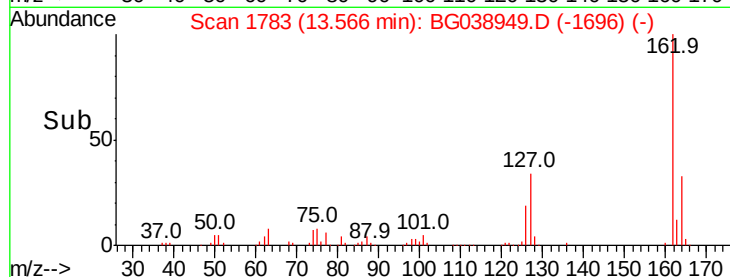
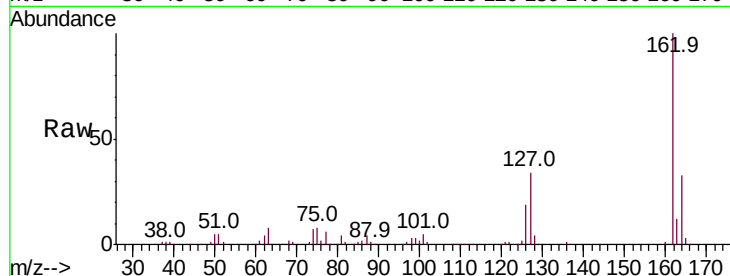
#47
 2-Chloronaphthalene
 Concen: 28.565 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion:	162	Resp:	125294
Ion Ratio	Lower	Upper	
162	100		
127	34.4	27.8	41.8
164	33.0	26.9	40.3

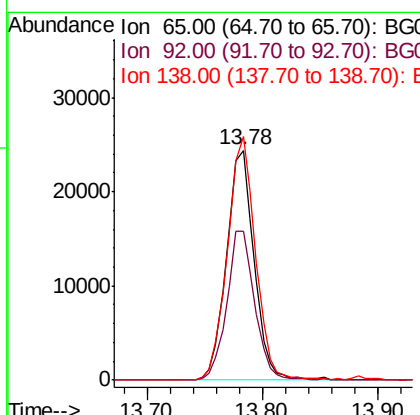
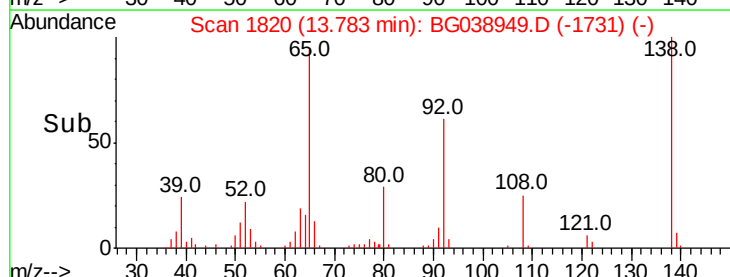
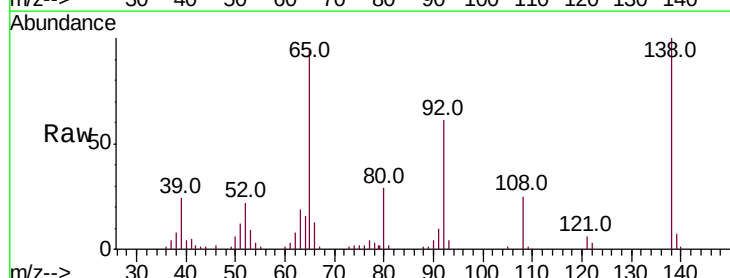
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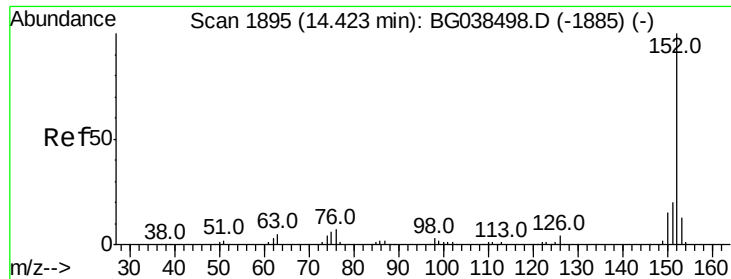
Sohil
 1/7/2019 12:48:25 PM



#48
 2-Nitroaniline
 Concen: 28.991 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:	65	Resp:	40505
Ion Ratio	Lower	Upper	
65	100		
92	64.7	50.0	75.0
138	105.8	76.9	115.3





#49

Acenaphthylene

Concen: 32.005 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

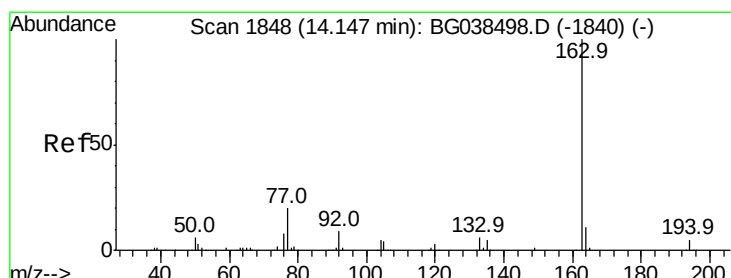
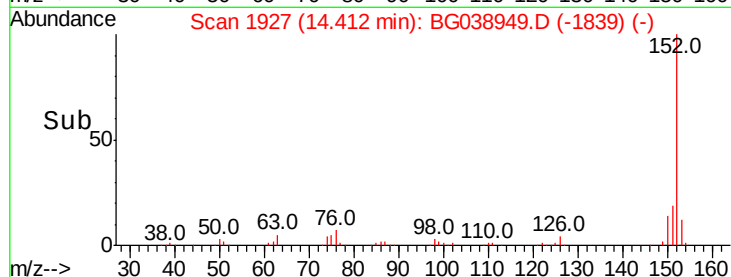
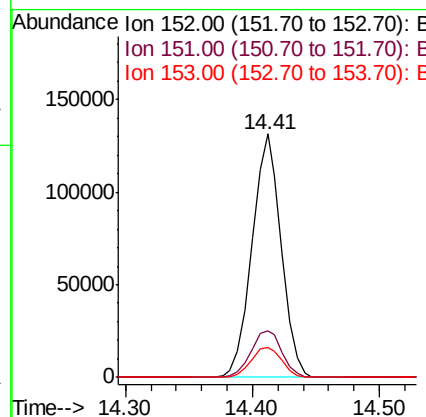
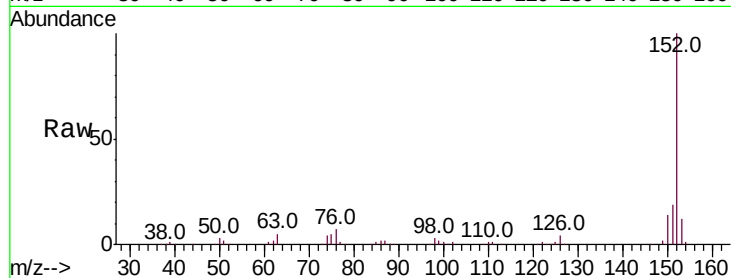
ClientSampleId :

PB116155BS

Tot Ion:	152	Resp:	209871
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.4	24.6
153	12.4	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 30.588 ng

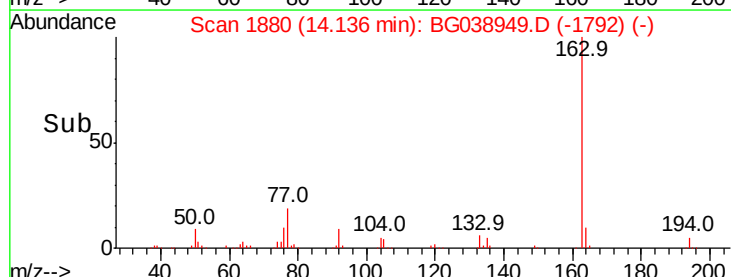
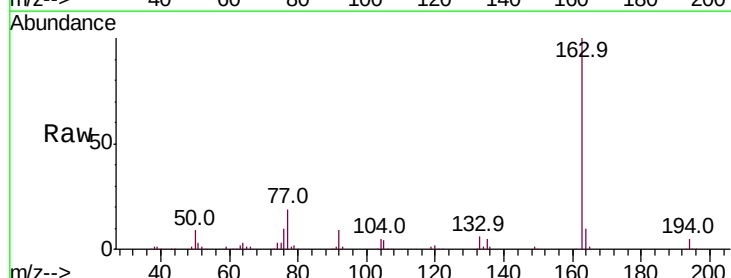
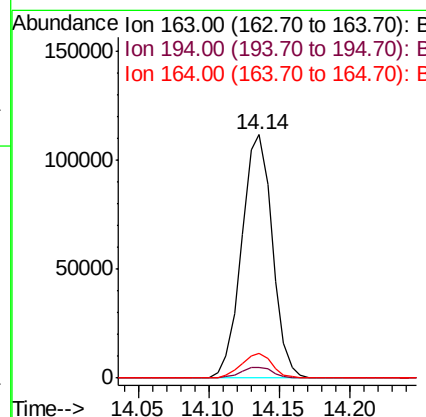
RT: 14.14 min Scan# 1880

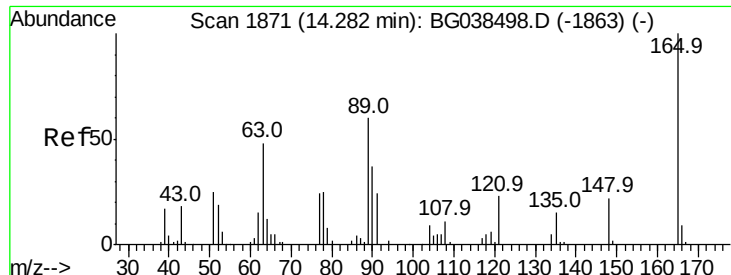
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	163	Resp:	169199
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.0	8.6	12.8





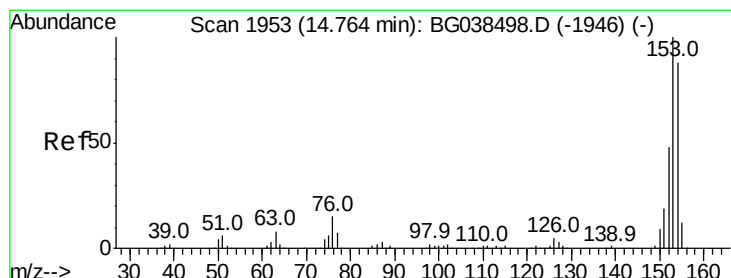
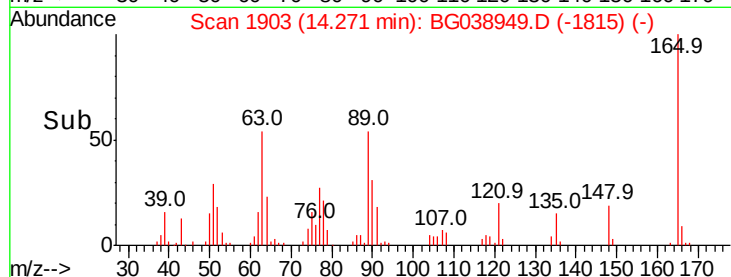
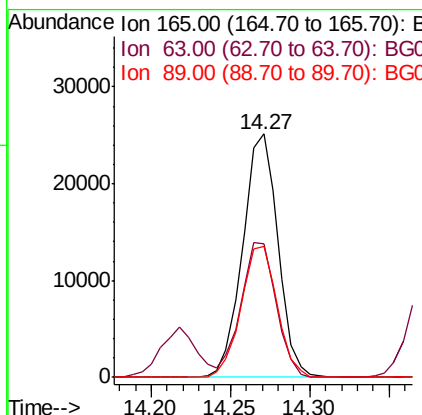
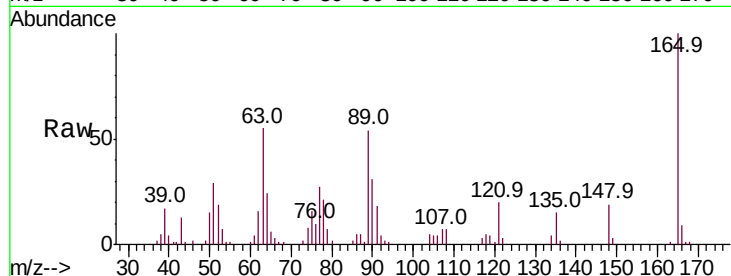
#51
 2,6-Dinitrotoluene
 Concen: 30.926 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	38767		
63	54.9	51.8	77.6	
89	53.9	47.9	71.9	

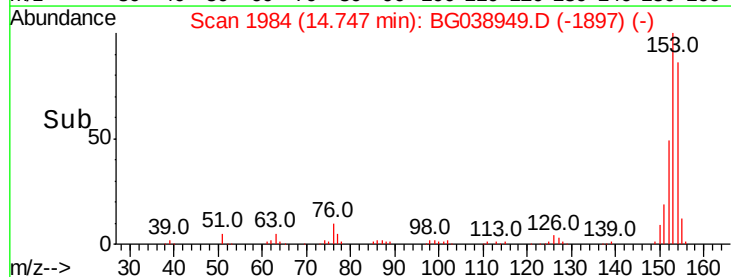
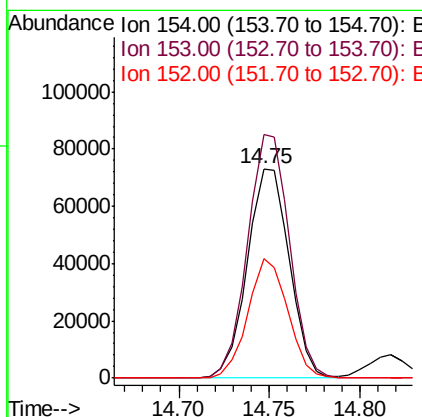
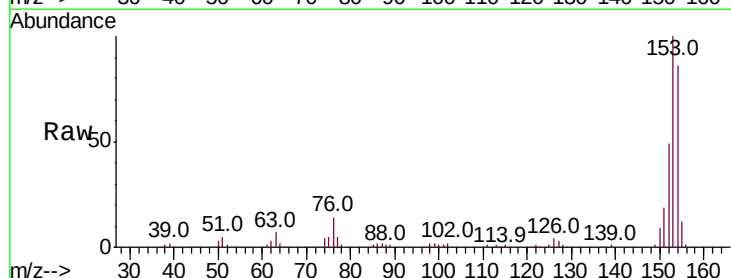
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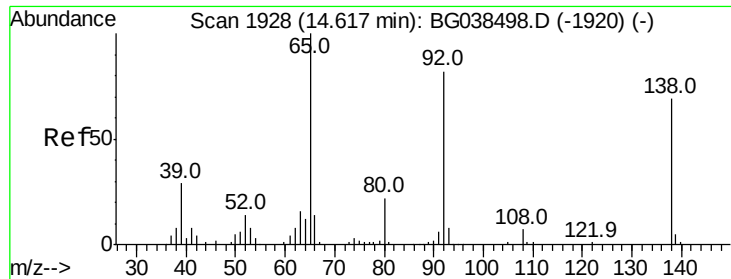
Sohil
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#52
 Acenaphthene
 Concen: 30.062 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	117877		
153	116.1	90.6	136.0	
152	57.1	43.5	65.3	





