

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035159.D
 Acq On : 15 Jun 2018 5:31
 Operator : SJ/JU
 Sample : J3246-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Manual Integrations
 APPROVED

Sohil
 6/15/2018 1:44:07 PM

Quant Time: Jun 15 07:41:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48310	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	197804	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	148680	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	395685	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	412064	20.00	ng	-0.01
86) Perylene-d12	24.93	264	408896	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	229208	80.07	ng	0.00
7) Phenol-d6	7.22	99	354149	83.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	462522	111.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	199980	105.07	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1051487	91.94	ng	-0.01
78) Terphenyl-d14	20.04	244	1885096	95.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	39304	28.777	ng	# 74
3) Pyridine	3.95	79	125797	34.136	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	55306	34.933	ng	# 79
6) Aniline	7.39	93	84644	15.499	ng	96
8) 2-Chlorophenol	7.63	128	79348	26.444	ng	93
9) Benzaldehyde	7.20	77	108710	33.403	ng	95
10) Phenol	7.25	94	121943	27.889	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	143525	42.291	ng	90
12) 1,3-Dichlorobenzene	7.95	146	150814	42.124	ng	97
13) 1,4-Dichlorobenzene	8.10	146	155752	42.143	ng	91
14) 1,2-Dichlorobenzene	8.42	146	150155	43.253	ng	98
15) Benzyl Alcohol	8.30	79	174425	43.568	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162126	47.998	ng	77
17) 2-Methylphenol	8.50	107	95568	33.152	ng	# 94
18) Hexachloroethane	9.14	117	57482	43.444	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	141227	39.344	ng	# 83
20) 3+4-Methylphenols	8.82	107	131407	31.802	ng	98
22) Acetophenone	8.89	105	252614	41.227	ng	# 93
24) Nitrobenzene	9.27	77	207589	48.716	ng	99
25) Isophorone	9.79	82	410464	46.719	ng	99
26) 2-Nitrophenol	9.98	139	46615	31.737	ng	# 90
27) 2,4-Dimethylphenol	10.03	122	119381	38.668	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	217171	45.998	ng	98
29) 2,4-Dichlorophenol	10.51	162	102384	30.478	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	179219	44.492	ng	97
31) Naphthalene	10.92	128	470957	45.832	ng	97
32) Benzoic acid	10.13	122	36258m	17.534	ng	
33) 4-Chloroaniline	11.02	127	23898	5.356	ng	# 89
34) Hexachlorobutadiene	11.21	225	134370	42.892	ng	95
35) Caprolactam	11.79	113	45285	36.476	ng	# 68
36) 4-Chloro-3-methylphenol	12.14	107	146777	35.051	ng	98
37) 2-Methylnaphthalene	12.52	142	376817	48.368	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	253219	45.724	ng	99
40) Hexachlorocyclopentadiene	12.86	237	316251	91.064	ng	92

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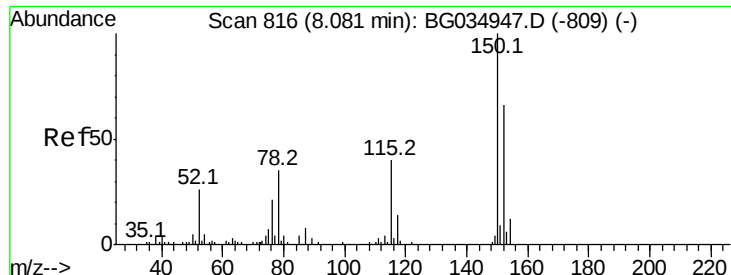
Manual Integrations
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Sohil
 6/15/2018 1:44:07 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	98543	29.717	nq	95
43) 2,4,5-Trichlorophenol	13.19	196	114547	31.472	nq	92
45) 1,1'-Biphenyl	13.52	154	510795	42.725	nq	97
46) 2-Chloronaphthalene	13.57	162	407692	45.104	nq	99
47) 2-Nitroaniline	13.76	65	146655	54.945	nq	92
48) Acenaphthylene	14.41	152	690543	45.561	nq	96
49) Dimethylphthalate	14.14	163	665767	51.350	nq	98
50) 2,6-Dinitrotoluene	14.26	165	133352	56.378	nq #	91
51) Acenaphthene	14.75	154	451499	45.593	nq	98
52) 3-Nitroaniline	14.58	138	38355	16.525	nq #	89
53) 2,4-Dinitrophenol	14.78	184	65227	68.139	nq #	64
54) Dibenzofuran	15.08	168	683799	46.105	nq	94
55) 4-Nitrophenol	14.88	139	97834	49.945	nq #	83
56) 2,4-Dinitrotoluene	15.04	165	190000	60.470	nq #	89
57) Fluorene	15.73	166	564328	45.528	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	108027	30.553	nq	96
59) Diethylphthalate	15.50	149	585116	44.233	nq	97
60) 4-Chlorophenyl-phenylether	15.72	204	322785	45.668	nq	96
61) 4-Nitroaniline	15.75	138	130099	52.267	nq #	85
62) Azobenzene	16.02	77	576444	44.470	nq	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	54473	30.153	nq	84
65) n-Nitrosodiphenylamine	15.94	169	510134	42.930	nq	99
66) 4-Bromophenyl-phenylether	16.62	248	222604	46.716	nq	97
67) Hexachlorobenzene	16.73	284	224125	46.212	nq	95
68) Atrazine	16.89	200	231350	45.655	nq	97
69) Pentachlorophenol	17.08	266	150391	46.114	nq	98
70) Phenanthrene	17.47	178	912604	45.403	nq	97
71) Anthracene	17.56	178	927019	46.043	nq	97
72) Carbazole	17.83	167	849557	45.477	nq	98
73) Di-n-butylphthalate	18.39	149	953964	42.844	nq #	99
74) Fluoranthene	19.48	202	1171646	44.796	nq	97
76) Benzidine	19.65	184	323148	21.079	nq	98
77) Pyrene	19.84	202	1160728	42.729	nq	96
79) Butylbenzylphthalate	20.72	149	445156	45.129	nq	97
80) Benzo(a)anthracene	21.68	228	1198424	45.512	nq	98
81) 3,3'-Dichlorobenzidine	21.59	252	177769	17.944	nq	98
82) Chrysene	21.75	228	1105159	45.840	nq	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	615085	44.130	nq	100
84) Di-n-octyl phthalate	22.81	149	1063854	44.490	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1248349	44.211	nq #	89
87) Benzo(b)fluoranthene	23.91	252	1189187	47.226	nq #	97
88) Benzo(k)fluoranthene	23.98	252	1118956	45.427	nq #	95
89) Benzo(a)pyrene	24.78	252	1129226	47.658	nq #	95
90) Dibenzo(a,h)anthracene	28.68	278	991590	42.393	nq #	97
91) Benzo(g,h,i)perylene	29.77	276	1012235	44.220	nq #	95

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



#1

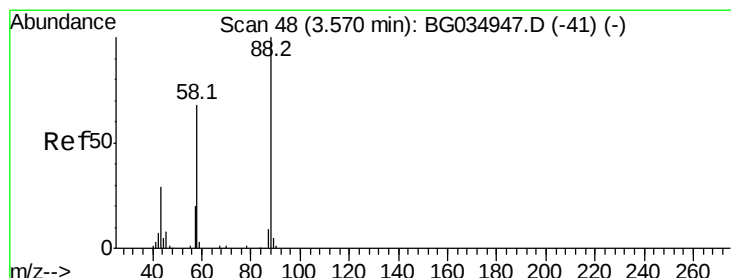
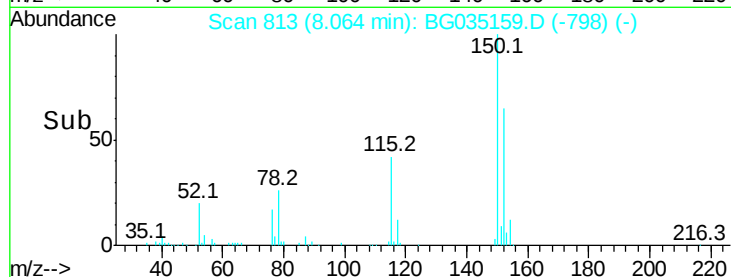
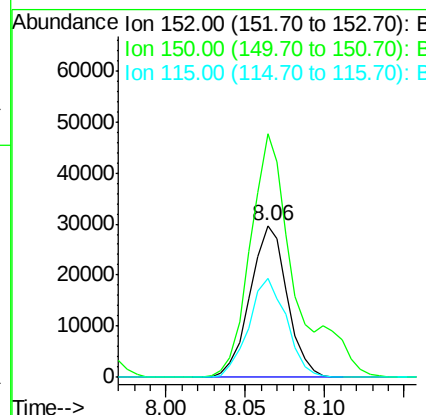
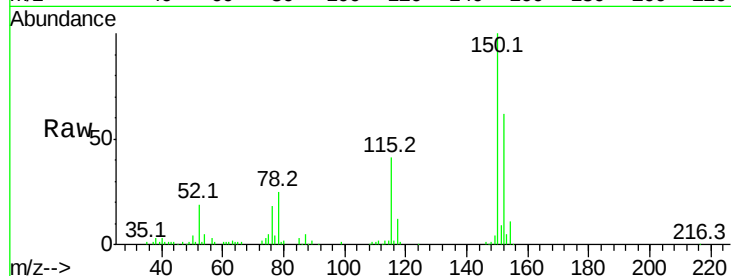
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	65.1	53.0	79.4

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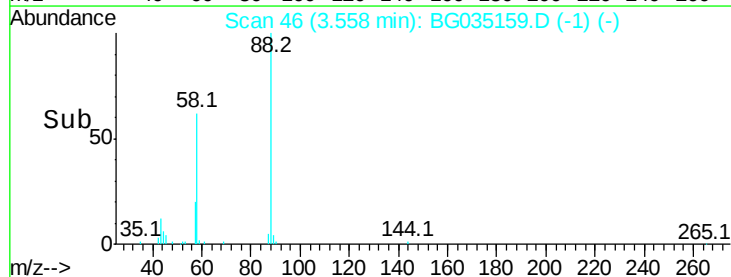
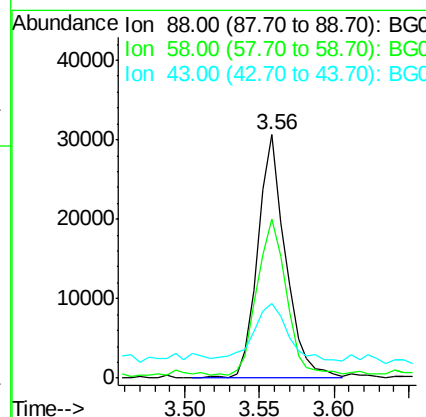
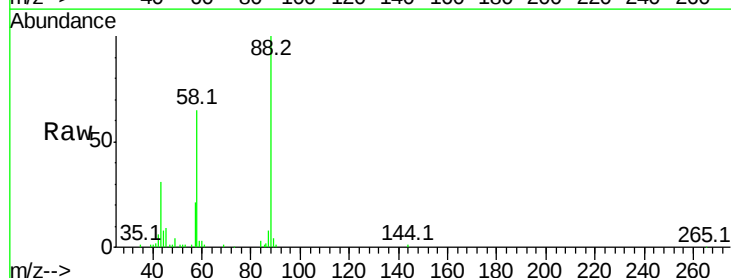
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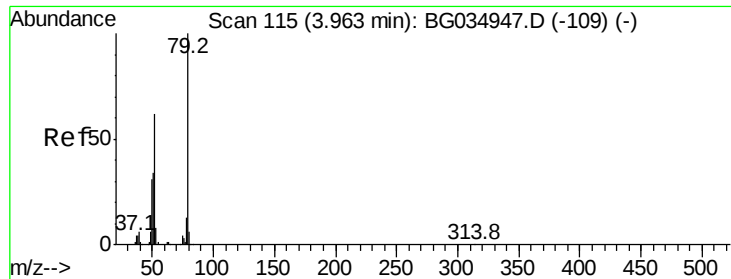


#2

1,4-Dioxane
Concen: 28.777 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	79.6	119.4#
43	29.2	27.4	41.0





#3

Pvridine

Concen: 34.136 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tot Ion: 79 Resp: 125797

Ion Ratio Lower Upper

79 100

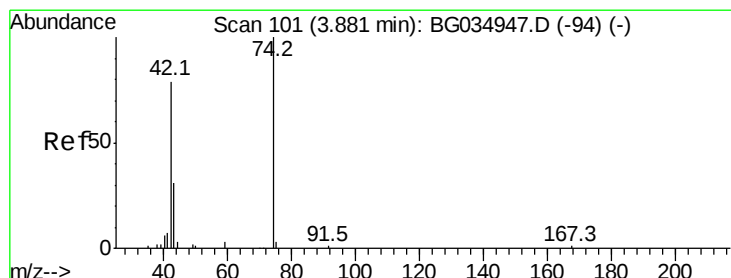
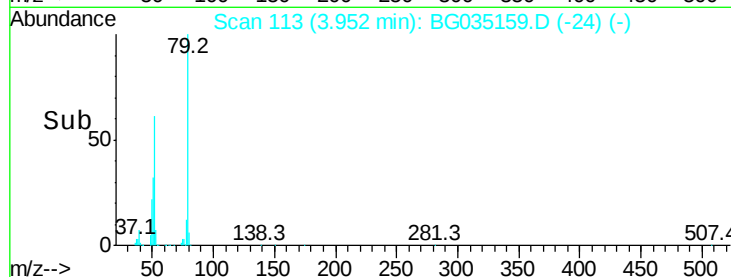
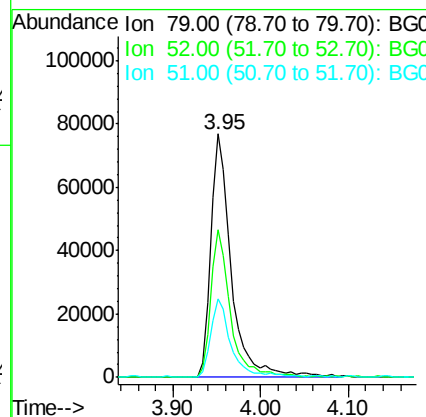
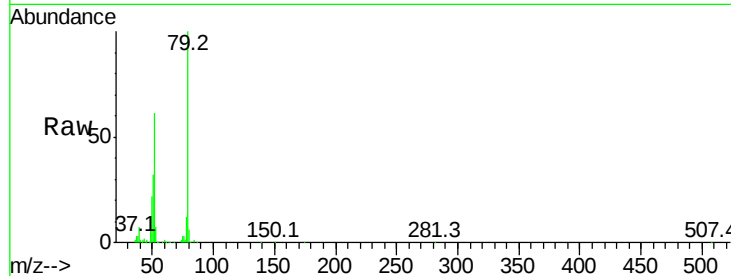
52 60.6 69.9 104.9#

51 32.2 34.0 51.0#

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#4

n-Nitrosodimethylamine

Concen: 34.933 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

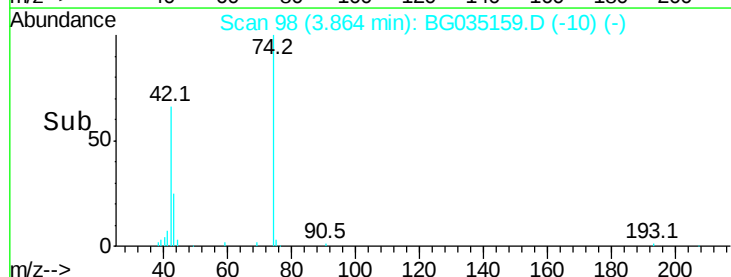
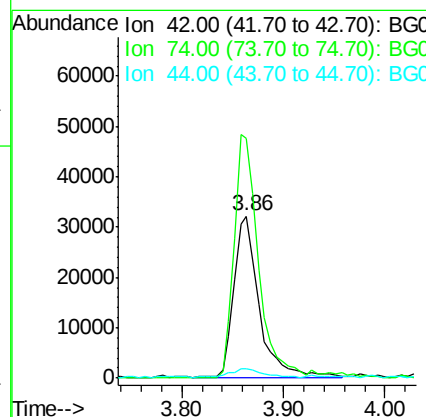
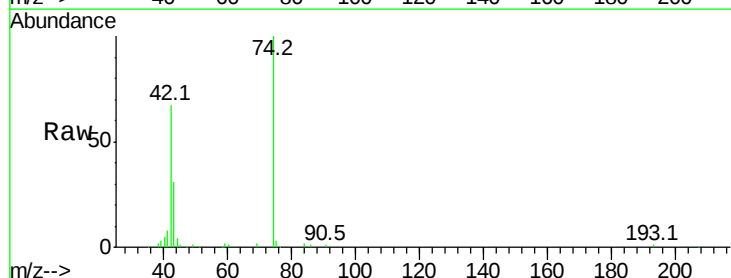
Tgt Ion: 42 Resp: 55306

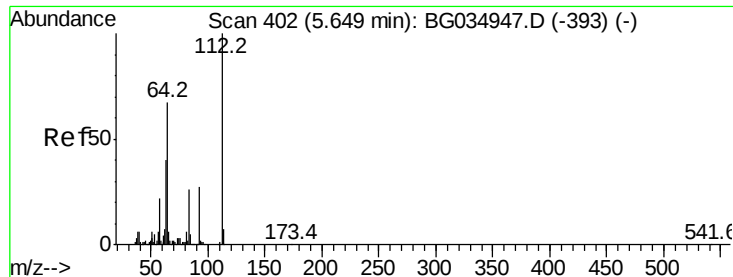
Ion Ratio Lower Upper

42 100

74 148.4 102.5 153.7

44 5.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 80.069 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

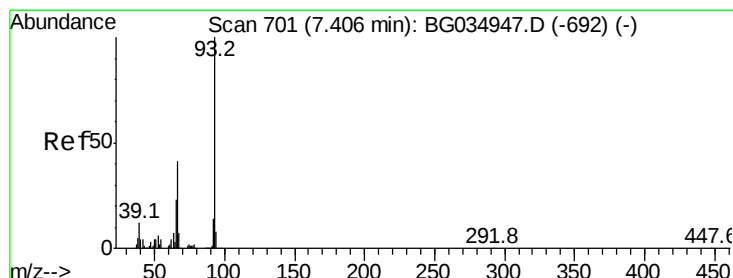
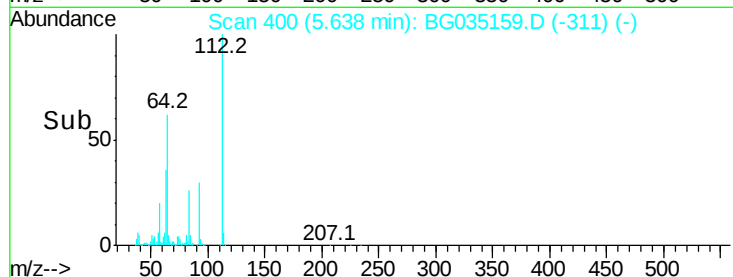
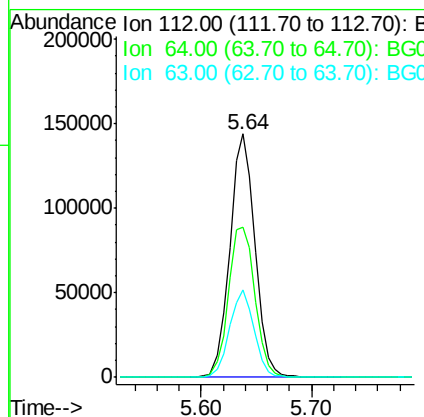
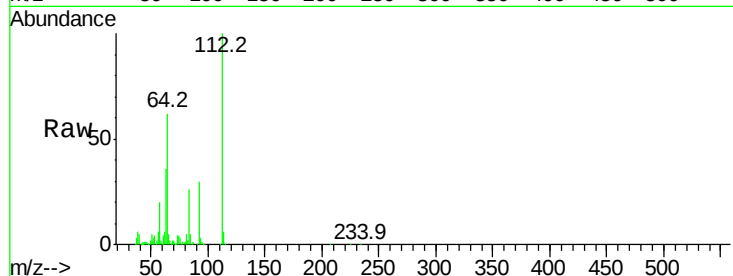
ClientSampleId :

OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	229208		
64	61.9	56.3	84.5	
63	36.0	30.1	45.1	

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#6

Aniline

Concen: 15.499 ng

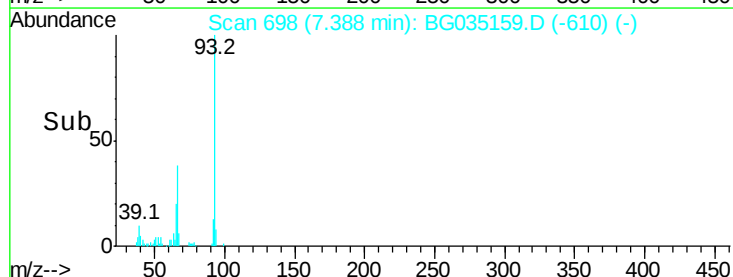
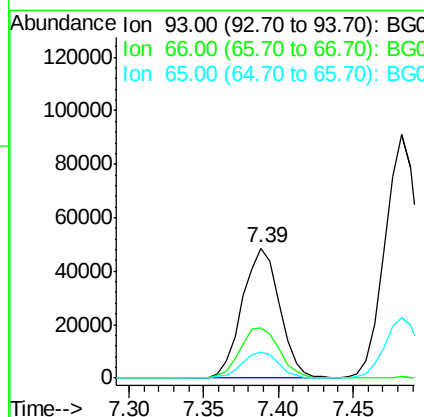
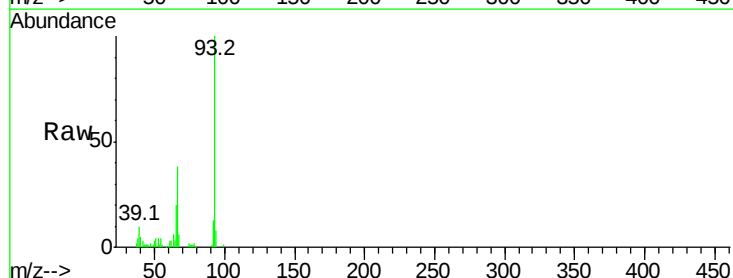
RT: 7.39 min Scan# 698

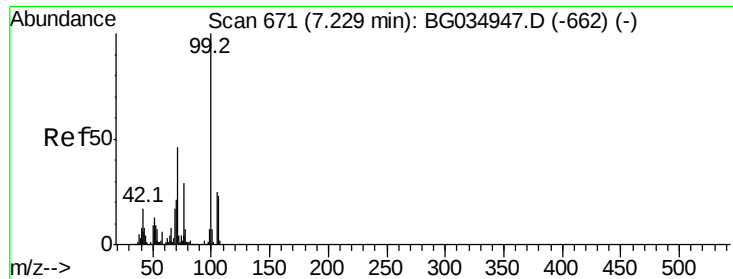
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	84644		
66	38.4	33.7	50.5	
65	20.5	16.1	24.1	





#7

Phenol-d6

Concen: 83.821 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

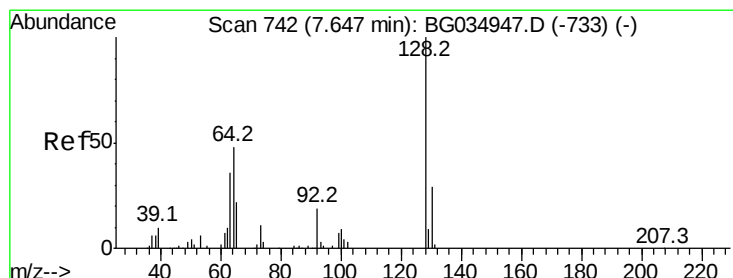
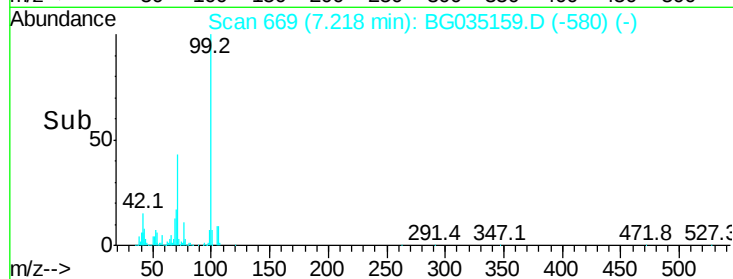
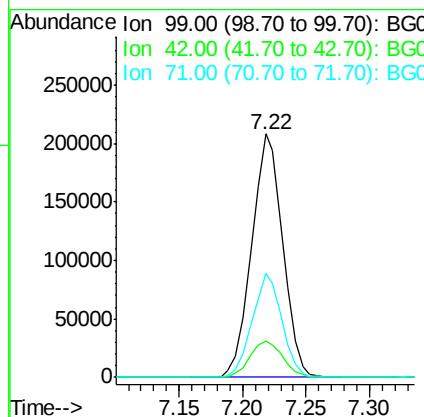
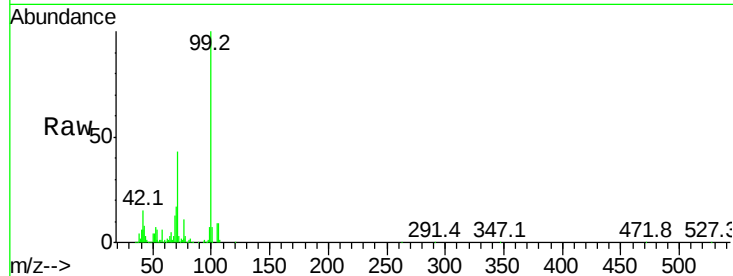
ClientSampleId :

OK-02-061218MSD

Tot Ion:	99	Resp:	354149
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.1	21.1
71	42.6	26.1	39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 26.444 ng

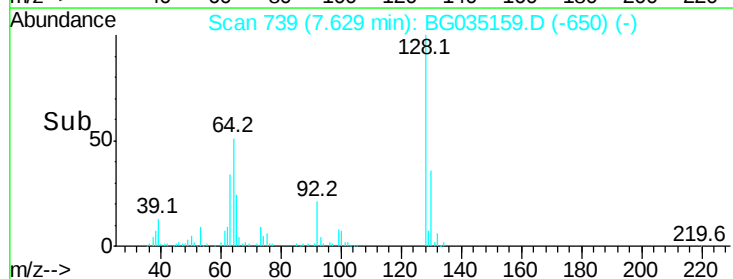
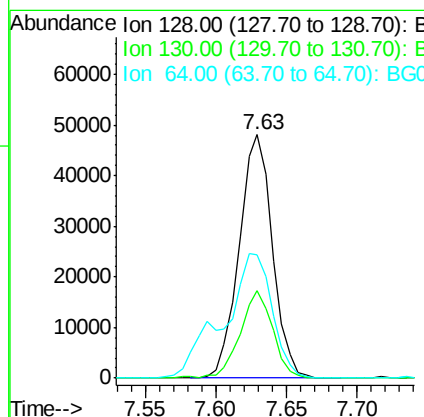
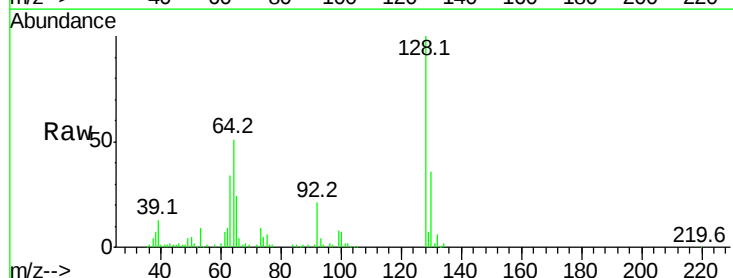
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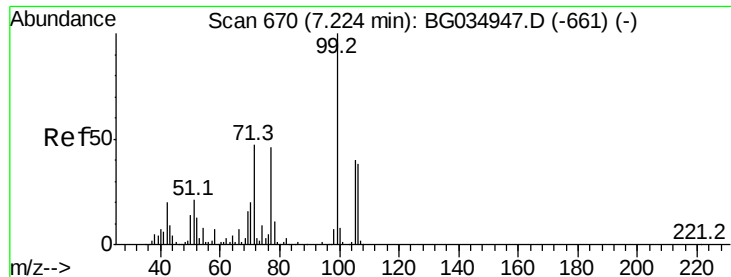
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	128	Resp:	79348
Ion Ratio	Lower	Upper	
128	100		
130	35.7	14.0	54.0
64	50.7	37.7	77.7





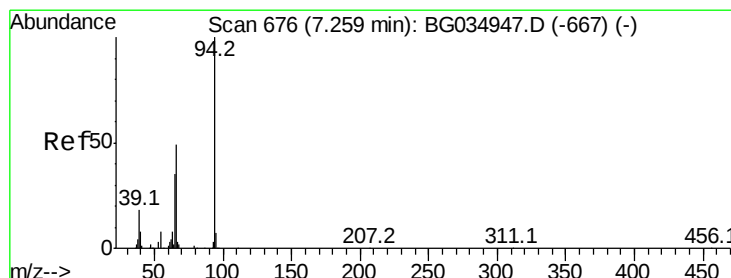
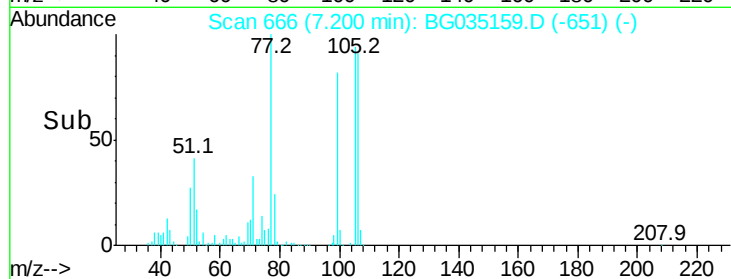
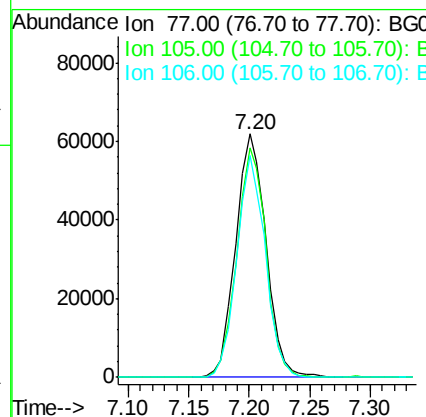
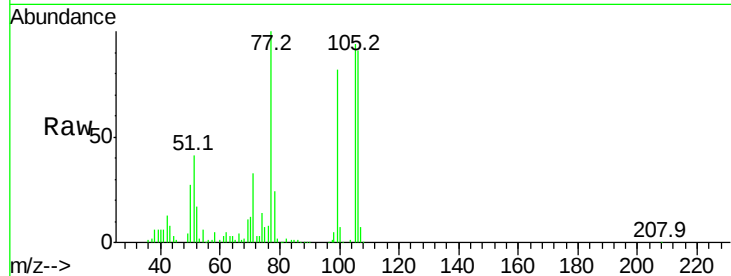
#9
Benzaldehyde
Concen: 33.403 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.3	71.3	111.3
106	91.1	64.2	104.2

