

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036383.D
 Acq On : 23 Aug 2018 18:51
 Operator : JU/SJ
 Sample : PB112153BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 3:18:54 PM

Quant Time: Aug 24 03:40:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47276	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208134	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	135735	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	356435	20.00	ng	0.00
75) Chrysene-d12	21.71	240	382265	20.00	ng	0.00
86) Perylene-d12	24.93	264	404111	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	333176	111.79	ng	0.00
7) Phenol-d6	7.22	99	454335	106.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	254027	66.22	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	175266	108.21	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	617698	64.98	ng	0.00
78) Terphenyl-d14	20.04	244	1127624	68.95	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.54	88	50511	36.316	ng	96
3) Pyridine	3.93	79	142970	36.621	ng	98
4) n-Nitrosodimethylamine	3.85	42	73064	42.018	ng	99
6) Aniline	7.39	93	174701	32.255	ng	97
8) 2-Chlorophenol	7.63	128	141900	43.906	ng	96
9) Benzaldehyde	7.20	77	99308	33.797	ng	97
10) Phenol	7.25	94	196828	44.079	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	135991	38.414	ng	99
12) 1,3-Dichlorobenzene	7.96	146	144410	39.131	ng	99
13) 1,4-Dichlorobenzene	8.10	146	146133	39.221	ng	97
14) 1,2-Dichlorobenzene	8.42	146	136047	38.233	ng	99
15) Benzyl Alcohol	8.30	79	142866	41.533	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	266254	37.294	ng	98
17) 2-Methylphenol	8.50	107	131226	44.258	ng	98
18) Hexachloroethane	9.16	117	52065	38.975	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	116638	36.575	ng	97
20) 3+4-Methylphenols	8.83	107	178024	43.005	ng	99
22) Acetophenone	8.89	105	217085	39.719	ng	# 99
24) Nitrobenzene	9.27	77	166075	40.148	ng	99
25) Isophorone	9.80	82	329291	43.211	ng	98
26) 2-Nitrophenol	9.99	139	64814	39.540	ng	92
27) 2,4-Dimethylphenol	10.04	122	144716	47.686	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	191453	40.935	ng	100
29) 2,4-Dichlorophenol	10.52	162	148123	44.536	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	150168	38.595	ng	99
31) Naphthalene	10.93	128	435684	41.875	ng	99
32) Benzoic acid	10.16	122	87572	39.769	ng	99
33) 4-Chloroaniline	11.03	127	114169	23.946	ng	97
34) Hexachlorobutadiene	11.21	225	99740	38.154	ng	98
35) Caprolactam	11.79	113	59360m	44.802	ng	
36) 4-Chloro-3-methylphenol	12.14	107	167576	43.362	ng	98
37) 2-Methylnaphthalene	12.53	142	338391	44.449	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	186161	38.755	ng	97
40) Hexachlorocyclopentadiene	12.88	237	233145	93.285	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	122314	41.802	ng	98
43) 2,4,5-Trichlorophenol	13.20	196	138386	44.341	ng	97
45) 1,1'-Biphenyl	13.53	154	436898	38.776	ng	98
46) 2-Chloronaphthalene	13.57	162	332833	38.695	ng	99
47) 2-Nitroaniline	13.77	65	115117	42.620	ng	98
48) Acenaphthylene	14.42	152	566319	42.128	ng	99
49) Dimethylphthalate	14.15	163	458047	41.327	ng	98
50) 2,6-Dinitrotoluene	14.26	165	95613	41.923	ng	98
51) Acenaphthene	14.76	154	368536	42.807	ng	99
52) 3-Nitroaniline	14.59	138	72921	29.670	ng	98
53) 2,4-Dinitrophenol	14.79	184	68468	79.257	ng	98
54) Dibenzofuran	15.09	168	536290	39.761	ng	98
55) 4-Nitrophenol	14.89	139	173395	86.287	ng	98
56) 2,4-Dinitrotoluene	15.05	165	134762	45.338	ng	90
57) Fluorene	15.74	166	432664	42.910	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.31	232	137765	46.982	ng	97
59) Diethylphthalate	15.51	149	465410	41.667	ng	100
60) 4-Chlorophenyl-phenylether	15.74	204	244153	39.214	ng	99
61) 4-Nitroaniline	15.75	138	112126	43.597	ng	97
62) Azobenzene	16.03	77	457692	40.272	ng	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	58329	37.253	ng	98
65) n-Nitrosodiphenylamine	15.95	169	405855	38.321	ng	98
66) 4-Bromophenyl-phenylether	16.63	248	162403	38.916	ng	97
67) Hexachlorobenzene	16.74	284	164477	38.545	ng	98
68) Atrazine	16.89	200	172582	43.414	ng	100
69) Pentachlorophenol	17.08	266	211324	72.867	ng	97
70) Phenanthrene	17.48	178	764285	42.199	ng	98
71) Anthracene	17.57	178	769634	42.630	ng	99
72) Carbazole	17.83	167	710277	39.394	ng	98
73) Di-n-butylphthalate	18.40	149	828103	41.244	ng	99
74) Fluoranthene	19.49	202	965929	43.743	ng	100
76) Benzidine	19.66	184	503263	41.265	ng	100
77) Pyrene	19.84	202	953292	40.553	ng	99
79) Butylbenzylphthalate	20.74	149	384424	41.092	ng	97
80) Benzo(a)anthracene	21.69	228	976158	42.152	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	199771	21.645	ng	97
82) Chrysene	21.75	228	898150	40.916	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	534039	40.794	ng	100
84) Di-n-octyl phthalate	22.83	149	907864	41.519	ng	98
85) Indeno(1,2,3-cd)pyrene	28.60	276	1125707	44.153	ng	99
87) Benzo(b)fluoranthene	23.91	252	994911	44.336	ng	98
88) Benzo(k)fluoranthene	23.98	252	911369	41.571	ng	98
89) Benzo(a)pyrene	24.78	252	948968	44.008	ng	99
90) Dibenzo(a,h)anthracene	28.66	278	907052	43.572	ng	98
91) Benzo(g,h,i)perylene	29.74	276	925904	44.260	ng	98

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



#1

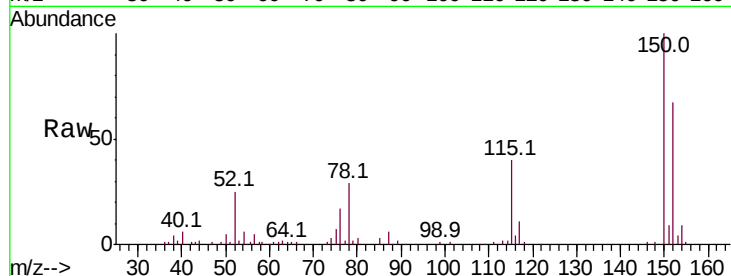
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	59.7	44.5	66.7

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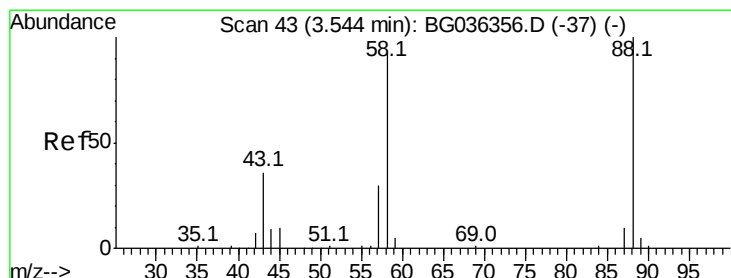
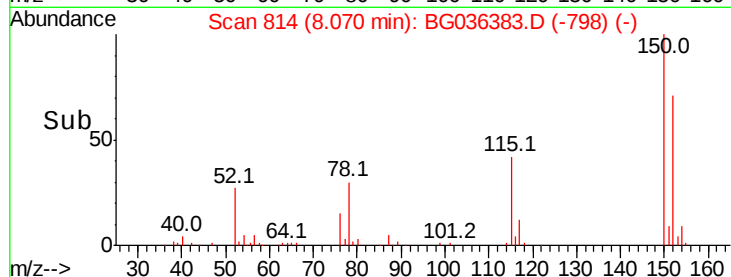
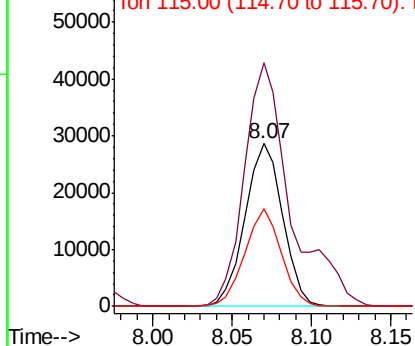


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

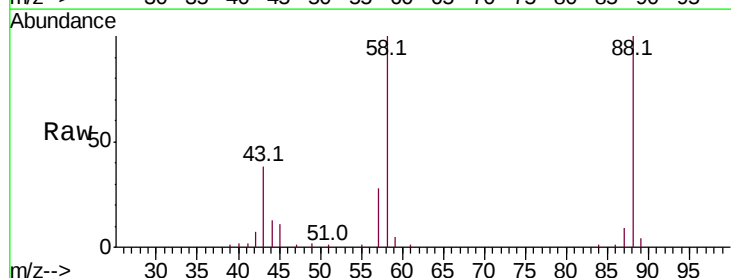
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.316 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	72.6	109.0
43	34.9	29.0	43.4

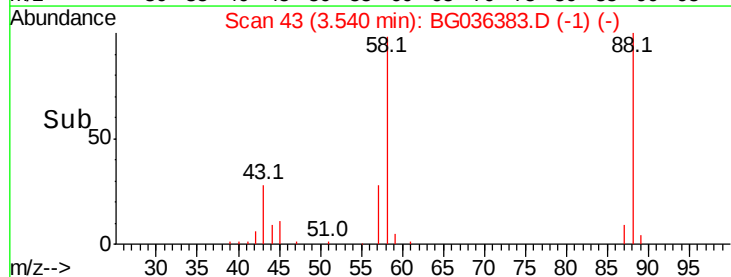
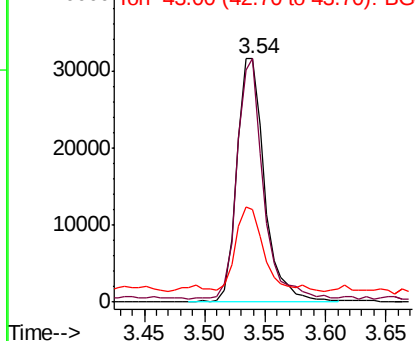


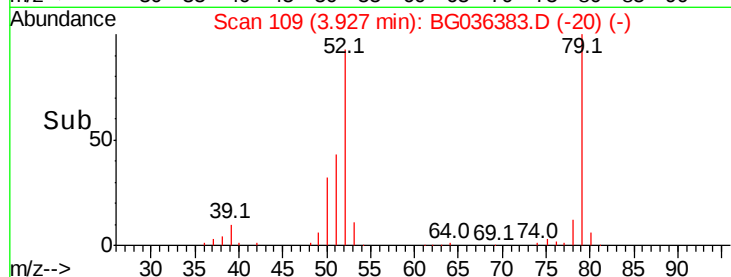
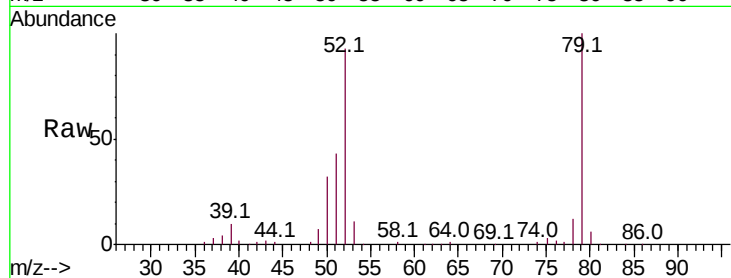
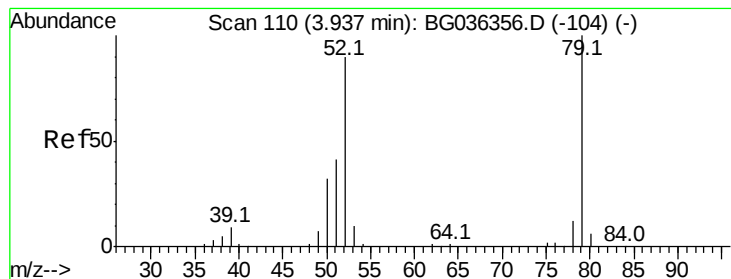
Abundance

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: 36.621 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tot Ion:	79	Resp:	142970
Ion Ratio	Lower	Upper	
79	100		
52	93.0	72.3	108.5
51	42.7	33.8	50.6

Instrument :

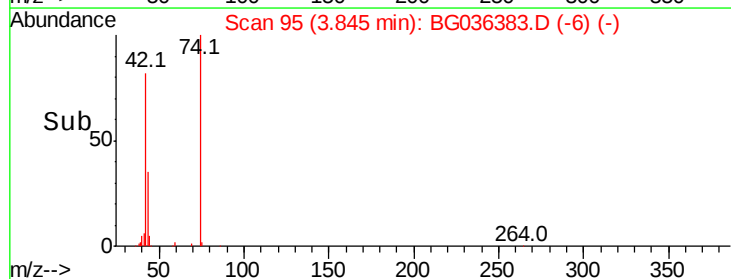
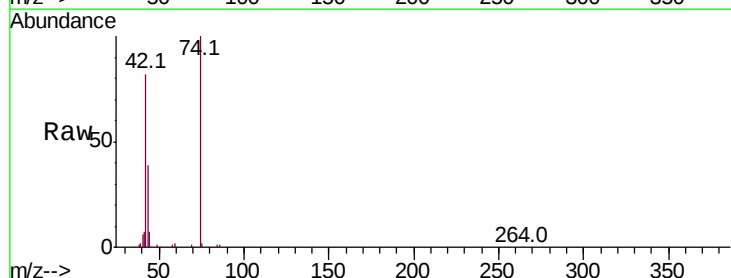
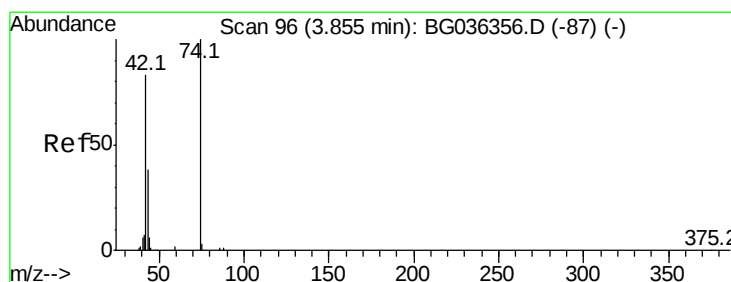
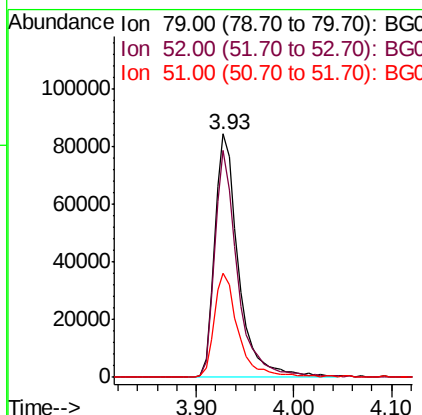
BNA_G

ClientSampled :

PB112153BS

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#4

n-Nitrosodimethylamine

Concen: 42.018 ng

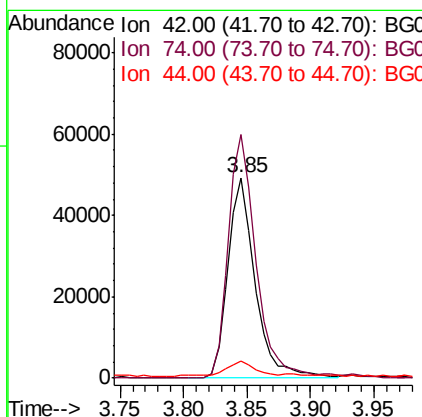
RT: 3.85 min Scan# 95

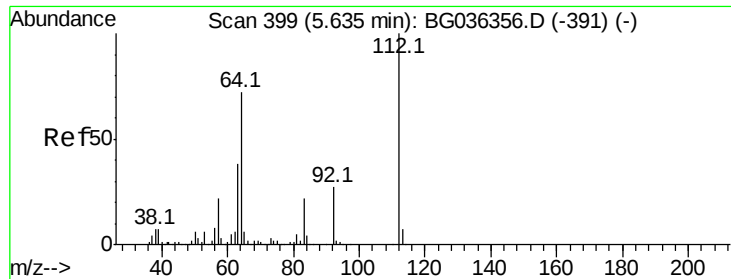
Delta R.T. -0.01 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	42	Resp:	73064
Ion Ratio	Lower	Upper	
42	100		
74	121.6	96.6	145.0
44	8.4	7.0	10.4





#5

2-Fluorophenol

Concen: 111.794 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

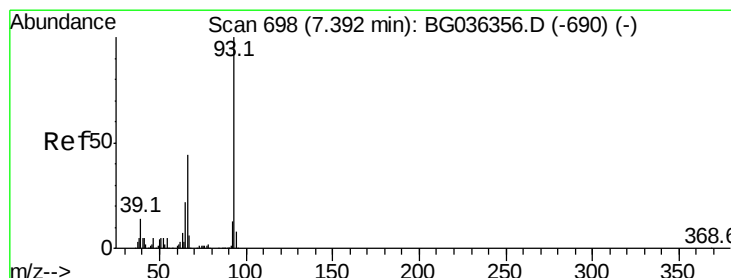
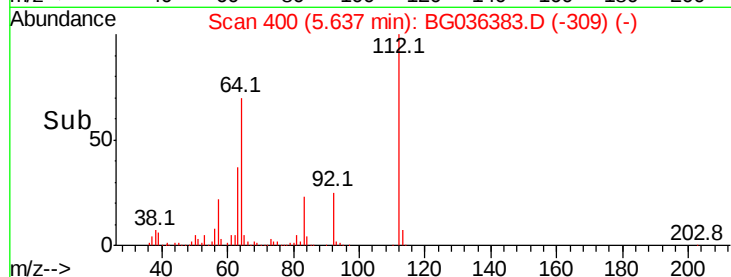
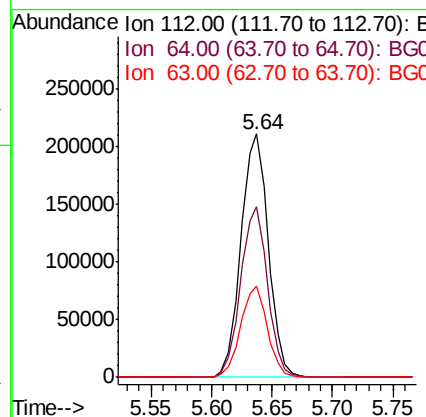
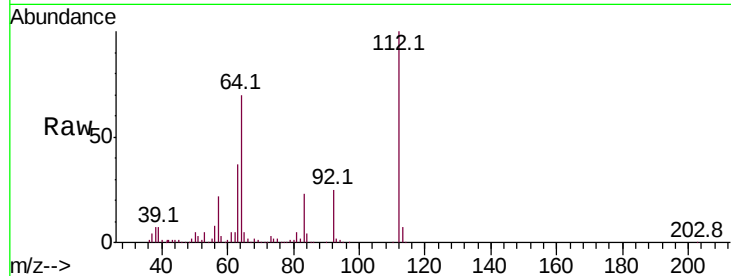
ClientSampleId :

PB112153BS

Tot Ion:	112	Resp:	333176
Ion Ratio	Lower	Upper	
112	100		
64	70.0	57.2	85.8
63	37.4	30.8	46.2

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#6

Aniline

Concen: 32.255 ng

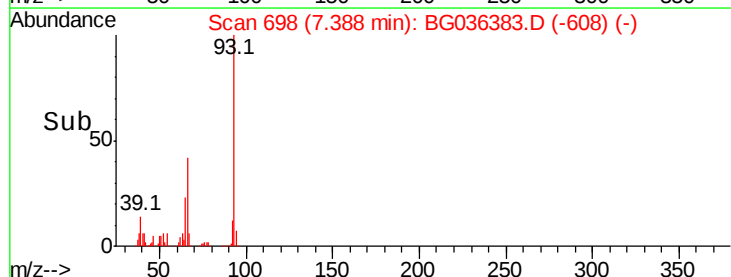
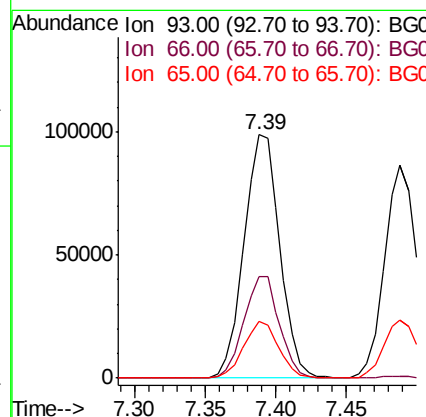
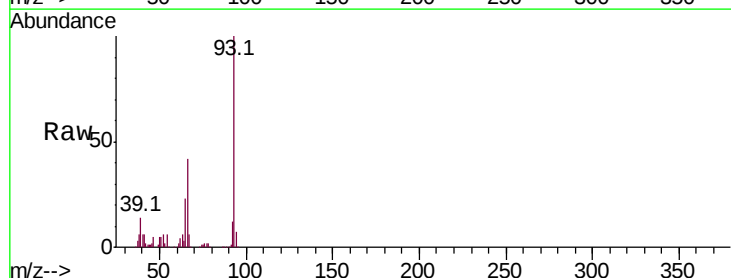
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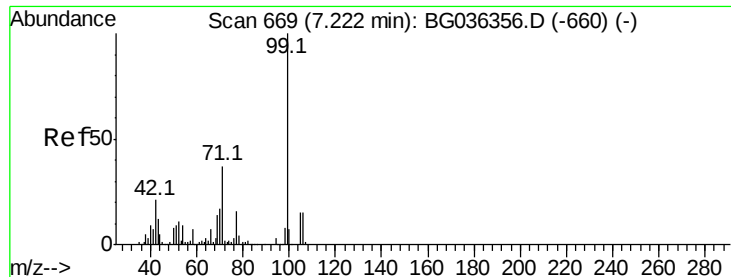
Delta R.T. -0.00 min

Lab File: BG036383.D

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Tgt Ion:	93	Resp:	174701
Ion Ratio	Lower	Upper	
93	100		
66	41.8	35.0	52.4
65	23.5	17.6	26.4





#7

Phenol-d6

Concen: 106.476 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

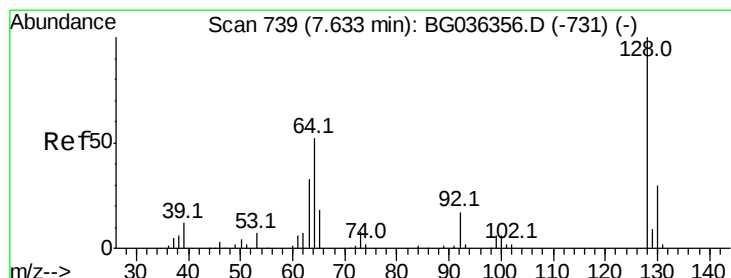
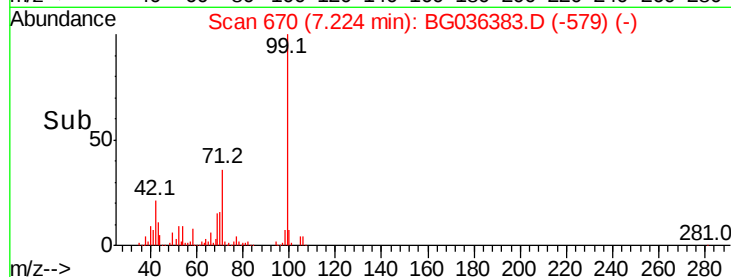
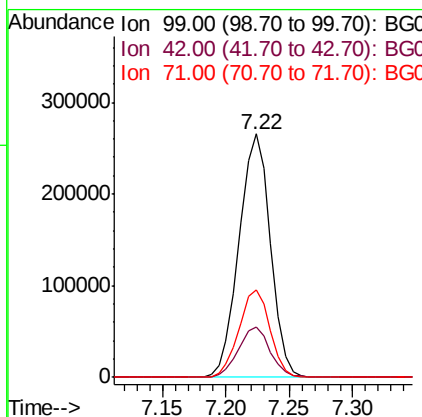
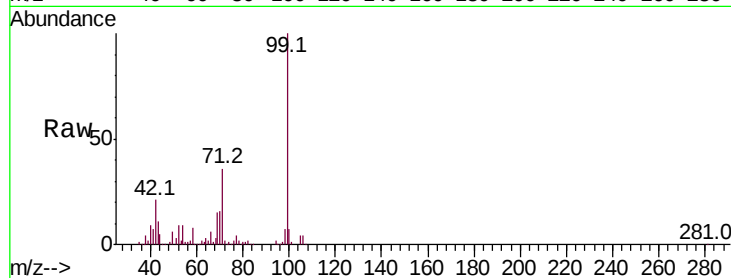
ClientSampleId :

PB112153BS

Tot Ion:	99	Resp:	454335
Ion Ratio	Lower	Upper	
99	100		
42	20.9	16.5	24.7
71	36.1	29.4	44.2

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#8

2-Chlorophenol

Concen: 43.906 ng

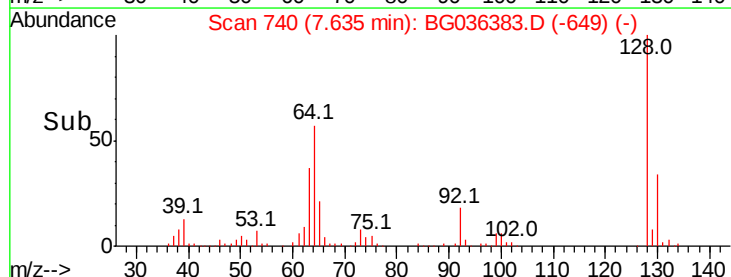
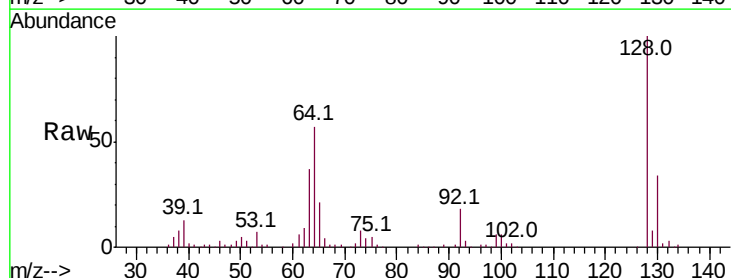
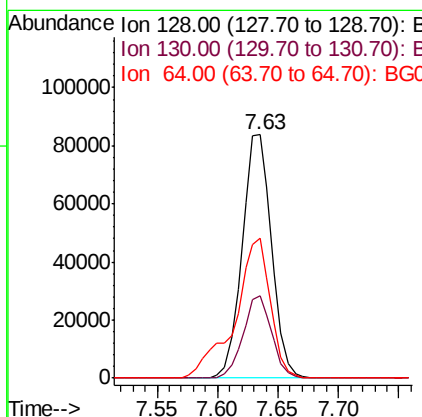
RT: 7.63 min Scan# 740

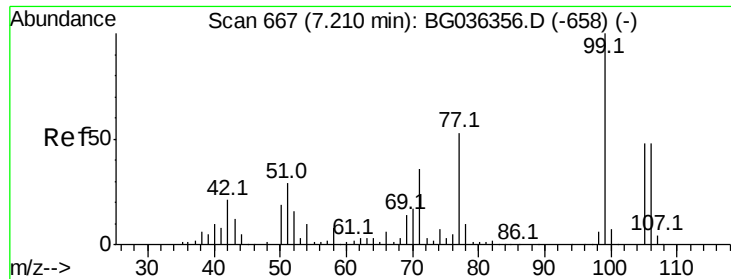
Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	128	Resp:	141900
Ion Ratio	Lower	Upper	
128	100		
130	33.7	10.0	50.0
64	57.3	36.0	76.0





#9

Benzaldehyde

Concen: 33.797 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

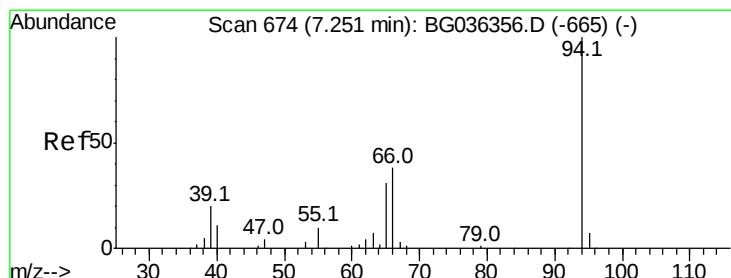
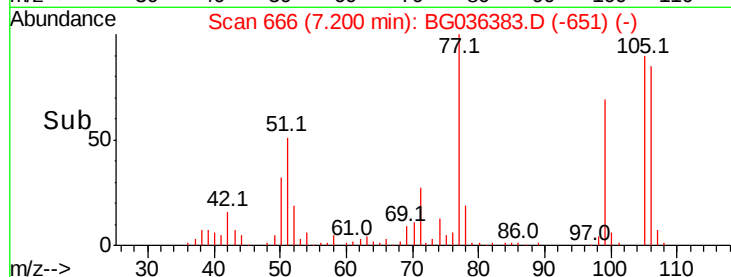
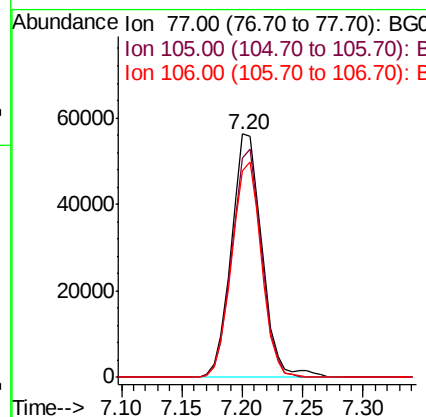
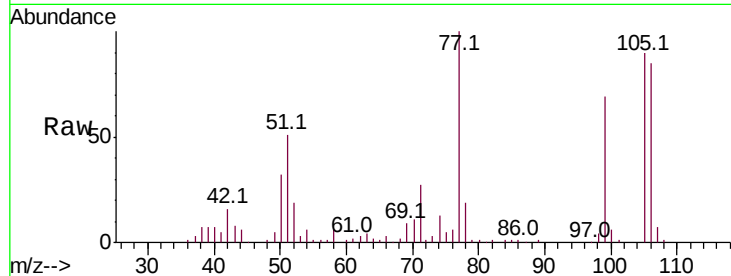
ClientSampleId :

