

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035512.D
 Acq On : 29 Jun 2018 13:38
 Operator : JU/SJ
 Sample : J3593-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

Quant Time: Jun 29 18:09:22 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	29911	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	123841	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	98185	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	259642	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	251423	20.00	ng	-0.02
86) Perylene-d12	24.92	264	247748	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	112351	63.39	ng	0.00
7) Phenol-d6	7.23	99	396582	151.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	289043	110.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	74067	58.93	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	638677	84.56	ng	-0.02
78) Terphenyl-d14	20.03	244	1067925	88.97	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	30343	35.882	ng	# 67
3) Pyridine	3.95	79	86012	37.697	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	39842	40.646	ng	# 82
6) Aniline	7.39	93	114311	33.806	ng	95
8) 2-Chlorophenol	7.63	128	70164	37.767	ng	97
9) Benzaldehyde	7.20	77	50385	25.005	ng	98
10) Phenol	7.25	94	150504	55.594	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	100202	47.687	ng	87
12) 1,3-Dichlorobenzene	7.95	146	106125	47.876	ng	96
13) 1,4-Dichlorobenzene	8.10	146	107857	47.135	ng	96
14) 1,2-Dichlorobenzene	8.42	146	105857	49.250	ng	92
15) Benzyl Alcohol	8.30	79	122548	49.440	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	105874	50.625	ng	76
17) 2-Methylphenol	8.50	107	104393	58.489	ng	# 94
18) Hexachloroethane	9.15	117	39183	47.830	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	97098	43.690	ng	# 85
20) 3+4-Methylphenols	8.83	107	146396	57.223	ng	95
22) Acetophenone	8.89	105	176879	46.108	ng	# 90
24) Nitrobenzene	9.27	77	144455	54.147	ng	93
25) Isophorone	9.79	82	281993	51.266	ng	99
26) 2-Nitrophenol	9.98	139	27748	30.174	ng	# 91
27) 2,4-Dimethylphenol	10.04	122	115519	59.764	ng	92
28) bis(2-Chloroethoxy)methane	10.27	93	150814	51.021	ng	96
29) 2,4-Dichlorophenol	10.51	162	80578	38.312	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	133975	53.124	ng	98
31) Naphthalene	10.92	128	330752	51.412	ng	97
32) Benzoic acid	10.04	122	115519	89.226	ng	# 10
33) 4-Chloroaniline	11.02	127	98942	35.419	ng	96
34) Hexachlorobutadiene	11.20	225	99711	50.838	ng	96
35) Caprolactam	11.79	113	44165	56.820	ng	# 64
36) 4-Chloro-3-methylphenol	12.15	107	159687	60.909	ng	96
37) 2-Methylnaphthalene	12.52	142	268111	54.968	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	193048	52.786	ng	99
40) Hexachlorocyclopentadiene	12.86	237	216163	94.255	ng	90

