

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038930.D
 Acq On : 4 Jan 2019 15:14
 Operator : JU/SJ
 Sample : PB116158BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Manual Integrations
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Quant Time: Jan 04 22:53:17 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	8.04	152	22438	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	96159	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	68294	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	181670	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185436	20.00	ng	0.00
87) Perylene-d12	25.01	264	182356	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	162905	128.77	ng	0.00
7) Phenol-d6	7.21	99	219830	126.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	113039	60.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	131938	140.18	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	314160	63.11	ng	-0.02
79) Terphenyl-d14	20.04	244	678194	79.59	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.47	88	27311	46.386	ng	96
3) Pyridine	3.88	79	48415	29.866	ng	97
4) n-Nitrosodimethylamine	3.80	42	31088	39.140	ng	# 88
6) Aniline	7.37	93	73094	32.970	ng	99
8) 2-Chlorophenol	7.61	128	69127	47.219	ng	97
9) Benzaldehyde	7.19	77	13133	11.657	ng	90
10) Phenol	7.24	94	86276	46.760	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	54554	37.137	ng	90
12) 1,3-Dichlorobenzene	7.93	146	68826	39.761	ng	97
13) 1,4-Dichlorobenzene	8.08	146	72485	40.887	ng	96
14) 1,2-Dichlorobenzene	8.40	146	68389	40.919	ng	98
15) Benzyl Alcohol	8.29	79	61408	45.301	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	115568	34.344	ng	98
17) 2-Methylphenol	8.49	107	59346	48.008	ng	97
18) Hexachloroethane	9.13	117	24492	37.807	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	47406	38.865	ng	95
20) 3+4-Methylphenols	8.82	107	80894	47.384	ng	95
22) Acetophenone	8.88	105	99057	41.242	ng	# 92
24) Nitrobenzene	9.27	77	74544	39.148	ng	98
25) Isophorone	9.78	82	139097	41.130	ng	98
26) 2-Nitrophenol	9.98	139	40640	41.700	ng	92
27) 2,4-Dimethylphenol	10.02	122	68995	49.398	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	78608	41.188	ng	97
29) 2,4-Dichlorophenol	10.51	162	78276	50.376	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	80535	42.909	ng	94
31) Naphthalene	10.91	128	212748	44.904	ng	98
32) Benzoic acid	10.17	122	33713m	40.118	ng	
33) 4-Chloroaniline	11.03	127	63970	31.099	ng	97
34) Hexachlorobutadiene	11.17	225	52397	41.258	ng	96
35) Caprolactam	11.82	113	27487	42.745	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	82027	46.260	ng	90
37) 2-Methylnaphthalene	12.52	142	163127	48.262	ng	98
38) 1-Methylnaphthalene	12.73	142	155915	47.536	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	101383	39.714	ng	# 98

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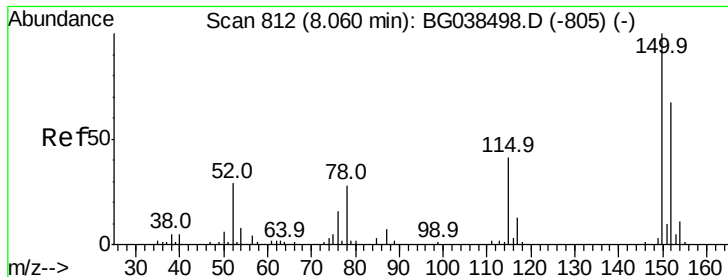
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 1/7/2019 12:48:08 PM

Quant Time: Jan 04 22:53:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	115075	82.050	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	73202	46.637	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	78349	47.145	ng	97
46) 1,1'-Biphenyl	13.51	154	219355	38.314	ng	97
47) 2-Chloronaphthalene	13.57	162	178863	40.444	ng	97
48) 2-Nitroaniline	13.78	65	57389	40.740	ng	94
49) Acenaphthylene	14.41	152	294134	44.489	ng	100
50) Dimethylphthalate	14.14	163	244064	43.762	ng	99
51) 2,6-Dinitrotoluene	14.27	165	55790	44.142	ng	# 87
52) Acenaphthene	14.75	154	168487	42.619	ng	99
53) 3-Nitroaniline	14.61	138	44132	34.254	ng	91
54) 2,4-Dinitrophenol	14.81	184	49823	67.144	ng	99
55) Dibenzofuran	15.08	168	295082	43.544	ng	96
56) 4-Nitrophenol	14.92	139	79951	81.801	ng	95
57) 2,4-Dinitrotoluene	15.05	165	79438	44.625	ng	95
58) Fluorene	15.73	166	240232	47.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	76670	51.278	ng	97
60) Diethylphthalate	15.49	149	251197	41.029	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	135635	43.298	ng	99
62) 4-Nitroaniline	15.77	138	57754	43.542	ng	98
63) Azobenzene	16.01	77	204839	40.050	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	48409	37.354	ng	89
66) n-Nitrosodiphenylamine	15.94	169	221541	41.504	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	93745	42.252	ng	94
68) Hexachlorobenzene	16.73	284	100333	43.624	ng	97
69) Atrazine	16.88	200	90365	45.617	ng	99
70) Pentachlorophenol	17.08	266	101469	74.588	ng	94
71) Phenanthrene	17.48	178	423034	44.904	ng	98
72) Anthracene	17.57	178	428719	46.097	ng	98
73) Carbazole	17.84	167	375930	40.872	ng	99
74) Di-n-butylphthalate	18.37	149	434427	41.162	ng	98
75) Fluoranthene	19.48	202	519825	44.597	ng	97
77) Benzidine	19.67	184	204261	37.246	ng	99
78) Pyrene	19.85	202	518155	42.297	ng	99
80) Butylbenzylphthalate	20.72	149	193578	40.446	ng	95
81) Benzo(a)anthracene	21.69	228	501429	44.376	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	142370	31.769	ng	95
83) Chrysene	21.76	228	471787	43.348	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	276348	40.711	ng	97
85) Di-n-octyl phthalate	22.79	149	467581	41.131	ng	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	564640	44.128	ng	# 79
88) Benzo(b)fluoranthene	23.95	252	485416	48.483	ng	99
89) Benzo(k)fluoranthene	24.03	252	492155	49.364	ng	97
90) Benzo(a)pyrene	24.85	252	486091	50.325	ng	99
91) Dibenzo(a,h)anthracene	28.84	278	463971	48.243	ng	99
92) Benzo(g,h,i)perylene	29.98	276	470334	49.625	ng	97

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



#1

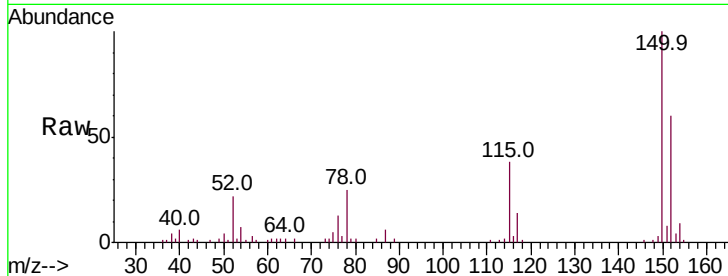
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :
PB116158BS

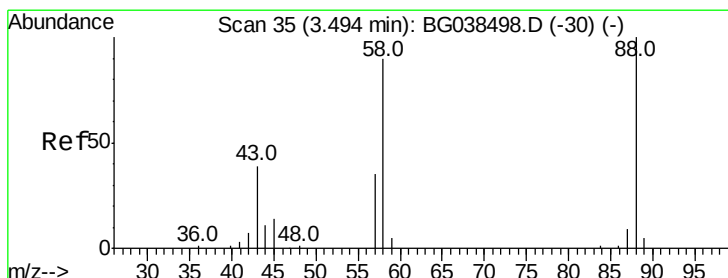
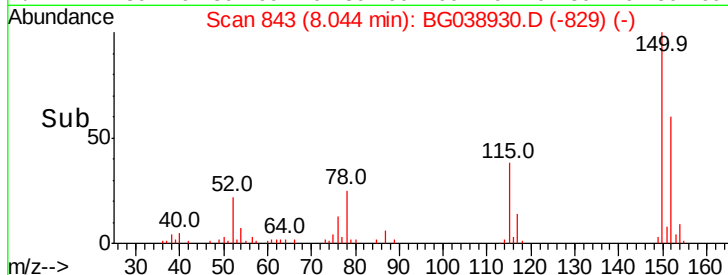
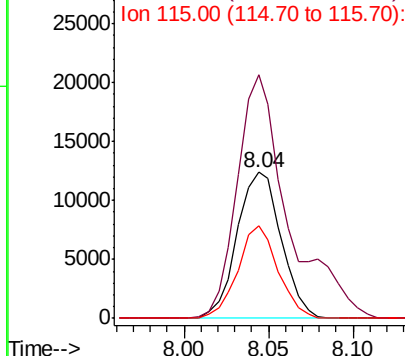
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	119.5	179.3
115	63.1	49.6	74.4

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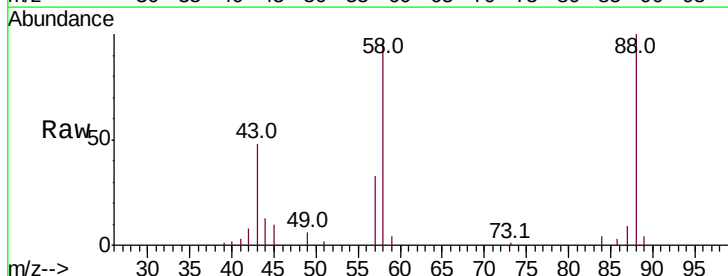
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



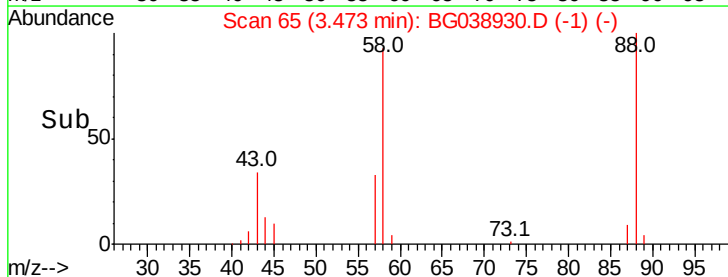
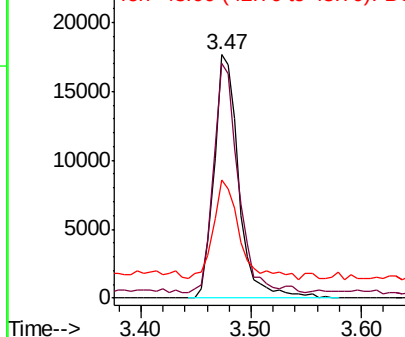
#2

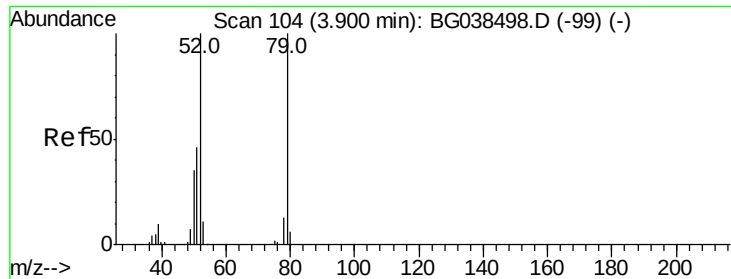
1,4-Dioxane
Concen: 46.386 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	75.7	113.5
43	45.0	31.6	47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





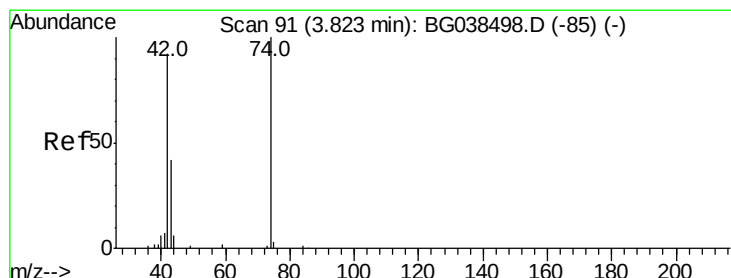
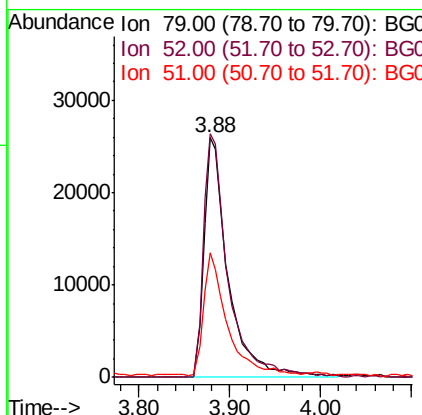
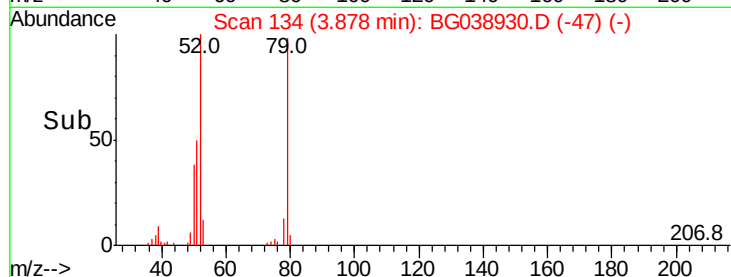
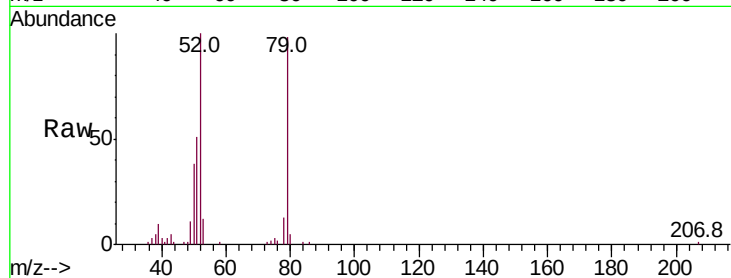
#3
 Pvridine
 Concen: 29.866 ng
 RT: 3.88 min Scan# 134
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.7	80.2	120.2
51	52.0	38.0	57.0

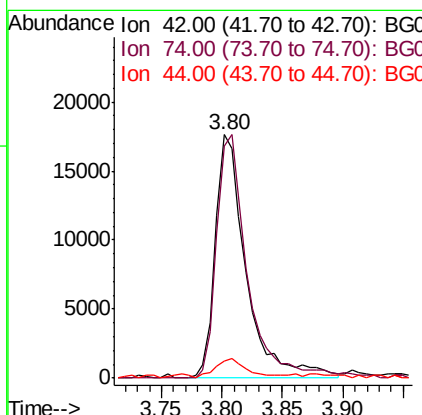
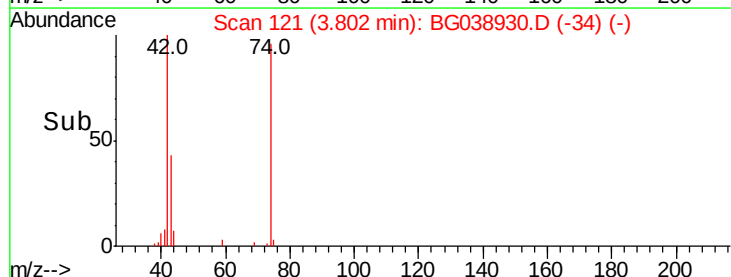
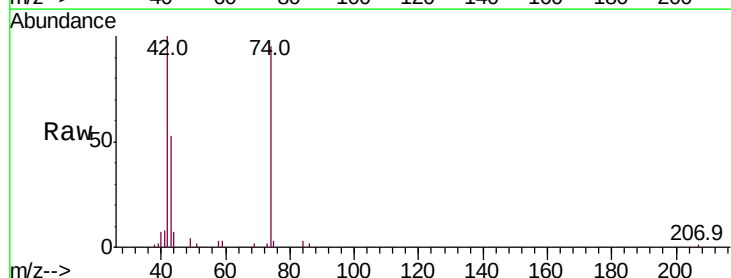
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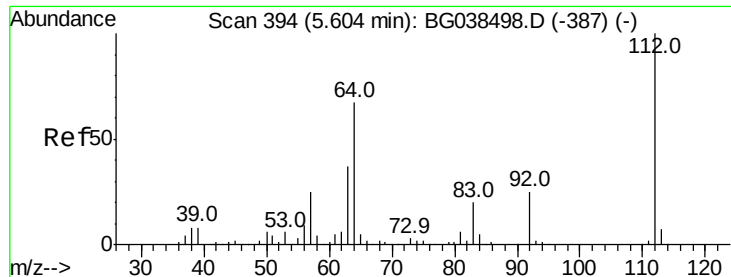
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#4
 n-Nitrosodimethylamine
 Concen: 39.140 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.5	86.7	130.1
44	6.8	7.8	11.8#





#5

2-Fluorophenol

Concen: 128.771 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

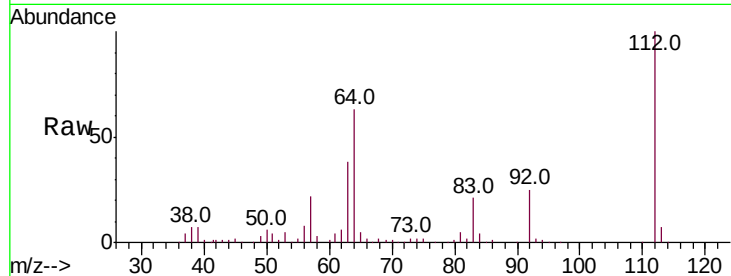
ClientSampleId :

PB116158BS

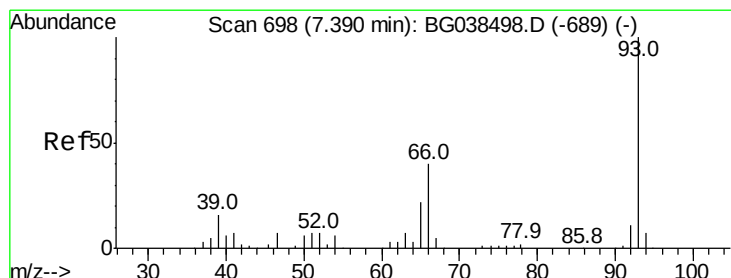
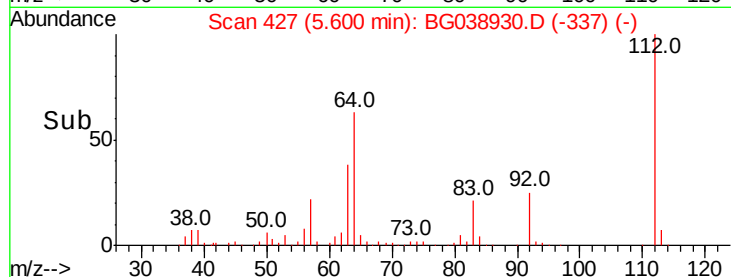
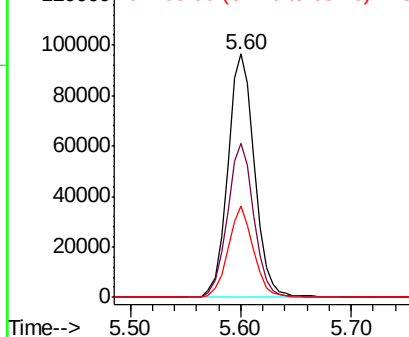
Tot Ion:	112	Resp:	162905
Ion Ratio	Lower	Upper	
112	100		
64	63.1	53.4	80.2
63	37.5	29.3	43.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.970 ng

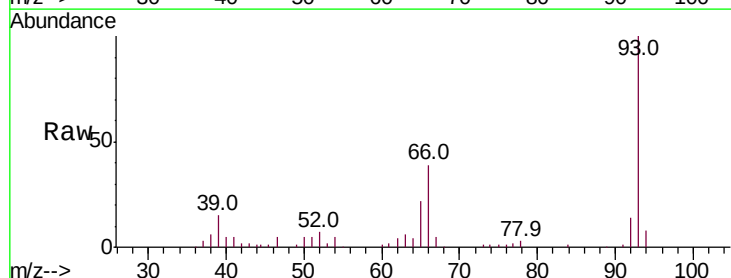
RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

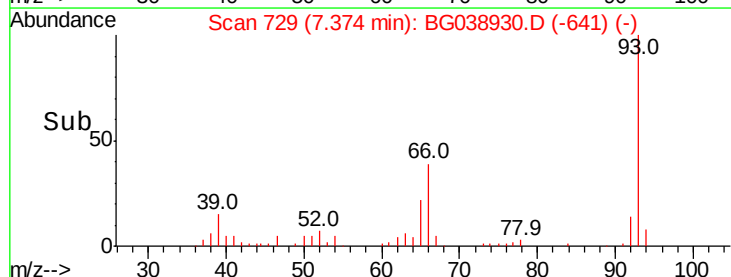
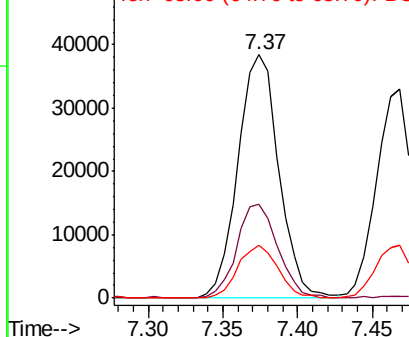
Lab File: BG038930.D

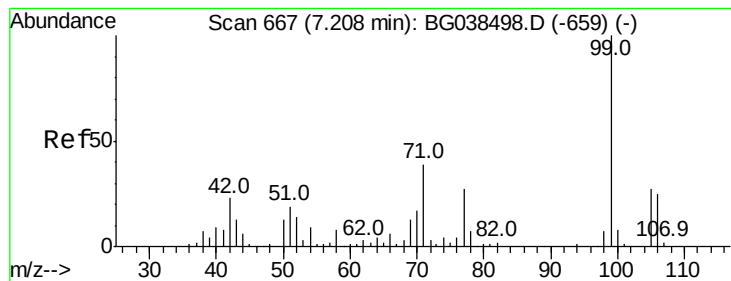
Acq: 4 Jan 2019 15:14

Tgt Ion:	93	Resp:	73094
Ion Ratio	Lower	Upper	
93	100		
66	38.8	31.7	47.5
65	22.0	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.579 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

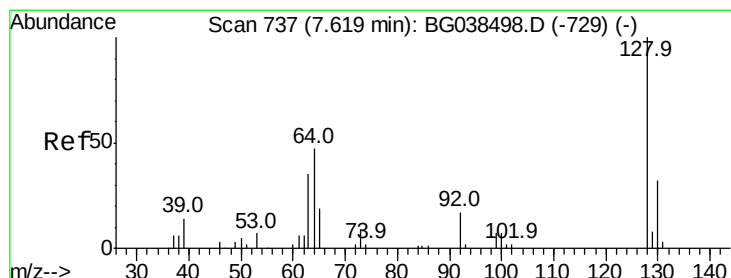
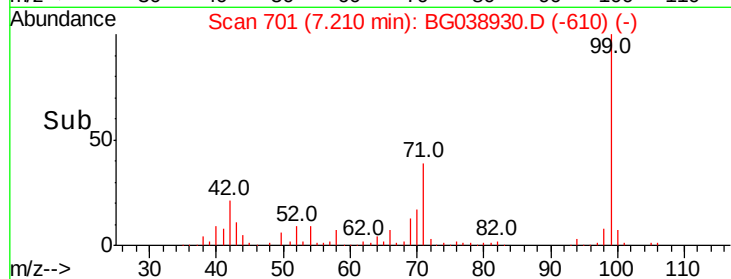
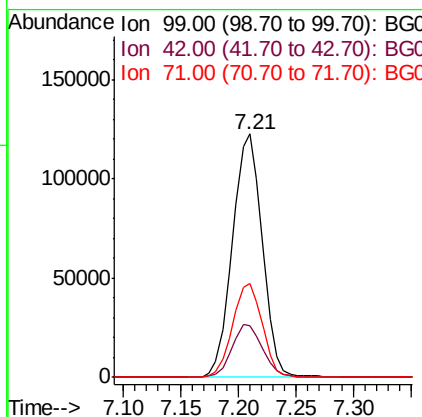
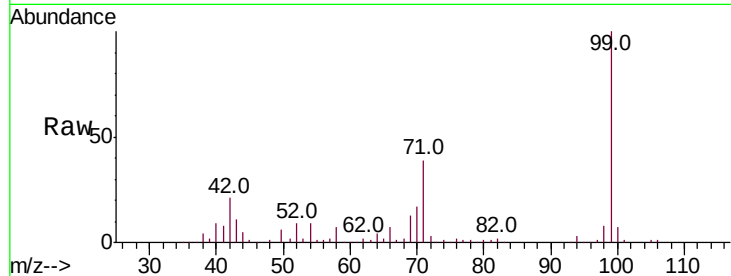
ClientSampleId :

PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	219830		
42	21.3	18.5	27.7	
71	38.7	31.1	46.7	

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#8

2-Chlorophenol

Concen: 47.219 ng

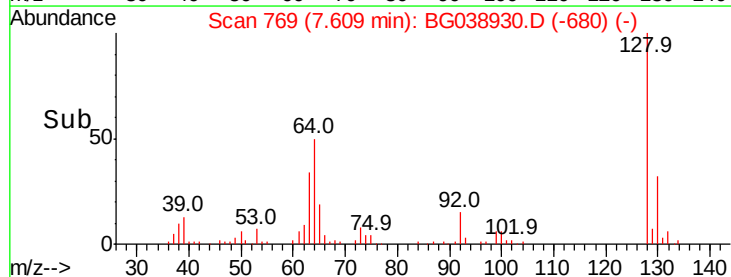
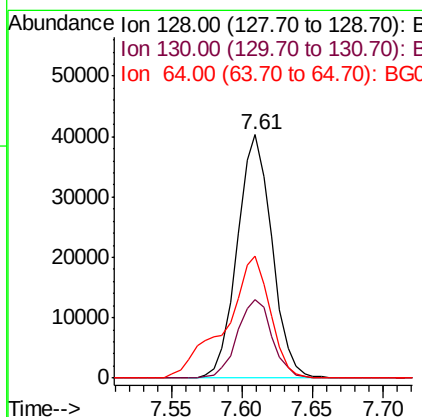
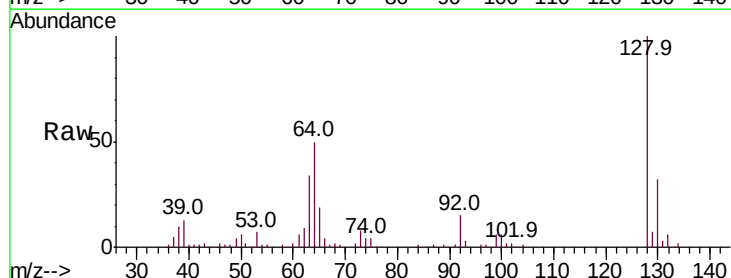
RT: 7.61 min Scan# 769

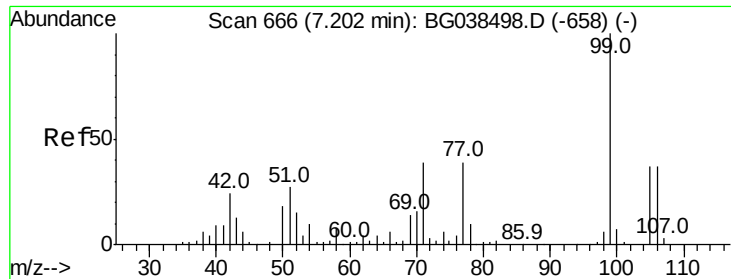
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	69127		
130	32.2	11.8	51.8	
64	50.2	33.2	73.2	





#9

Benzaldehyde

Concen: 11.657 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

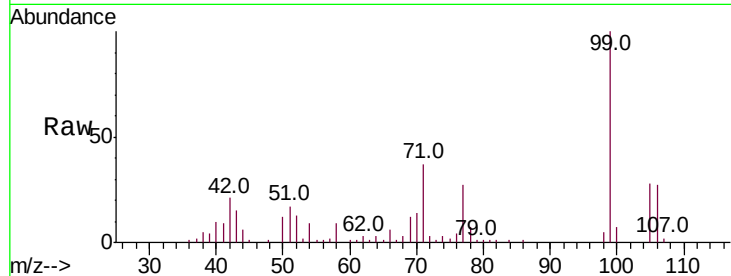
ClientSampleId :

PB116158BS

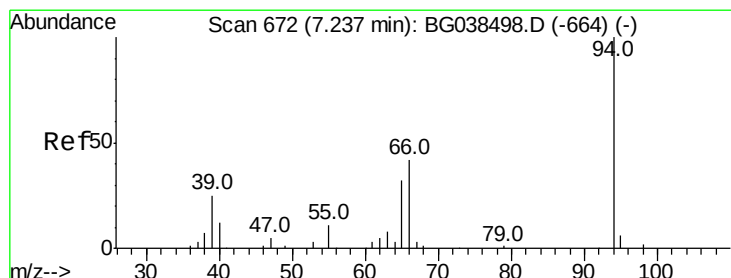
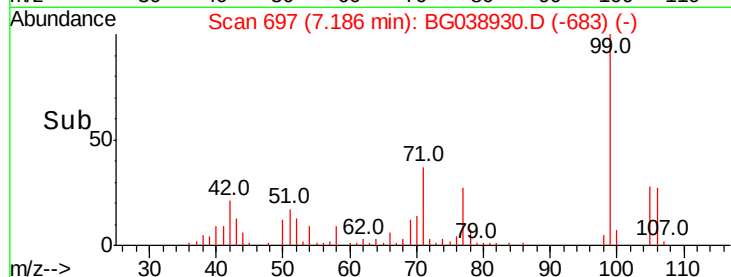
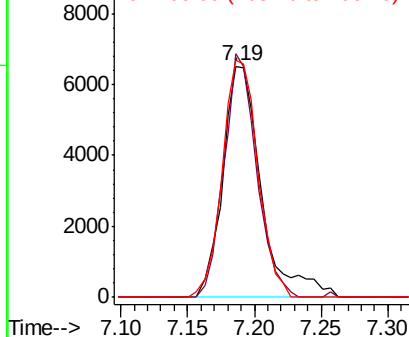
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.4	74.0	114.0
106	102.5	73.9	113.9

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: 46.760 ng

RT: 7.24 min Scan# 706

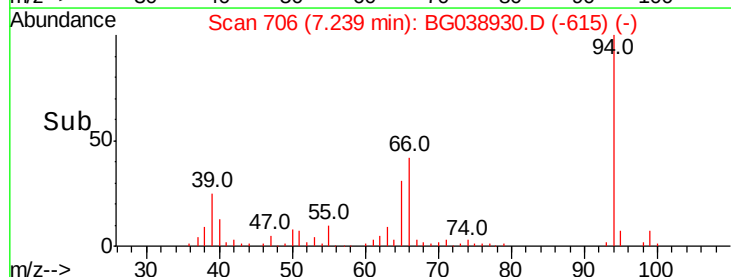
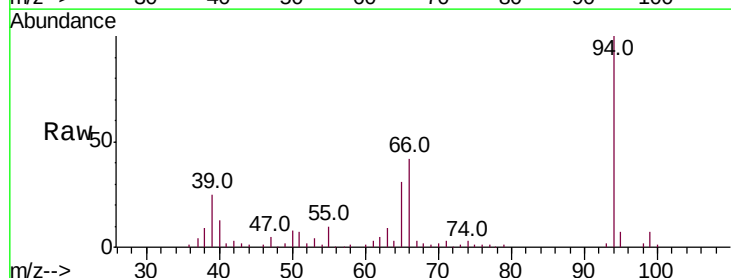
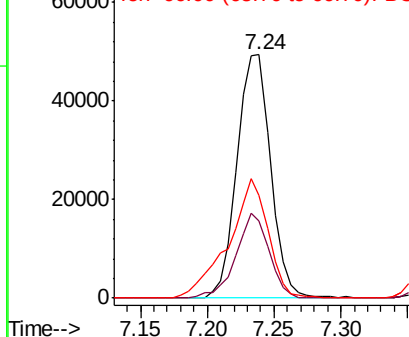
Delta R.T. 0.00 min