PB112153BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.1	70.5	110.5
106	84.7	69.8	109.8

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#10

Phenol

Concen: 44.079 ng

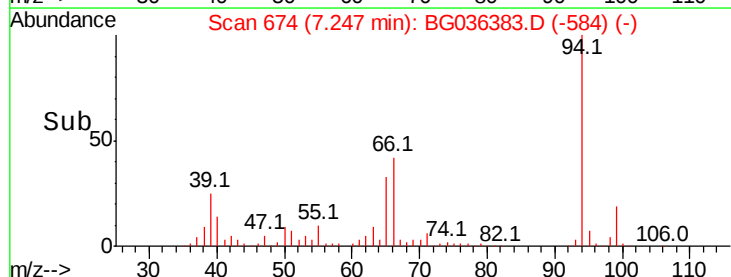
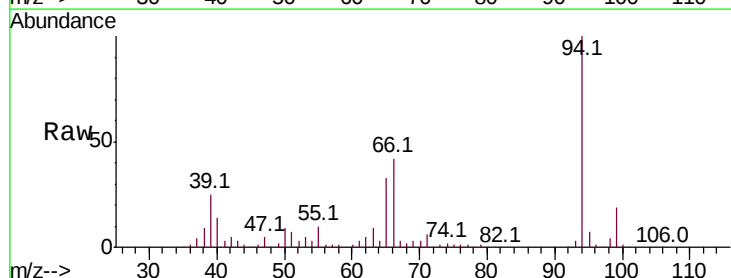
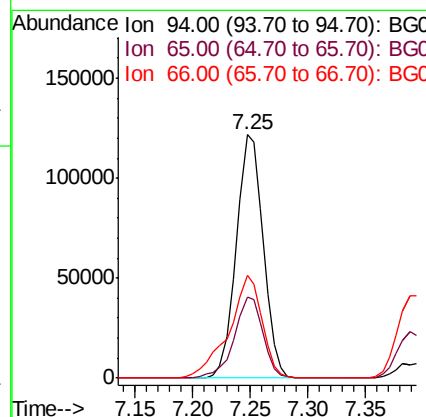
RT: 7.25 min Scan# 674

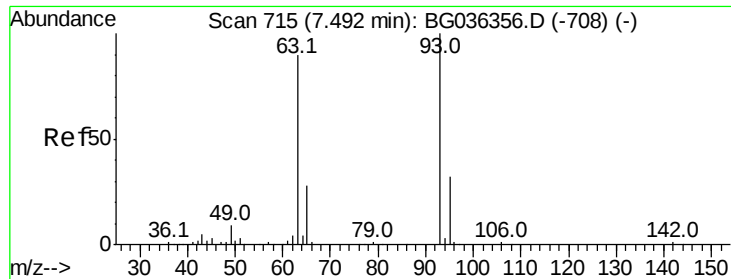
Delta R.T. -0.00 min

Lab File: BG036383.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.5	51.5
66	42.3	19.5	59.5





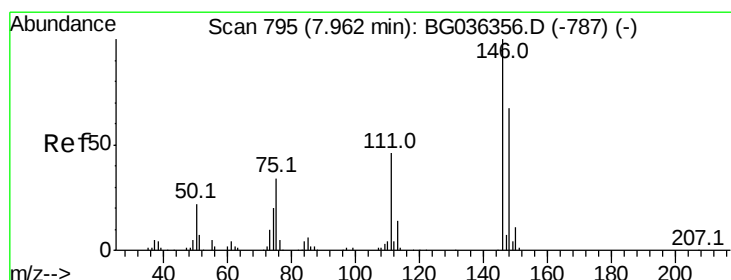
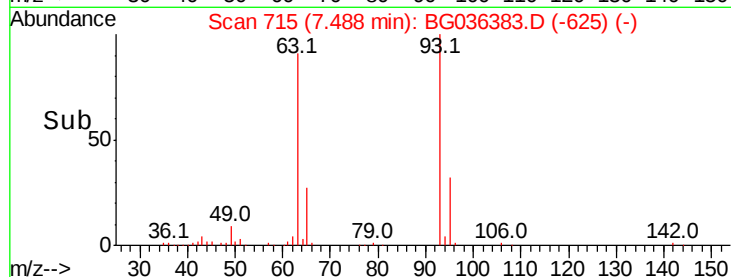
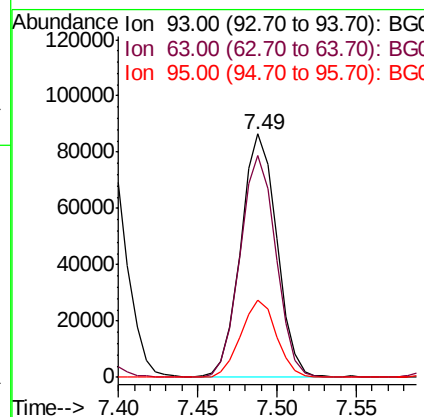
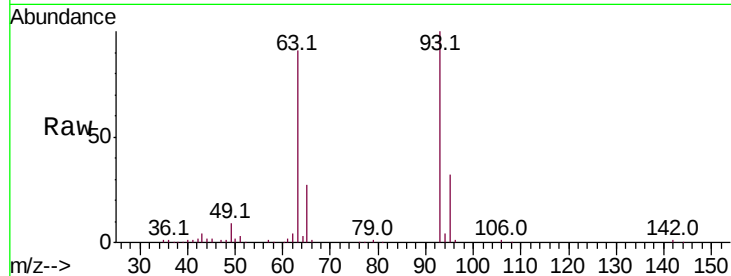
#11
bis(2-Chloroethyl)ether
Concen: 38.414 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	93	Resp	135991
Ion Ratio	100	Lower	Upper
93	100		
63	91.4	69.9	109.9
95	31.6	11.7	51.7

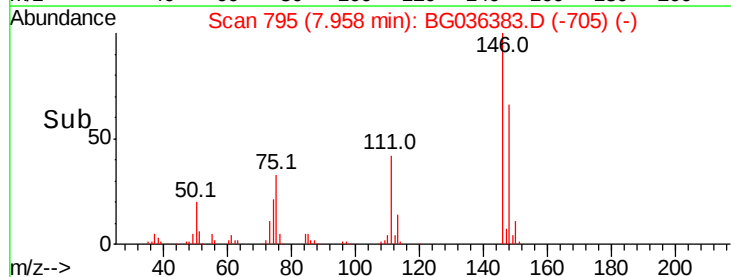
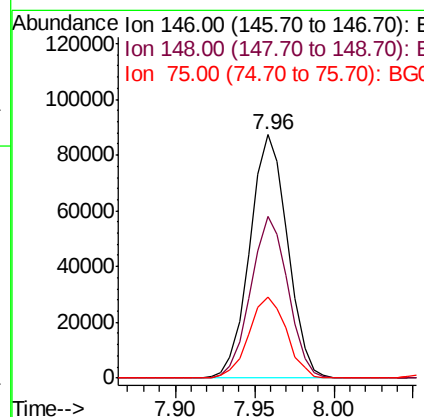
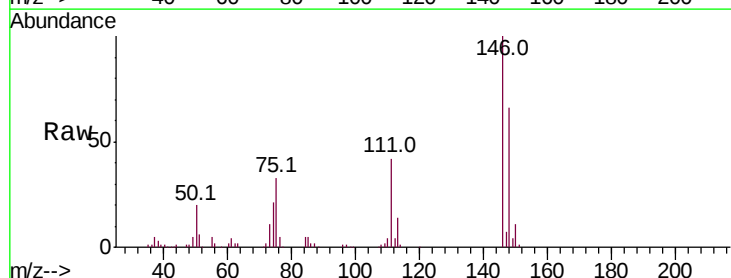
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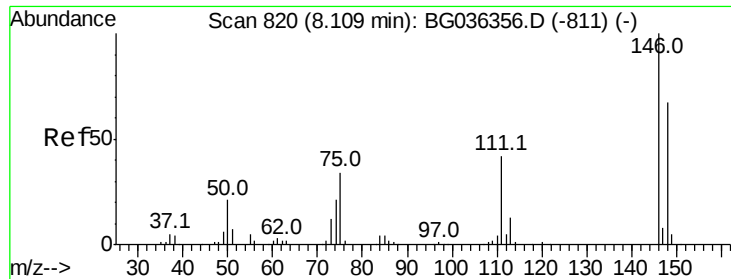
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#12
1,3-Dichlorobenzene
Concen: 39.131 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	146	Resp	144410
Ion Ratio	100	Lower	Upper
146	100		
148	66.3	53.8	80.6
75	33.1	27.2	40.8





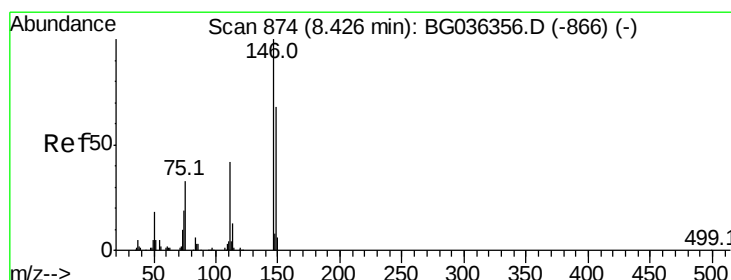
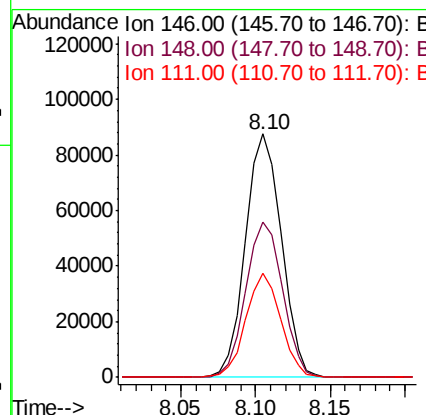
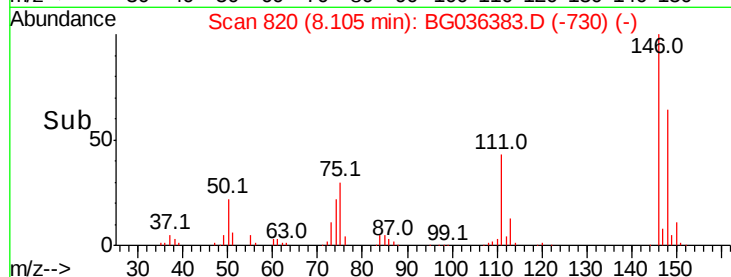
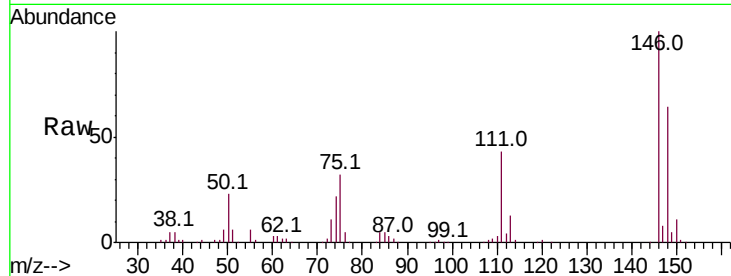
#13
 1,4-Dichlorobenzene
 Concen: 39.221 ng
 RT: 8.10 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.9	80.9
111	43.0	33.8	50.6

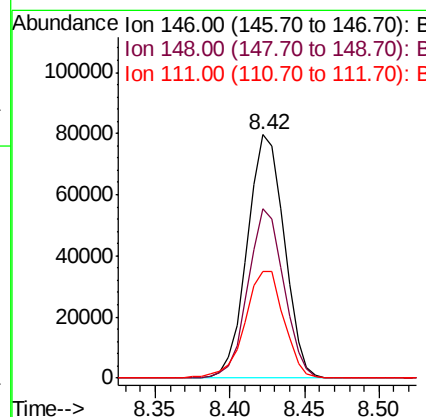
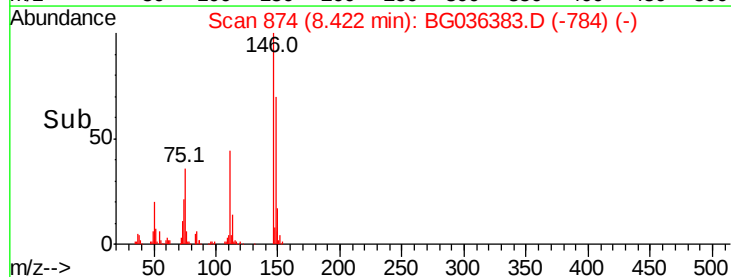
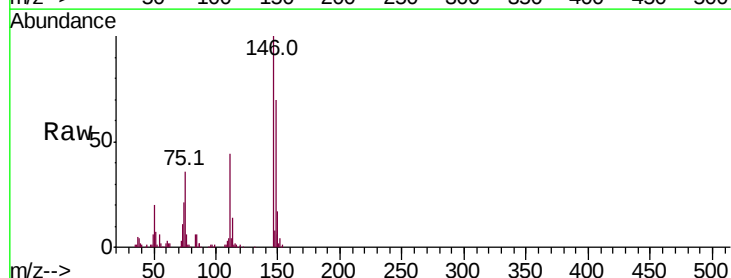
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#14
 1,2-Dichlorobenzene
 Concen: 38.233 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	55.0	82.6
111	43.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 41.533 ng

RT: 8.30 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

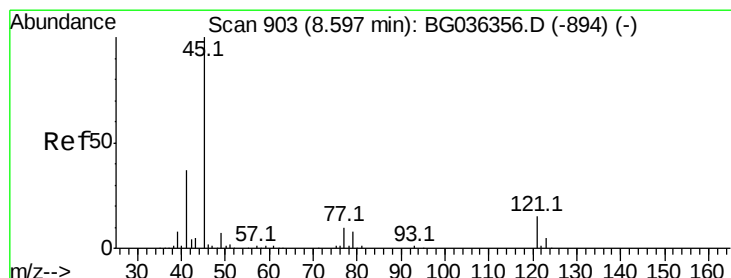
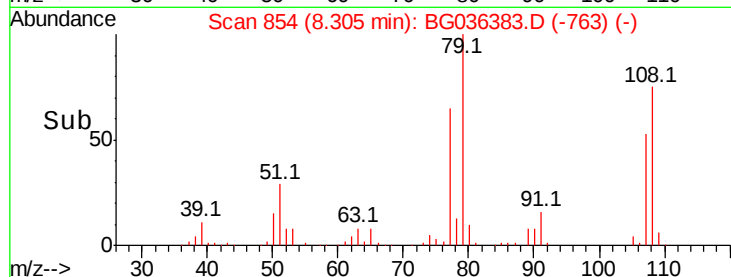
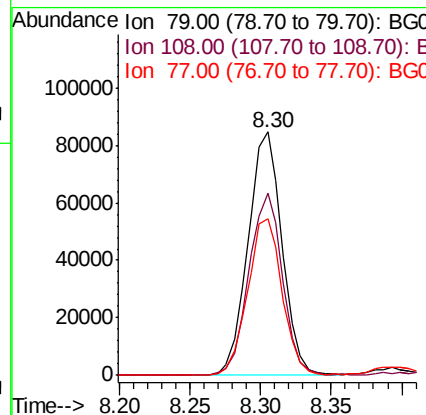
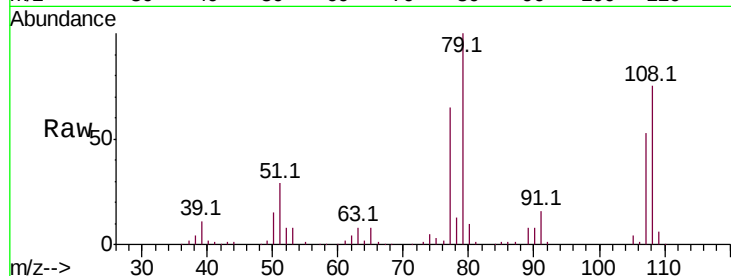
ClientSampled :

PB112153BS

Tot Ion	79	108	77
Ratio	100	74.9	64.5
Lower		55.9	50.0
Upper		83.9	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.294 ng

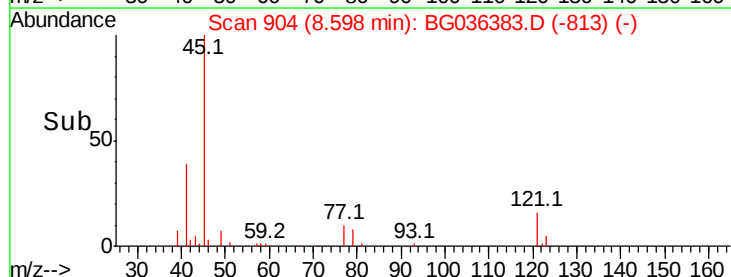
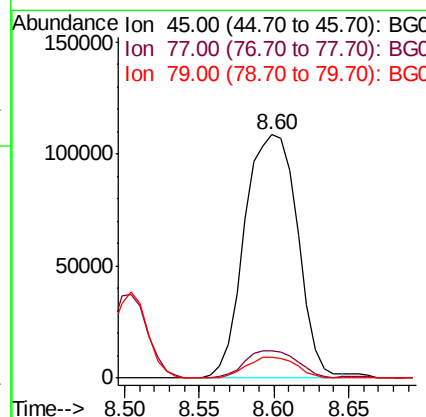
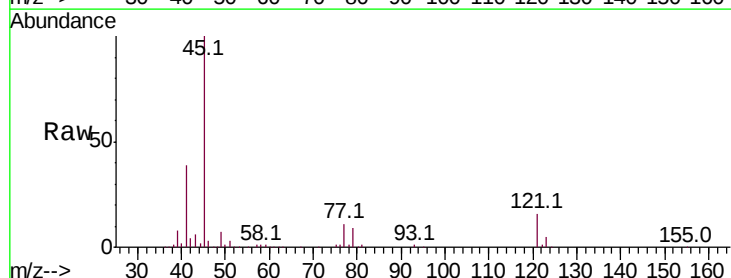
RT: 8.60 min Scan# 904

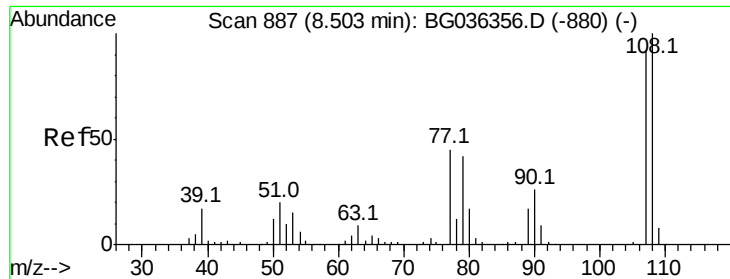
Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion	45	77	79
Ratio	100	11.0	8.7
Lower		0.0	0.0
Upper		30.5	27.9





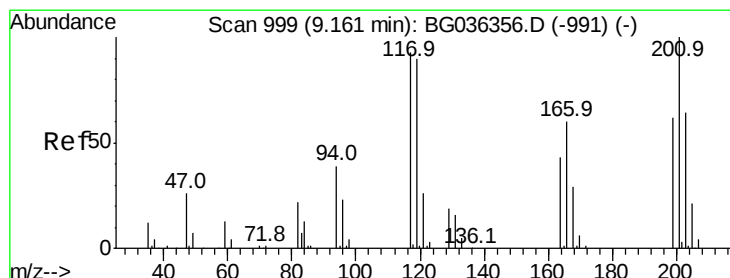
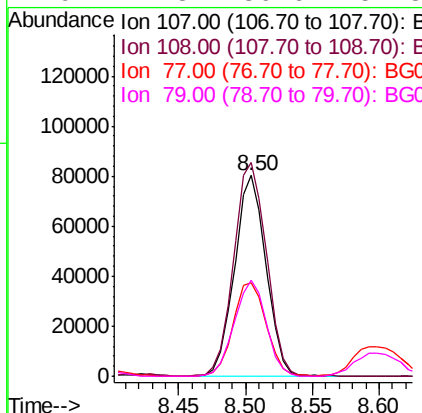
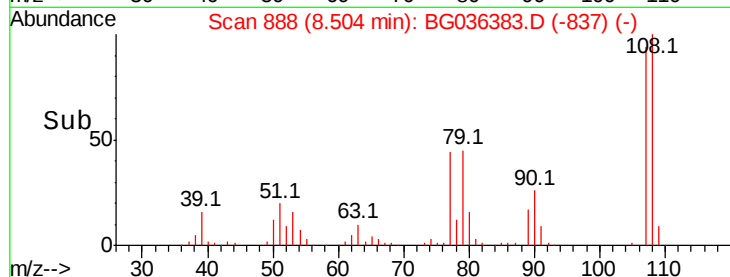
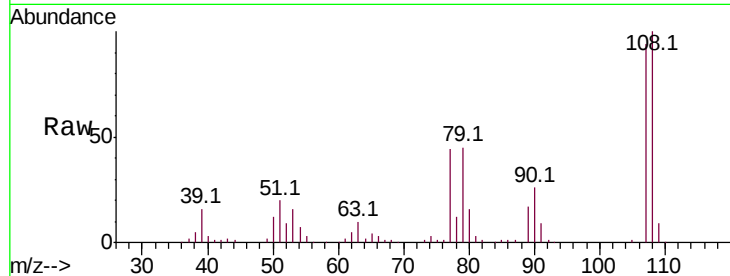
#17
2-Methylphenol
Concen: 44.258 ng
RT: 8.50 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	107	Resp	131226
Ion Ratio	Lower	Upper	
107	100		
108	106.5	86.7	130.1
77	46.5	39.0	58.4
79	47.8	36.6	54.8

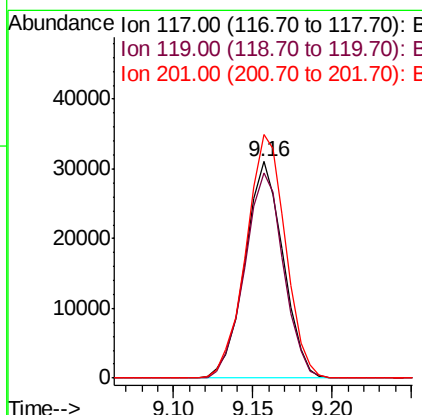
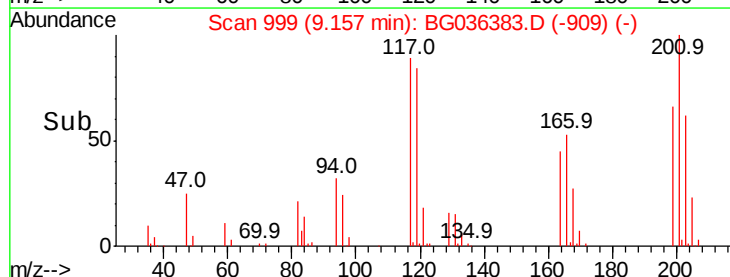
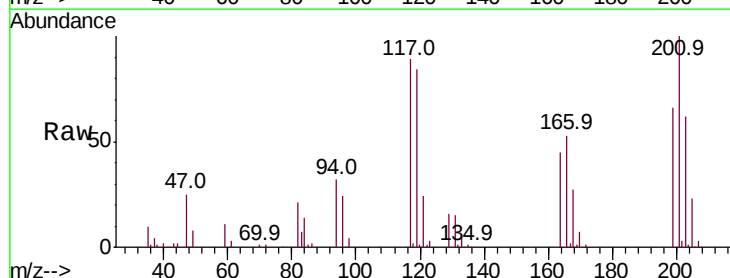
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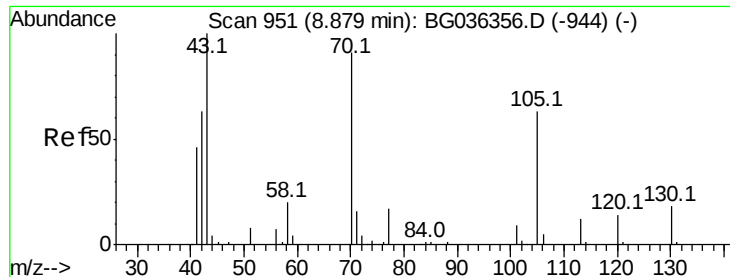
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#18
Hexachloroethane
Concen: 38.975 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	117	Resp	52065
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.8	115.2
201	112.4	85.7	128.5





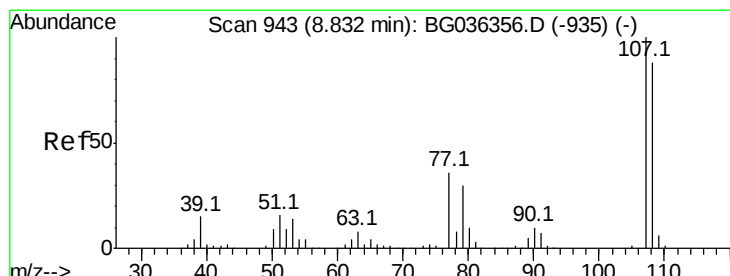
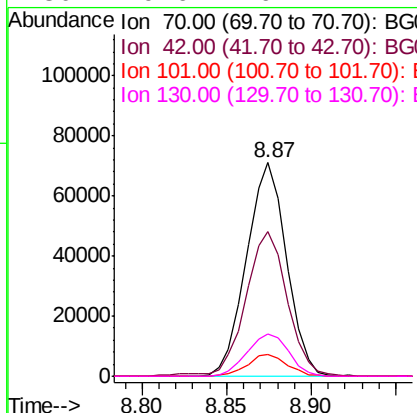
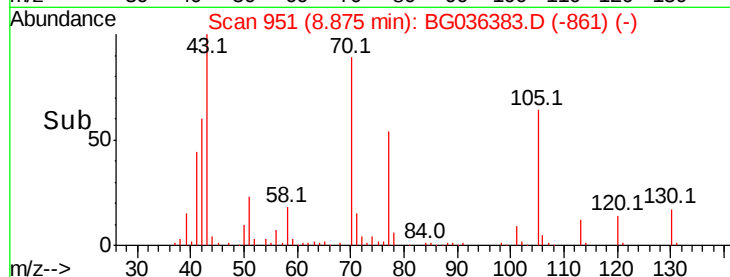
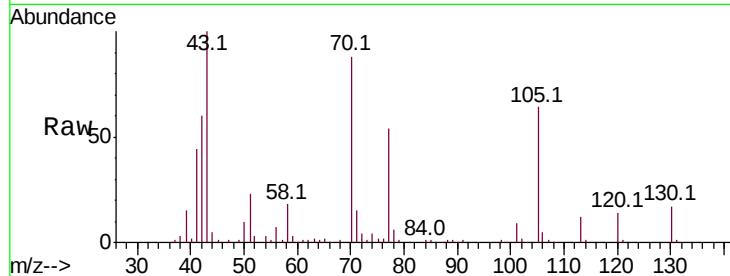
#19
n-Nitroso-di-n-propylamine
Concen: 36.575 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampled :
PB112153BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.6	56.2	84.4		
101	9.9	7.8	11.6		
130	19.6	16.2	24.2		

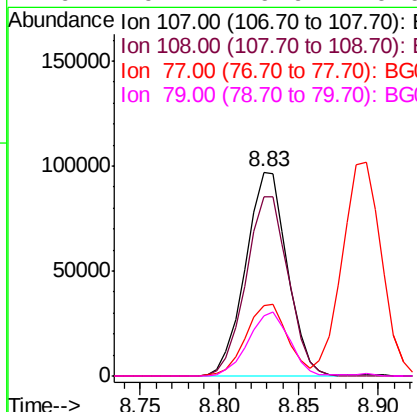
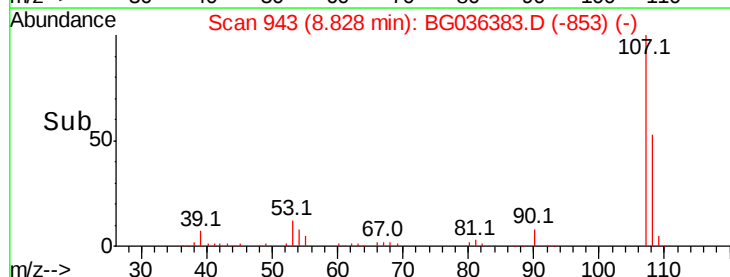
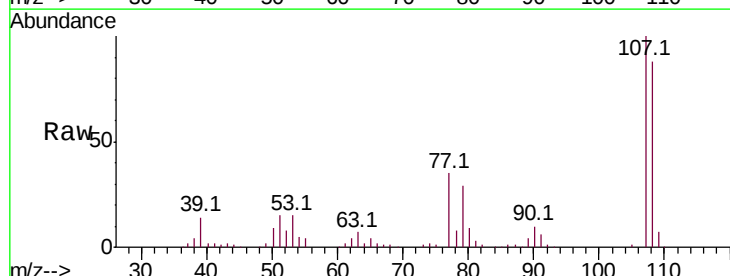
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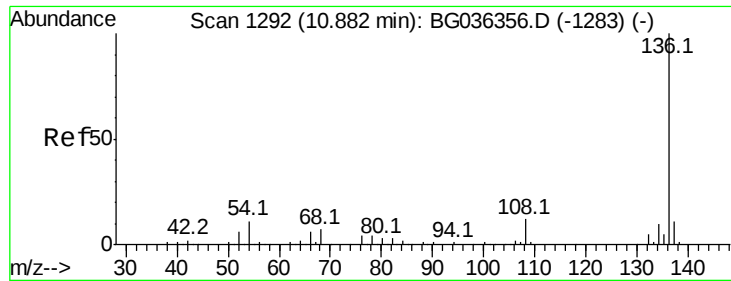
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#20
3+4-Methylphenols
Concen: 43.005 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.6	68.0	108.0		
77	34.6	15.6	55.6		
79	29.2	9.9	49.9		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

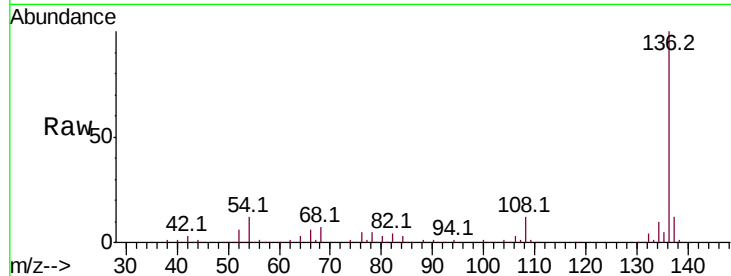
ClientSampleId :

PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	208134		
137	12.5		8.8	13.2
54	12.2		9.2	13.8
68	7.2		5.8	8.6