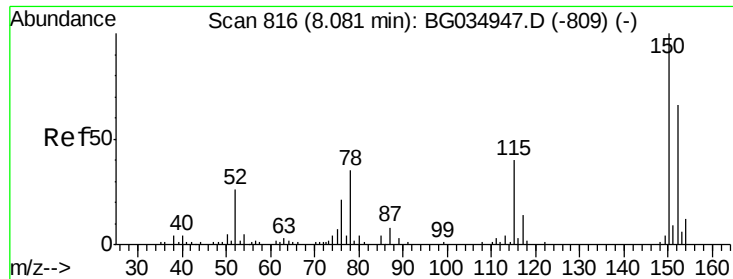
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035512.D
 Acq On : 29 Jun 2018 13:38
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	19515	8.912	ng	90
43) 2,4,5-Trichlorophenol	13.20	196	52825	21.978	ng	95
45) 1,1'-Biphenyl	13.52	154	373489	47.307	ng	98
46) 2-Chloronaphthalene	13.56	162	297478	49.836	ng	99
47) 2-Nitroaniline	13.77	65	103123	58.505	ng	92
48) Acenaphthylene	14.41	152	503182	50.273	ng	98
49) Dimethylphthalate	14.14	163	503659	58.825	ng	# 98
50) 2,6-Dinitrotoluene	14.26	165	96008	61.465	ng	93
51) Acenaphthene	14.75	154	297723	45.526	ng	97
52) 3-Nitroaniline	14.58	138	74310	48.482	ng	# 92
54) Dibenzofuran	15.08	168	498910	50.939	ng	95
55) 4-Nitrophenol	14.90	139	6038	4.668	ng	90
56) 2,4-Dinitrotoluene	15.04	165	143316	69.070	ng	# 82
57) Fluorene	15.73	166	413020	50.458	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	14264	6.109	ng	# 70
59) Diethylphthalate	15.50	149	419430	48.015	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	239153	51.237	ng	97
61) 4-Nitroaniline	15.75	138	98818	60.117	ng	# 83
62) Azobenzene	16.01	77	414118	48.377	ng	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	4582	3.865	ng	# 78
65) n-Nitrosodiphenylamine	15.94	169	365786	46.912	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	166135	53.134	ng	95
67) Hexachlorobenzene	16.73	284	168792	53.038	ng	94
68) Atrazine	16.88	200	168795	50.763	ng	96
69) Pentachlorophenol	17.08	266	14351	6.706	ng	91
70) Phenanthrene	17.47	178	655981	49.736	ng	98
71) Anthracene	17.56	178	661629	50.080	ng	99
72) Carbazole	17.83	167	609233	49.700	ng	98
73) Di-n-butylphthalate	18.38	149	669729	45.839	ng	# 99
74) Fluoranthene	19.47	202	830391	48.383	ng	97
76) Benzidine	19.65	184	355190	37.973	ng	98
77) Pyrene	19.84	202	814617	49.148	ng	98
79) Butylbenzylphthalate	20.72	149	295649	49.122	ng	95
80) Benzo(a)anthracene	21.68	228	802849	49.970	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	231211	38.250	ng	99
82) Chrysene	21.74	228	755369	51.350	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	408055	47.982	ng	98
84) Di-n-octyl phthalate	22.79	149	675687	46.311	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.60	276	893447	51.859	ng	# 93
87) Benzo(b)fluoranthene	23.90	252	765419	50.169	ng	# 97
88) Benzo(k)fluoranthene	23.97	252	737308	49.402	ng	# 97
89) Benzo(a)pyrene	24.77	252	749564	52.211	ng	# 94
90) Dibenzo(a,h)anthracene	28.67	278	731211	51.595	ng	# 96
91) Benzo(g,h,i)perylene	29.76	276	761084	54.875	ng	# 93

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

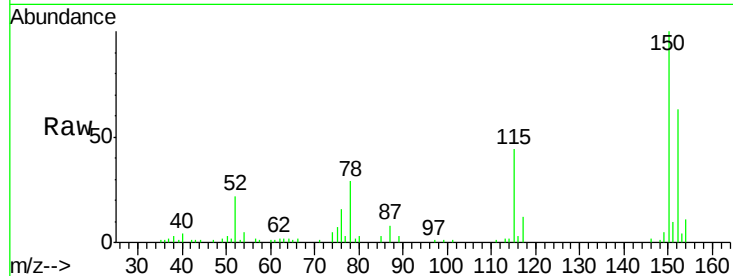


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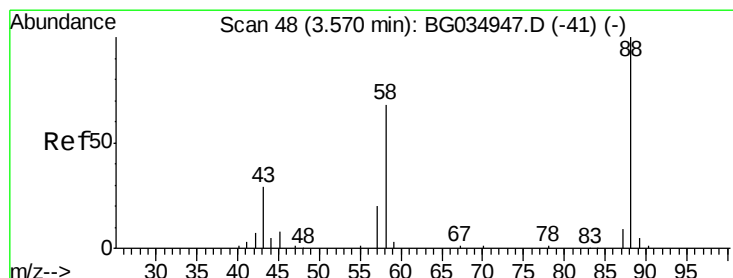
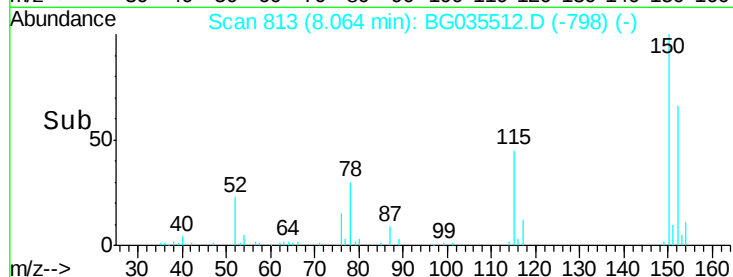
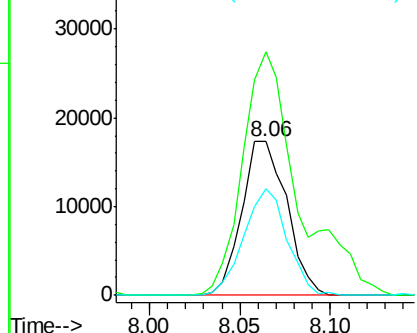
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Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:152 Resp: 29911
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 69.0 53.0 79.4