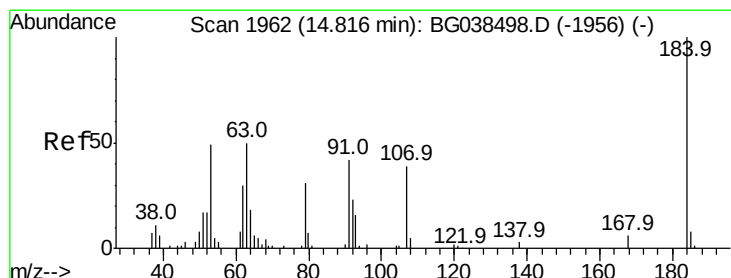
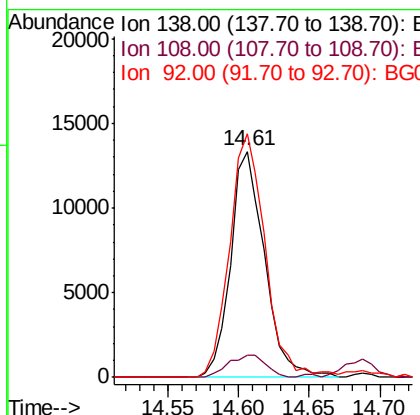
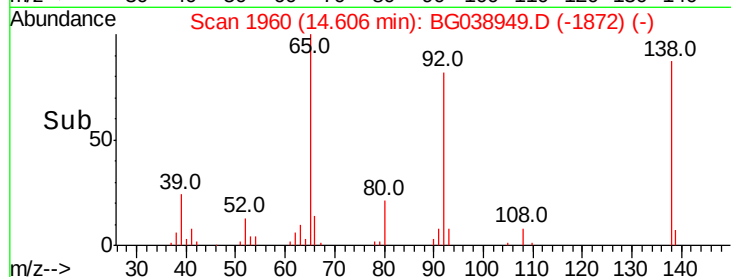
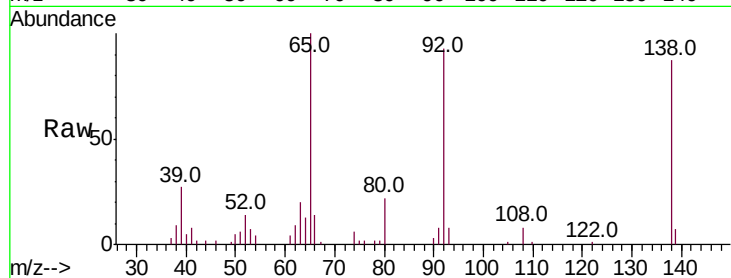
#53
3-Nitroaniline
Concen: 17.532 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	107.6	95.3	142.9

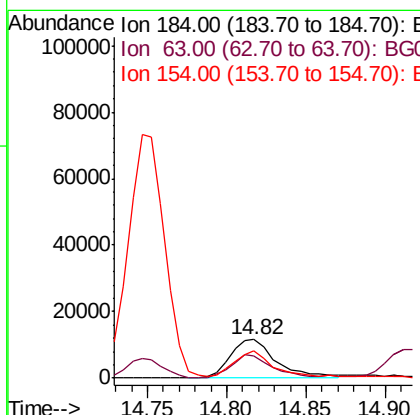
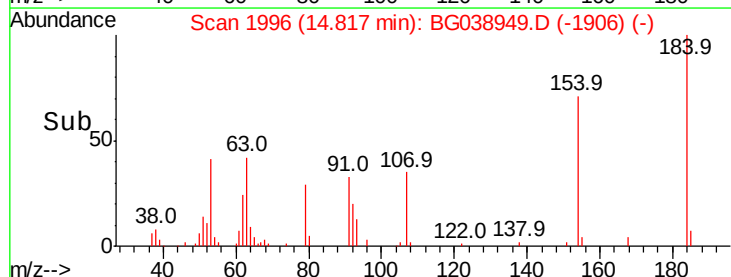
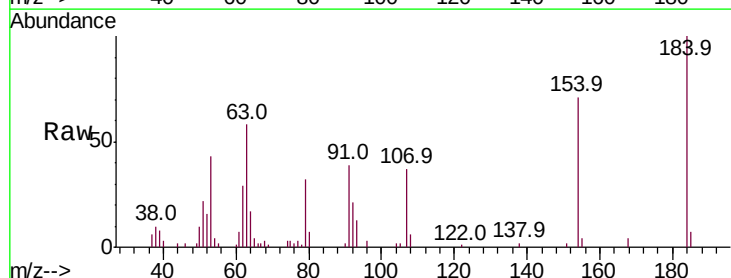
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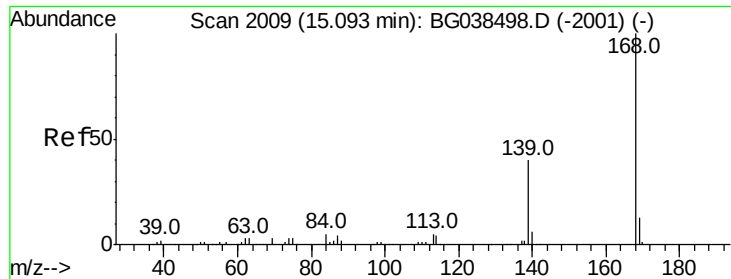
Sohil
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#54
2,4-Dinitrophenol
Concen: 34.282 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	47.0	70.6
154	71.4	50.3	75.5





#55

Dibenzofuran

Concen: 30.459 ng

RT: 15.08 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

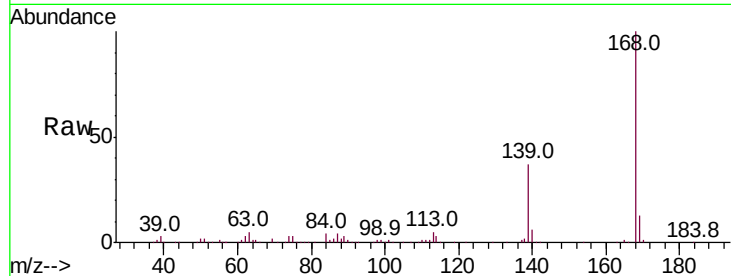
ClientSampleId :

PB116155BS

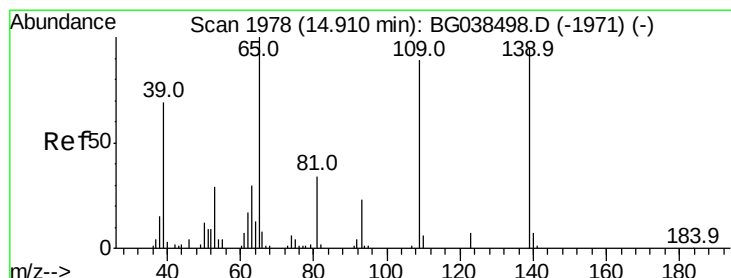
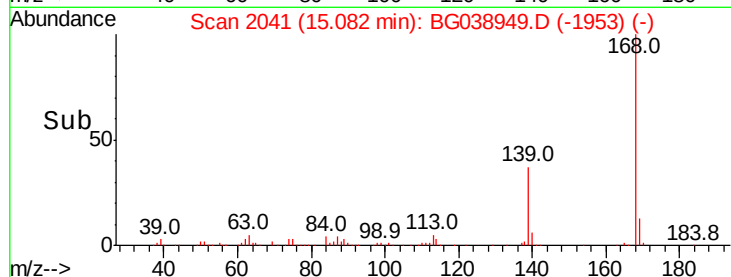
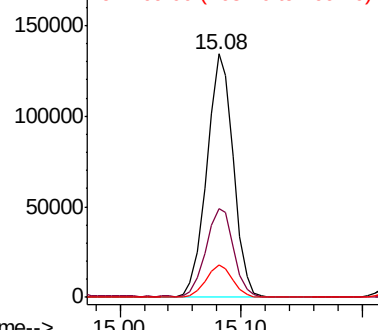
Tot Ion:	168	Resp:	204727
Ion Ratio	Lower	Upper	
168	100		
139	36.5	32.2	48.2
169	13.1	10.6	16.0

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 57.242 ng

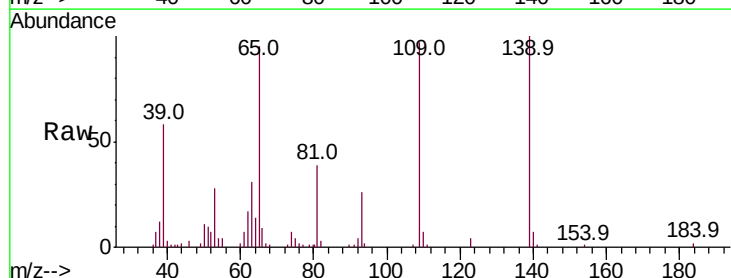
RT: 14.92 min Scan# 2013

Delta R.T. 0.01 min

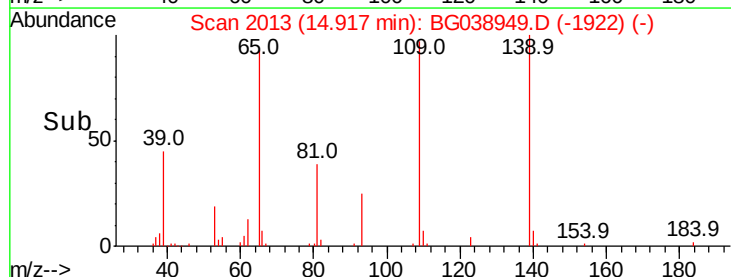
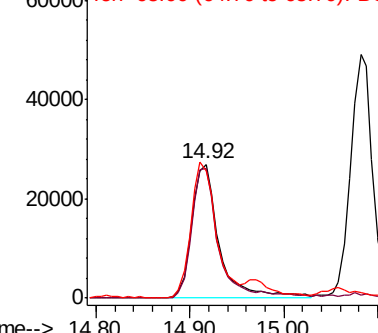
Lab File: BG038949.D

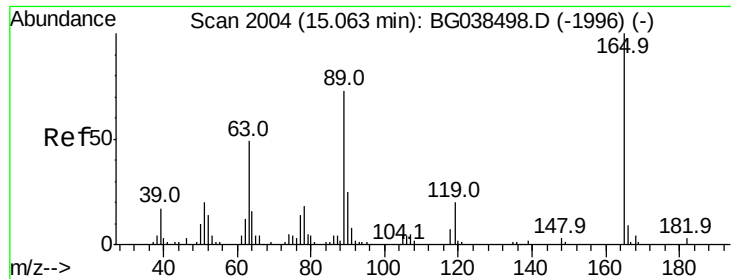
Acq: 5 Jan 2019 4:57

Tgt Ion:	139	Resp:	55490
Ion Ratio	Lower	Upper	
139	100		
109	96.8	73.6	113.6
65	94.8	84.8	124.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





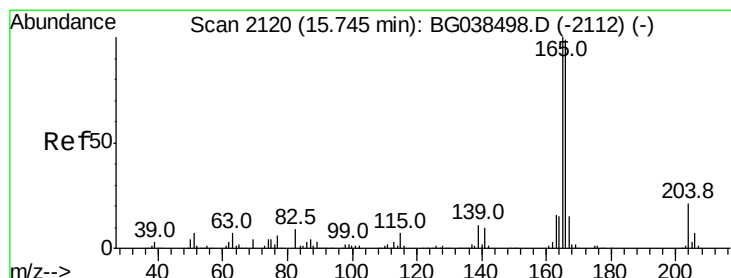
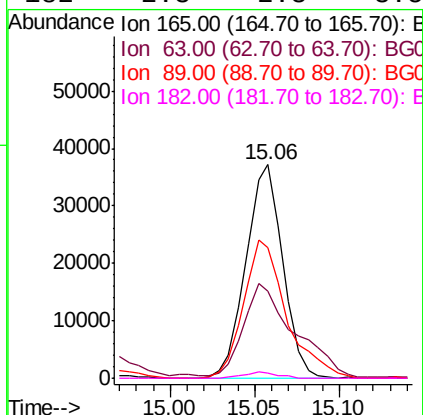
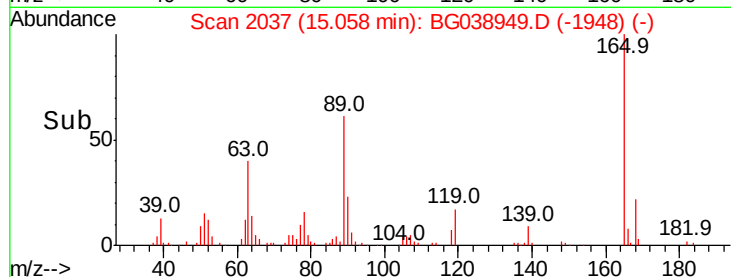
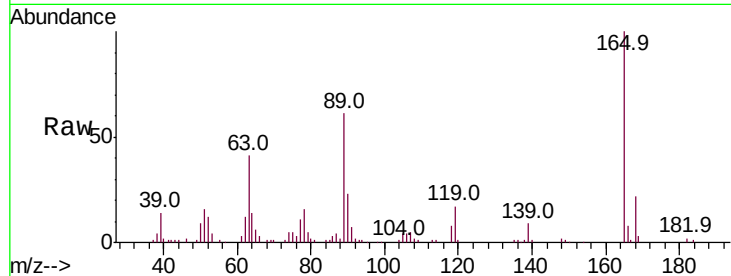
#57
 2,4-Dinitrotoluene
 Concen: 31.832 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.7	39.0	58.4
89	61.1	58.0	87.0
182	2.3	2.3	3.5