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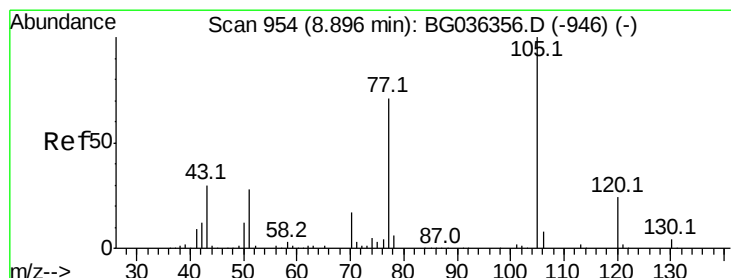
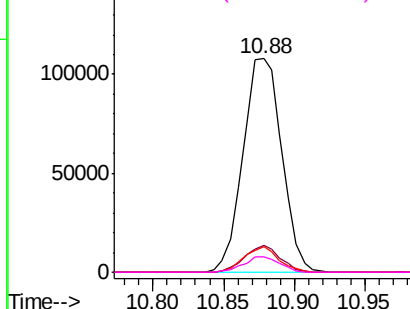
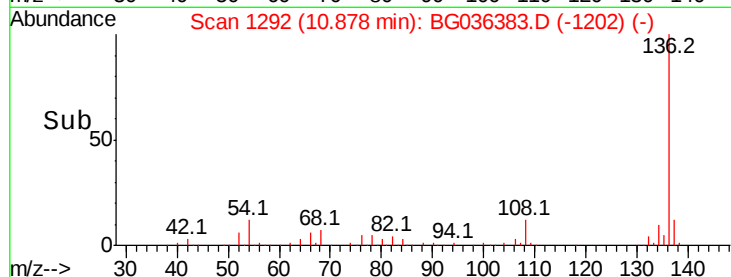
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.719 ng

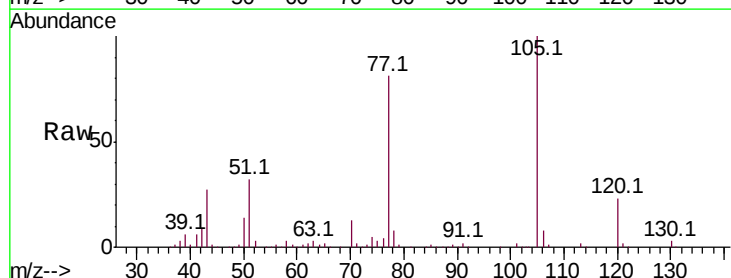
RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217085		
71	2.0		2.4	3.6#
51	32.1		25.9	38.9
120	23.2		19.4	29.0



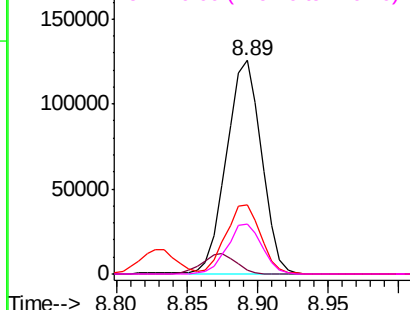
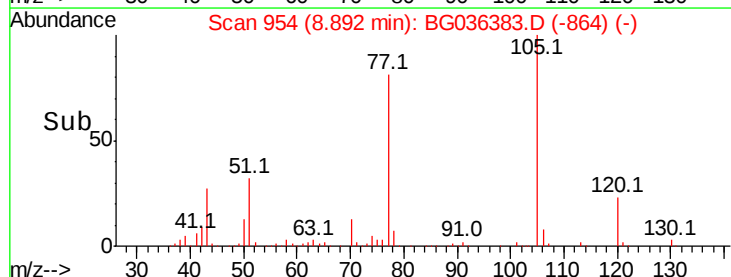
Abundance

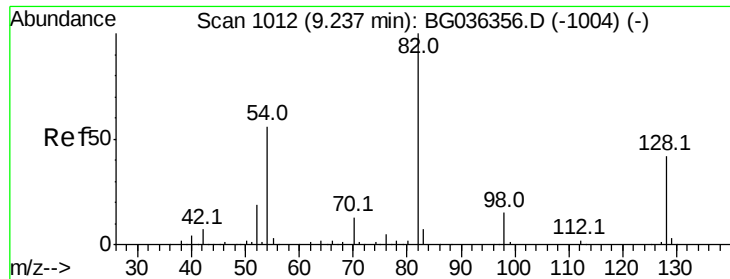
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





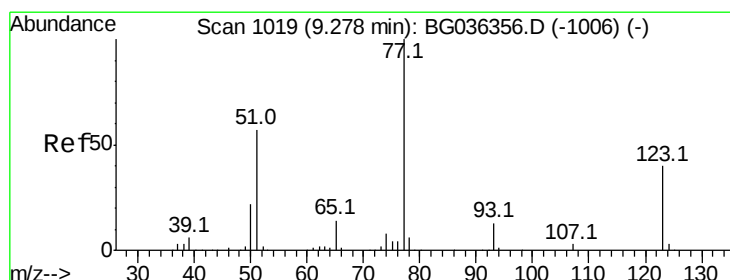
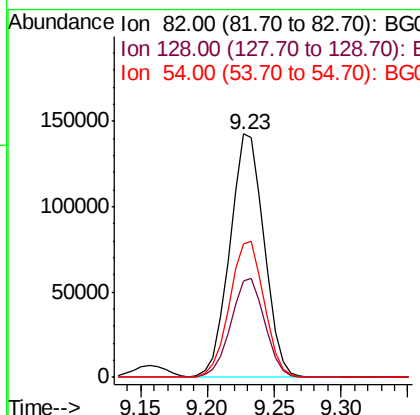
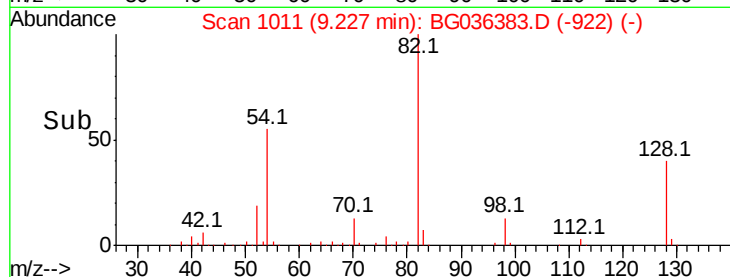
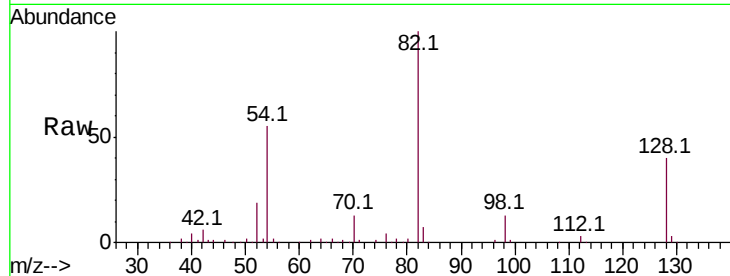
#23
 Nitrobenzene-d5
 Concen: 66.220 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.8	33.3	49.9	
54	54.7	45.1	67.7	

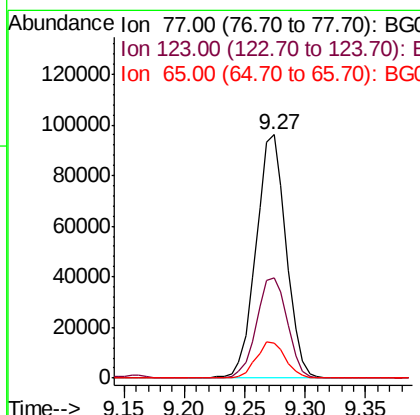
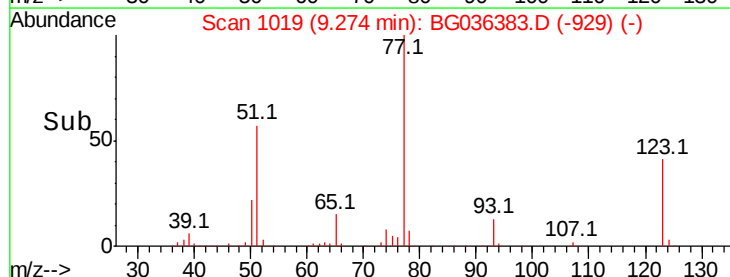
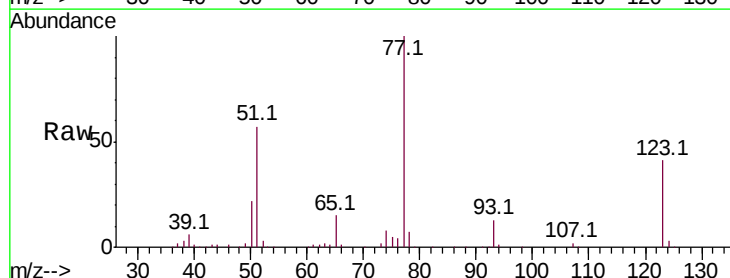
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#24
 Nitrobenzene
 Concen: 40.148 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	32.4	48.6	
65	14.6	11.5	17.3	





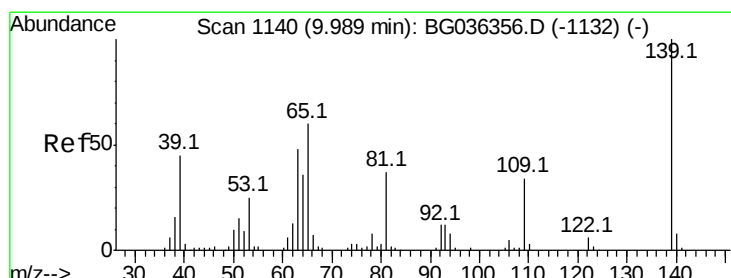
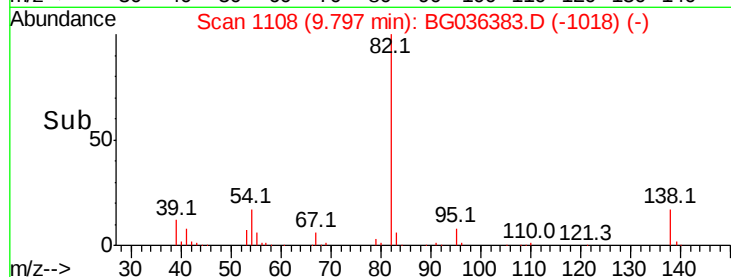
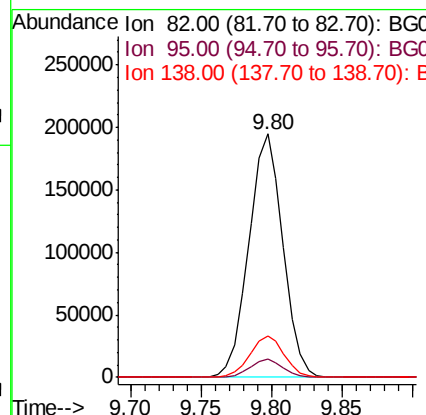
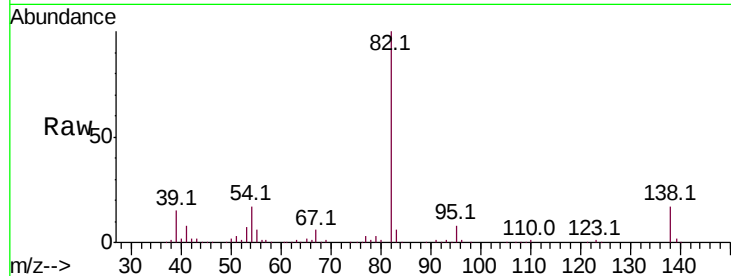
#25
Isophorone
Concen: 43.211 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	329291		
95	7.5	5.8	8.8	
138	17.2	12.9	19.3	

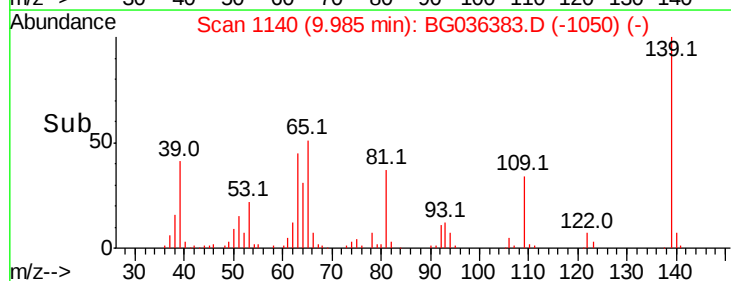
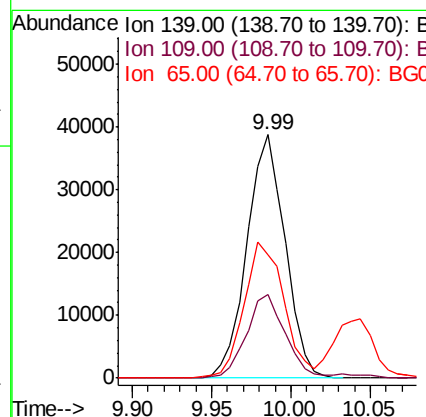
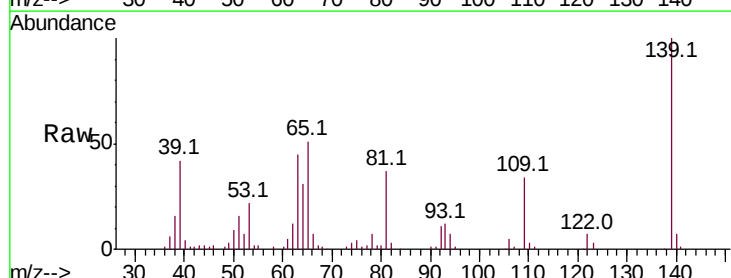
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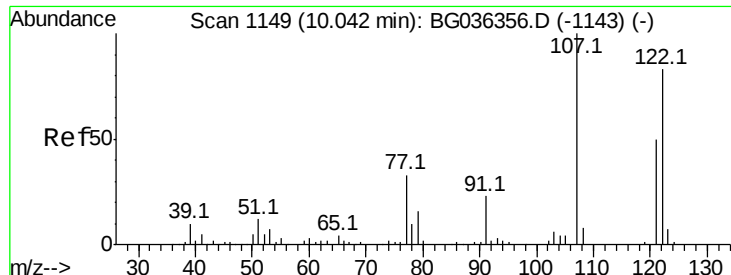
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#26
2-Nitrophenol
Concen: 39.540 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64814		
109	34.2	27.4	41.0	
65	50.5	47.8	71.6	





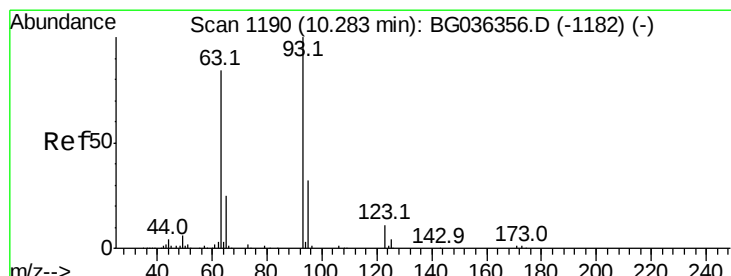
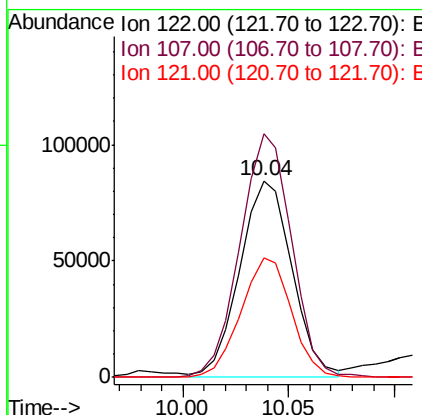
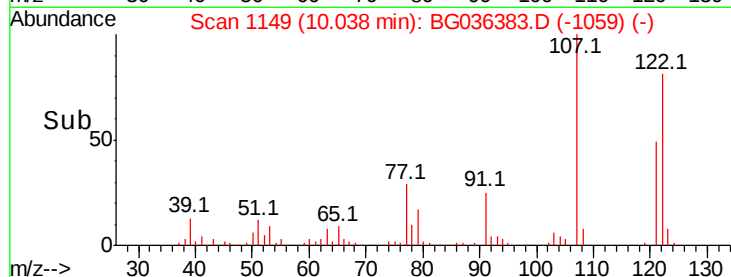
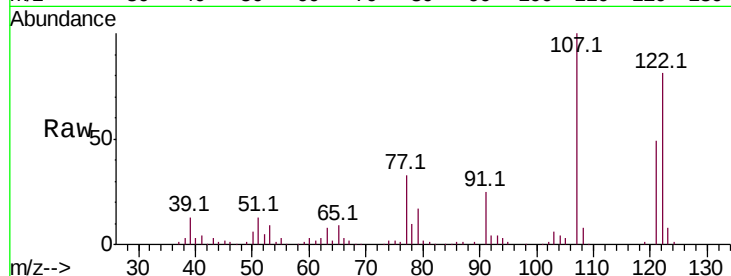
#27
 2,4-Dimethylphenol
 Concen: 47.686 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion:	122	Resp:	144716
Ion Ratio	Lower	Upper	
122	100		
107	123.9	96.0	144.0
121	60.6	48.2	72.4

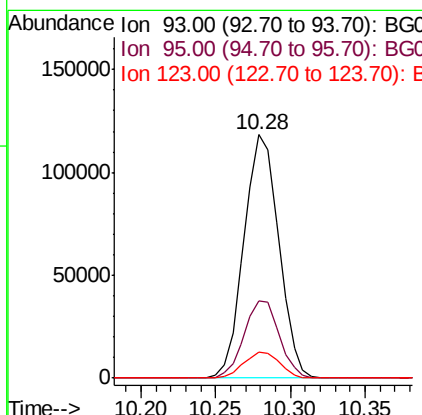
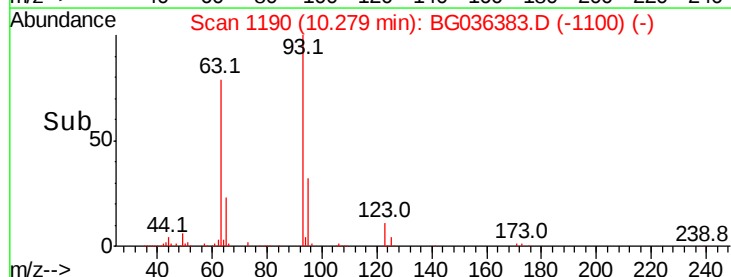
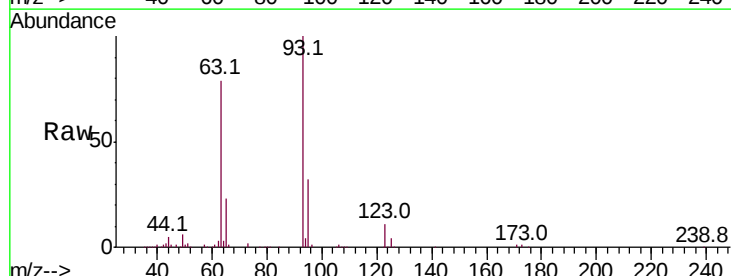
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.935 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion:	93	Resp:	191453
Ion Ratio	Lower	Upper	
93	100		
95	31.7	25.2	37.8
123	10.9	8.6	12.8





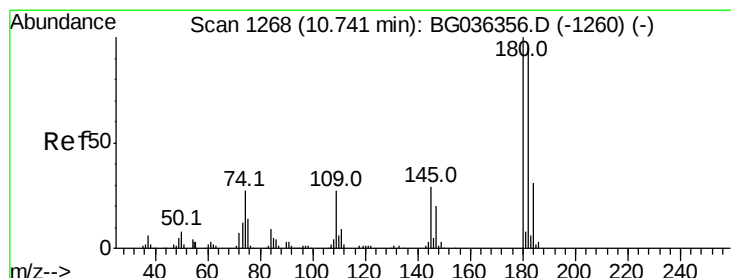
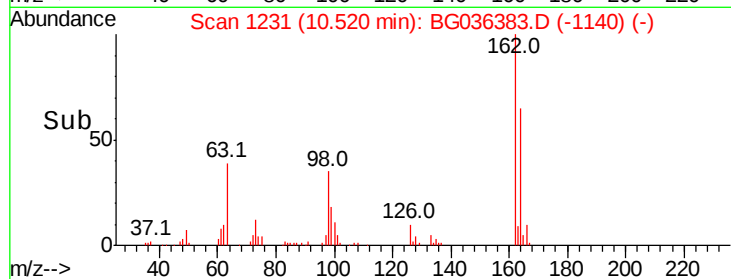
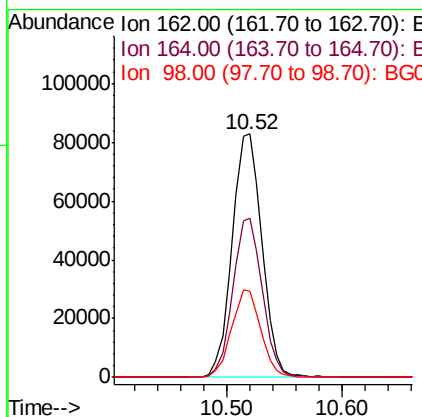
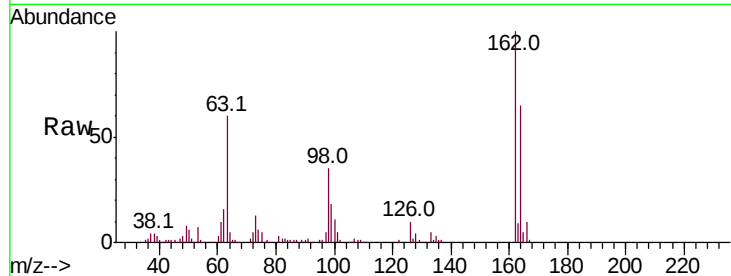
#29
2,4-Dichlorophenol
Concen: 44.536 ng
RT: 10.52 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.3	47.6	87.6	
98	35.2	19.2	59.2	

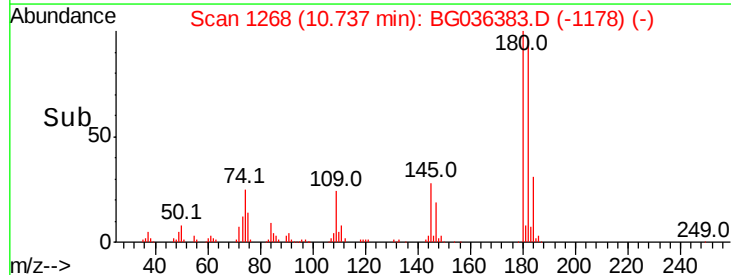
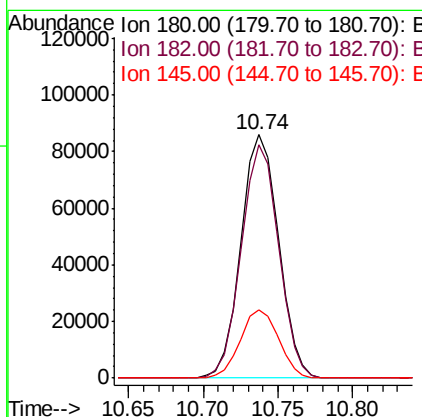
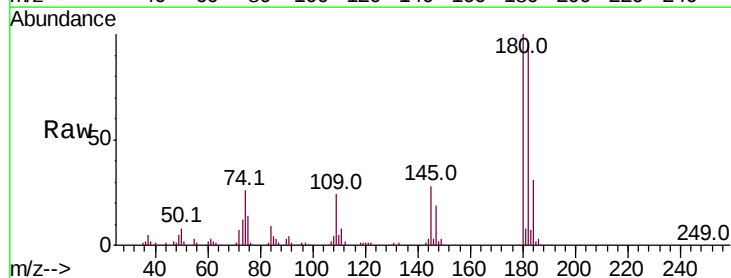
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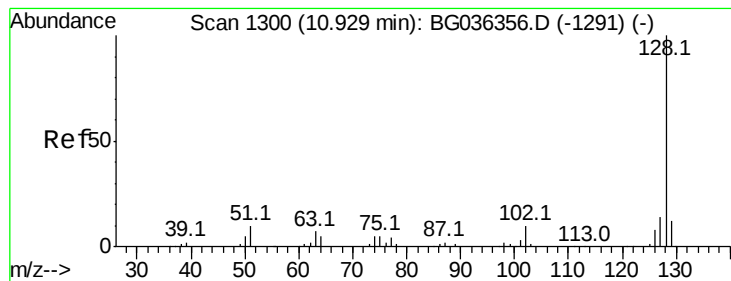
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#30
1,2,4-Trichlorobenzene
Concen: 38.595 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	76.0	114.0	
145	28.0	22.9	34.3	





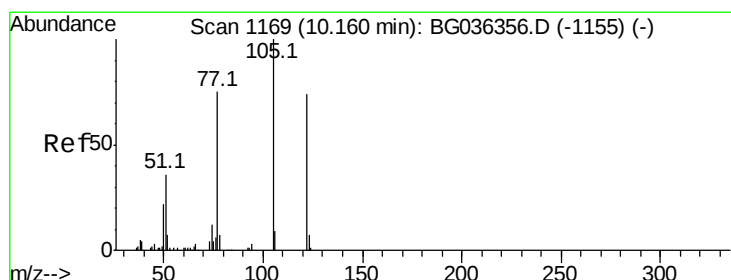
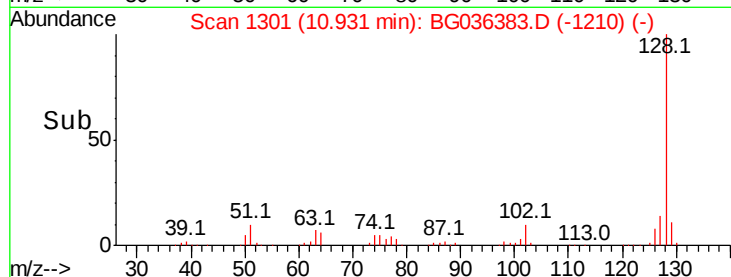
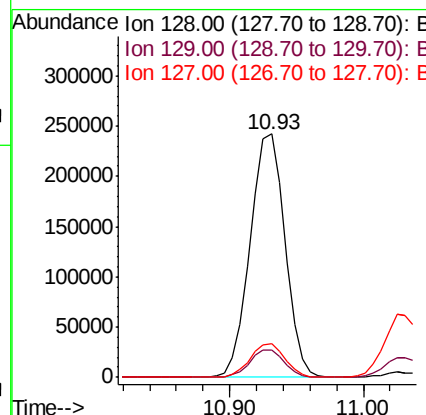
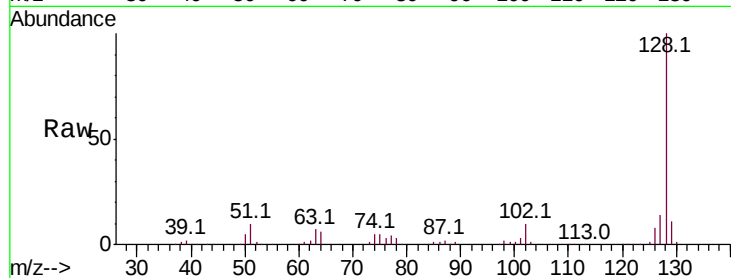
#31
Naphthalene
Concen: 41.875 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.0	11.0	16.4

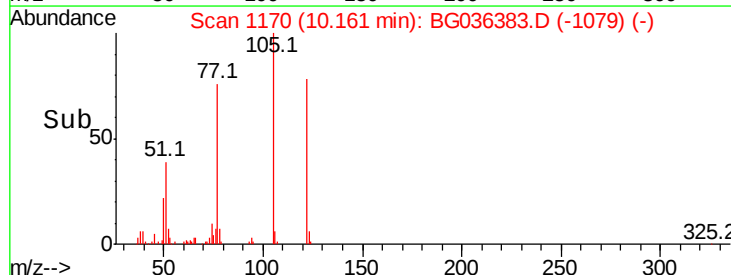
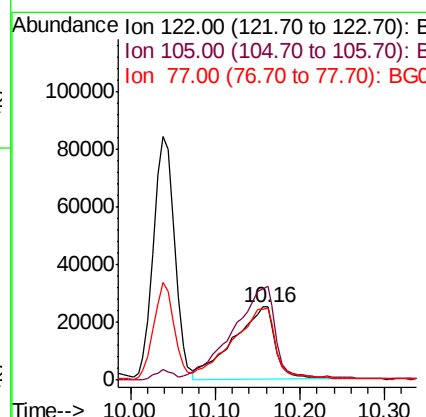
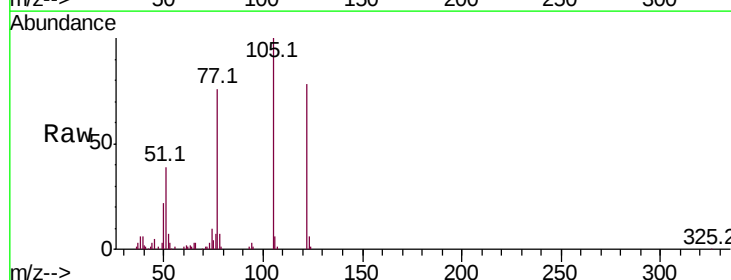
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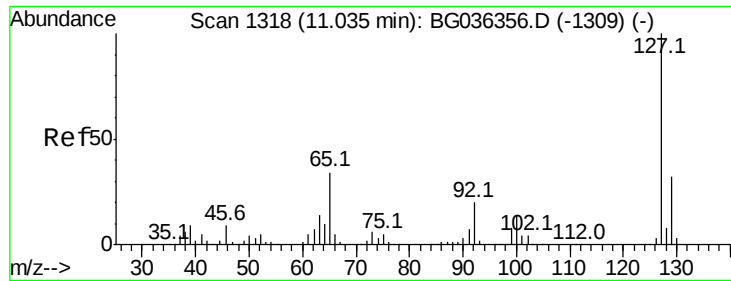
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#32
Benzoic acid
Concen: 39.769 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	108.1	148.1
77	98.2	76.3	116.3





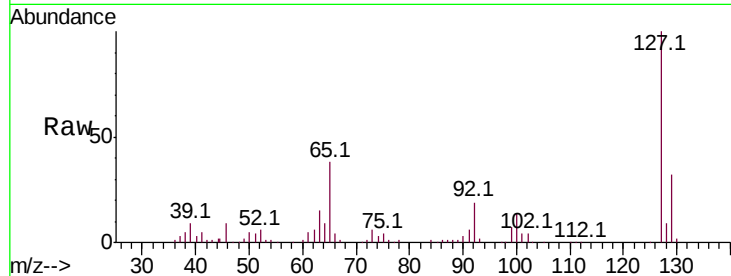
#33
4-Chloroaniline
Concen: 23.946 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampled :
PB112153BS

Tot Ion:	127	Resp:	114169
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.9	38.9
65	38.0	27.5	41.3
92	19.4	16.2	24.2