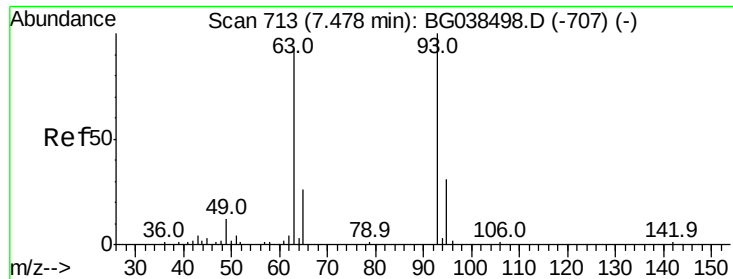
Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	12.6	52.6
66	42.3	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: 37.137 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

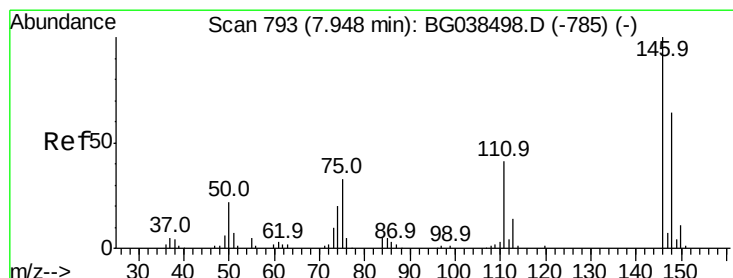
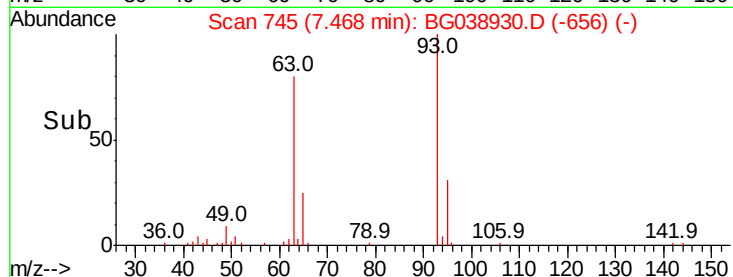
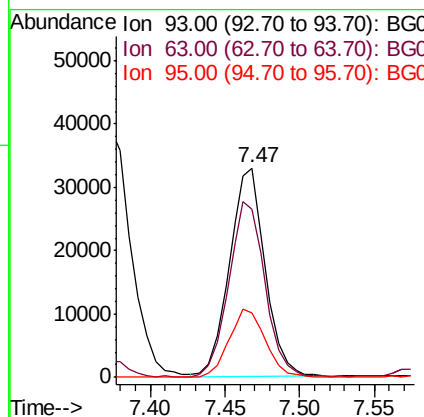
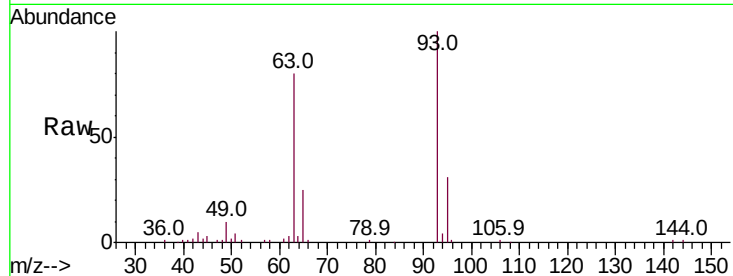
ClientSampleId :

PB116158BS

Tot Ion:	93	Resp:	54554
Ion	Ratio	Lower	Upper
93	100		
63	80.0	72.2	112.2
95	31.0	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.761 ng

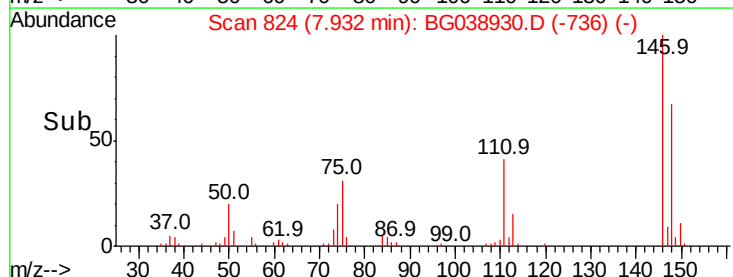
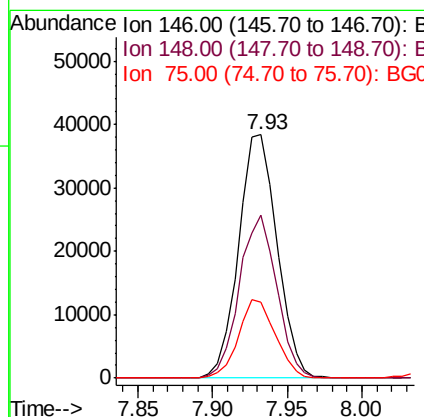
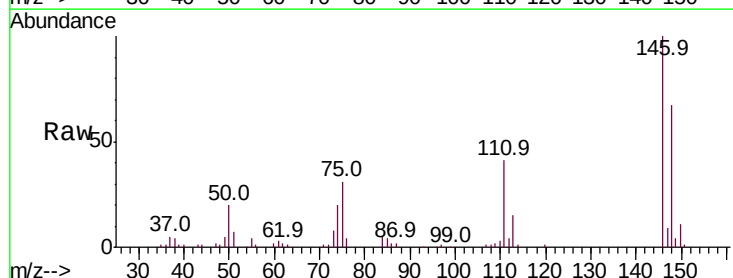
RT: 7.93 min Scan# 824

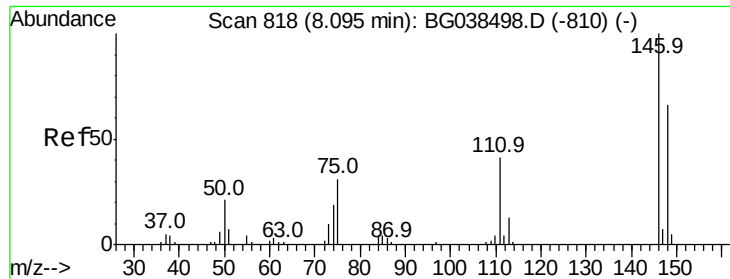
Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	146	Resp:	68826
Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.4	77.0
75	31.2	26.1	39.1





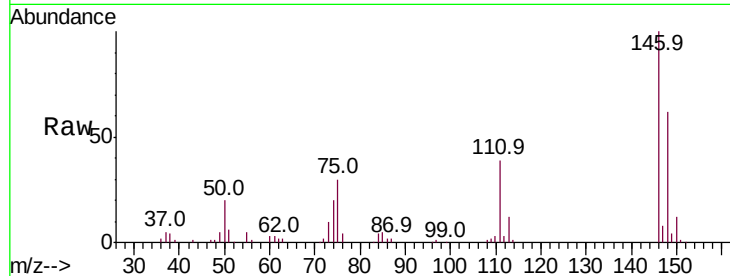
#13
 1,4-Dichlorobenzene
 Concen: 40.887 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.4	78.6
111	39.0	33.0	49.4

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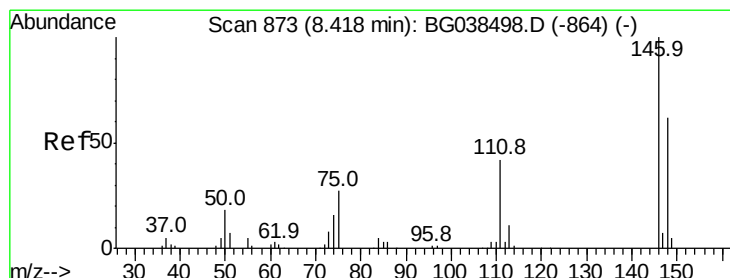
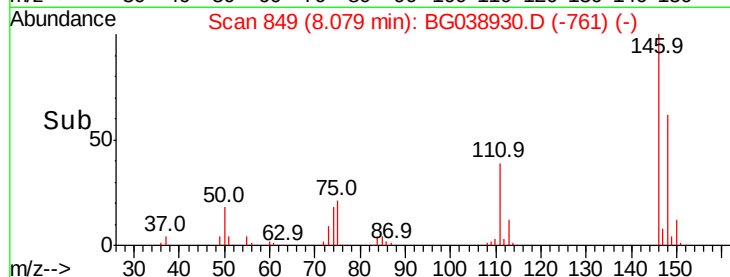
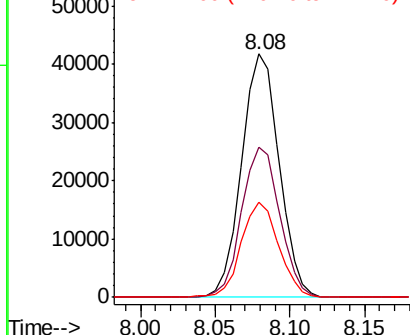


Abundance

Ion 146.00 (145.70 to 146.70): E

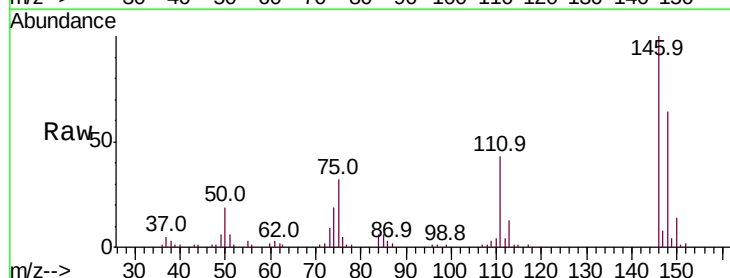
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.919 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.4	74.0
111	43.0	33.8	50.6

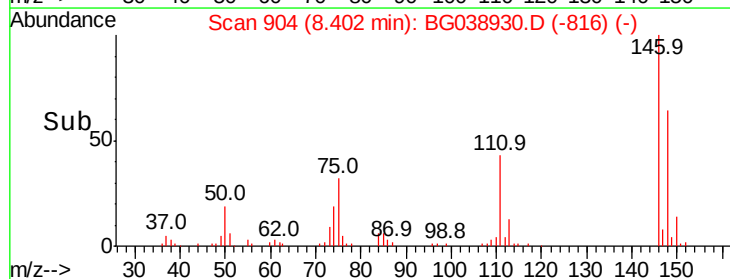
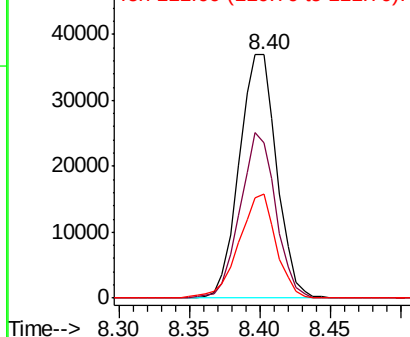


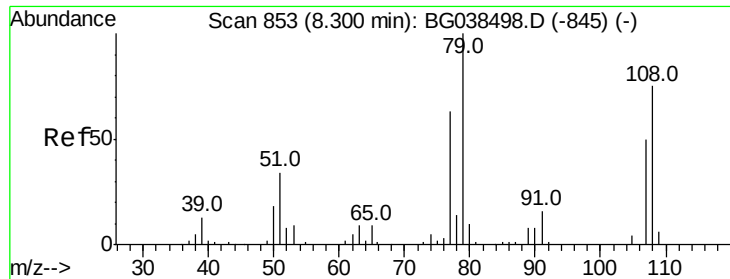
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





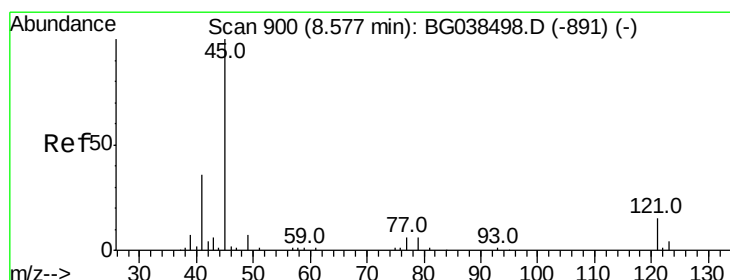
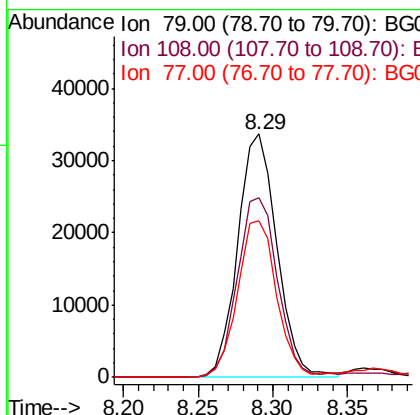
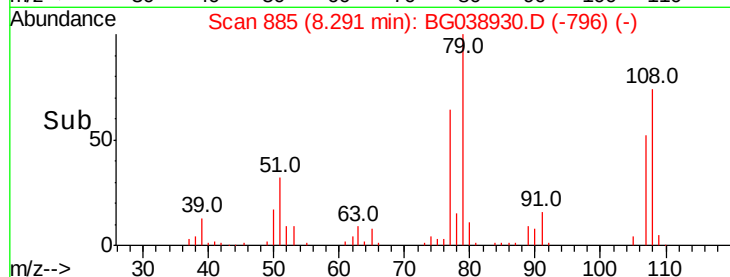
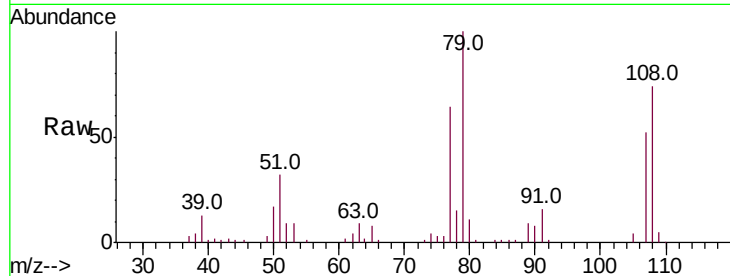
#15
Benzyl Alcohol
Concen: 45.301 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	60.2	90.4
77	64.3	50.7	76.1

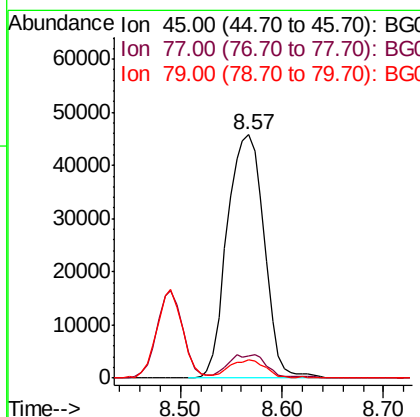
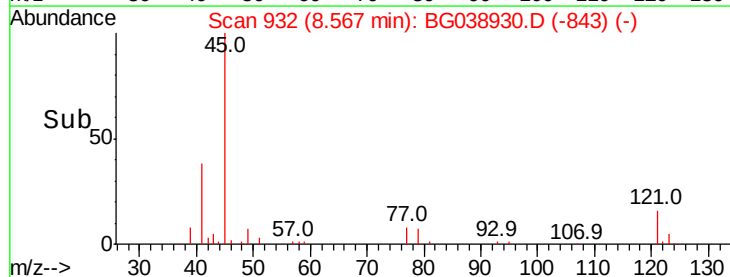
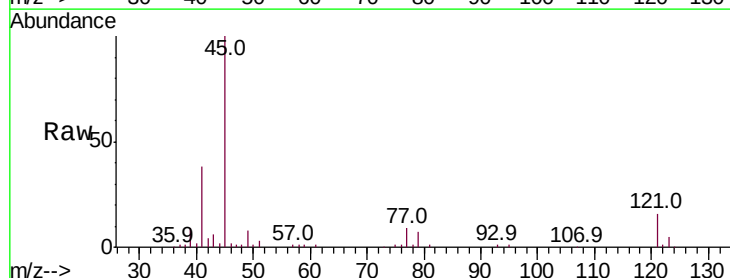
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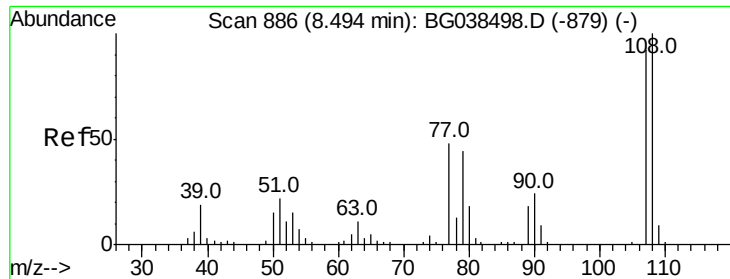
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.344 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	28.2
79	7.5	0.0	27.2





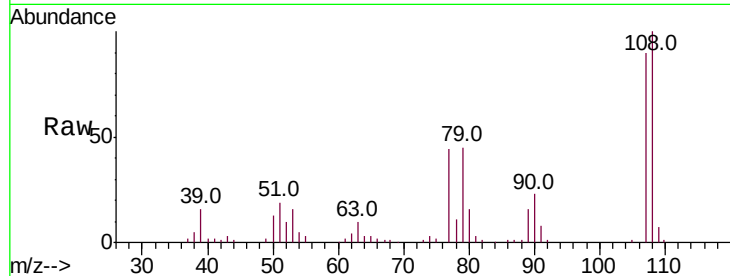
#17
2-Methylphenol
Concen: 48.008 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	107	Resp	59346
Ion Ratio	Lower	Upper	
107	100		
108	111.5	87.1	130.7
77	49.0	42.0	63.0
79	49.8	38.2	57.2

Manual Integrations
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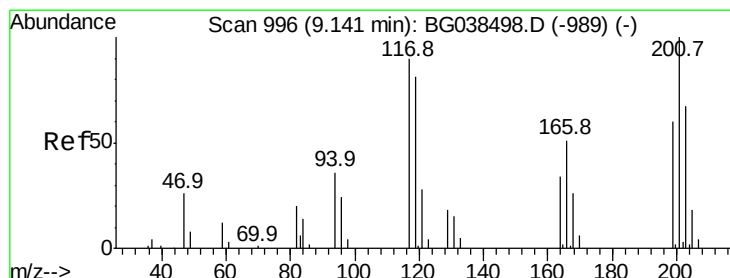
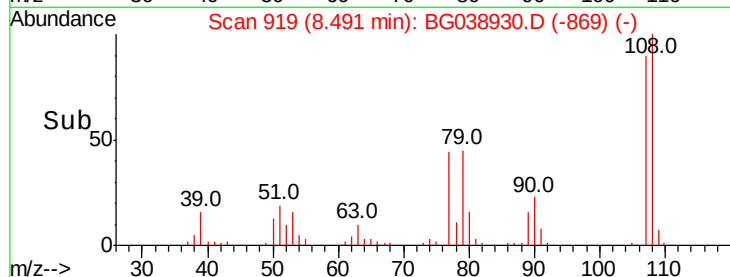
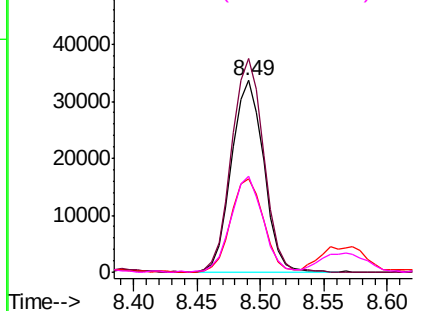
Abundance

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: 37.807 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

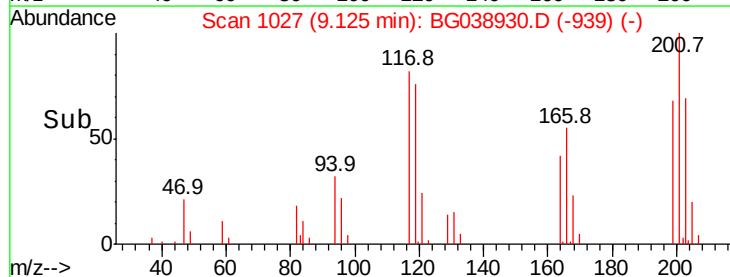
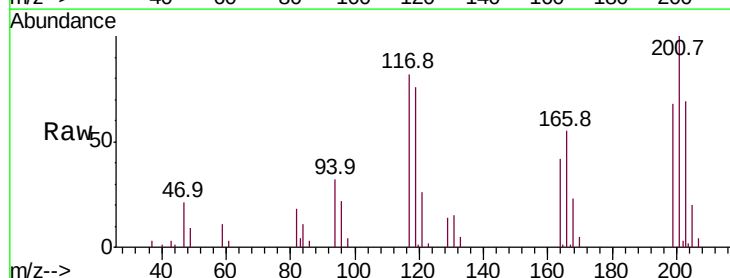
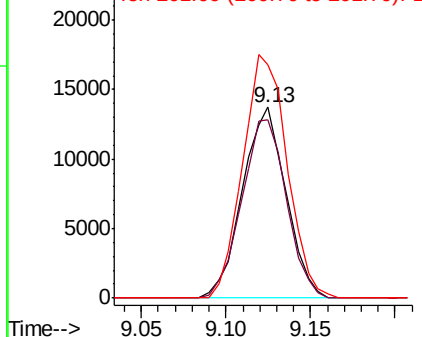
Tgt Ion	117	Resp	24492
Ion Ratio	Lower	Upper	
117	100		
119	93.3	73.8	110.8
201	122.4	89.4	134.0

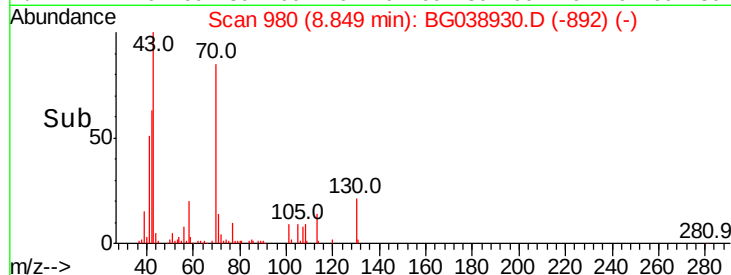
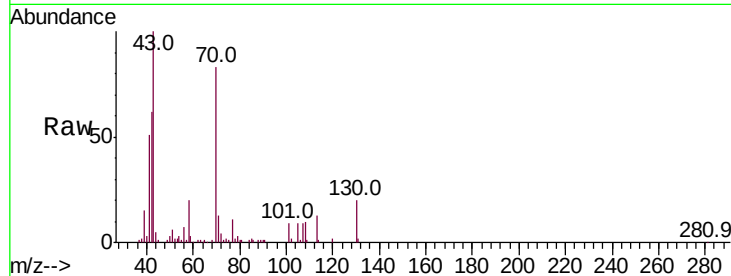
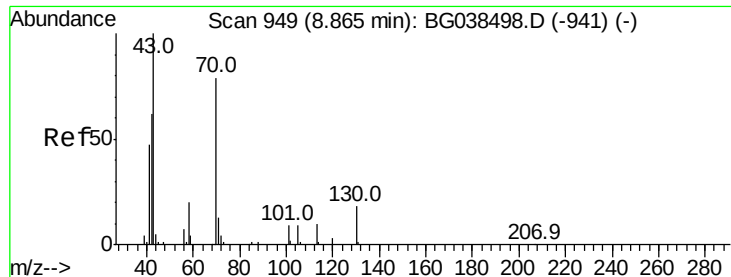
Abundance

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





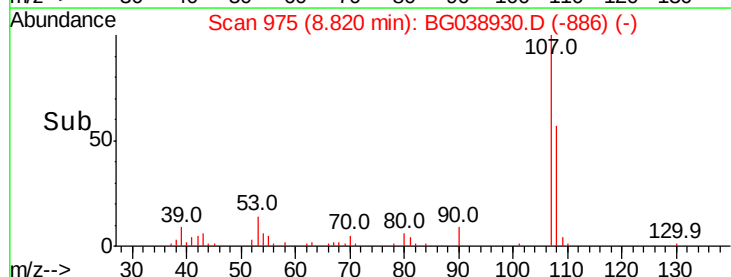
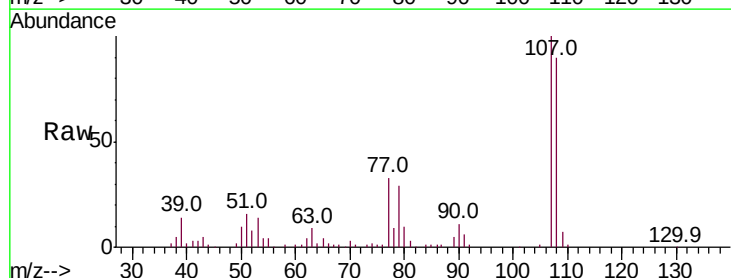
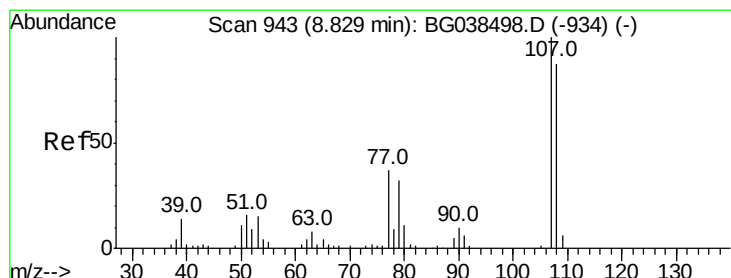
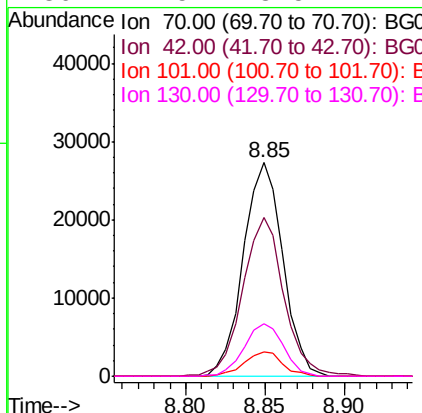
#19
n-Nitroso-di-n-propylamine
Concen: 38.865 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

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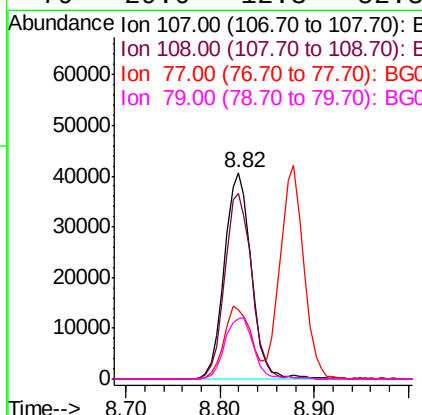
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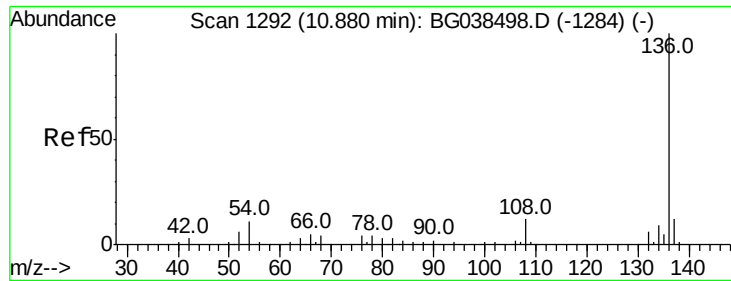
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.4	63.6	95.4	
101	11.1	9.2	13.8	
130	24.5	18.5	27.7	



#20
3+4-Methylphenols
Concen: 47.384 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	66.7	106.7	
77	33.2	17.3	57.3	
79	29.0	12.3	52.3	





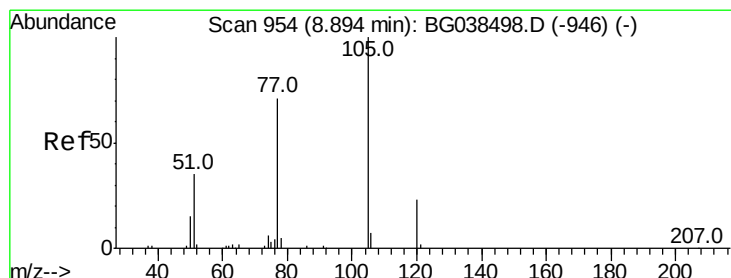
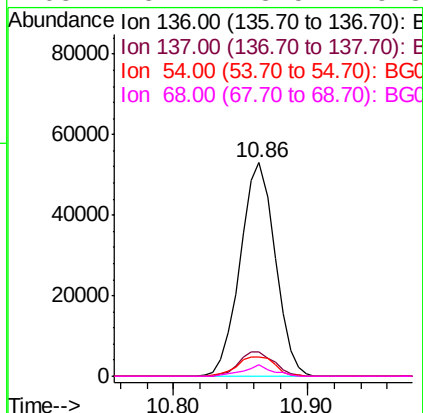
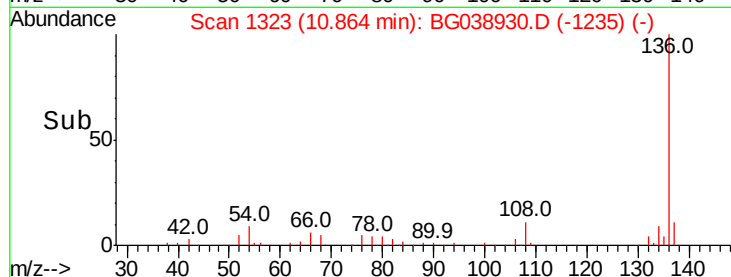
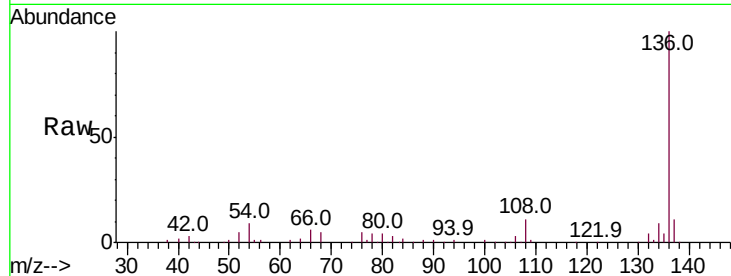
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.3	13.9	
54	8.8	8.5	12.7	
68	5.2	3.5	5.3	