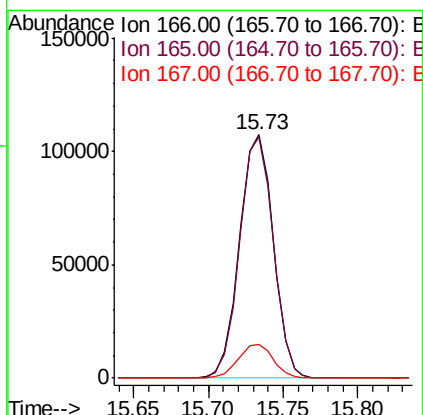
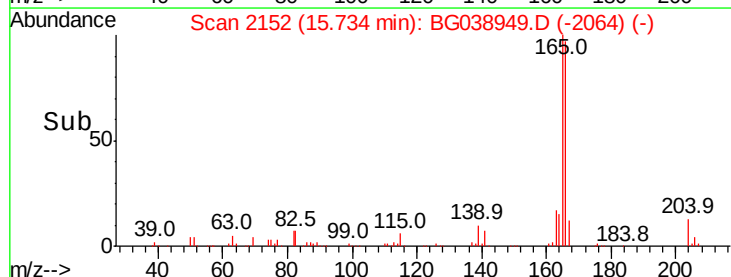
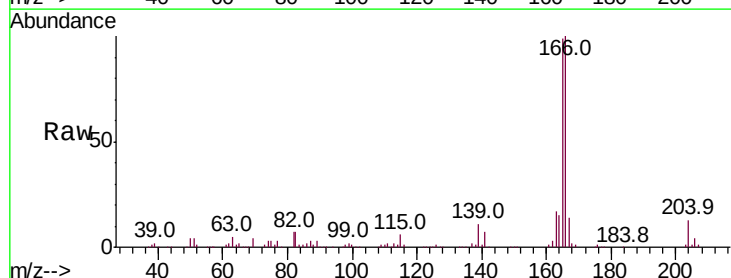
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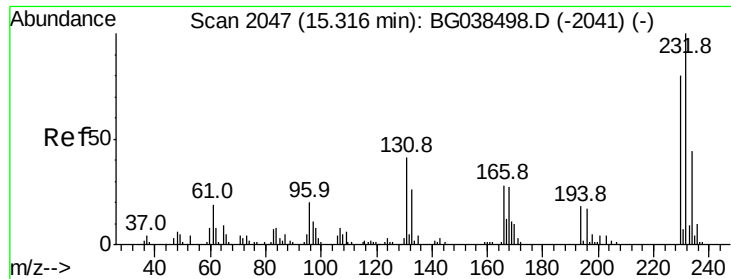
Sohil
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#58
 Fluorene
 Concen: 33.770 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.2	80.6	120.8
167	13.6	12.0	18.0





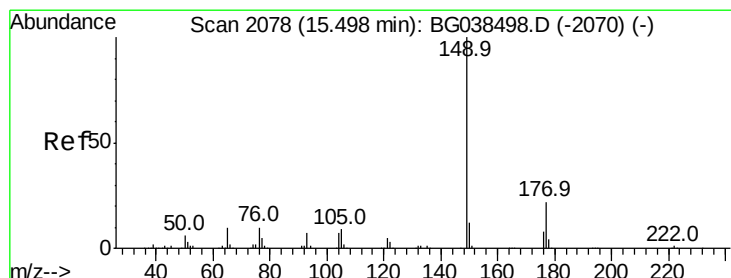
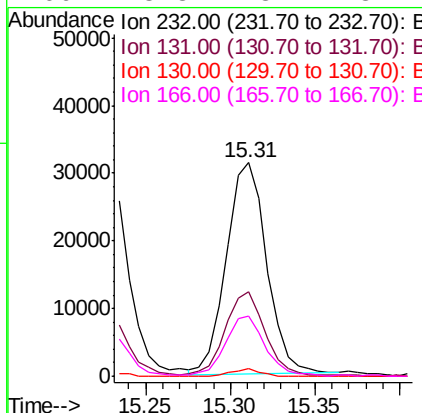
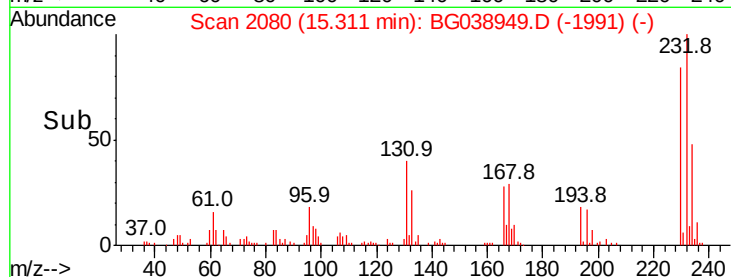
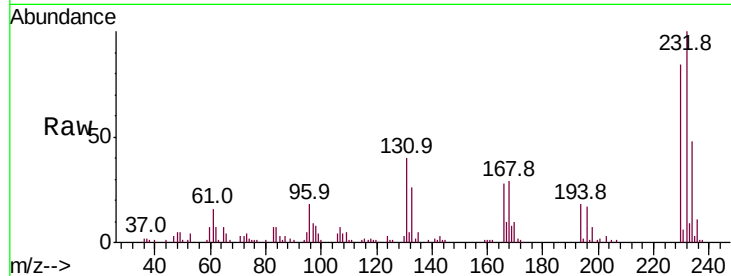
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.796 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion:	232	Resp:	51601
Ion Ratio	Lower	Upper	
232	100		
131	40.5	33.0	49.4
130	2.4	2.0	3.0
166	28.3	23.1	34.7

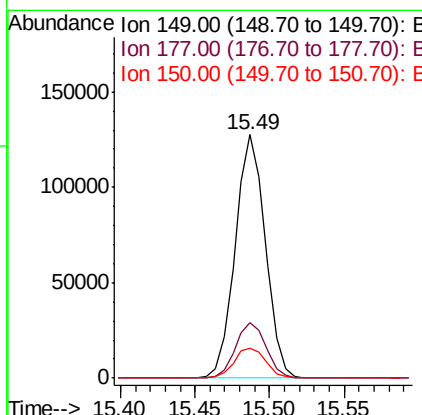
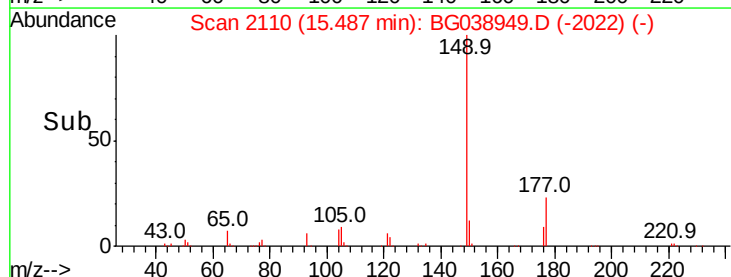
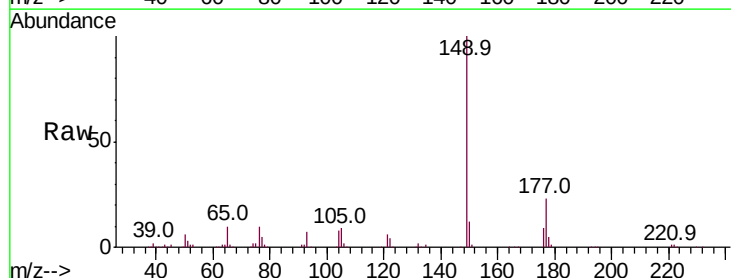
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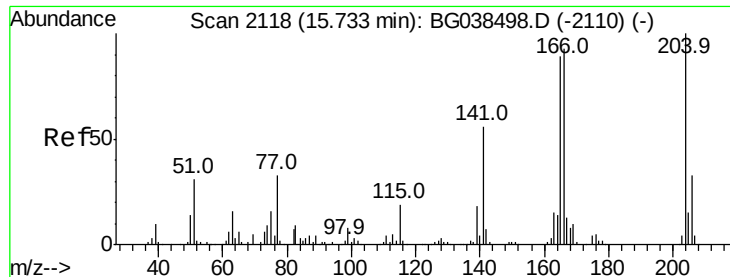
Sohil
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#60
Diethylphthalate
Concen: 29.400 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion:	149	Resp:	178528
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.7	26.5
150	12.2	9.9	14.9





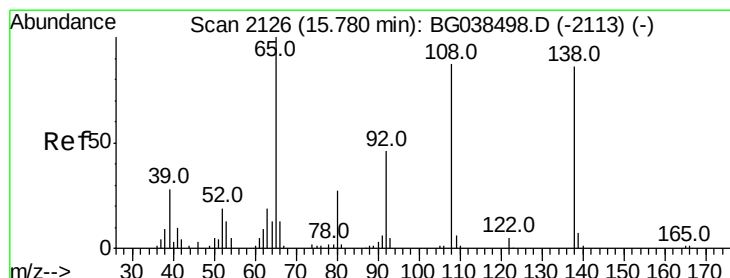
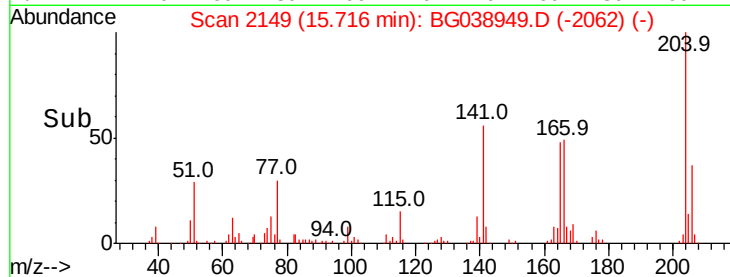
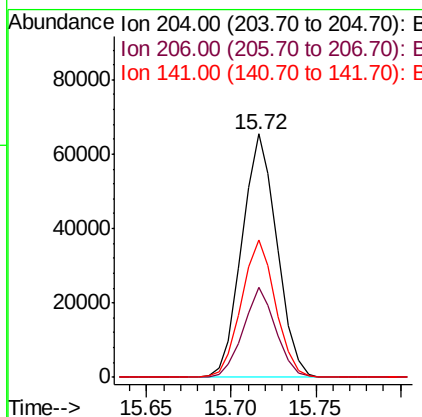
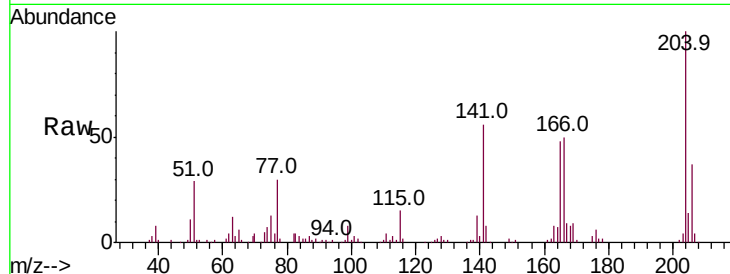
#61
 4-Chlorophenyl-phenylether
 Concen: 30.269 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampled :
 PB116155BS

Tot Ion:	204	Resp:	94046
Ion Ratio	Lower	Upper	
204	100		
206	36.8	26.0	39.0
141	56.3	44.4	66.6

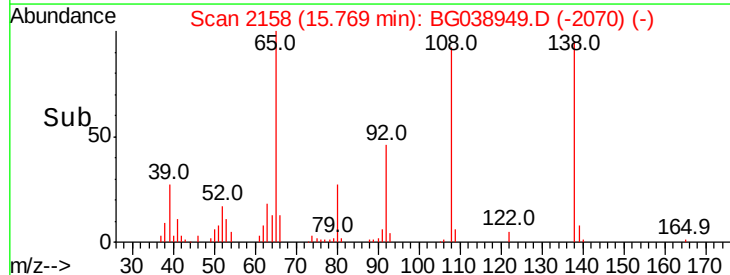
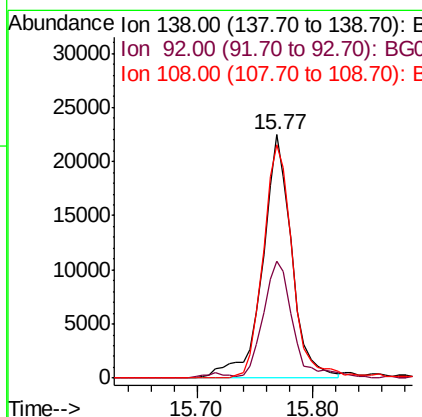
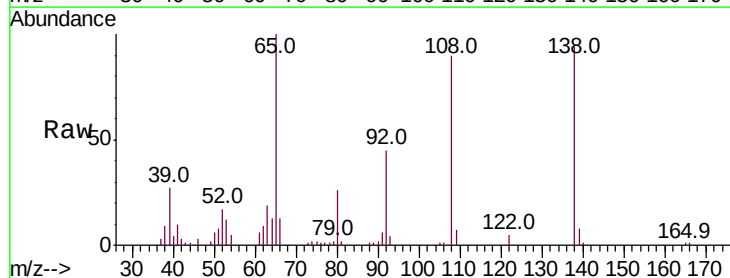
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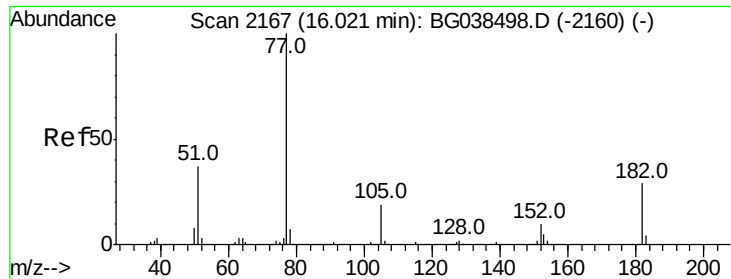
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#62
 4-Nitroaniline
 Concen: 29.991 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:	138	Resp:	39455
Ion Ratio	Lower	Upper	
138	100		
92	47.9	33.3	73.3
108	96.1	81.4	121.4





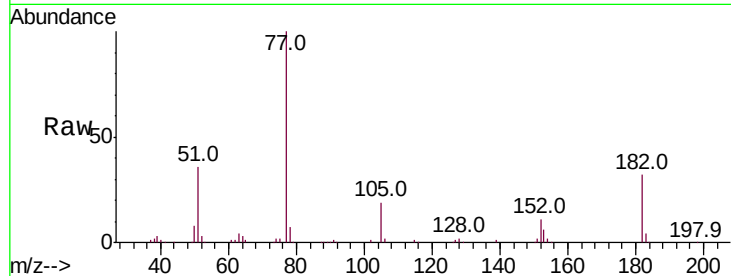
#63
Azobenzene
Concen: 28.209 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

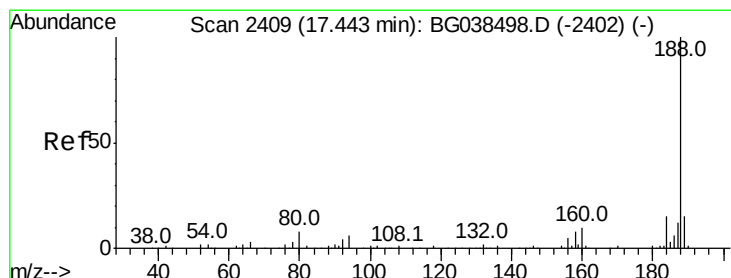
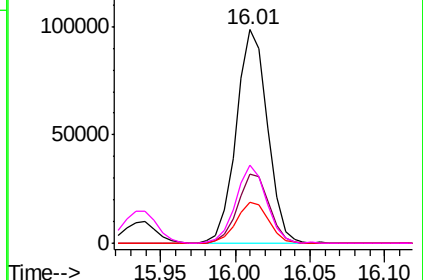
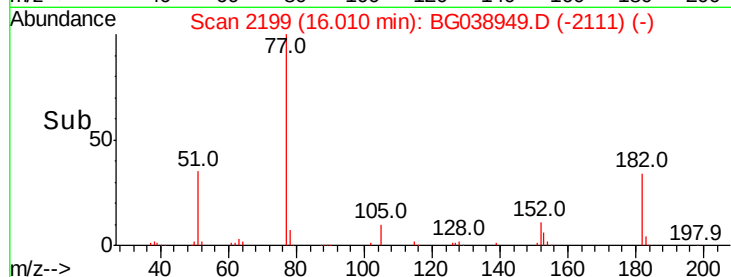
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.3	8.7	48.7
105	19.0	0.0	38.7
51	36.4	16.6	56.6