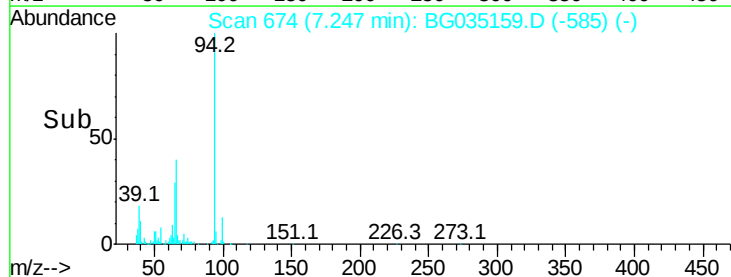
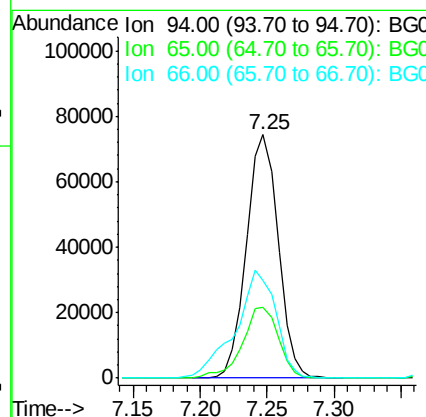
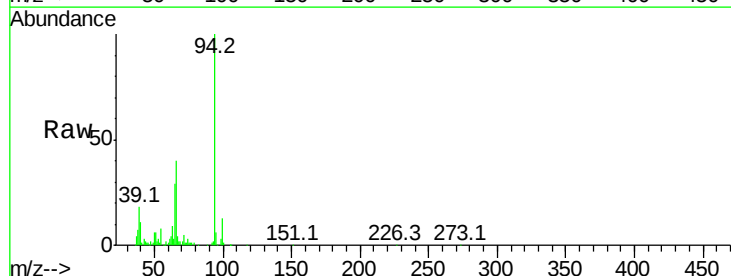
Manual Integrations
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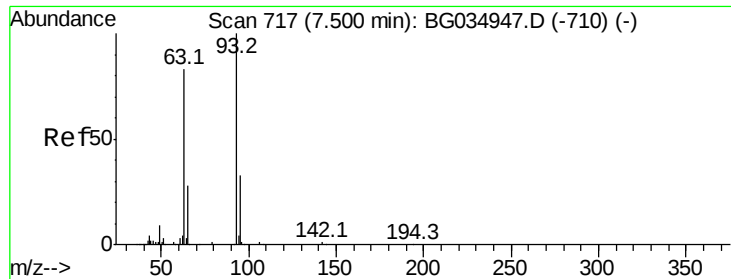
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#10
Phenol
Concen: 27.889 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.9	51.9
66	40.3	22.2	62.2





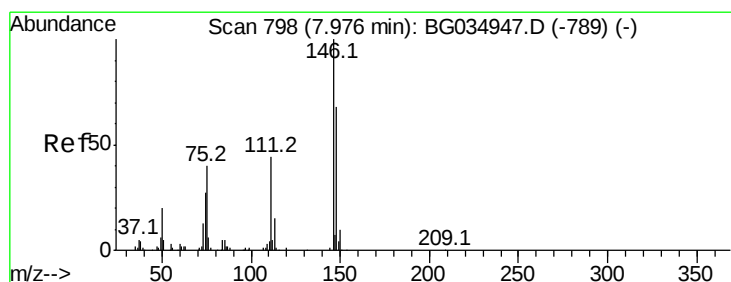
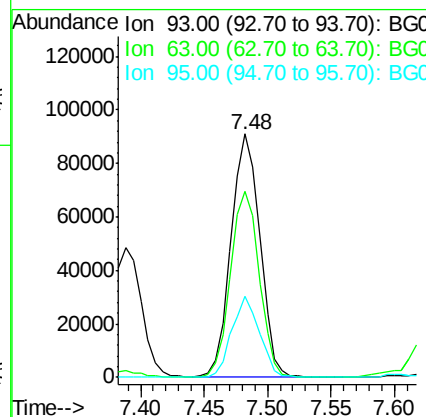
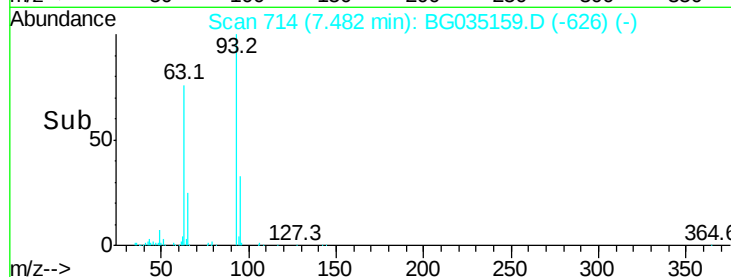
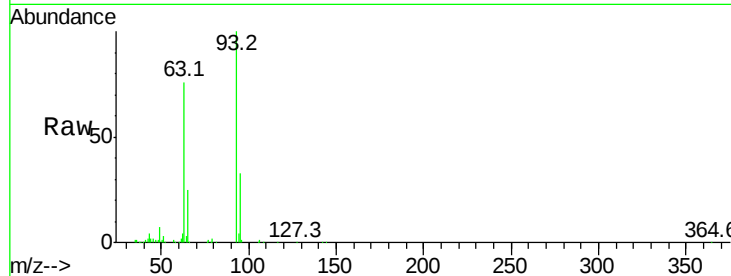
#11
bis(2-Chloroethyl)ether
Concen: 42.291 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	76.1	67.1	107.1
95	33.2	11.5	51.5

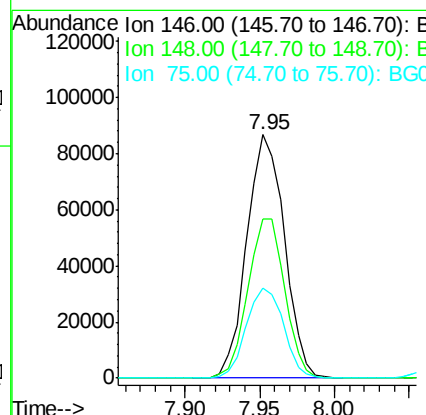
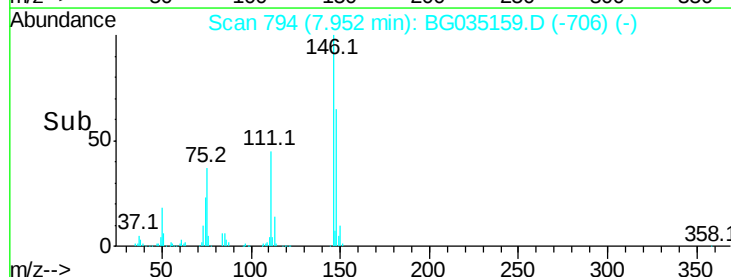
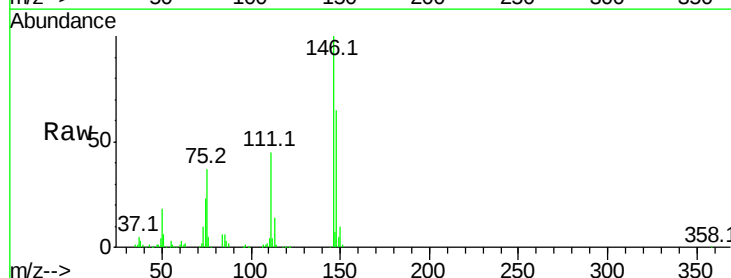
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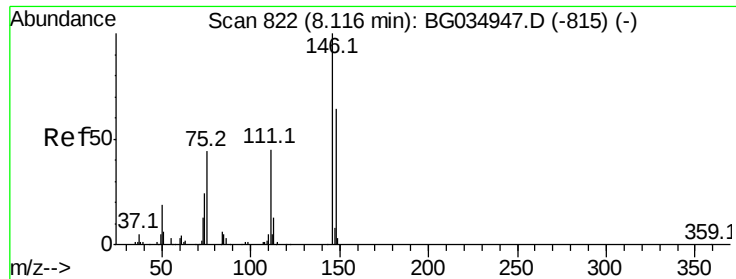
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.124 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.4	51.4	77.2
75	36.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.143 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

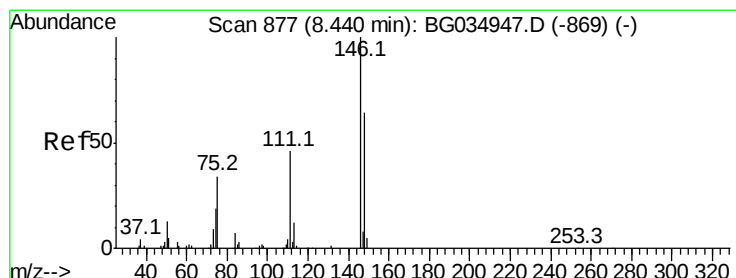
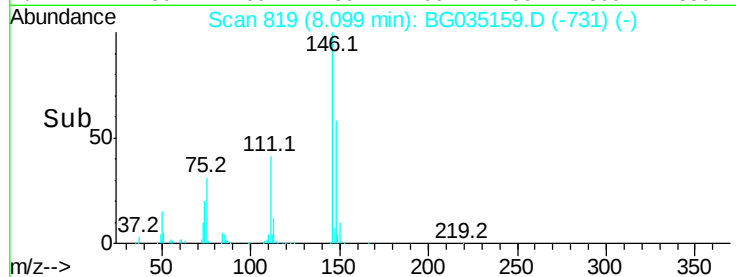
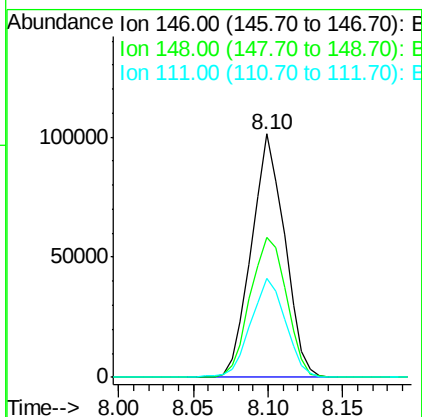
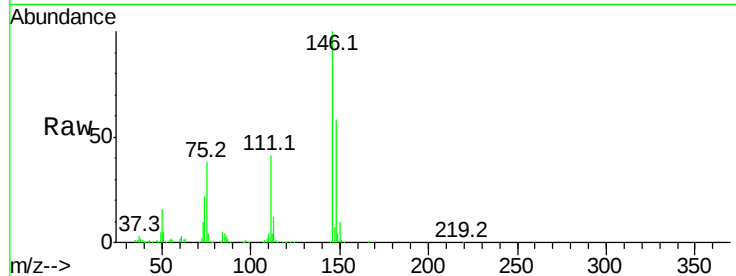
ClientSampleId :

OK-02-061218MSD

Tot Ion:	146	Resp:	155752
Ion Ratio	Lower	Upper	
146	100		
148	57.7	53.7	80.5
111	40.8	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 43.253 ng

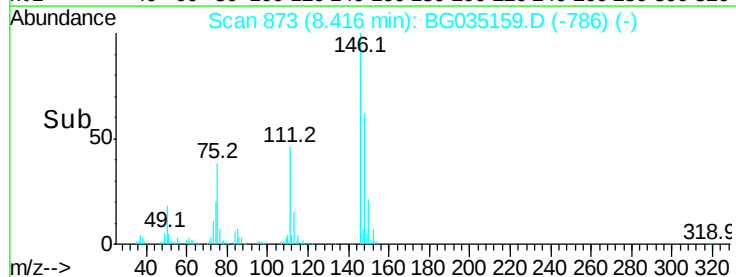
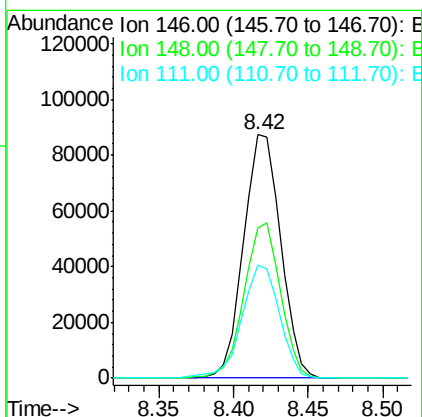
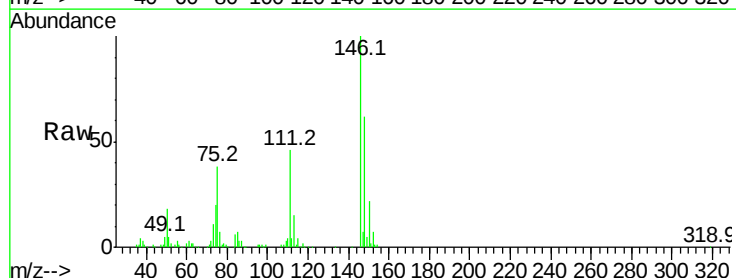
RT: 8.42 min Scan# 873

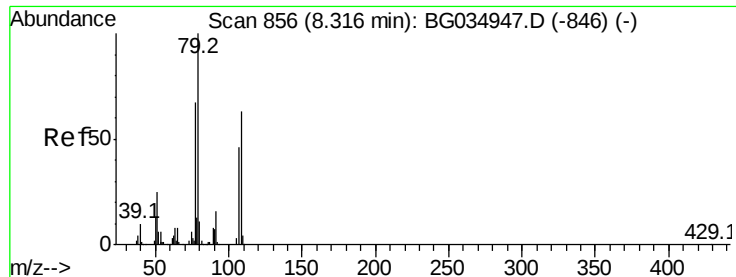
Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	146	Resp:	150155
Ion Ratio	Lower	Upper	
146	100		
148	61.7	49.3	73.9
111	46.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.568 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

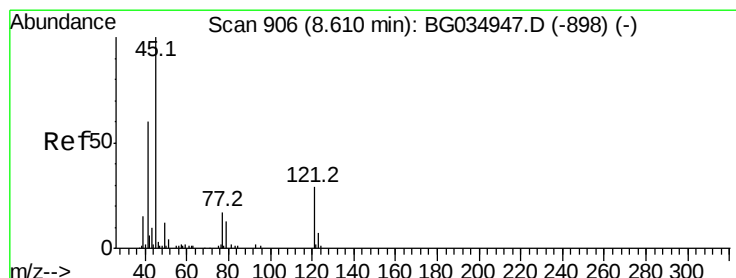
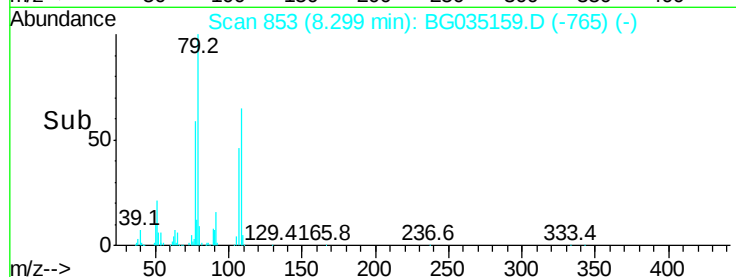
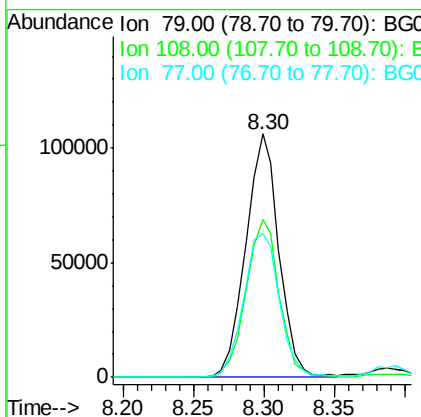
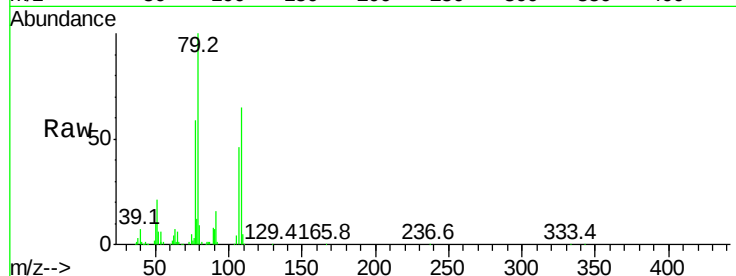
ClientSampleId :

OK-02-061218MSD

Tot Ion:	79	Resp:	174425
Ion Ratio	Lower	Upper	
79	100		
108	64.6	57.2	85.8
77	59.1	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.998 ng

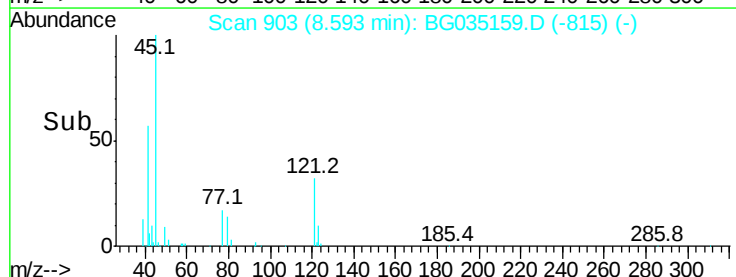
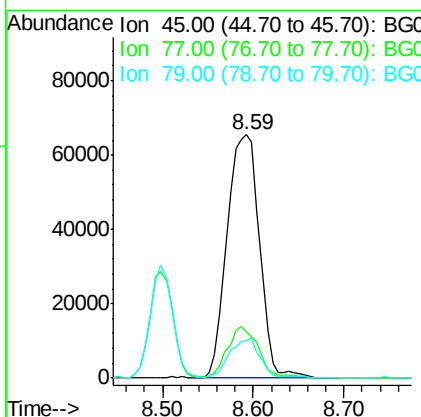
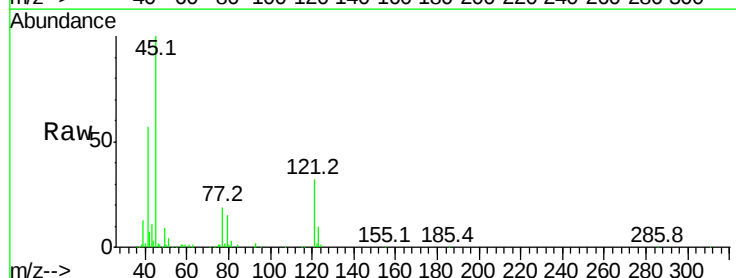
RT: 8.59 min Scan# 903

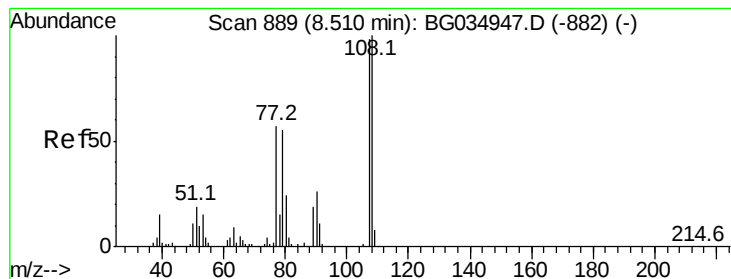
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	45	Resp:	162126
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	30.2
79	15.3	0.0	27.9





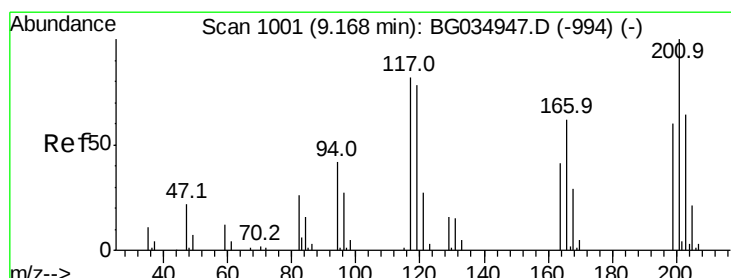
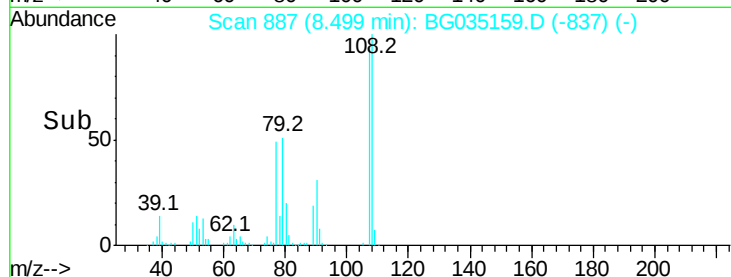
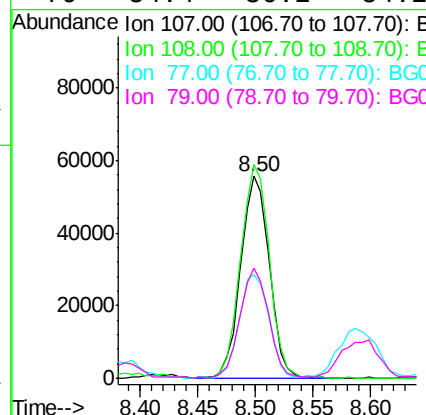
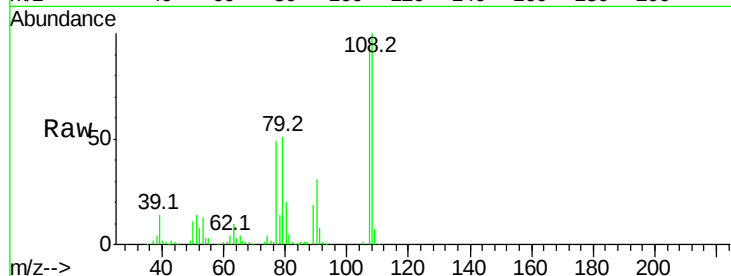
#17
2-Methylphenol
Concen: 33.152 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.9	83.9	125.9	
77	51.7	37.2	55.8	
79	54.4	36.2	54.2	

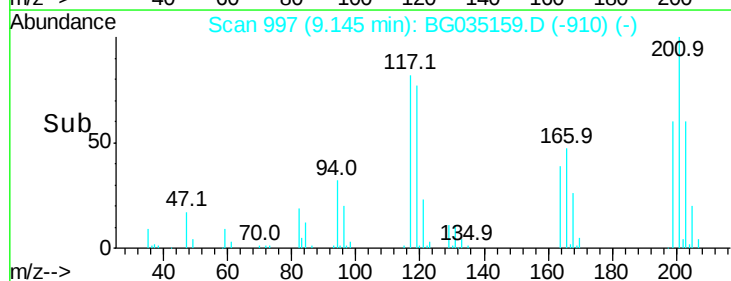
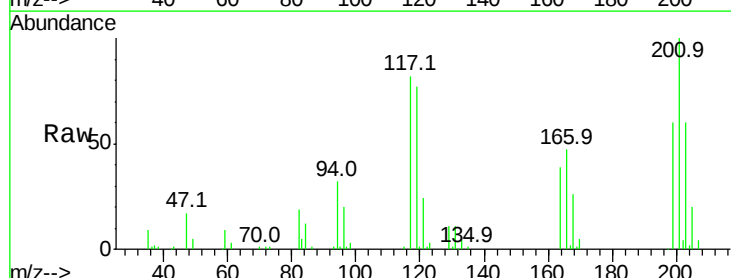
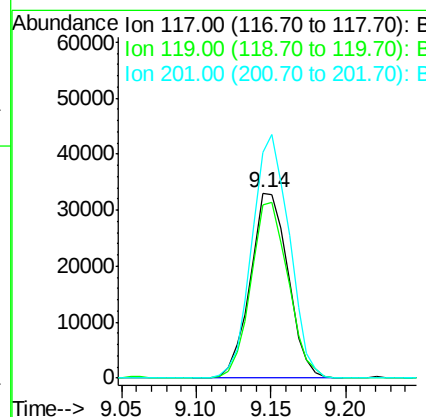
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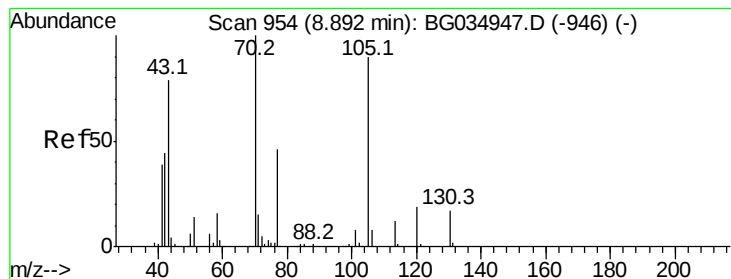
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#18
Hexachloroethane
Concen: 43.444 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.7	115.1	
201	121.7	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 39.344 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tot Ion: 70 Resp: 141227

Ion Ratio Lower Upper

70 100

42 43.7 49.1 73.7#

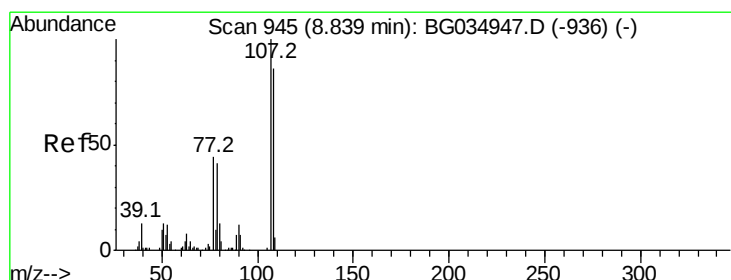
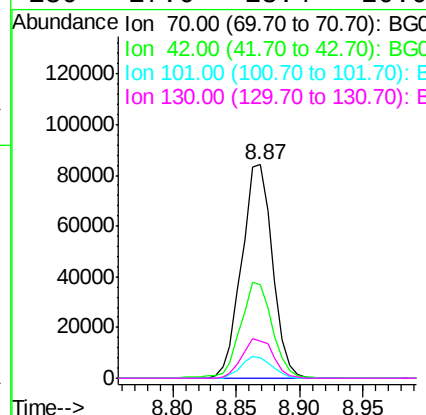
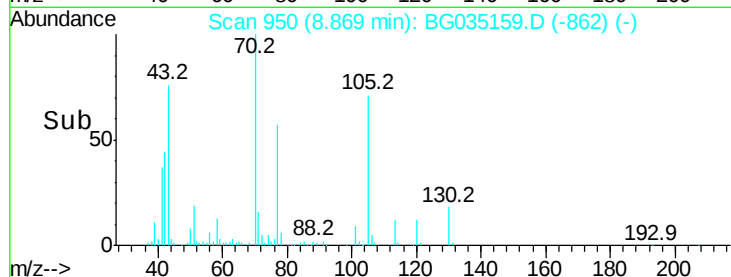
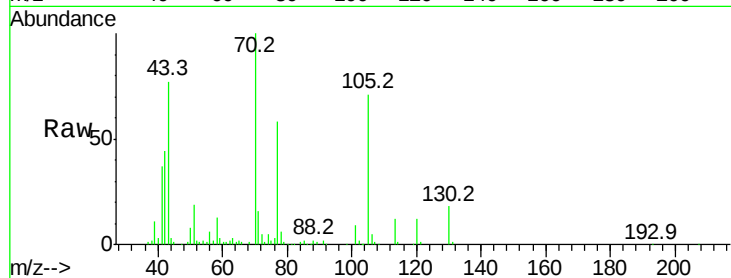
101 9.4 8.5 12.7

130 17.6 13.4 20.0

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#20

3+4-Methylphenols

Concen: 31.802 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion: 107 Resp: 131407

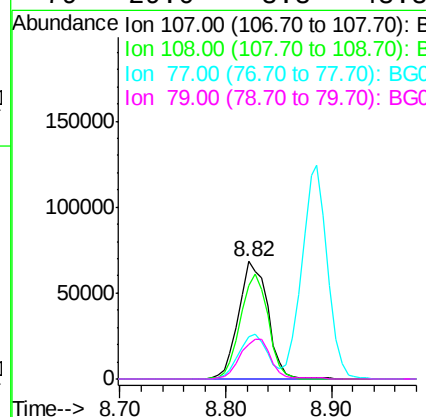
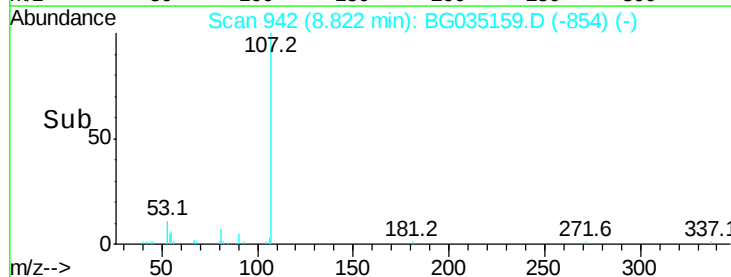
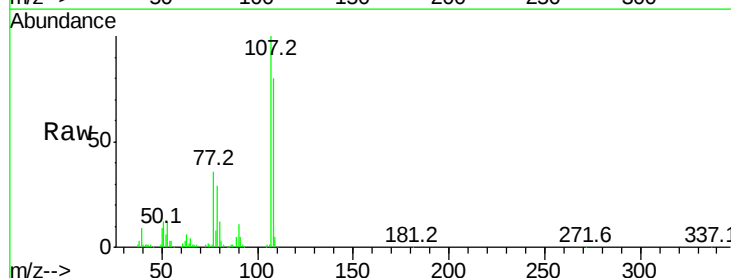
Ion Ratio Lower Upper

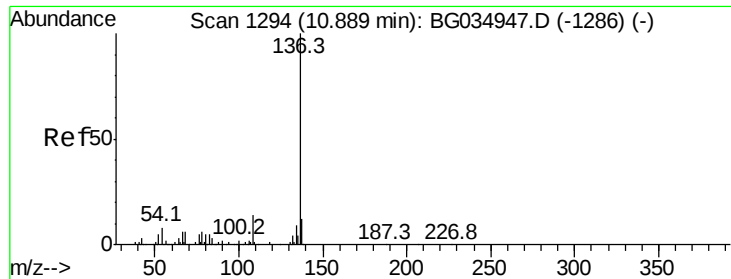
107 100

108 79.7 61.6 101.6

77 36.1 13.9 53.9

79 29.0 8.8 48.8





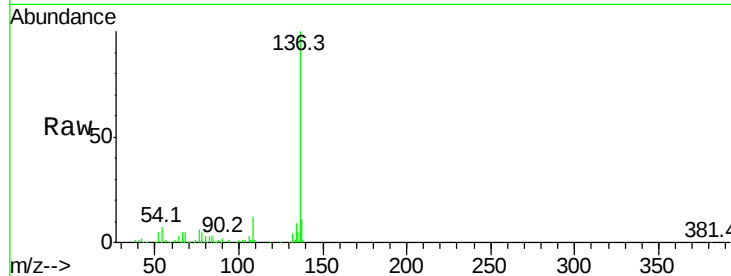
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