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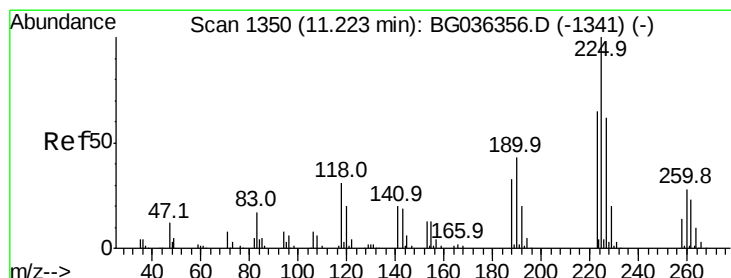
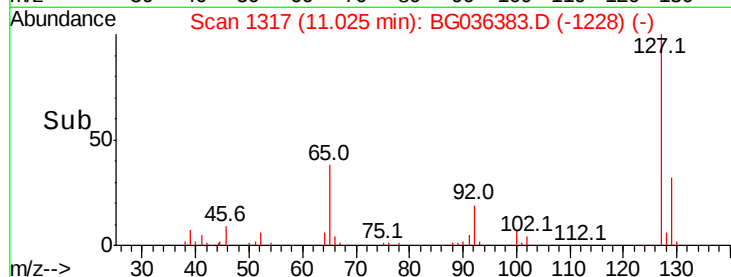
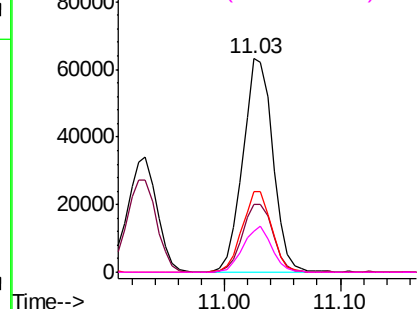
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.154 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

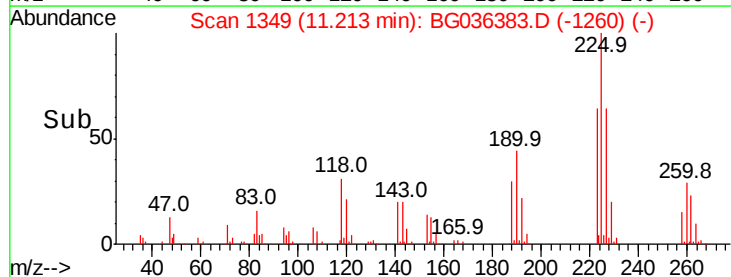
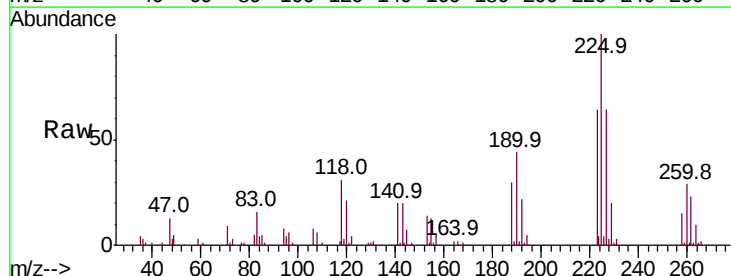
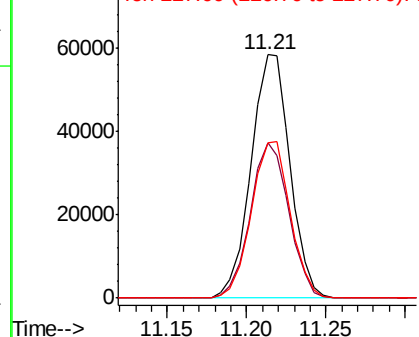
Tgt Ion:	225	Resp:	99740
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.8	77.8
227	63.8	49.8	74.6

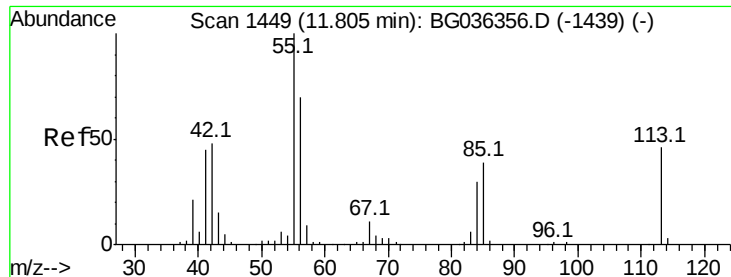
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.802 ng/ml

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

ClientSampled :

PB112153BS

Tot Ion:113 Resp: 59360

Ion Ratio Lower Upper

113 100

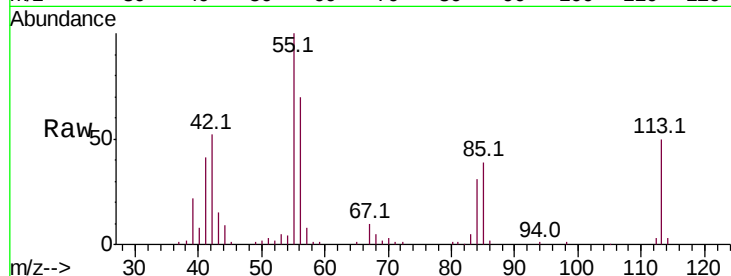
55 199.2 197.7 237.7

56 140.2 131.7 171.7

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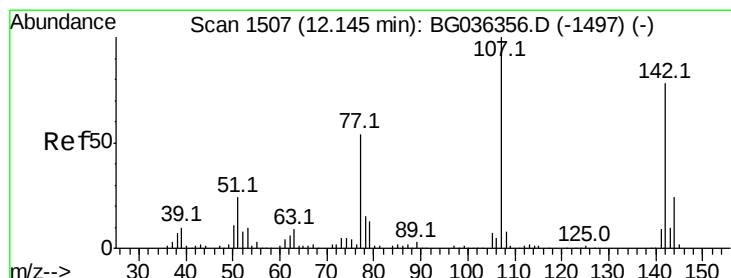
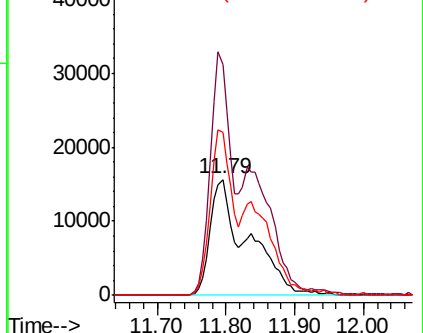
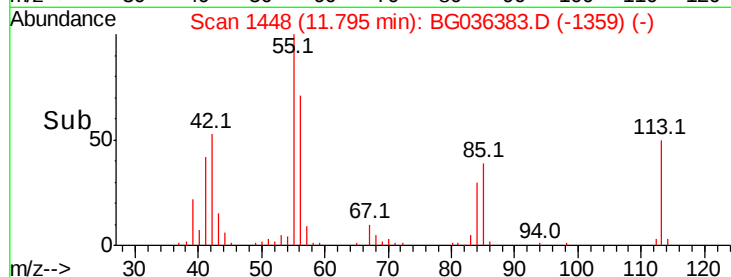
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.362 ng/ml

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

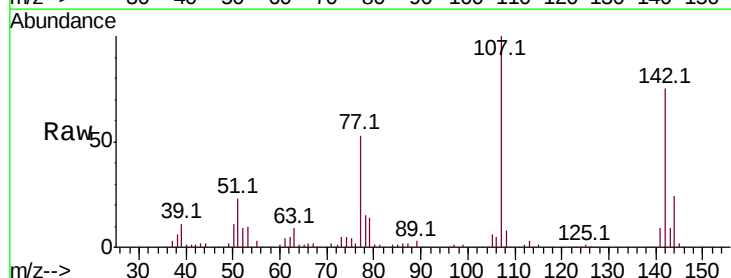
Tgt Ion:107 Resp: 167576

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

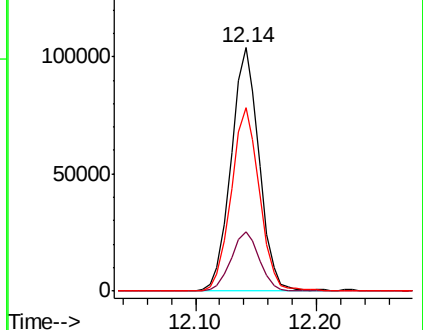
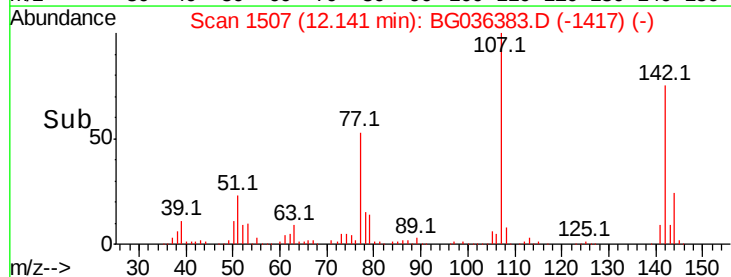
142 75.2 62.4 93.6

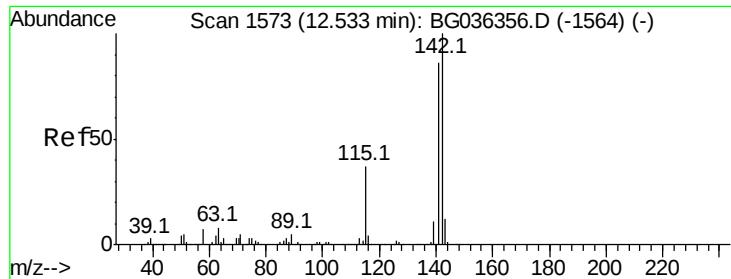


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





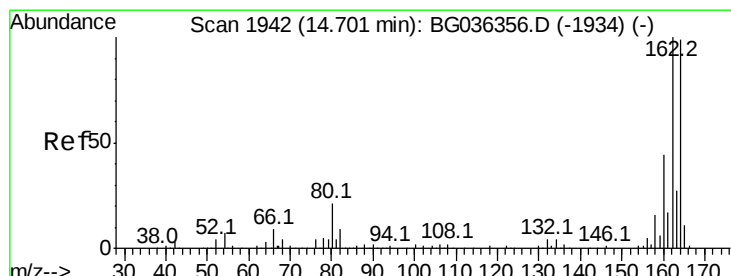
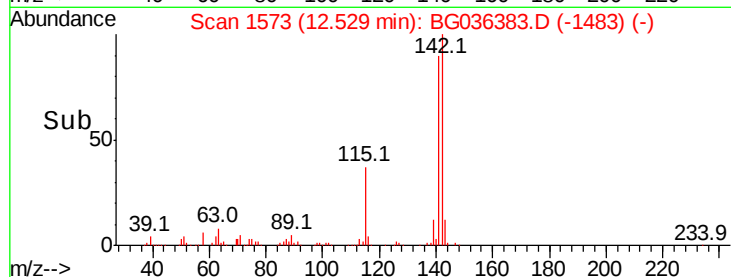
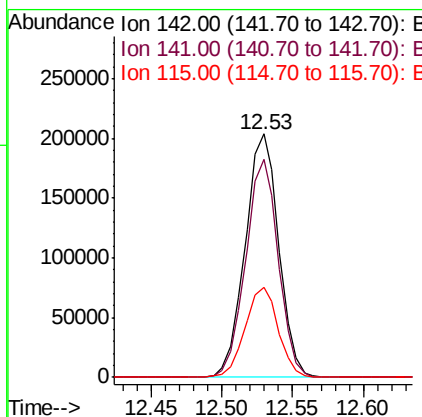
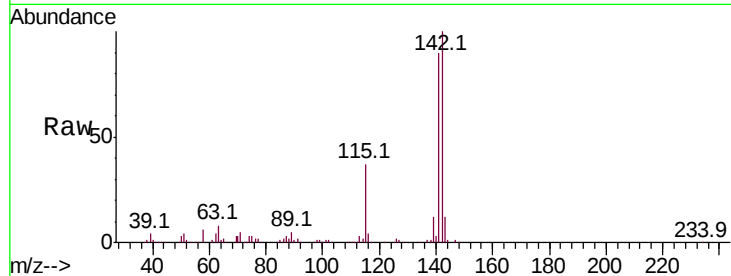
#37
2-Methylnaphthalene
Concen: 44.449 ng
RT: 12.53 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampled :
PB112153BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	68.5	102.7
115	37.0	29.8	44.8

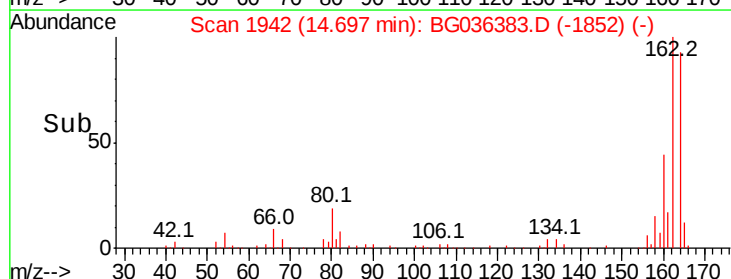
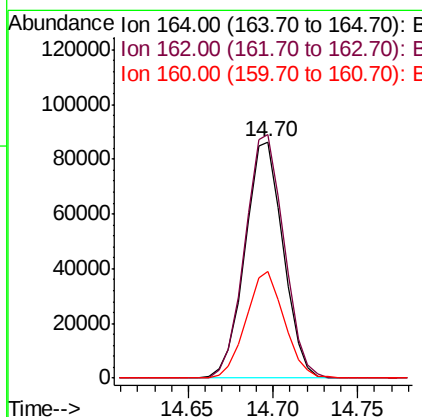
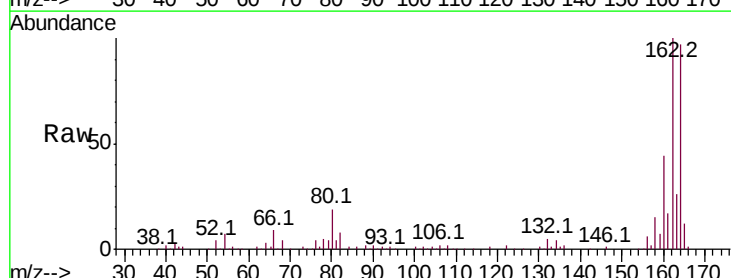
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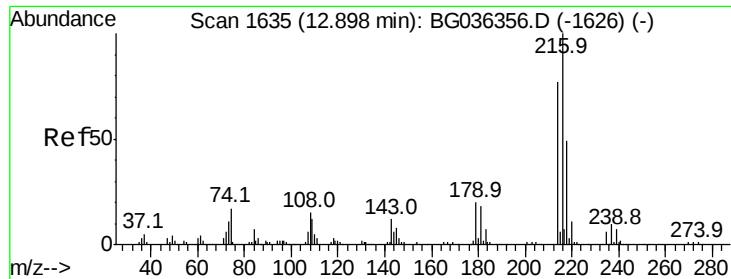
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.7	121.1
160	45.1	35.3	52.9





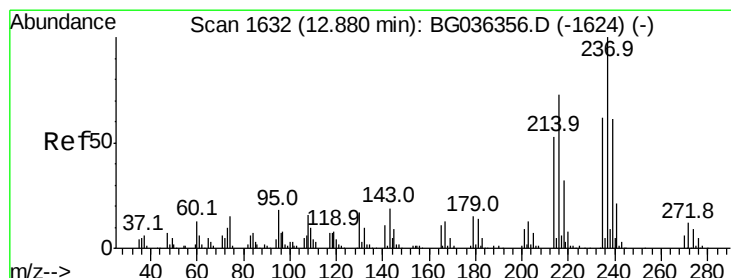
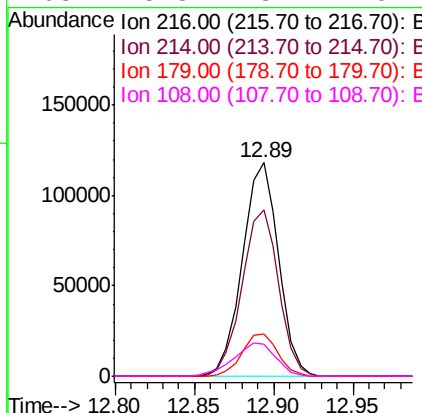
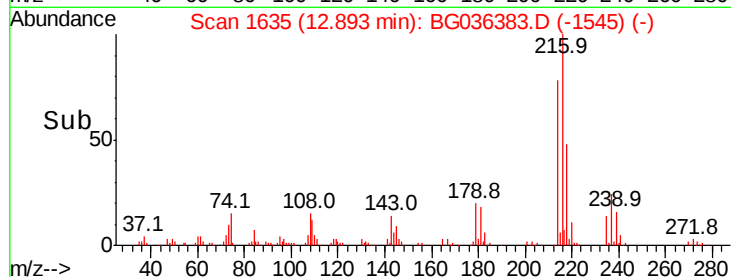
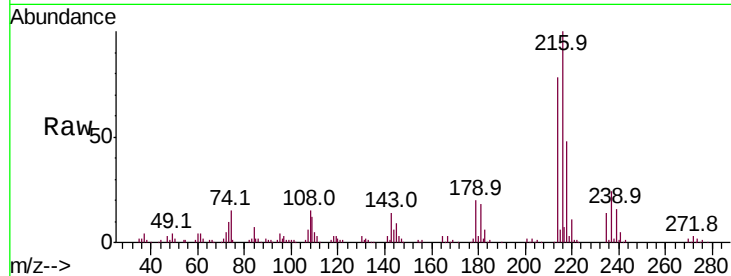
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.755 ng
 RT: 12.89 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	61.0	91.6
179	19.7	15.7	23.5
108	18.3	13.1	19.7

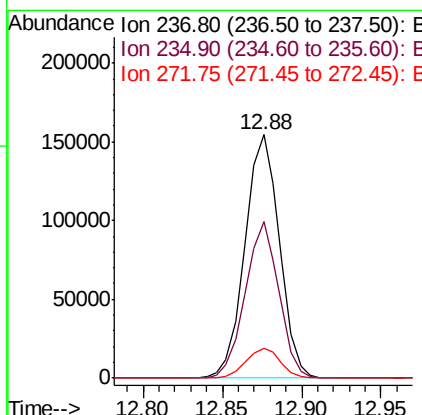
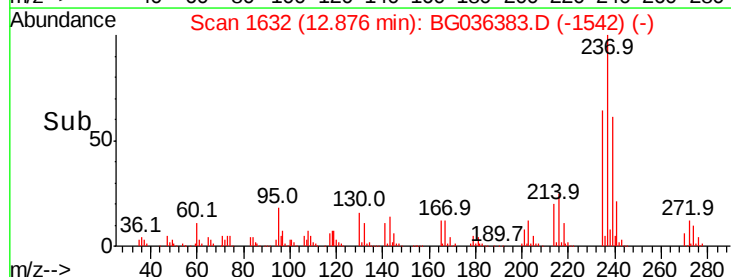
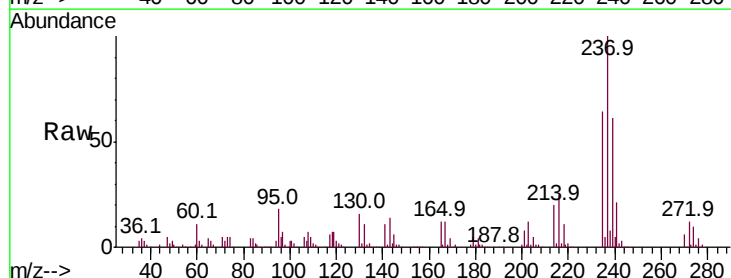
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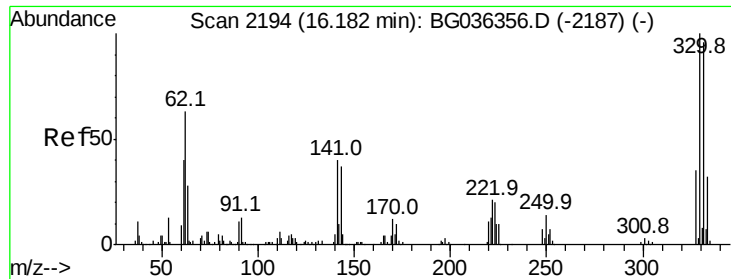
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#40
 Hexachlorocyclopentadiene
 Concen: 93.285 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	42.2	82.2
272	12.3	0.0	32.1





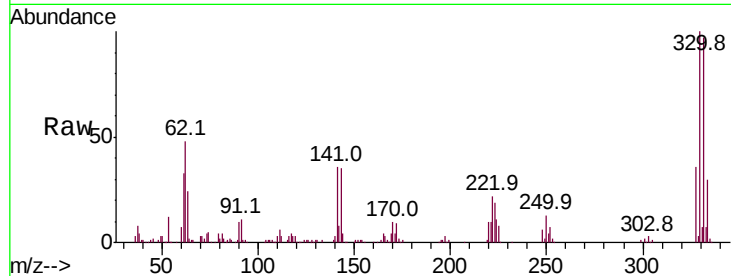
#41
 2,4,6-Tribromophenol
 Concen: 108.214 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampled :
 PB112153BS

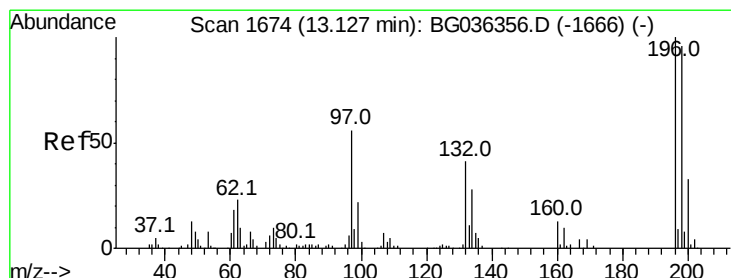
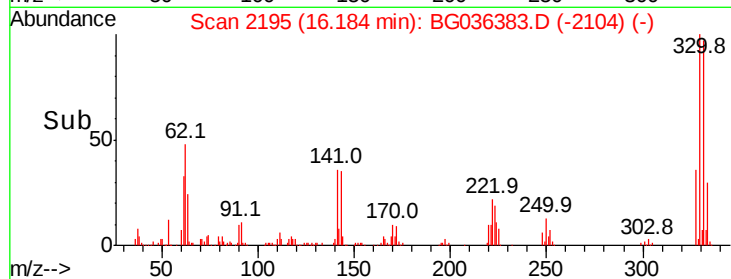
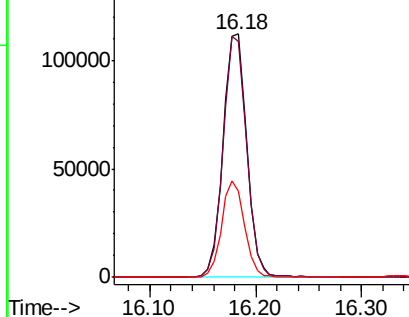
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	38.4	30.7	46.1

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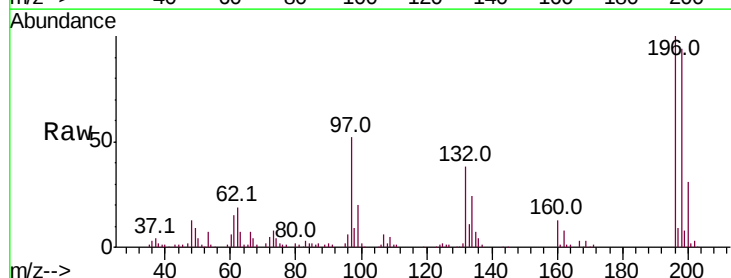


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

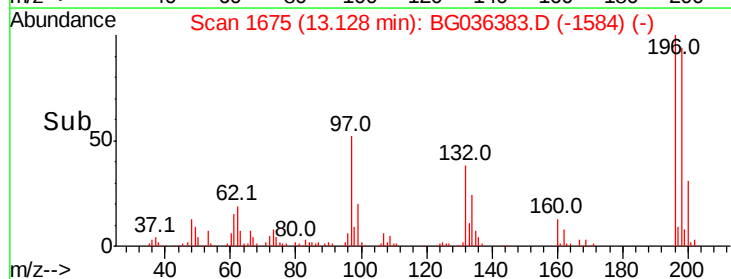
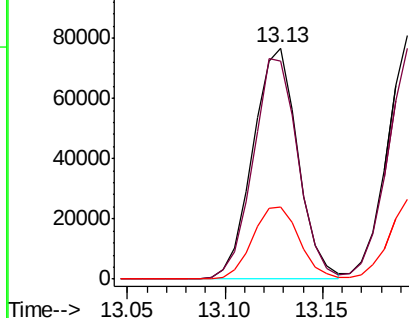


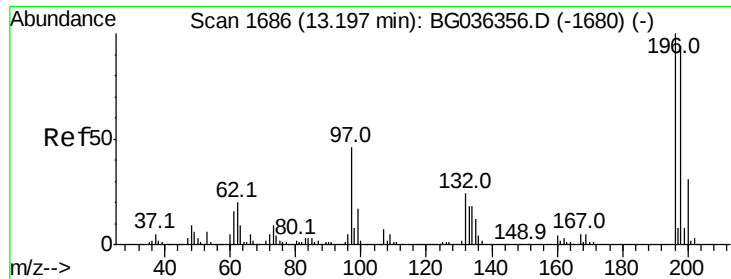
#42
 2,4,6-Trichlorophenol
 Concen: 41.802 ng
 RT: 13.13 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.2	115.8
200	31.3	26.3	39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





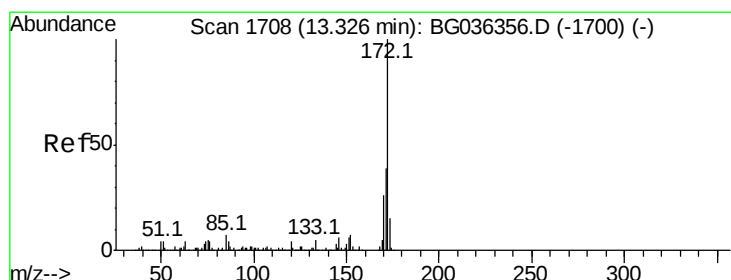
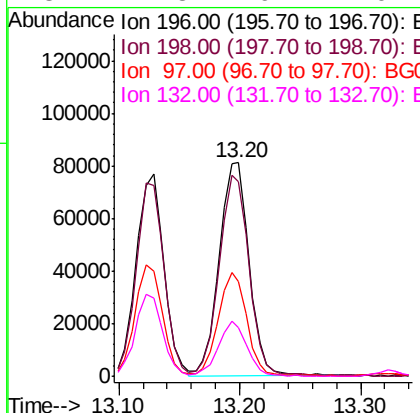
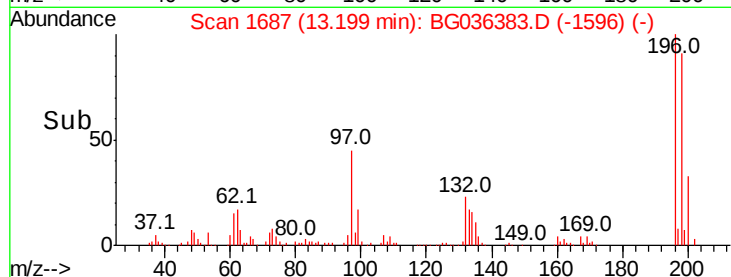
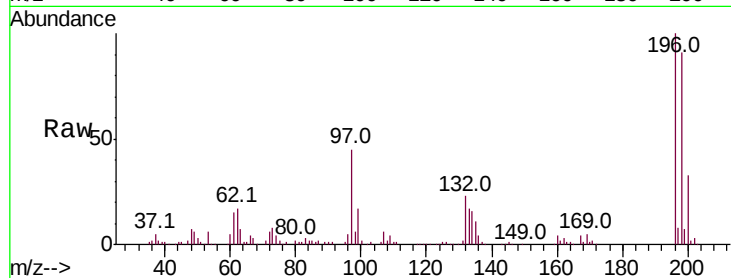
#43
 2,4,5-Trichlorophenol
 Concen: 44.341 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ion	Resp	Lower	Upper
196	100			
198	90.9	75.6	113.4	
97	44.6	37.2	55.8	
132	22.8	19.4	29.2	

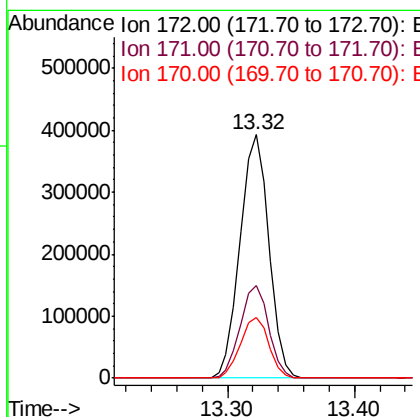
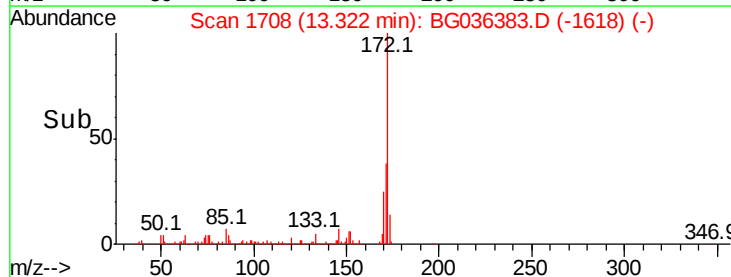
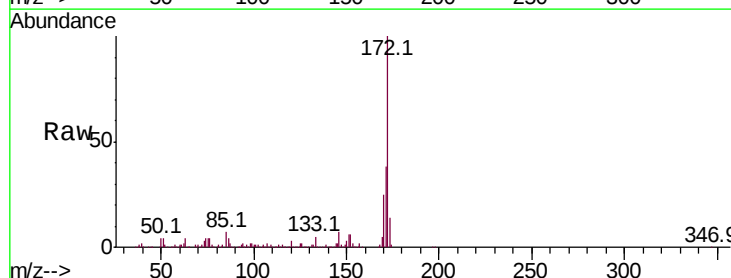
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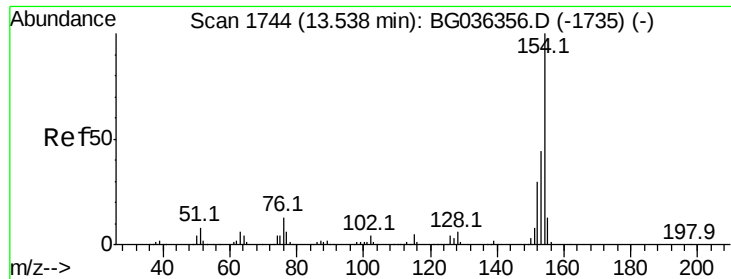
Sohil
 8/24/2018 3:18:54 PM