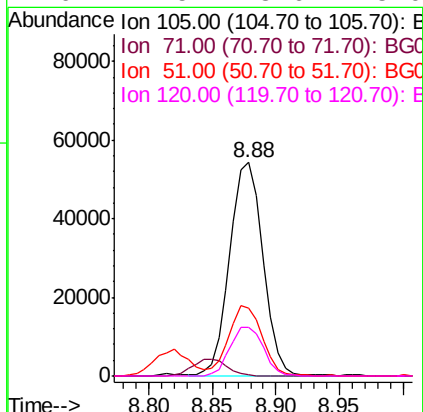
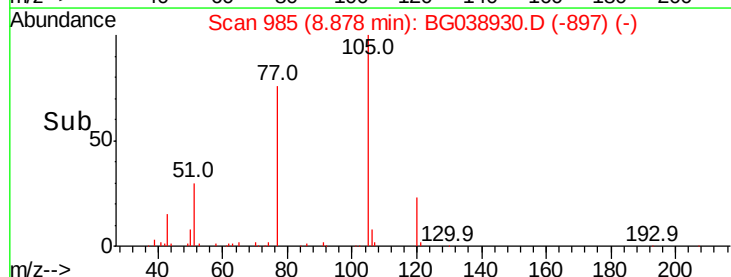
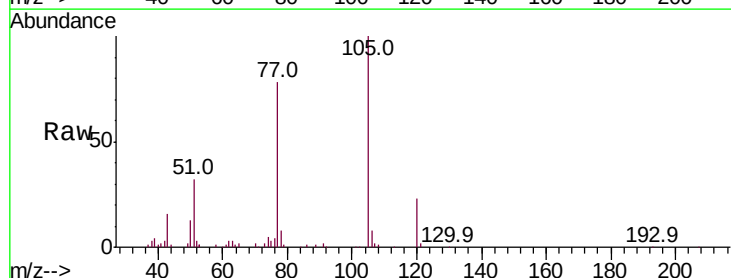
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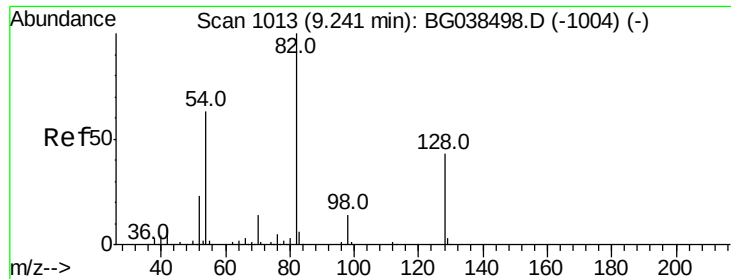
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#22
Acetophenone
Concen: 41.242 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.4	0.6#	
51	31.5	30.6	46.0	
120	22.5	18.6	28.0	





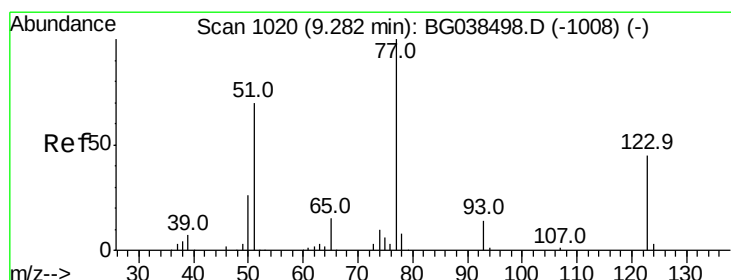
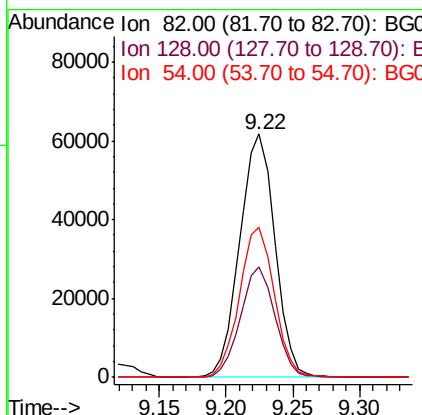
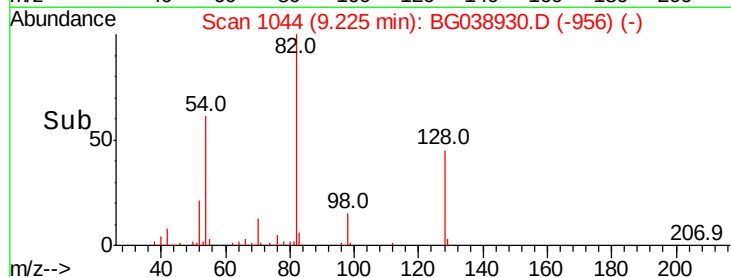
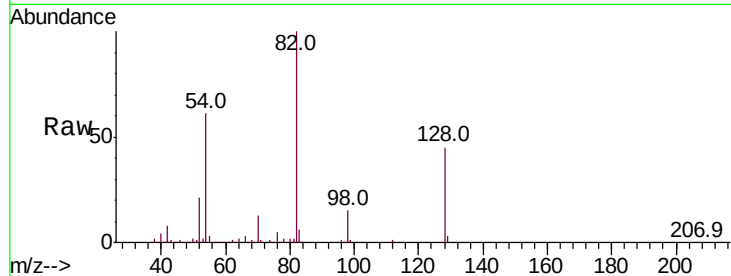
#23
Nitrobenzene-d5
Concen: 60.055 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	61.5	50.6	76.0

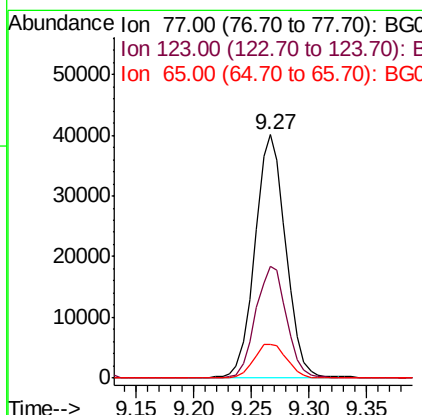
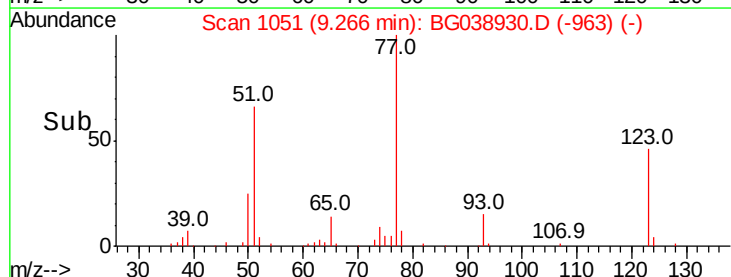
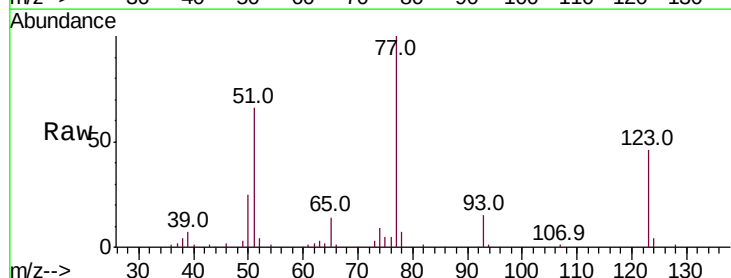
Manual Integrations
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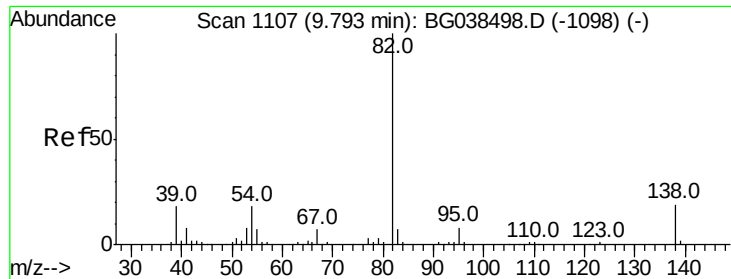
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#24
Nitrobenzene
Concen: 39.148 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.9	53.9
65	13.9	12.0	18.0





#25

Isophorone

Concen: 41.130 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

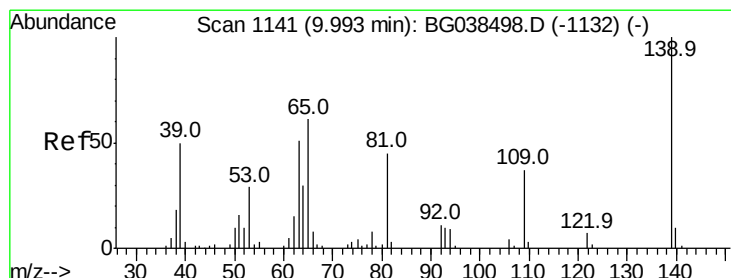
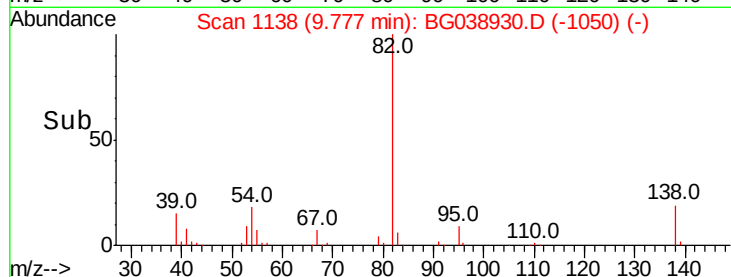
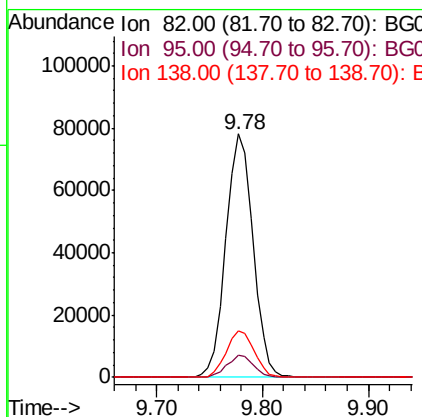
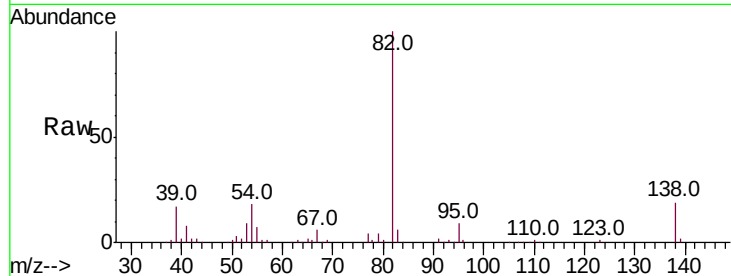
ClientSampleId :

PB116158BS

Tot Ion:	82	Resp:	139097
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.1	9.1
138	19.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.700 ng

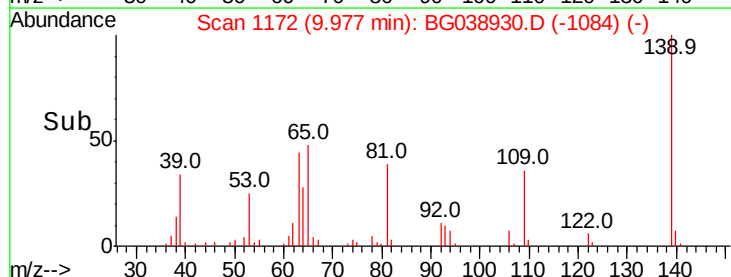
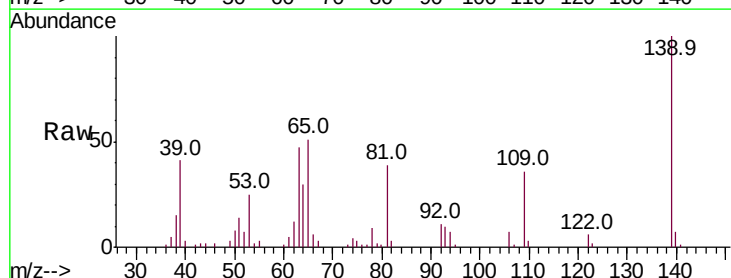
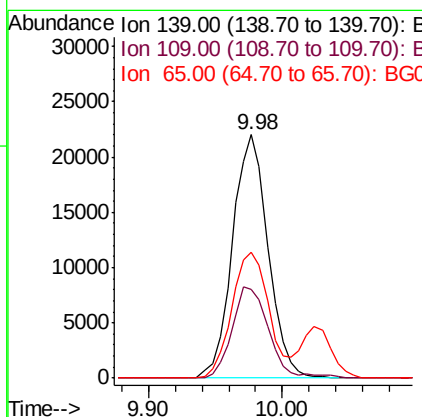
RT: 9.98 min Scan# 1172

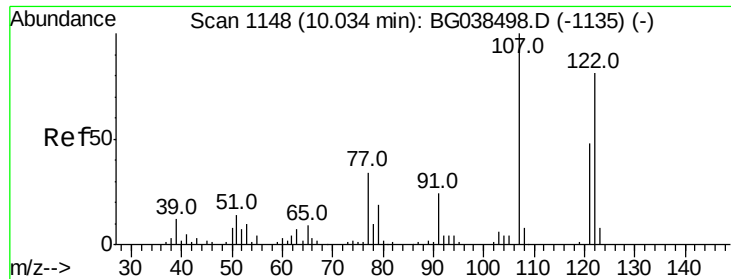
Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	139	Resp:	40640
Ion Ratio	Lower	Upper	
139	100		
109	36.2	29.5	44.3
65	51.5	48.5	72.7





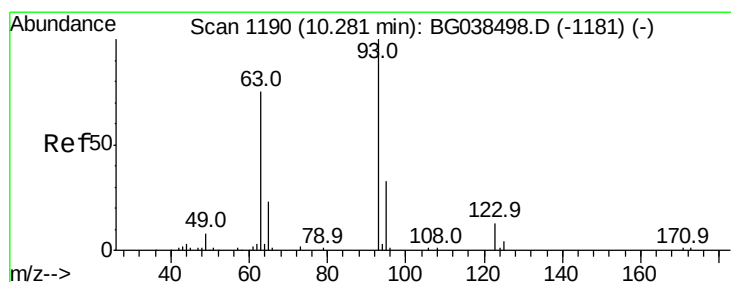
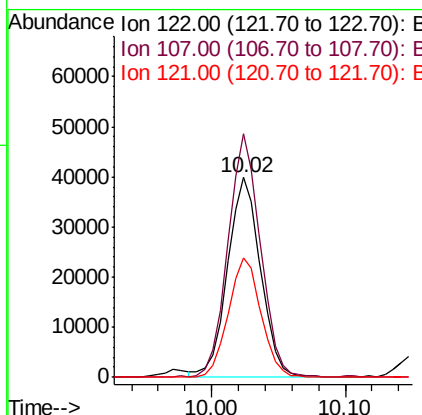
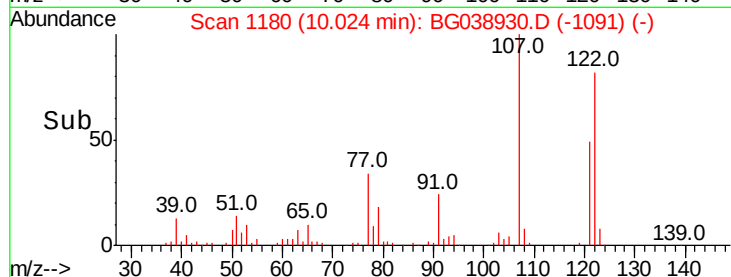
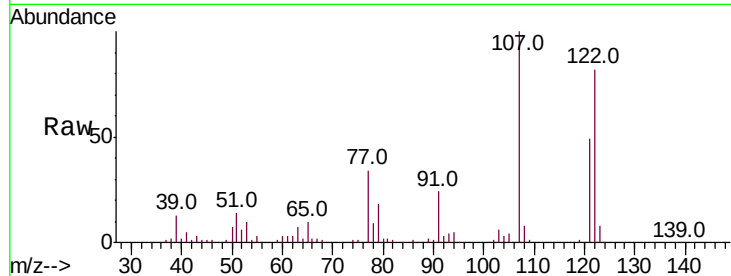
#27
2,4-Dimethylphenol
Concen: 49.398 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion:122 Resp: 68995
Ion Ratio Lower Upper
122 100
107 121.8 98.4 147.6
121 59.9 47.2 70.8

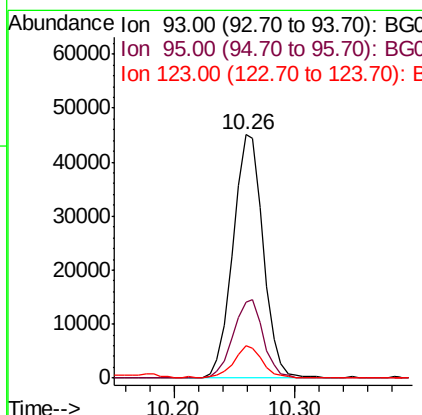
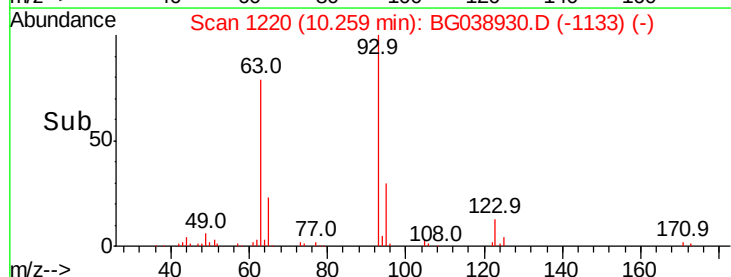
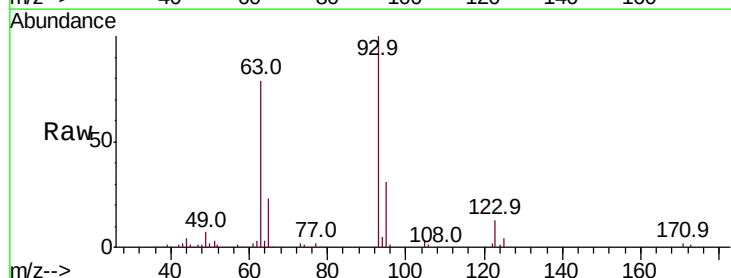
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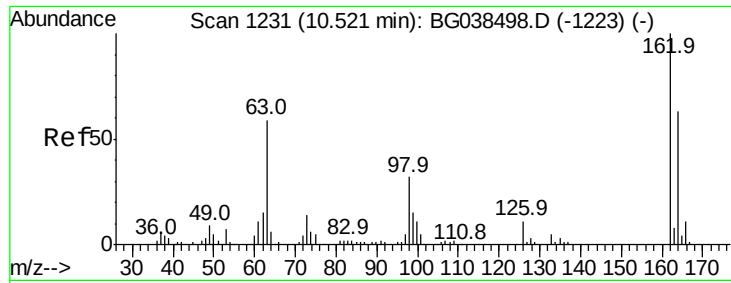
Sohil
1/7/2019 12:48:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.188 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion: 93 Resp: 78608
Ion Ratio Lower Upper
93 100
95 30.9 26.6 40.0
123 13.1 10.6 16.0





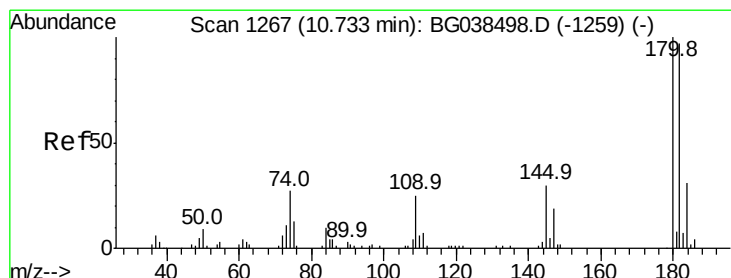
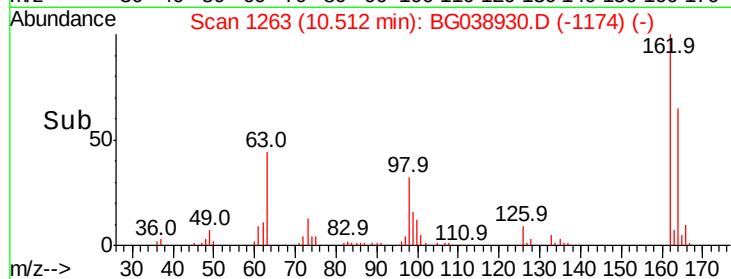
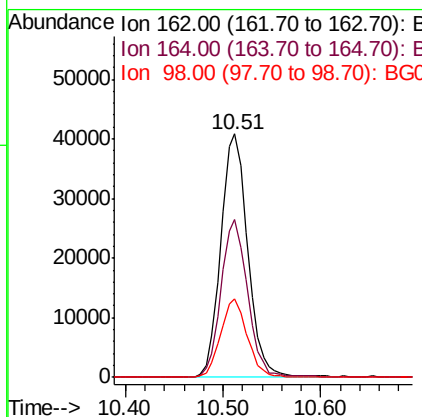
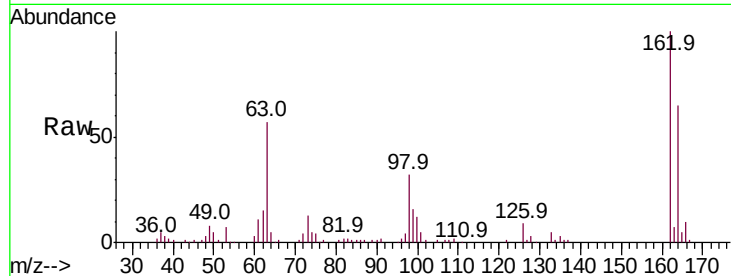
#29
 2,4-Dichlorophenol
 Concen: 50.376 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.9	82.9
98	32.3	12.1	52.1

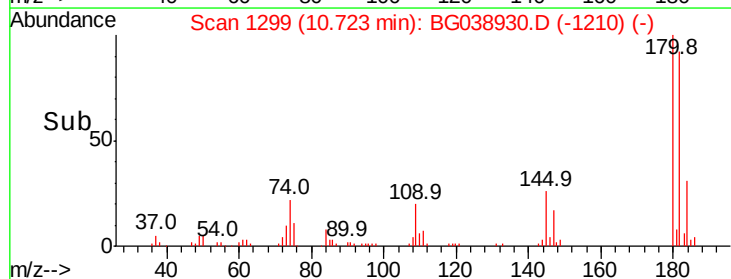
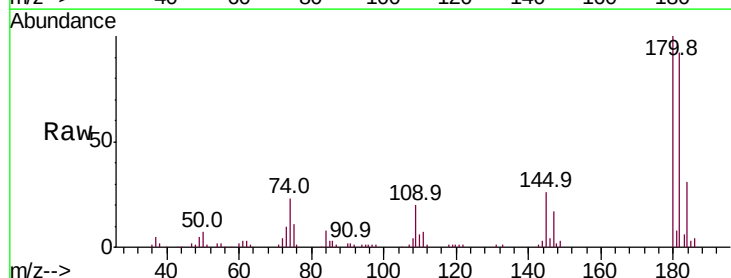
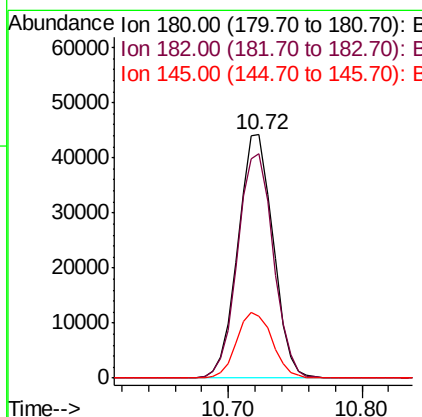
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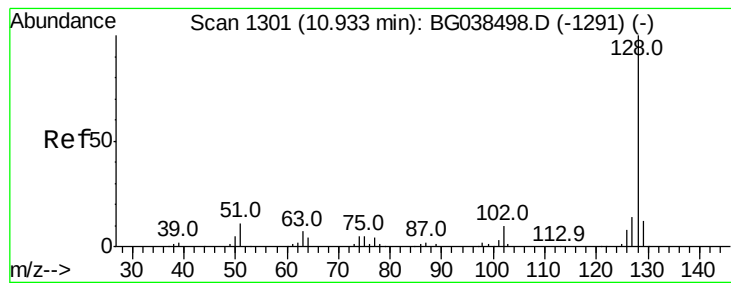
Sohil
 1/7/2019 12:48:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.909 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.4	116.0
145	25.5	24.1	36.1





#31

Naphthalene

Concen: 44.904 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

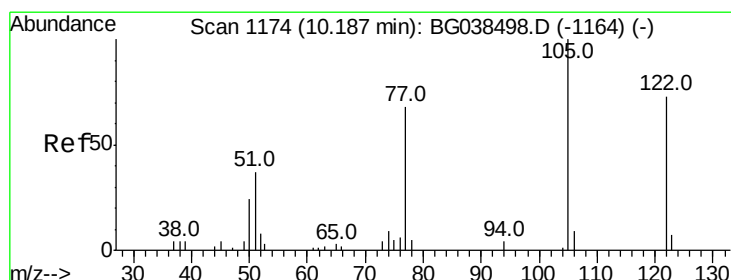
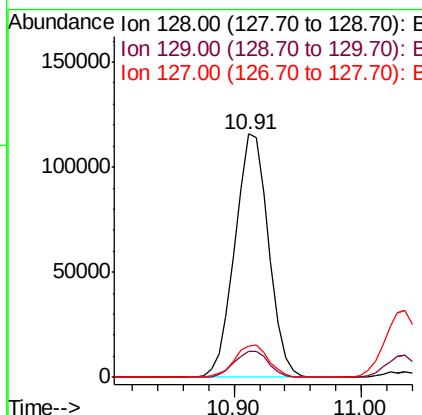
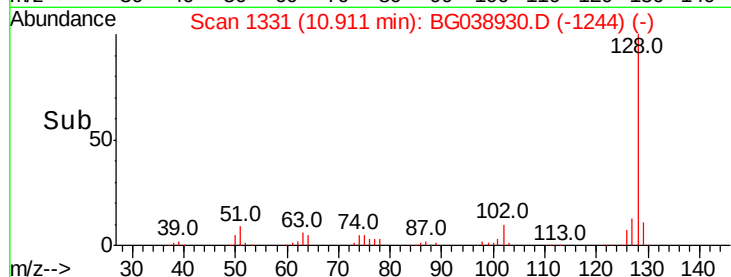
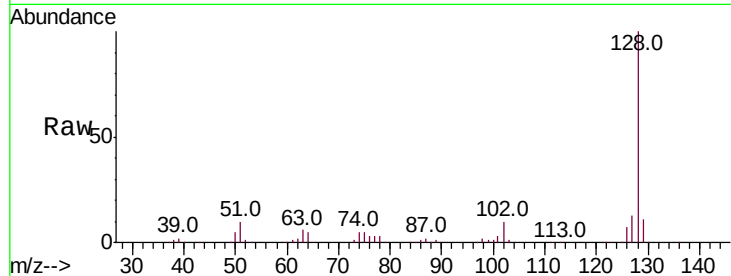
ClientSampleId :

PB116158BS

Tot Ion:	128	Resp:	212748
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.5	14.3
127	12.8	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 40.118 ng m

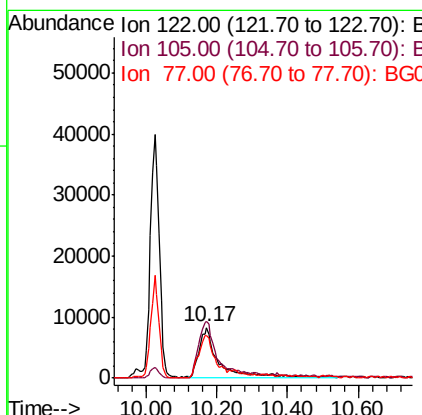
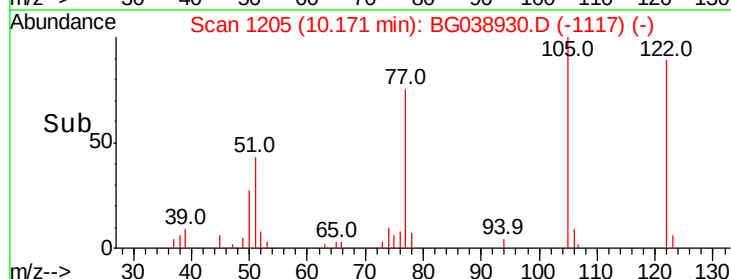
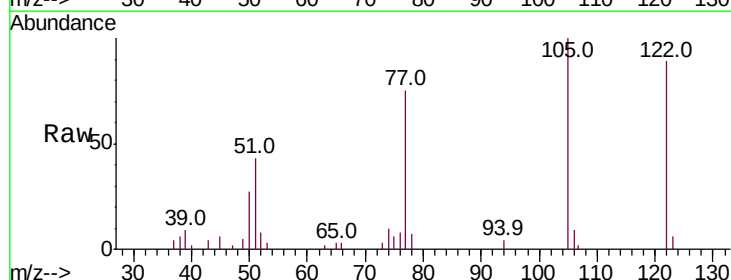
RT: 10.17 min Scan# 1205

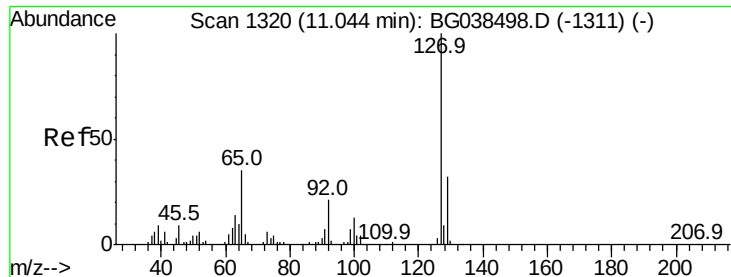
Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	122	Resp:	33713
Ion Ratio	Lower	Upper	
122	100		
105	112.2	116.7	156.7#
77	83.8	72.5	112.5





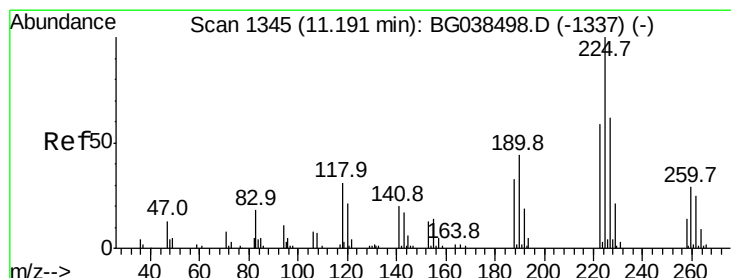
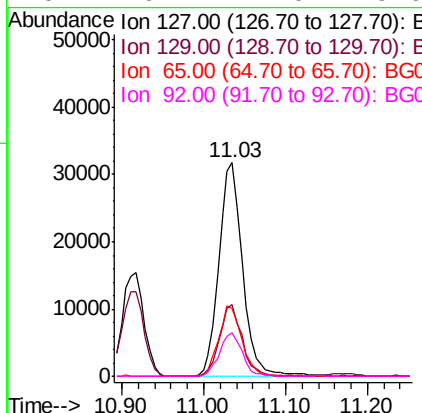
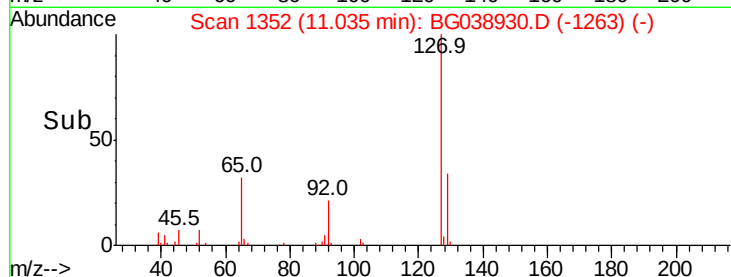
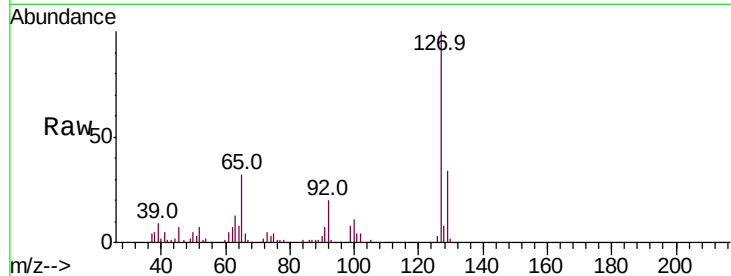
#33
4-Chloroaniline
Concen: 31.099 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :
PB116158BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.8
65	31.8	27.8	41.6
92	20.4	17.0	25.6