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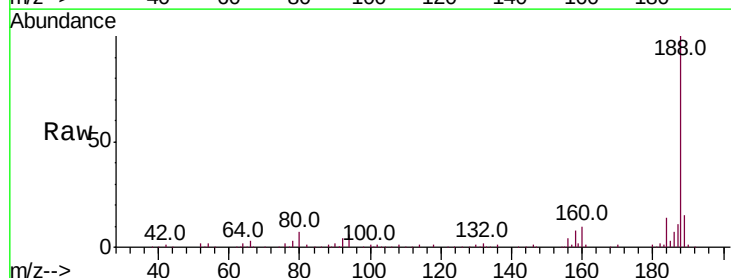


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

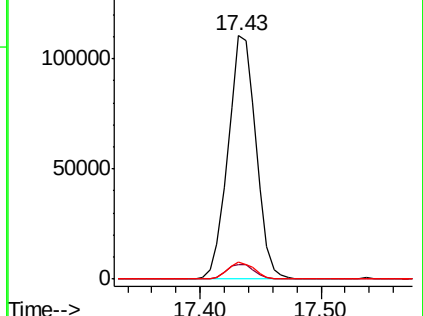
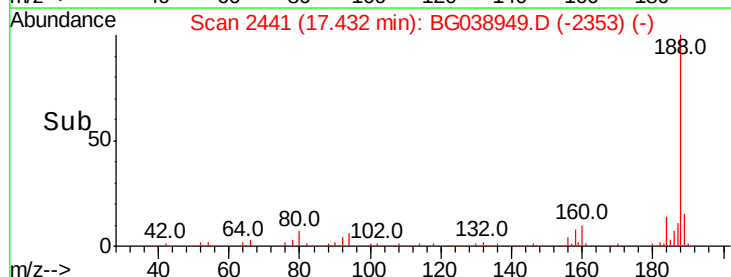


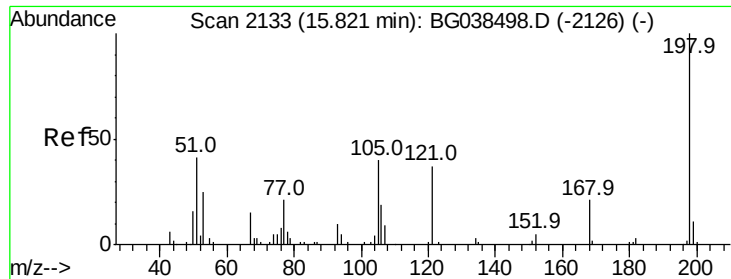
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	6.9	6.1	9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





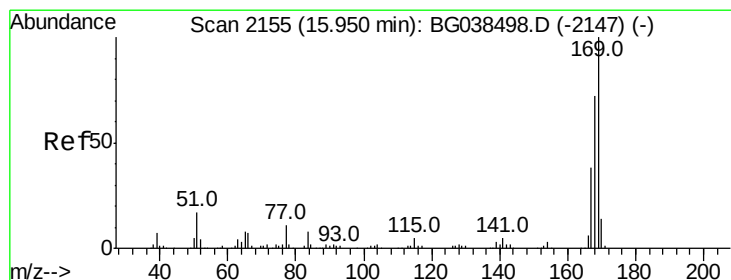
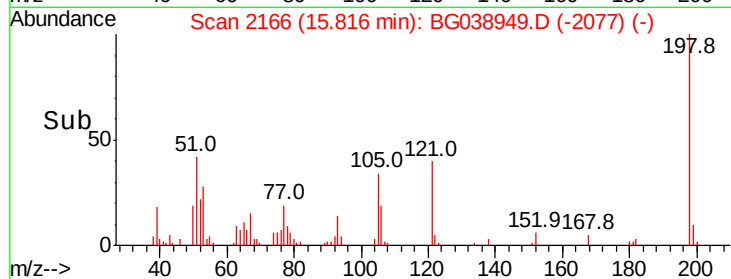
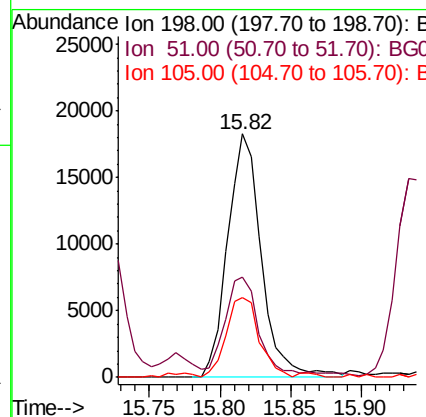
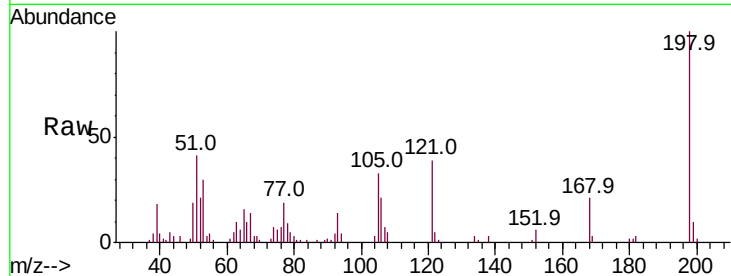
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.017 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	30397		
51	41.1	28.6	68.6	
105	32.7	20.4	60.4	

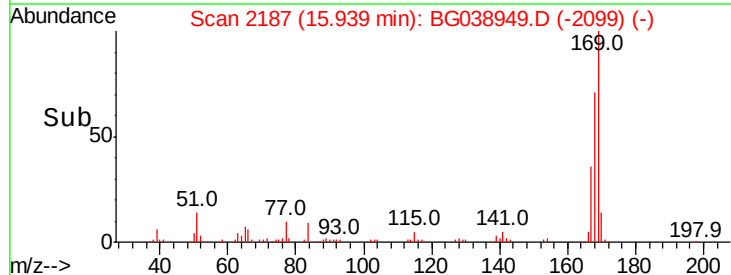
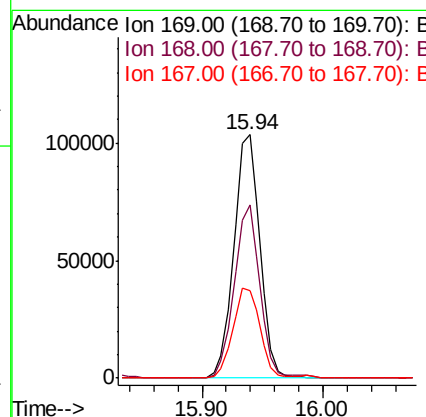
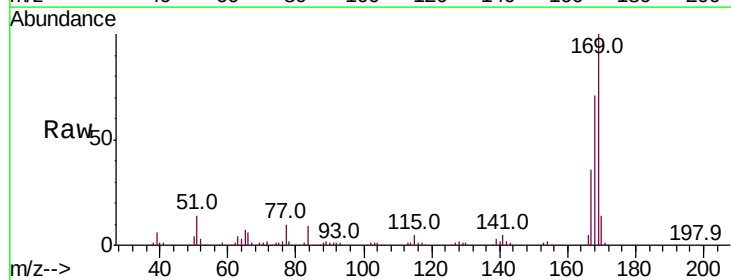
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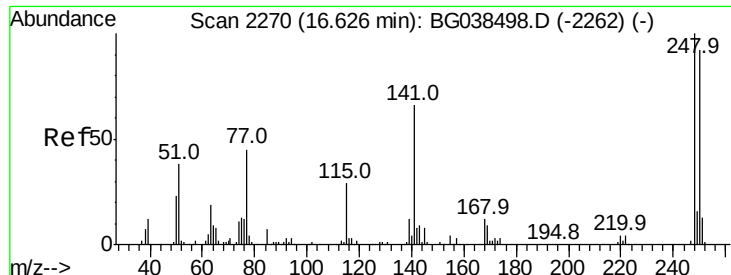
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#66
 n-Nitrosodiphenylamine
 Concen: 29.838 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	155551		
168	71.3	57.5	86.3	
167	35.9	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 30.581 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

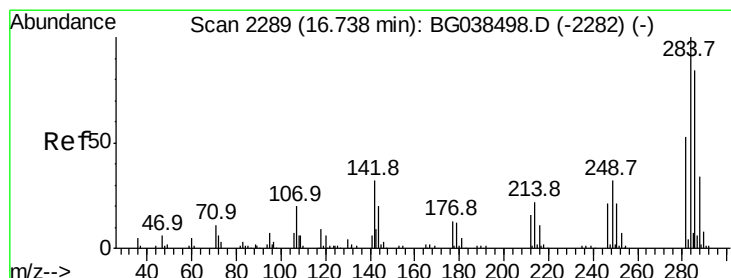
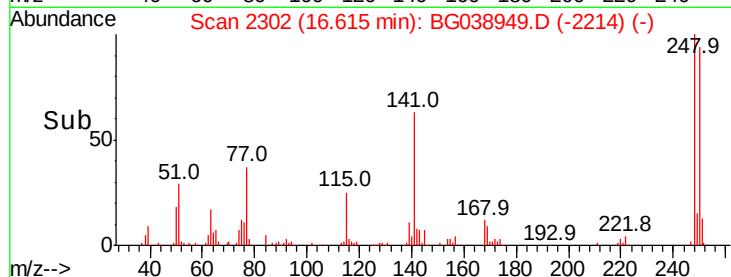
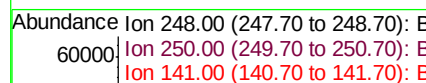
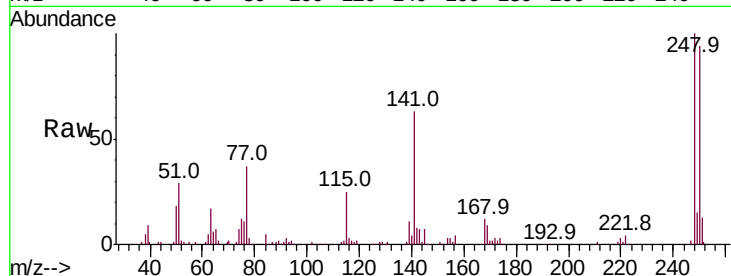
ClientSampleId :

PB116155BS

Tot Ion:	248	Resp:	66266
Ion Ratio	Lower	Upper	
248	100		
250	93.7	73.4	110.2
141	63.1	52.9	79.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 31.354 ng

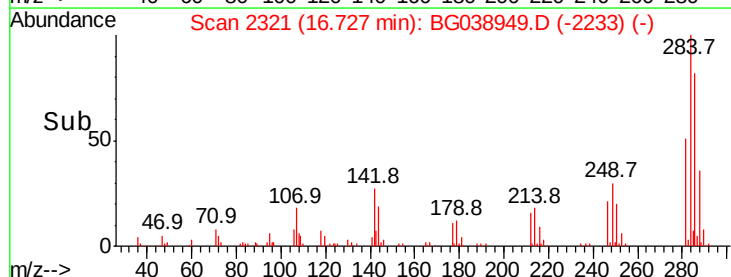
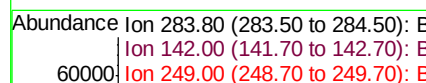
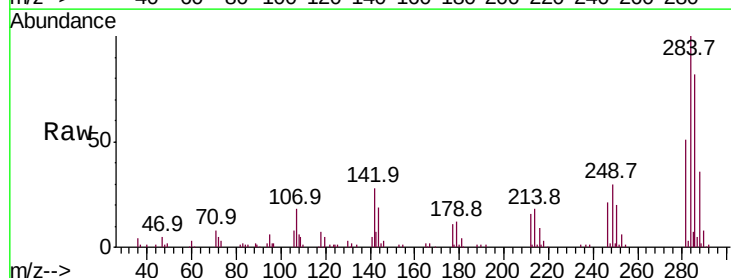
RT: 16.73 min Scan# 2321

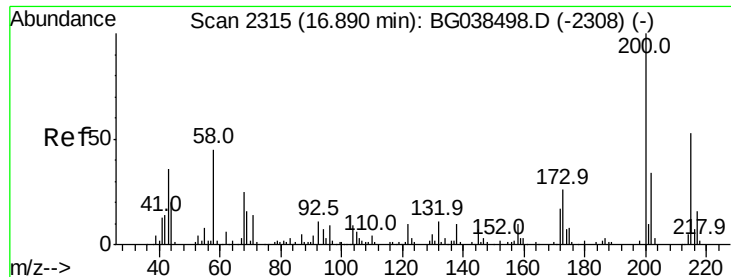
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	284	Resp:	70427
Ion Ratio	Lower	Upper	
284	100		
142	27.8	25.8	38.6
249	32.2	27.0	40.4





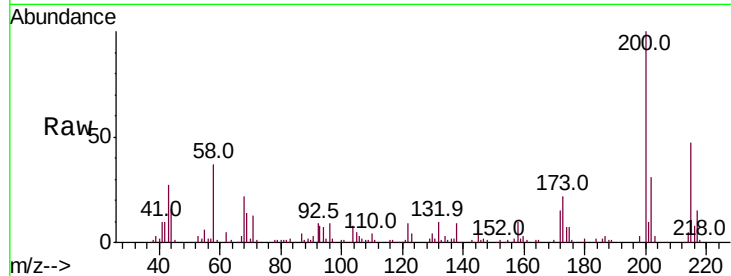
#69
Atrazine
Concen: 35.053 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.7	5.9	45.9
215	47.5	33.1	73.1

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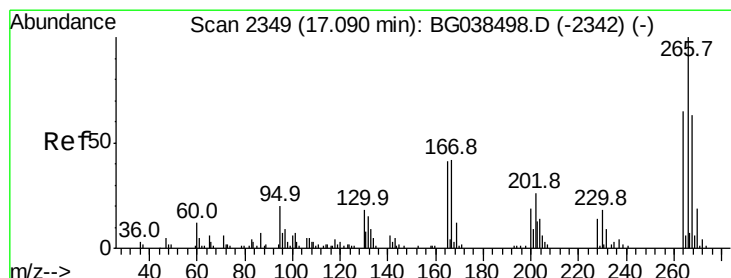
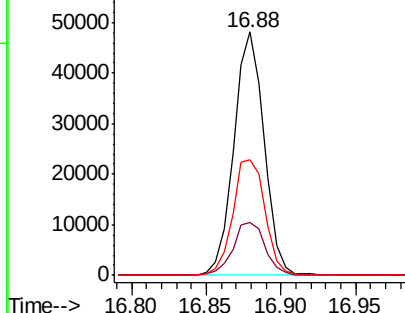
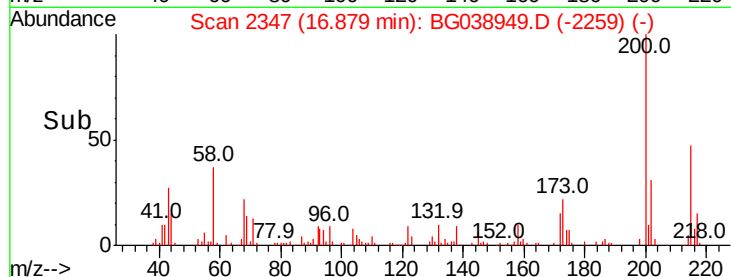