#44
 2-Fluorobiphenyl
 Concen: 64.977 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	37.9	31.3	46.9	
170	24.9	21.0	31.6	





#45

1,1'-Biphenyl

Concen: 38.776 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

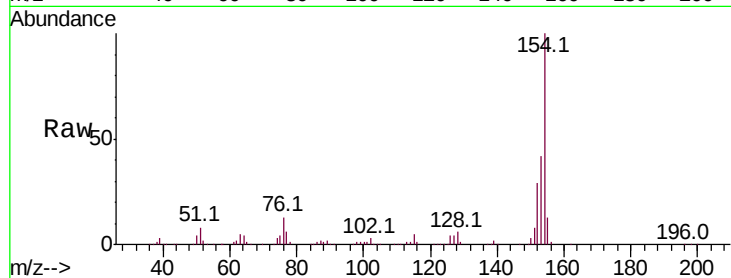
ClientSampleId :

PB112153BS

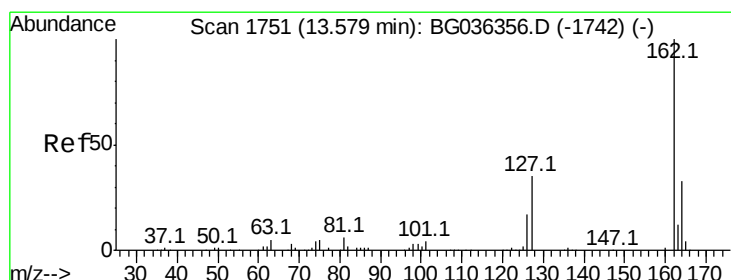
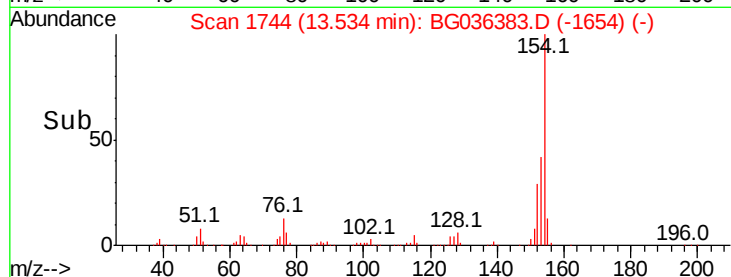
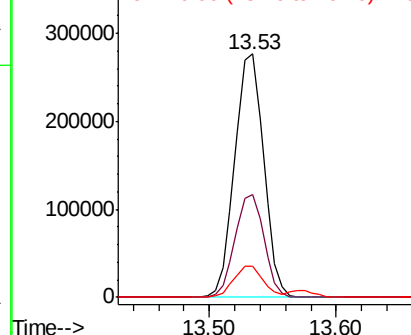
Tot Ion:	154	Resp:	436898
Ion Ratio	Lower	Upper	
154	100		
153	42.5	24.0	64.0
76	12.7	0.0	32.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 38.695 ng

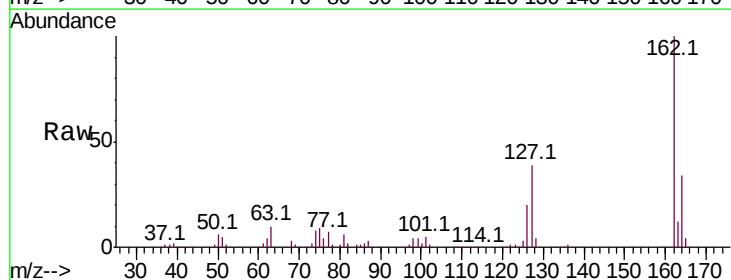
RT: 13.57 min Scan# 1751

Delta R.T. -0.00 min

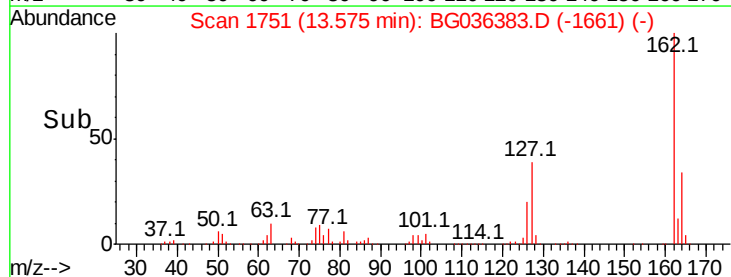
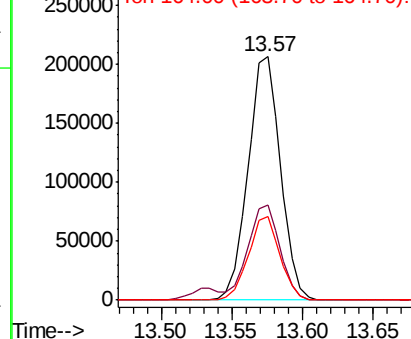
Lab File: BG036383.D

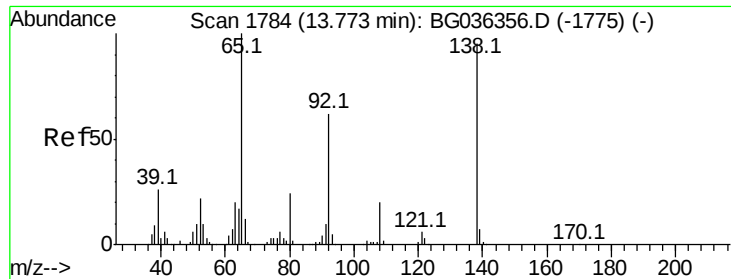
Acq: 23 Aug 2018 18:51

Tgt Ion:	162	Resp:	332833
Ion Ratio	Lower	Upper	
162	100		
127	39.2	30.7	46.1
164	34.2	26.7	40.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.620 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

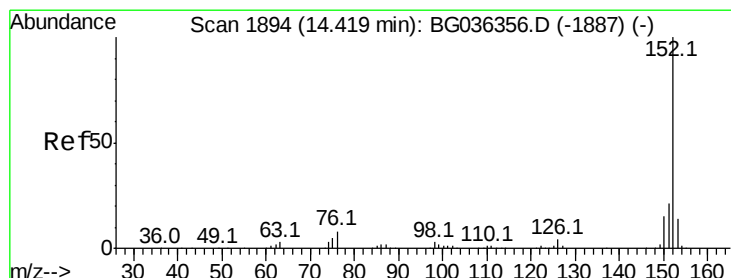
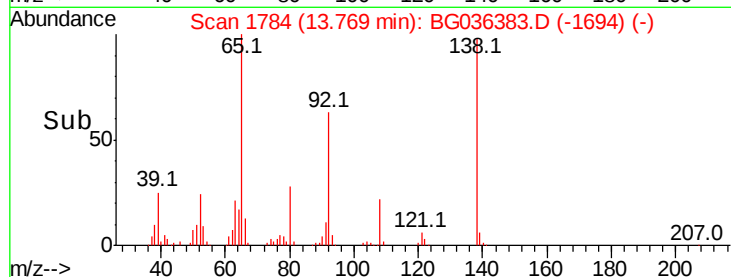
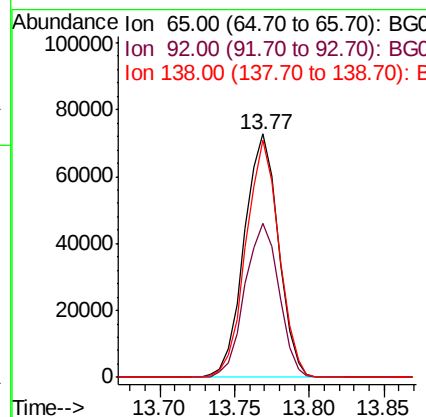
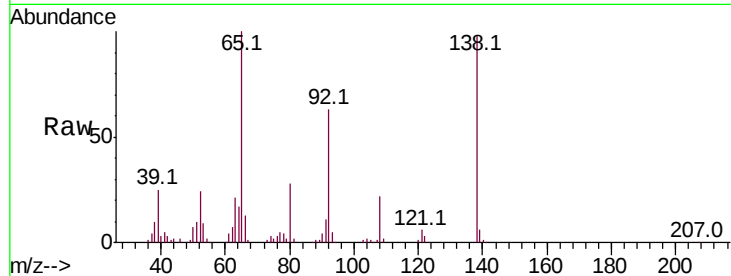
ClientSampleId :

PB112153BS

Tot Ion:	65	Resp:	115117
Ion Ratio	Lower	Upper	
65	100		
92	63.4	49.9	74.9
138	97.6	76.2	114.4

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#48

Acenaphthylene

Concen: 42.128 ng

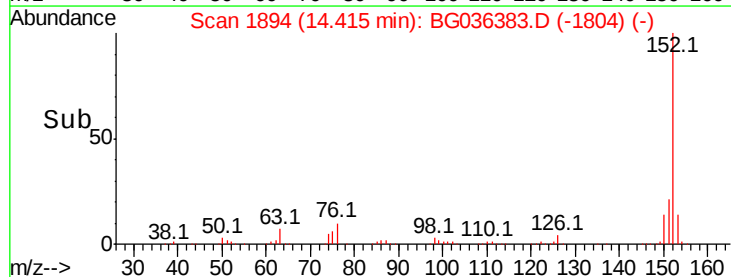
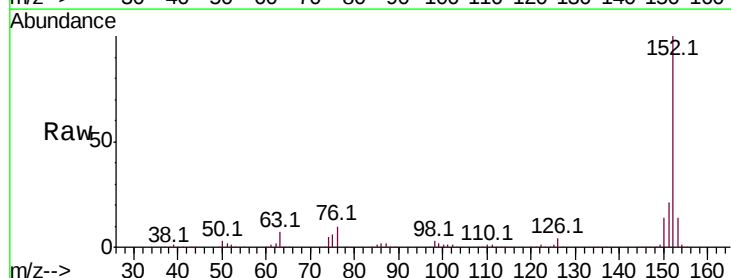
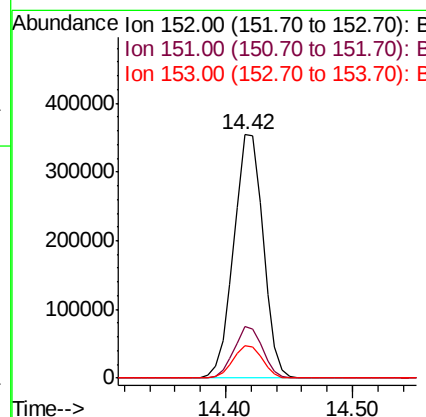
RT: 14.42 min Scan# 1894

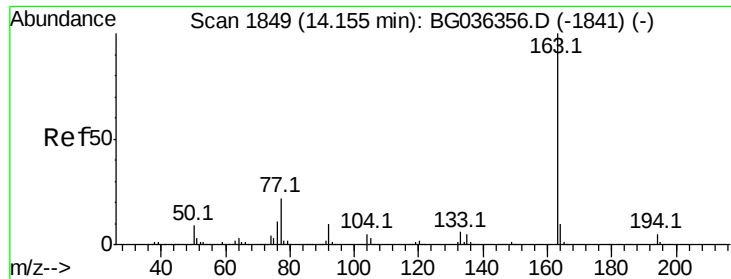
Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	152	Resp:	566319
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.9	25.3
153	13.5	11.2	16.8





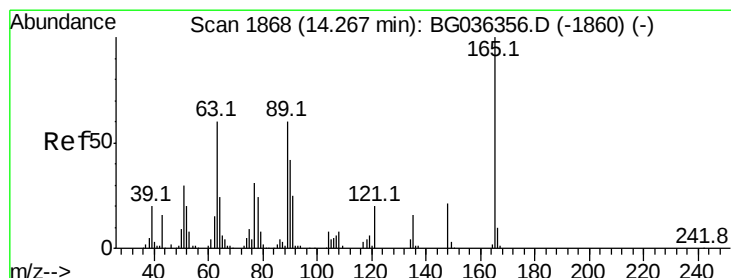
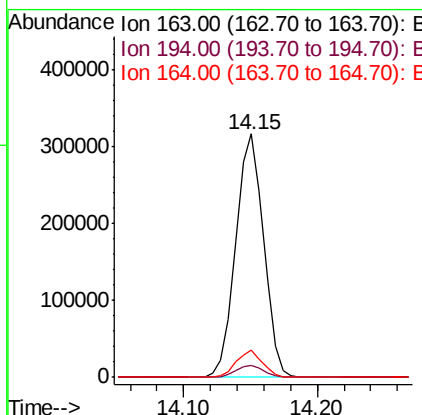
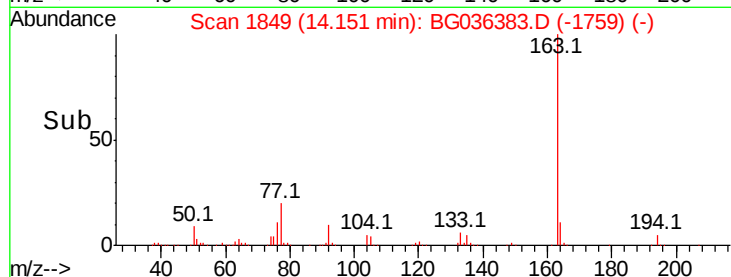
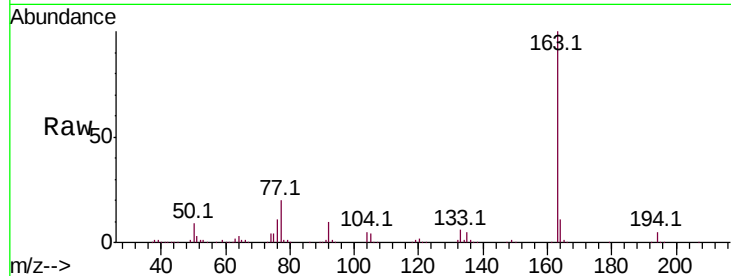
#49
Dimethylphthalate
Concen: 41.327 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	458047		
194	4.8		4.0	6.0
164	11.2		8.1	12.1

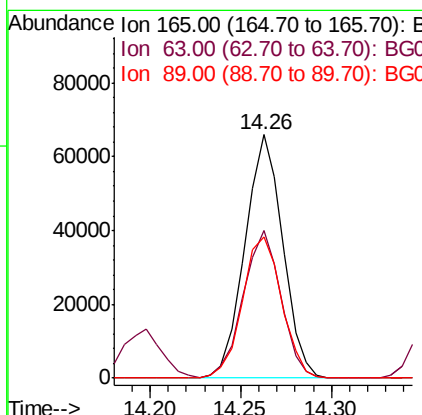
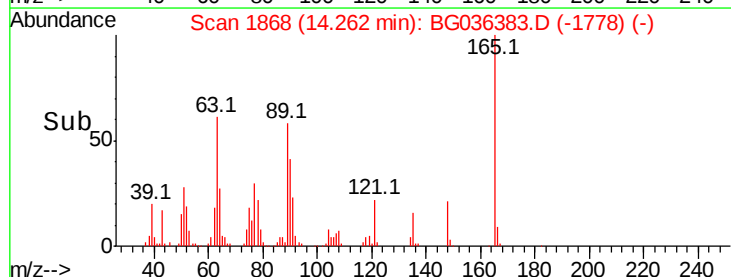
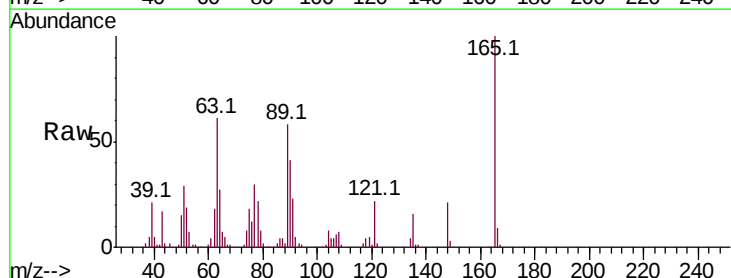
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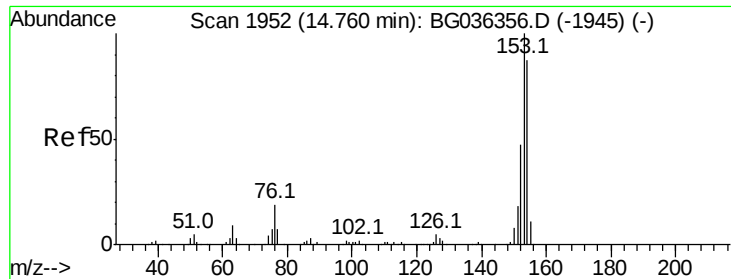
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#50
2,6-Dinitrotoluene
Concen: 41.923 ng
RT: 14.26 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95613		
63	60.7		50.1	75.1
89	57.8		47.8	71.6





#51

Acenaphthene

Concen: 42.807 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

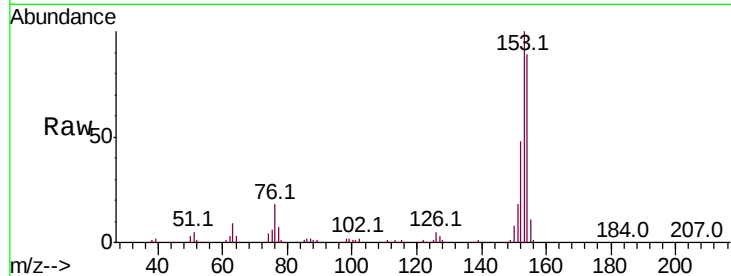
ClientSampleId :

PB112153BS

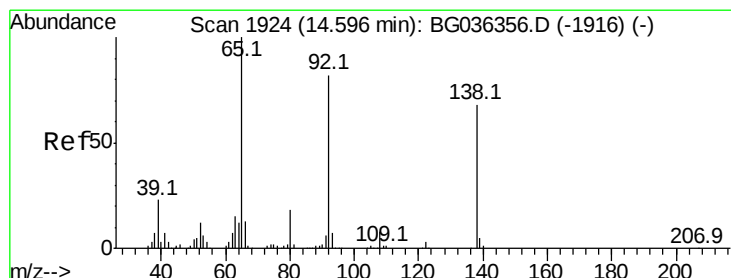
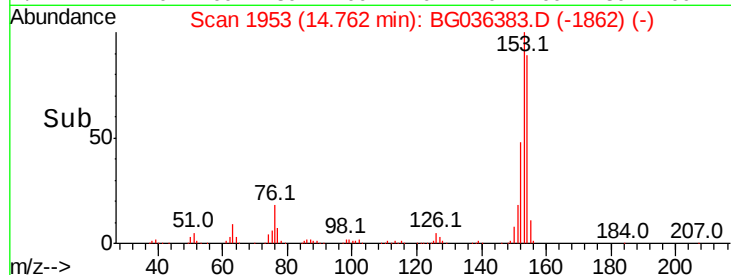
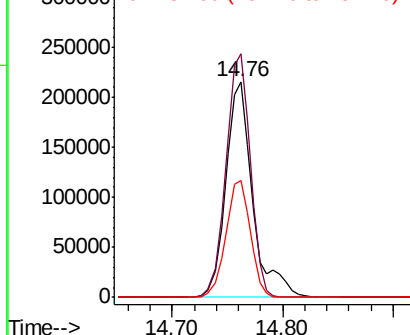
Tot Ion	154	Resp	368536
Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.8	137.6
152	54.4	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.670 ng

RT: 14.59 min Scan# 1923

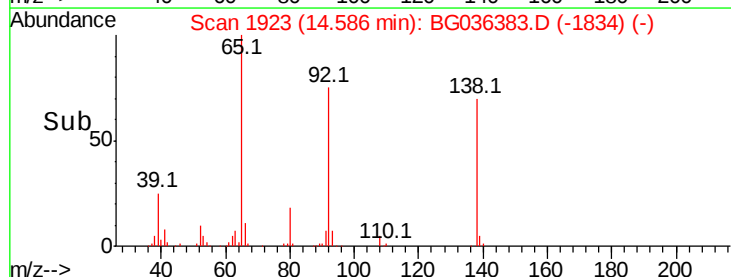
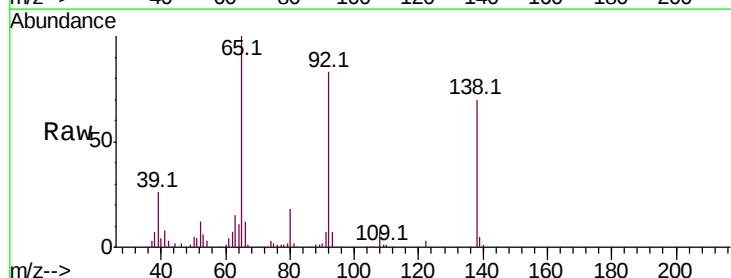
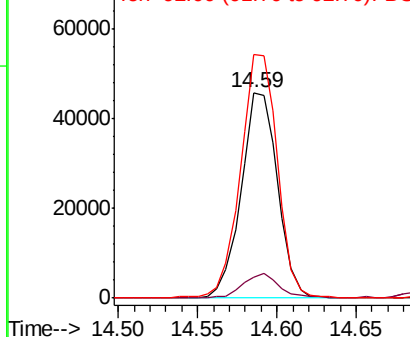
Delta R.T. -0.01 min

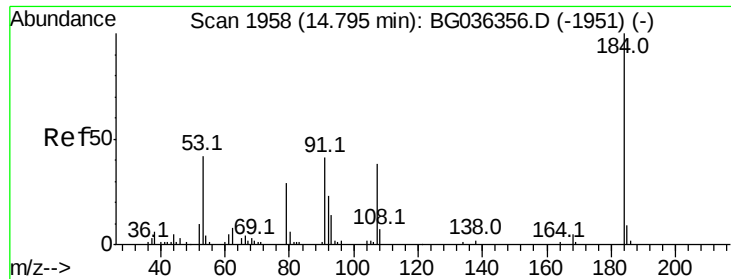
Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion	138	Resp	72921
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.2
92	118.6	96.8	145.2

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





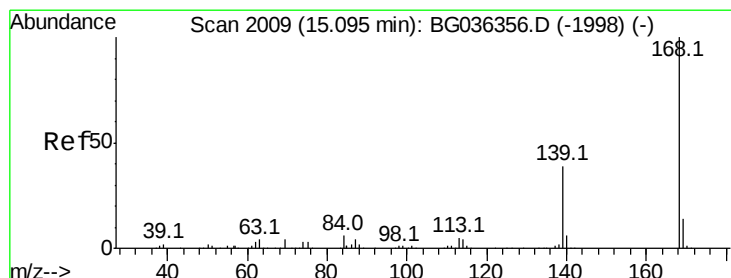
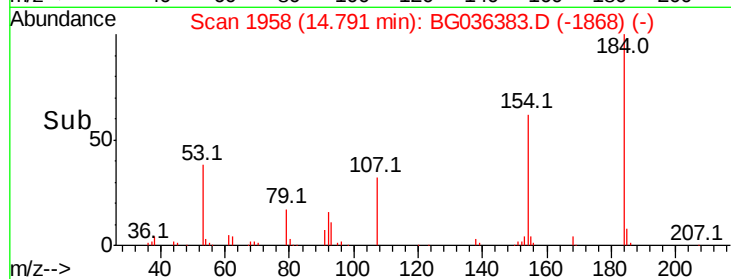
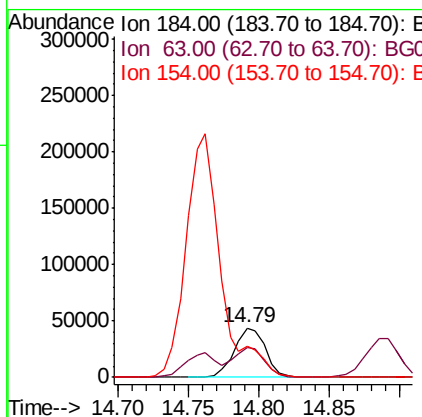
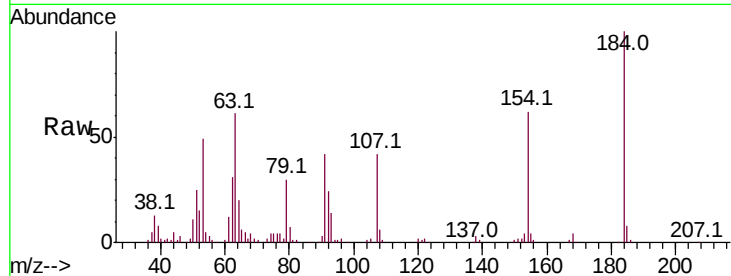
#53
2,4-Dinitrophenol
Concen: 79.257 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.7	47.3	70.9
154	62.2	51.1	76.7

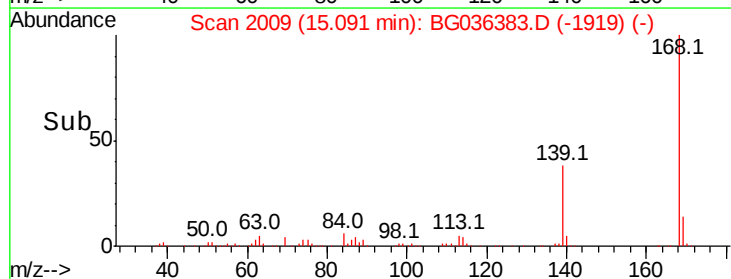
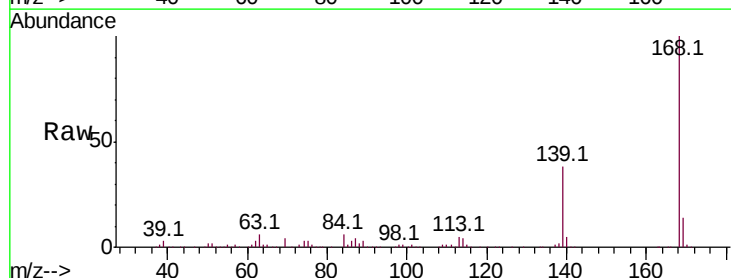
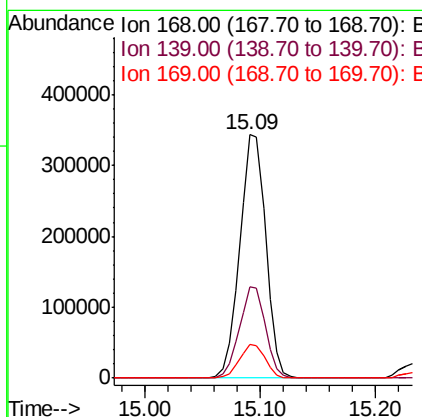
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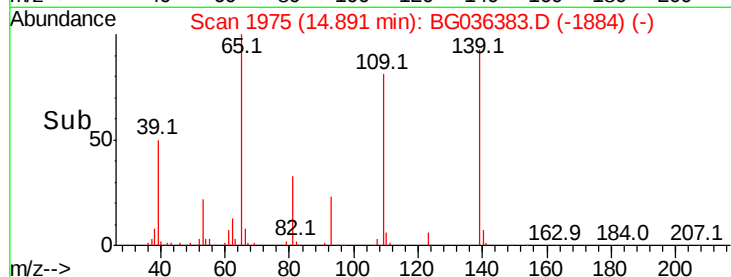
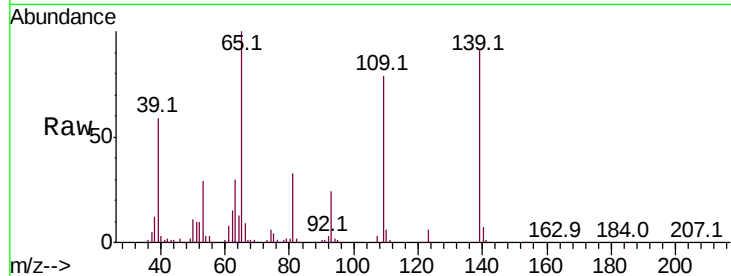
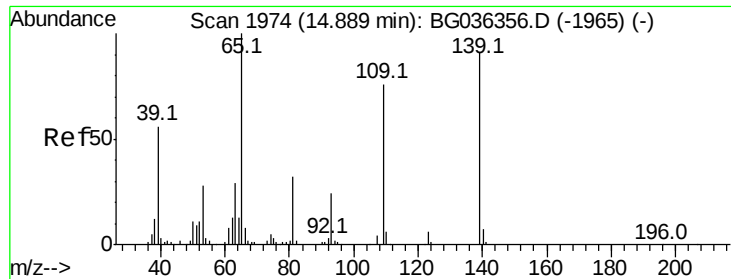
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#54
Dibenzofuran
Concen: 39.761 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.0	46.6
169	14.1	11.1	16.7





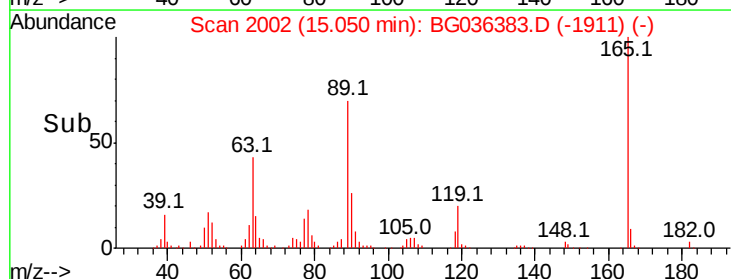
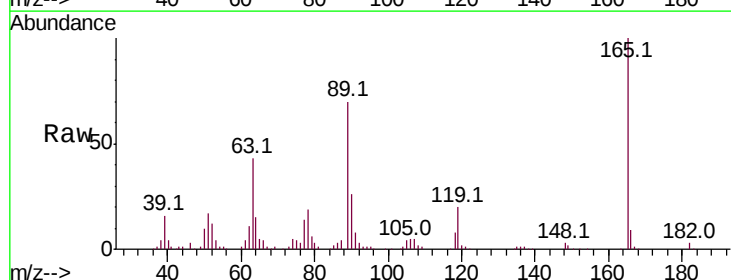
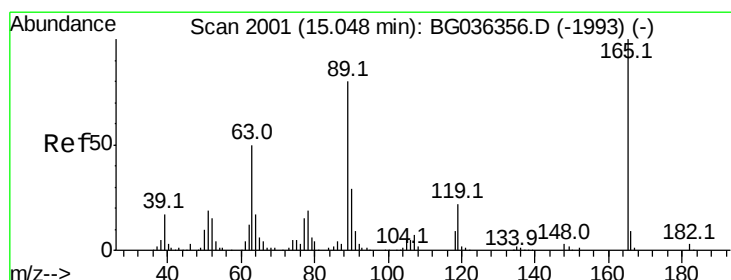
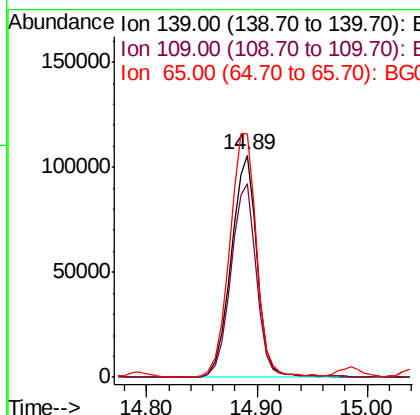
#55
4-Nitrophenol
Concen: 86.287 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	173395		
109	87.0	63.9	103.9	
65	109.5	90.0	130.0	