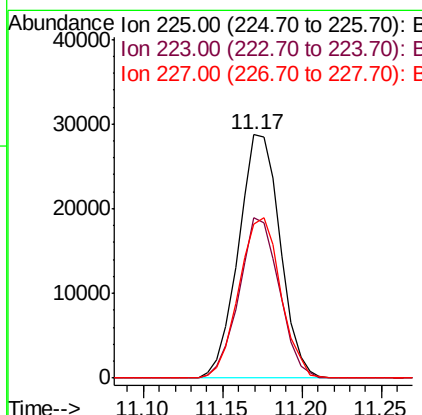
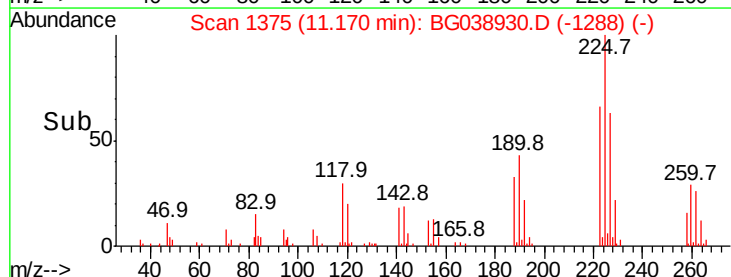
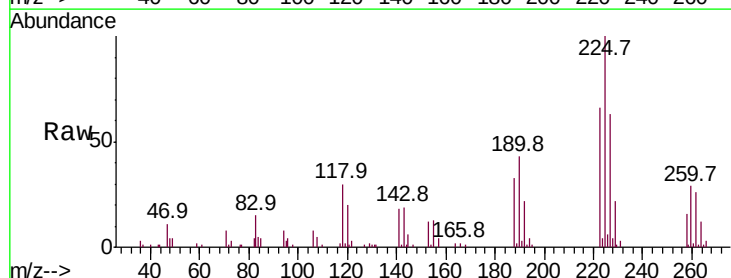
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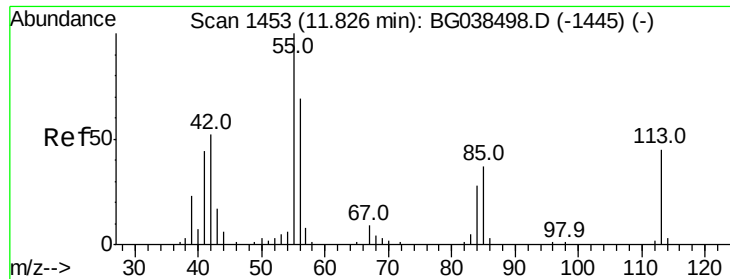
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#34
Hexachlorobutadiene
Concen: 41.258 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	45.0	67.6
227	63.3	50.6	75.8





#35

Caprolactam

Concen: 42.745 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

PB116158BS

Tot Ion:113 Resp: 27487

Ion Ratio Lower Upper

113 100

55 194.5 204.3 244.3#

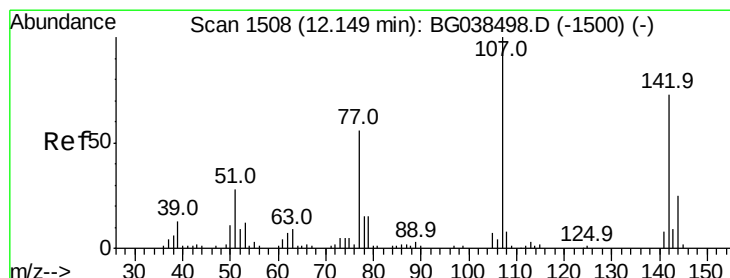
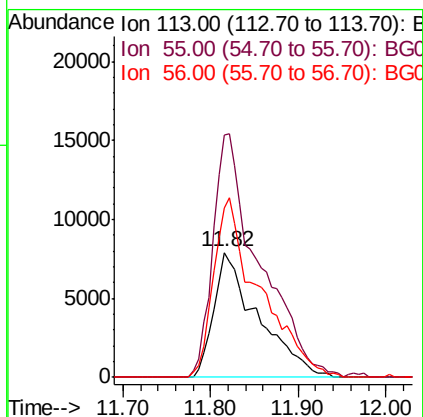
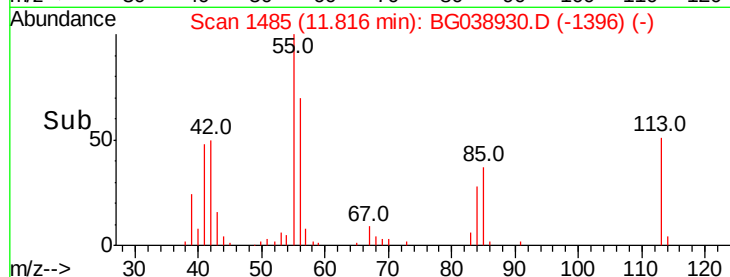
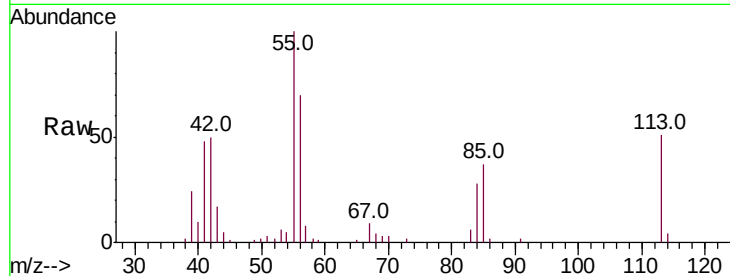
56 135.6 135.0 175.0

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 46.260 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

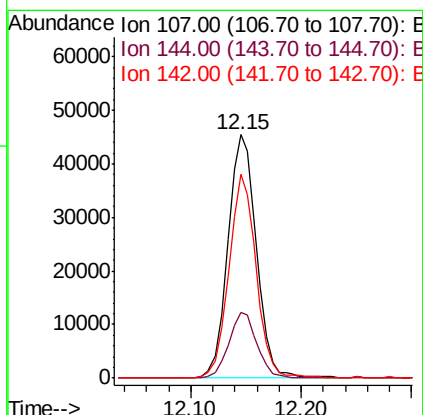
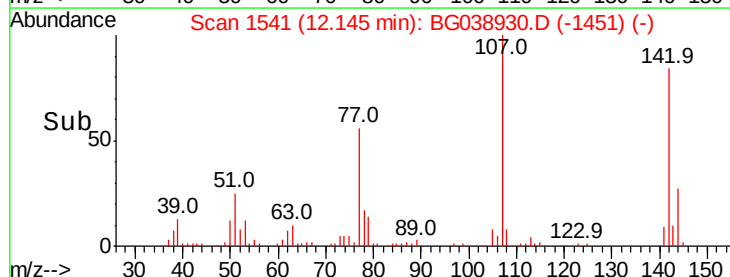
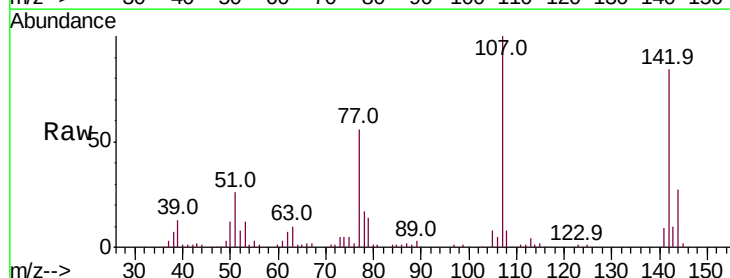
Tgt Ion:107 Resp: 82027

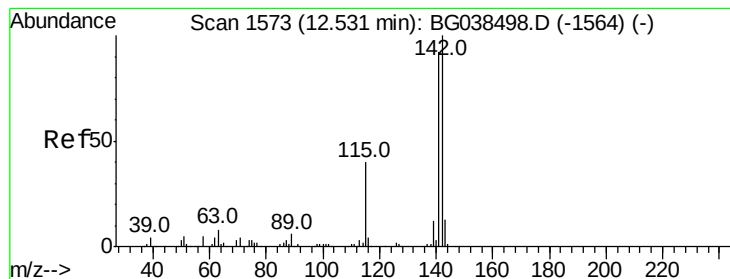
Ion Ratio Lower Upper

107 100

144 27.2 20.1 30.1

142 83.7 58.7 88.1





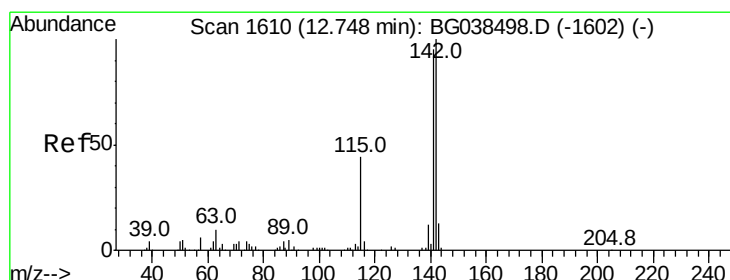
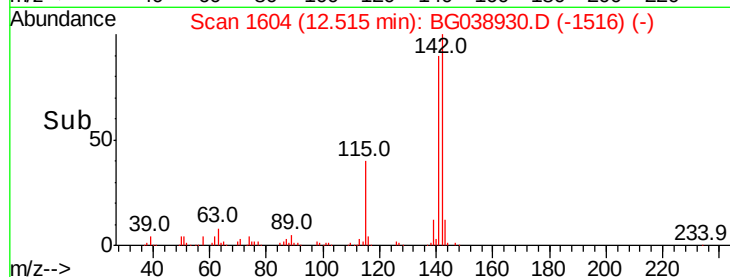
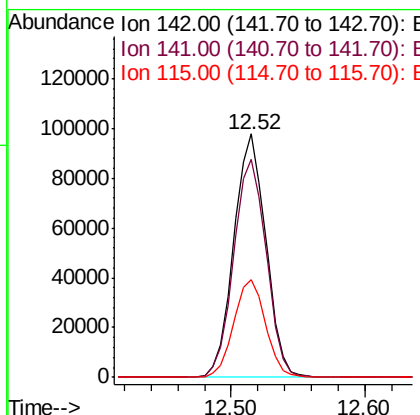
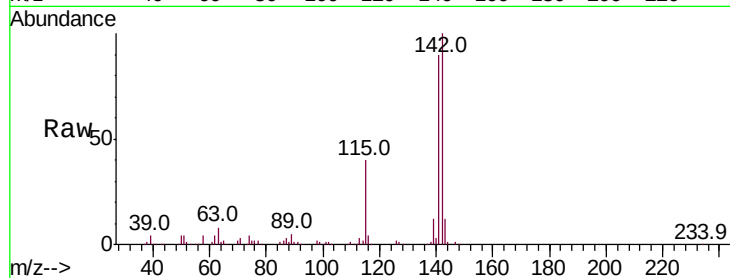
#37
2-Methylnaphthalene
Concen: 48.262 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	40.2	31.7	47.5

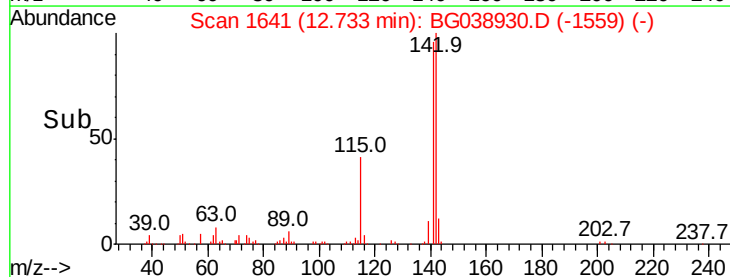
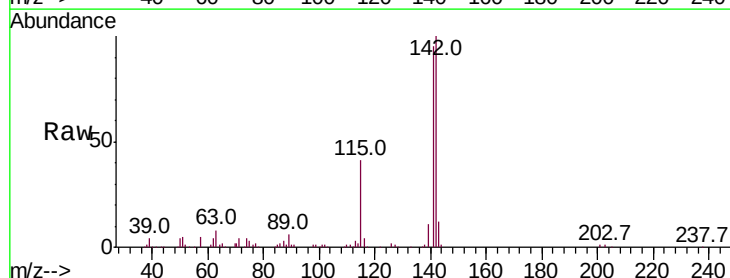
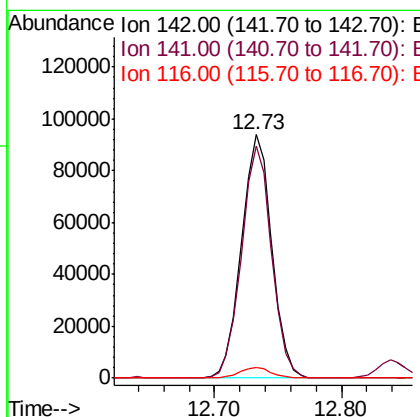
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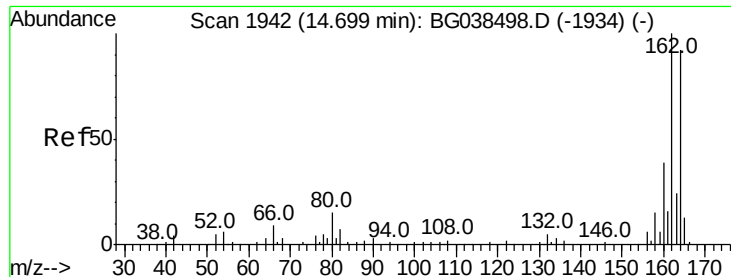
Sohil
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#38
1-Methylnaphthalene
Concen: 47.536 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.8
116	4.4	3.6	5.4





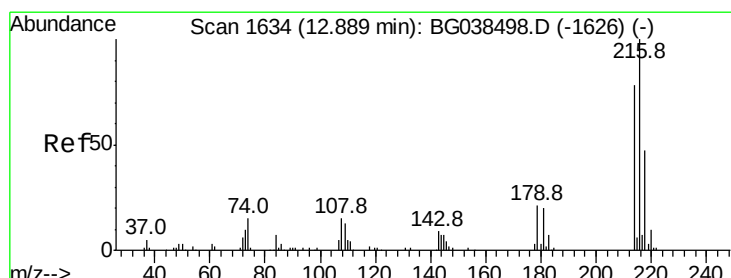
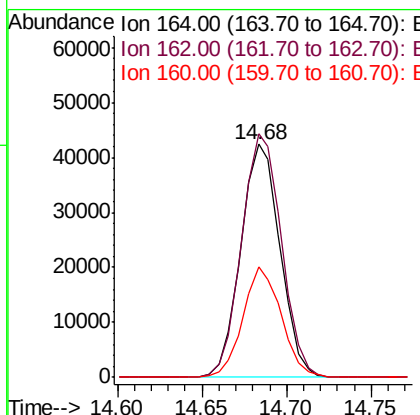
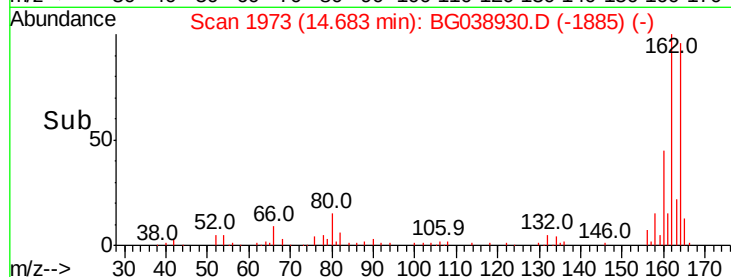
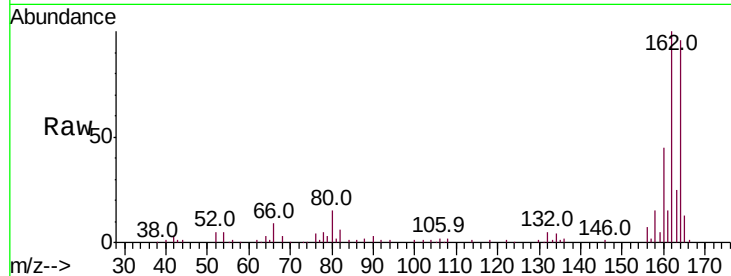
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.6	130.0
160	47.5	34.2	51.2

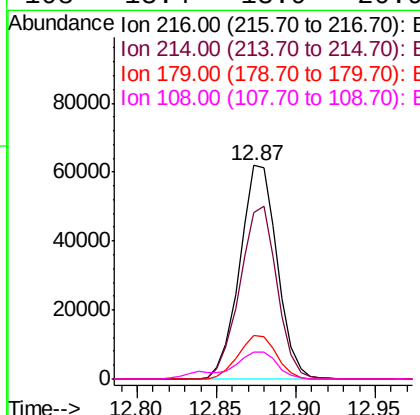
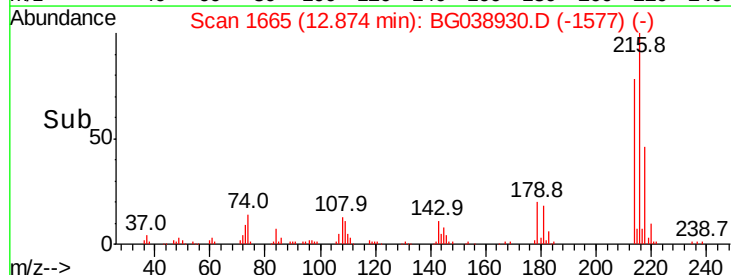
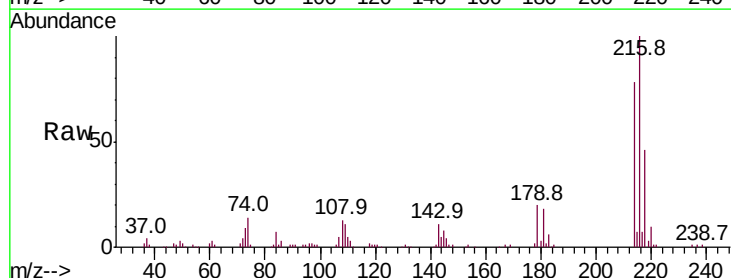
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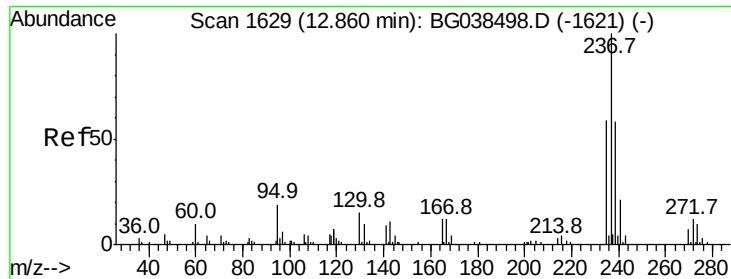
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.714 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
179	20.9	16.4	24.6
108	13.4	13.9	20.9#





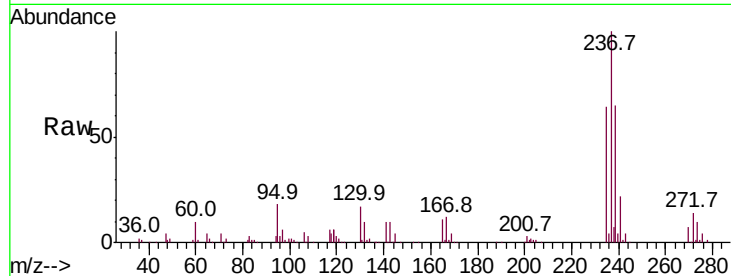
#41
Hexachlorocyclopentadiene
Concen: 82.050 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

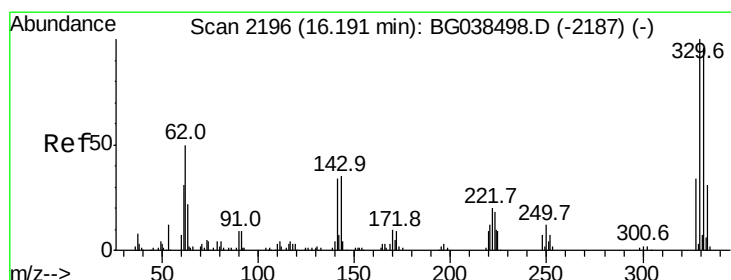
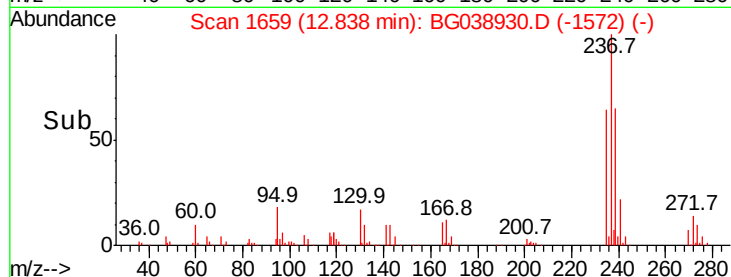
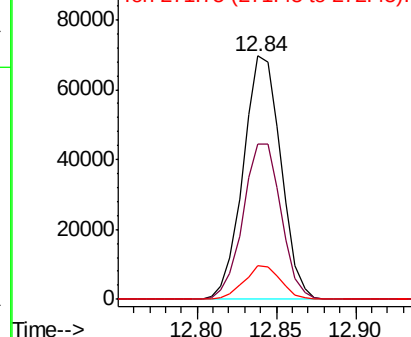
Tot Ion	Ratio	Resp	Lower	Upper
237	100	115075		
235	63.7	38.8	78.8	
272	13.7	0.0	32.0	

Manual Integrations
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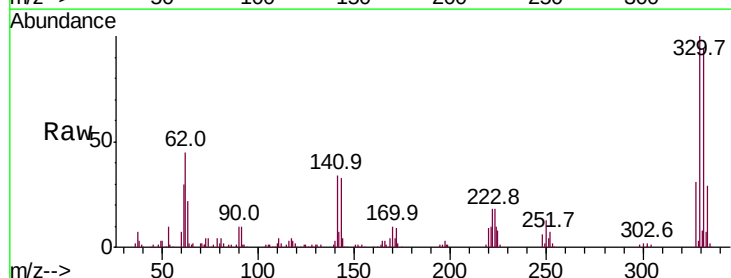


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

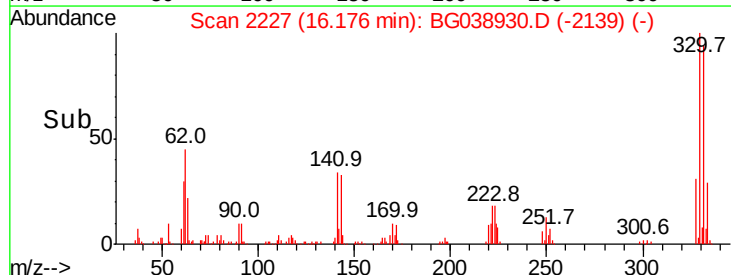
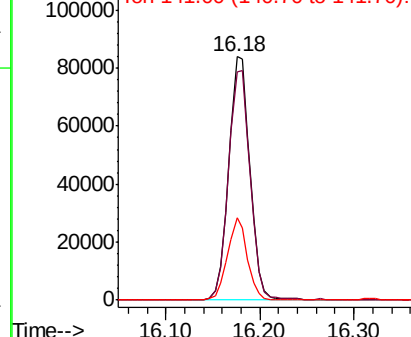


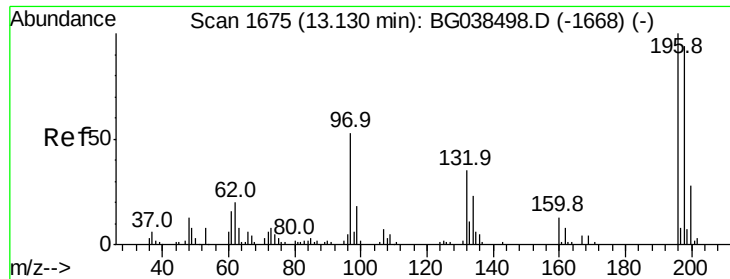
#42
2,4,6-Tribromophenol
Concen: 140.178 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131938		
332	96.9	76.9	115.3	
141	31.7	28.8	43.2	



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





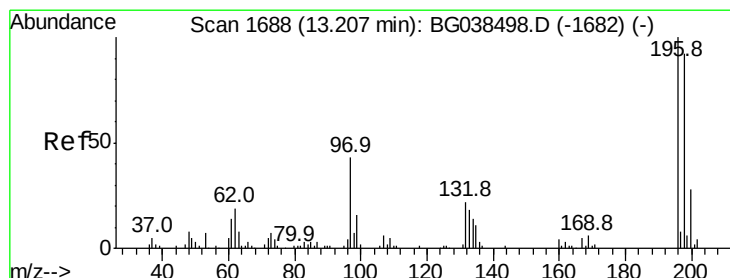
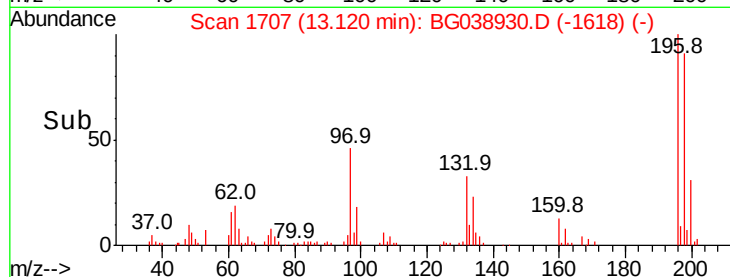
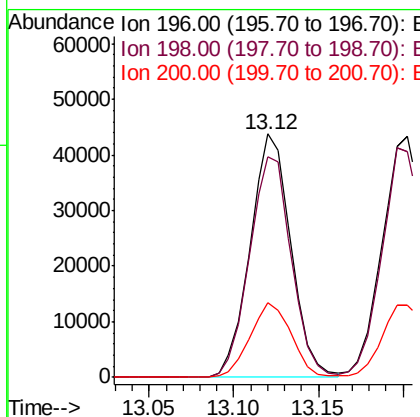
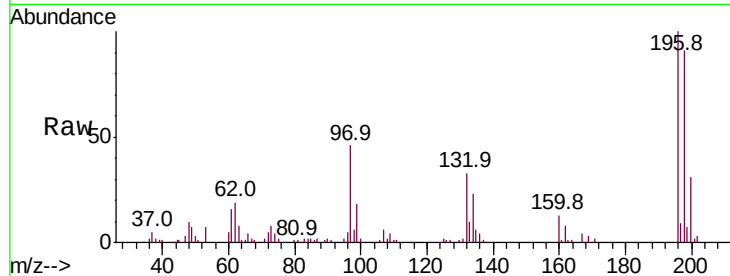
#43
 2,4,6-Trichlorophenol
 Concen: 46.637 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.6	75.0	112.4
200	30.8	22.4	33.6

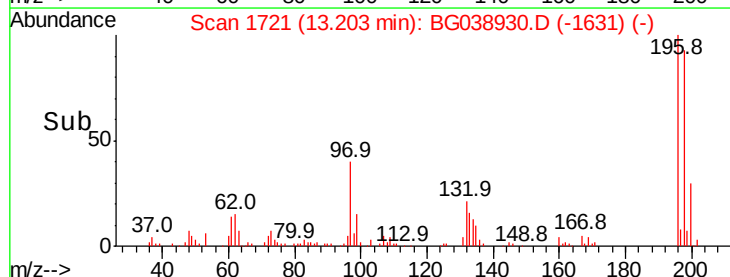
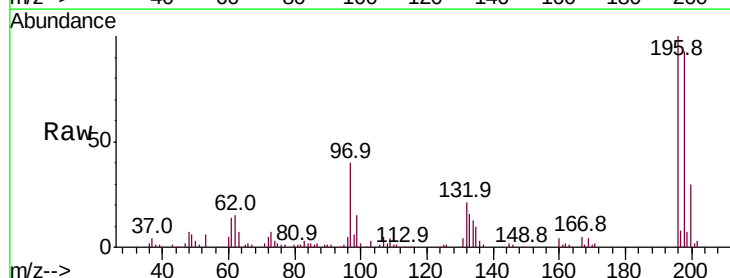
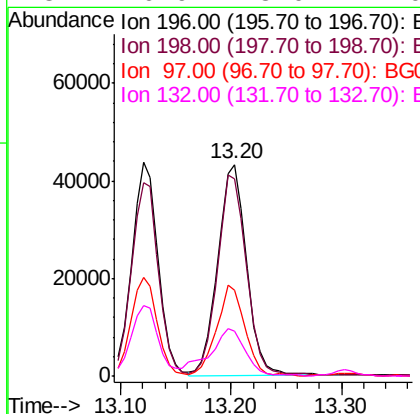
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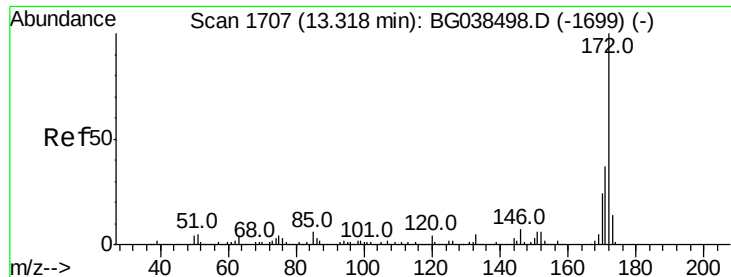
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 47.145 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.0	111.0
97	40.3	35.1	52.7
132	20.9	18.0	27.0