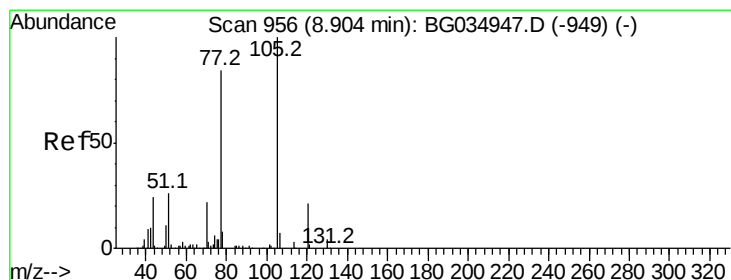
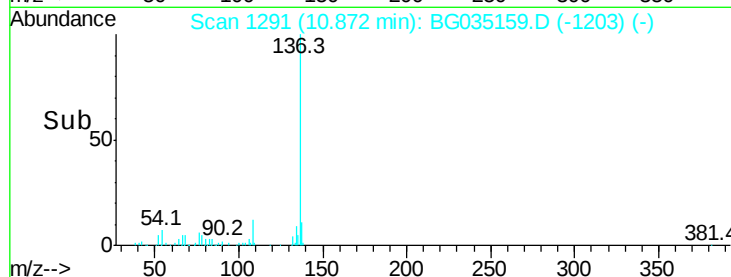
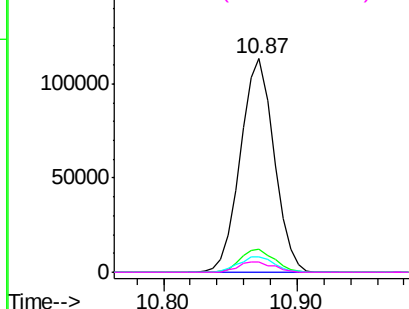
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	7.4	10.3	15.5	
68	5.1	4.5	6.7	

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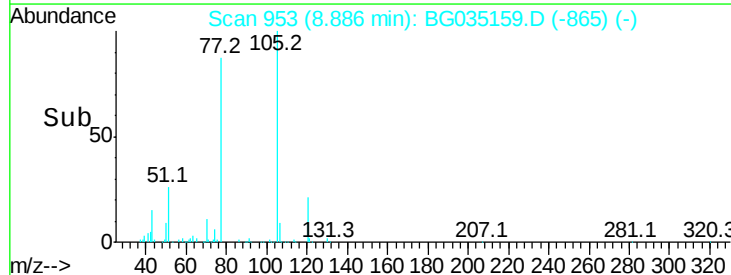
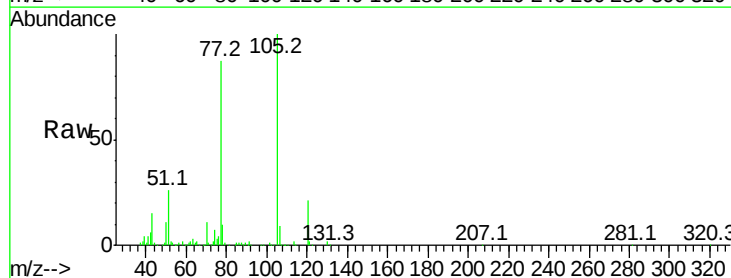
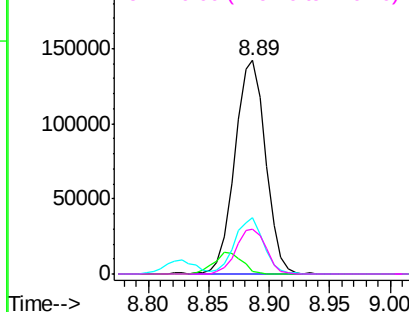
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

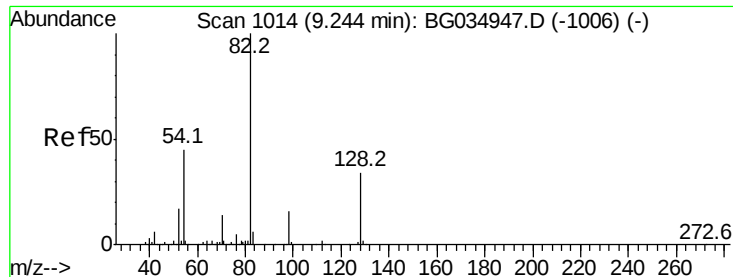


#22
Acetophenone
Concen: 41.227 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	3.0	4.4	
51	26.1	26.1	39.1	
120	21.3	17.4	26.2	

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





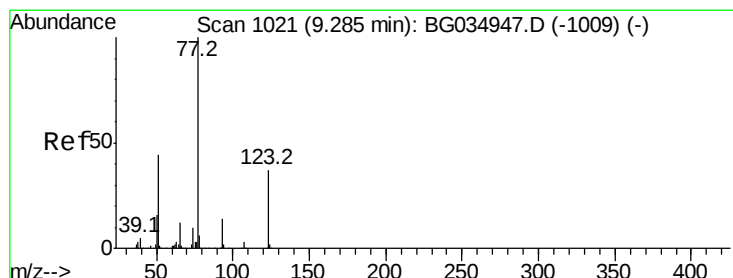
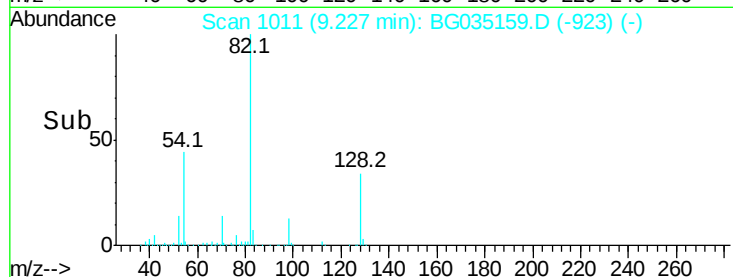
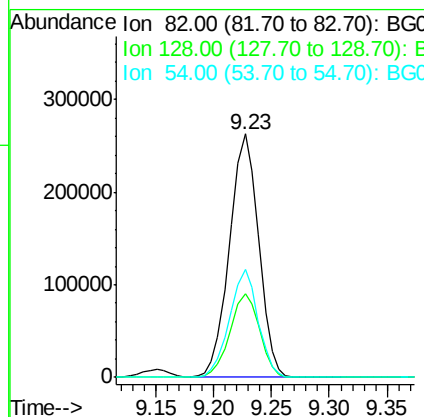
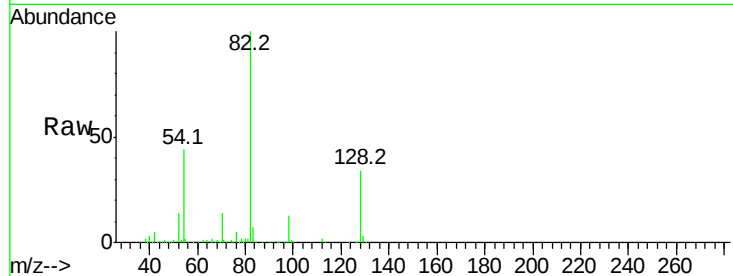
#23
Nitrobenzene-d5
Concen: 111.149 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.2	29.7	44.5	
54	44.1	43.1	64.7	

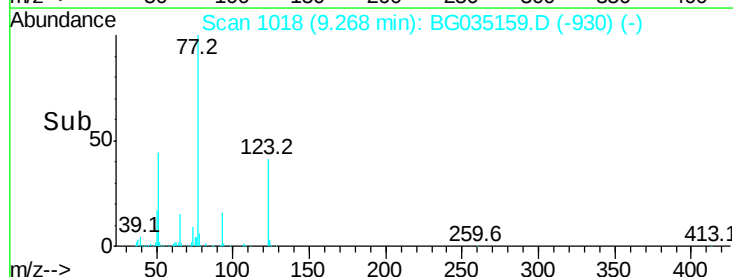
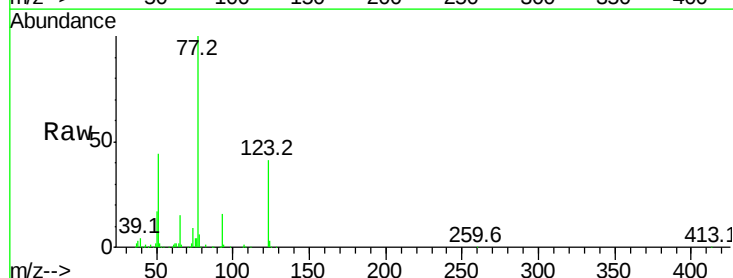
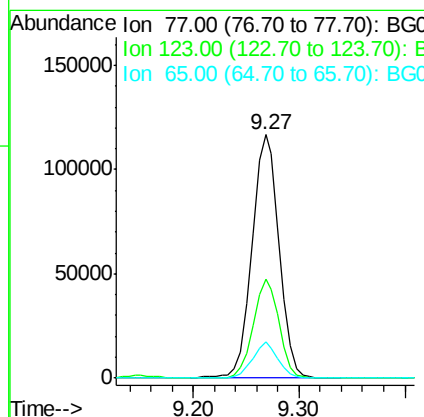
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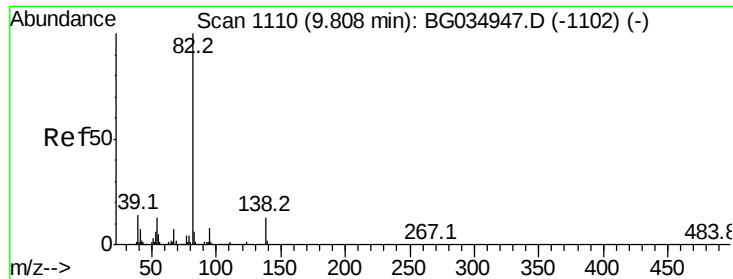
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#24
Nitrobenzene
Concen: 48.716 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.7	33.0	49.6	
65	15.0	13.0	19.6	





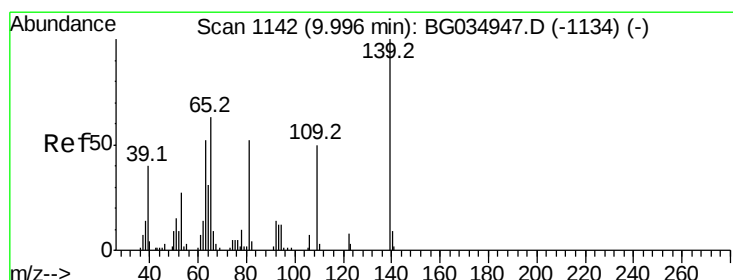
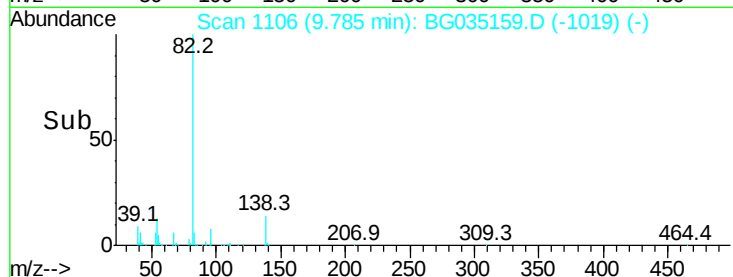
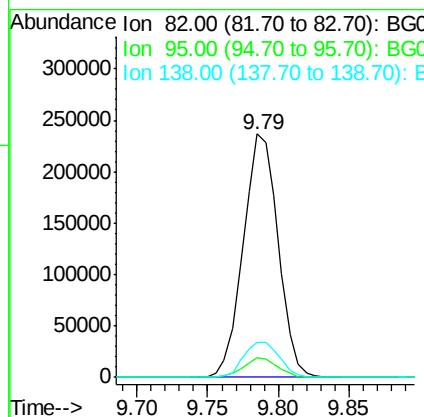
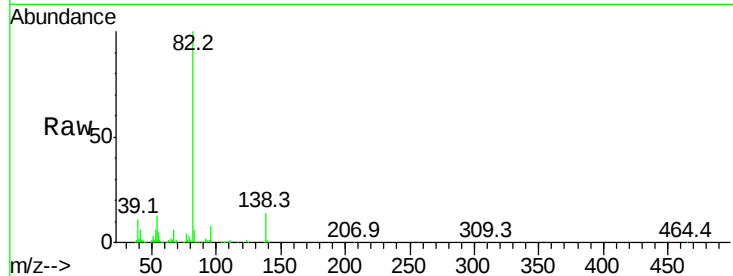
#25
Isophorone
Concen: 46.719 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	14.4	12.1	18.1

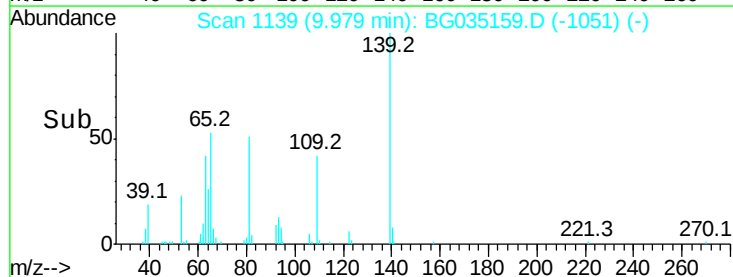
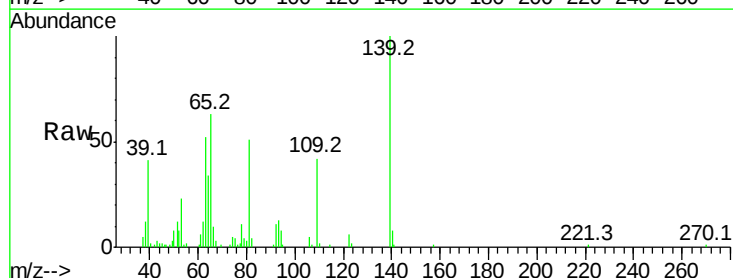
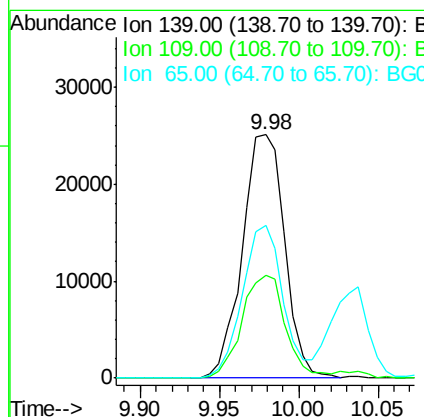
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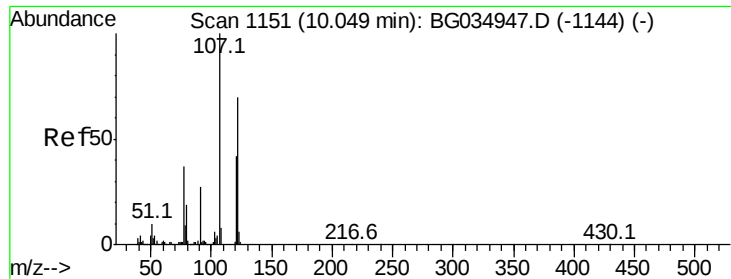
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#26
2-Nitrophenol
Concen: 31.737 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.0	24.2	36.2
65	62.8	47.4	71.0





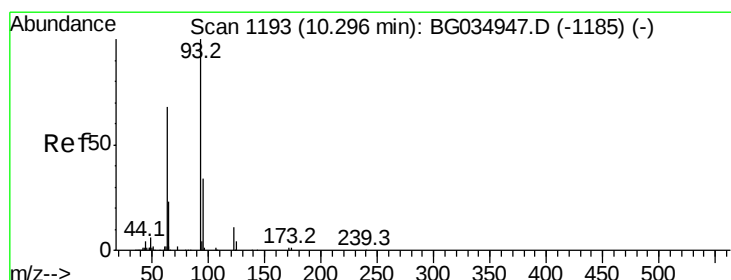
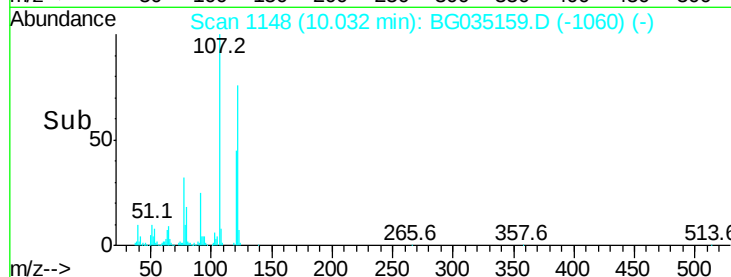
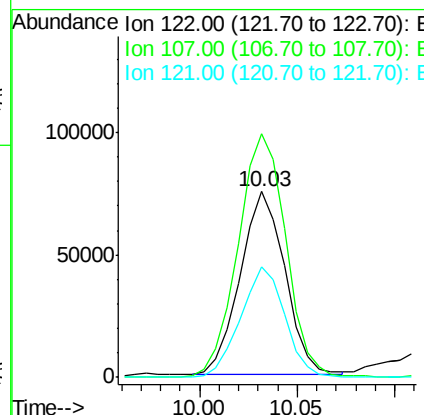
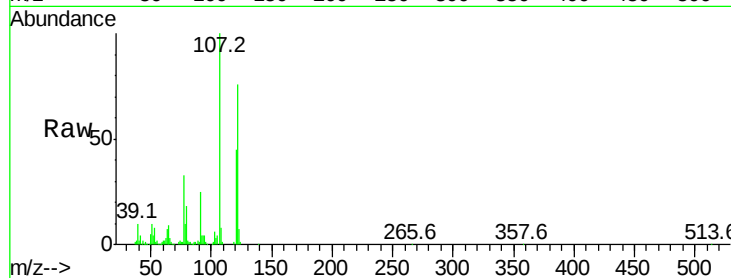
#27
2,4-Dimethylphenol
Concen: 38.668 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.3	100.2	150.2
121	59.7	44.4	66.6

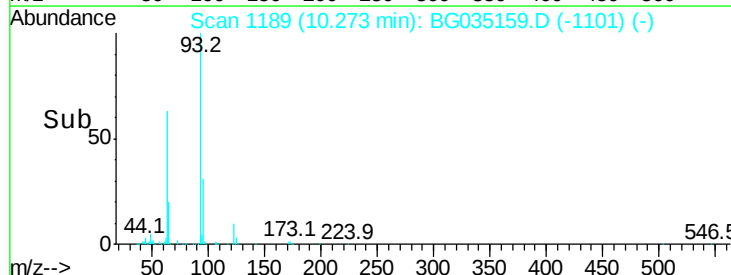
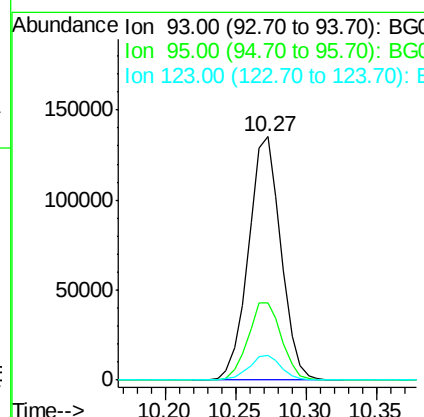
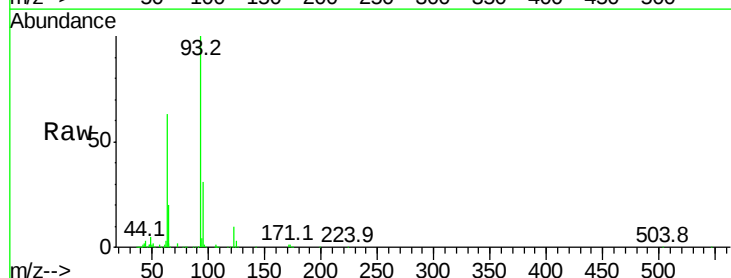
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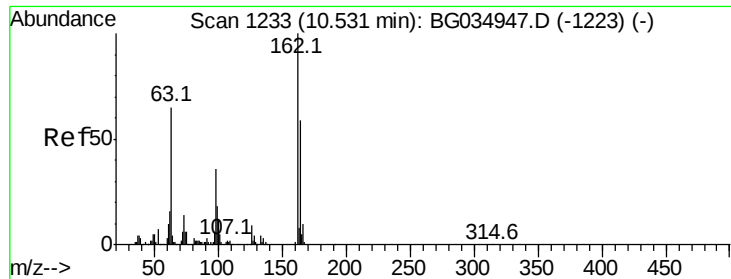
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#28
bis(2-Chloroethoxy)methane
Concen: 45.998 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.3	36.5
123	10.4	8.4	12.6





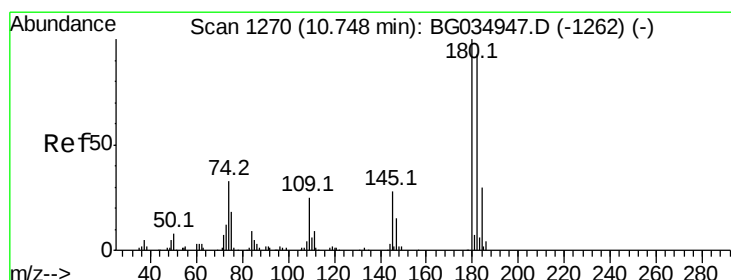
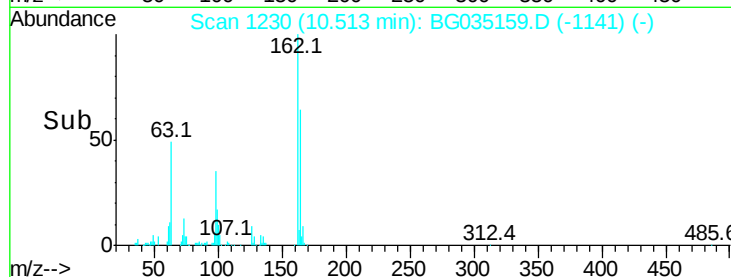
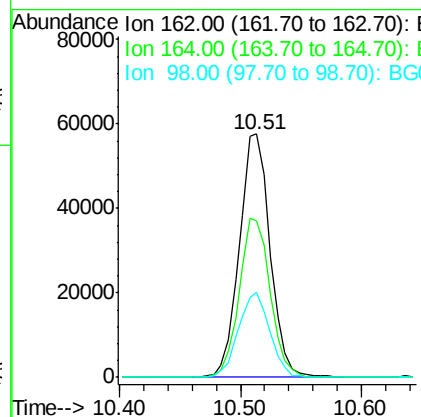
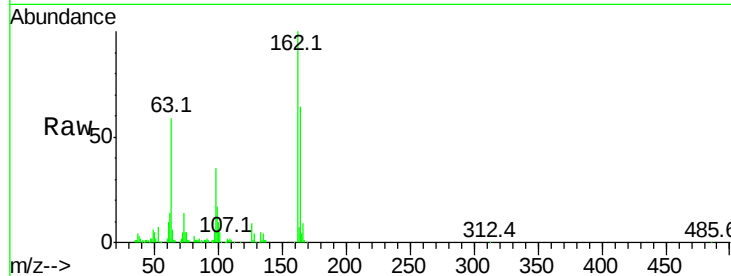
#29
2,4-Dichlorophenol
Concen: 30.478 ng
RT: 10.51 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	48.0	88.0
98	34.7	21.1	61.1

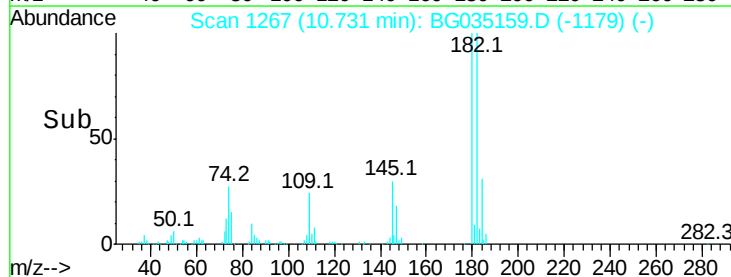
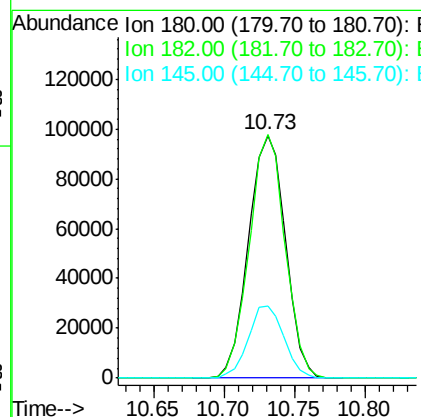
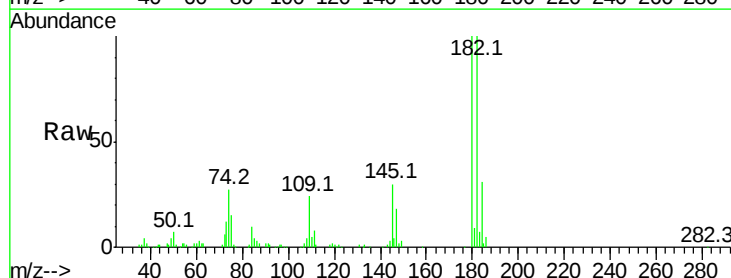
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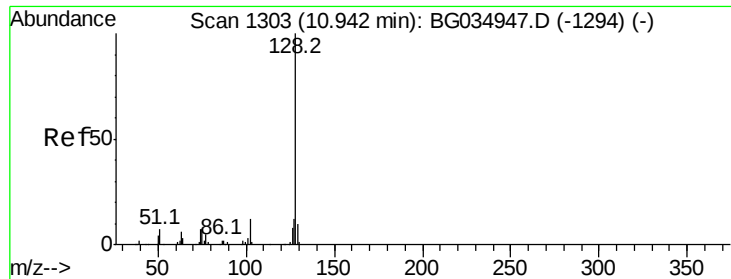
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#30
1,2,4-Trichlorobenzene
Concen: 44.492 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.2	77.5	116.3
145	29.8	23.4	35.2





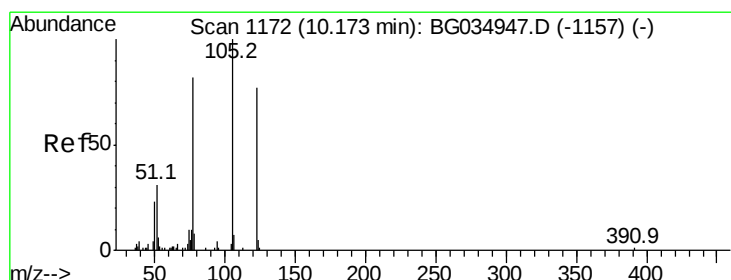
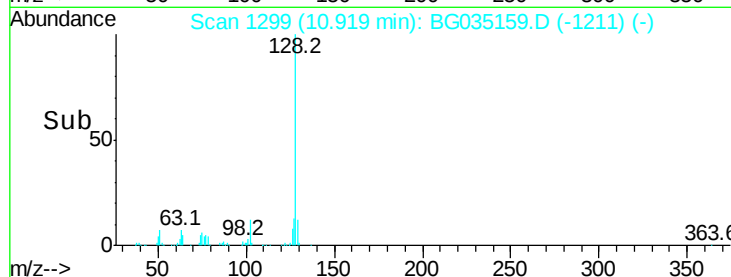
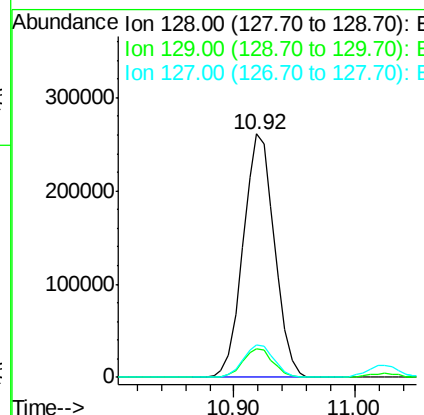
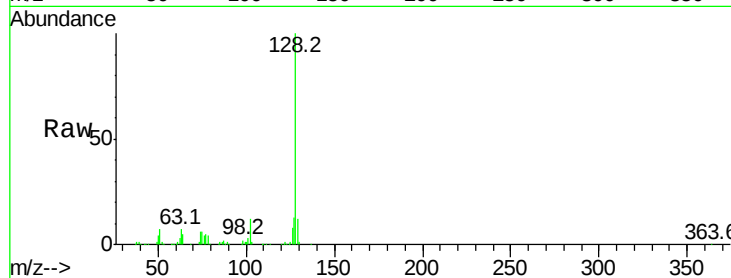
#31
Naphthalene
Concen: 45.832 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.2	11.6	17.4

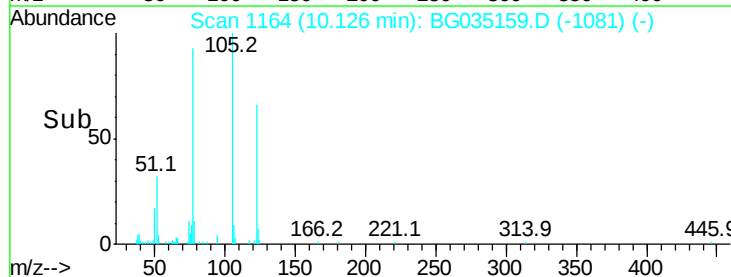
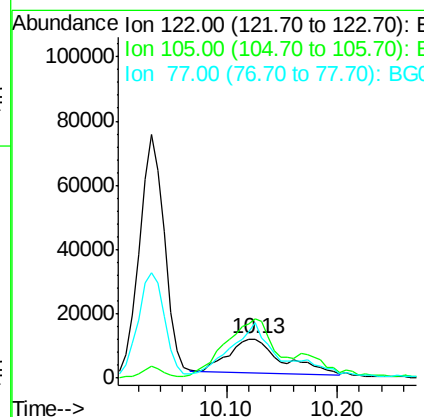
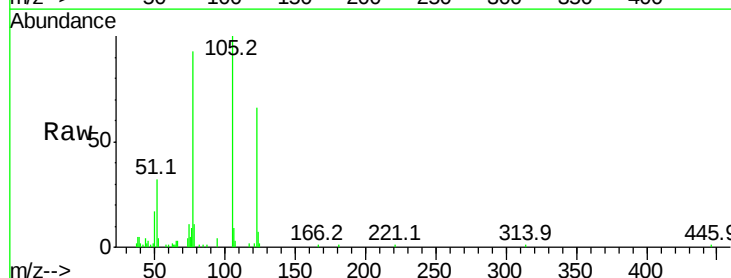
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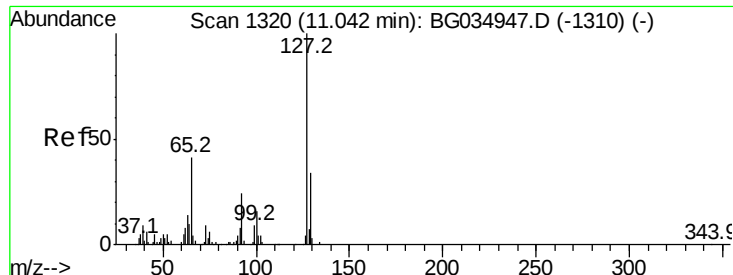
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#32
Benzoic acid
Concen: 17.534 ng m
RT: 10.13 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.8	123.5	163.5
77	140.6	85.7	125.7#