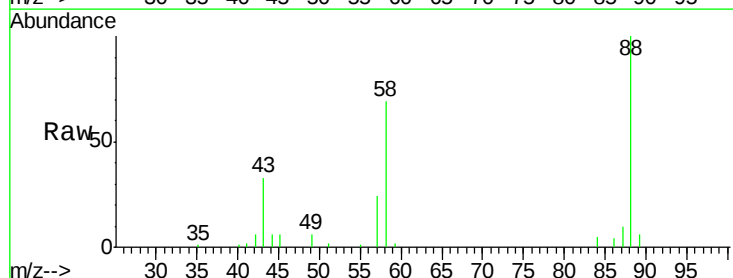
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



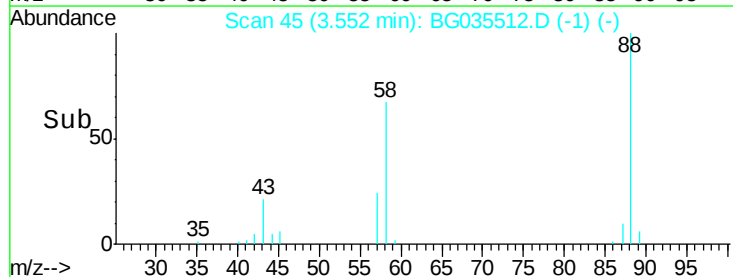
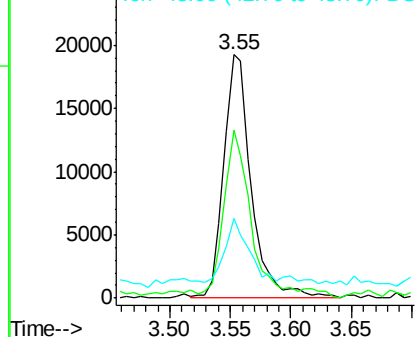
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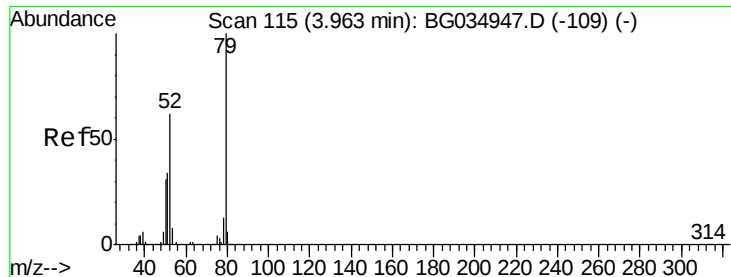
1,4-Dioxane
Concen: 35.882 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion: 88 Resp: 30343
Ion Ratio Lower Upper
88 100
58 62.1 79.6 119.4#
43 22.6 27.4 41.0#