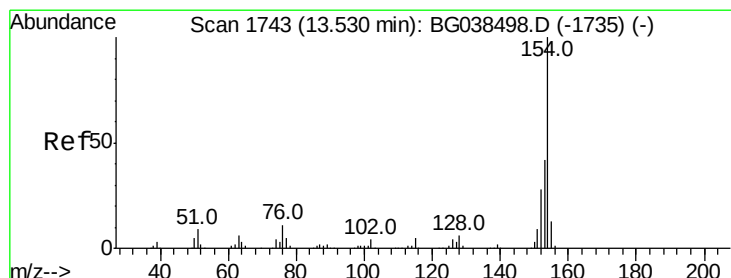
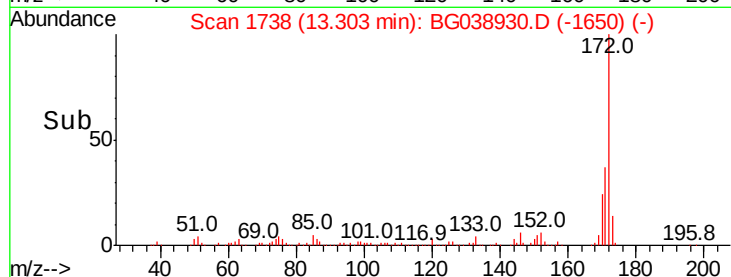
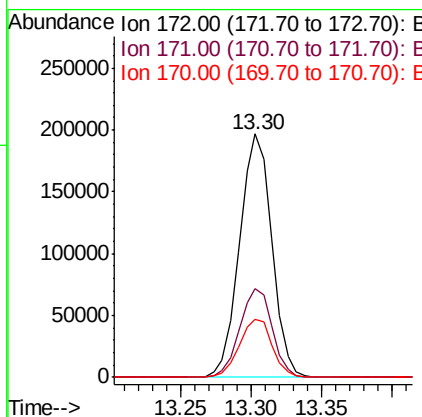
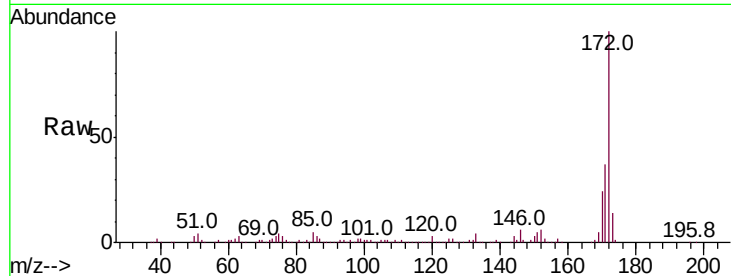
#45
2-Fluorobiphenyl
Concen: 63.107 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :
PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.8	44.6	
170	23.9	19.5	29.3	

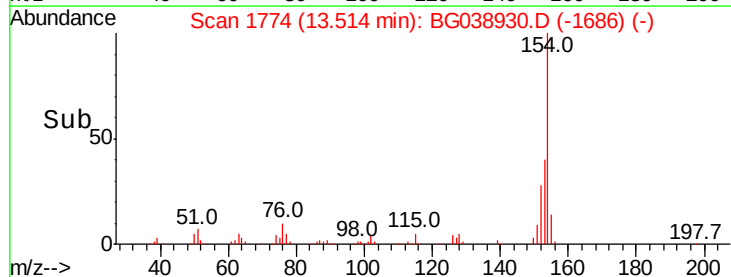
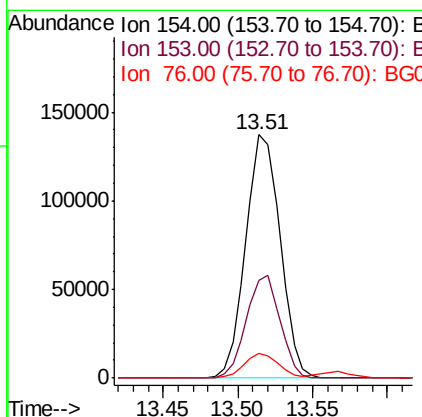
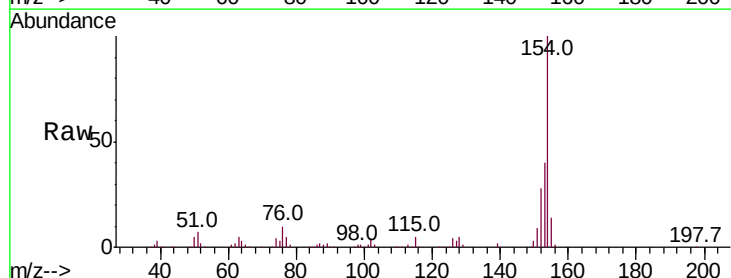
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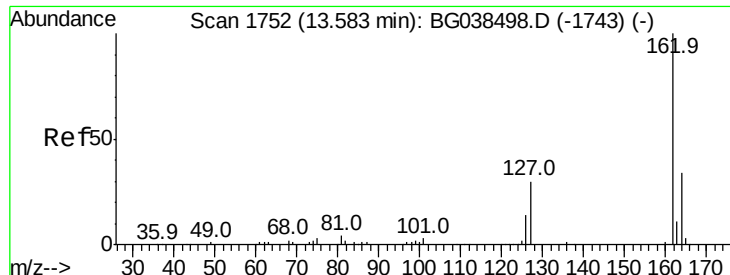
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#46
1,1'-Biphenyl
Concen: 38.314 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	22.1	62.1	
76	10.1	0.0	31.2	





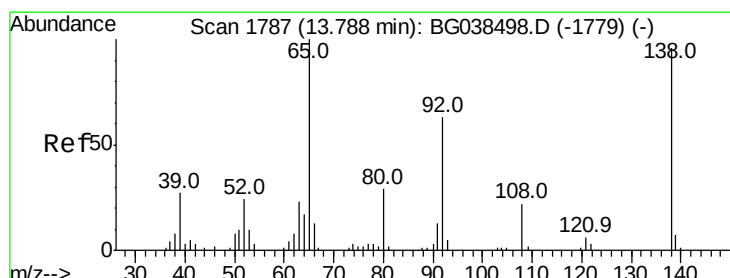
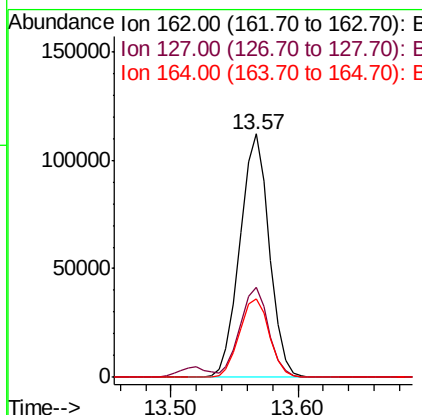
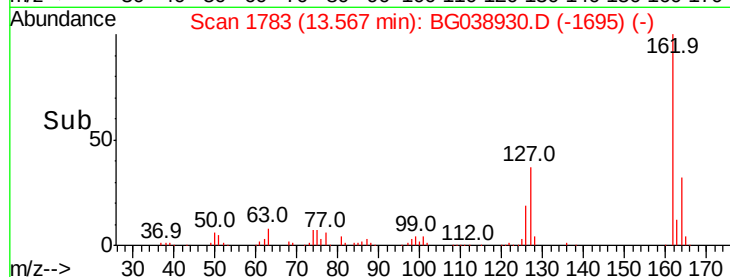
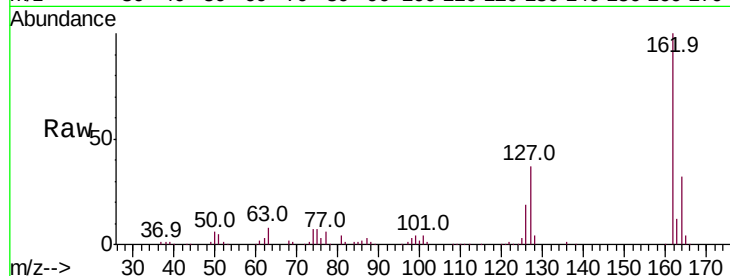
#47
 2-Chloronaphthalene
 Concen: 40.444 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion:	162	Resp:	178863
Ion Ratio	Lower	Upper	
162	100		
127	36.8	27.8	41.8
164	32.1	26.9	40.3

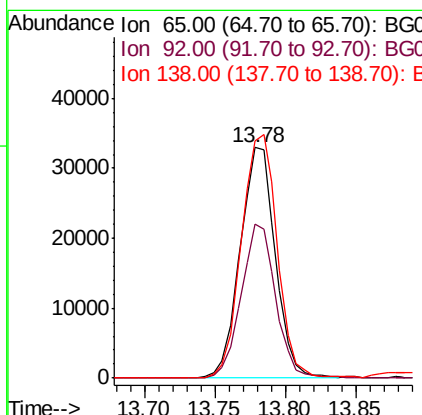
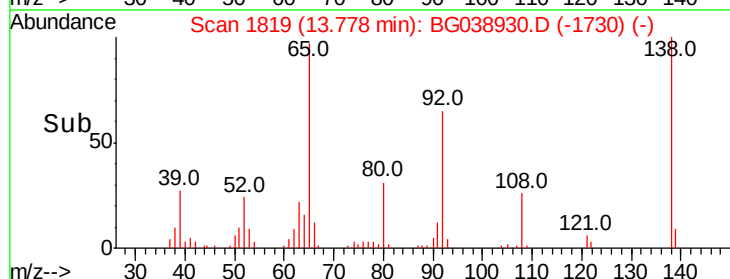
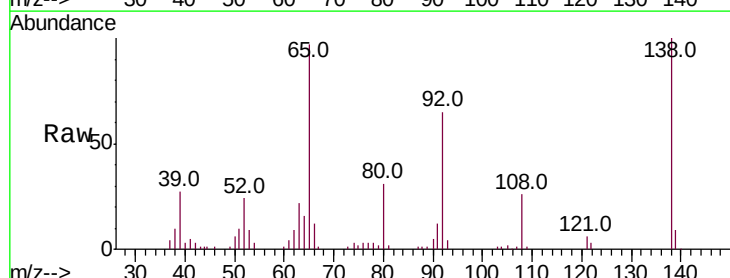
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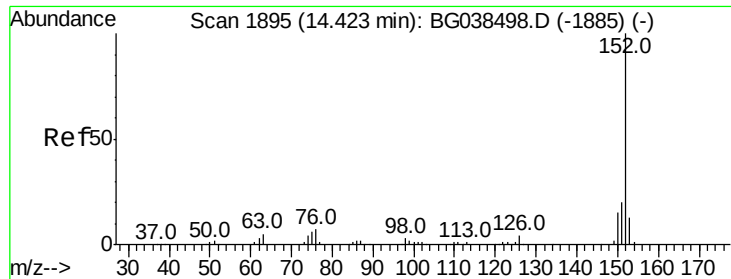
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#48
 2-Nitroaniline
 Concen: 40.740 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:	65	Resp:	57389
Ion Ratio	Lower	Upper	
65	100		
92	66.7	50.0	75.0
138	102.7	76.9	115.3





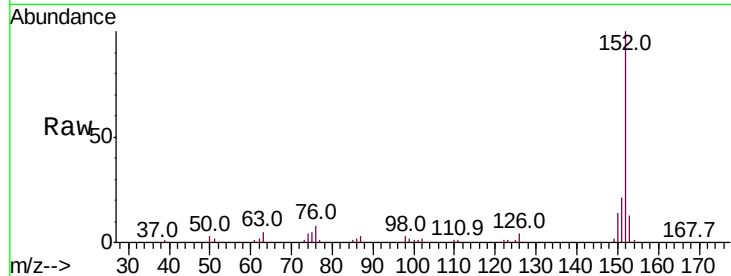
#49
Acenaphthylene
Concen: 44.489 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

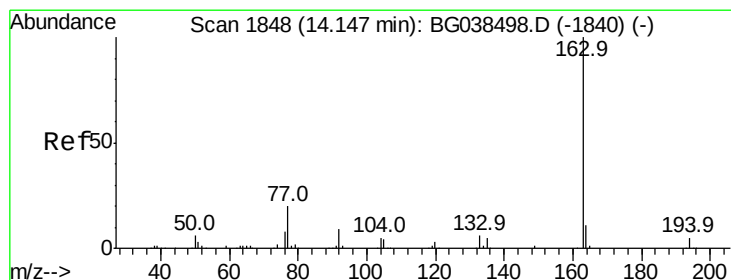
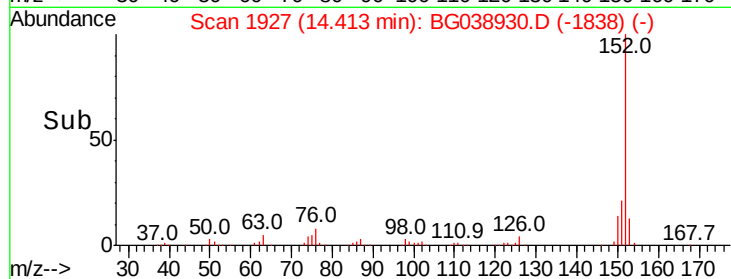
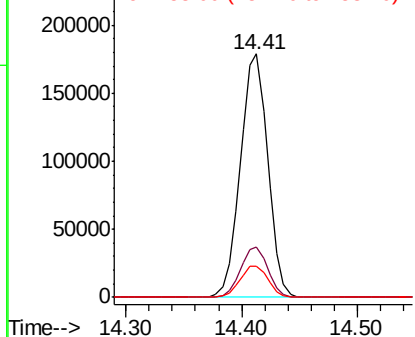
Tot Ion:	152	Resp:	294134
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	13.0	10.4	15.6

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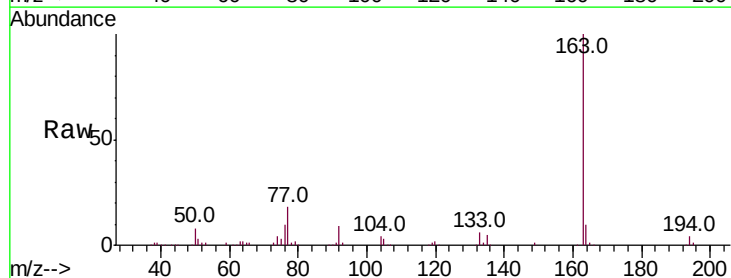


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

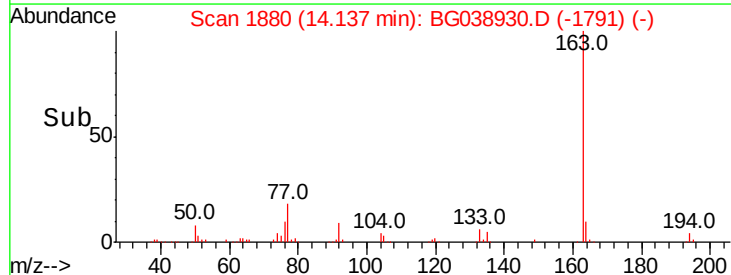
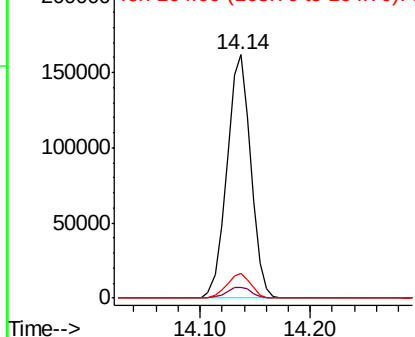


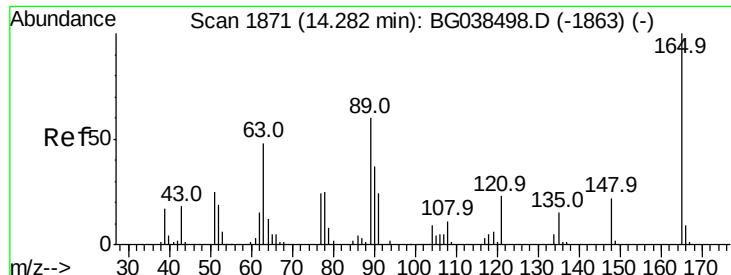
#50
Dimethylphthalate
Concen: 43.762 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:	163	Resp:	244064
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.1	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.142 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

PB116158BS

Tot Ion:165 Resp: 55790

Ion Ratio Lower Upper

165 100

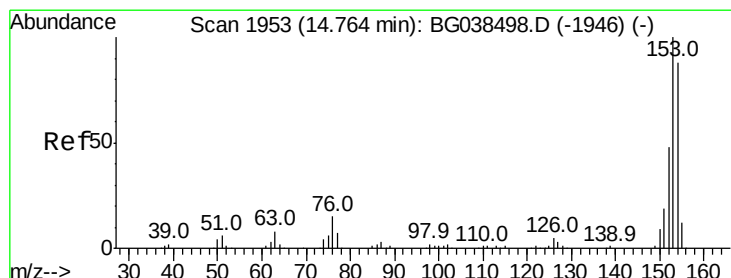
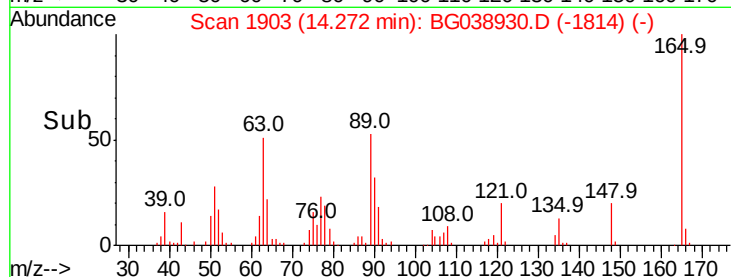
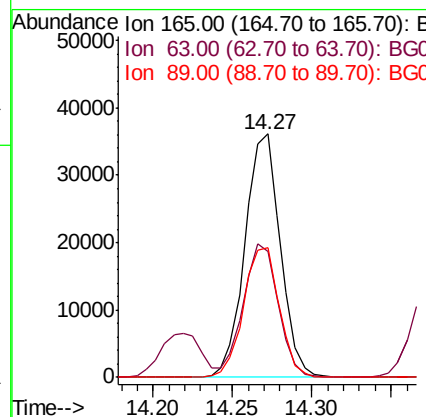
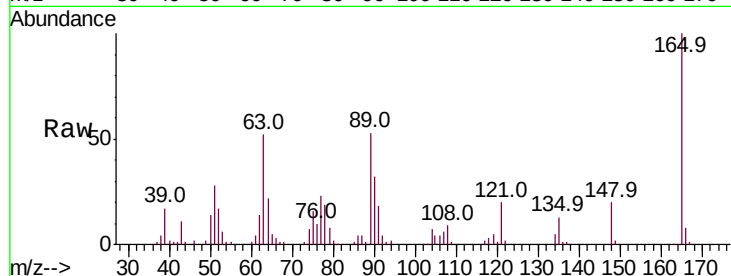
63 51.7 51.8 77.6#

89 53.0 47.9 71.9

Manual Integrations
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#52

Acenaphthene

Concen: 42.619 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

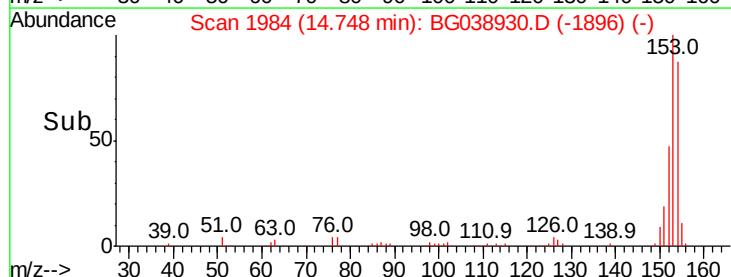
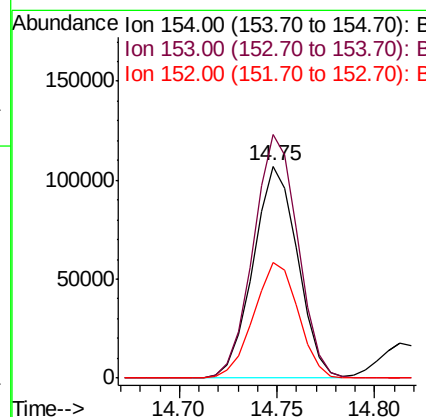
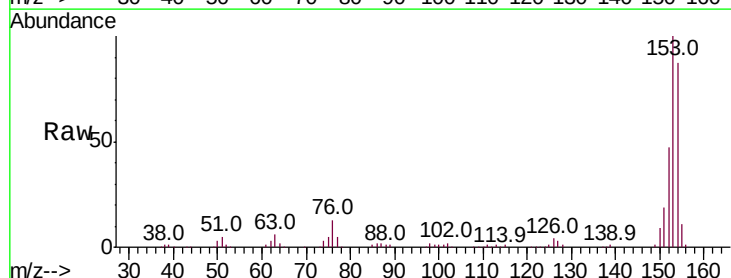
Tgt Ion:154 Resp: 168487

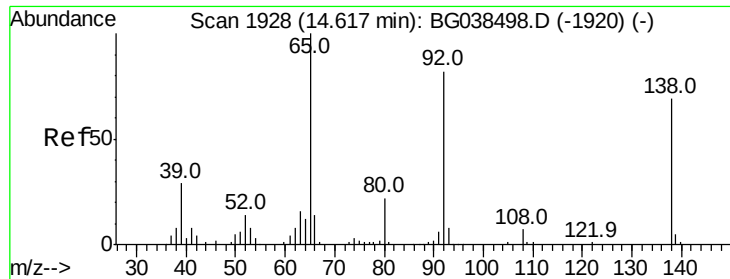
Ion Ratio Lower Upper

154 100

153 114.9 90.6 136.0

152 54.4 43.5 65.3





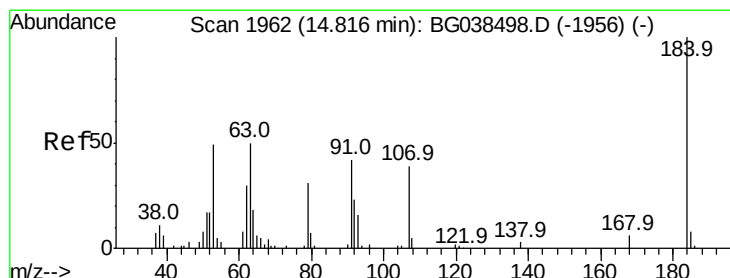
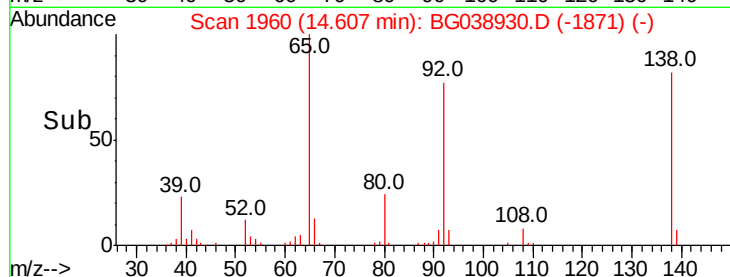
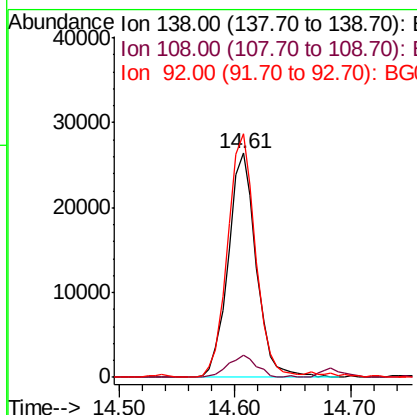
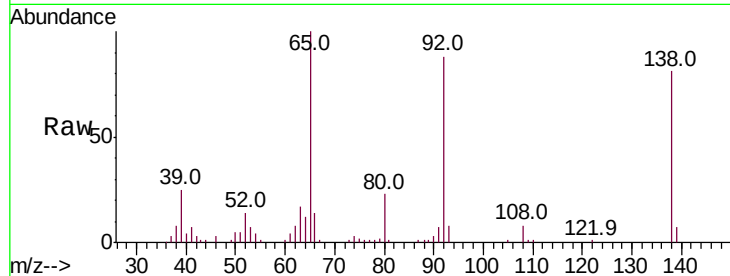
#53
3-Nitroaniline
Concen: 34.254 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	108.7	95.3	142.9

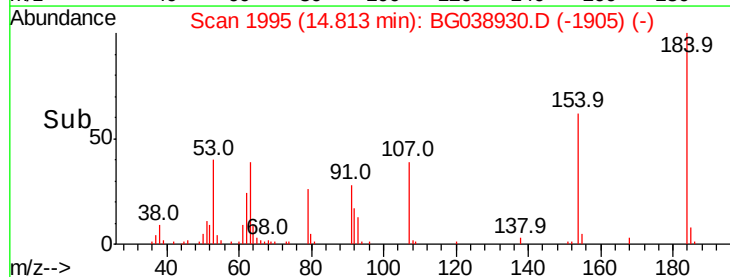
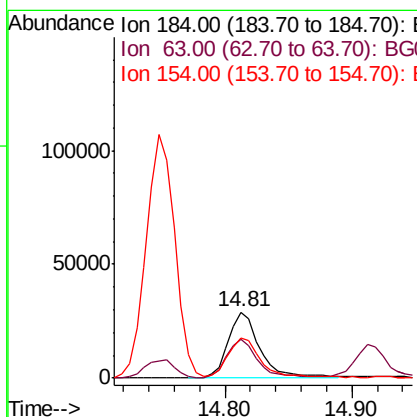
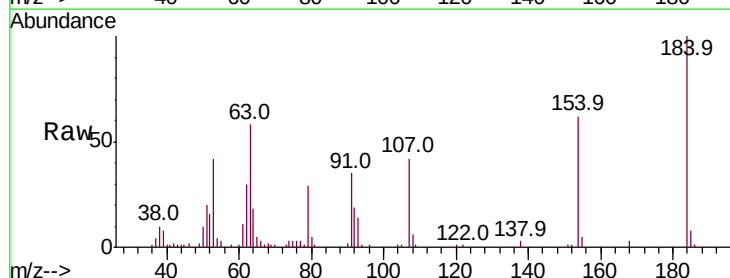
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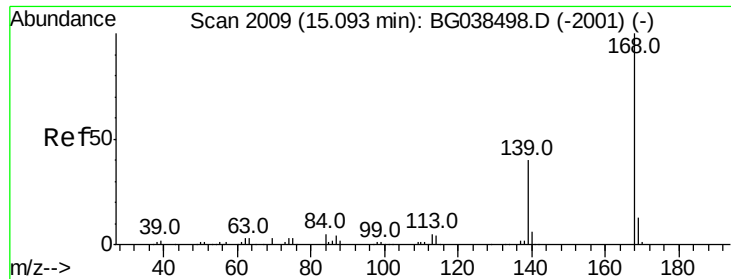
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#54
2,4-Dinitrophenol
Concen: 67.144 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	47.0	70.6
154	61.6	50.3	75.5





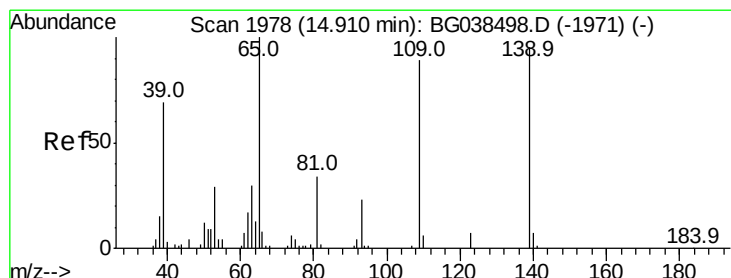
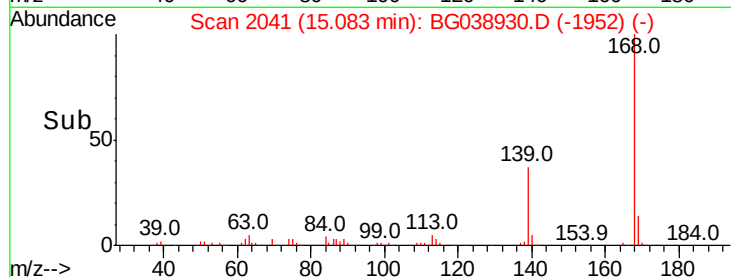
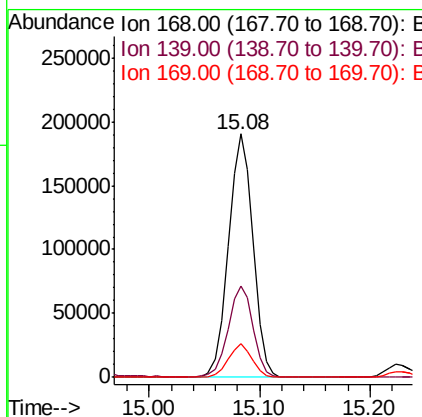
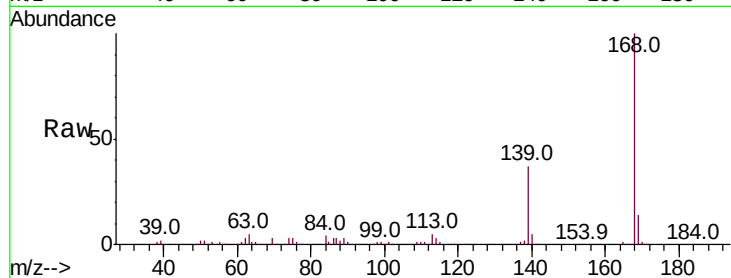
#55
Dibenzenofuran
Concen: 43.544 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	32.2	48.2
169	13.8	10.6	16.0

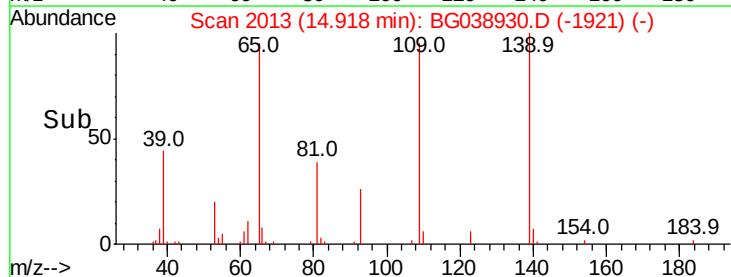
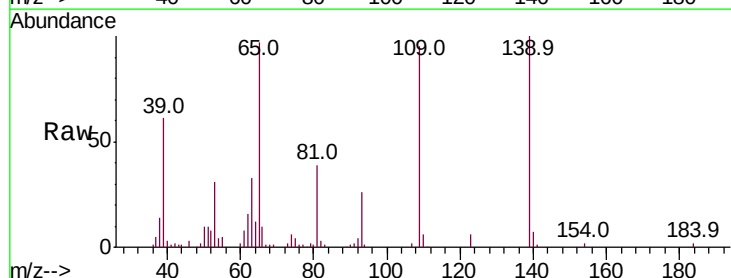
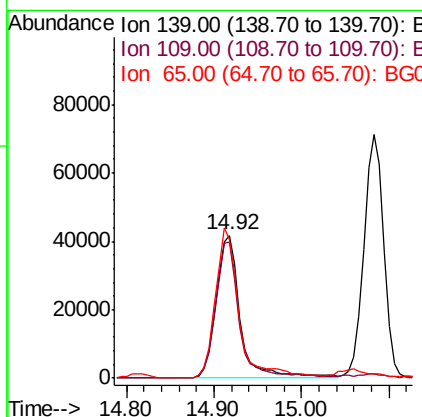
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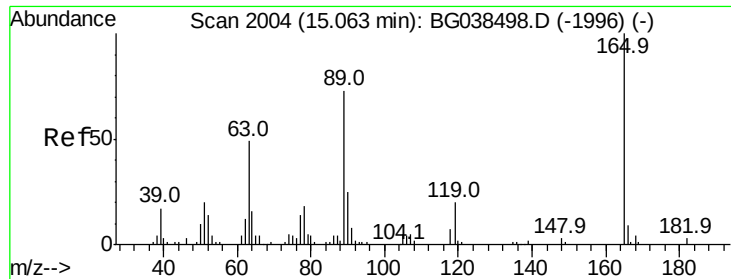
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#56
4-Nitrophenol
Concen: 81.801 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	73.6	113.6
65	96.9	84.8	124.8