Abundance

Ion 200.00 (199.70 to 200.70): E

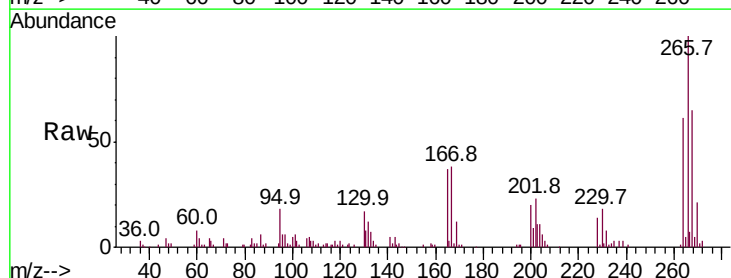
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 50.756 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.6	55.0	82.6
264	66.5	56.7	85.1

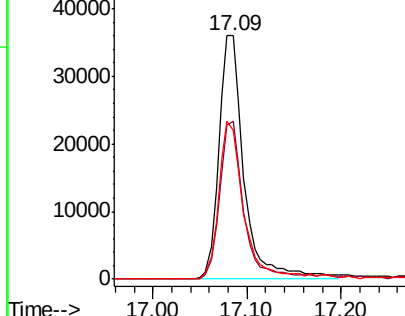
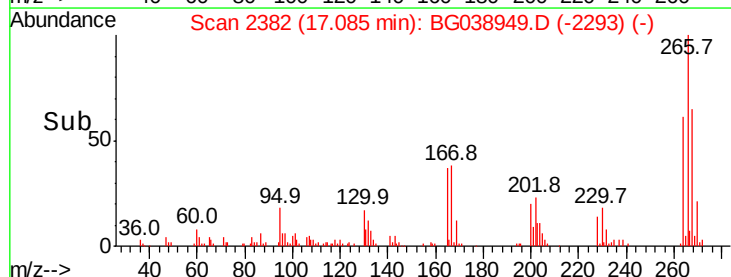


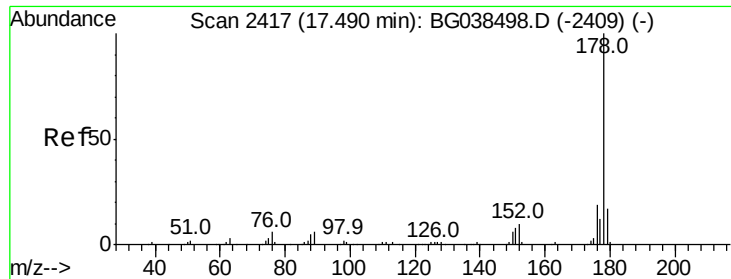
Abundance

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





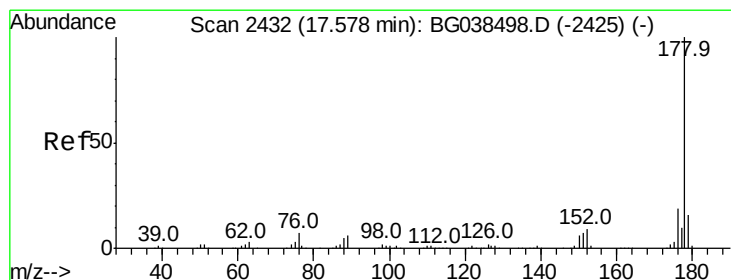
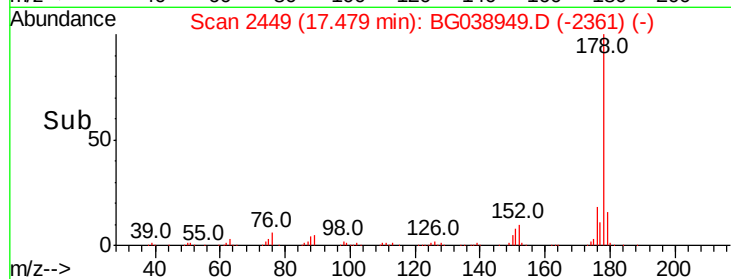
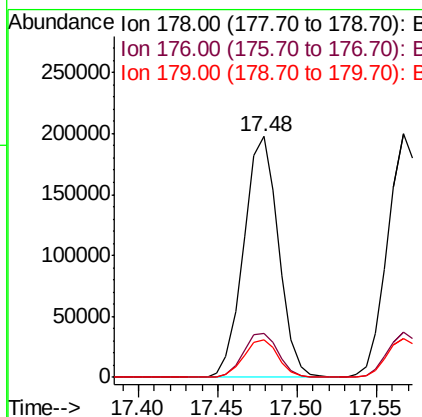
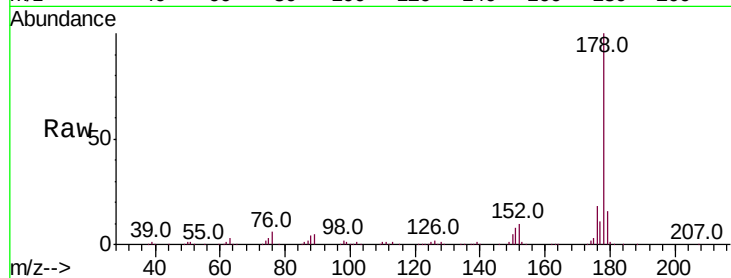
#71
 Phenanthrene
 Concen: 32.675 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleID :
 PB116155BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.7	13.2	19.8

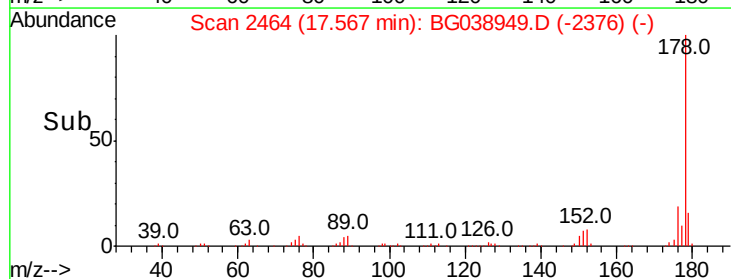
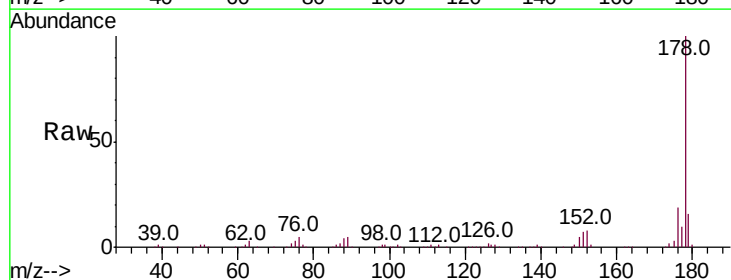
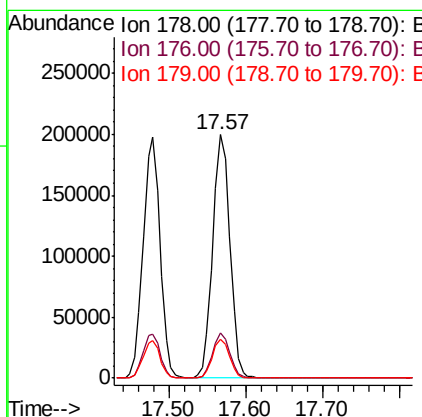
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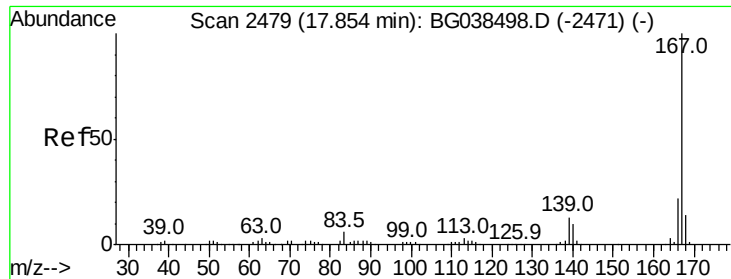
Sohil
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#72
 Anthracene
 Concen: 33.882 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.0	12.9	19.3





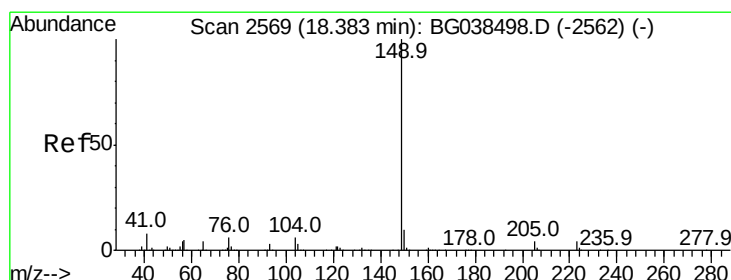
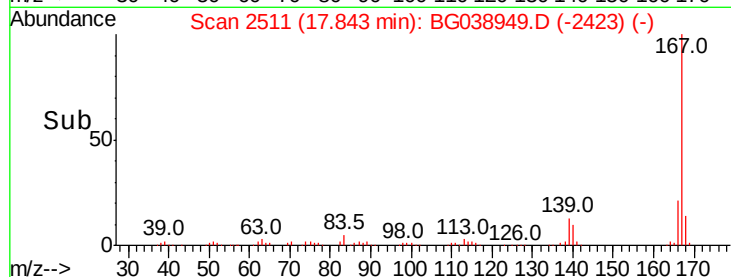
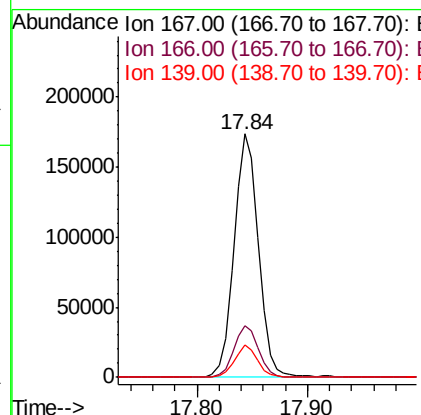
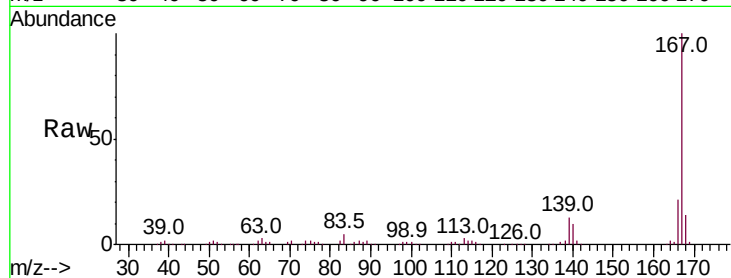
#73
 Carbazole
 Concen: 29.933 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	17.9	26.9	
139	13.2	10.2	15.2	

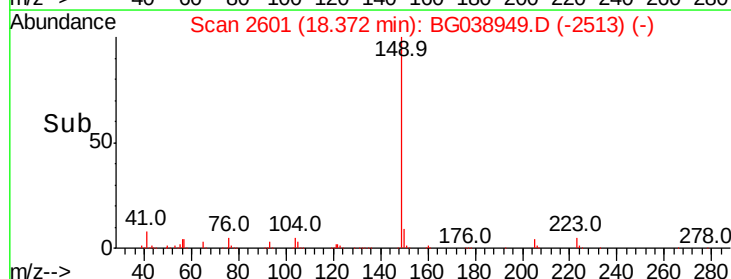
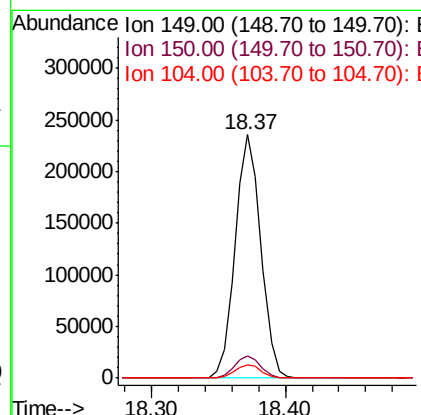
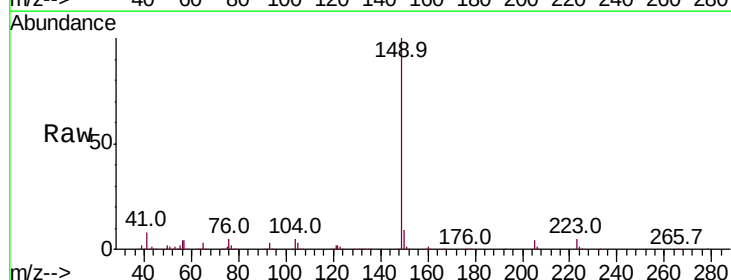
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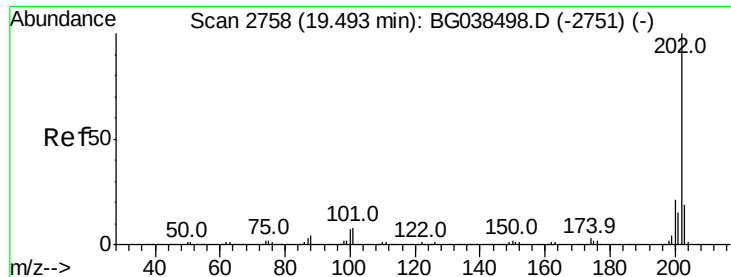
Sohil
 1/7/2019 12:48:25 PM



#74
 Di-n-butylphthalate
 Concen: 30.601 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.6	11.4	
104	5.4	5.0	7.4	





#75

Fluoranthene

Concen: 33.121 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

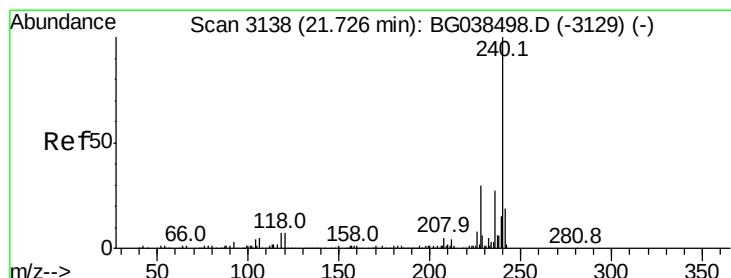
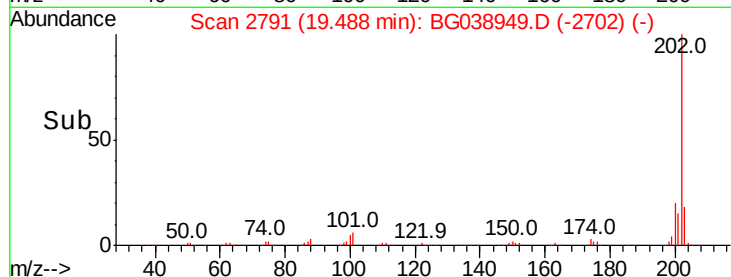
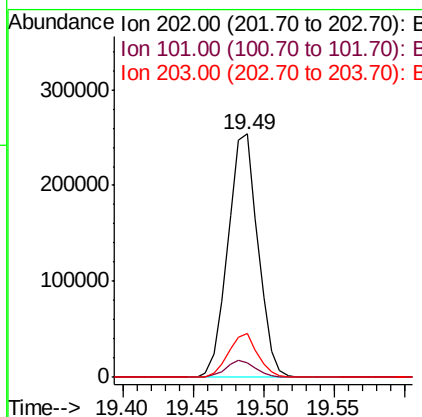
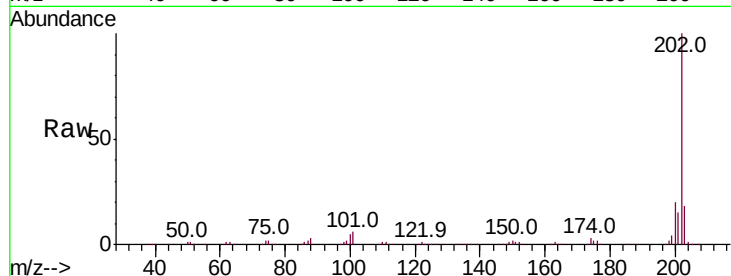
ClientSampleId :