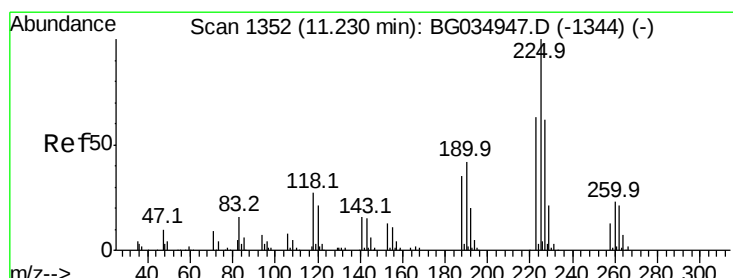
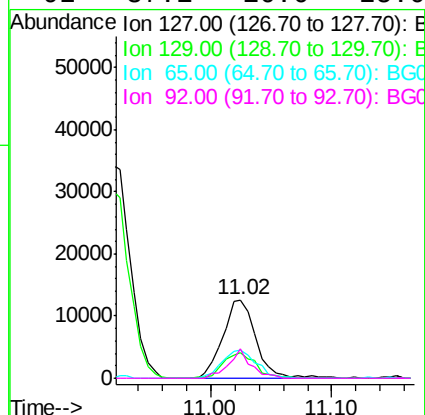
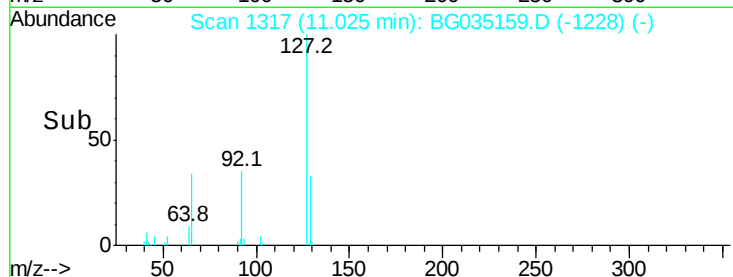
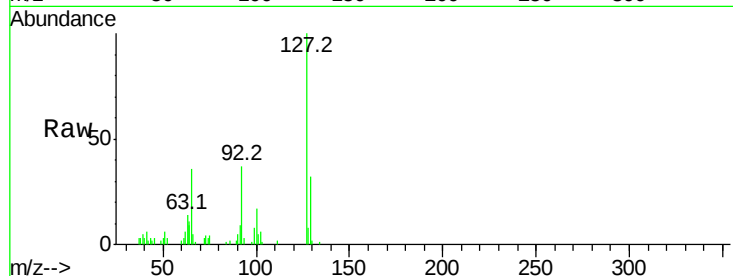
#33
4-Chloroaniline
Concen: 5.356 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	35.7	27.0	40.4
92	37.1	16.6	25.0

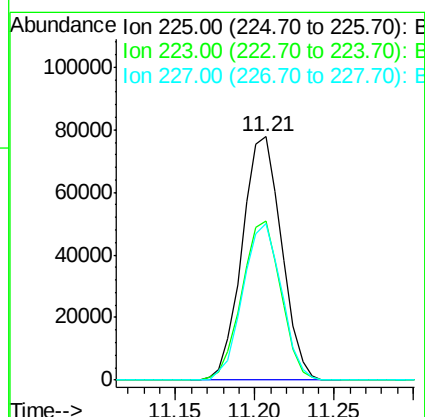
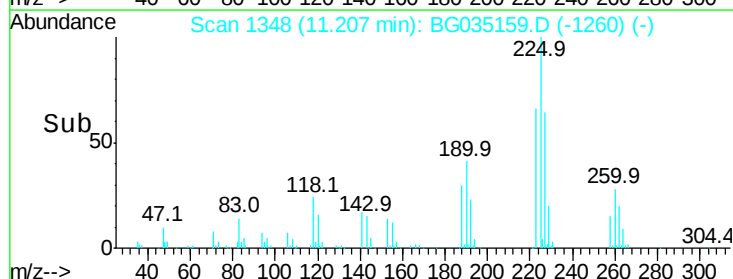
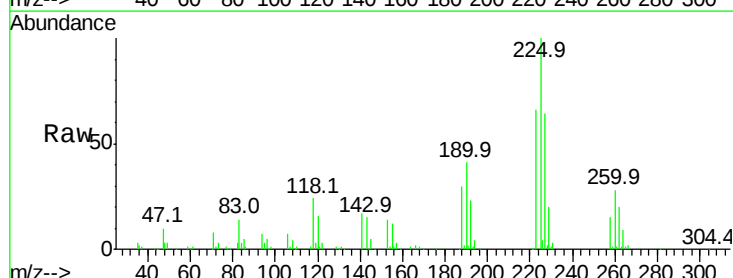
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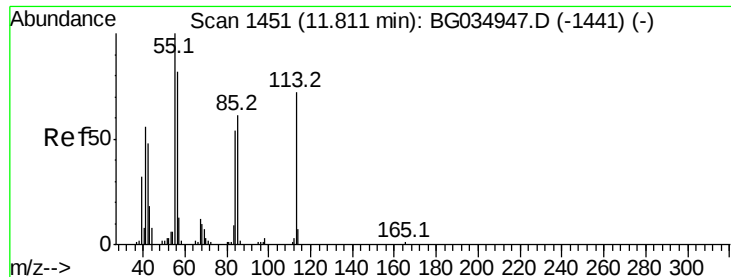
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#34
Hexachlorobutadiene
Concen: 42.892 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.7	74.5
227	64.1	48.1	72.1





#35

Caprolactam

Concen: 36.476 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

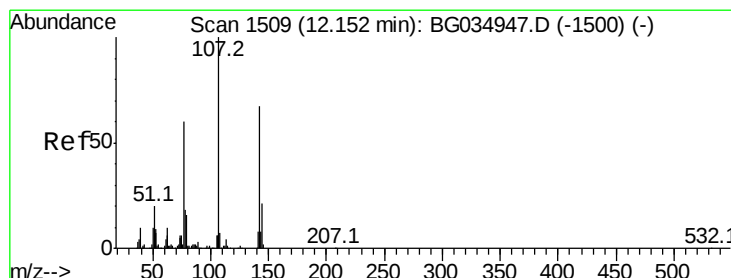
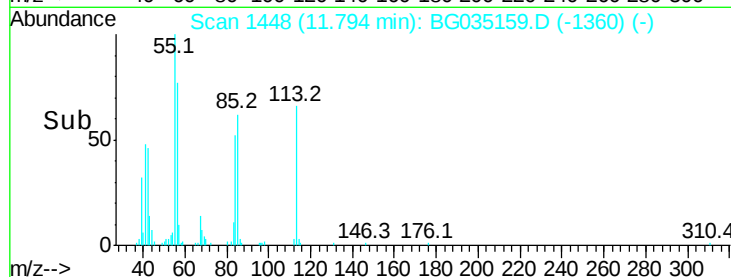
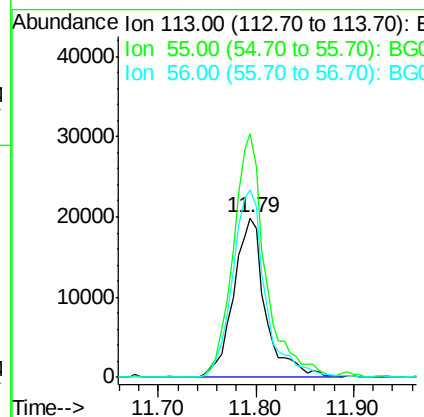
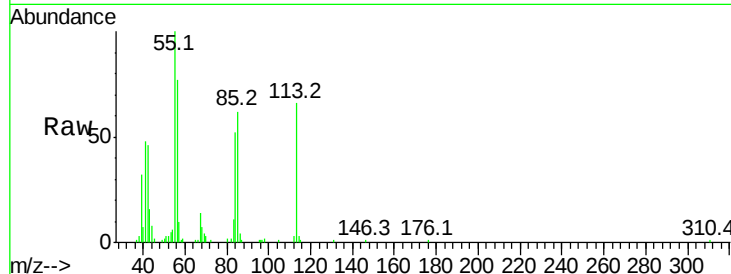
ClientSampleId :

OK-02-061218MSD

Tot Ion:	113	Resp:	45285
Ion Ratio	Lower	Upper	
113	100		
55	152.4	186.9	226.9#
56	117.2	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 35.051 ng

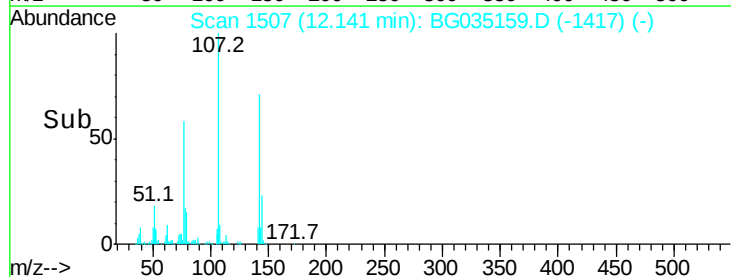
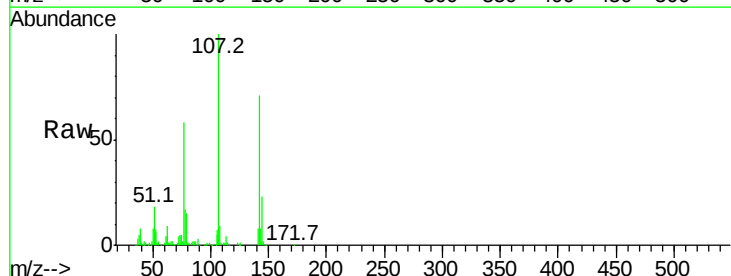
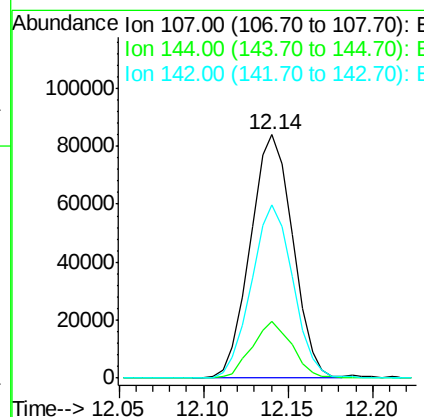
RT: 12.14 min Scan# 1507

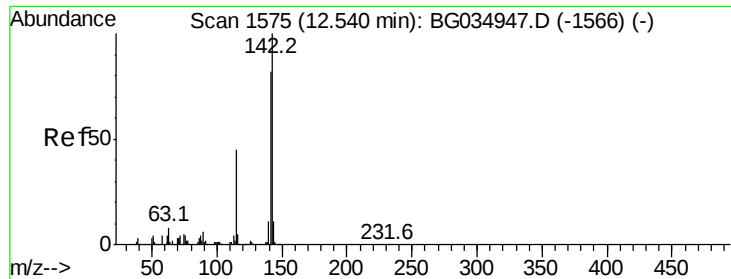
Delta R.T. -0.00 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	107	Resp:	146777
Ion Ratio	Lower	Upper	
107	100		
144	23.4	18.2	27.4
142	71.4	59.0	88.4





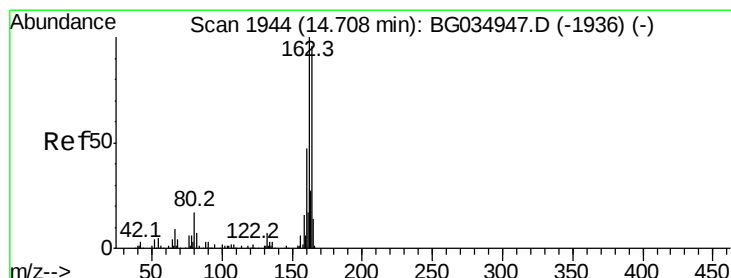
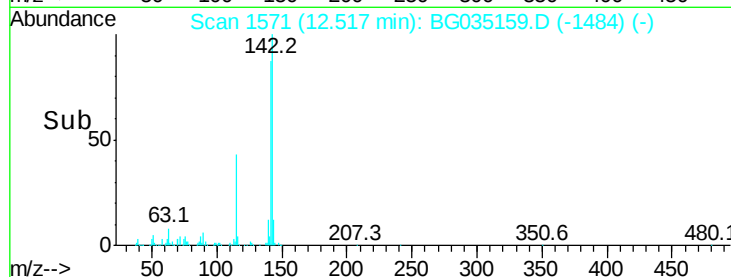
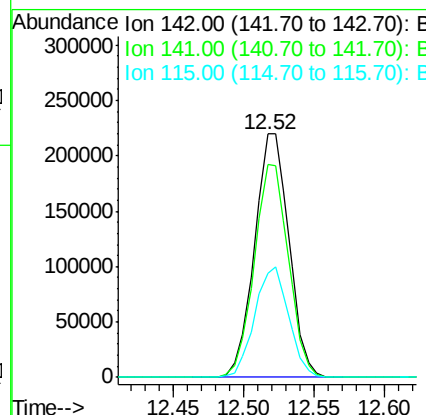
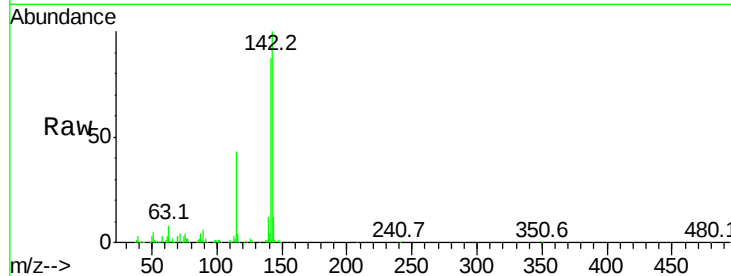
#37
2-Methylnaphthalene
Concen: 48.368 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.2	67.1	100.7	
115	43.0	30.7	46.1	

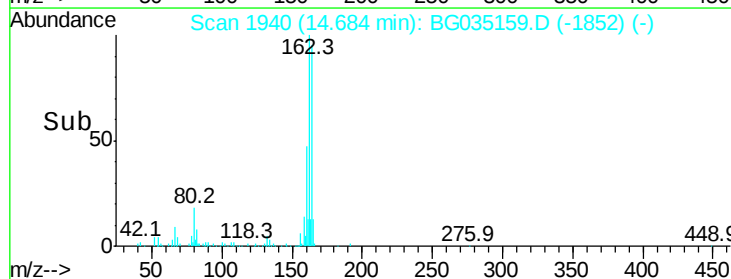
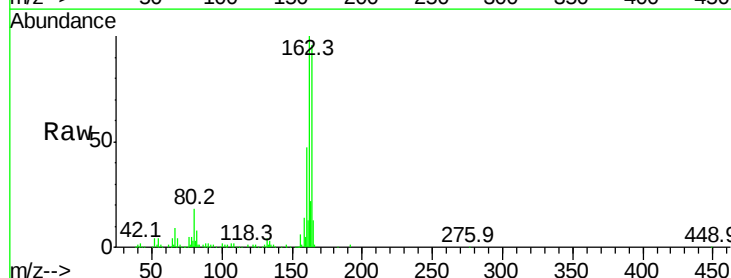
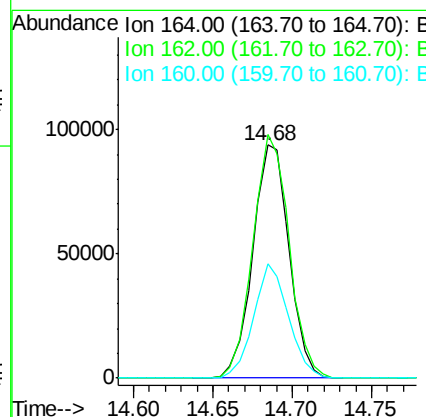
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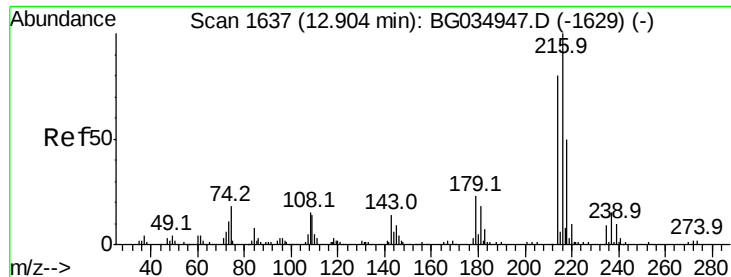
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	78.8	118.2	
160	48.9	35.4	53.0	





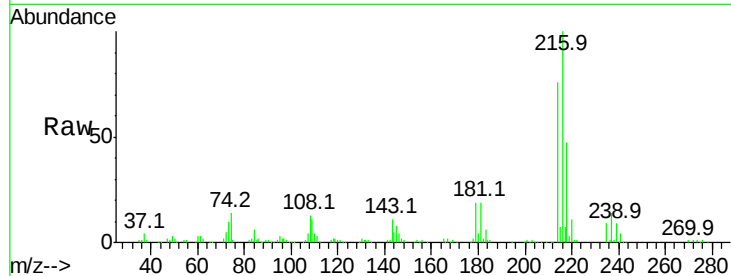
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.724 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

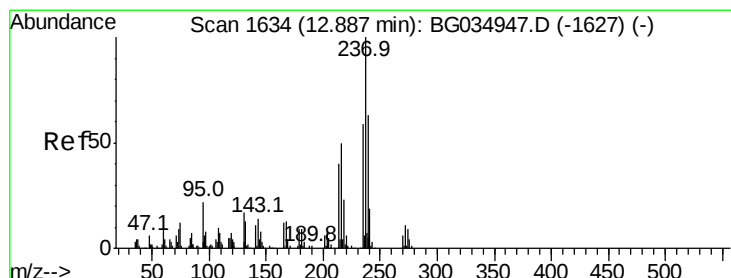
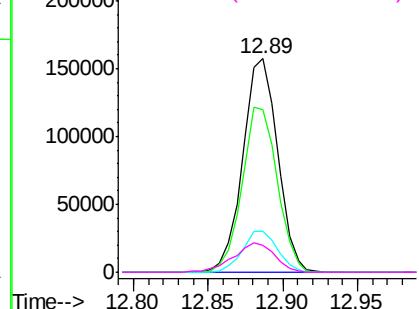
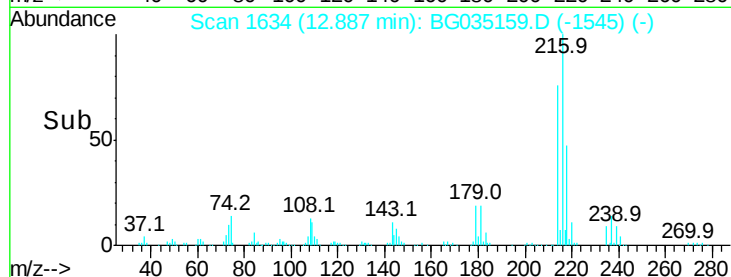
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.4	17.0	25.6
108	16.3	12.8	19.2

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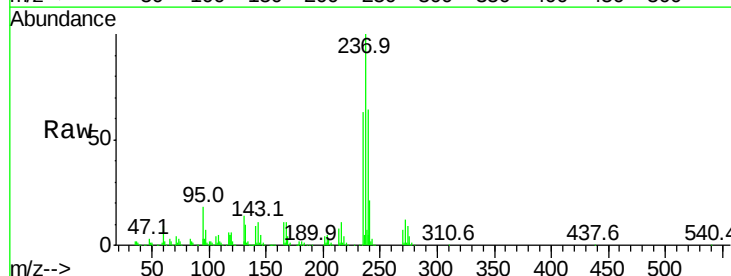


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

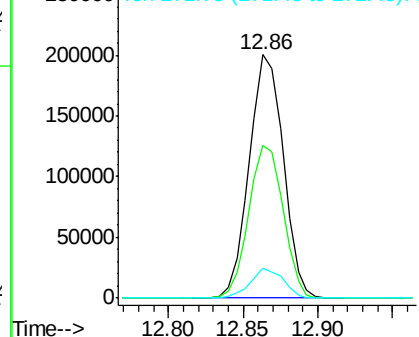
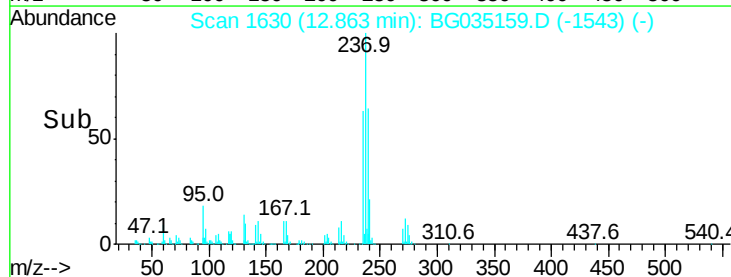


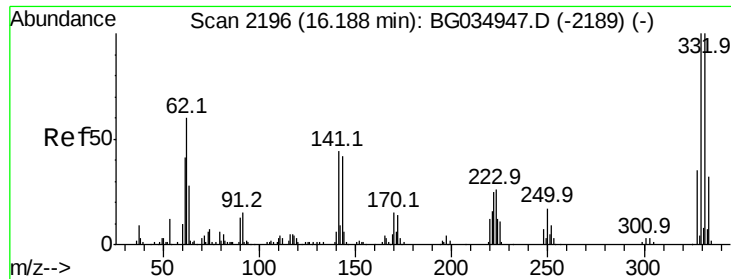
#40
 Hexachlorocyclopentadiene
 Concen: 91.064 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	50.4	90.4
272	12.4	0.0	31.8



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





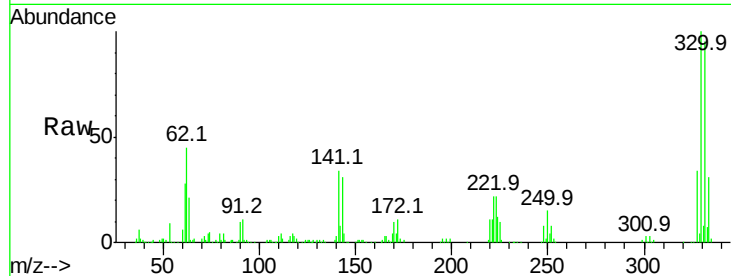
#41
 2,4,6-Tribromophenol
 Concen: 105.071 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

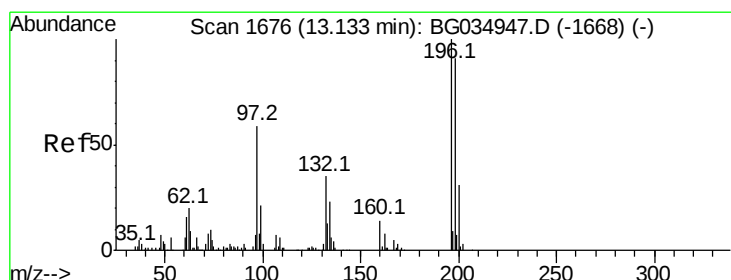
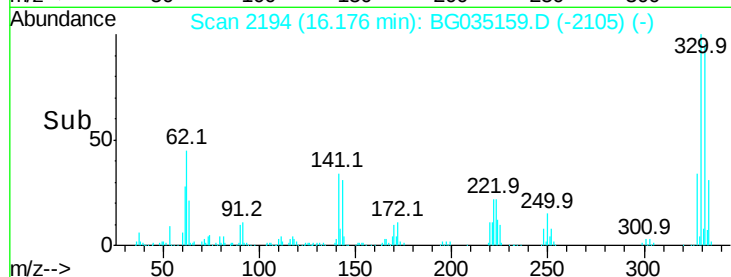
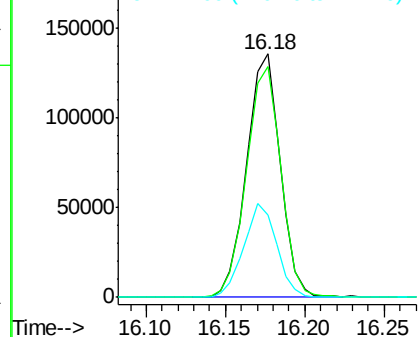
Tot Ion	Ratio	Resp	Lower	Upper
330	100	199980		
332	97.3	77.0	115.6	
141	38.0	25.2	37.8	

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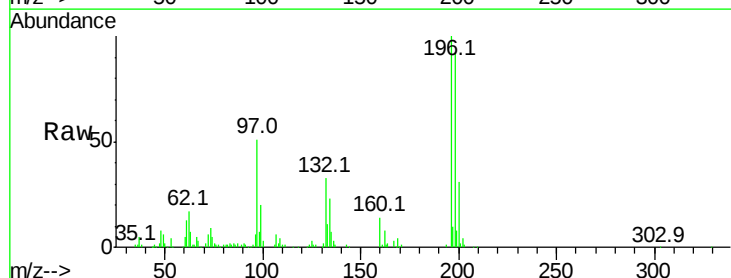


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

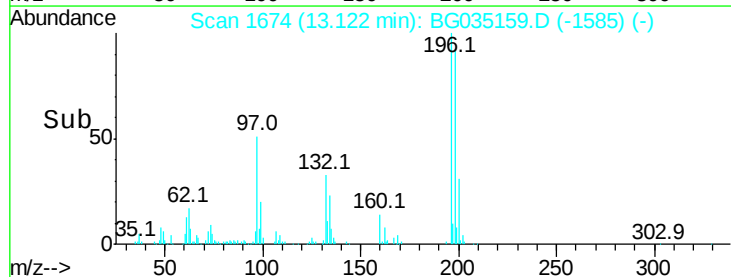
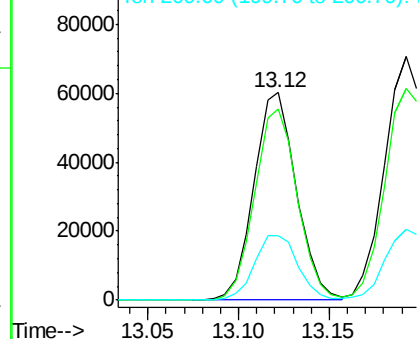


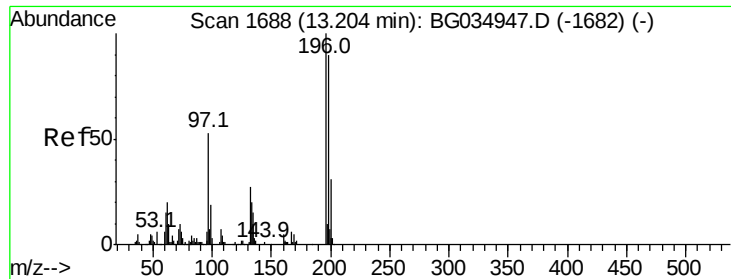
#42
 2,4,6-Trichlorophenol
 Concen: 29.717 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98543		
198	92.2	78.2	117.2	
200	31.3	24.6	36.8	



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





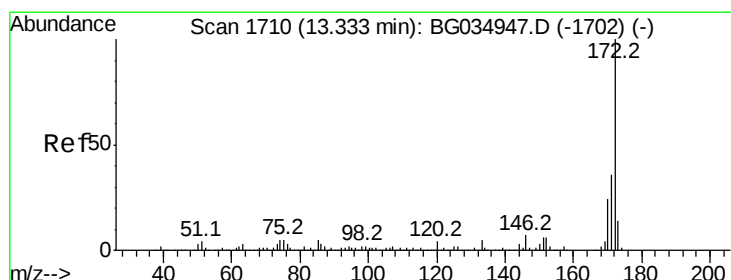
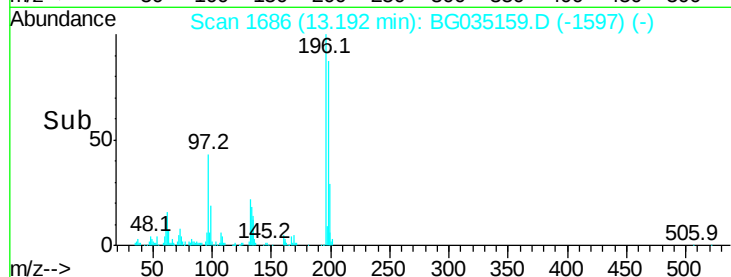
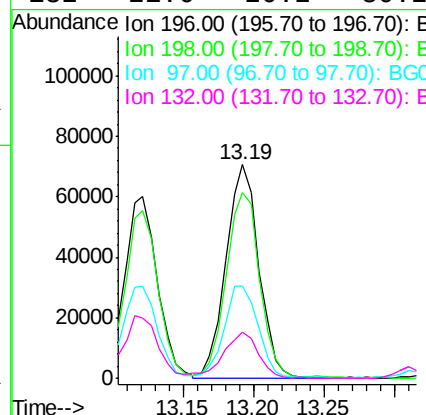
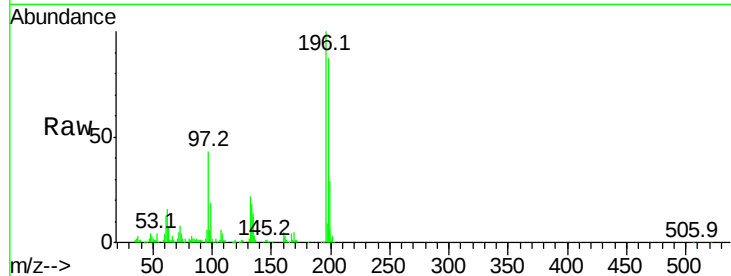
#43
 2,4,5-Trichlorophenol
 Concen: 31.472 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion:	196	Resp:	114547
Ion Ratio	Lower	Upper	
196	100		
198	86.9	76.2	114.4
97	42.9	38.7	58.1
132	21.6	20.2	30.2

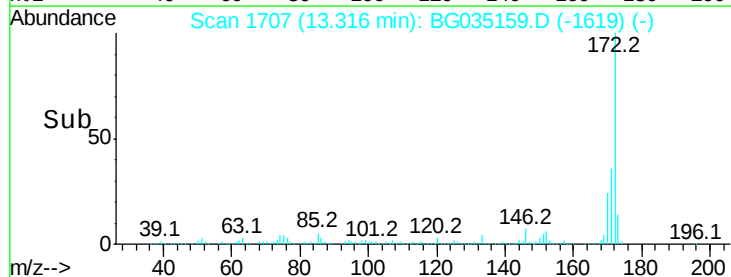
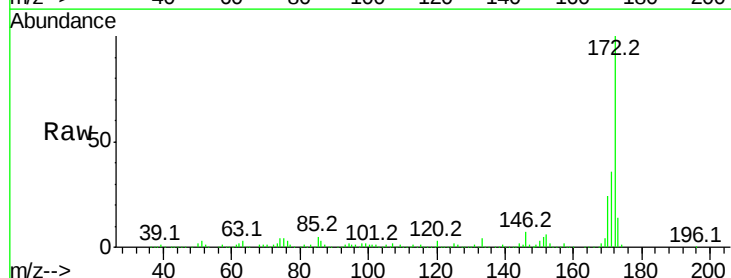
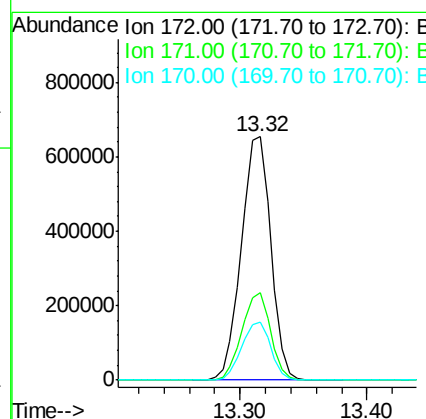
Manual Integrations
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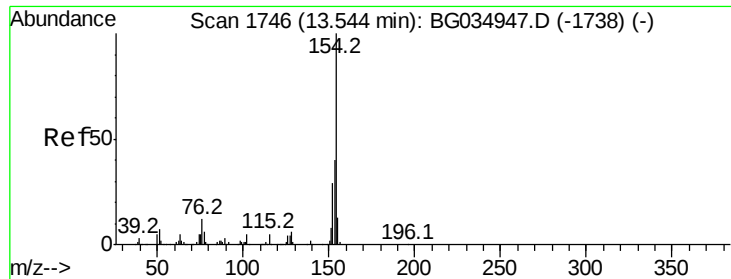
Sohil
 6/15/2018 1:44:07 PM