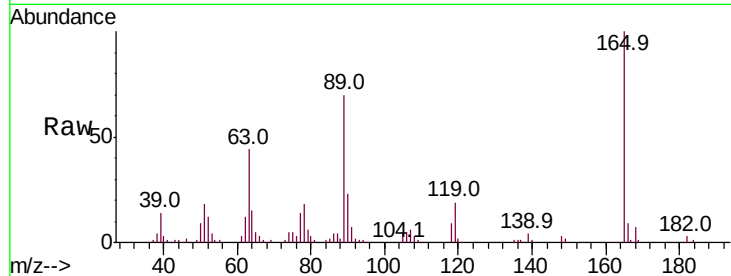
#57
 2,4-Dinitrotoluene
 Concen: 44.625 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	39.0	58.4
89	69.9	58.0	87.0
182	2.7	2.3	3.5

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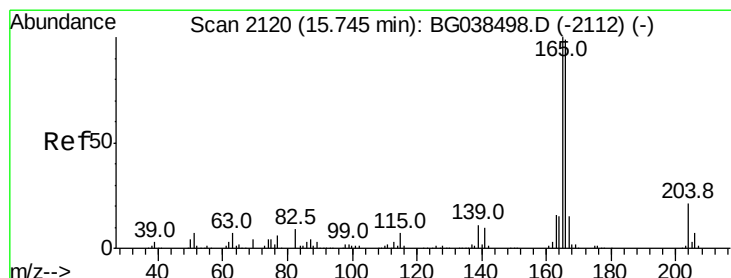
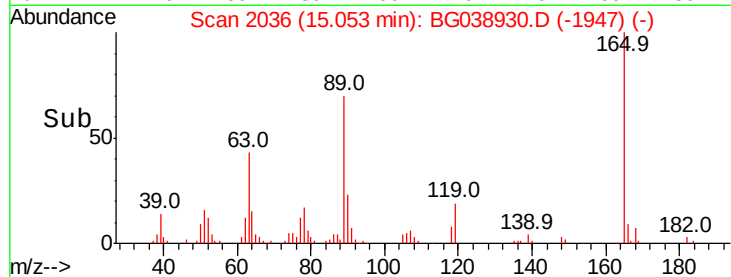
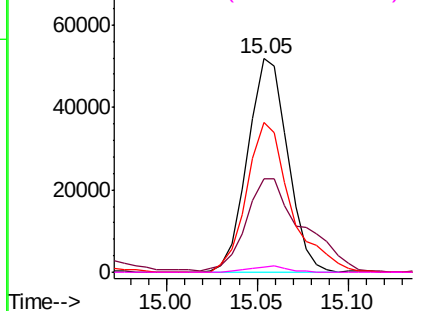
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

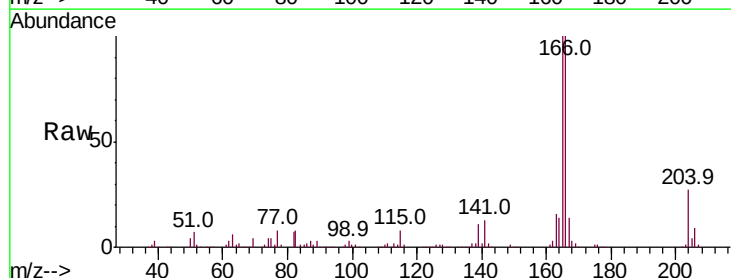
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.848 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.6	120.8
167	14.1	12.0	18.0

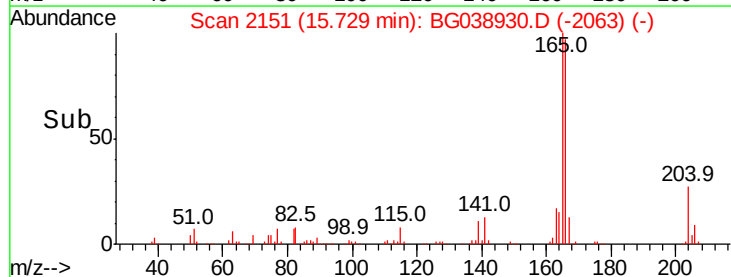
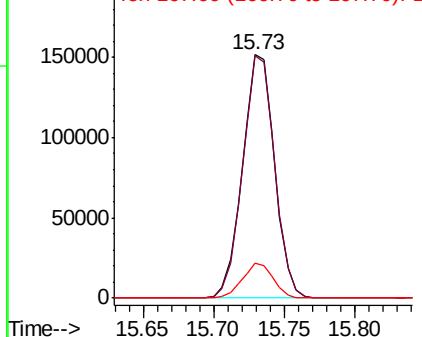


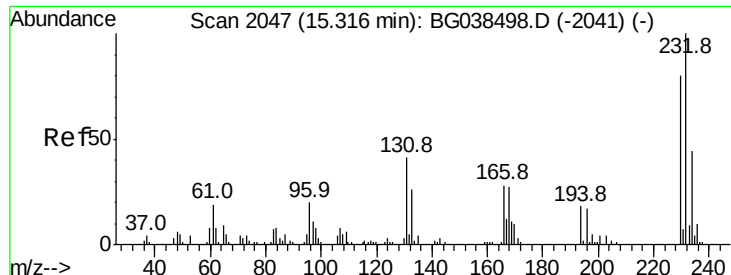
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





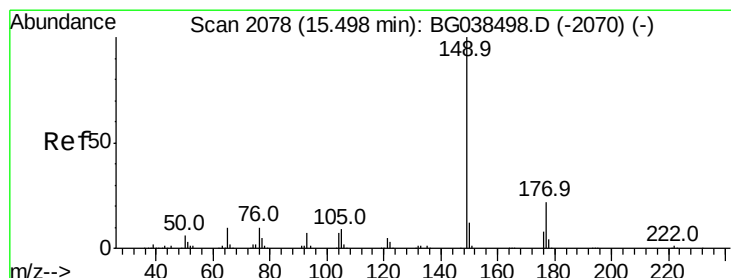
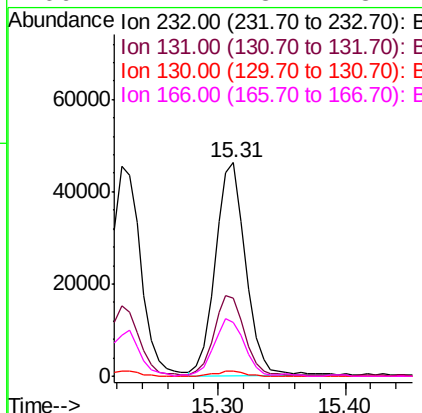
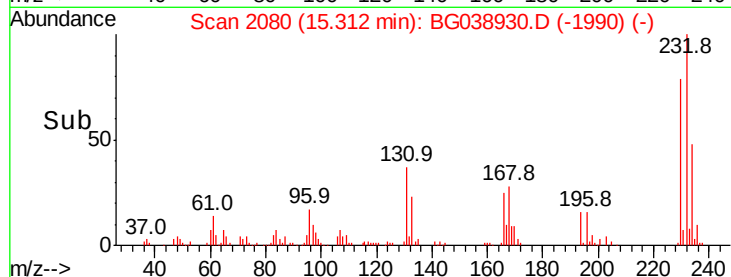
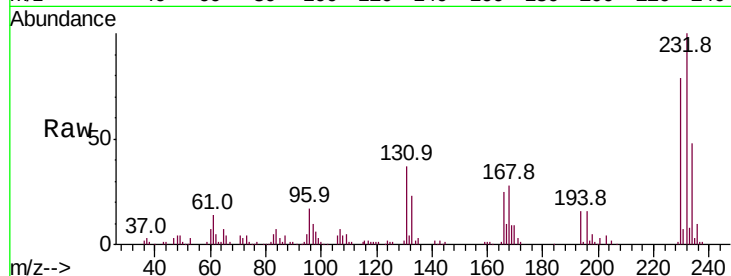
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.278 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	33.0	49.4
130	2.3	2.0	3.0
166	27.2	23.1	34.7

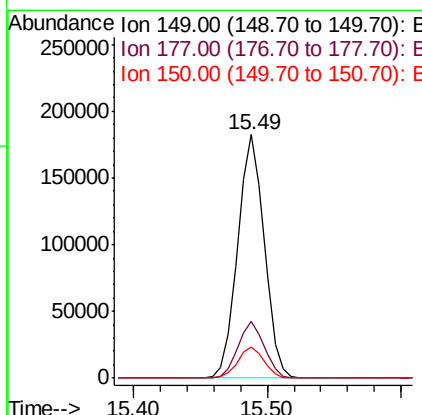
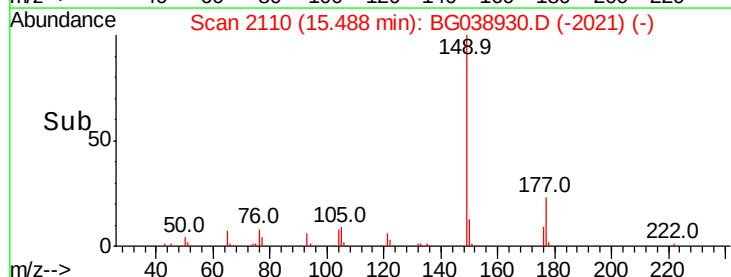
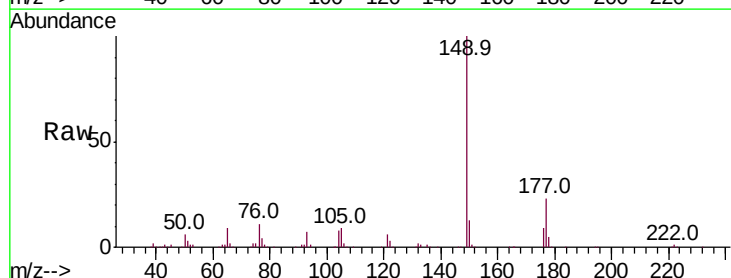
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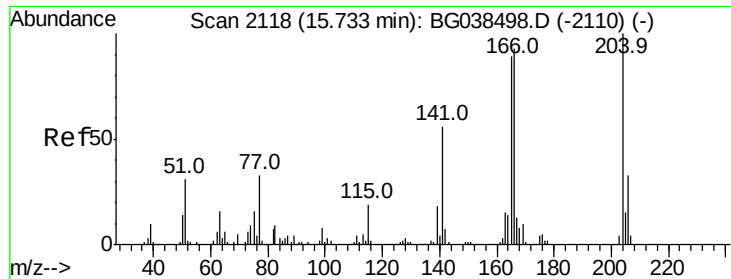
Sohil
 1/7/2019 12:48:08 PM



#60
 Diethylphthalate
 Concen: 41.029 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.7	26.5
150	12.6	9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 43.298 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

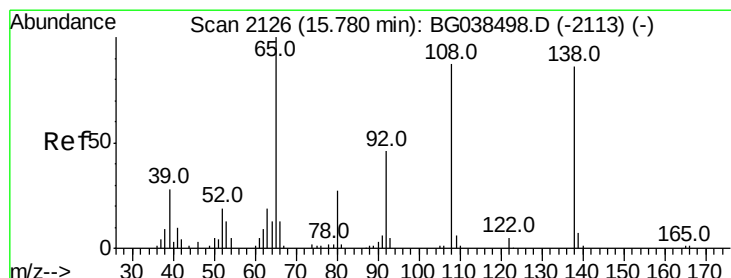
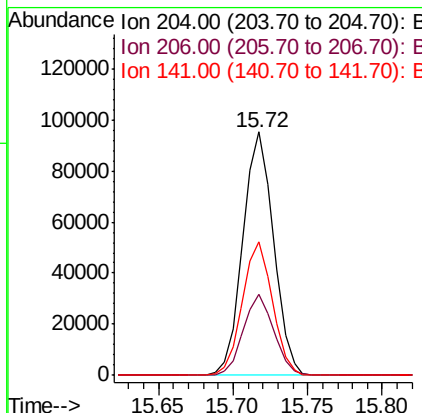
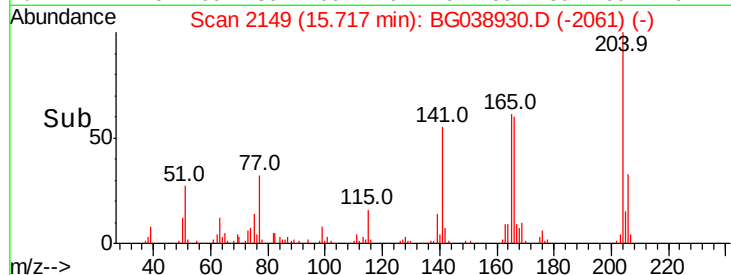
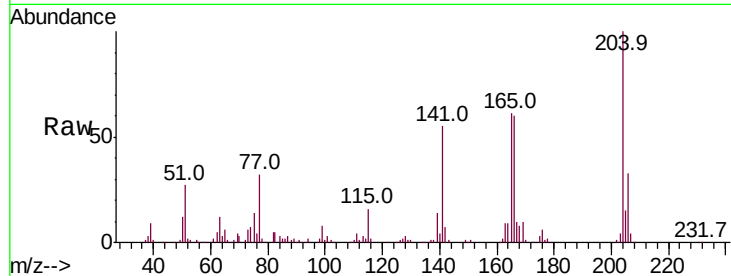
ClientSampleId :

PB116158BS

Tot Ion:	204	Resp:	135635
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.0	39.0
141	55.1	44.4	66.6

Manual Integrations
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#62

4-Nitroaniline

Concen: 43.542 ng

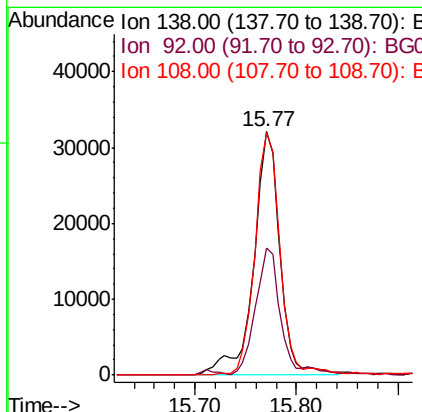
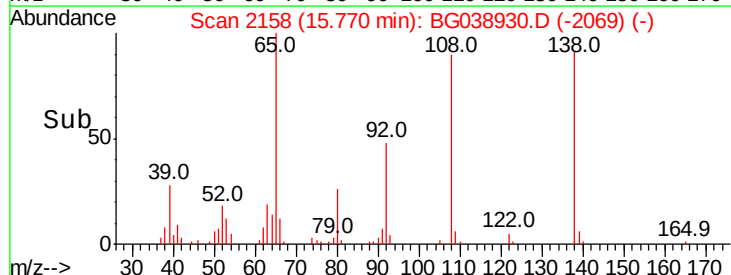
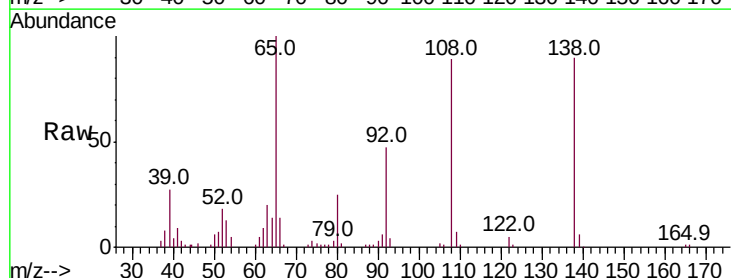
RT: 15.77 min Scan# 2158

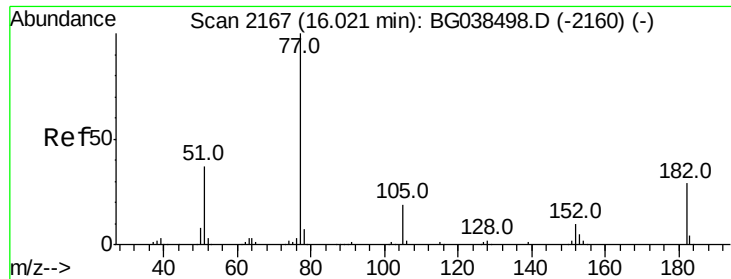
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	138	Resp:	57754
Ion Ratio	Lower	Upper	
138	100		
92	52.1	33.3	73.3
108	99.7	81.4	121.4





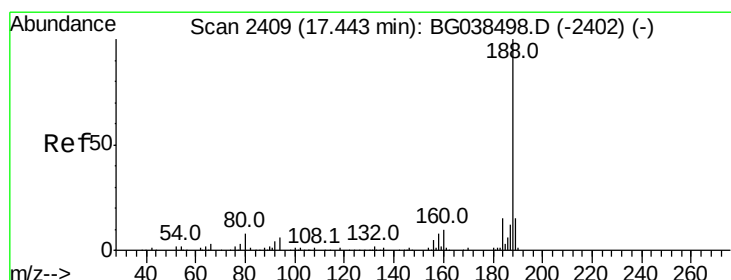
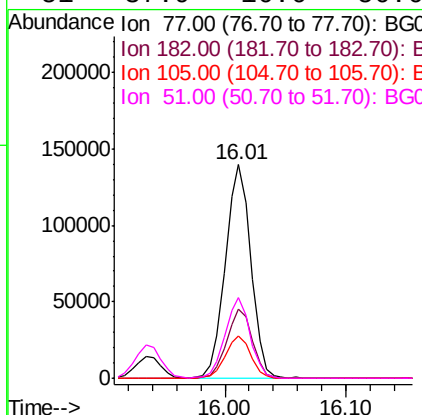
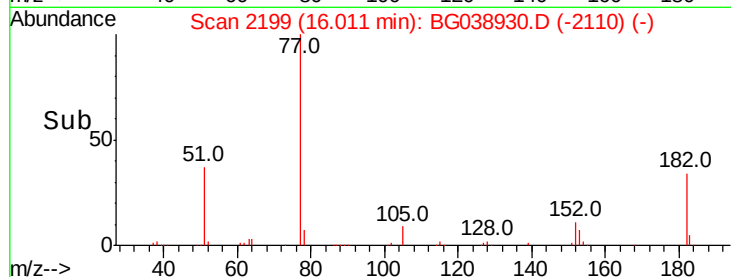
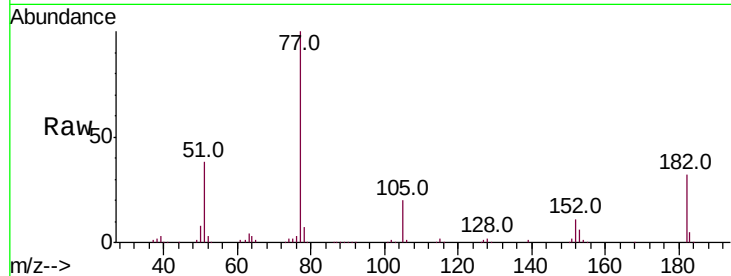
#63
Azobenzene
Concen: 40.050 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.4	8.7	48.7	
105	19.8	0.0	38.7	
51	37.9	16.6	56.6	

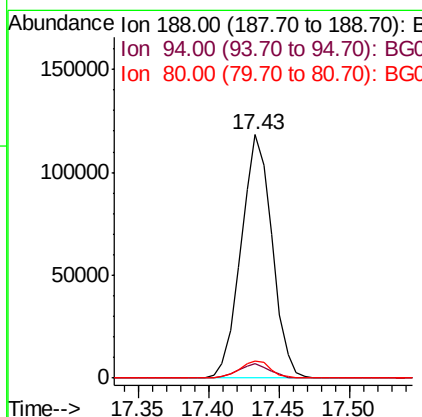
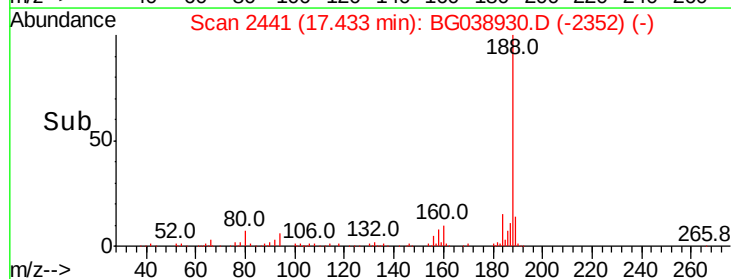
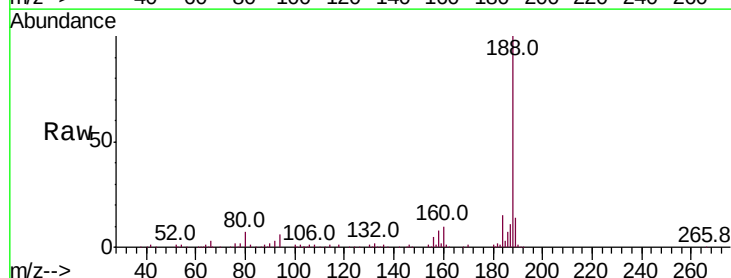
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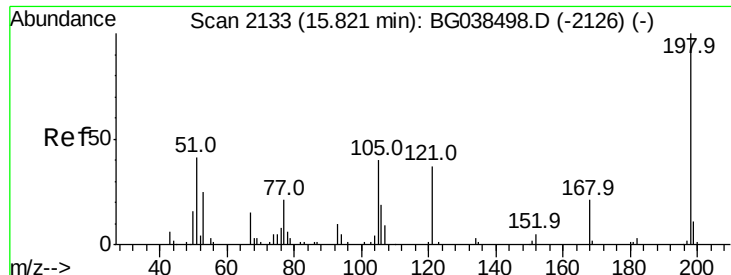
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	5.1	7.7	
80	6.8	6.1	9.1	





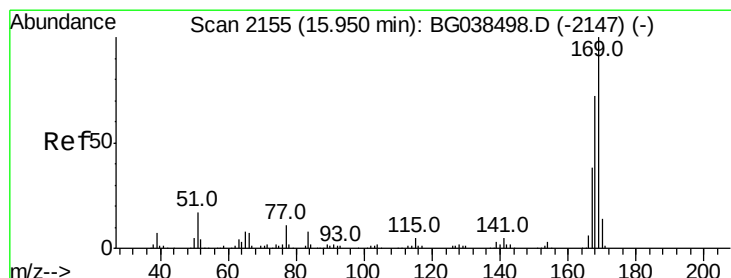
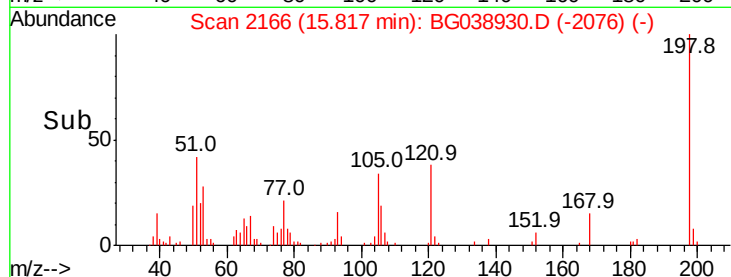
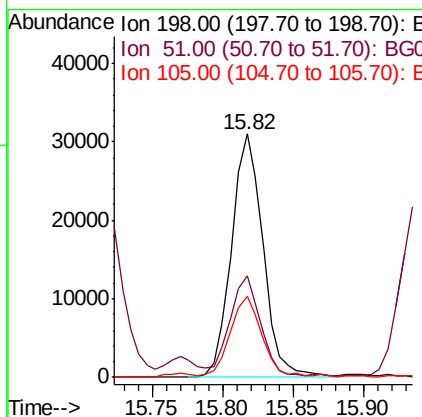
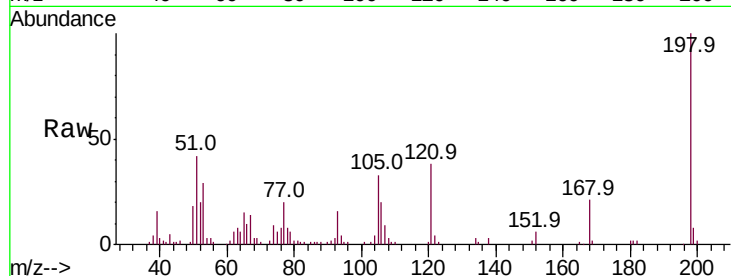
#65
4,6-Dinitro-2-methylphenol
Concen: 37.354 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	48409		
51	41.7		28.6	68.6
105	33.2		20.4	60.4

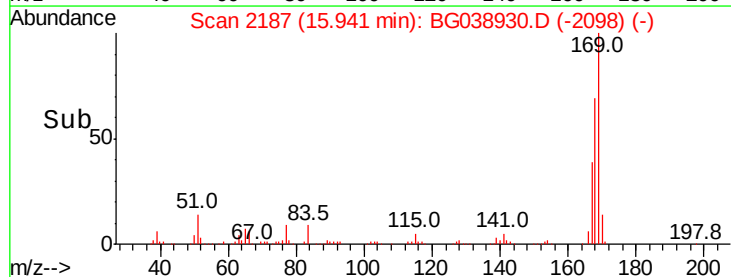
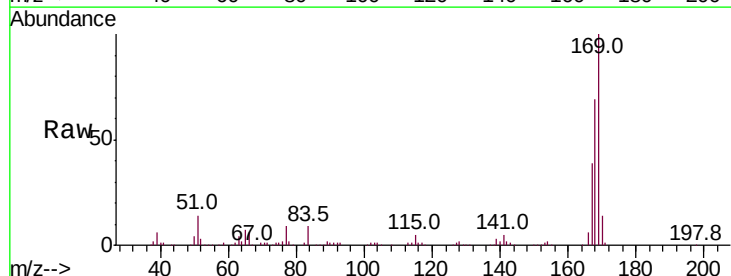
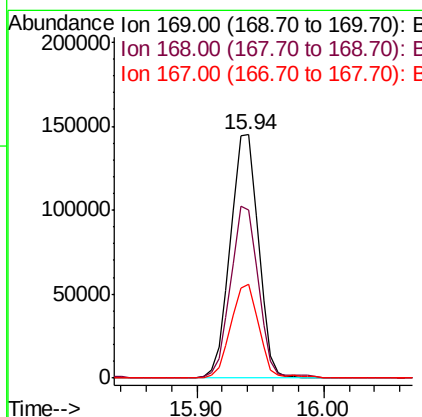
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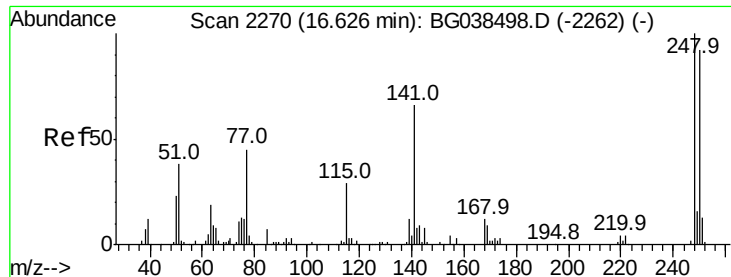
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.504 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221541		
168	68.9		57.5	86.3
167	38.7		30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 42.252 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

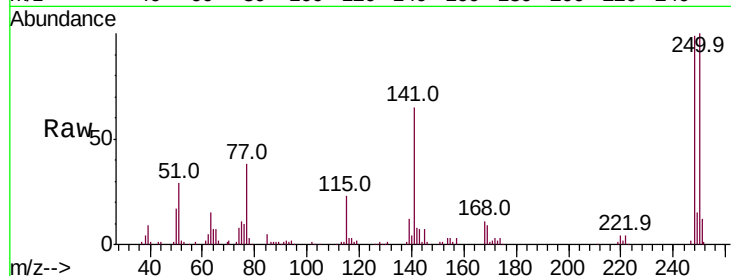
ClientSampled :

PB116158BS

Tot Ion:	248	Resp:	93745
Ion Ratio	Lower	Upper	
248	100		
250	100.7	73.4	110.2
141	66.0	52.9	79.3

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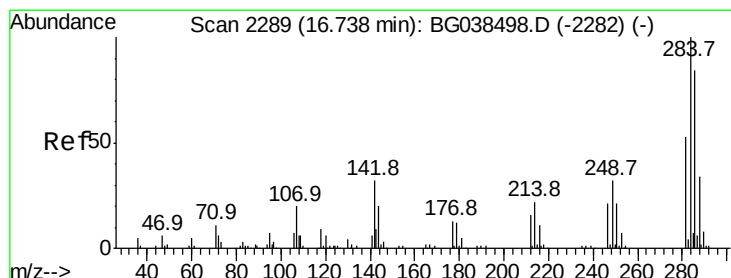
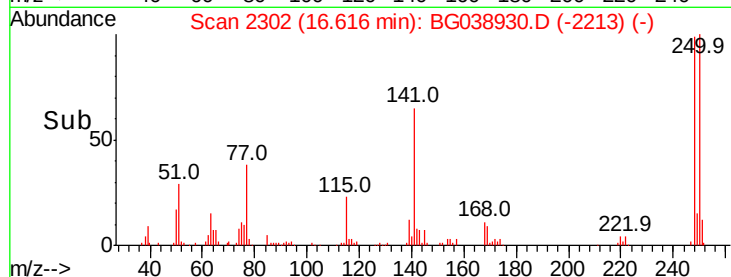
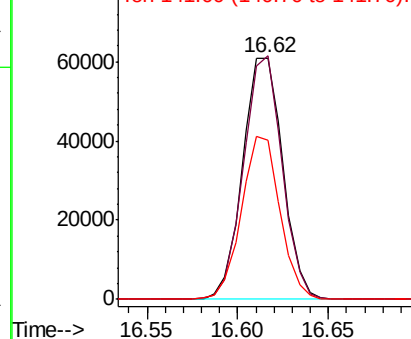


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.624 ng

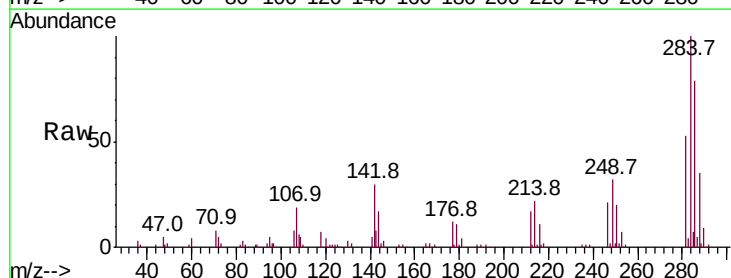
RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	284	Resp:	100333
Ion Ratio	Lower	Upper	
284	100		
142	29.6	25.8	38.6
249	34.0	27.0	40.4

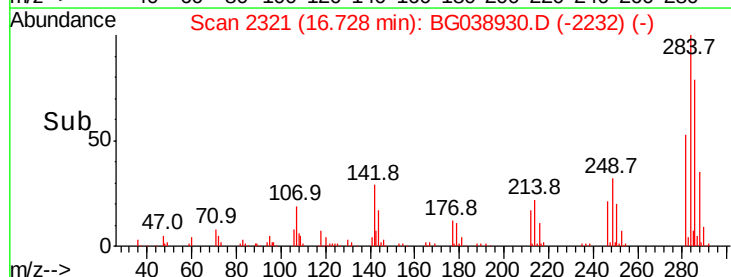
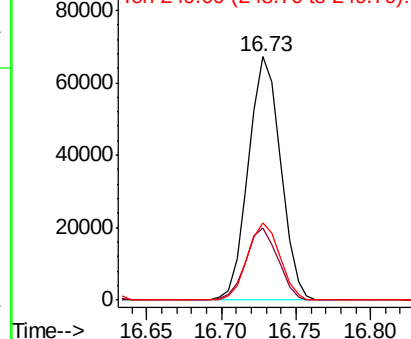