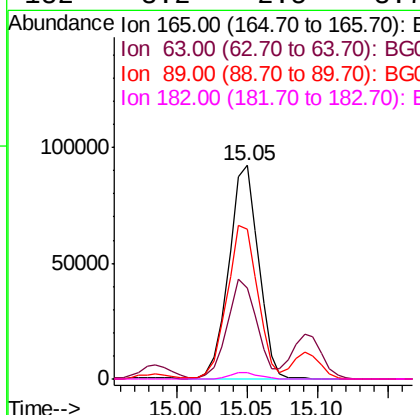
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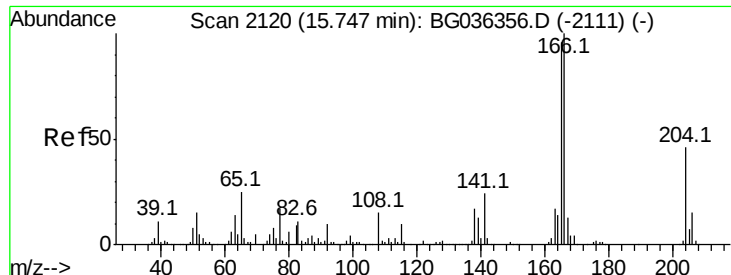
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#56
2,4-Dinitrotoluene
Concen: 45.338 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134762		
63	42.8	40.1	60.1	
89	70.2	63.7	95.5	
182	3.2	2.5	3.7	





#57

Fluorene

Concen: 42.910 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

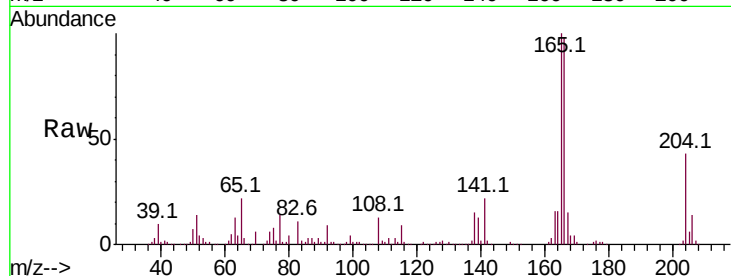
ClientSampleId :

PB112153BS

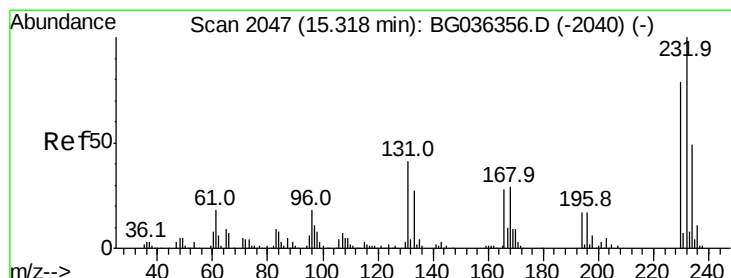
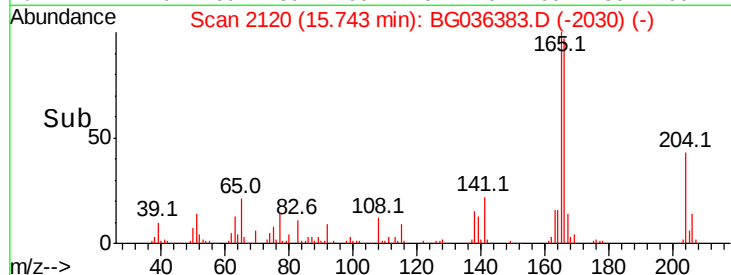
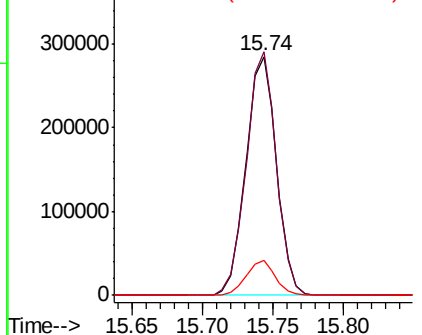
Tot Ion:	166	Resp:	432664
Ion Ratio	Lower	Upper	
166	100		
165	101.8	77.0	115.4
167	14.9	10.6	16.0

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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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.982 ng

RT: 15.31 min Scan# 2047

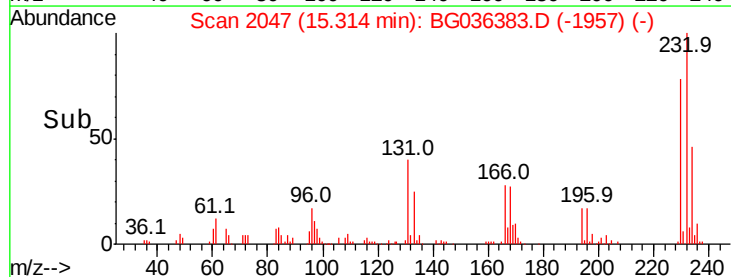
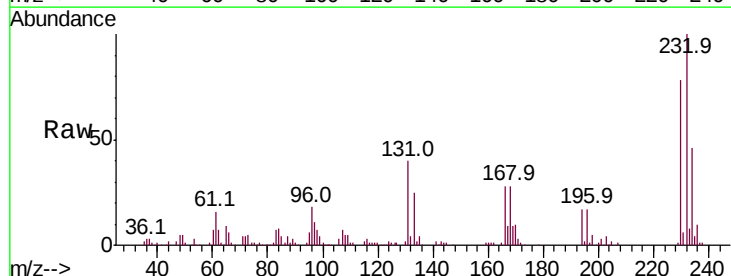
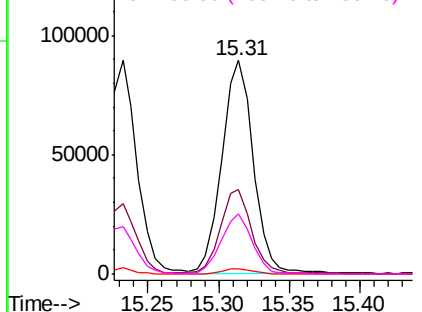
Delta R.T. -0.00 min

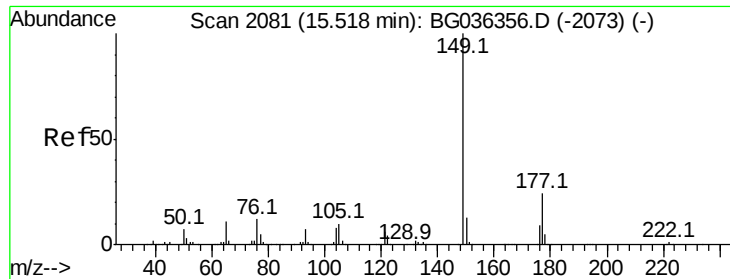
Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	232	Resp:	137765
Ion Ratio	Lower	Upper	
232	100		
131	39.0	33.8	50.8
130	2.6	2.1	3.1
166	28.5	22.3	33.5

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





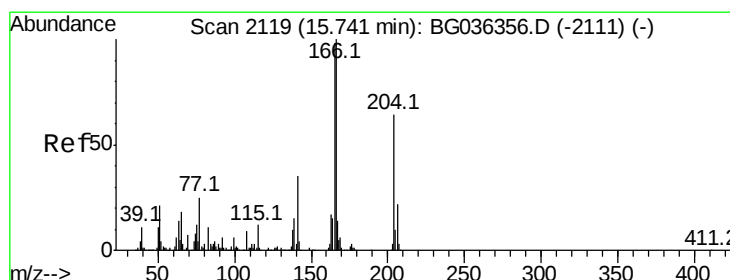
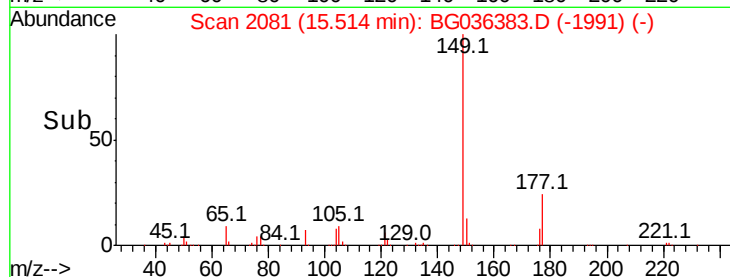
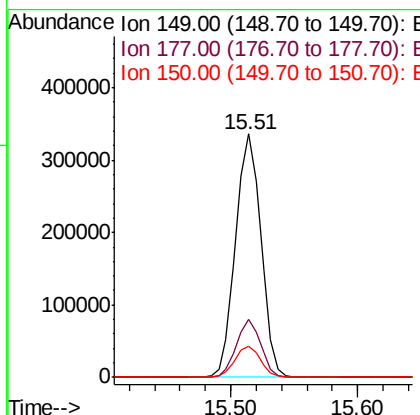
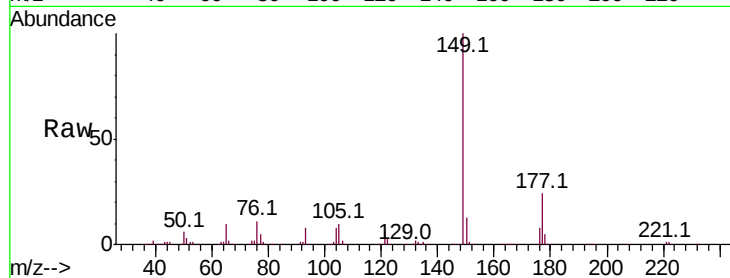
#59
Diethylphthalate
Concen: 41.667 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465410		
177	23.8	19.1	28.7	
150	13.0	10.7	16.1	

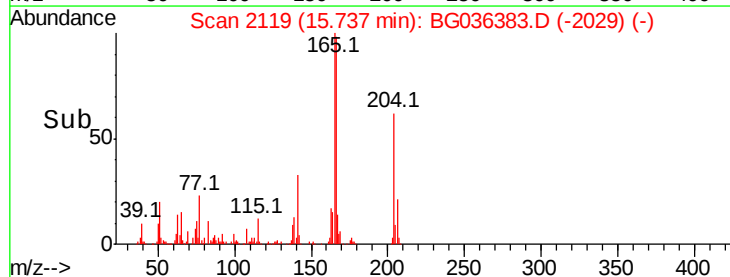
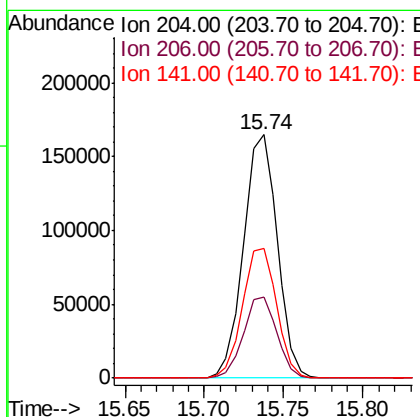
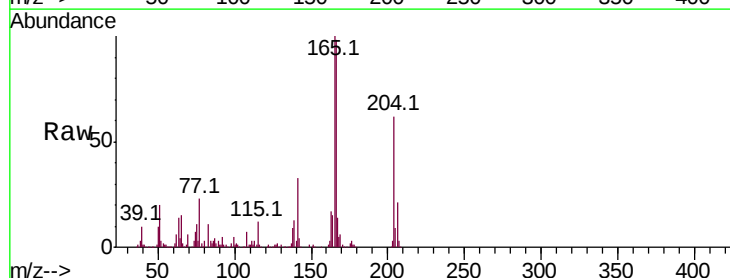
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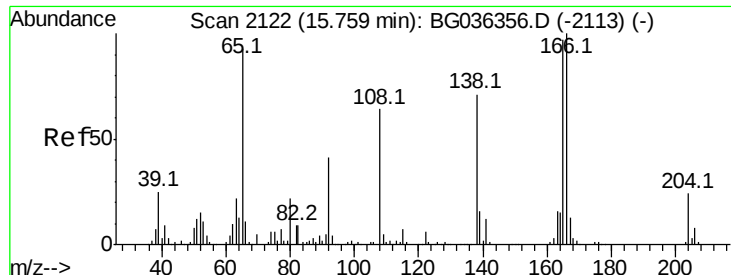
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.214 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	244153		
206	33.2	27.0	40.4	
141	53.4	43.8	65.6	





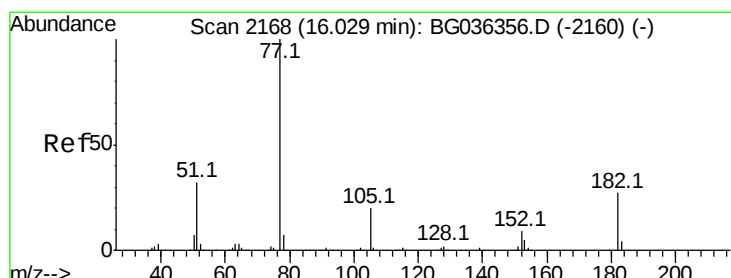
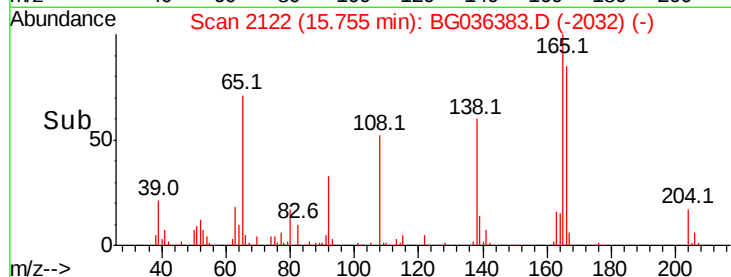
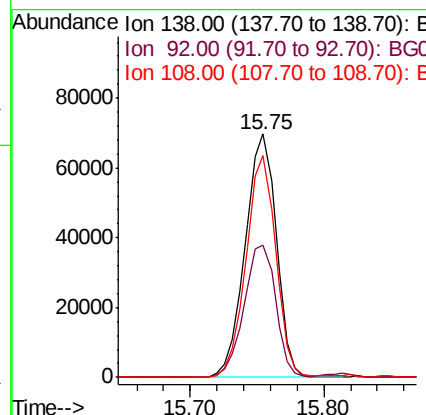
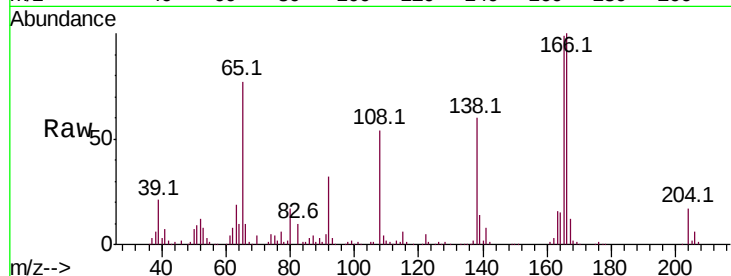
#61
4-Nitroaniline
Concen: 43.597 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion:138 Resp: 112126
Ion Ratio Lower Upper
138 100
92 54.2 38.5 78.5
108 91.0 70.3 110.3

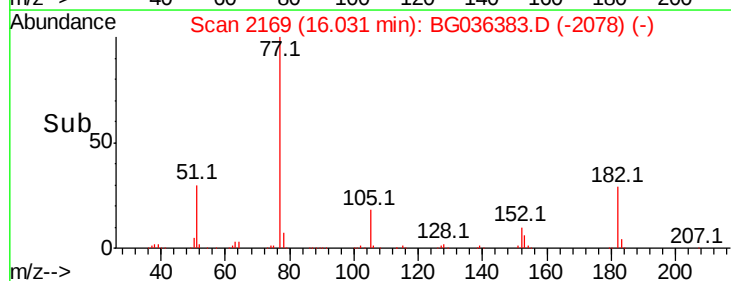
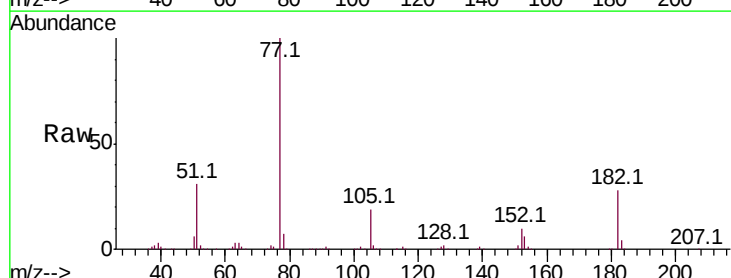
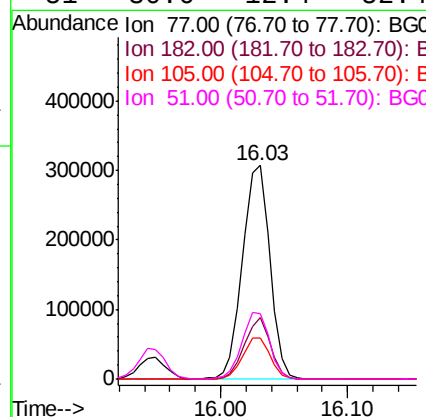
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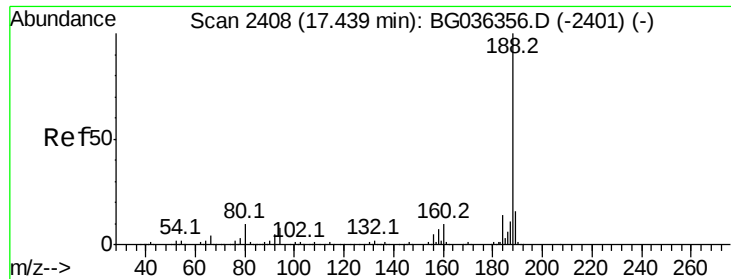
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#62
Azobenzene
Concen: 40.272 ng
RT: 16.03 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion: 77 Resp: 457692
Ion Ratio Lower Upper
77 100
182 28.5 6.7 46.7
105 19.1 0.0 39.8
51 30.6 12.4 52.4





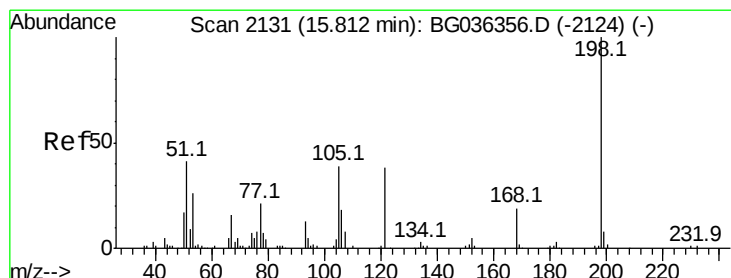
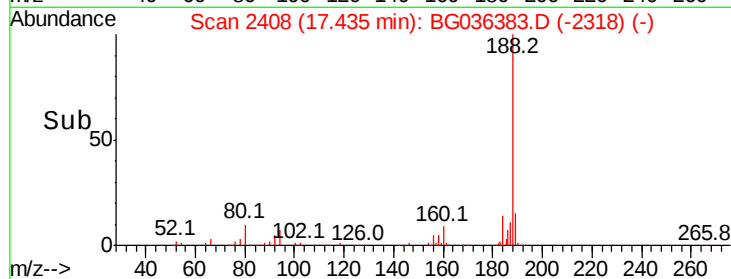
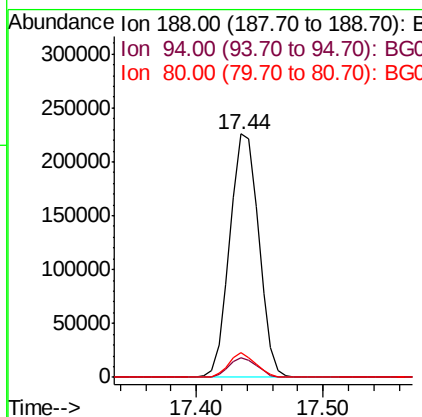
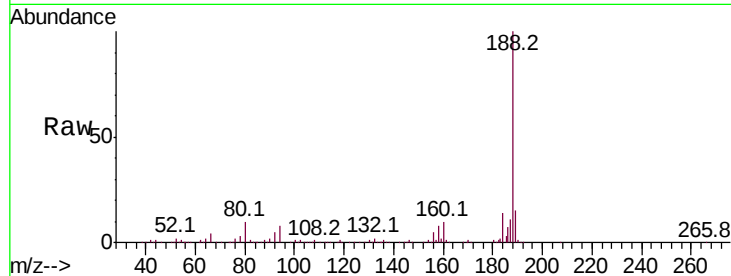
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	356435		
94	8.1		6.7	10.1
80	10.0		8.1	12.1

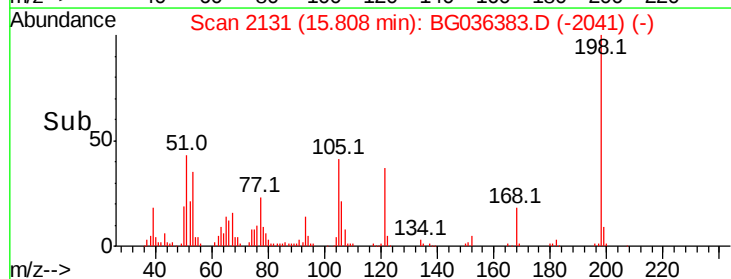
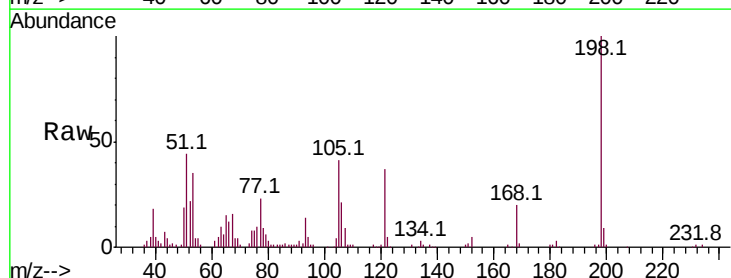
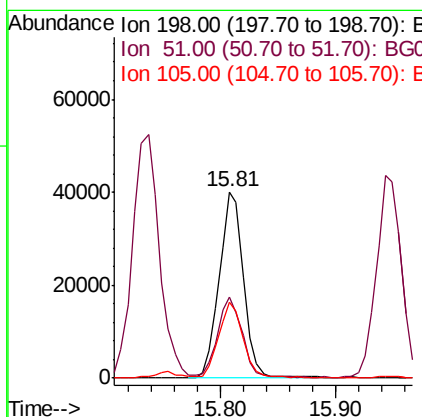
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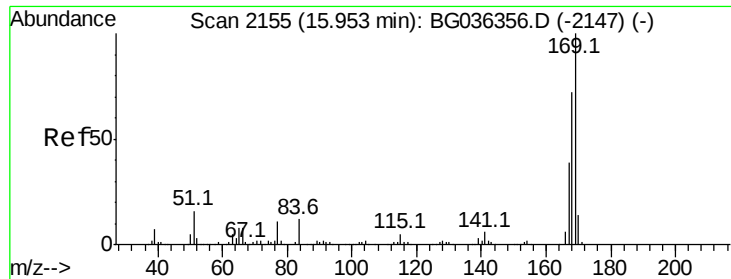
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.253 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58329		
51	43.7		26.5	66.5
105	40.5		20.2	60.2





#65

n-Nitrosodiphenylamine

Concen: 38.321 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

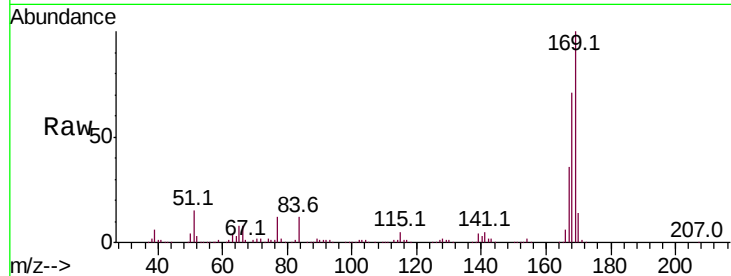
ClientSampleId :

PB112153BS

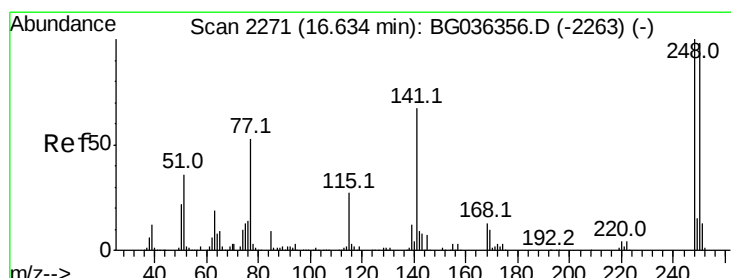
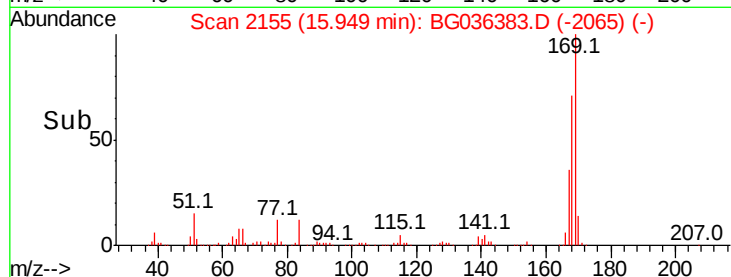
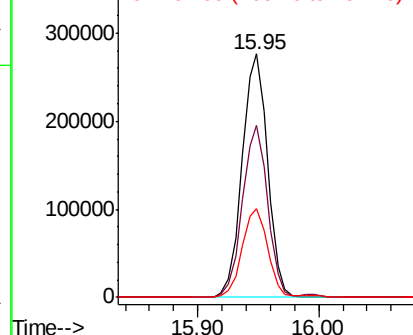
Tot Ion:	169	Resp:	405855
Ion Ratio	Lower	Upper	
169	100		
168	70.6	57.6	86.4
167	36.2	31.0	46.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.916 ng

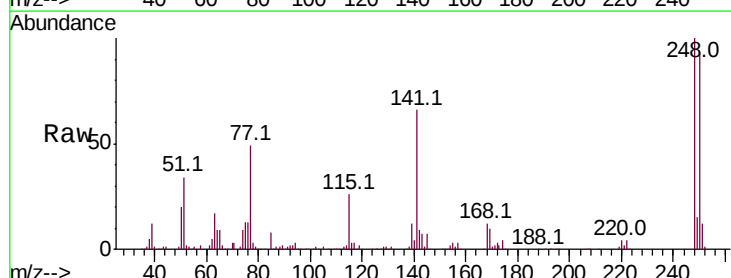
RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

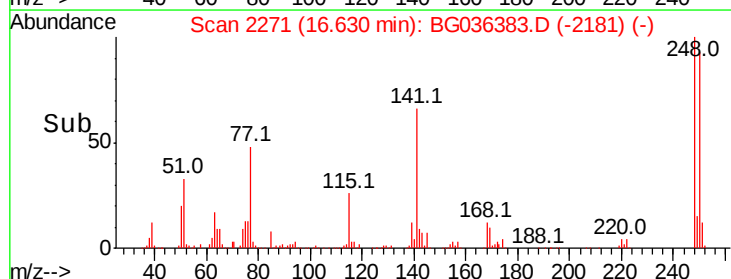
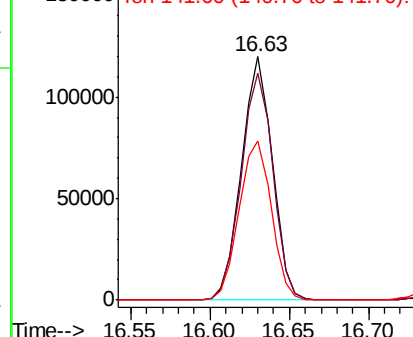
Lab File: BG036383.D

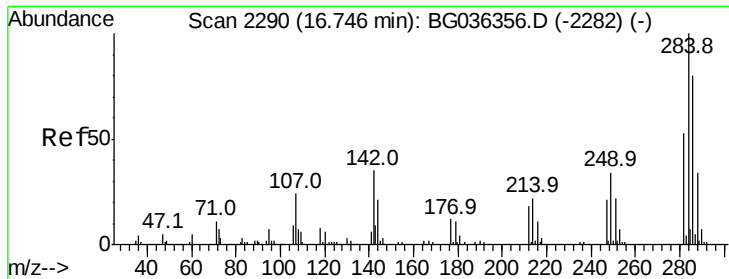
Acq: 23 Aug 2018 18:51

Tgt Ion:	248	Resp:	162403
Ion Ratio	Lower	Upper	
248	100		
250	93.4	78.1	117.1
141	65.6	53.7	80.5



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





#67

Hexachlorobenzene

Concen: 38.545 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

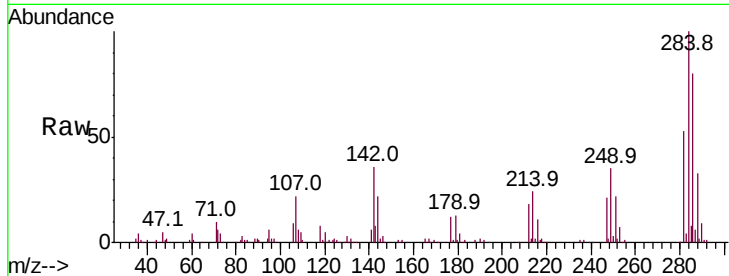
ClientSampleId :