PB116155BS

Tot Ion:	202	Resp:	377039
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	28.1
203	18.3	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

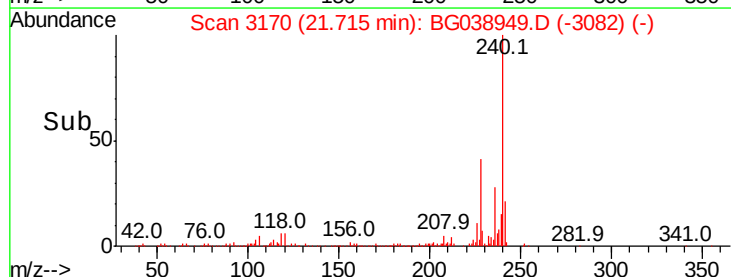
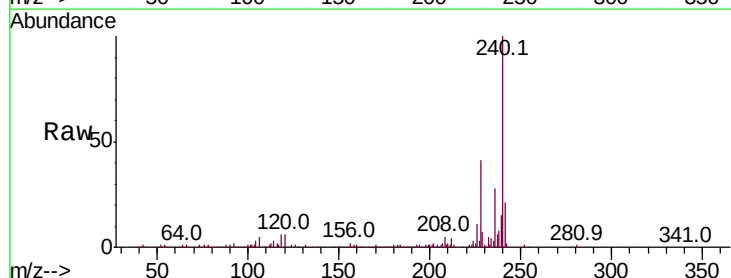
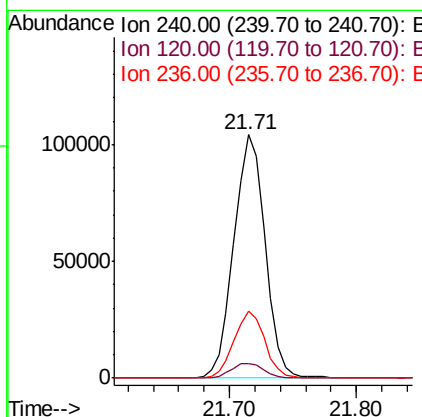
RT: 21.71 min Scan# 3170

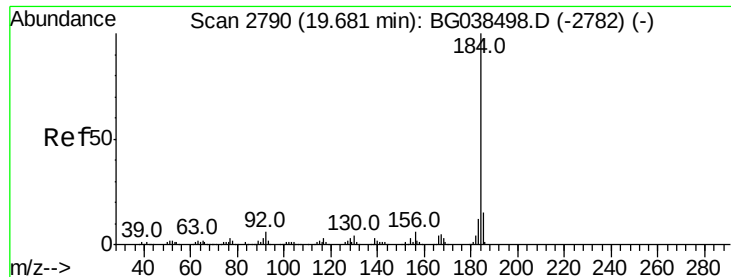
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	240	Resp:	177665
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.3	7.9
236	27.7	21.4	32.2





#77

Benzidine

Concen: 19.173 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

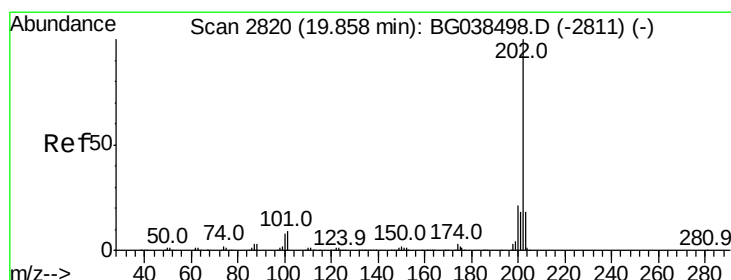
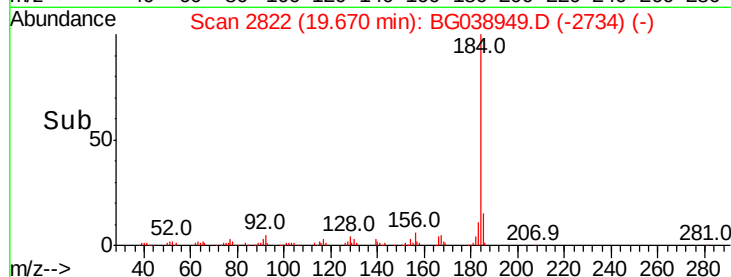
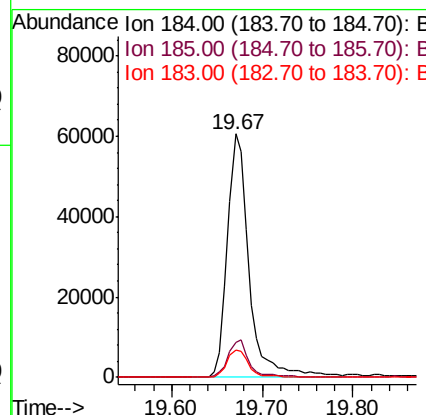
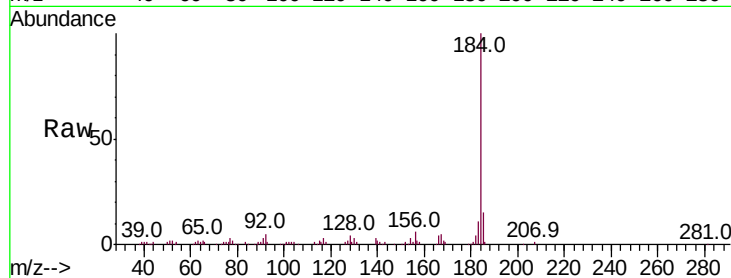
ClientSampleId :

PB116155BS

Tot Ion:	184	Resp:	100742
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	11.2	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 32.514 ng

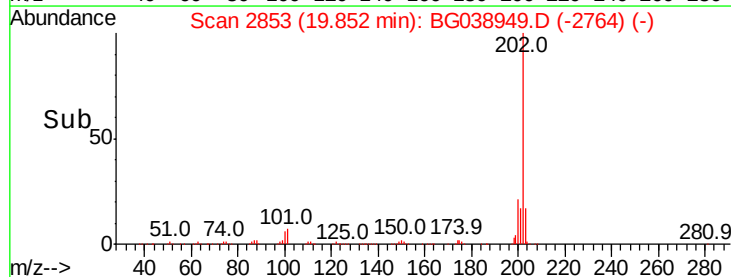
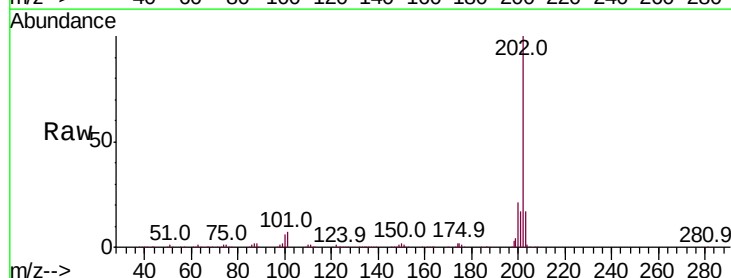
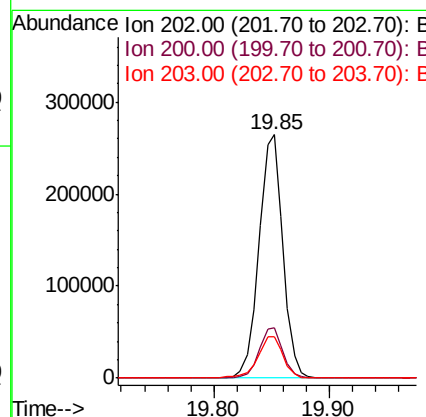
RT: 19.85 min Scan# 2853

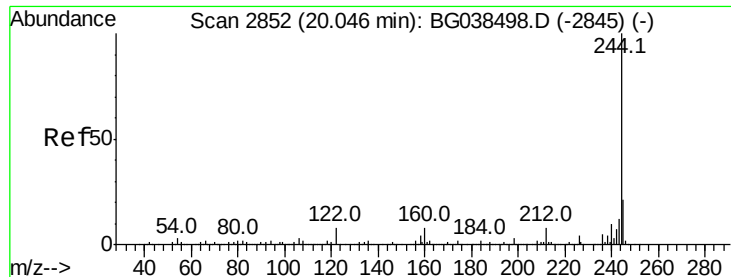
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	202	Resp:	381619
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	25.0
203	16.7	14.6	21.8





#79

Terphenyl-d14

Concen: 71.051 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

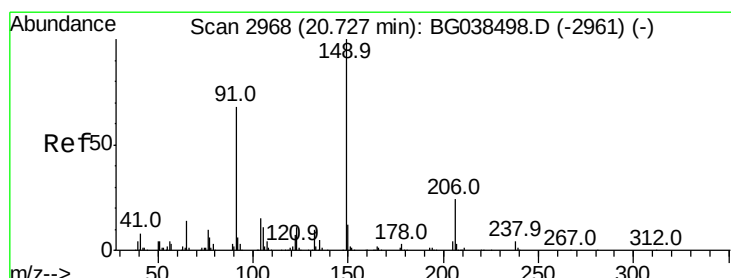
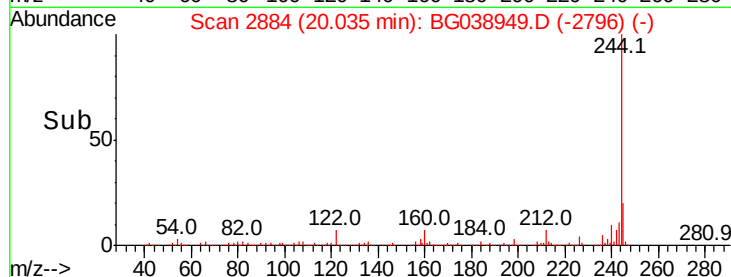
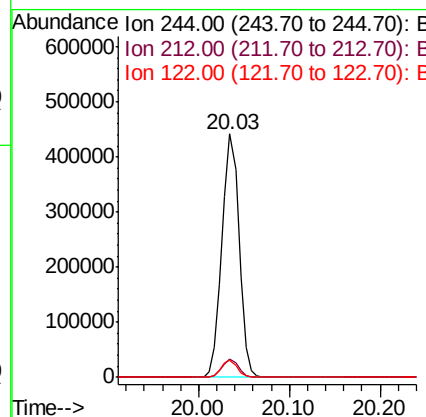
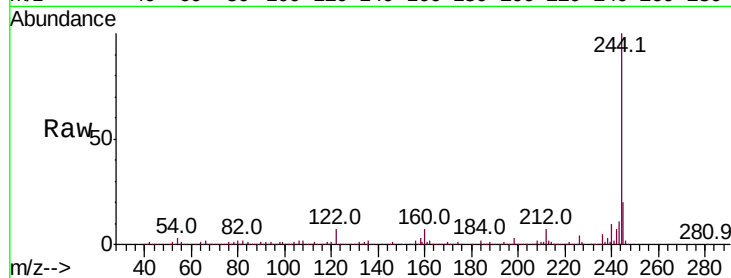
ClientSampleId :

PB116155BS

Tot Ion:	244	Resp:	580023
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	7.0	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 30.999 ng

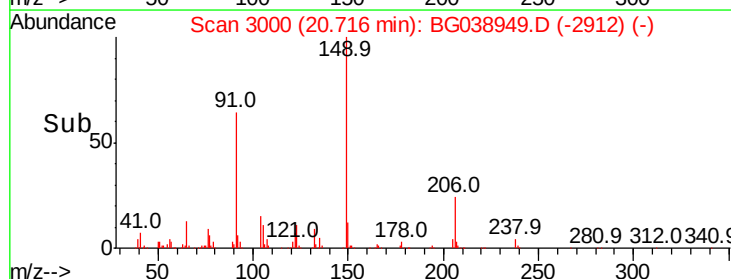
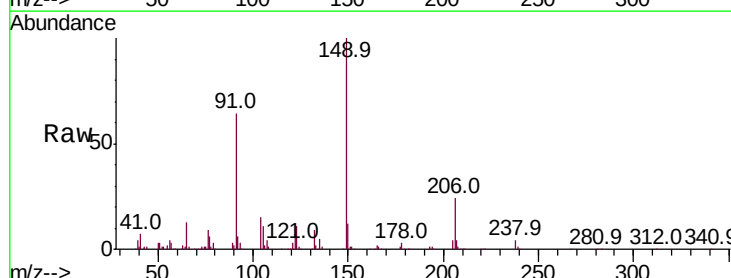
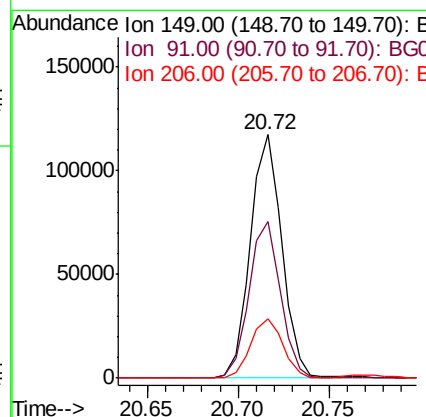
RT: 20.72 min Scan# 3000

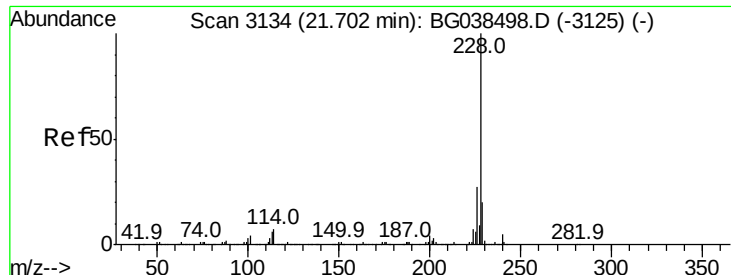
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	149	Resp:	142146
Ion Ratio	Lower	Upper	
149	100		
91	64.5	54.5	81.7
206	24.3	19.0	28.6