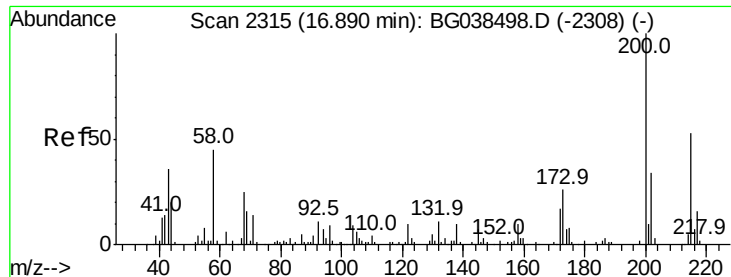
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





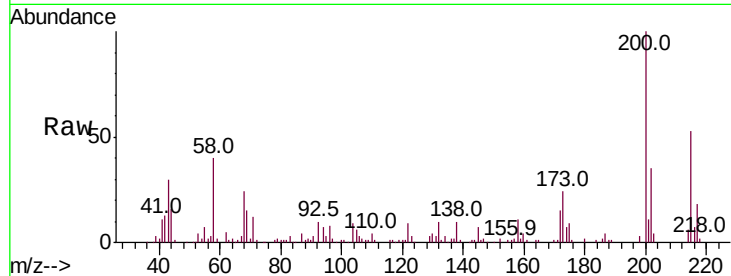
#69
Atrazine
Concen: 45.617 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

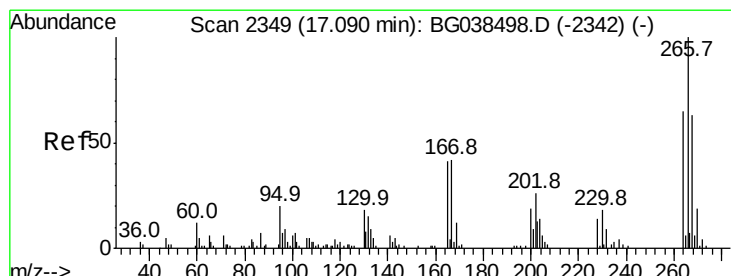
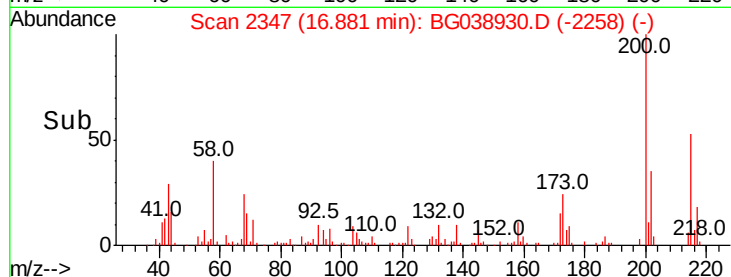
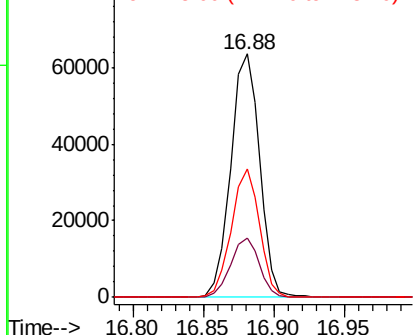
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.9	45.9
215	52.6	33.1	73.1

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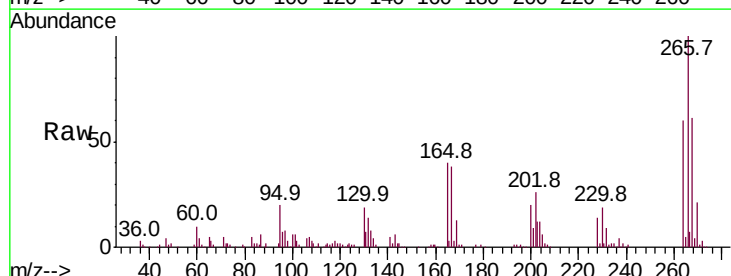


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

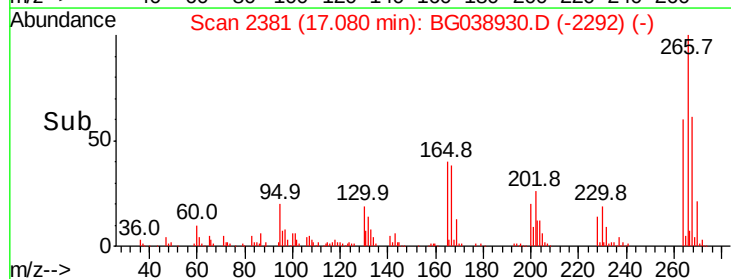
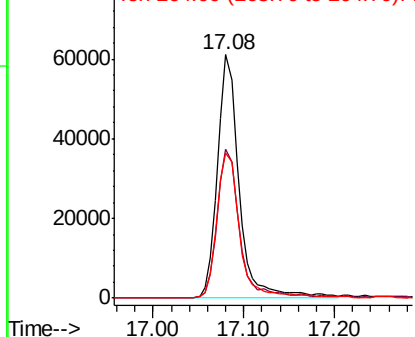


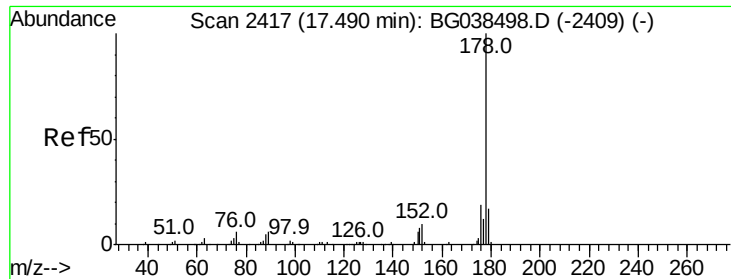
#70
Pentachlorophenol
Concen: 74.588 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	55.0	82.6
264	64.8	56.7	85.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.904 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

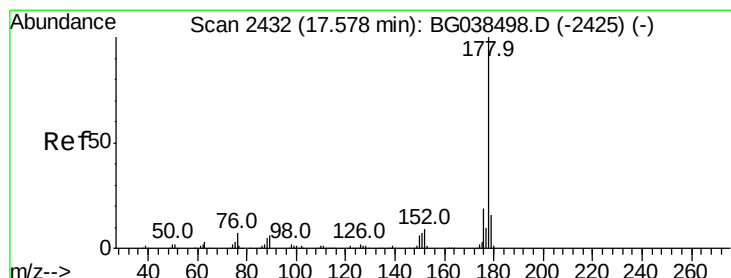
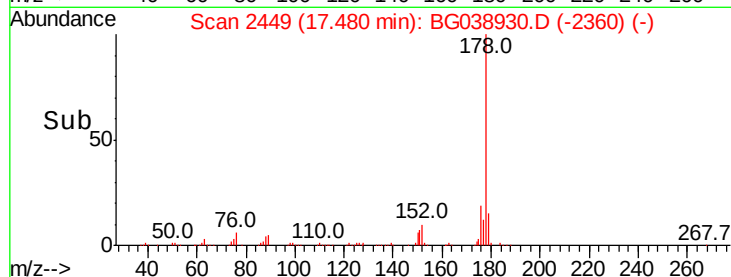
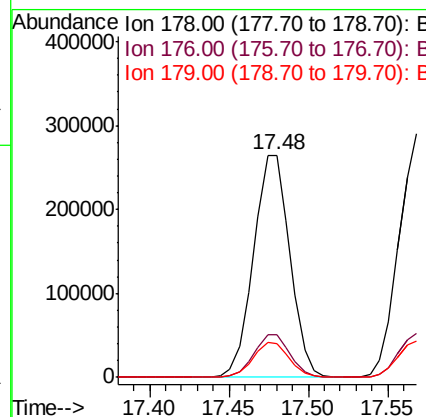
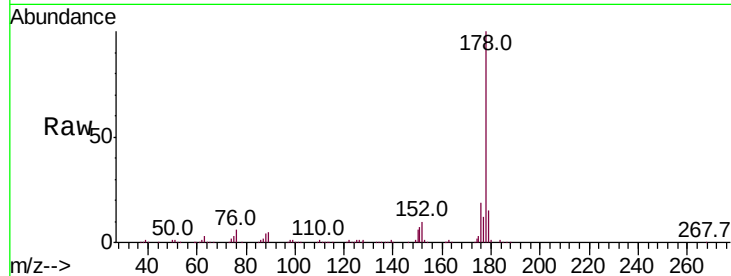
ClientSampleId :

PB116158BS

Tot Ion:	178	Resp:	423034
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.1	22.7
179	15.2	13.2	19.8

Manual Integrations
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#72

Anthracene

Concen: 46.097 ng

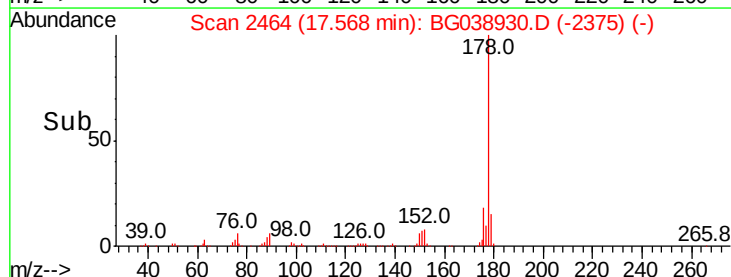
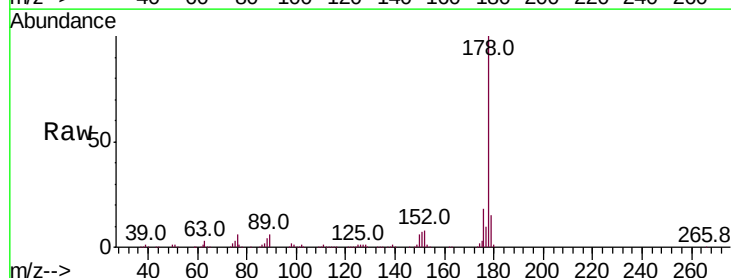
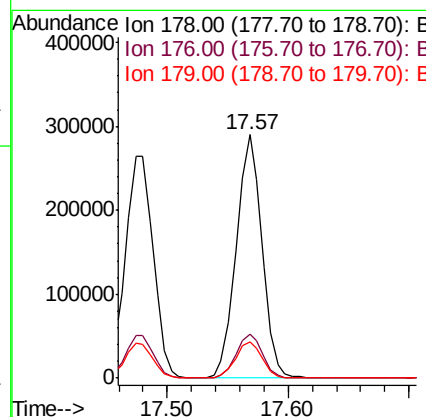
RT: 17.57 min Scan# 2464

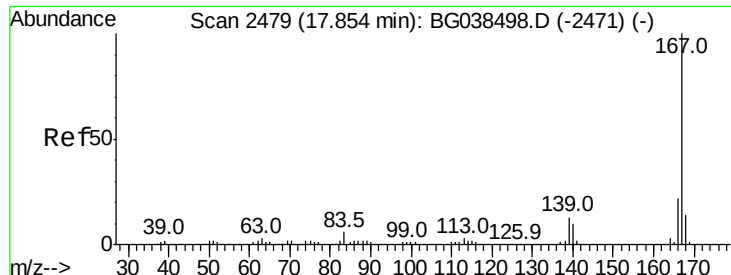
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	178	Resp:	428719
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.1	22.7
179	15.1	12.9	19.3





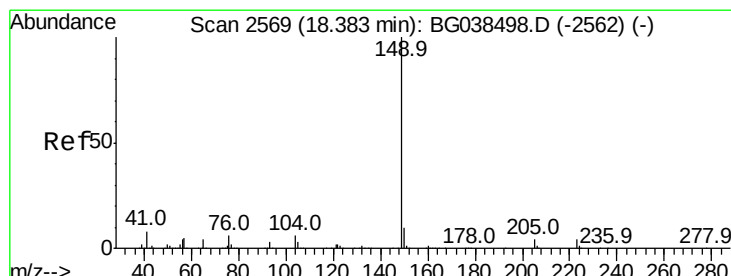
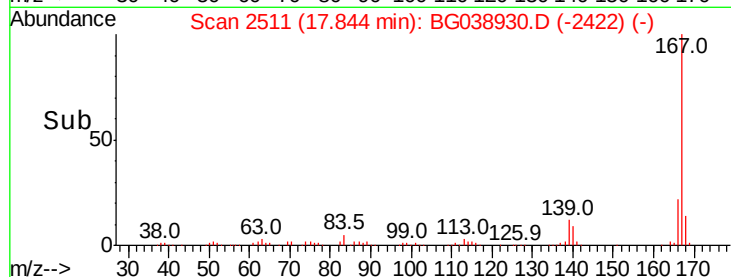
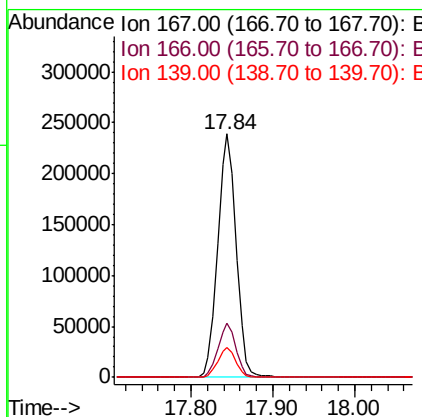
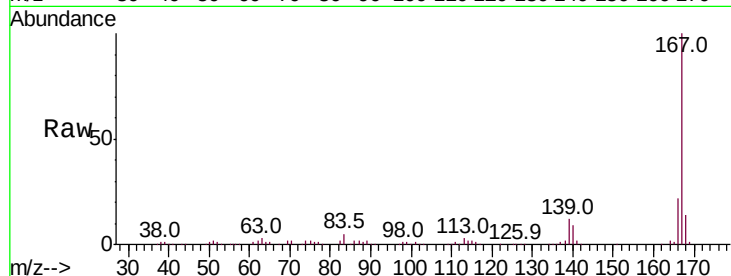
#73
 Carbazole
 Concen: 40.872 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.1	17.9	26.9	
139	12.2	10.2	15.2	

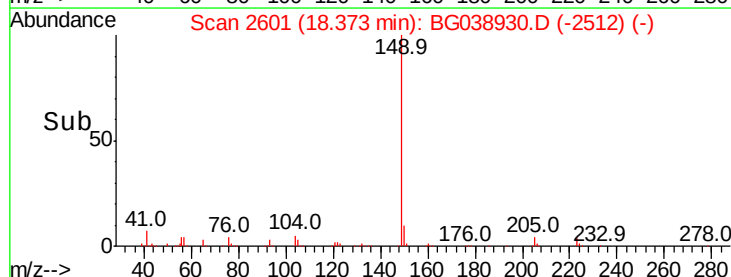
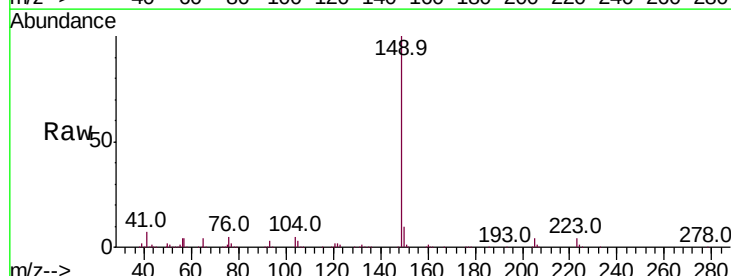
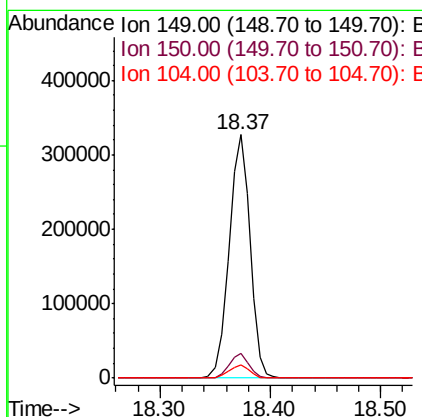
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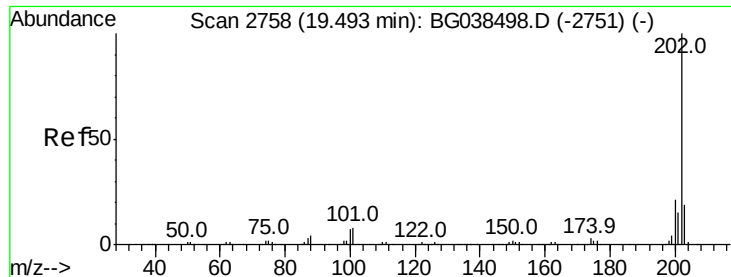
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.162 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.2	7.6	11.4	
104	5.4	5.0	7.4	





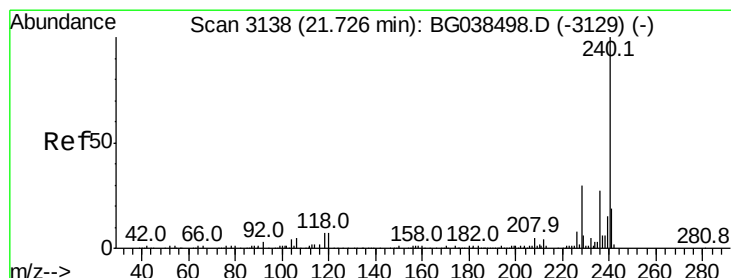
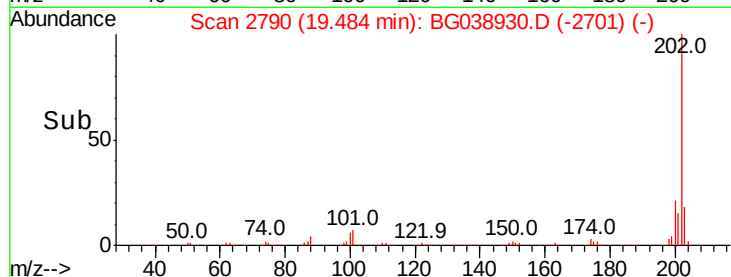
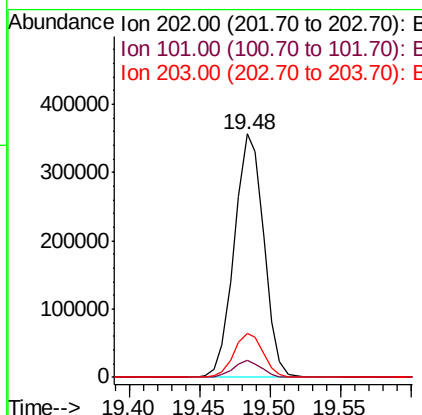
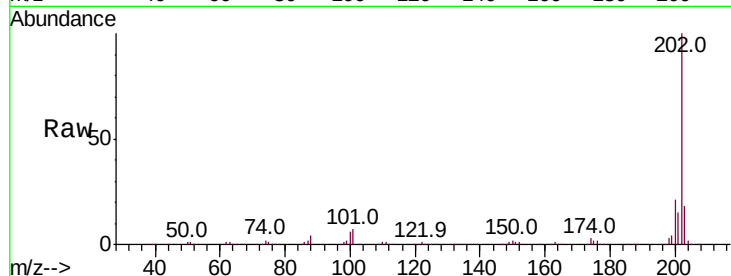
#75
 Fluoranthene
 Concen: 44.597 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	28.1
203	17.9	0.0	39.0

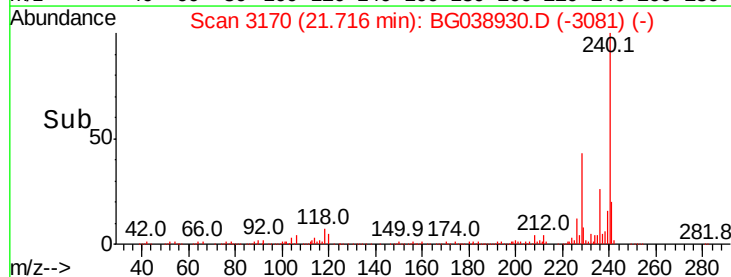
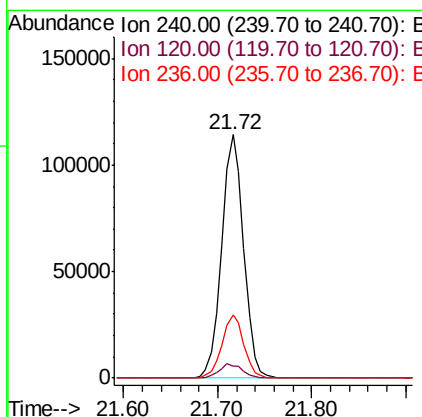
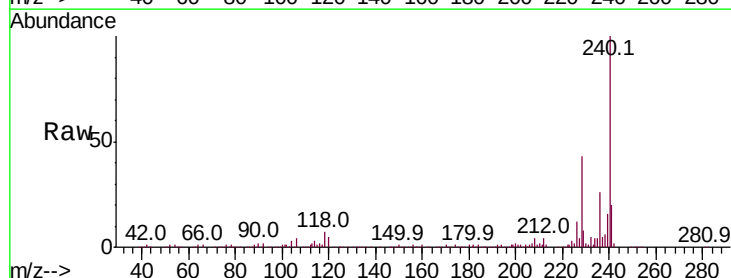
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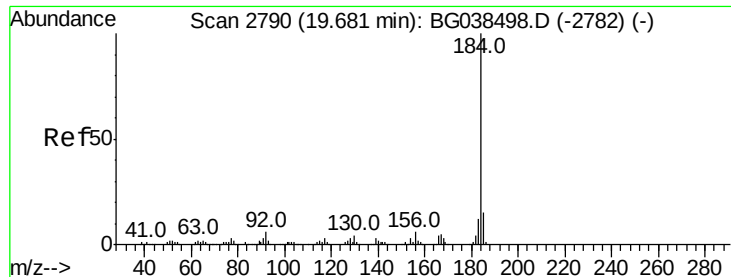
Sohil
 1/7/2019 12:48:08 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.2	5.3	7.9#
236	26.1	21.4	32.2





#77

Benzidine

Concen: 37.246 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

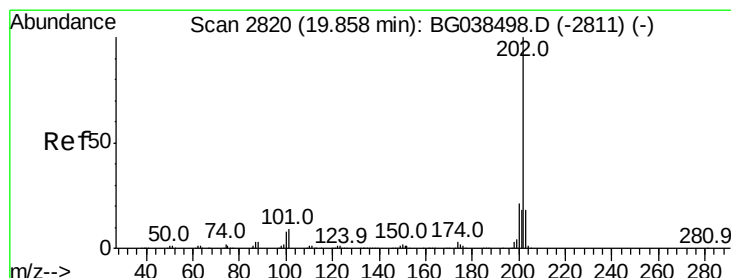
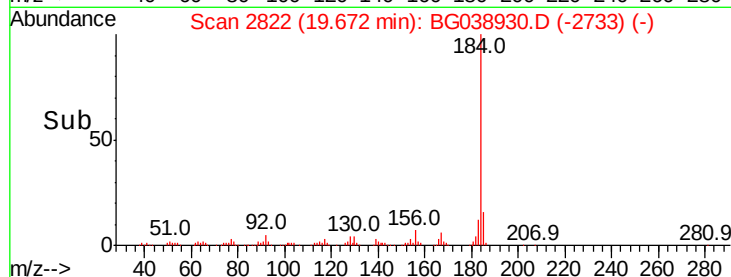
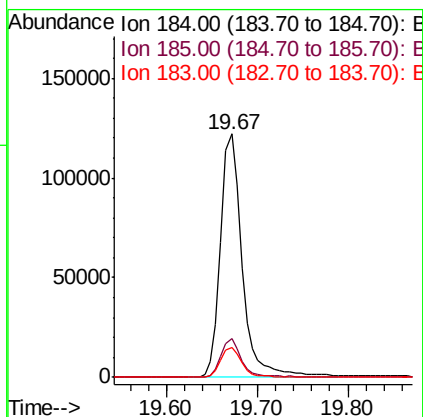
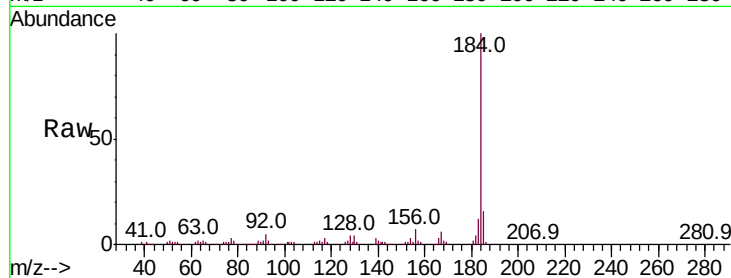
ClientSampleId :

PB116158BS

Tot Ion:	184	Resp:	204261
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	12.2	9.6	14.4

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#78

Pyrene

Concen: 42.297 ng

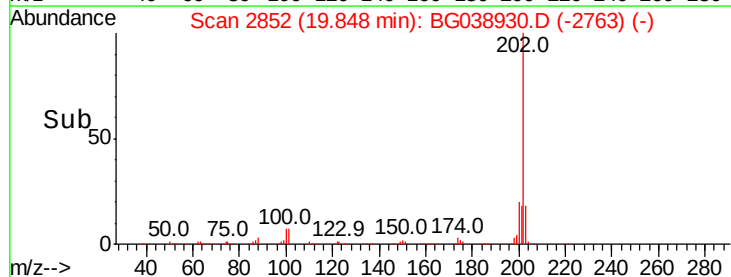
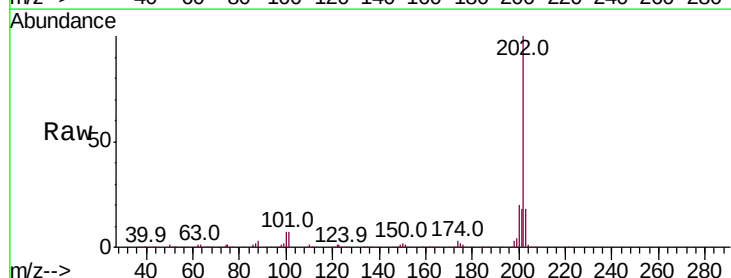
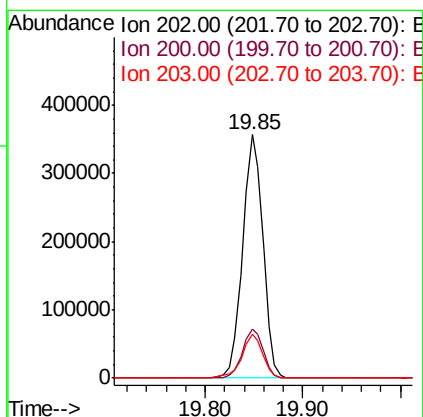
RT: 19.85 min Scan# 2852

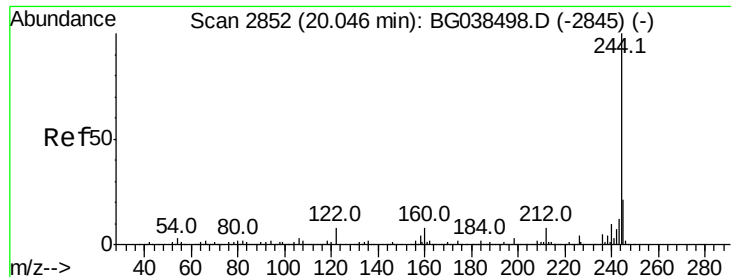
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	202	Resp:	518155
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	25.0
203	18.3	14.6	21.8





#79

Terphenyl-d14

Concen: 79.595 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

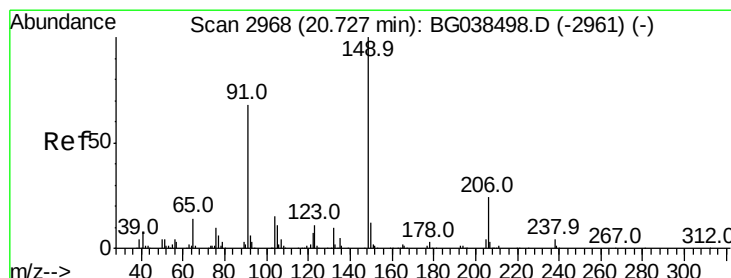
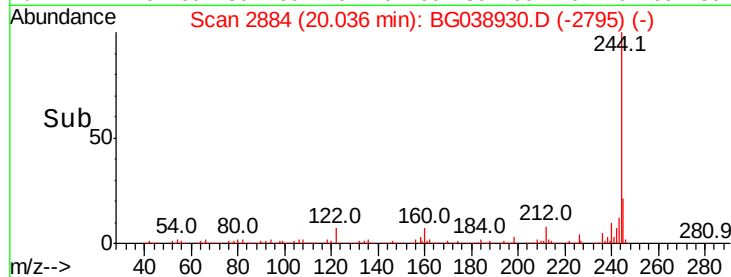
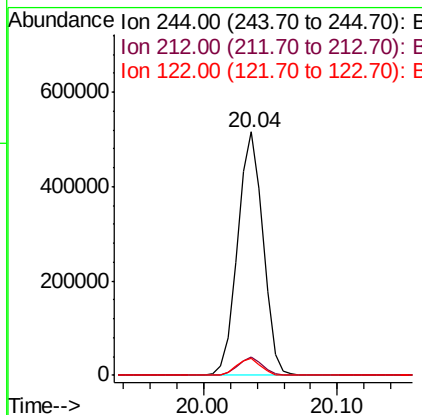
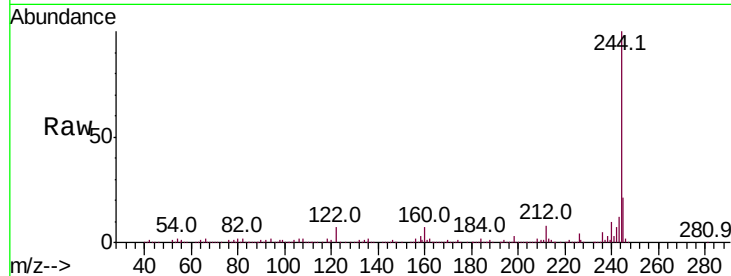
ClientSampleId :

PB116158BS

Tot Ion:	244	Resp:	678194
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.0	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 40.446 ng

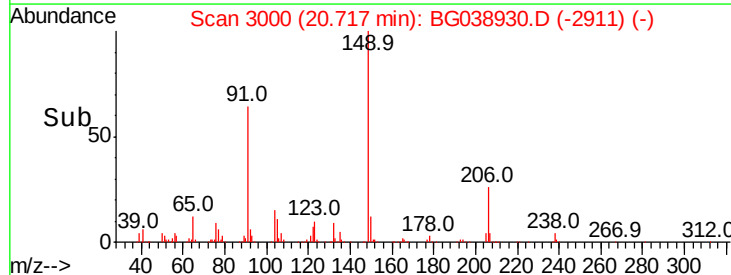
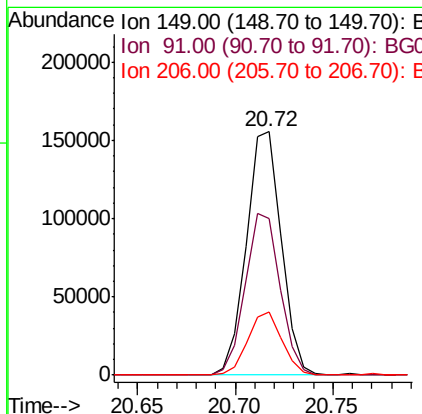
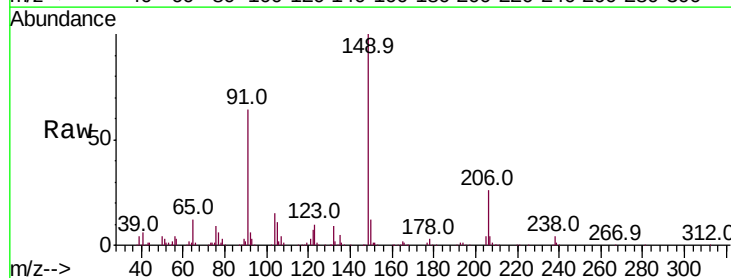
RT: 20.72 min Scan# 3000