#44
 2-Fluorobiphenyl
 Concen: 91.938 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:	172	Resp:	1051487
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.0	45.0
170	23.7	19.5	29.3





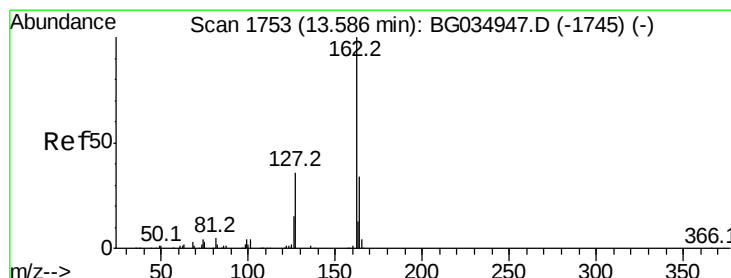
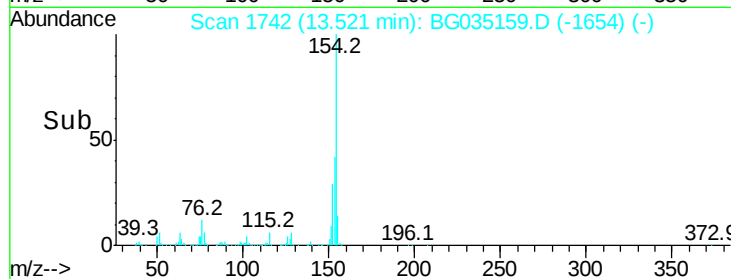
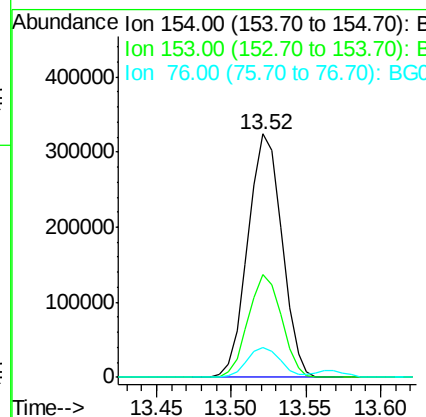
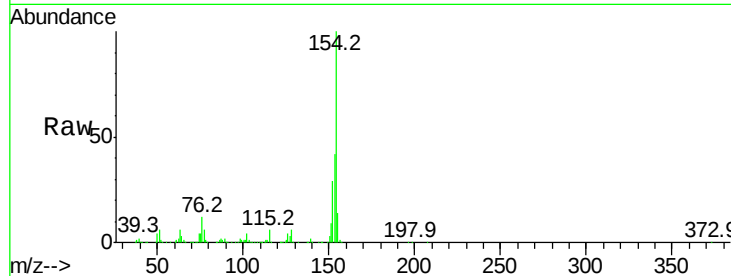
#45
 1,1'-Biphenyl
 Concen: 42.725 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.1	19.8	59.8	
76	12.1	0.0	31.9	

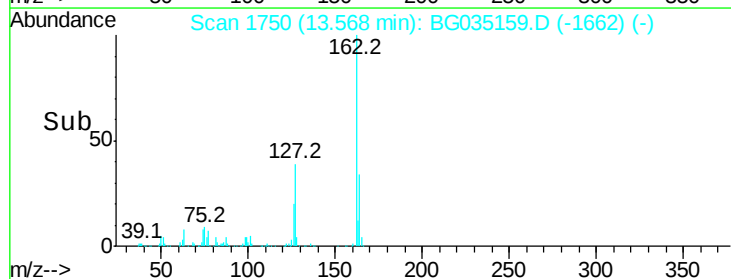
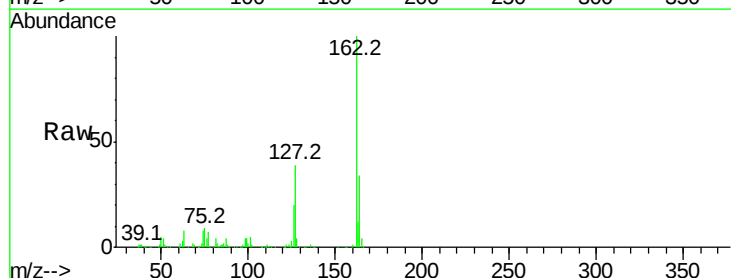
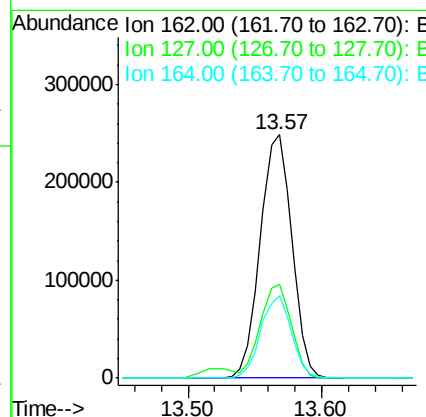
Manual Integrations
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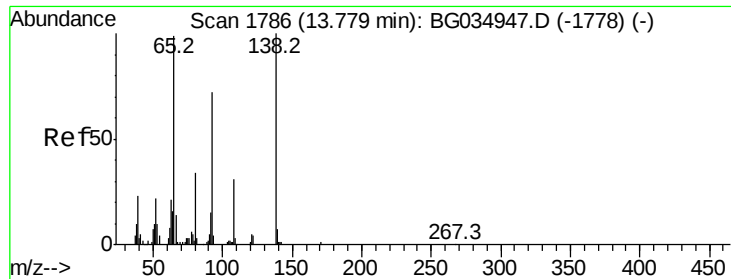
Sohil
 6/15/2018 1:44:07 PM



#46
 2-Chloronaphthalene
 Concen: 45.104 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	30.7	46.1	
164	33.9	26.0	39.0	





#47

2-Nitroaniline

Concen: 54.945 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

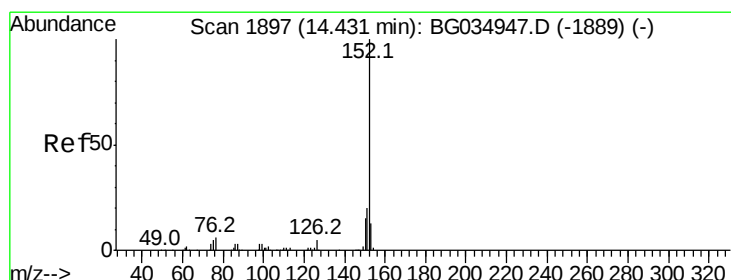
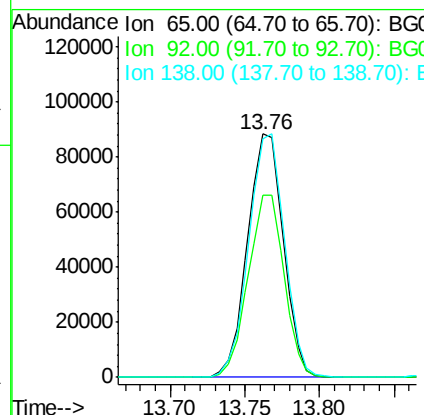
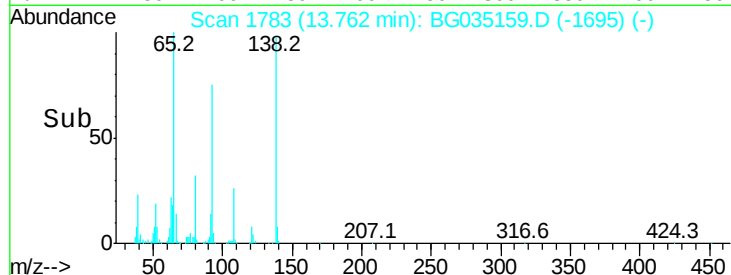
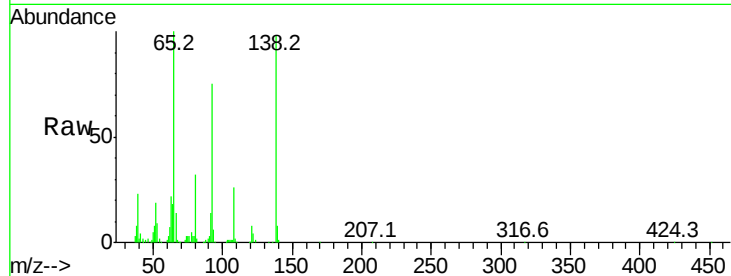
ClientSampleId :

OK-02-061218MSD

Tot Ion:	65	Resp:	146655
Ion Ratio	Lower	Upper	
65	100		
92	74.8	54.6	82.0
138	98.0	72.9	109.3

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#48

Acenaphthylene

Concen: 45.561 ng

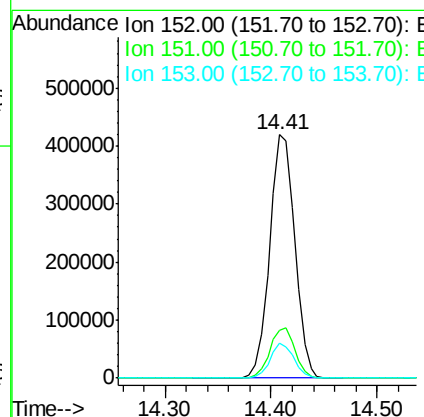
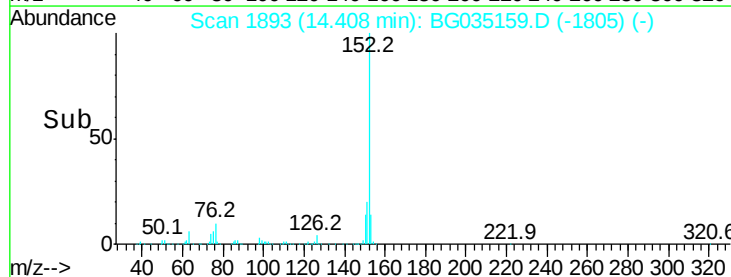
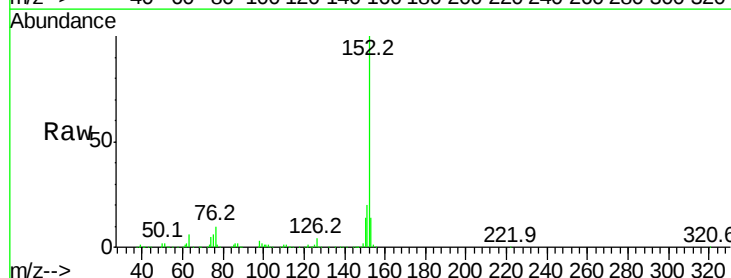
RT: 14.41 min Scan# 1893

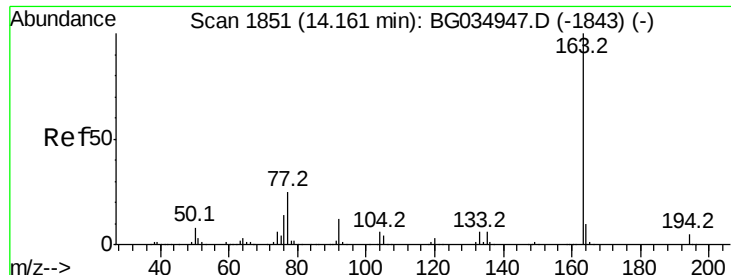
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	152	Resp:	690543
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.2	25.8
153	14.2	10.2	15.4





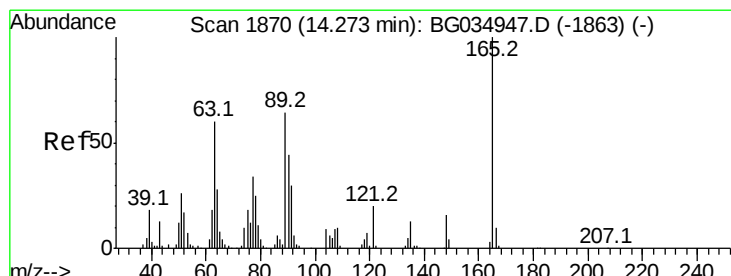
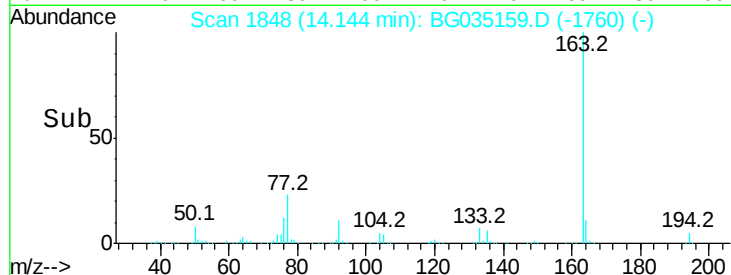
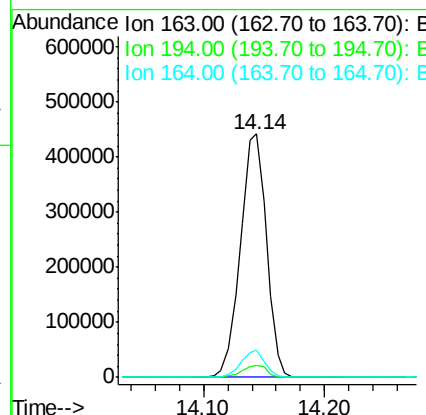
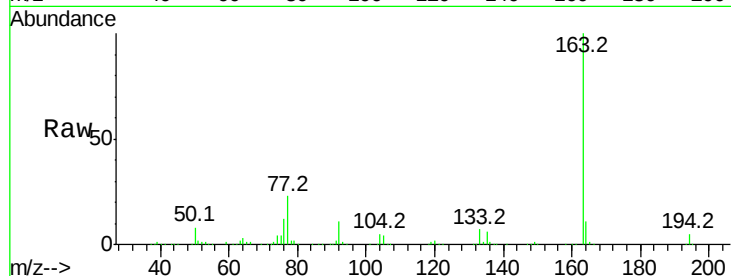
#49
Dimethylphthalate
Concen: 51.350 ng
RT: 14.14 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	3.4	5.2
164	11.1	8.2	12.4

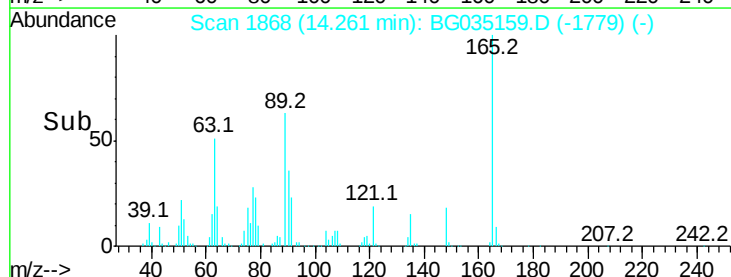
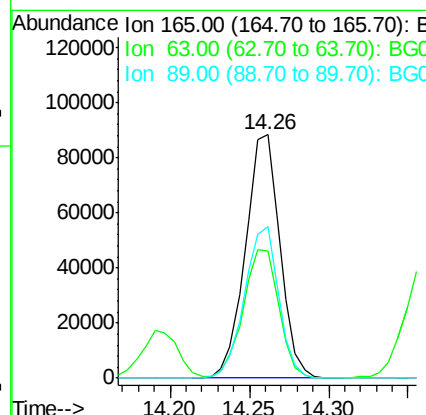
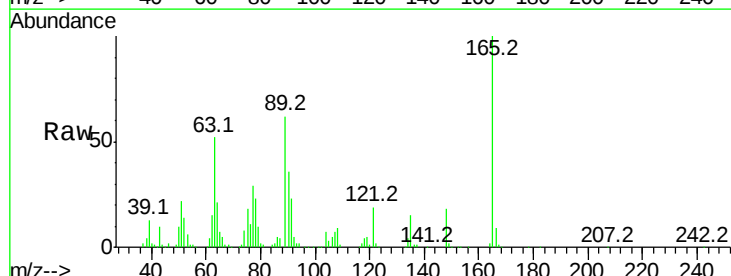
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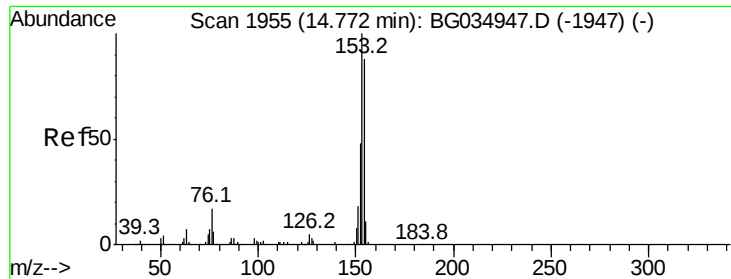
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#50
2,6-Dinitrotoluene
Concen: 56.378 ng
RT: 14.26 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	52.4	52.7	79.1#
89	62.4	49.2	73.8





#51

Acenaphthene

Concen: 45.593 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

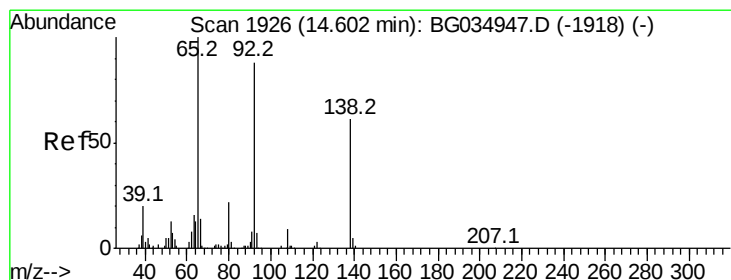
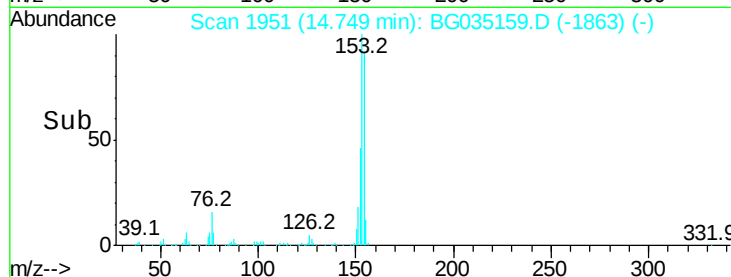
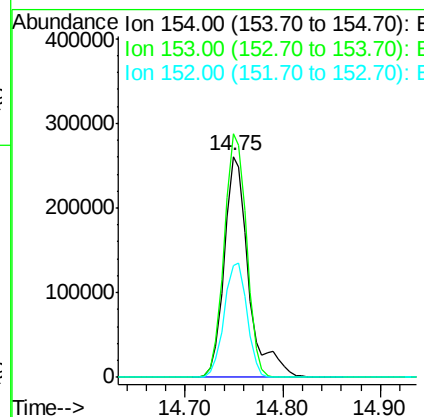
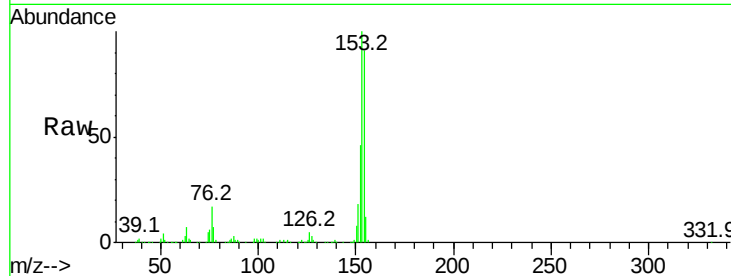
ClientSampleId :

OK-02-061218MSD

Tot Ion:	154	Resp:	451499
Ion Ratio	Lower	Upper	
154	100		
153	110.1	90.4	135.6
152	50.8	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.525 ng

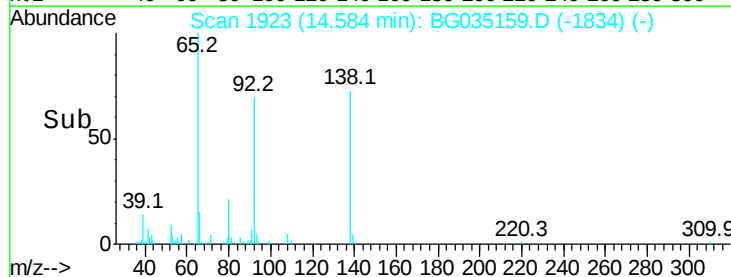
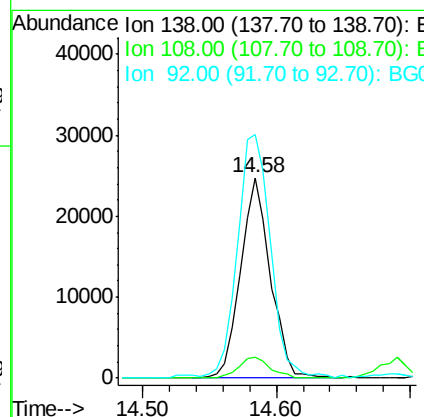
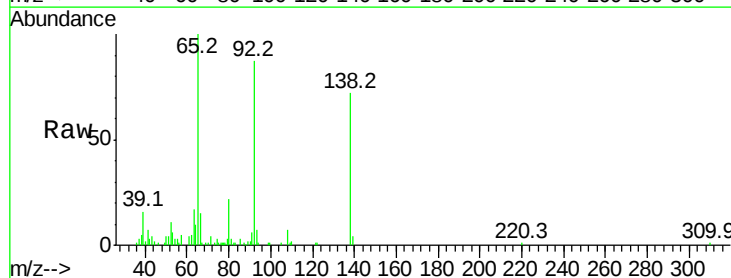
RT: 14.58 min Scan# 1923

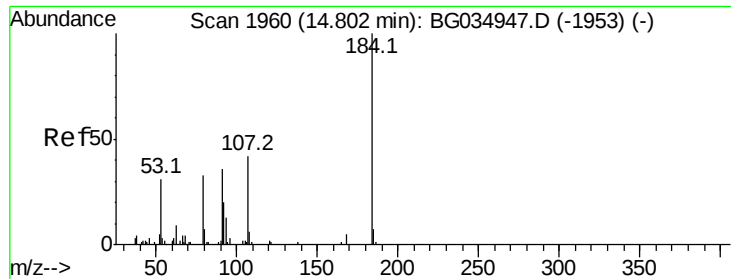
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	138	Resp:	38355
Ion Ratio	Lower	Upper	
138	100		
108	10.5	17.5	26.3#
92	121.4	105.8	158.8





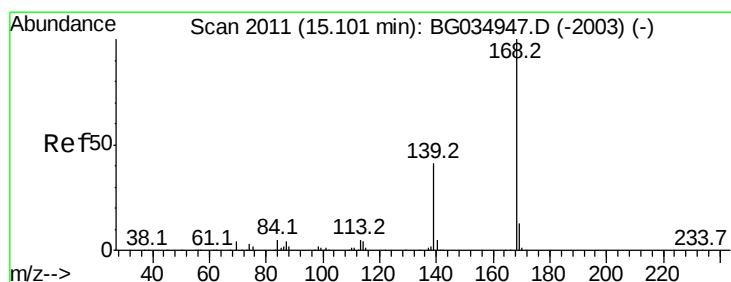
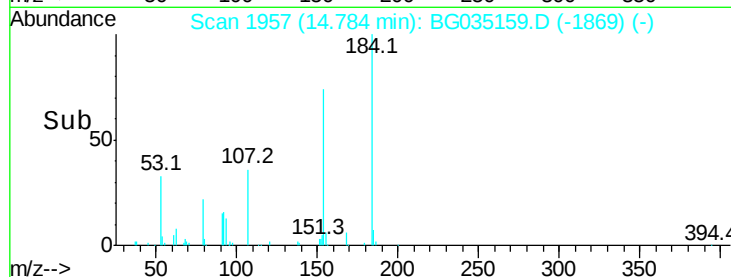
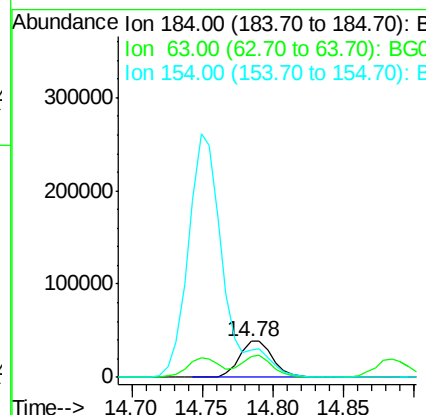
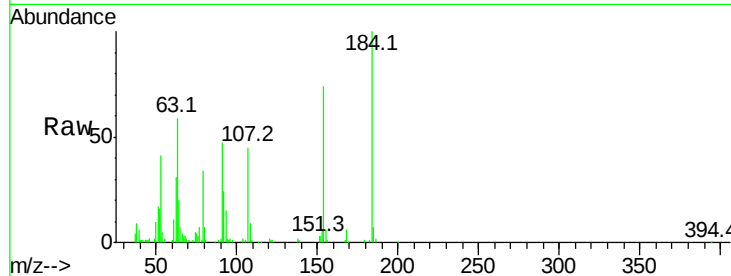
#53
2,4-Dinitrophenol
Concen: 68.139 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.0	59.8	89.8#
154	74.1	101.8	152.8#

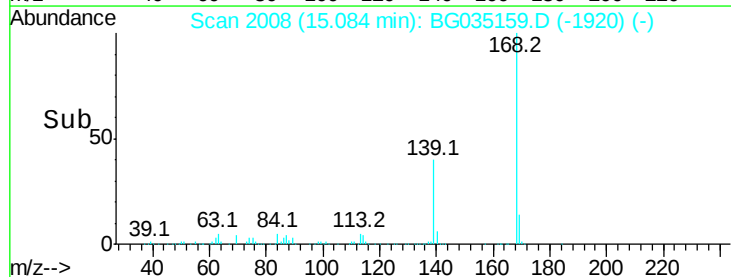
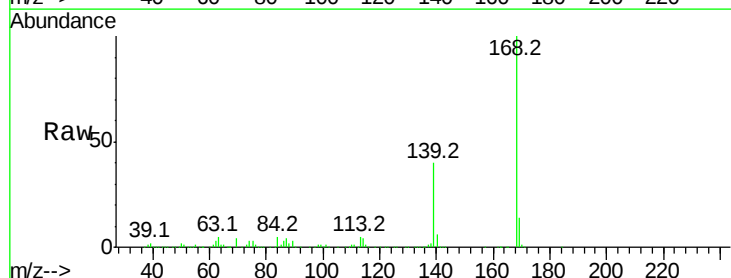
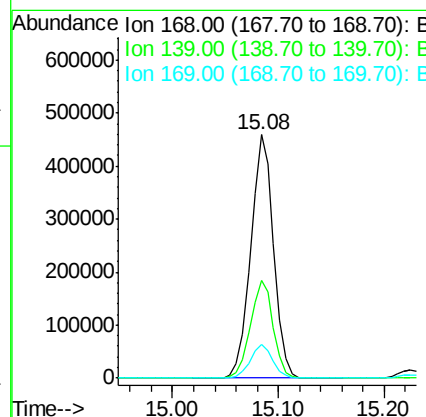
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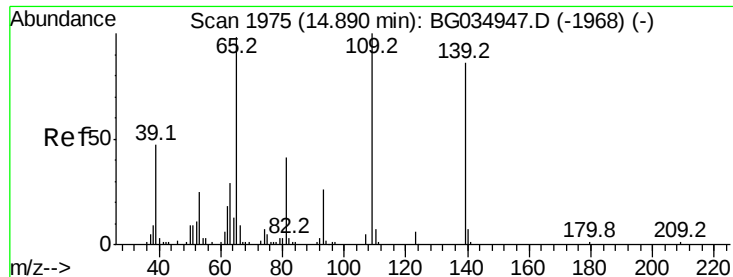
Sohil
6/15/2018 1:44:07 PM



#54
Dibenzofuran
Concen: 46.105 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	28.6	43.0
169	13.7	11.2	16.8





#55

4-Nitrophenol

Concen: 49.945 ng

RT: 14.88 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tot Ion:139 Resp: 97834

Ion Ratio Lower Upper

139 100

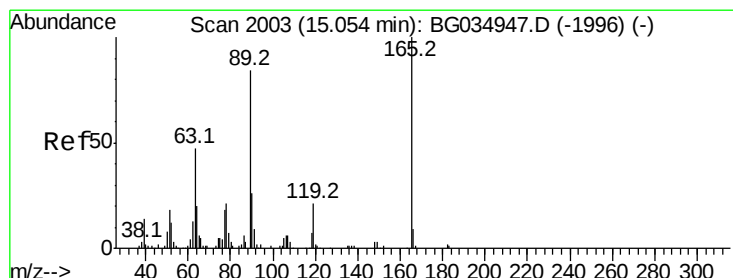
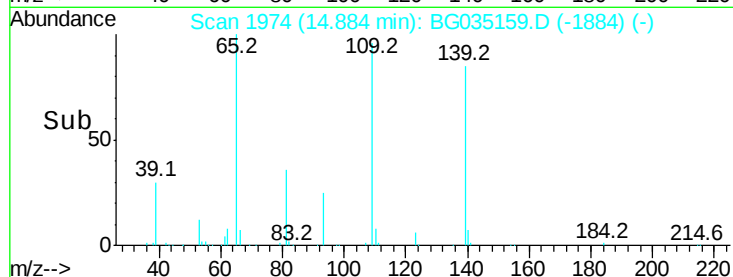
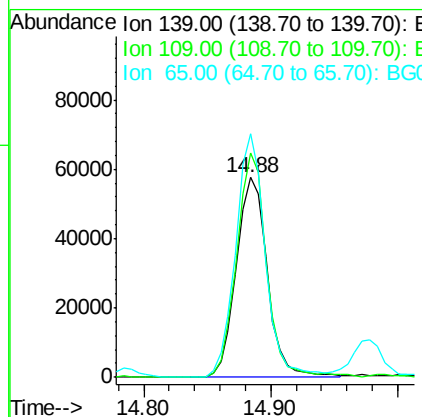
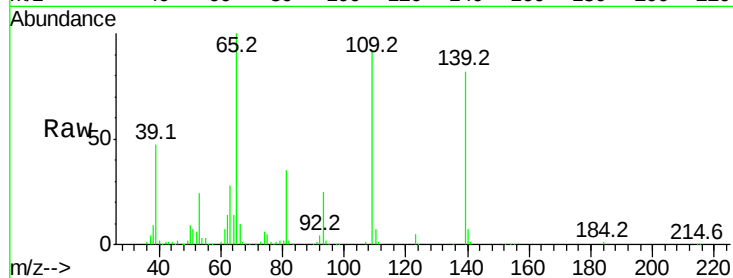
109 112.7 62.2 102.2#

65 122.0 97.2 137.2

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#56

2,4-Dinitrotoluene

Concen: 60.470 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:165 Resp: 190000