PB112153BS

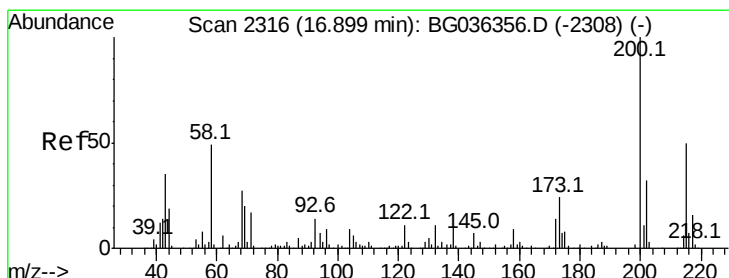
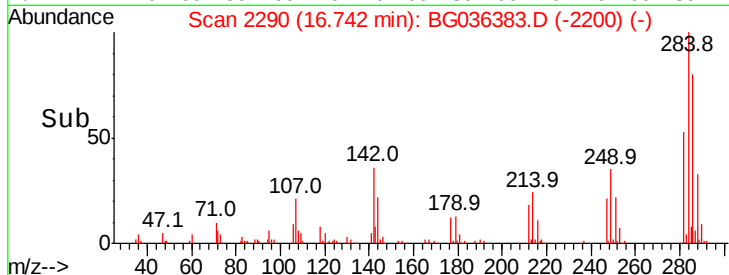
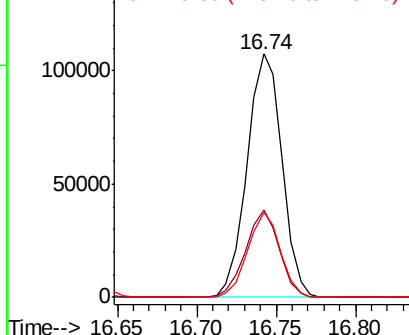
Tot Ion:	284	Resp:	164477
Ion Ratio		Lower	Upper
284	100		
142	36.0	27.8	41.6
249	35.0	27.4	41.2

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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



#68

Atrazine

Concen: 43.414 ng

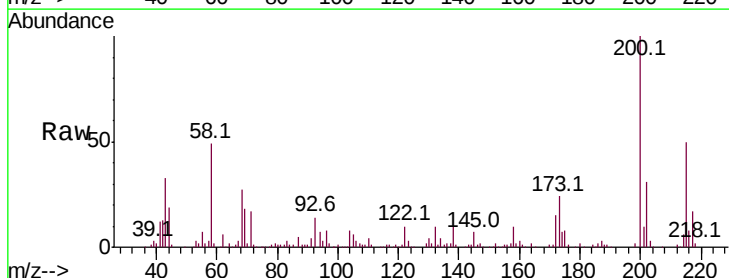
RT: 16.89 min Scan# 2316

Delta R.T. -0.00 min

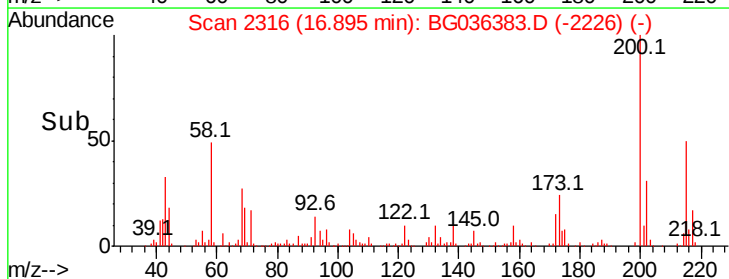
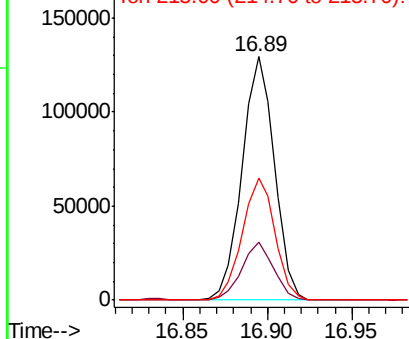
Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	200	Resp:	172582
Ion Ratio		Lower	Upper
200	100		
173	23.9	3.9	43.9
215	49.9	30.4	70.4



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





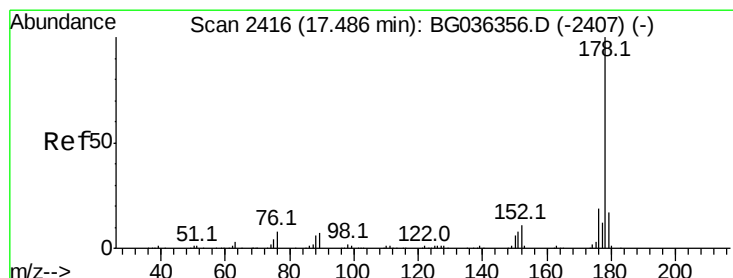
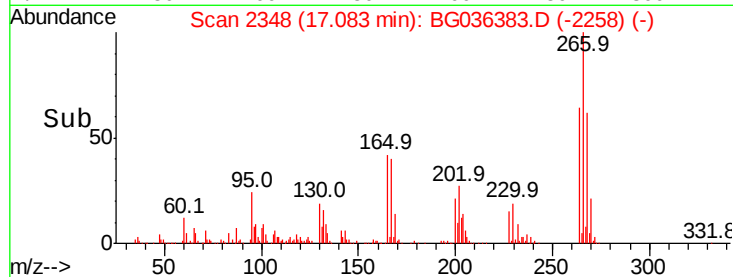
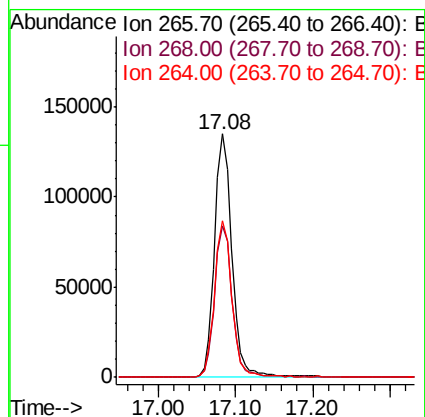
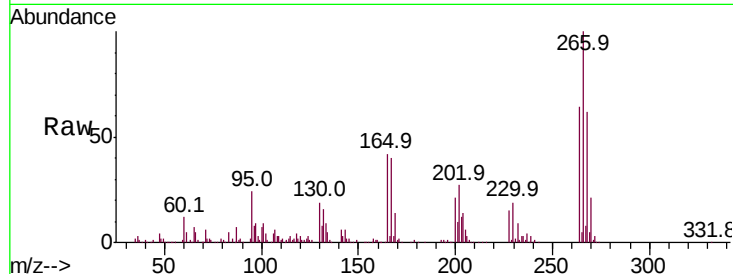
#69
 Pentachlorophenol
 Concen: 72.867 ng
 RT: 17.08 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion:	266	Resp:	211324
Ion Ratio		Lower	Upper
266	100		
268	62.4	51.4	77.2
264	64.5	48.9	73.3

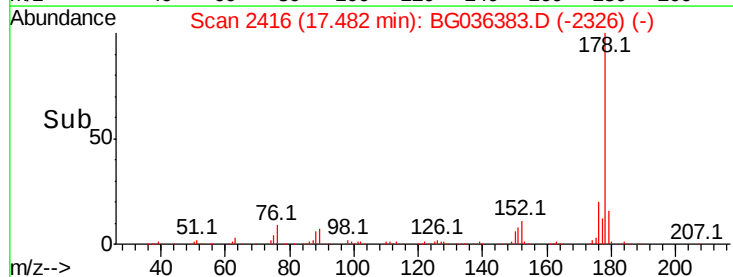
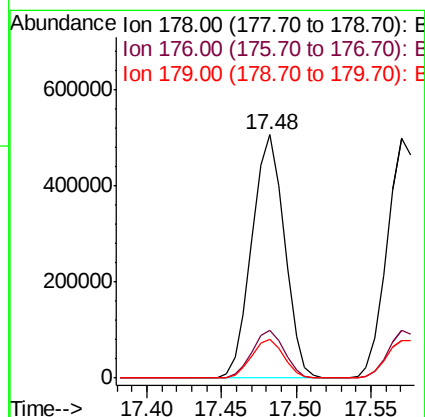
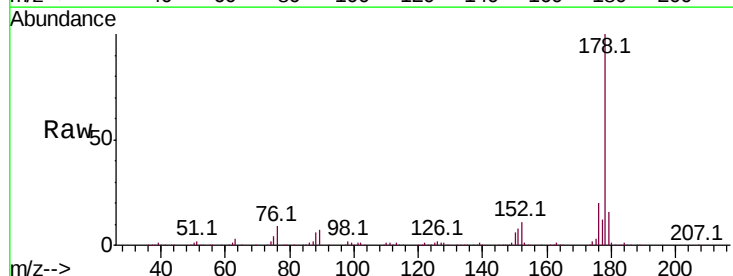
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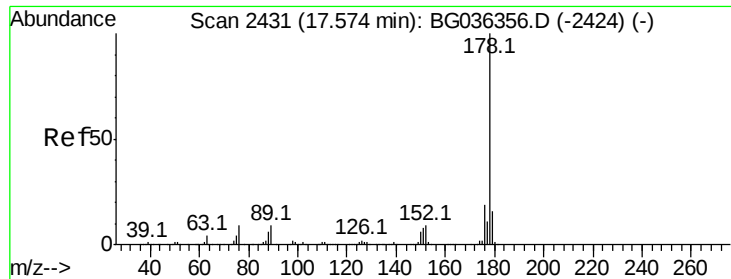
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#70
 Phenanthrene
 Concen: 42.199 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion:	178	Resp:	764285
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.9	13.4	20.2





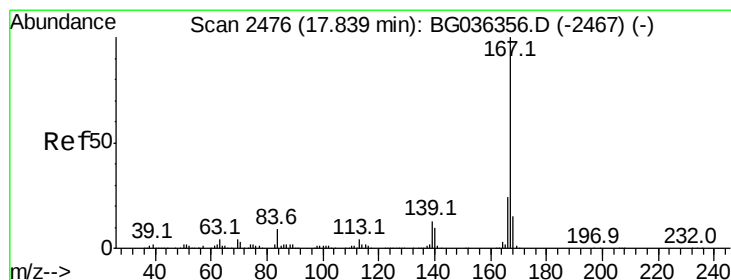
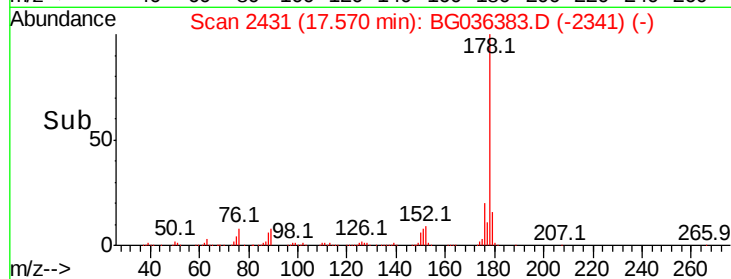
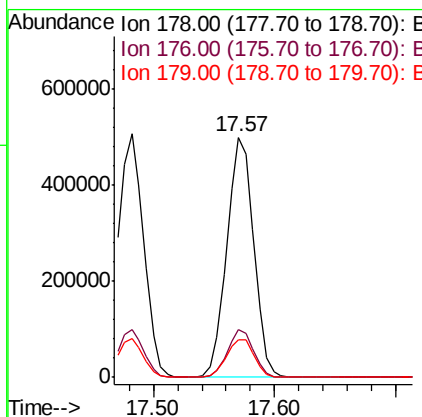
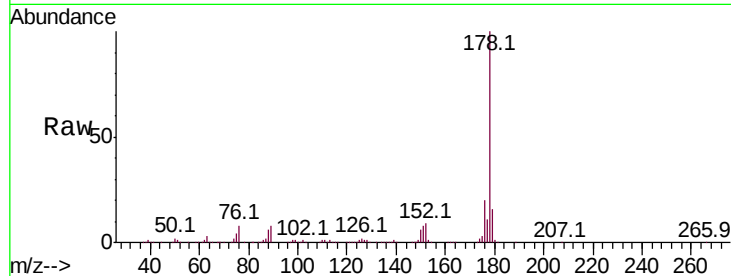
#71
 Anthracene
 Concen: 42.630 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	15.4	23.2	
179	15.6	13.0	19.4	

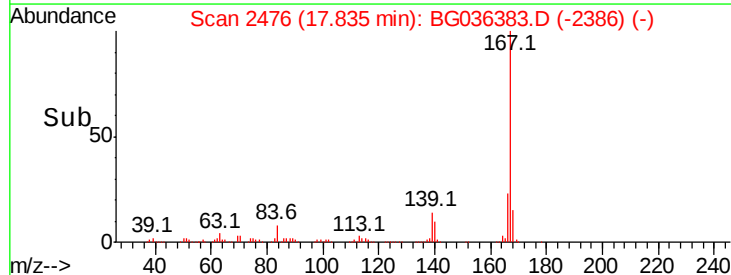
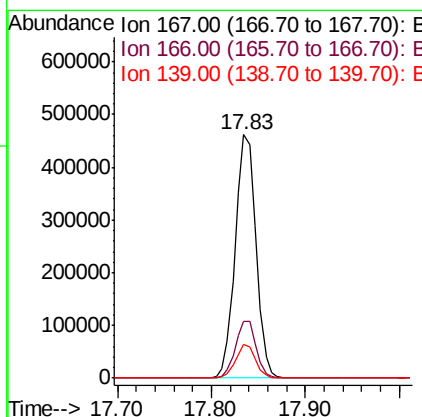
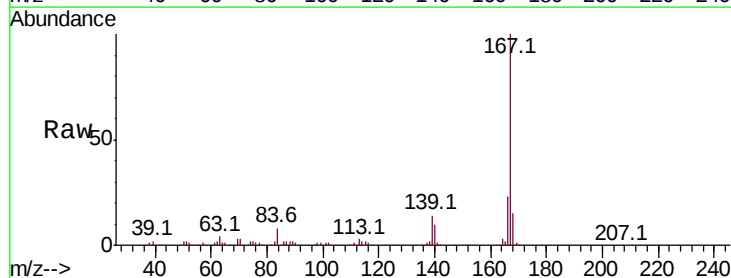
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#72
 Carbazole
 Concen: 39.394 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.1	19.5	29.3	
139	13.9	10.7	16.1	





#73

Di-n-butylphthalate

Concen: 41.244 ng

RT: 18.40 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

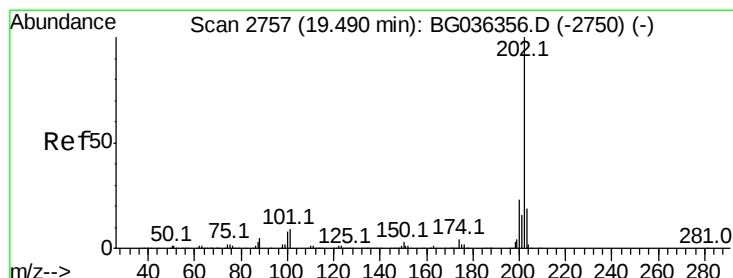
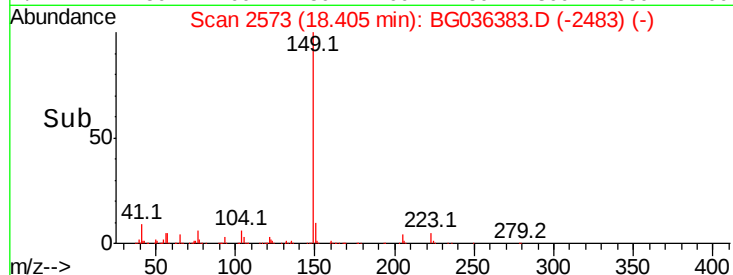
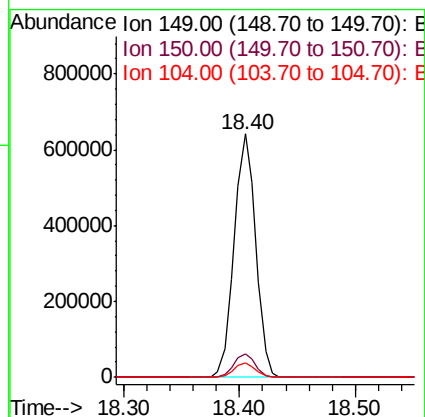
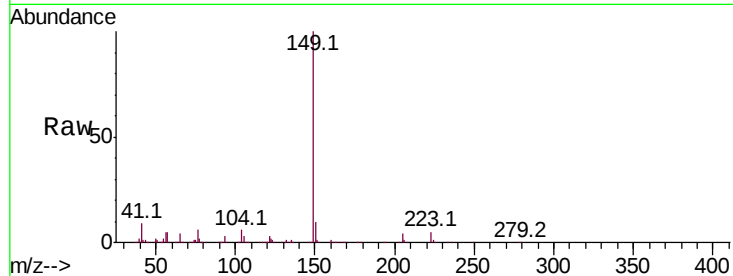
ClientSampleId :

PB112153BS

Tot Ion:	149	Resp:	828103
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	5.9	4.6	6.8

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#74

Fluoranthene

Concen: 43.743 ng

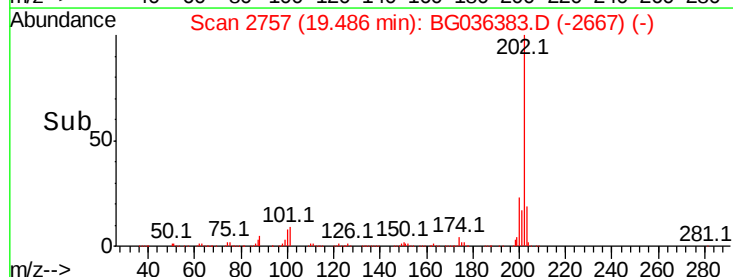
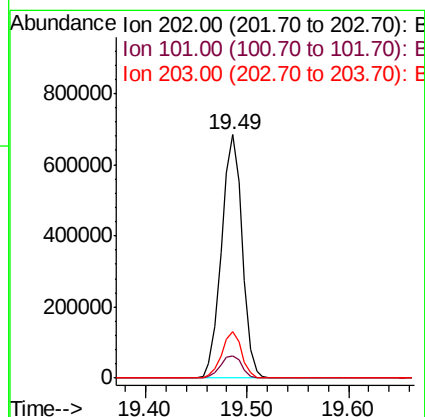
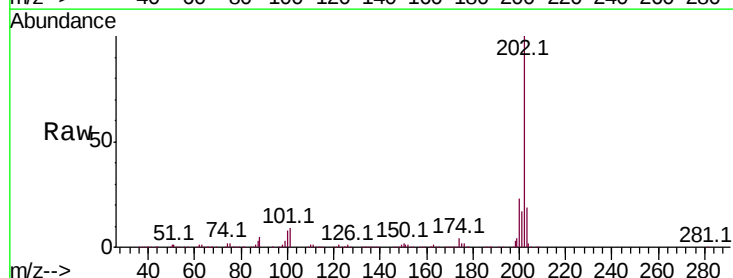
RT: 19.49 min Scan# 2757

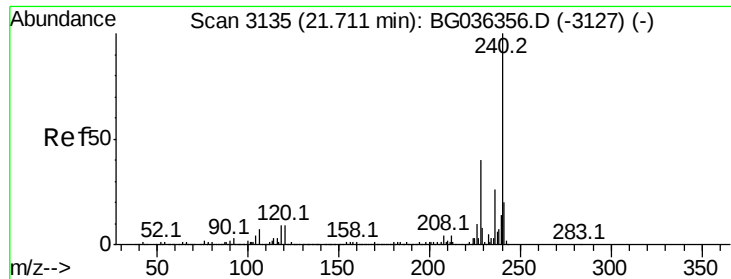
Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	202	Resp:	965929
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.4
203	19.1	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

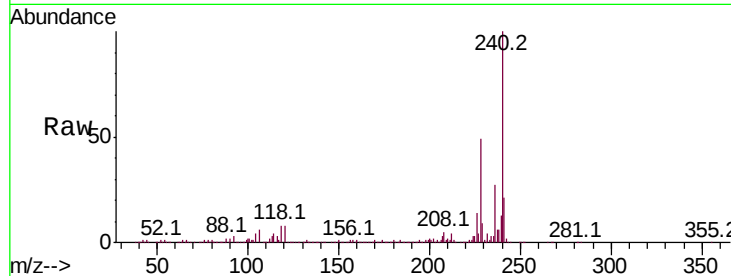
ClientSampleId :

PB112153BS

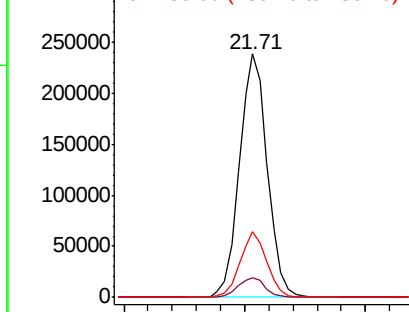
Tot Ion:	240	Resp:	382265
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.9	10.3
236	26.8	21.2	31.8

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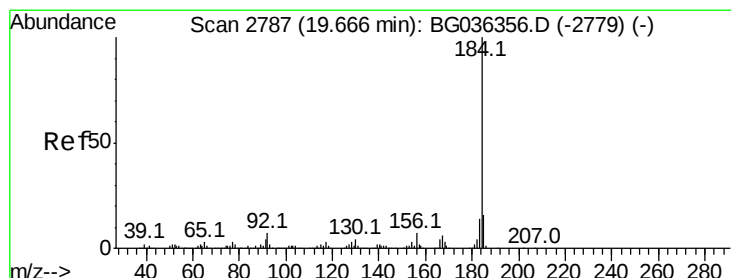
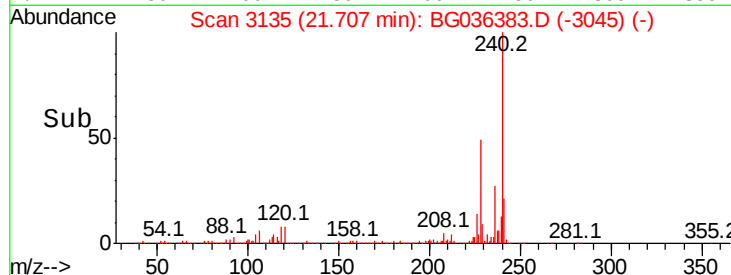
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#76

Benzidine

Concen: 41.265 ng

RT: 19.66 min Scan# 2787

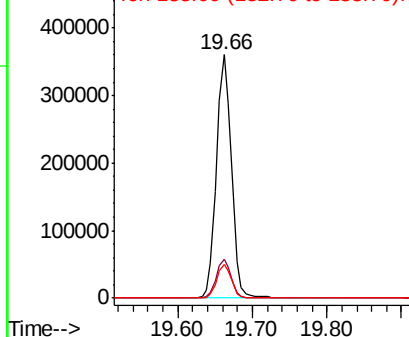
Delta R.T. -0.00 min

Lab File: BG036383.D

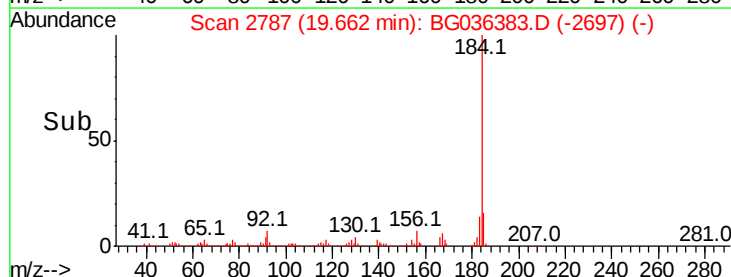
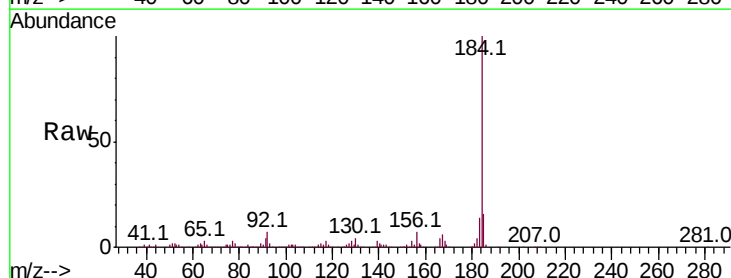
Acq: 23 Aug 2018 18:51

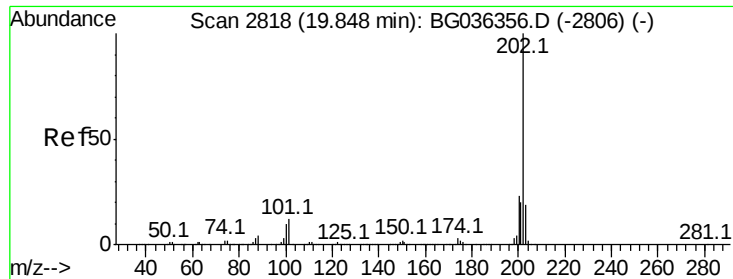
Tgt Ion:	184	Resp:	503263
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	13.8	10.9	16.3

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



Time--> 19.60 19.70 19.80





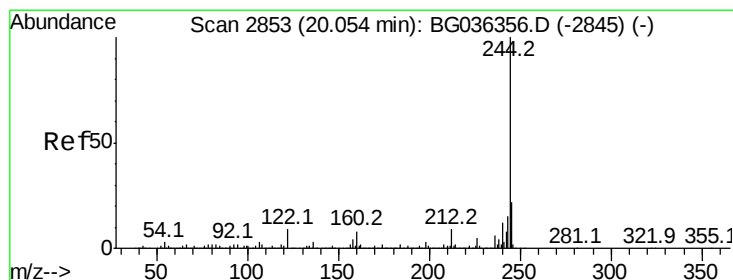
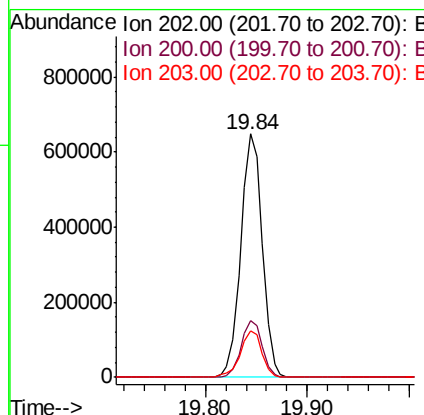
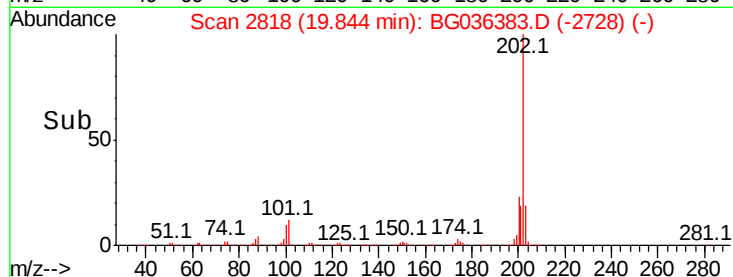
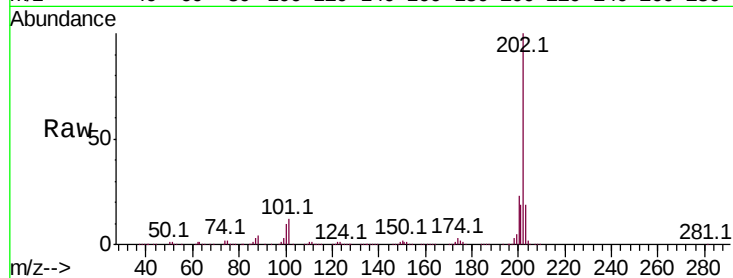
#77
Pvrene
Concen: 40.553 ng
RT: 19.84 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	23.3	18.3	27.5		
203	19.3	15.1	22.7		

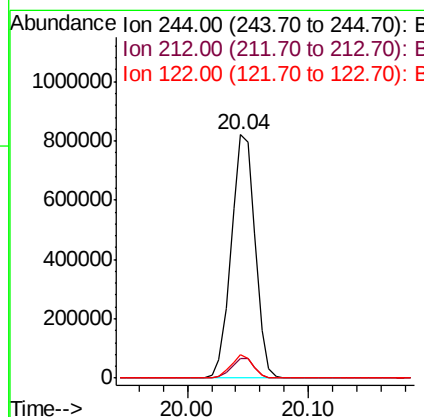
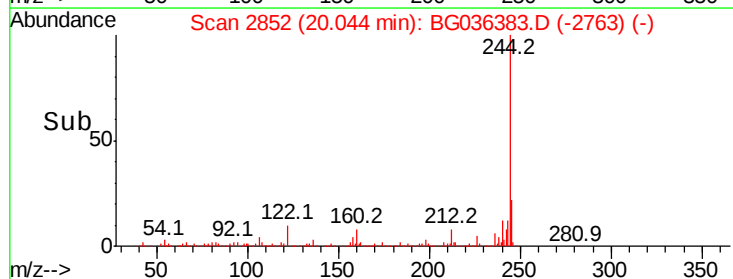
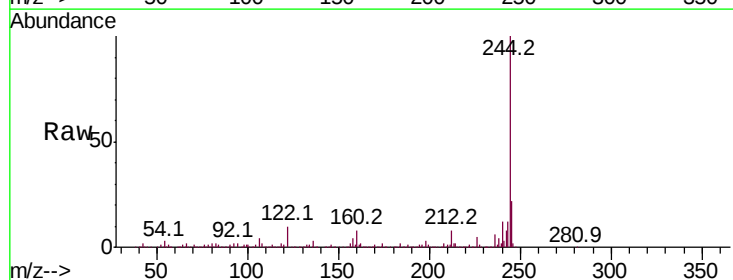
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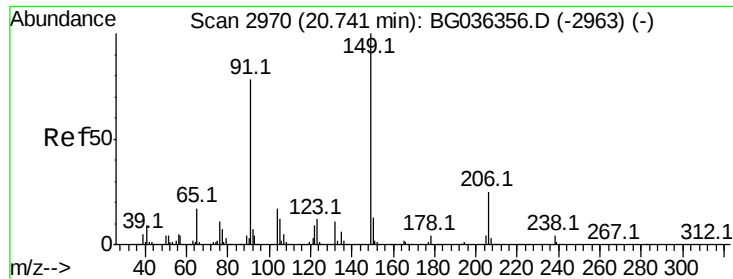
Sohil
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#78
Terphenyl-d14
Concen: 68.948 ng
RT: 20.04 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.3	7.0	10.6		
122	9.6	7.1	10.7		