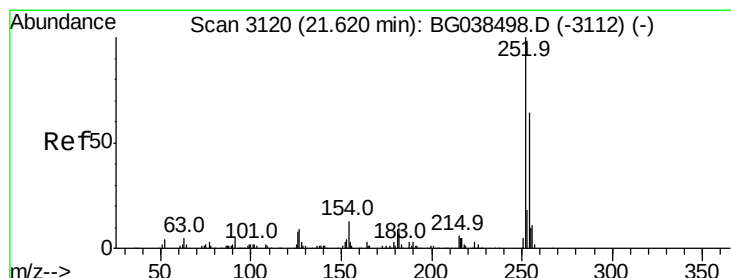
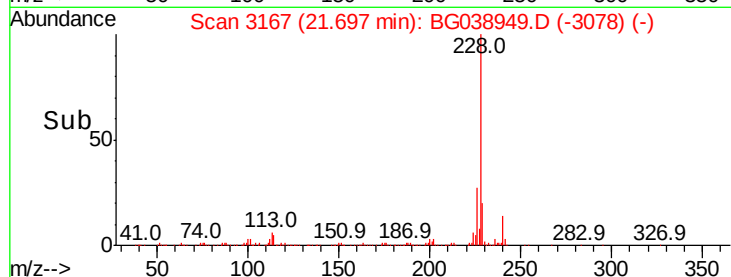
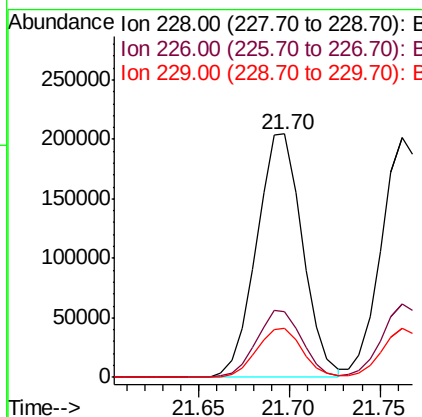
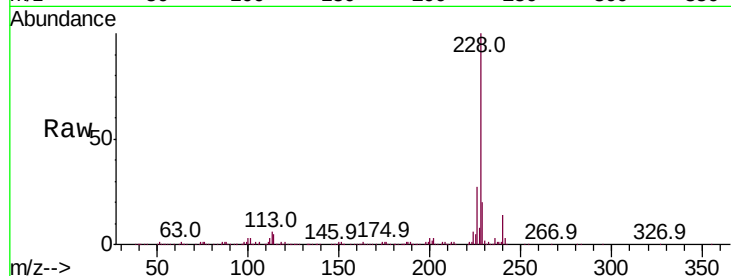
#81
Benzo(a)anthracene
Concen: 33.317 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampled :
PB116155BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.0	15.8	23.6

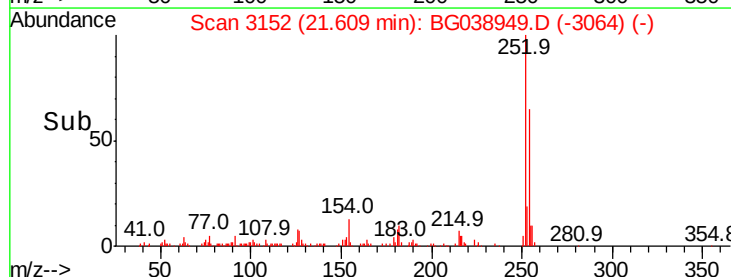
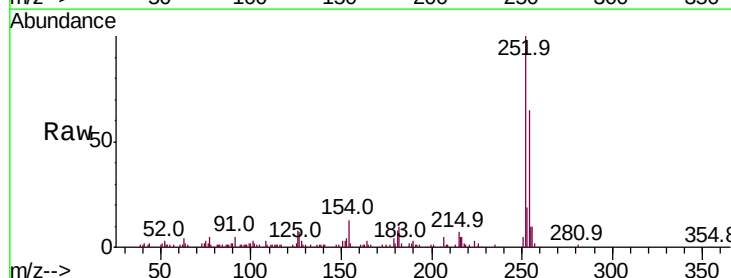
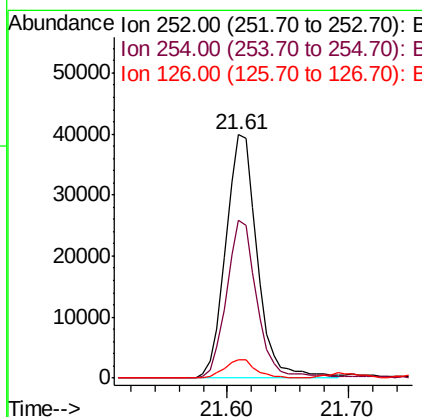
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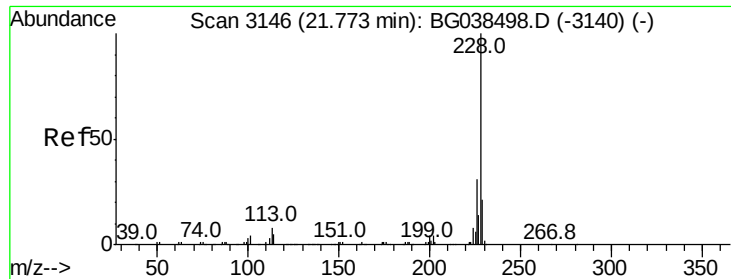
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#82
3,3'-Dichlorobenzidine
Concen: 16.817 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.9	76.3
126	7.5	6.3	9.5





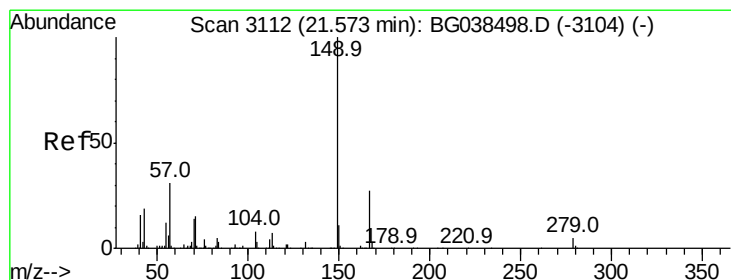
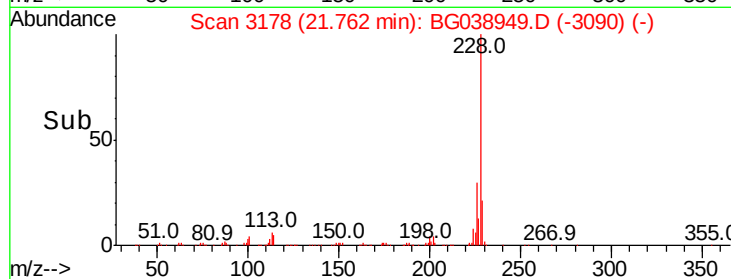
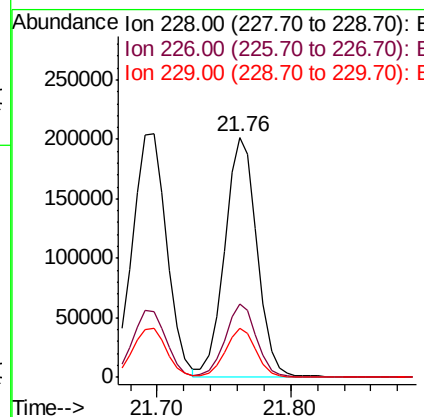
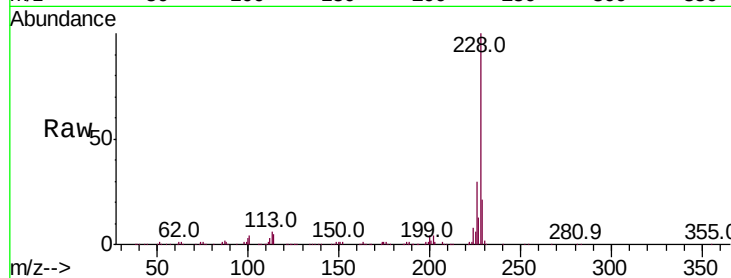
#83
 Chrysene
 Concen: 32.546 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB116155BS

Tot Ion:	228	Resp:	339377
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.4
229	20.5	16.5	24.7

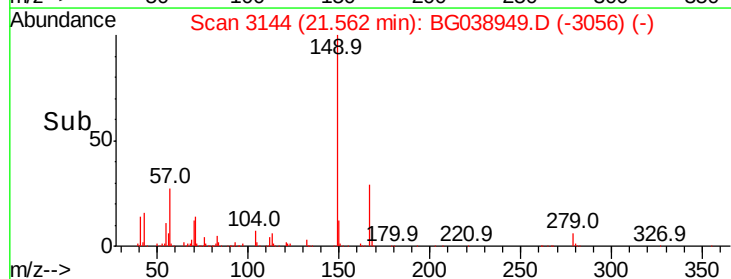
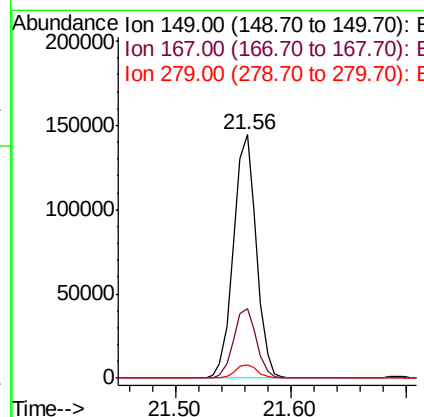
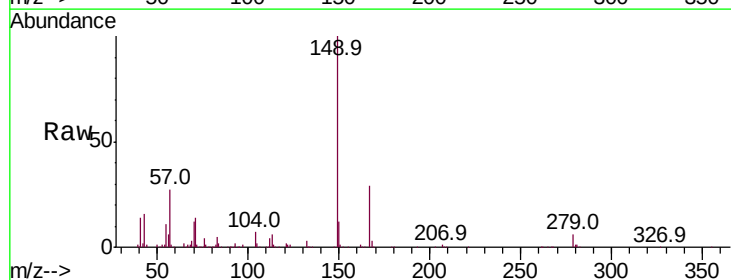
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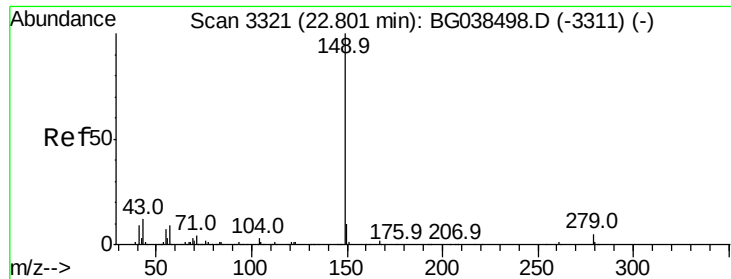
Sohil
 1/7/2019 12:48:25 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.307 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038949.D
 Acq: 5 Jan 2019 4:57

Tgt Ion:	149	Resp:	197101
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 30.861 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

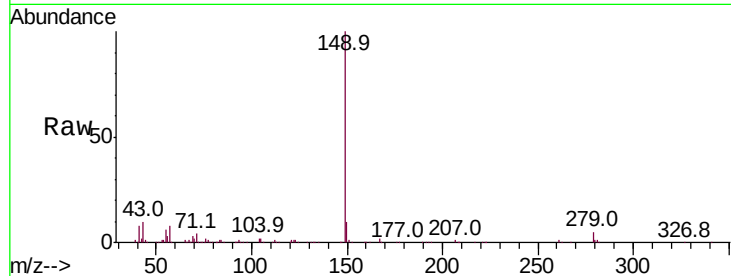
ClientSampleId :

PB116155BS

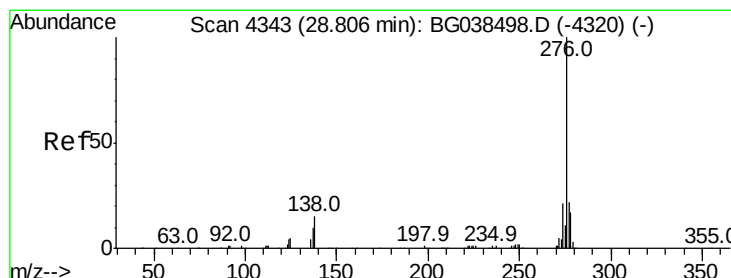
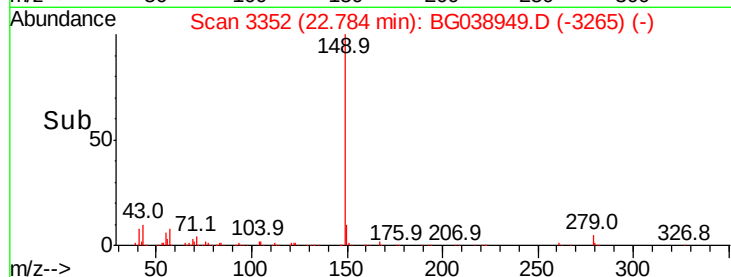
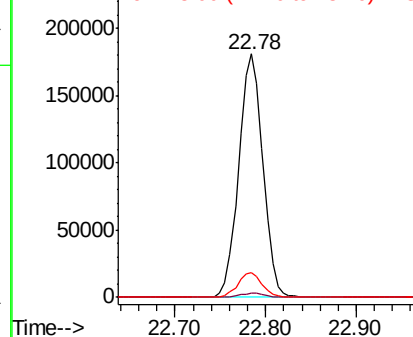
Tot Ion:	149	Resp:	336135
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.0	9.3	13.9

Manual Integrations
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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: 33.090 ng

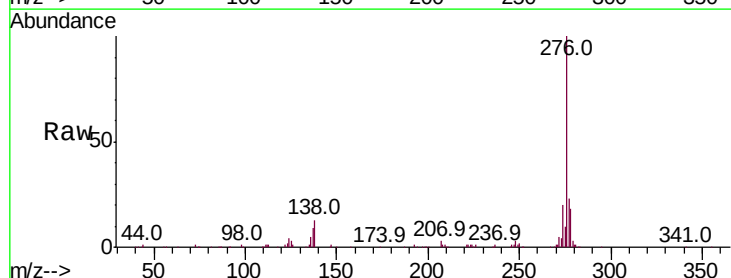
RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

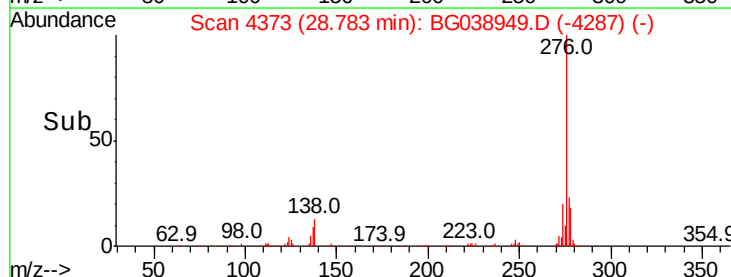
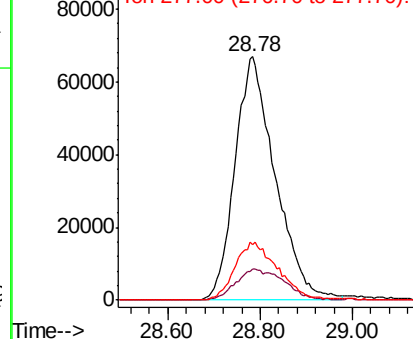
Lab File: BG038949.D