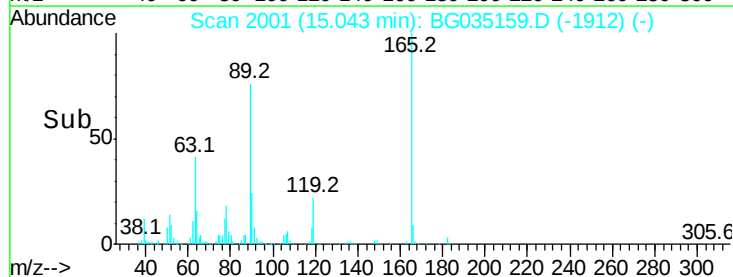
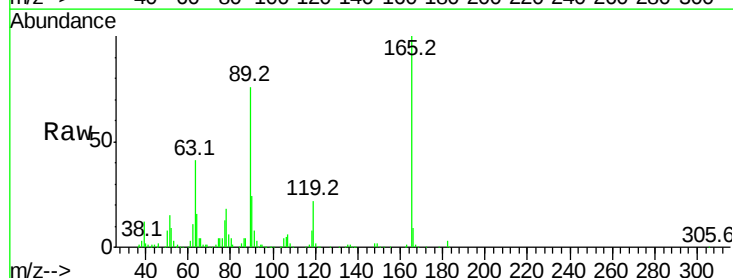
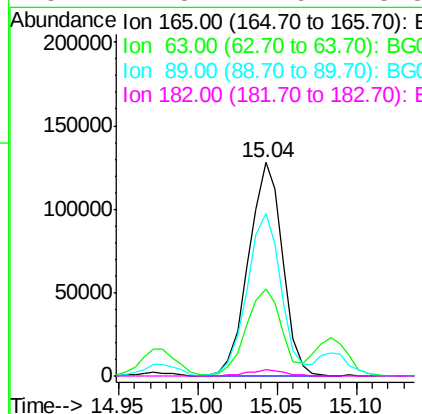
Ion Ratio Lower Upper

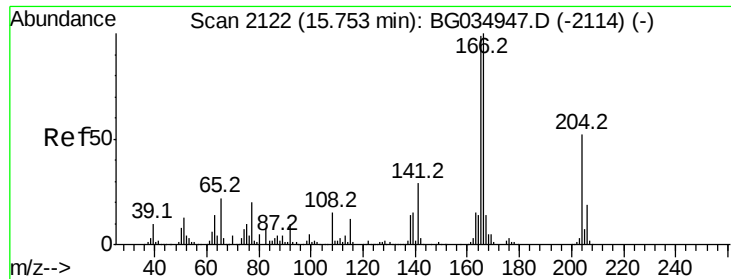
165 100

63 40.9 42.0 63.0#

89 76.4 66.9 100.3

182 2.8 2.6 3.8





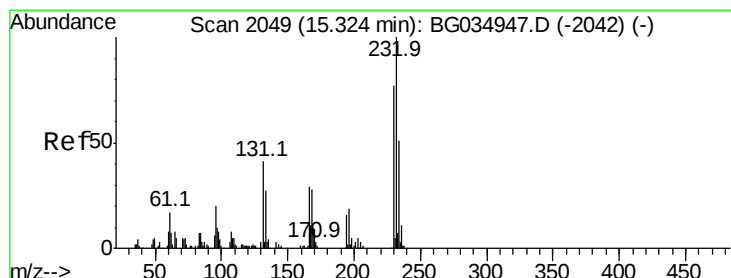
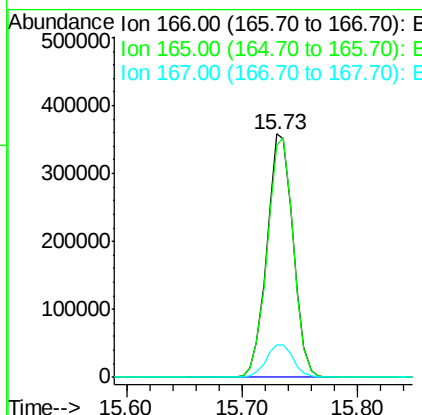
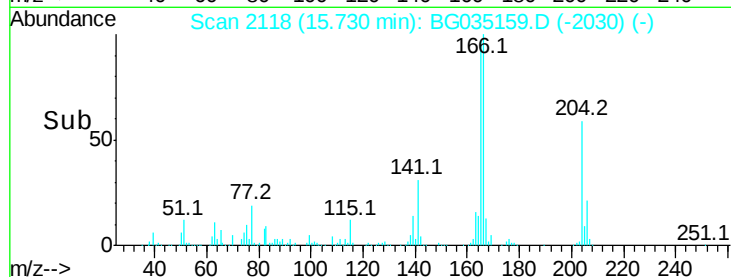
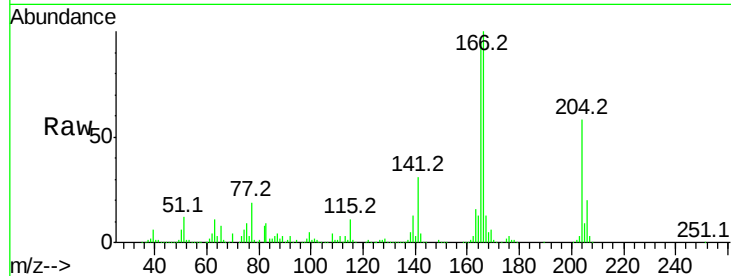
#57
Fluorene
 Concen: 45.528 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.3	80.6	121.0	
167	13.4	10.4	15.6	

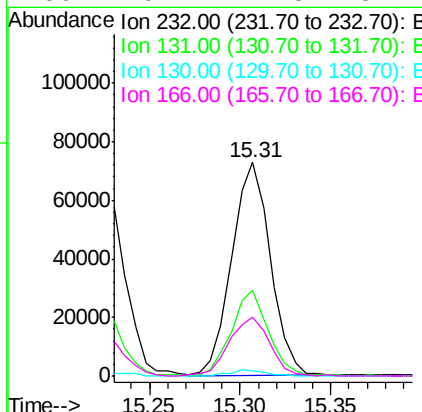
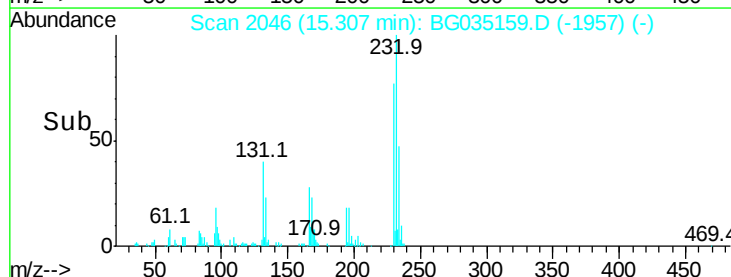
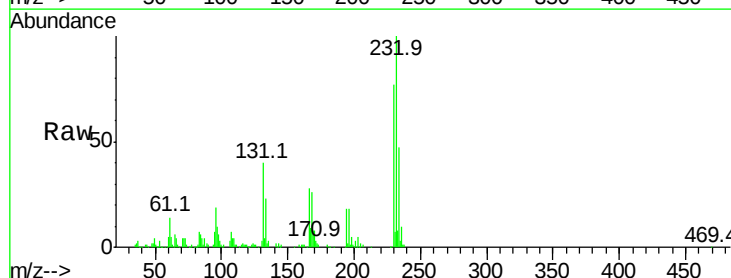
Manual Integrations
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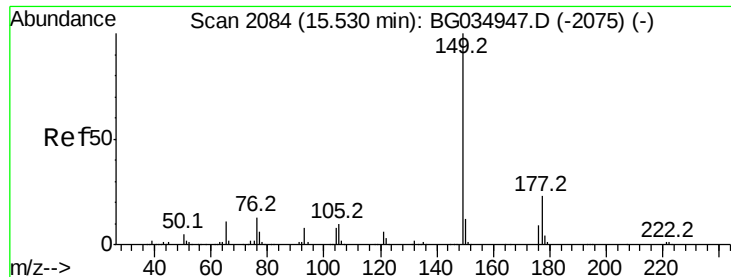
Sohil
 6/15/2018 1:44:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.553 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.5	33.5	50.3	
130	2.6	2.2	3.2	
166	29.2	24.8	37.2	





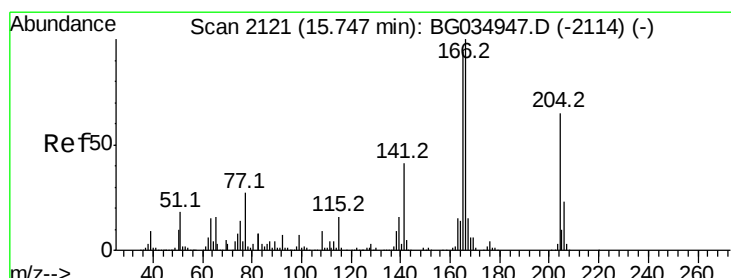
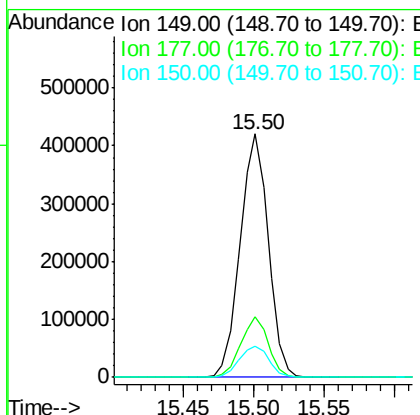
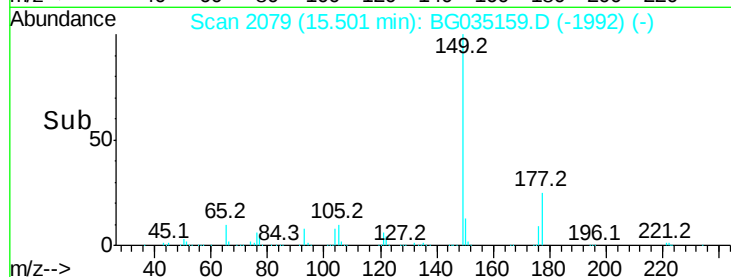
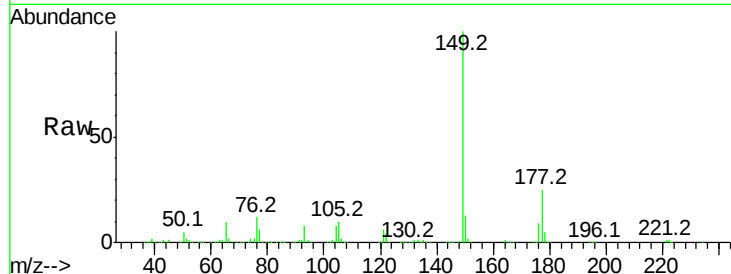
#59
Diethylphthalate
Concen: 44.233 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	25.1	18.5	27.7
150	12.6	10.2	15.2

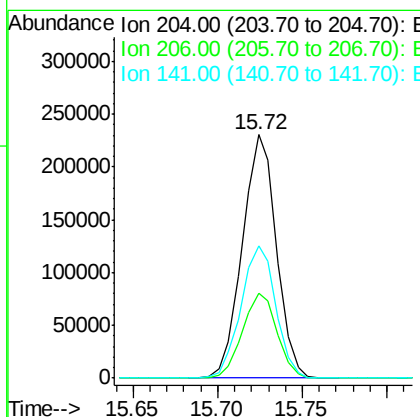
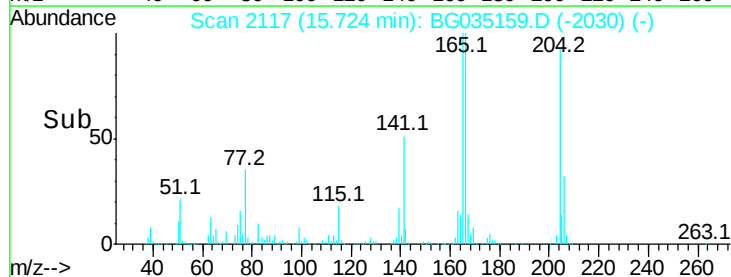
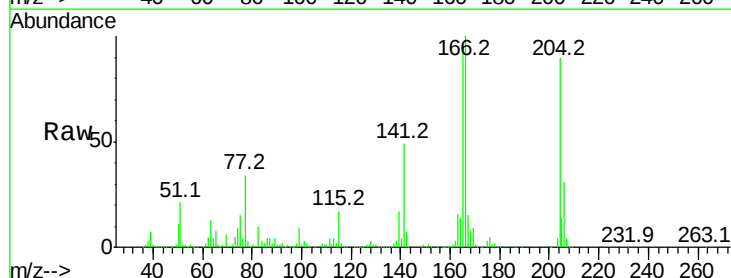
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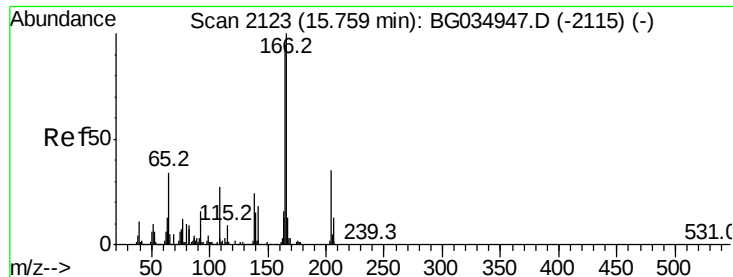
Sohil
6/15/2018 1:44:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.668 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.7	26.2	39.2
141	54.4	45.8	68.6





#61

4-Nitroaniline

Concen: 52.267 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tot Ion:138 Resp: 130099

Ion Ratio Lower Upper

138 100

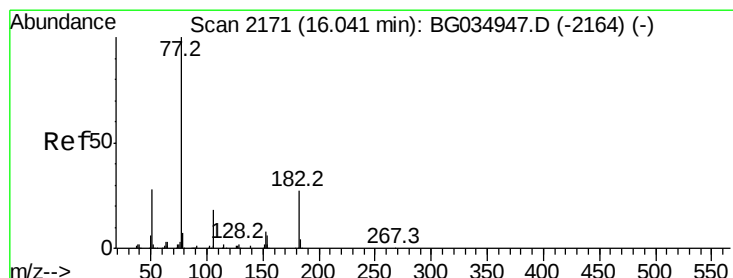
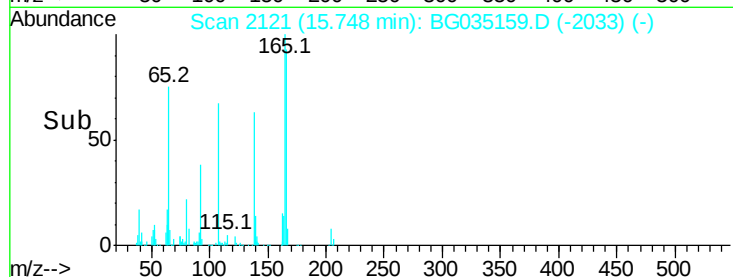
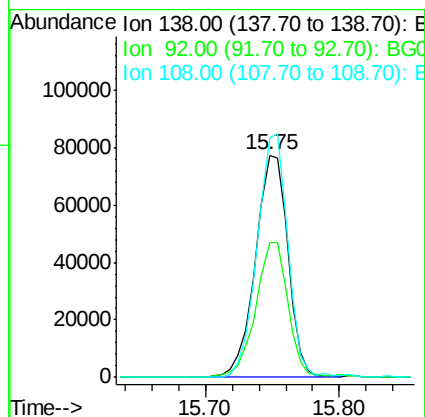
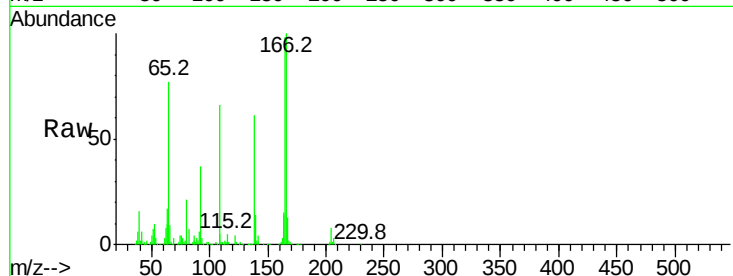
92 60.8 40.1 80.1

108 108.3 65.4 105.4#

Manual Integrations
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#62

Azobenzene

Concen: 44.470 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion: 77 Resp: 576444

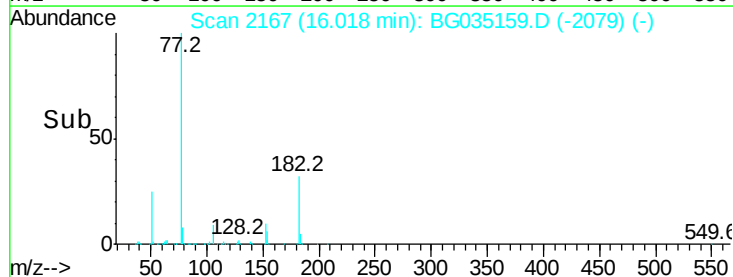
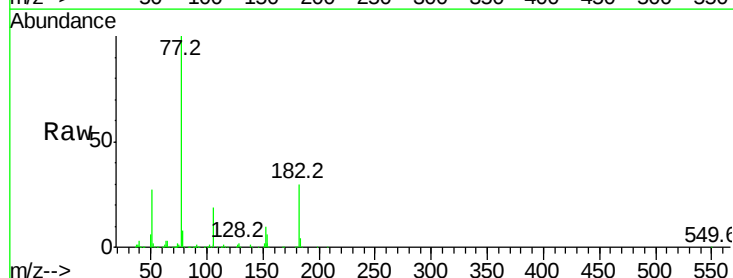
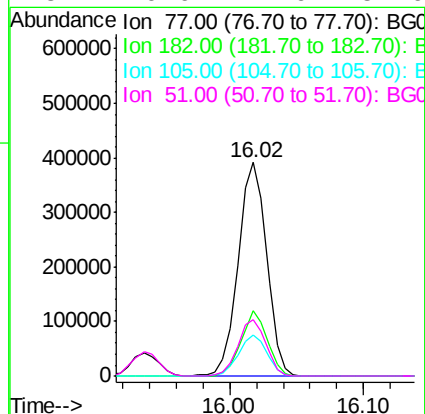
Ion Ratio Lower Upper

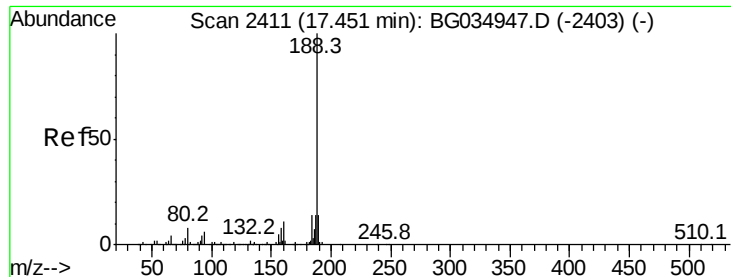
77 100

182 30.3 7.4 47.4

105 19.4 0.3 40.3

51 26.6 11.6 51.6





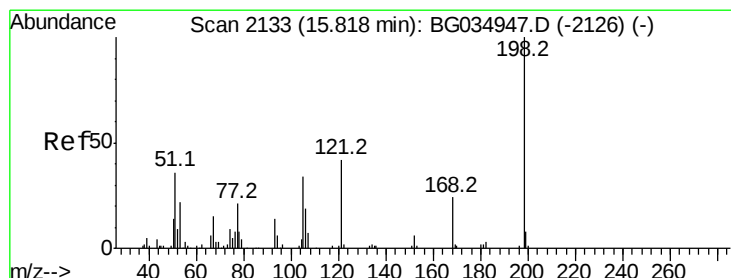
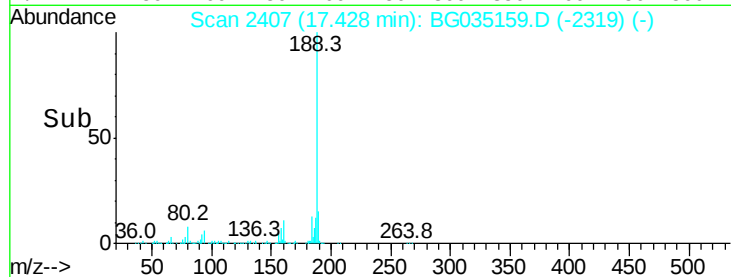
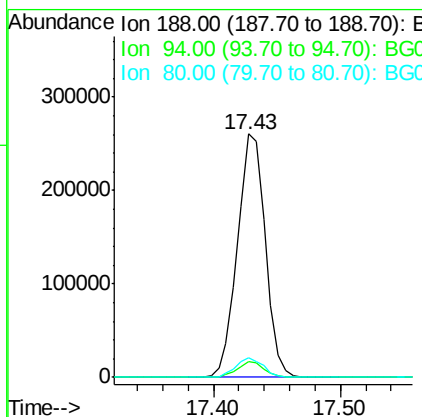
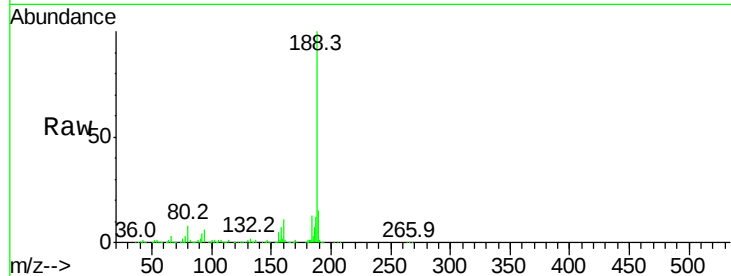
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	6.9	10.3#
80	7.9	7.7	11.5

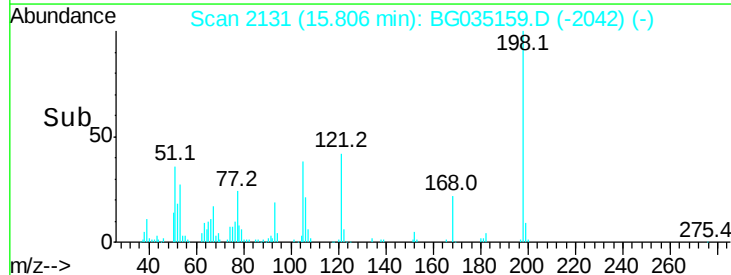
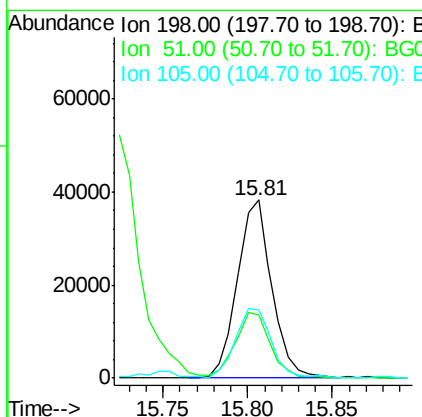
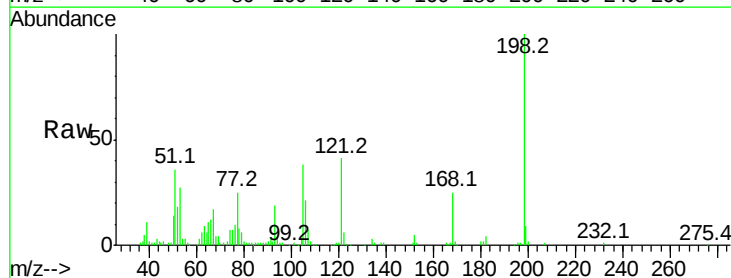
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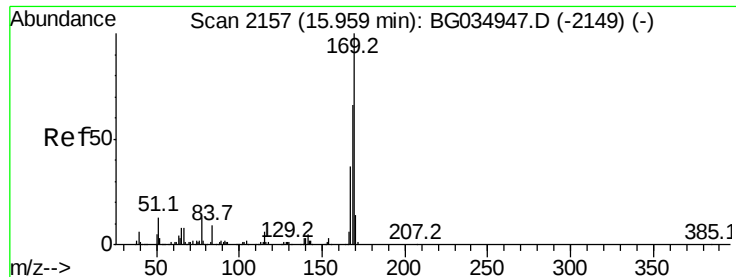
Sohil
6/15/2018 1:44:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.153 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	35.5	30.6	70.6
105	38.2	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.930 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

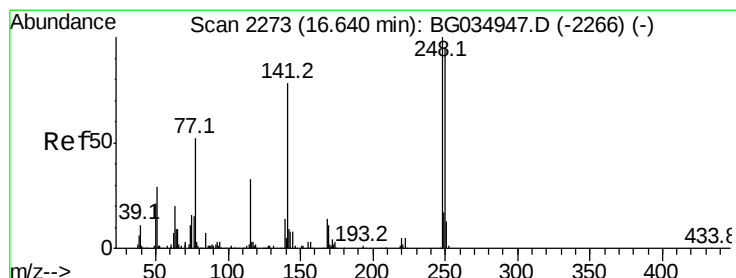
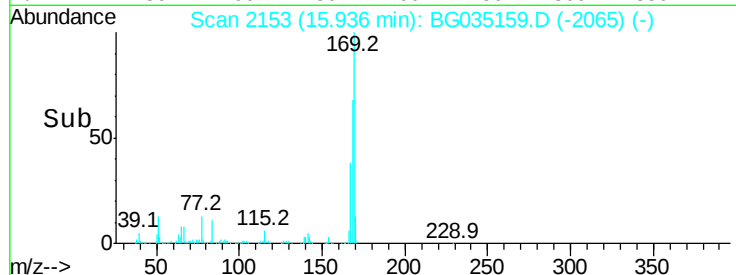
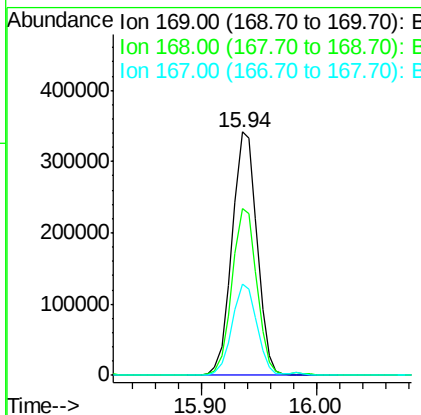
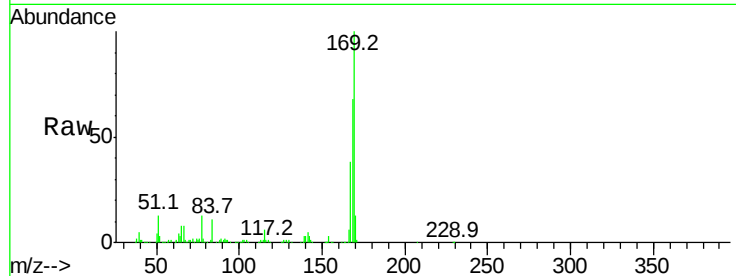
ClientSampleId :

OK-02-061218MSD

Tot Ion:	169	Resp:	510134
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.7	83.5
167	37.6	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 46.716 ng

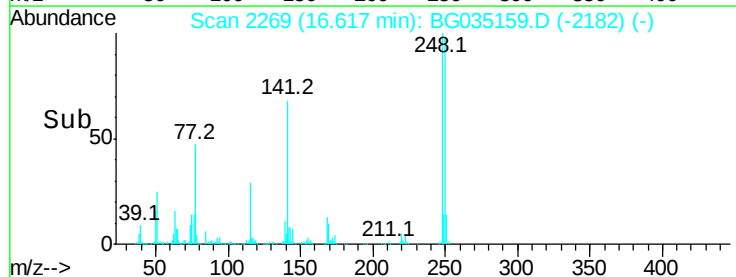
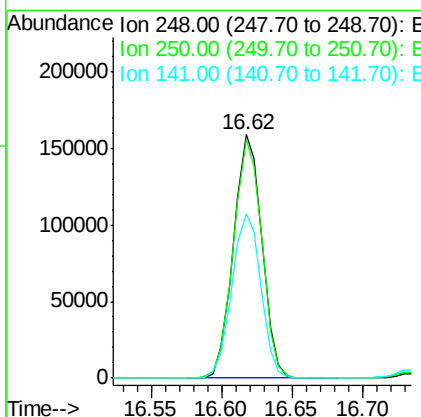
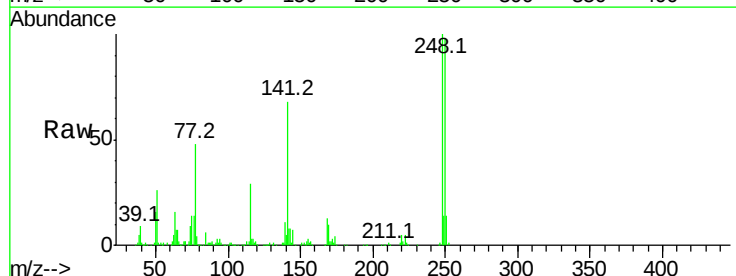
RT: 16.62 min Scan# 2269

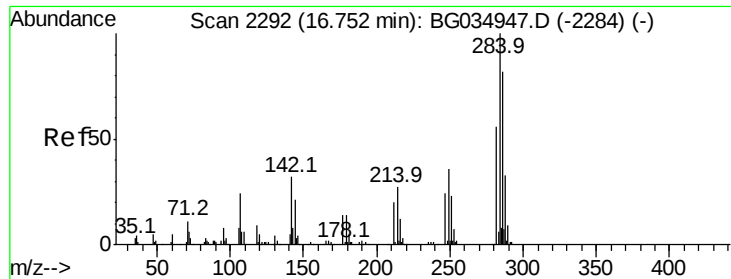
Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:	248	Resp:	222604
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.1	115.7
141	67.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.212 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

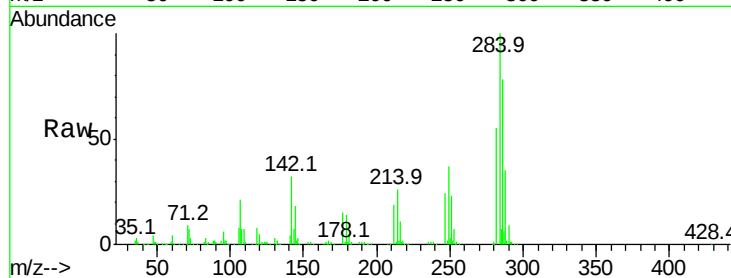
ClientSampleId :

OK-02-061218MSD

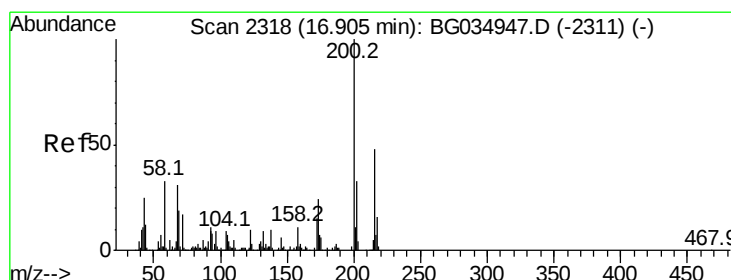
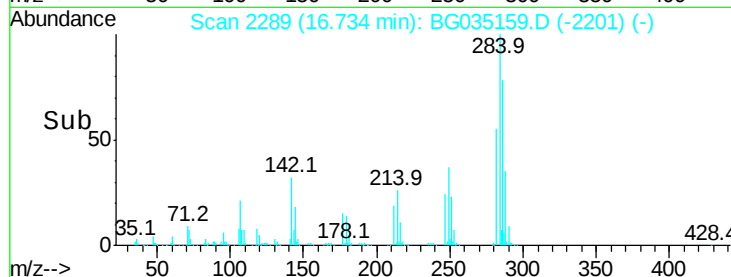
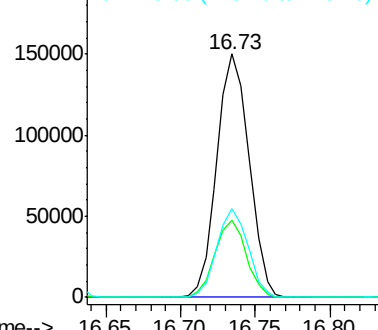
Tot Ion:	284	Resp:	224125
Ion Ratio		Lower	Upper
284	100		
142	31.5	26.8	40.2
249	36.5	26.3	39.5