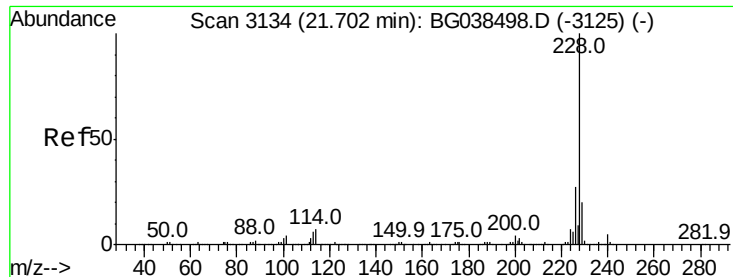
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	149	Resp:	193578
Ion Ratio	Lower	Upper	
149	100		
91	64.2	54.5	81.7
206	25.7	19.0	28.6





#81

Benzo(a)anthracene

Concen: 44.376 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

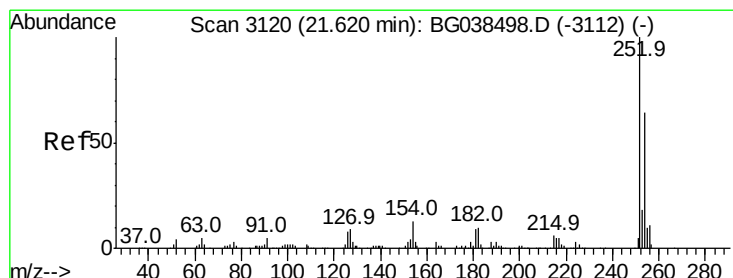
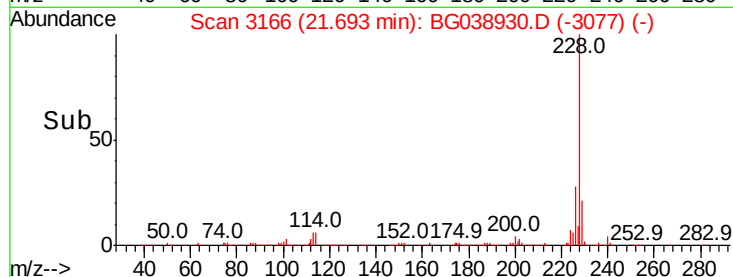
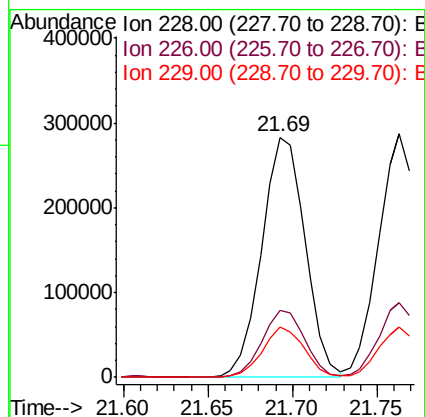
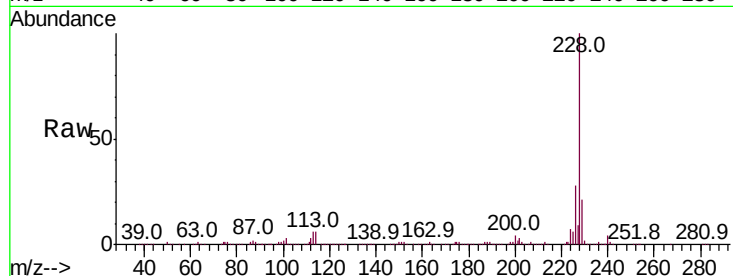
ClientSampleId :

PB116158BS

Tot Ion:	228	Resp:	501429
Ion Ratio		Lower	Upper
228	100		
226	28.0	21.8	32.8
229	21.0	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 31.769 ng

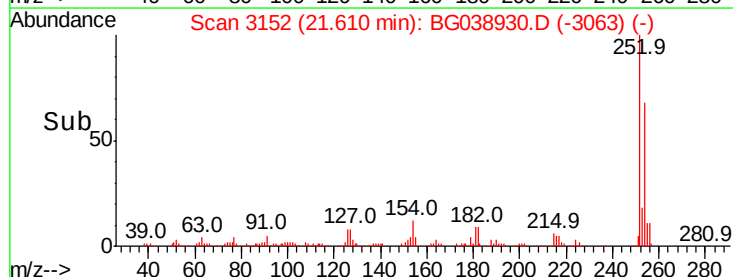
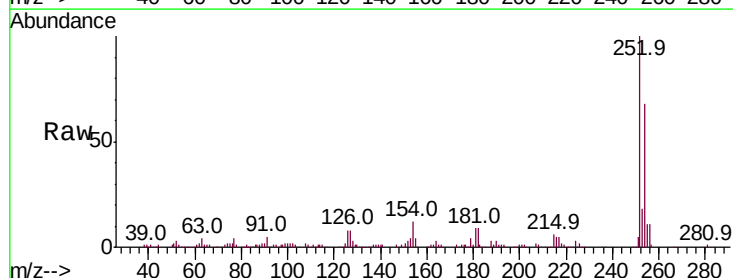
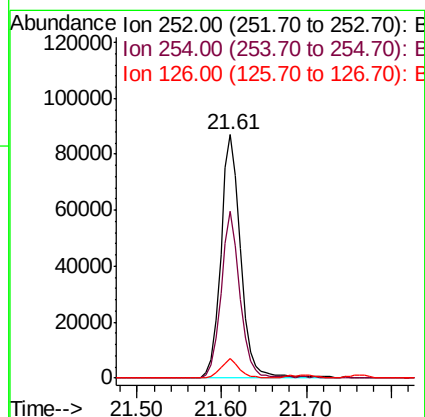
RT: 21.61 min Scan# 3152

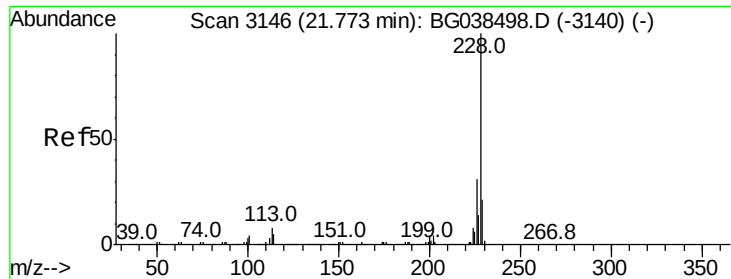
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	252	Resp:	142370
Ion Ratio		Lower	Upper
252	100		
254	68.3	50.9	76.3
126	8.3	6.3	9.5





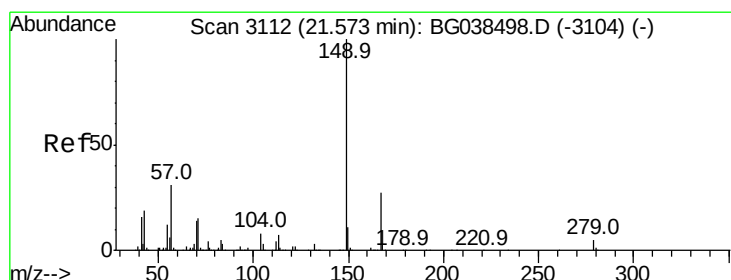
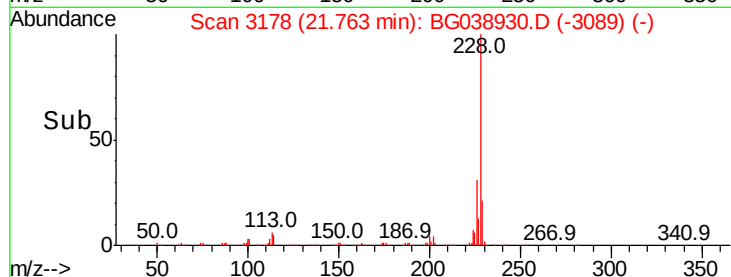
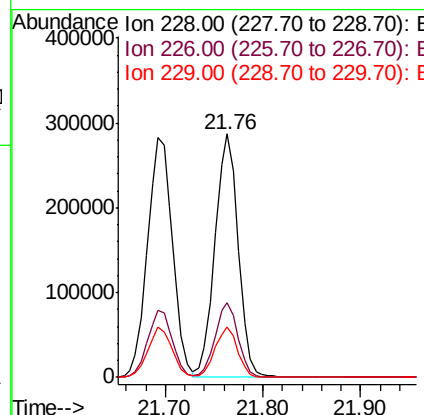
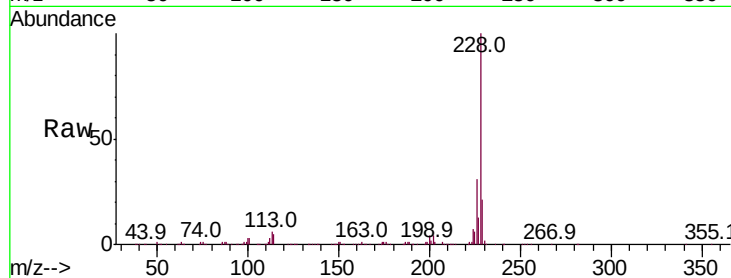
#83
 Chrysene
 Concen: 43.348 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.7	16.5	24.7

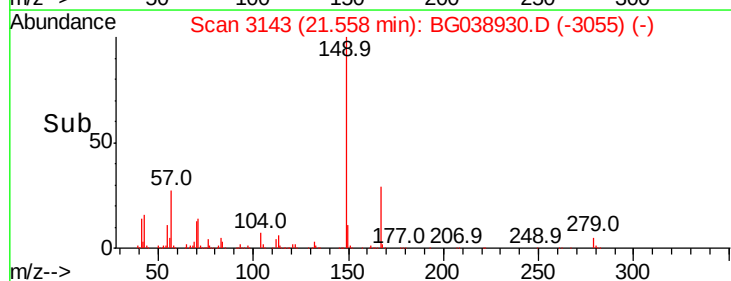
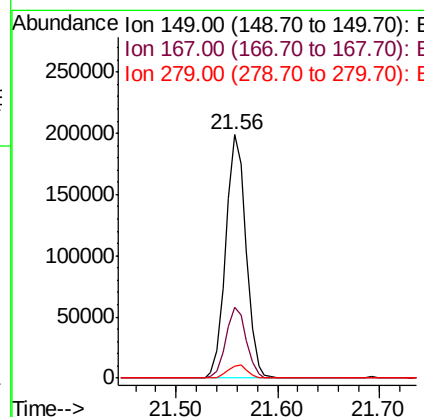
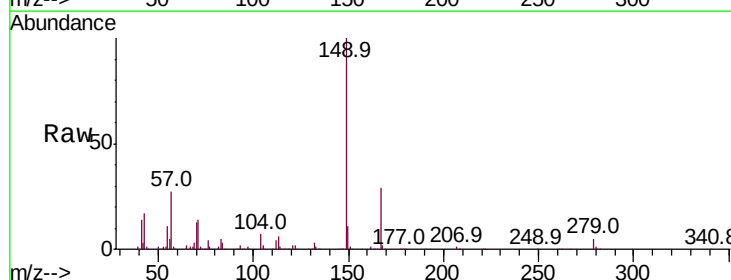
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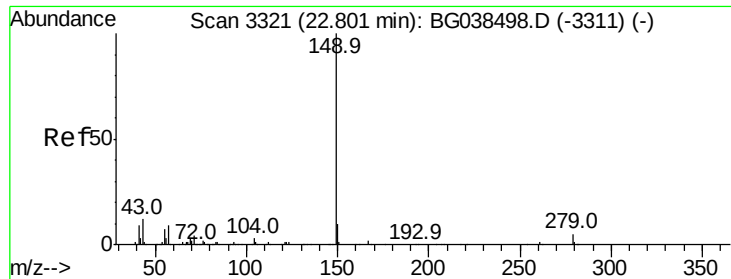
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.711 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.9	32.9
279	5.1	4.2	6.2





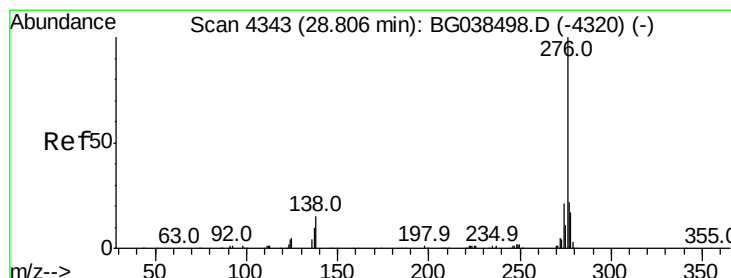
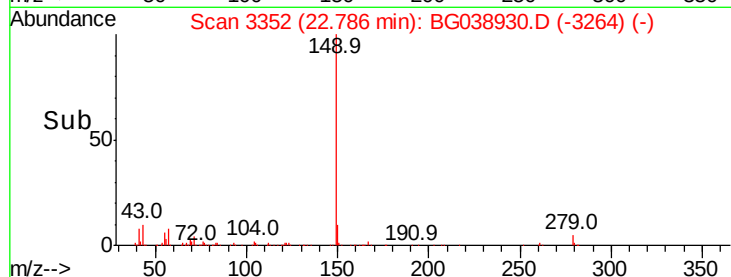
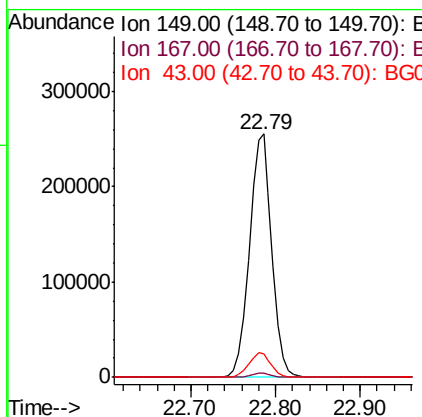
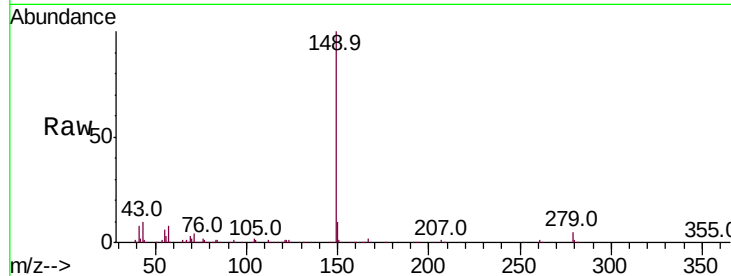
#85
Di-n-octyl phthalate
Concen: 41.131 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	467581		
167	1.7	1.2	1.8	
43	10.1	9.3	13.9	

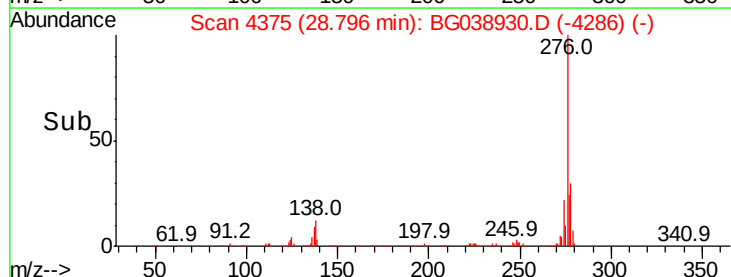
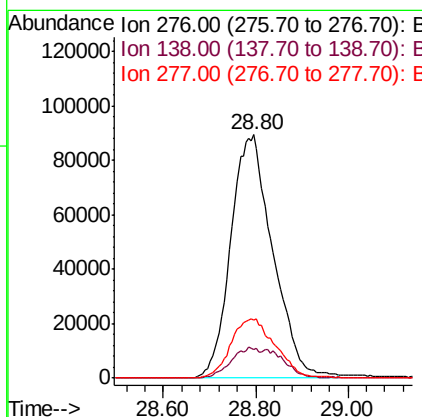
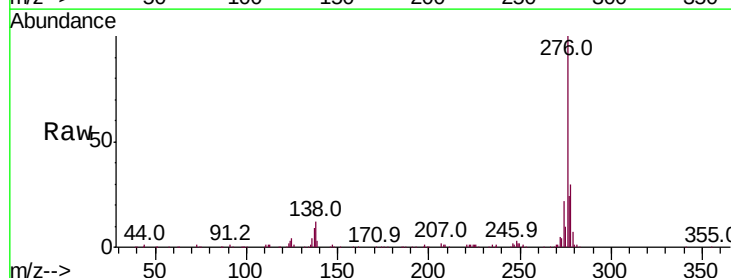
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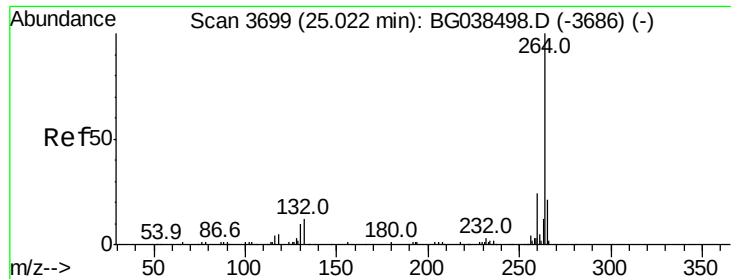
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.128 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	564640		
138	8.8	14.4	21.6#	
277	25.7	0.0	0.0#	





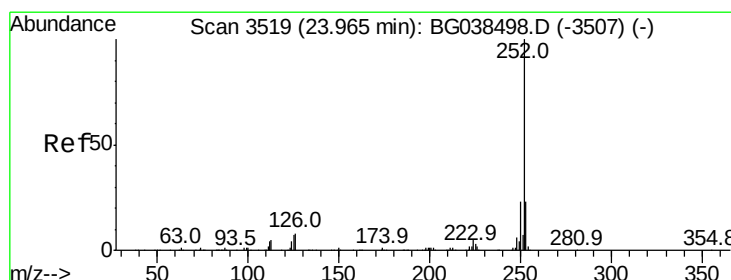
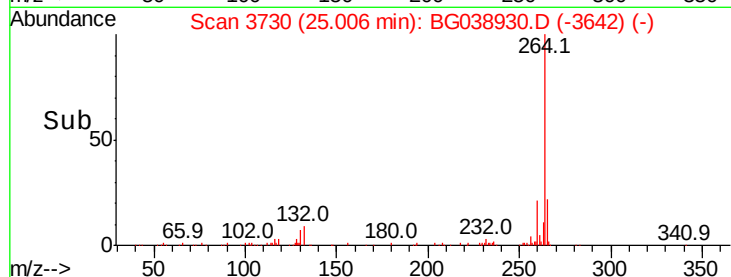
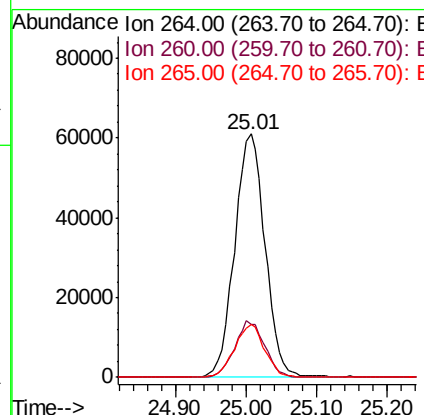
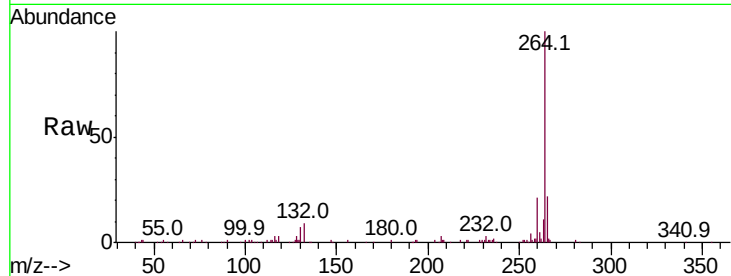
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	21.6	17.0	25.4

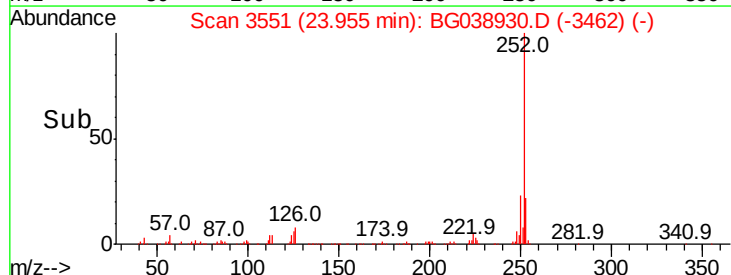
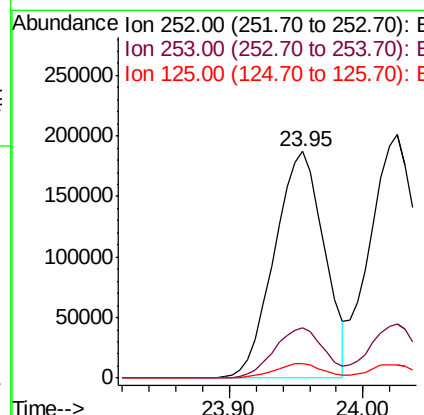
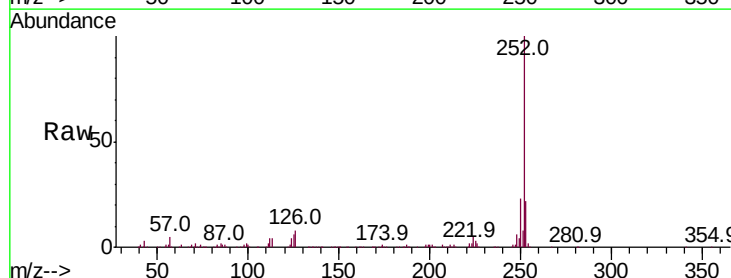
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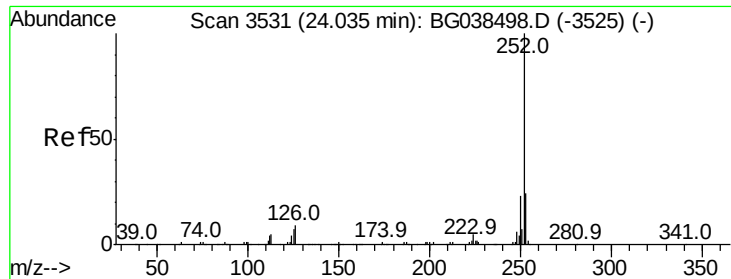
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#88
Benzo(b)fluoranthene
Concen: 48.483 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.1	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 49.364 ng

RT: 24.03 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

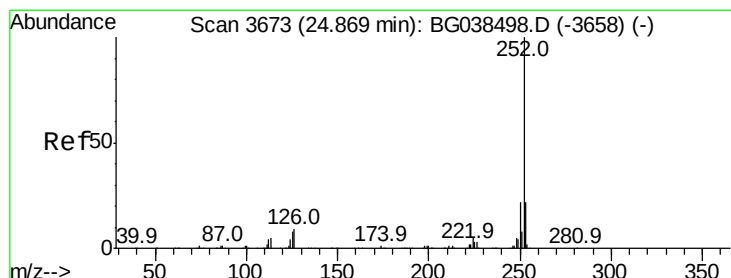
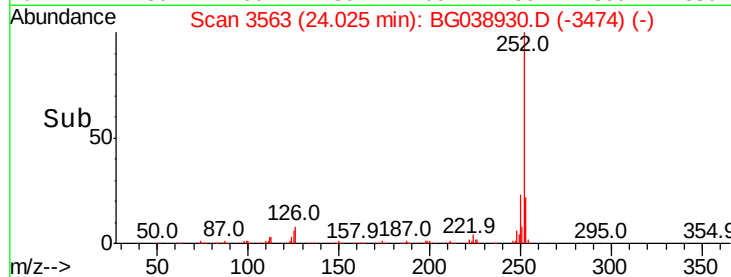
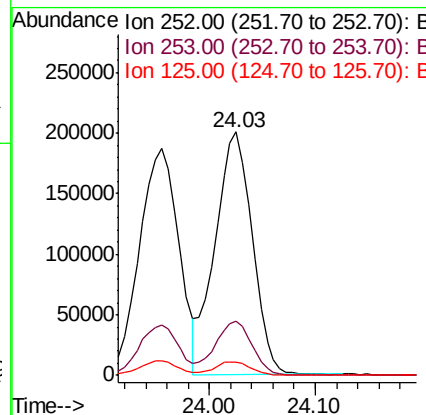
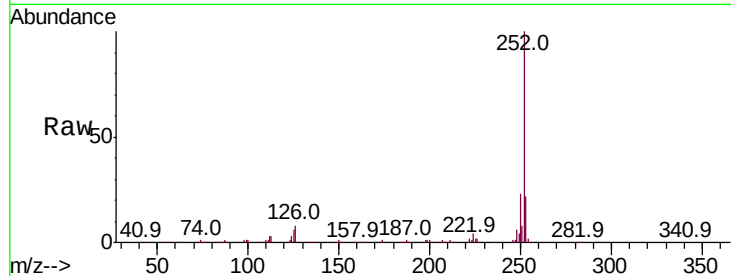
ClientSampled :

PB116158BS

Tot Ion:	252	Resp:	492155
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.9	28.3
125	5.5	5.4	8.2

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#90

Benzo(a)pyrene

Concen: 50.325 ng

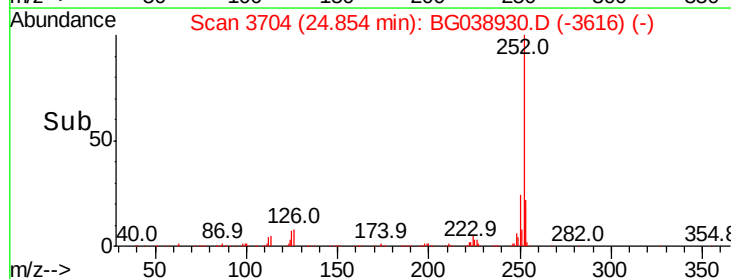
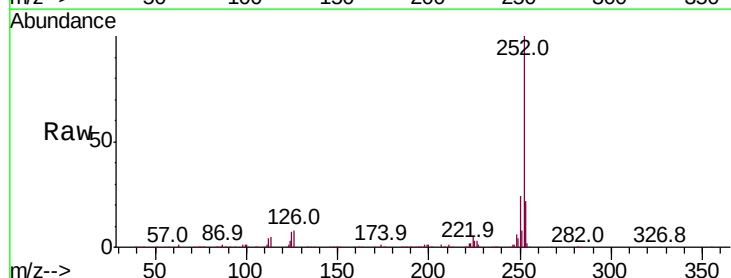
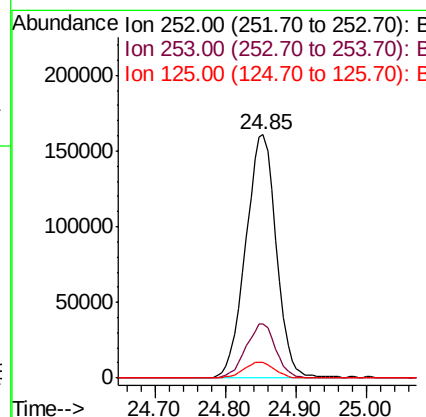
RT: 24.85 min Scan# 3704

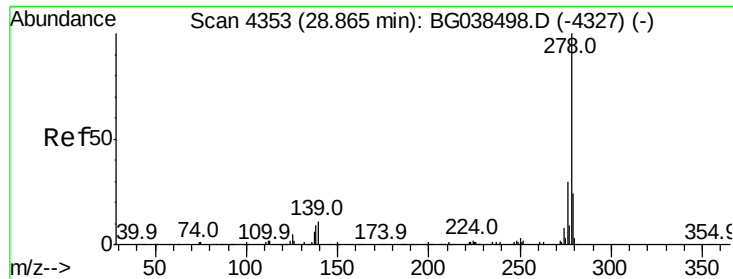
Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:	252	Resp:	486091
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	6.7	6.4	9.6





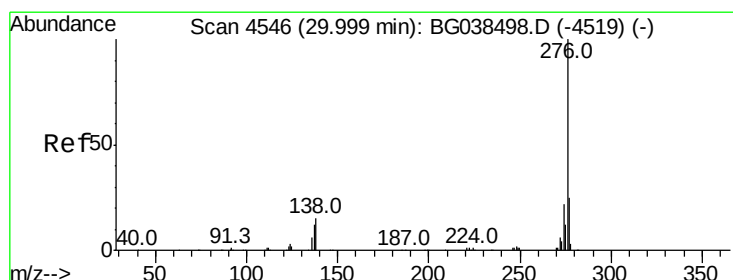
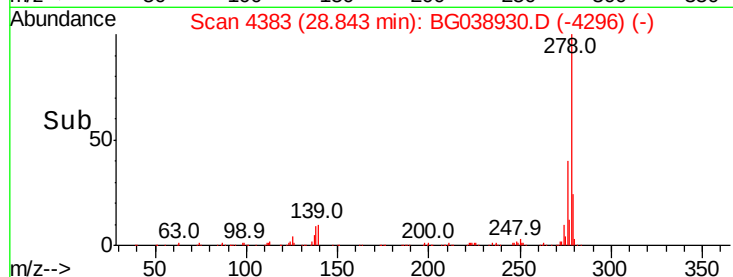
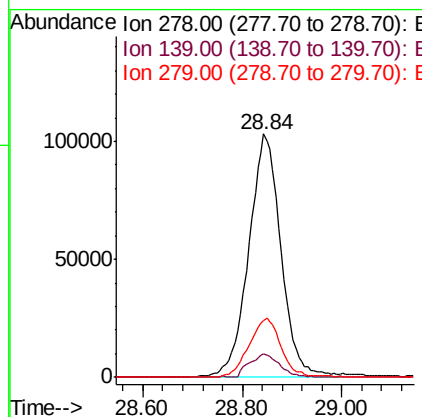
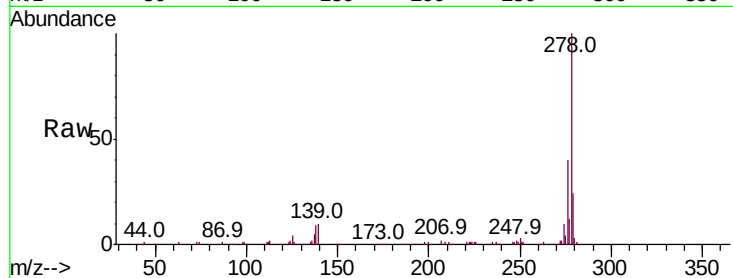
#91
Dibenzo(a,h)anthracene
Concen: 48.243 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116158BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.6	12.8
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.625 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	11.9	11.8	17.6