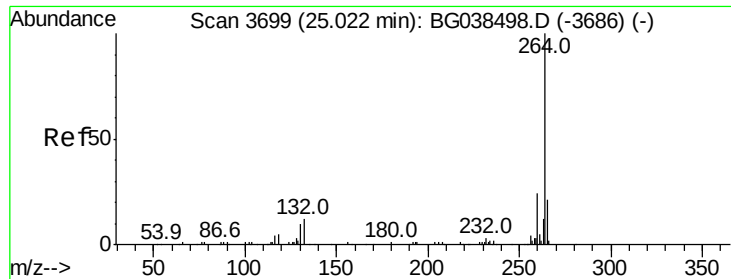
Acq: 5 Jan 2019 4:57

Tgt Ion:	276	Resp:	405660
Ion Ratio	Lower	Upper	
276	100		
138	15.2	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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Instrument :

BNA_G

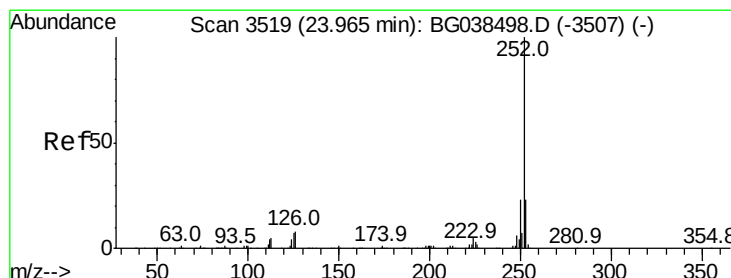
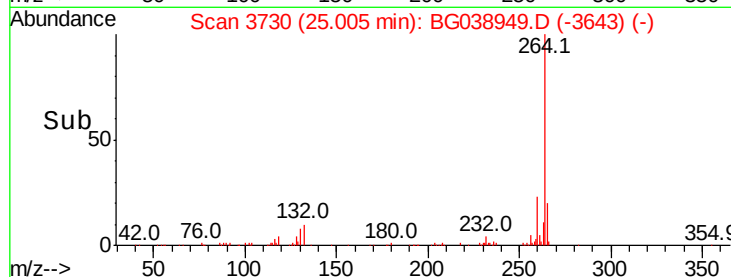
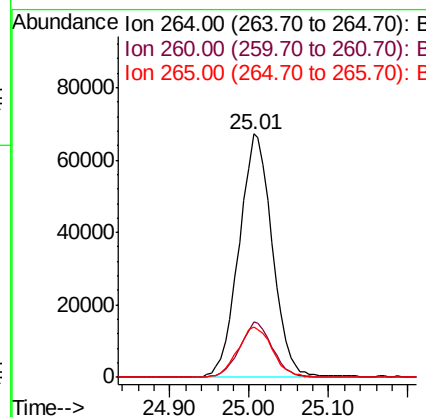
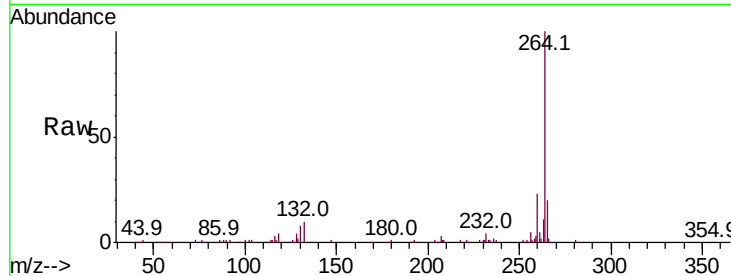
ClientSampleId :

PB116155BS

Tot Ion:	264	Resp:	195851
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.9	28.3
265	20.4	17.0	25.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 33.756 ng

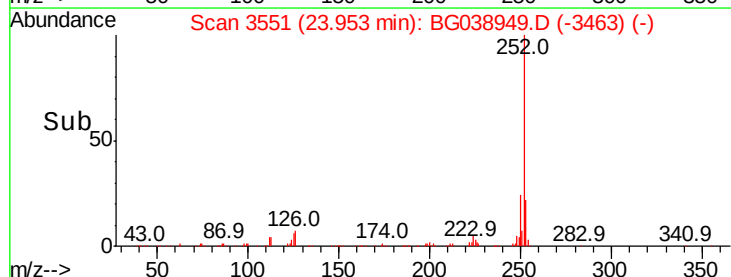
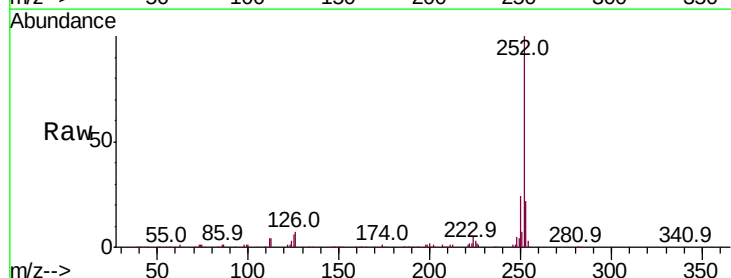
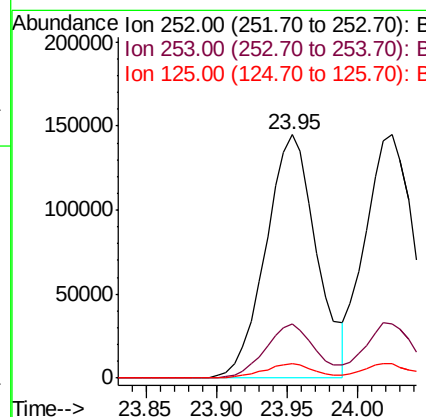
RT: 23.95 min Scan# 3551

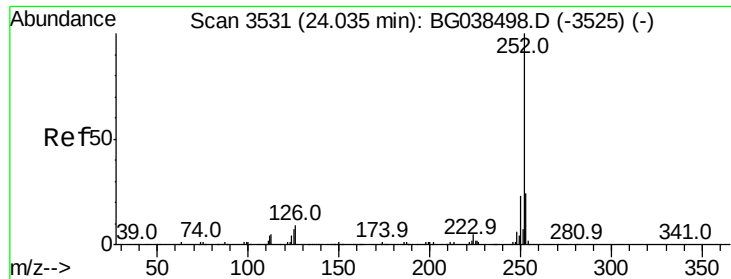
Delta R.T. -0.01 min

Lab File: BG038949.D

Acq: 5 Jan 2019 4:57

Tgt Ion:	252	Resp:	362974
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	6.1	5.5	8.3





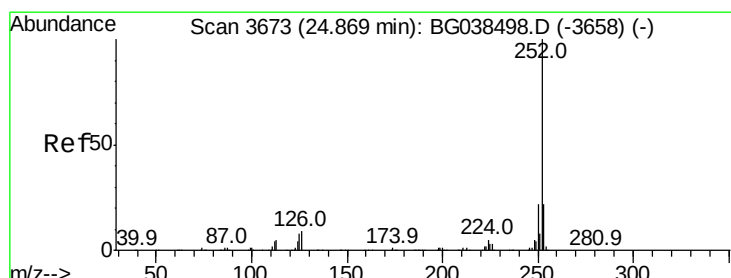
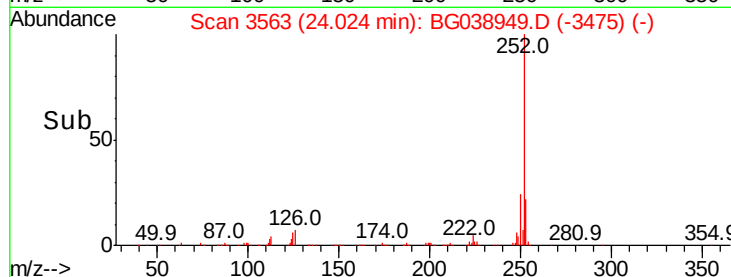
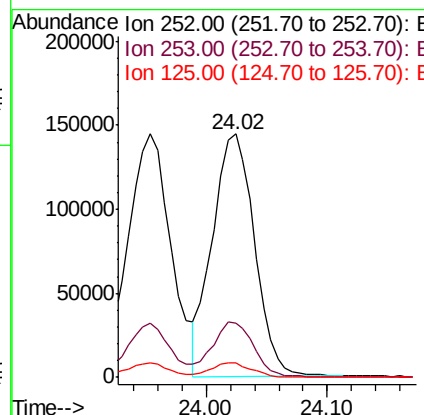
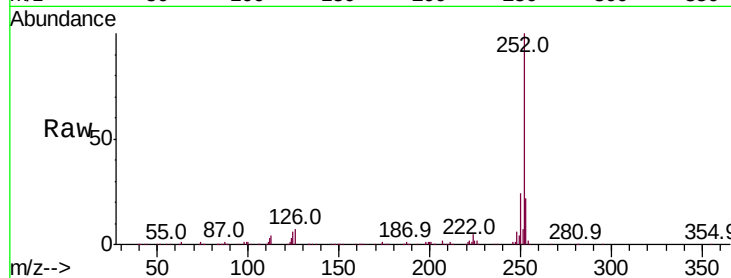
#89
Benzo(k)fluoranthene
Concen: 32.444 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	6.0	5.4	8.2

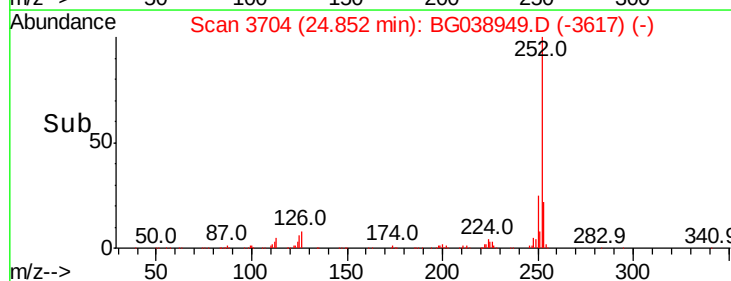
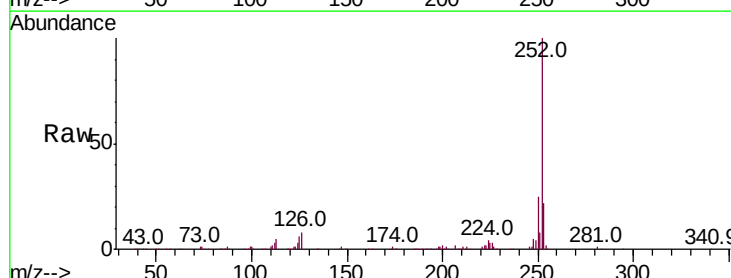
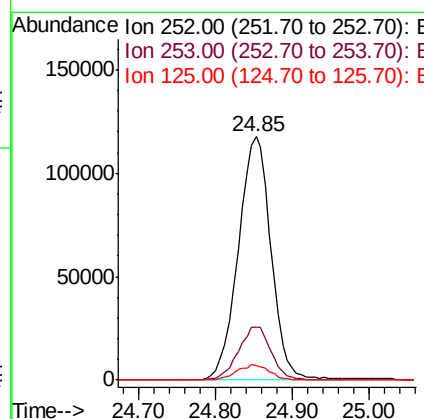
Manual Integrations
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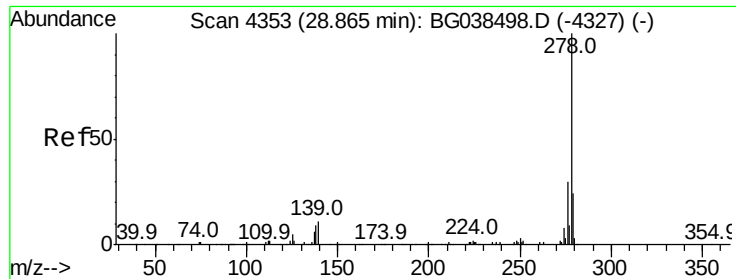
Sohil
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#90
Benzo(a)pyrene
Concen: 33.722 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	6.0	6.4	9.6





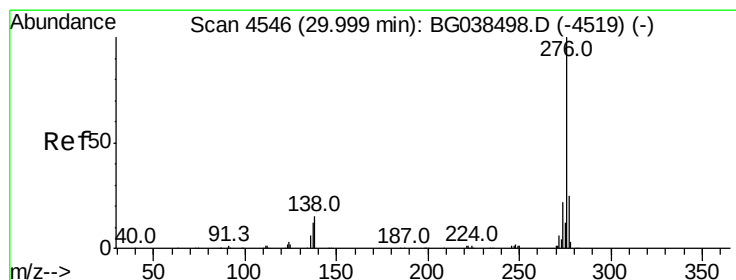
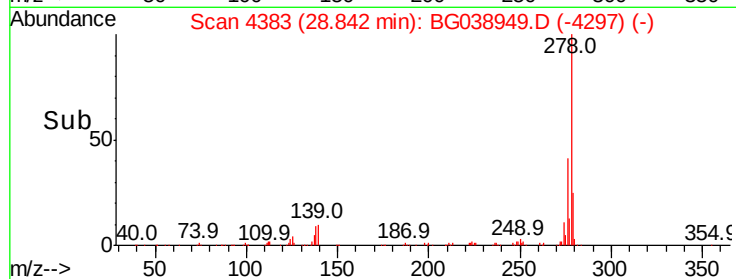
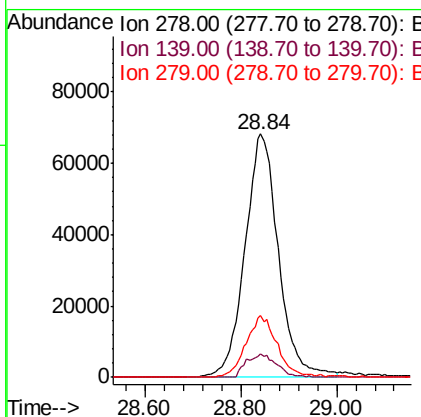
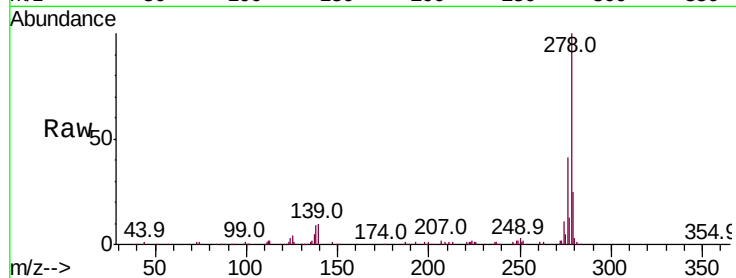
#91
Dibenzo(a,h)anthracene
Concen: 32.008 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Instrument :
BNA_G
ClientSampleId :
PB116155BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.6	12.8
279	25.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/7/2019 12:48:25 PM



#92
Benzo(g,h,i)perylene
Concen: 32.722 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BG038949.D
Acq: 5 Jan 2019 4:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	11.8	11.8	17.6