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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: 45.655 ng

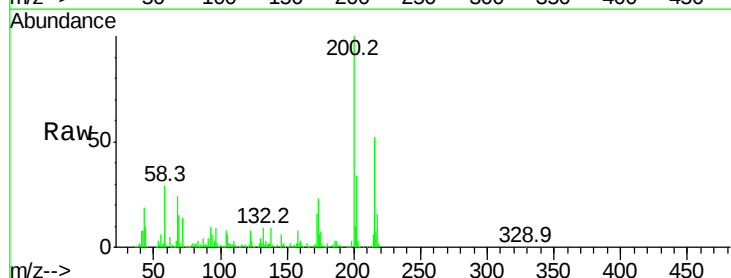
RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

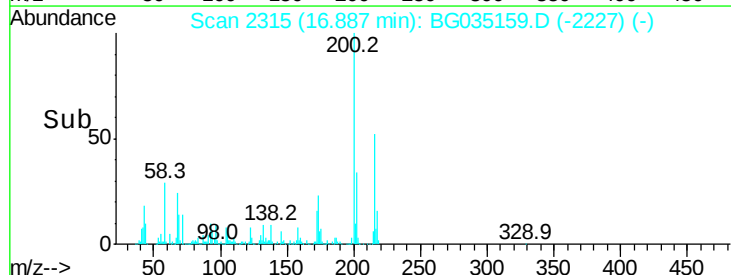
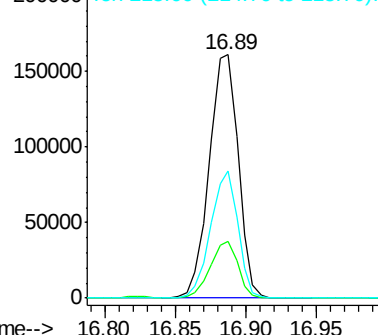
Lab File: BG035159.D

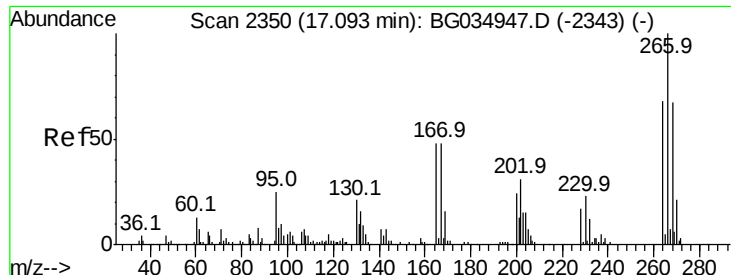
Acq: 15 Jun 2018 5:31

Tgt Ion:	200	Resp:	231350
Ion Ratio		Lower	Upper
200	100		
173	23.3	5.2	45.2
215	52.3	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





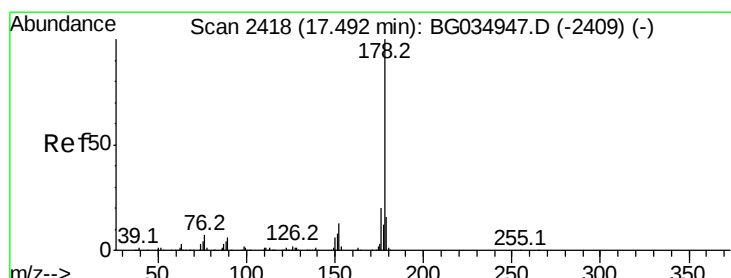
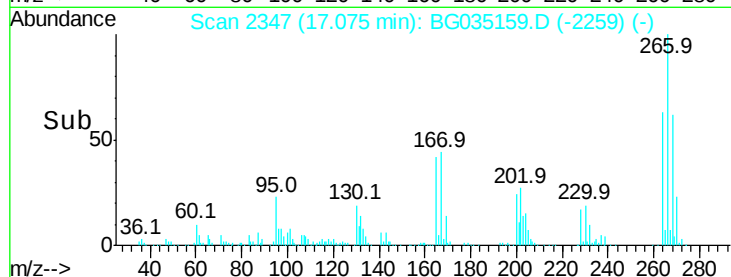
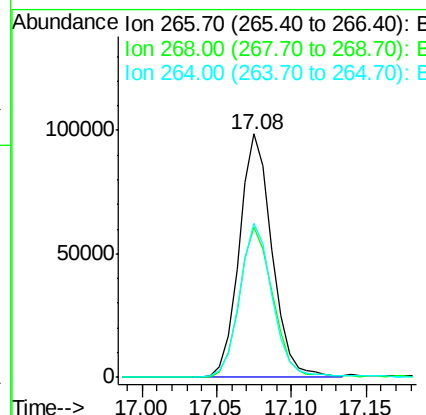
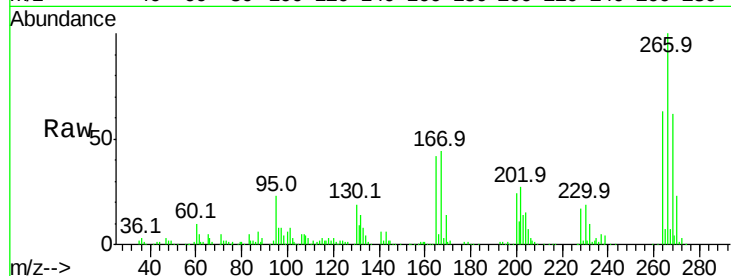
#69
 Pentachlorophenol
 Concen: 46.114 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	51.1	76.7
264	63.4	49.6	74.4

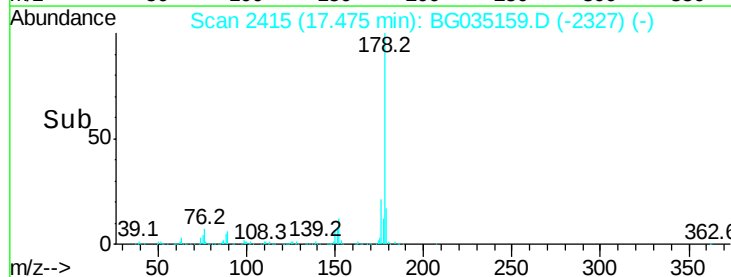
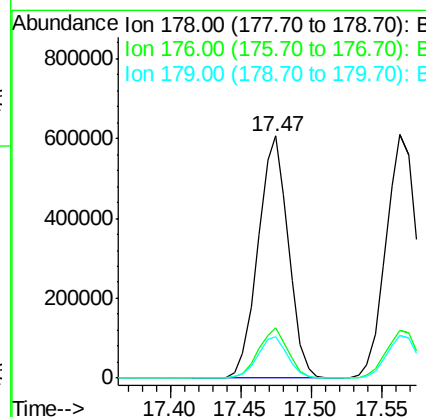
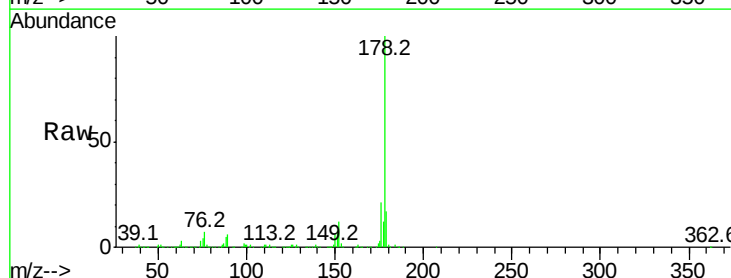
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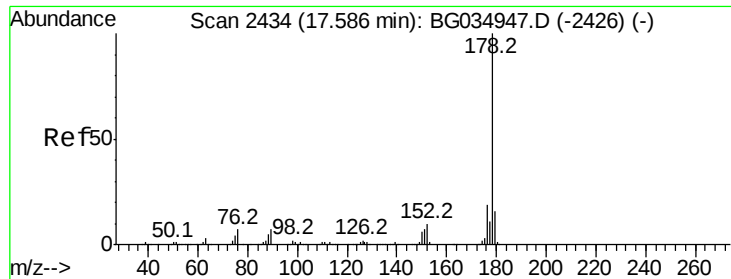
Sohil
 6/15/2018 1:44:07 PM



#70
 Phenanthrene
 Concen: 45.403 ng
 RT: 17.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.6	15.7	23.5
179	17.0	12.5	18.7





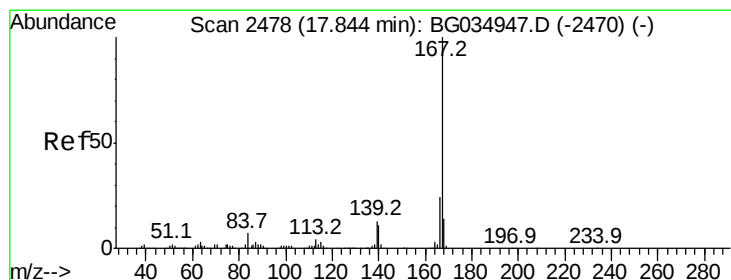
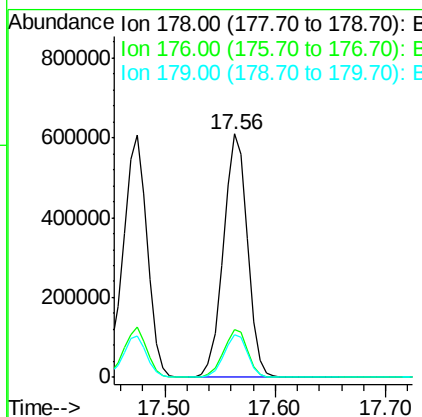
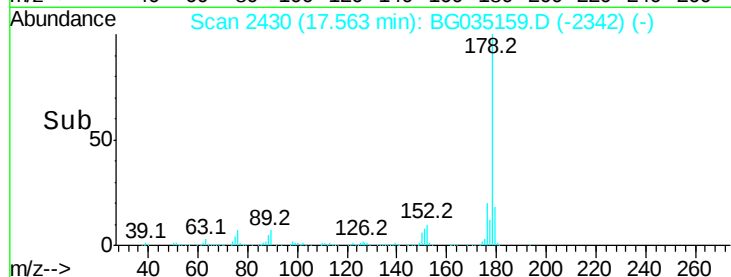
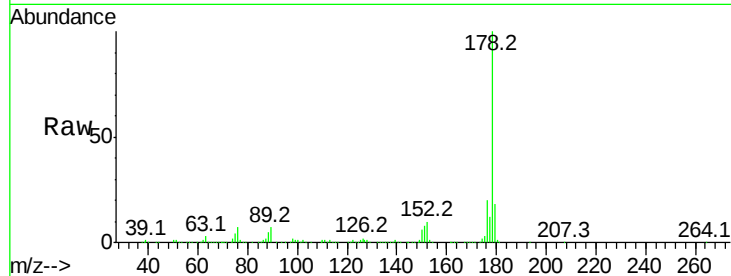
#71
 Anthracene
 Concen: 46.043 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	17.7	12.5	18.7

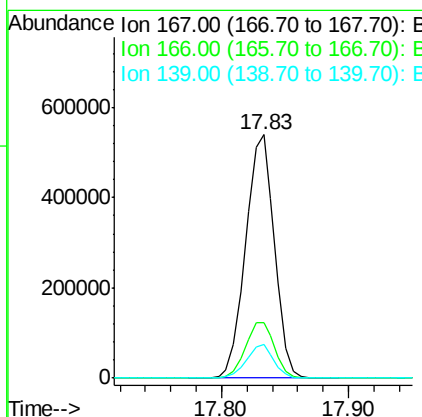
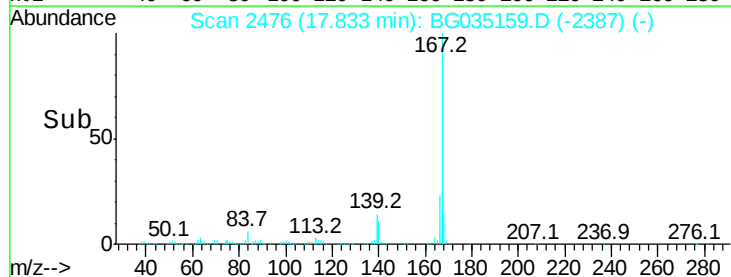
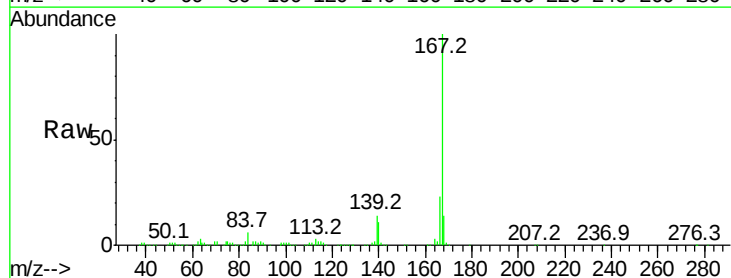
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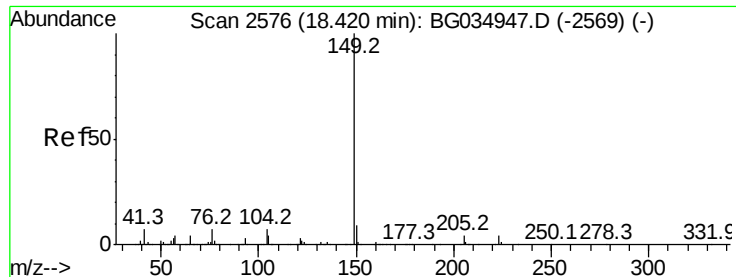
Sohil
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#72
 Carbazole
 Concen: 45.477 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.7	9.4	14.2





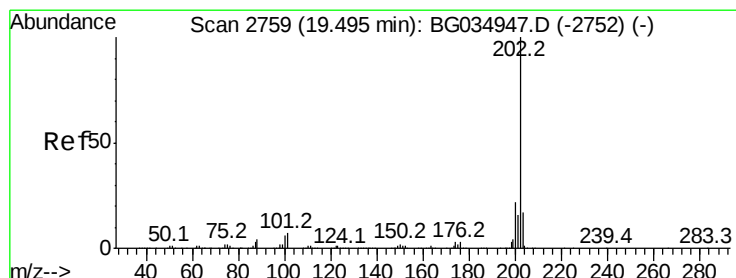
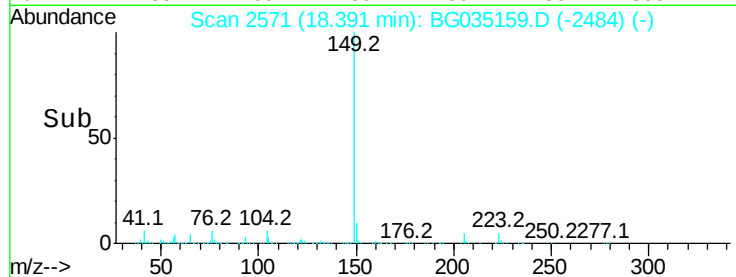
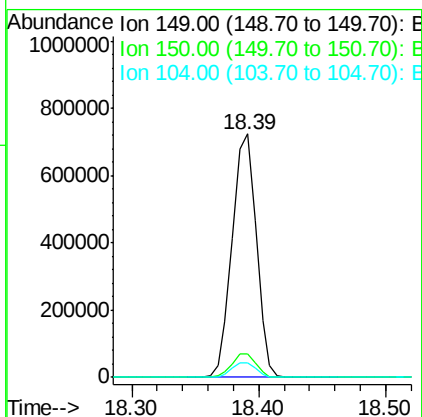
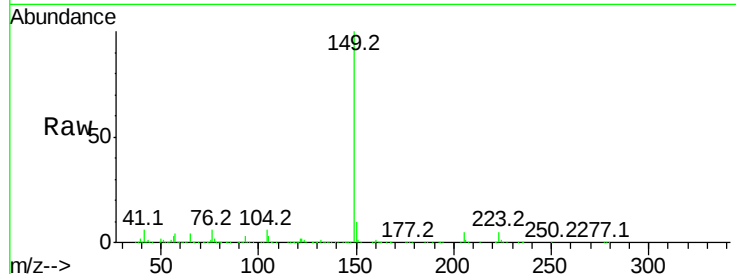
#73
Di-n-butylphthalate
Concen: 42.844 ng
RT: 18.39 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.0	3.9	5.9

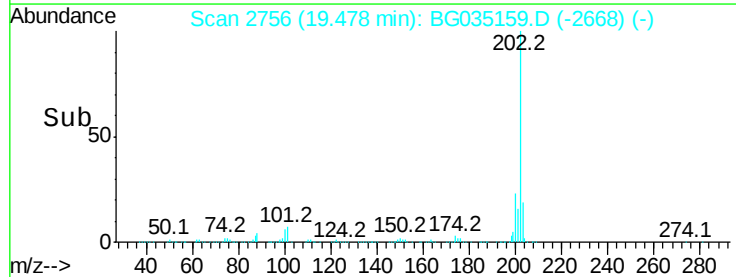
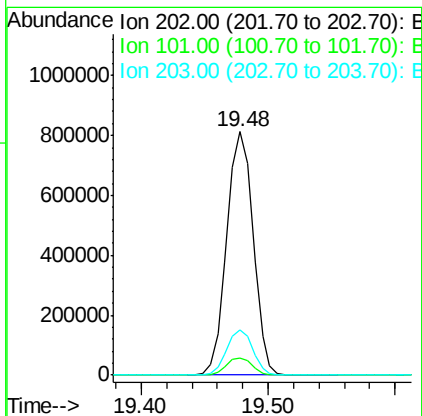
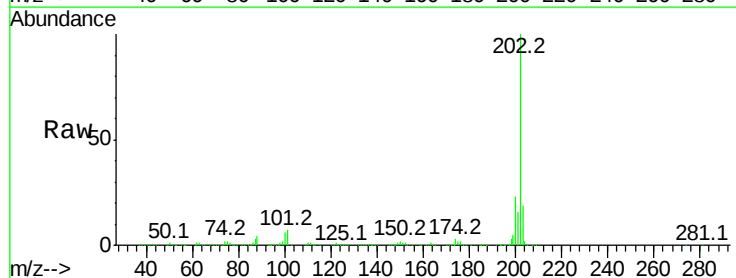
Manual Integrations
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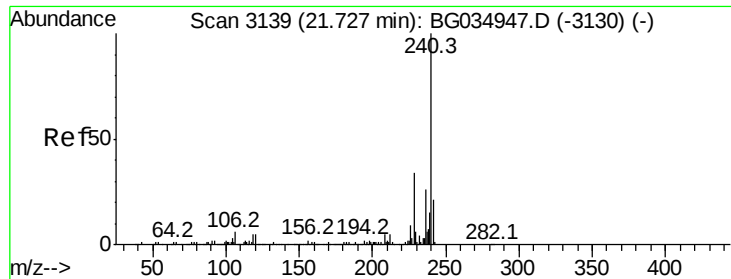
Sohil
6/15/2018 1:44:07 PM



#74
Fluoranthene
Concen: 44.796 ng
RT: 19.48 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.2	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

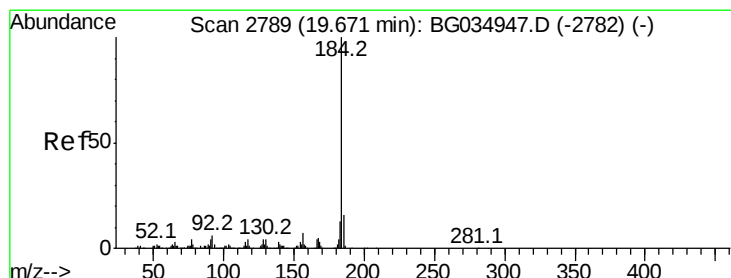
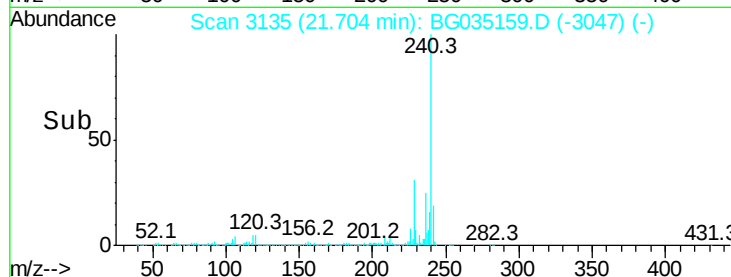
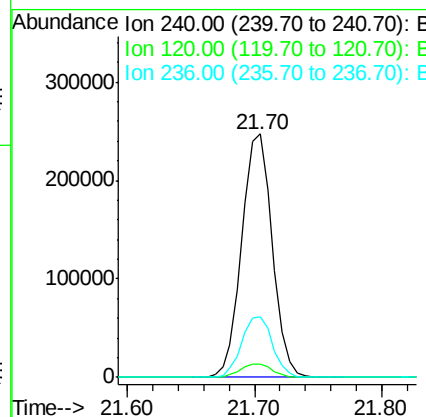
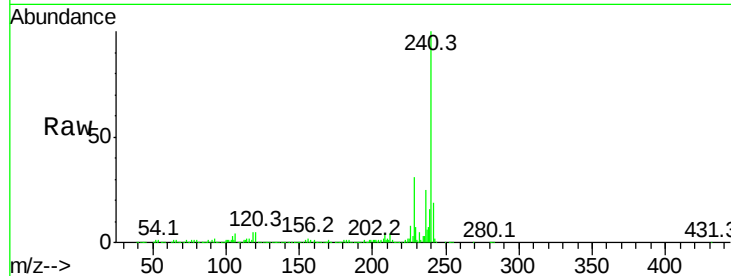
ClientSampleId :

OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.0	20.9	31.3

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#76

Benzidine

Concen: 21.079 ng

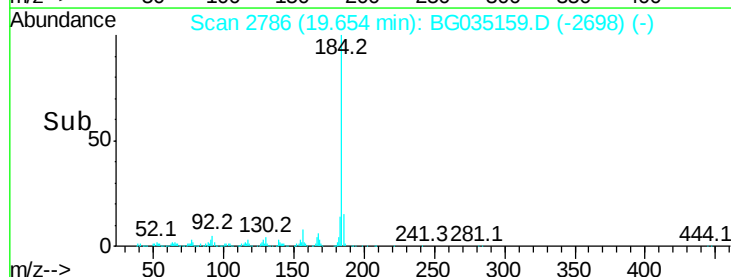
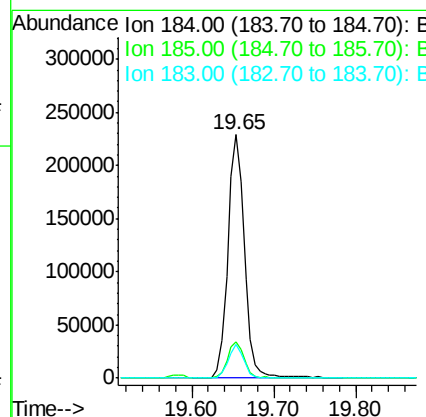
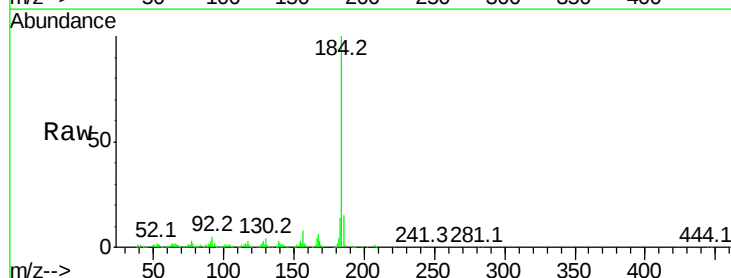
RT: 19.65 min Scan# 2786

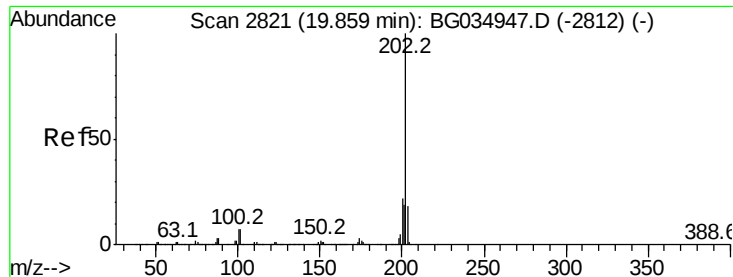
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	14.0	10.6	16.0





#77

Pvrene

Concen: 42.729 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

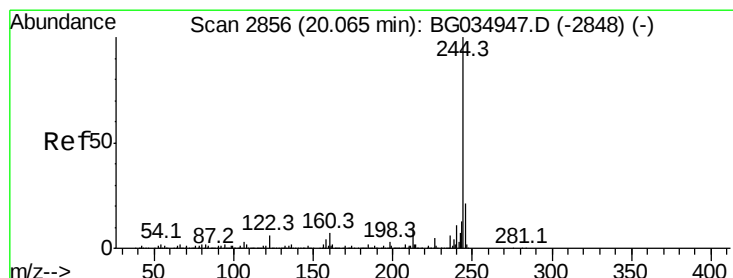
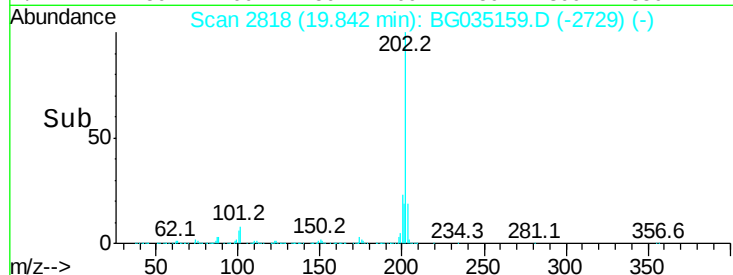
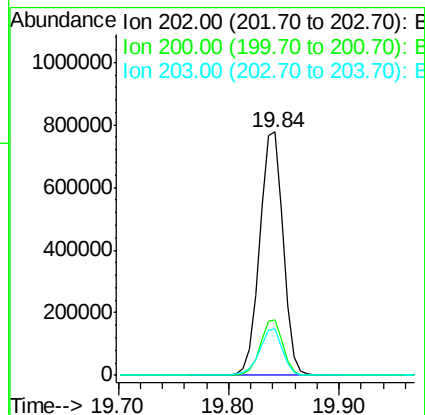
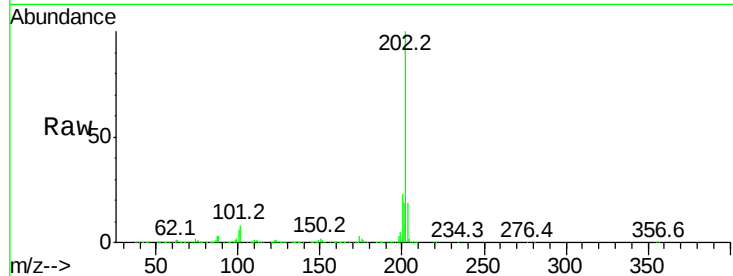
ClientSampleId :

OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 95.826 ng

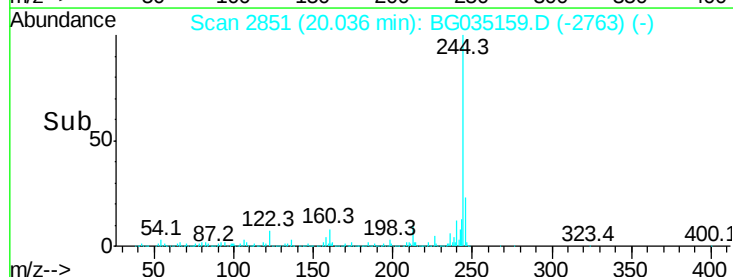
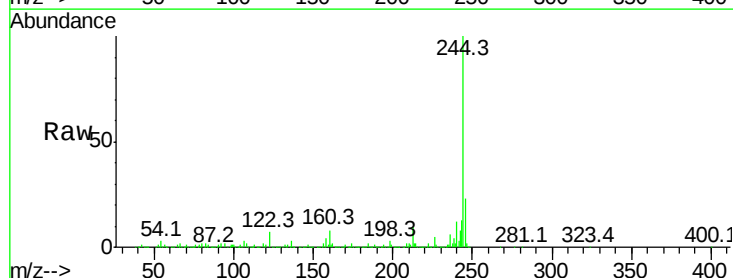
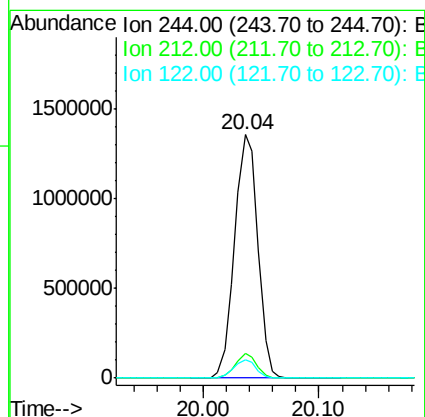
RT: 20.04 min Scan# 2851

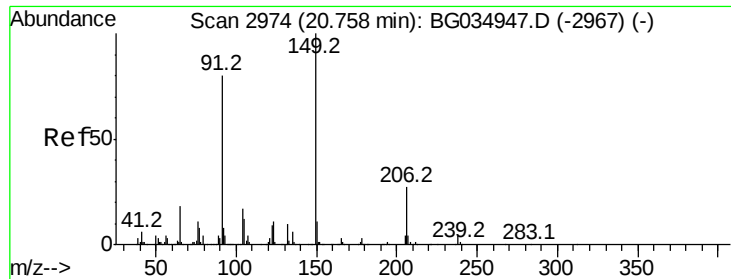
Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	7.4	7.0	10.4