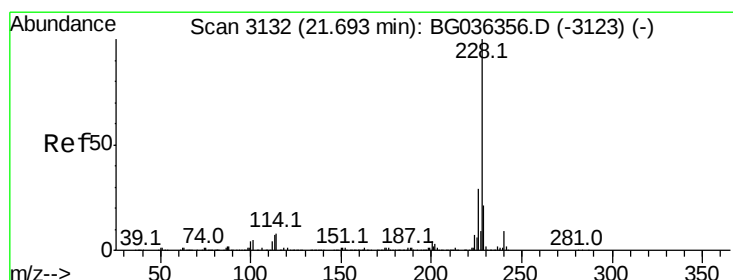
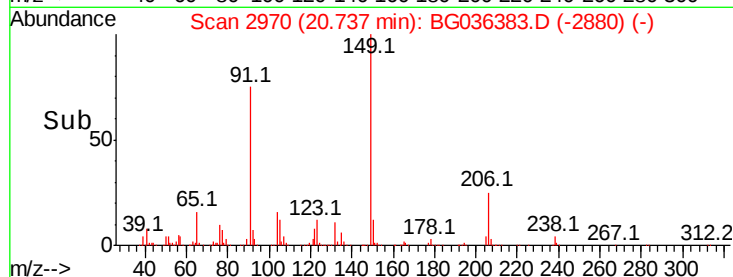
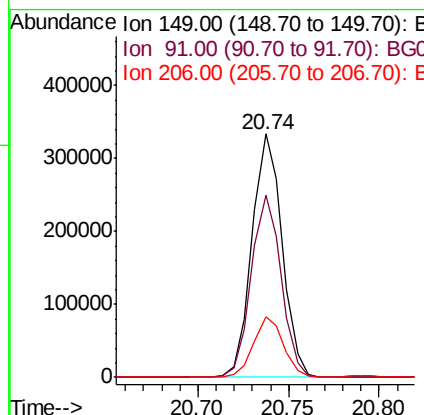
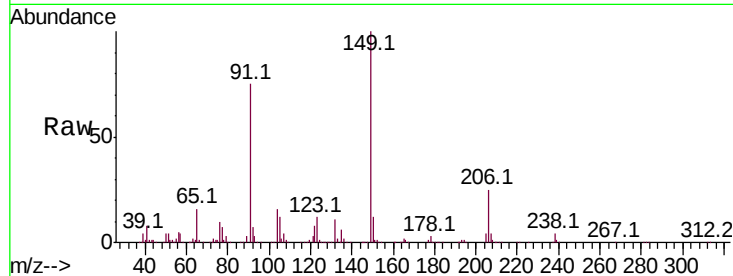
#79
Butylbenzylphthalate
Concen: 41.092 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	384424		
91	74.6	62.0	93.0	
206	24.7	19.6	29.4	

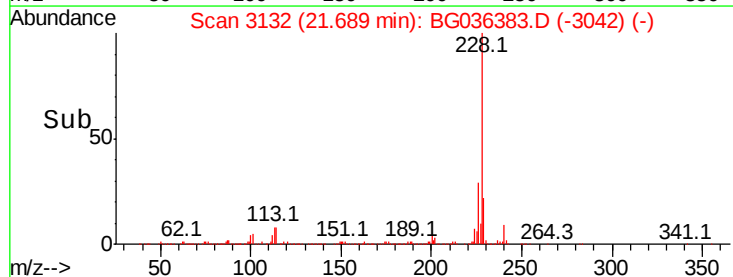
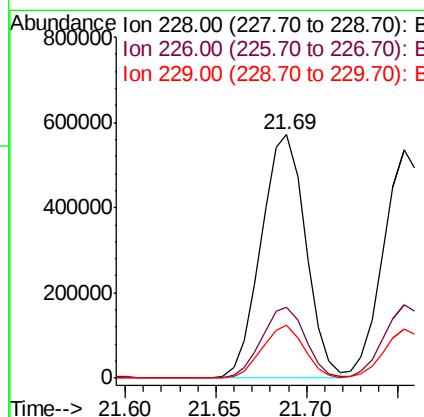
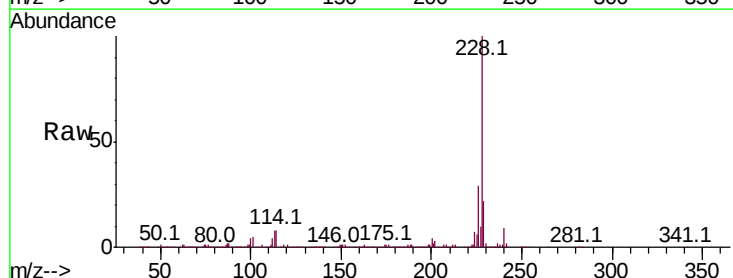
Manual Integrations
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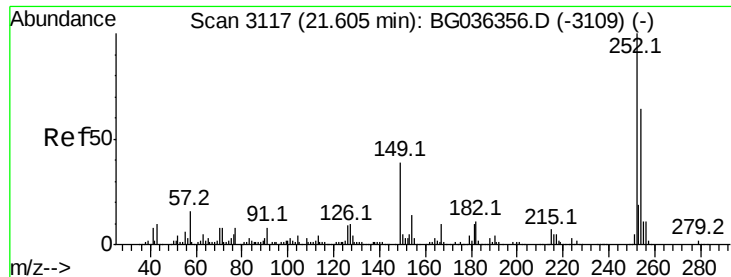
Sohil
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#80
Benzo(a)anthracene
Concen: 42.152 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	976158		
226	29.0	23.4	35.2	
229	21.6	17.1	25.7	





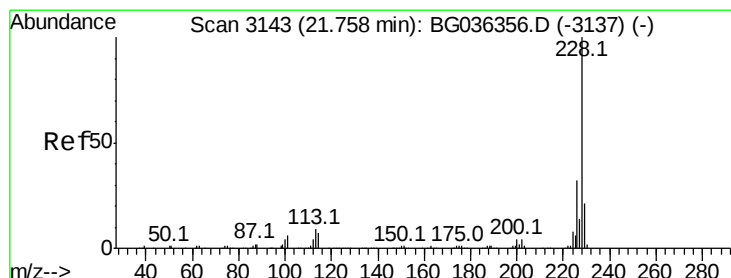
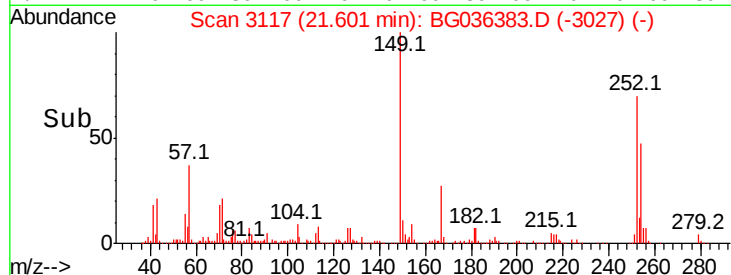
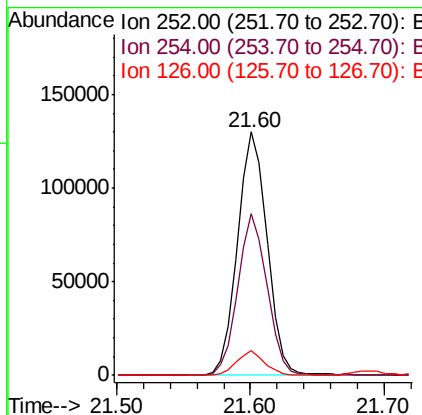
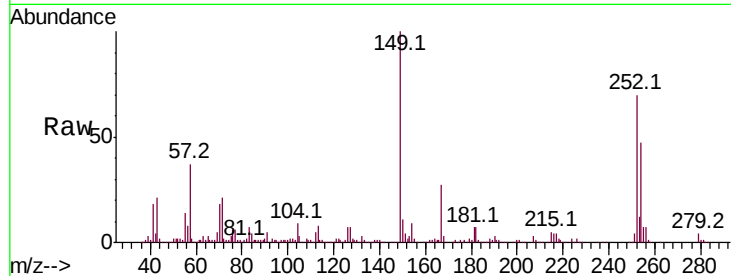
#81
 3,3'-Dichlorobenzidine
 Concen: 21.645 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	199771		
254	66.2	51.0	76.4	
126	10.0	7.4	11.0	

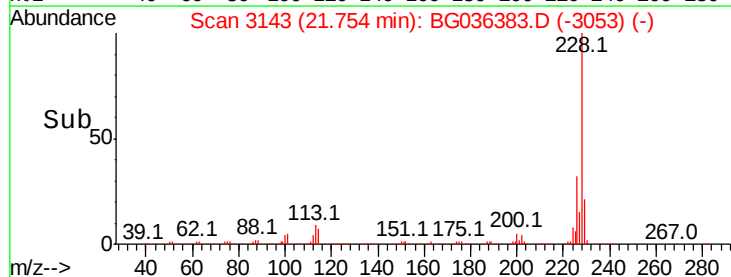
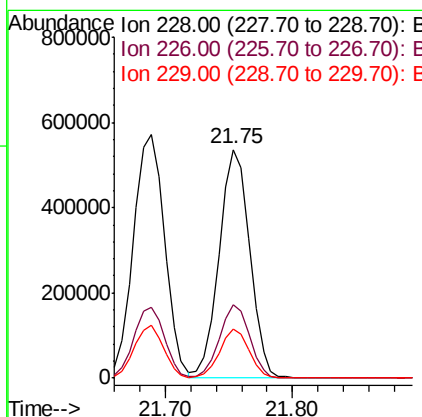
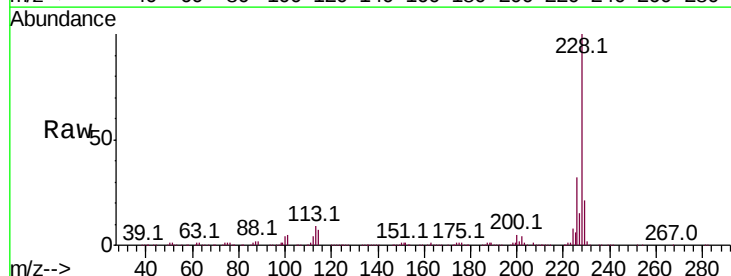
Manual Integrations
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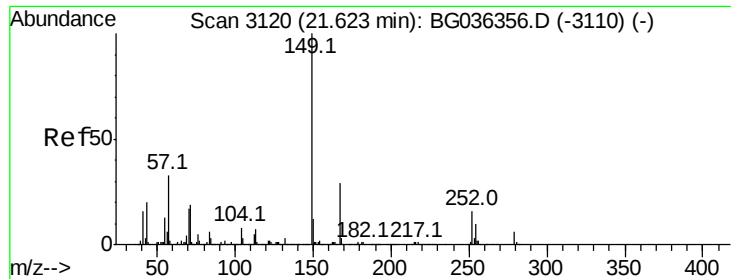
Sohil
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#82
 Chrysene
 Concen: 40.916 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	898150		
226	32.3	25.5	38.3	
229	21.3	16.9	25.3	





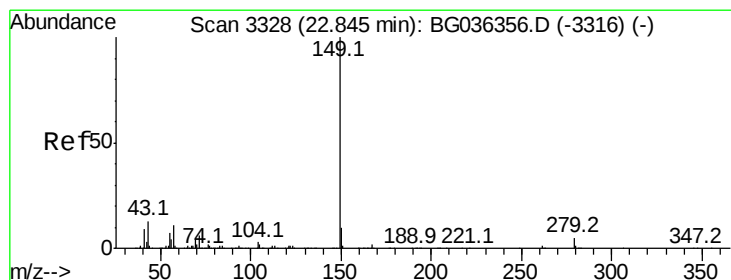
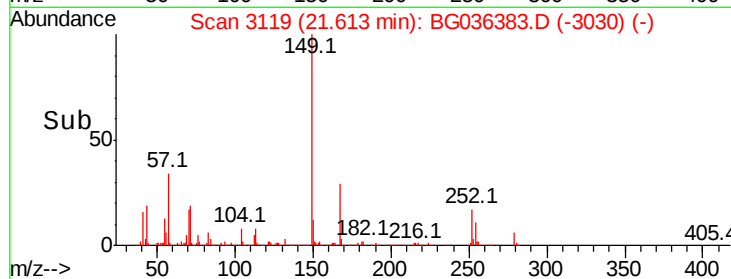
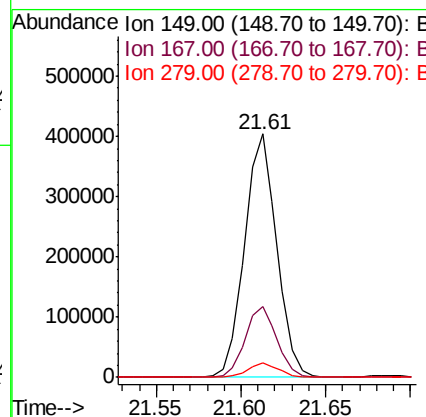
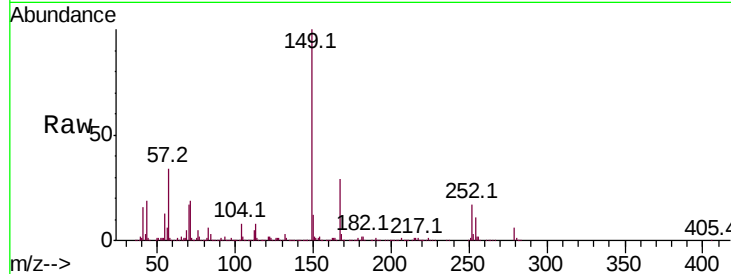
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.794 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.8	4.6	7.0

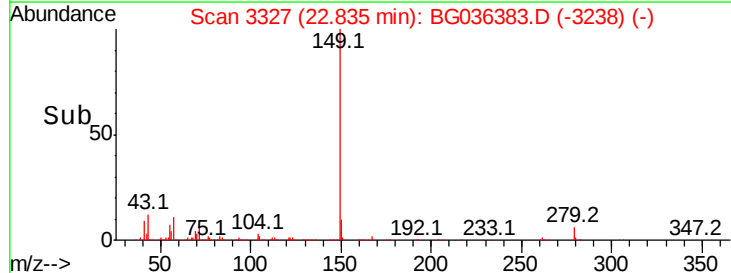
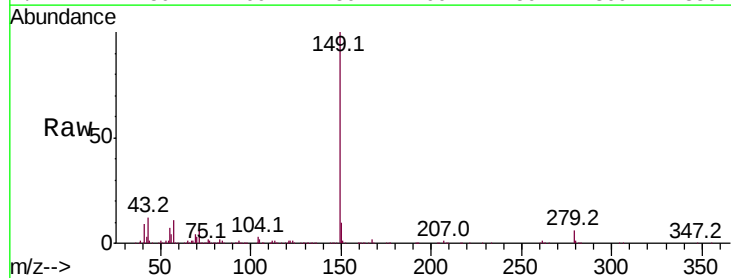
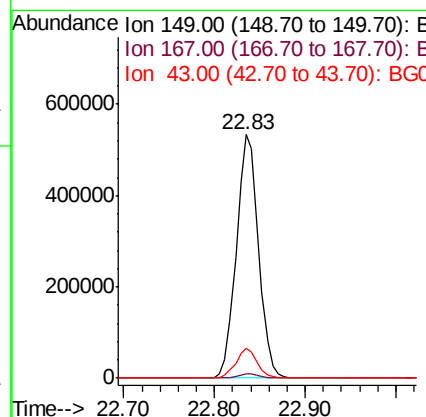
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 41.519 ng
 RT: 22.83 min Scan# 3327
 Delta R.T. -0.01 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	10.0	15.0





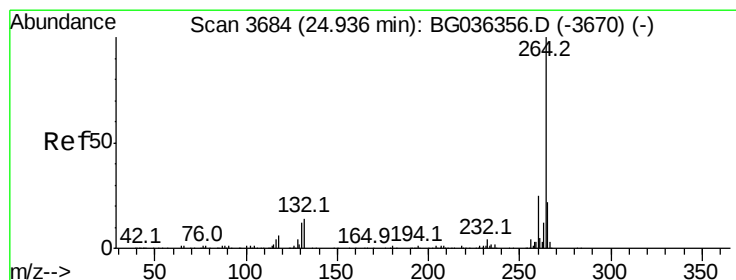
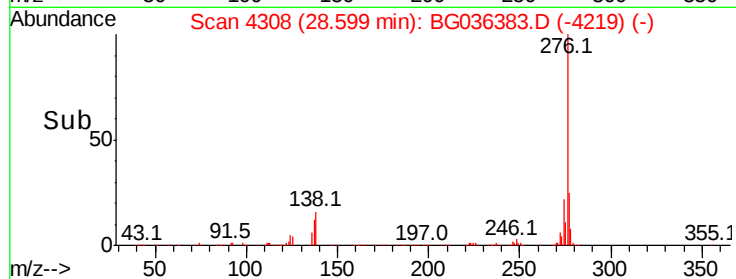
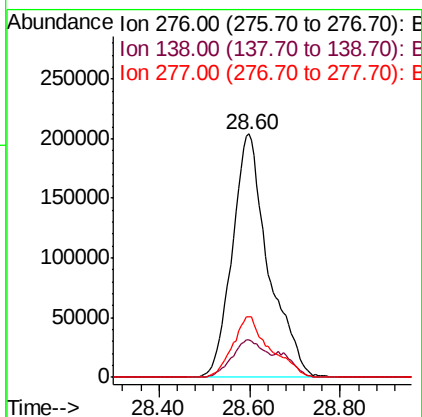
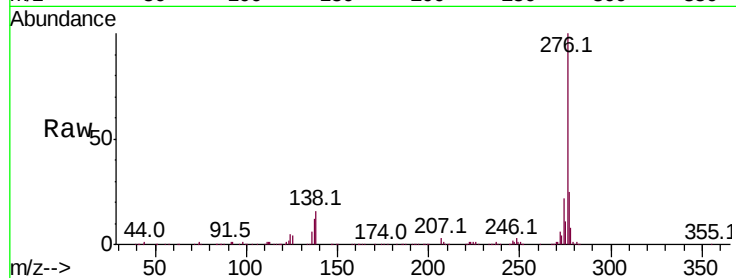
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.153 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.01 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.6	15.8
277	25.7	20.6	30.8

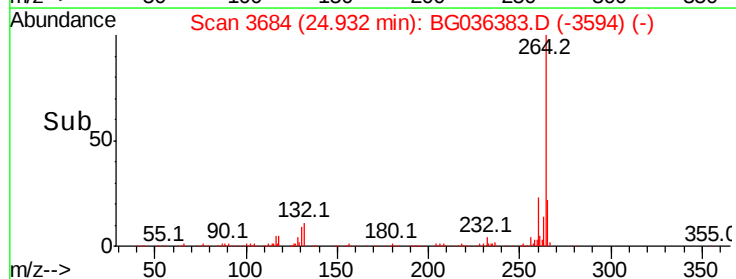
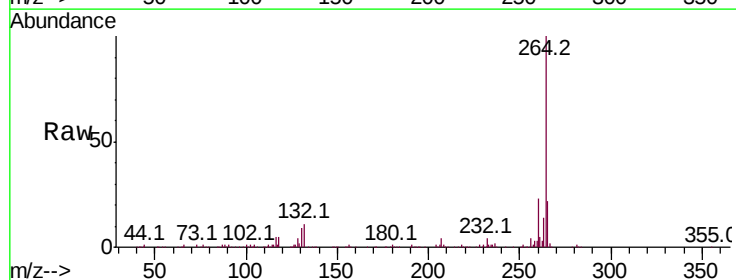
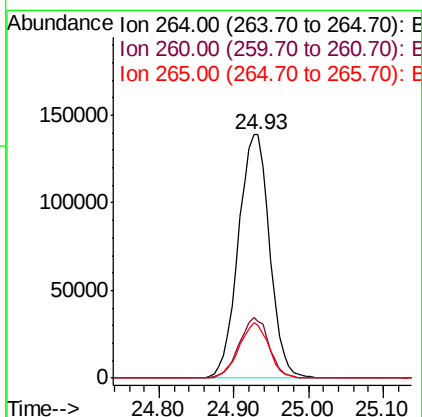
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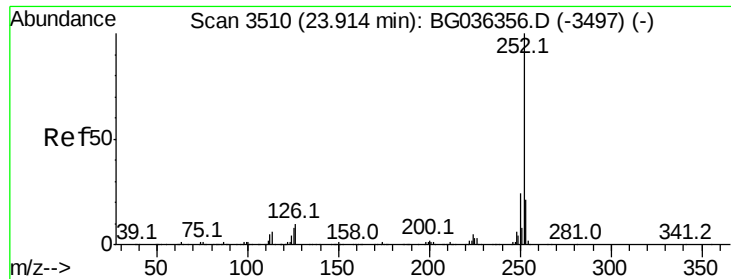
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.336 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Instrument :

BNA_G

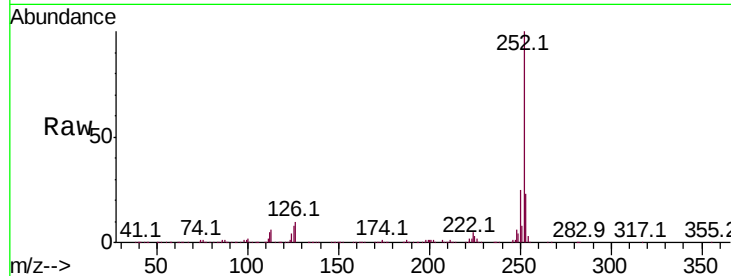
ClientSampleId :

PB112153BS

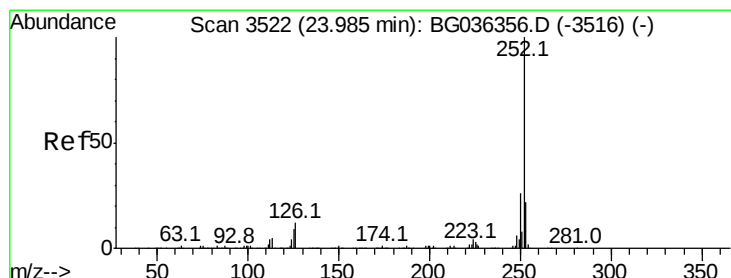
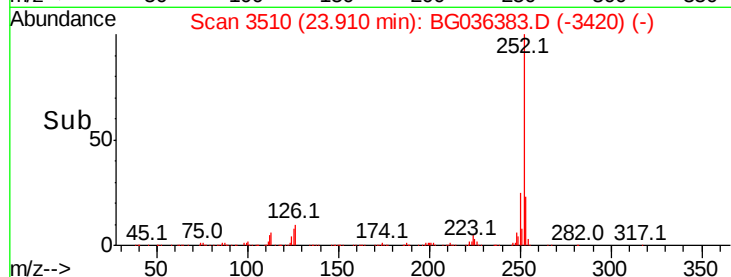
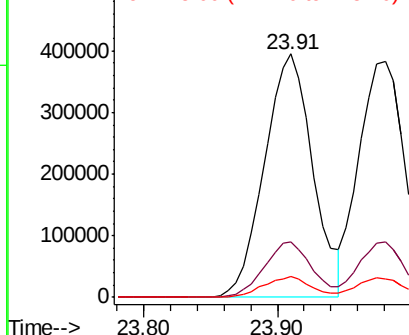
Tot Ion:	252	Resp:	994911
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	8.4	6.6	10.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.571 ng

RT: 23.98 min Scan# 3522

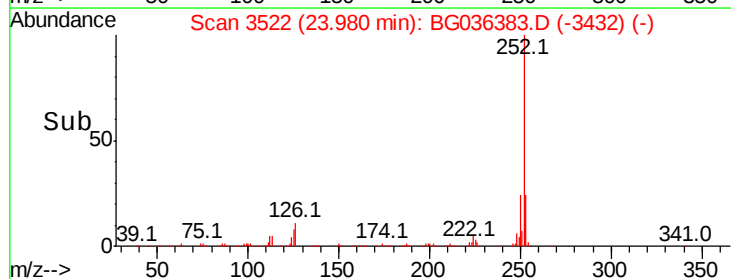
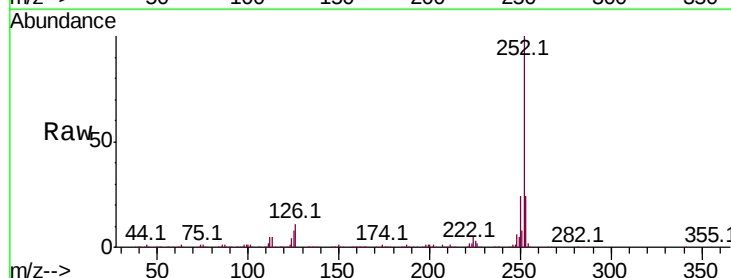
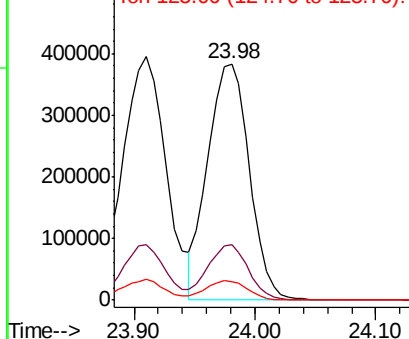
Delta R.T. -0.00 min

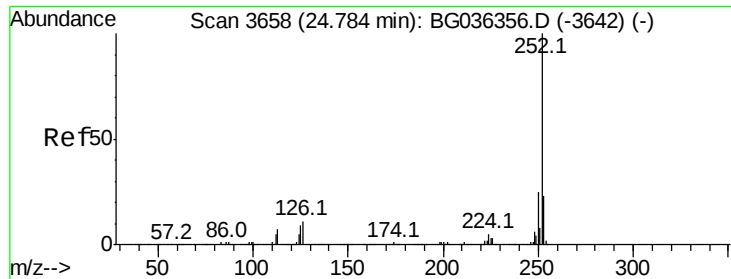
Lab File: BG036383.D

Acq: 23 Aug 2018 18:51

Tgt Ion:	252	Resp:	911369
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	7.9	7.0	10.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





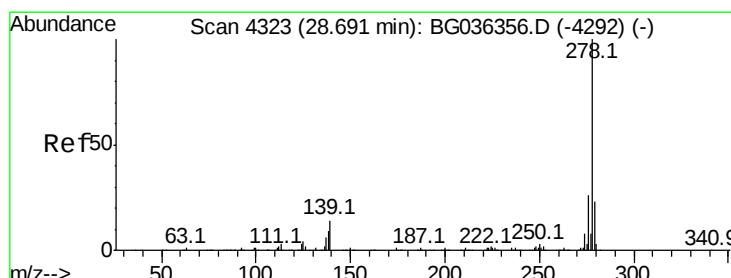
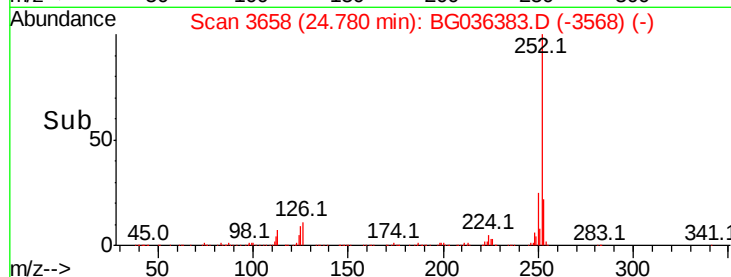
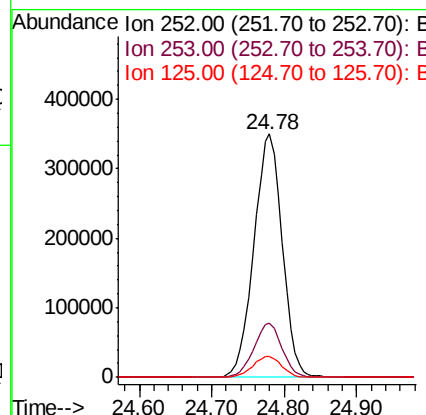
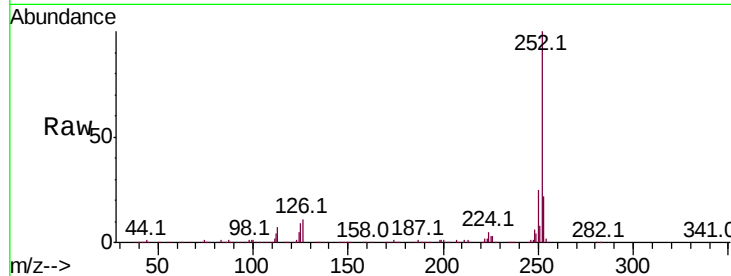
#89
Benzo(a)pyrene
Concen: 44.008 ng
RT: 24.78 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.6	7.3	10.9

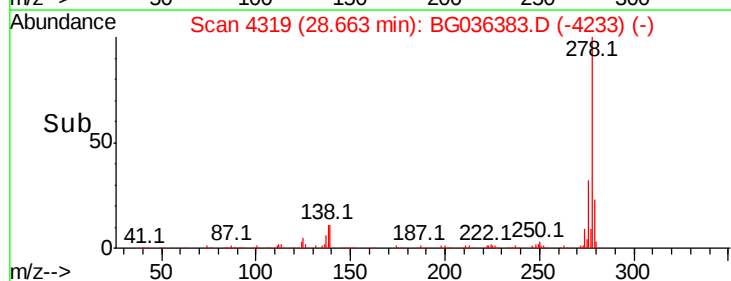
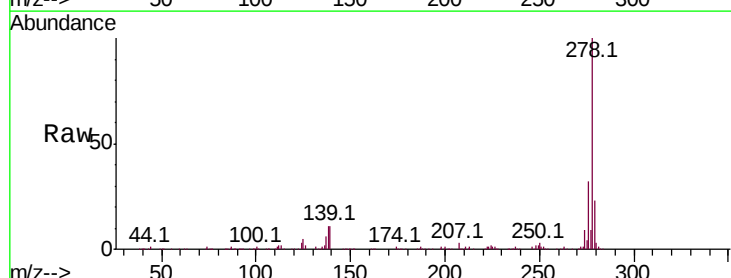
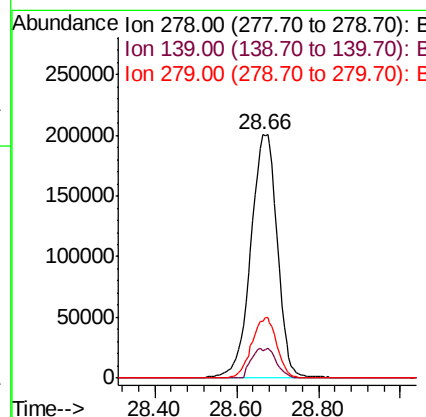
Manual Integrations
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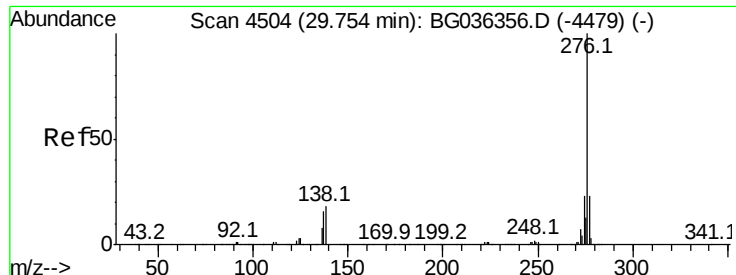
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.572 ng
RT: 28.66 min Scan# 4319
Delta R.T. -0.03 min
Lab File: BG036383.D
Acq: 23 Aug 2018 18:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	11.0	16.4
279	23.5	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 44.260 ng
 RT: 29.74 min Scan# 4503
 Delta R.T. -0.01 min
 Lab File: BG036383.D
 Acq: 23 Aug 2018 18:51

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	17.5	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 8/24/2018 3:18:54 PM