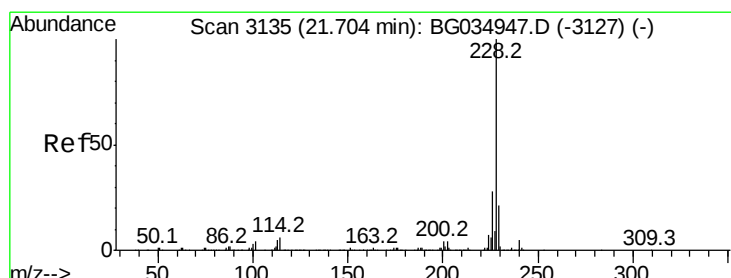
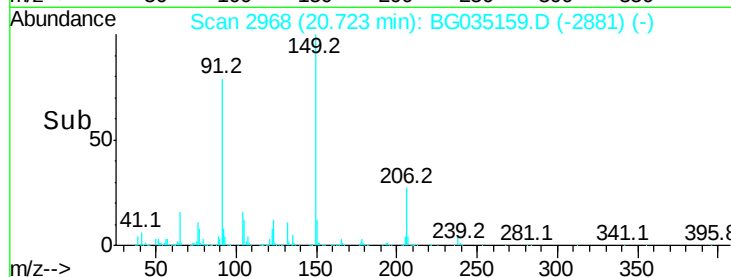
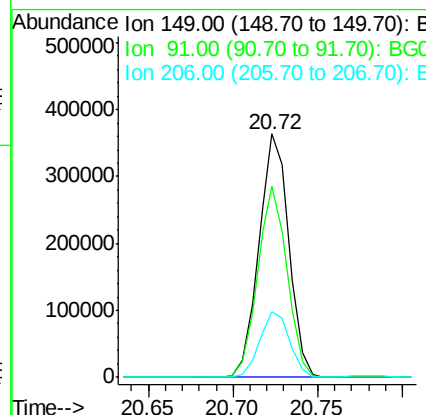
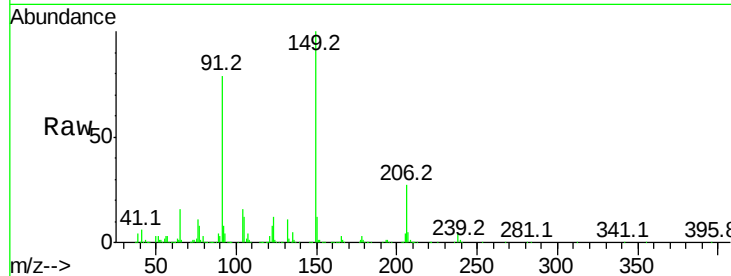
#79
Butylbenzylphthalate
Concen: 45.129 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	62.2	93.2
206	26.8	18.6	27.8

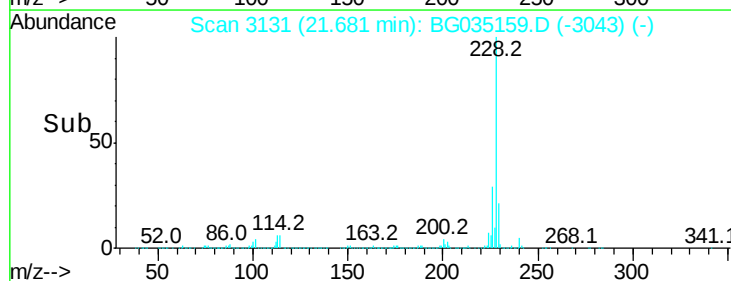
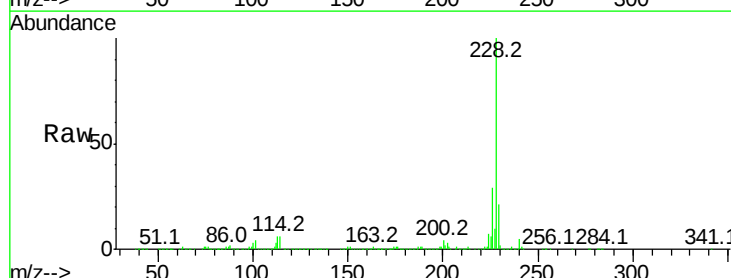
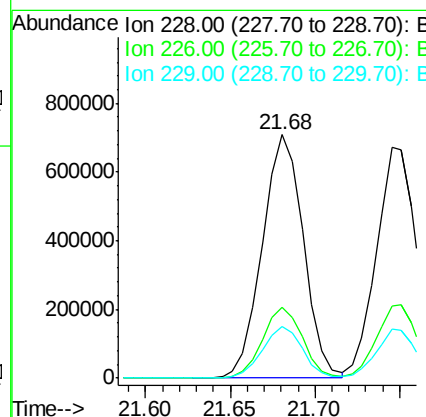
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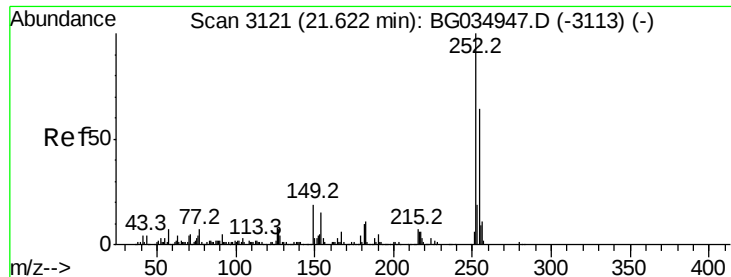
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#80
Benzo(a)anthracene
Concen: 45.512 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.2	16.2	24.2





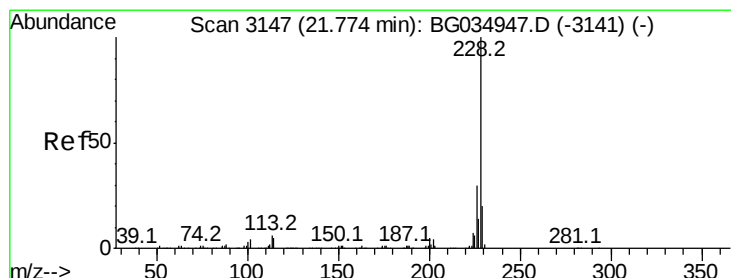
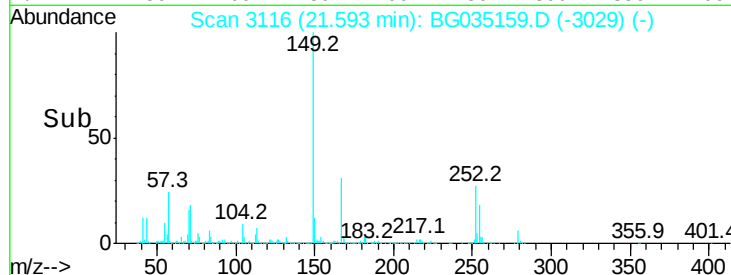
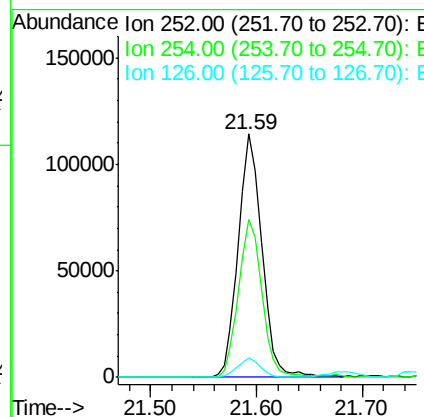
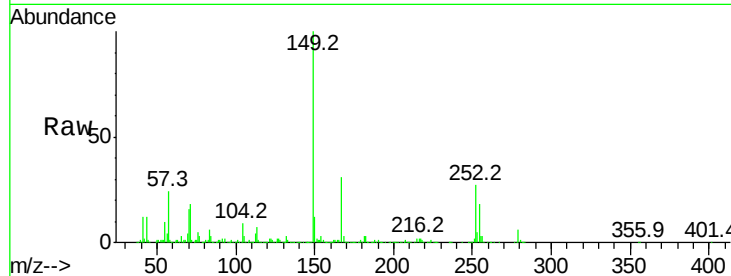
#81
 3,3'-Dichlorobenzidine
 Concen: 17.944 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	7.9	7.4	11.2

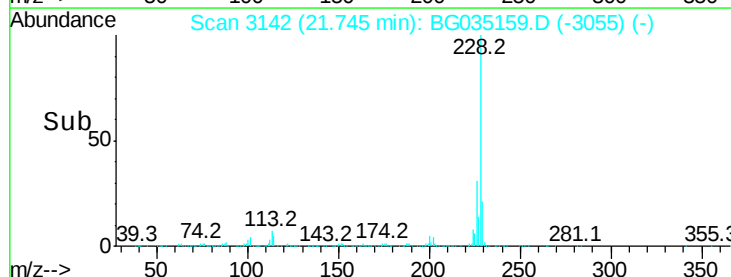
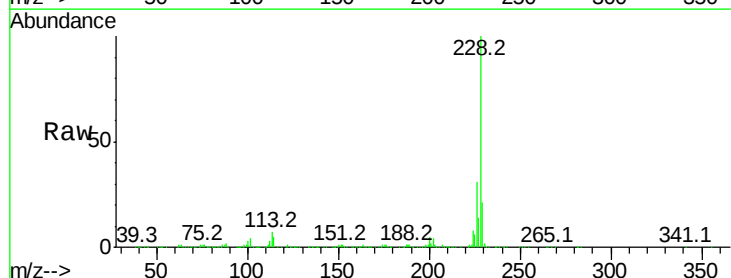
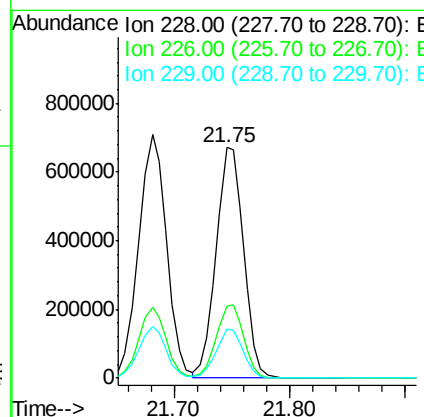
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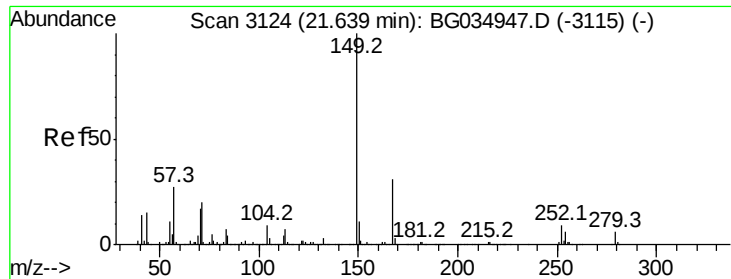
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#82
 Chrysene
 Concen: 45.840 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.3	15.0	22.4





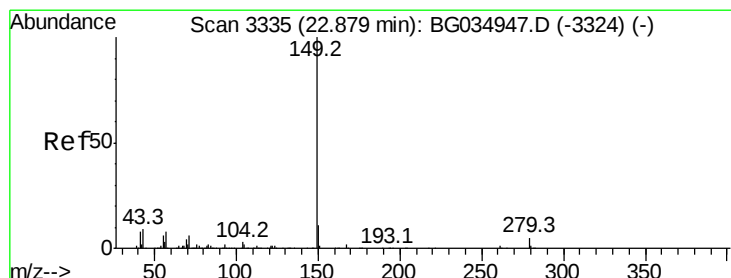
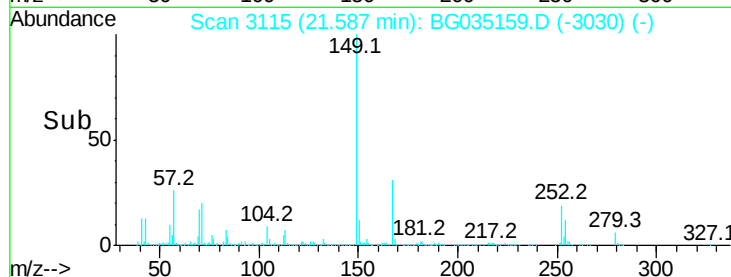
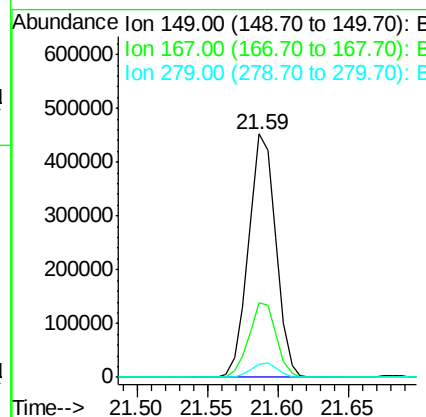
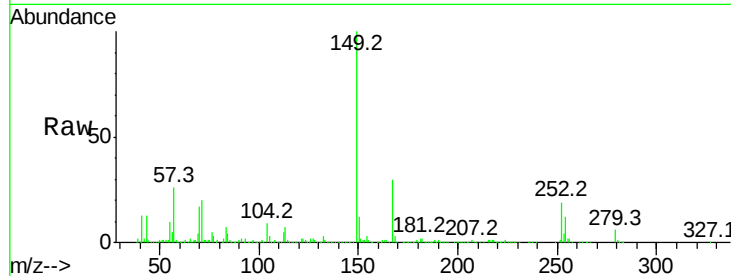
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.130 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	30.5	24.3	36.5
279	5.7	4.0	6.0

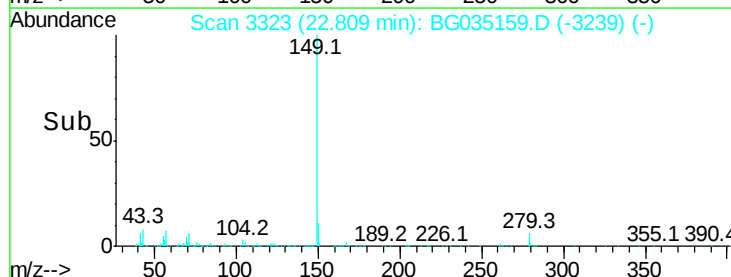
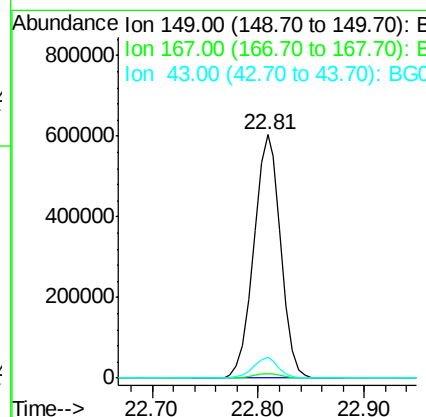
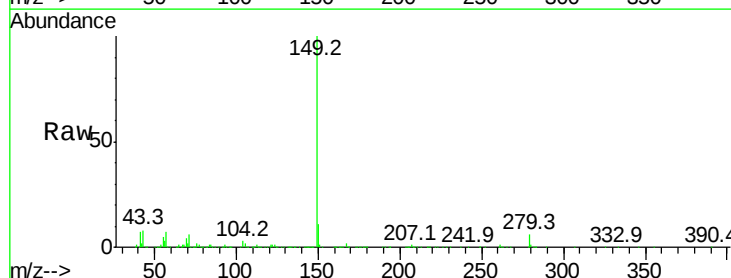
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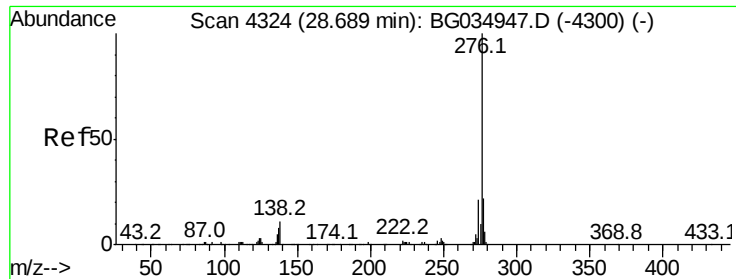
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#84
 Di-n-octyl phthalate
 Concen: 44.490 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.04 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#





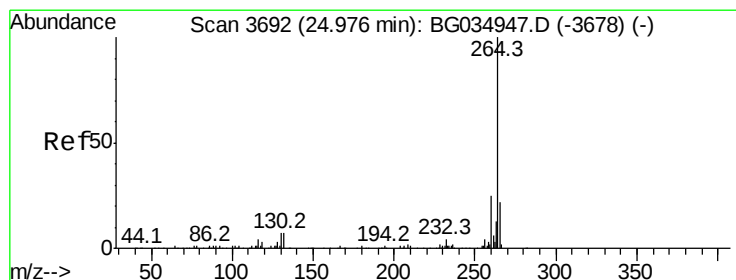
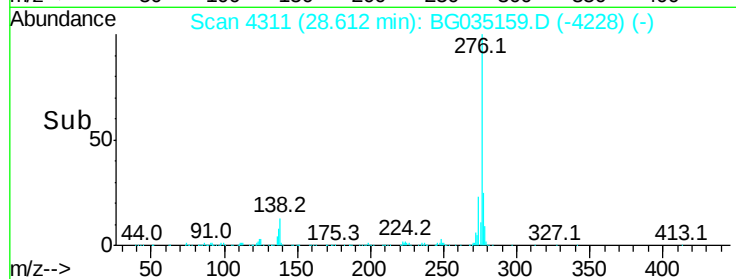
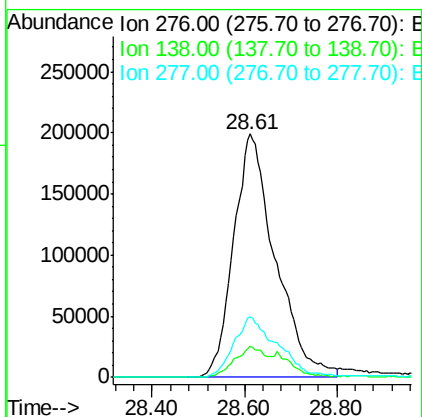
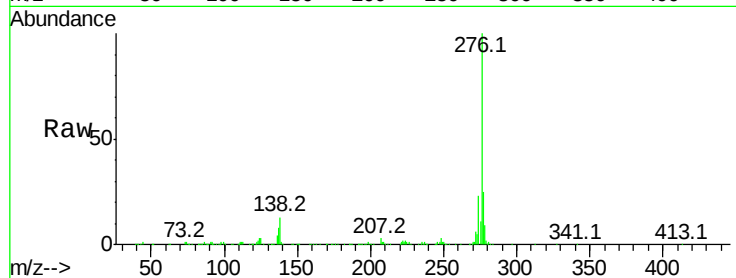
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.211 ng
 RT: 28.61 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.7	16.0	24.0#
277	26.0	20.0	30.0

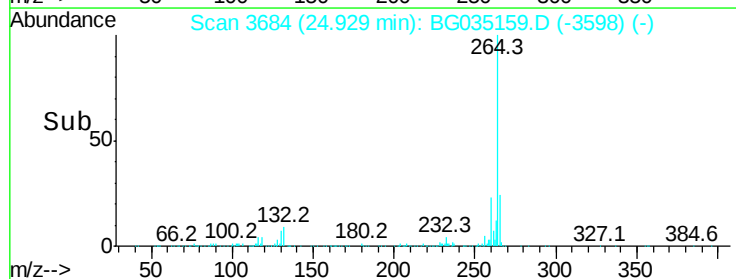
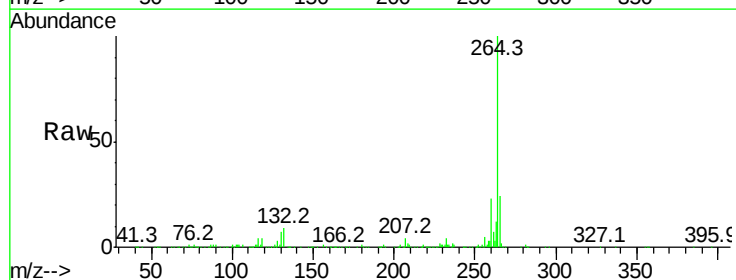
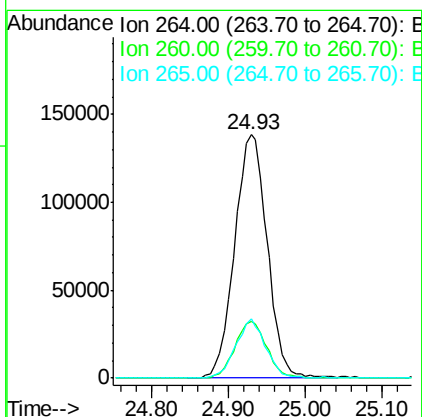
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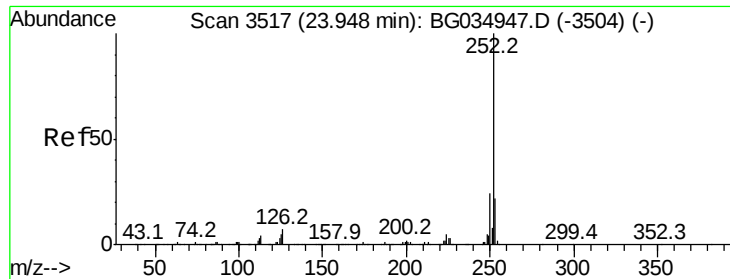
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	24.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.226 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

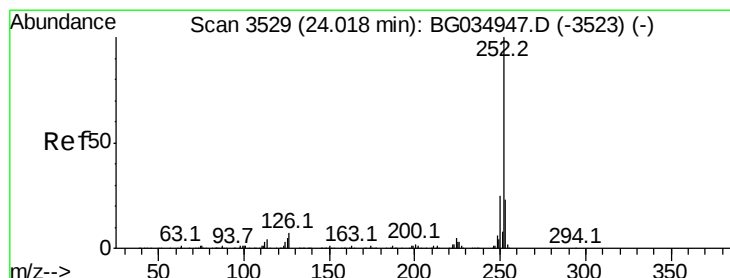
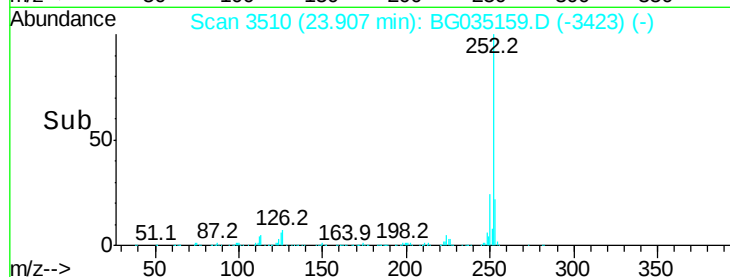
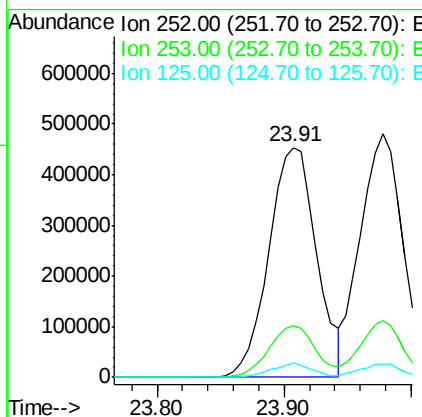
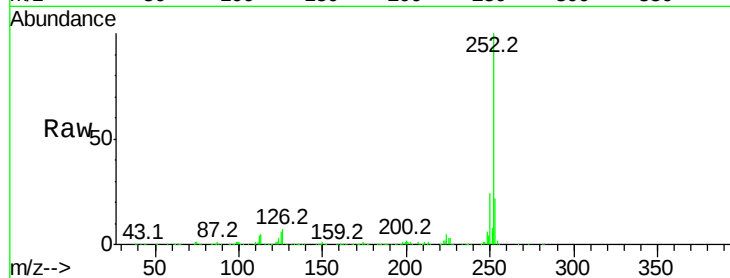
ClientSampleId :

OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	6.1	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 45.427 ng

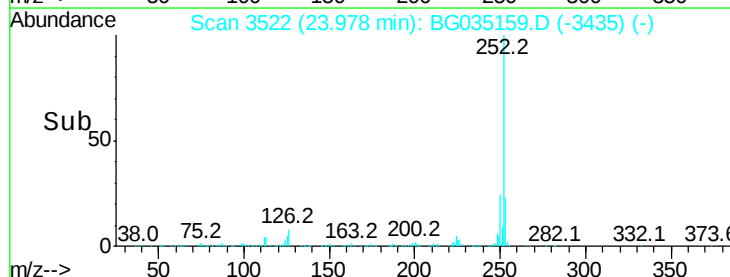
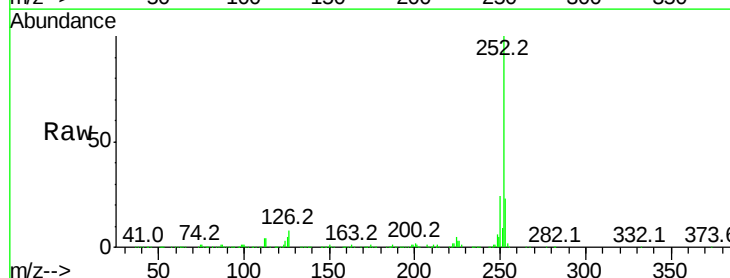
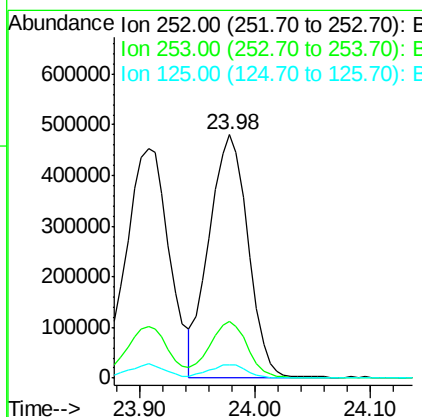
RT: 23.98 min Scan# 3522

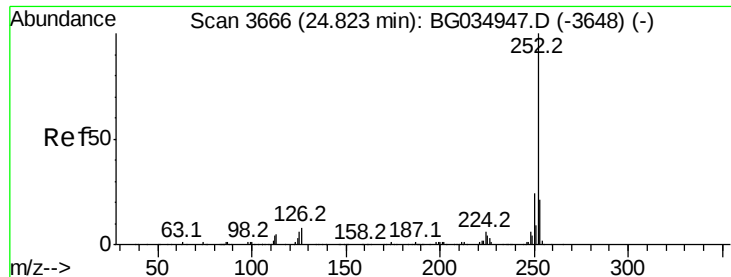
Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	5.4	6.6	9.8





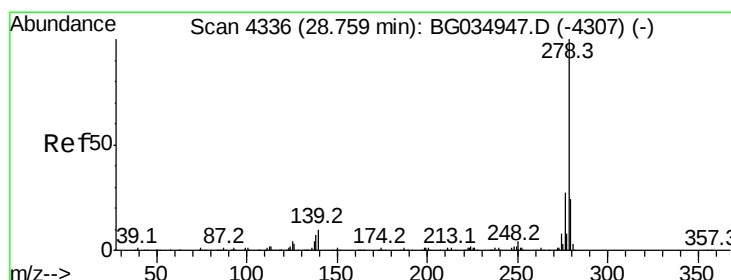
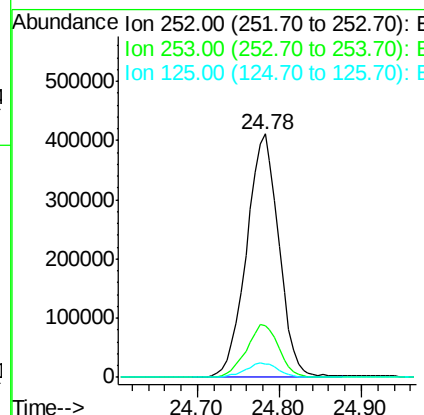
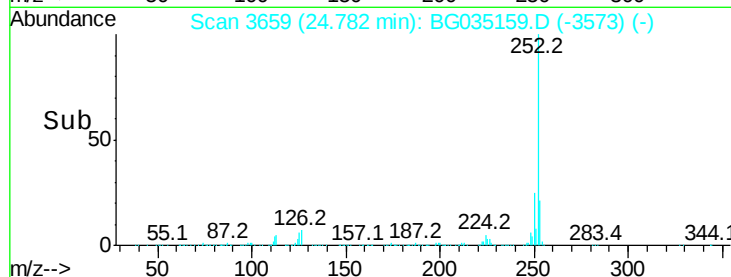
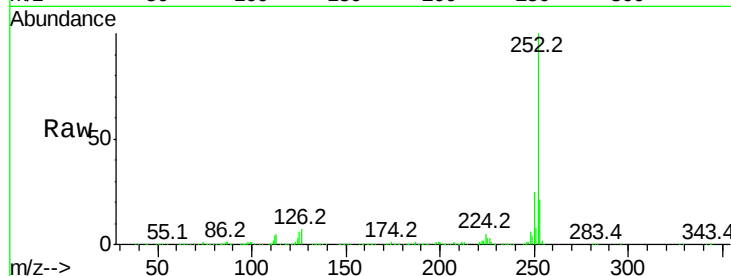
#89
Benzo(a)pyrene
Concen: 47.658 ng
RT: 24.78 min Scan# 3659
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.3	27.5
125	5.6	7.3	10.9

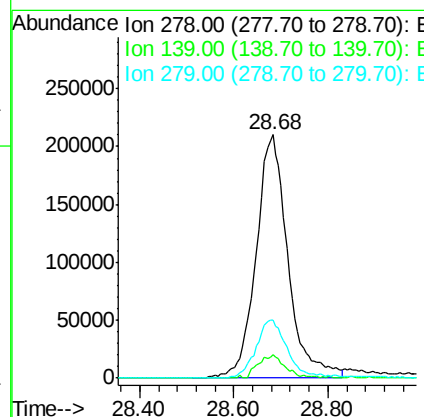
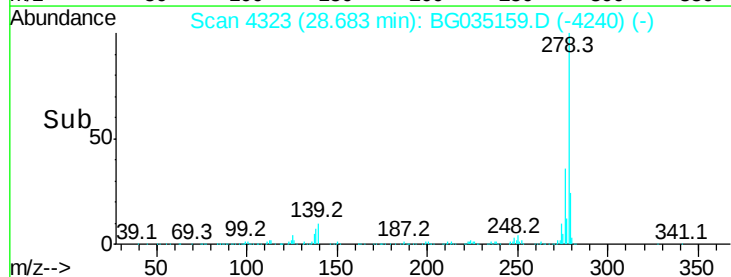
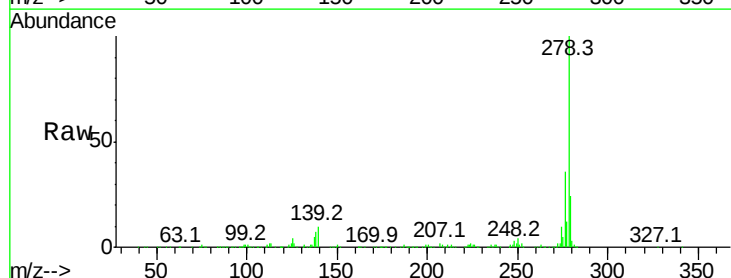
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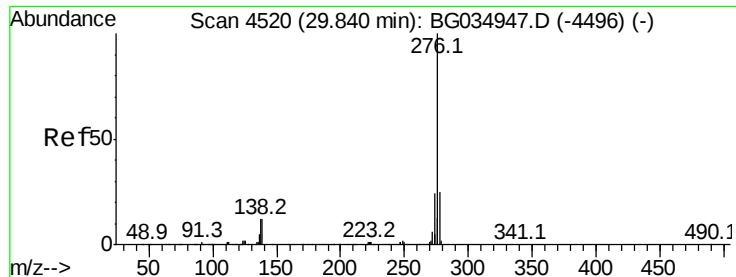
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.393 ng
RT: 28.68 min Scan# 4323
Delta R.T. -0.04 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6
279	23.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.220 ng
 RT: 29.77 min Scan# 4508
 Delta R.T. -0.04 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	12.7	13.9	20.9

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