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





#3

Pyridine

Concen: 37.697 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

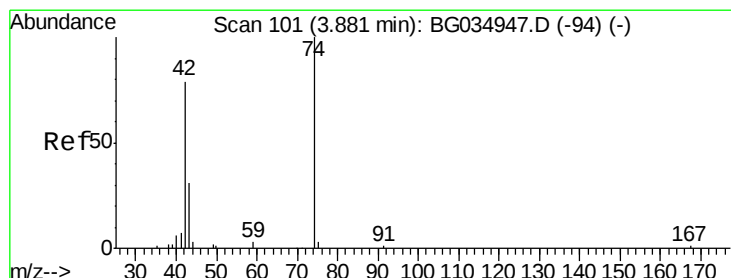
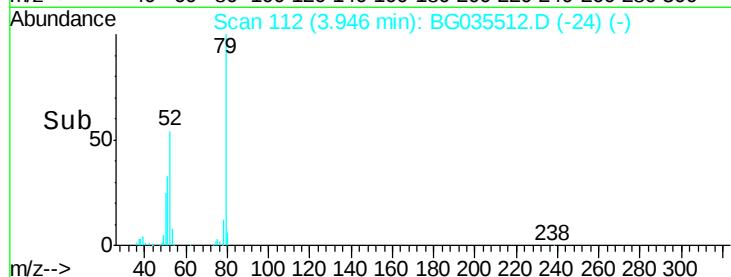
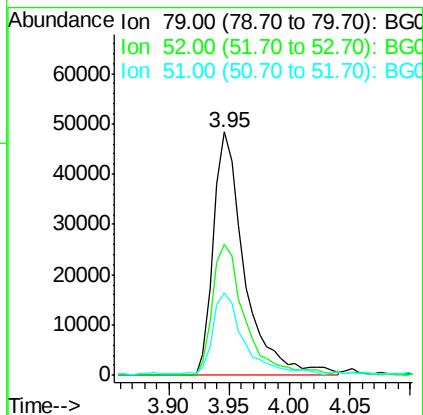
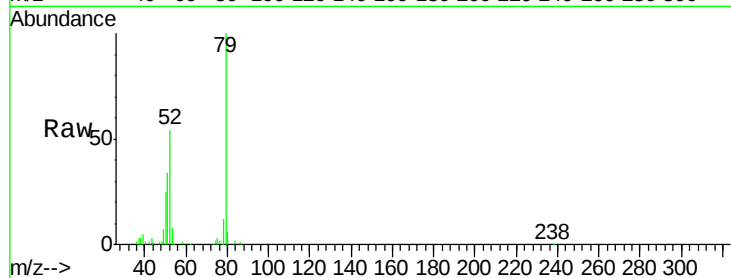
Tgt Ion: 79 Resp: 86012

Ion Ratio Lower Upper

79 100

52 53.8 69.9 104.9#

51 33.7 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 40.646 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

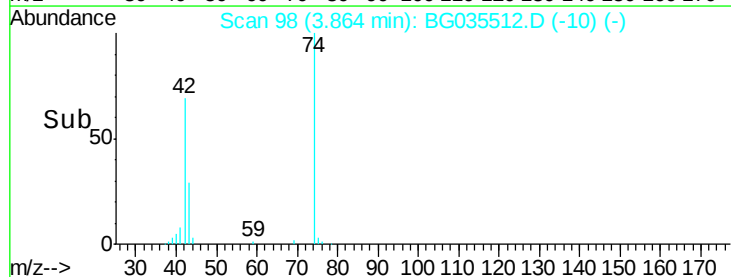
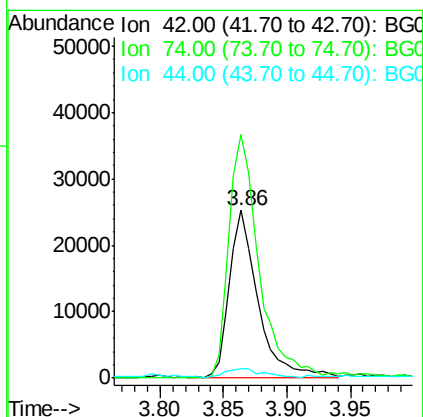
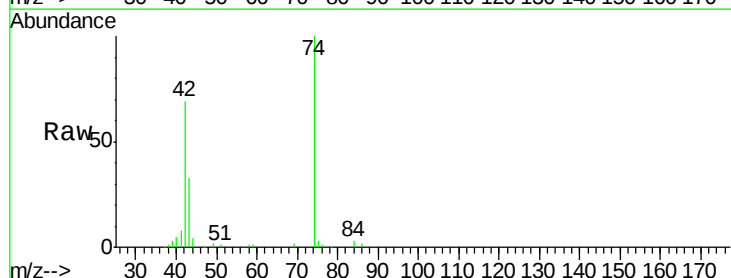
Tgt Ion: 42 Resp: 39842

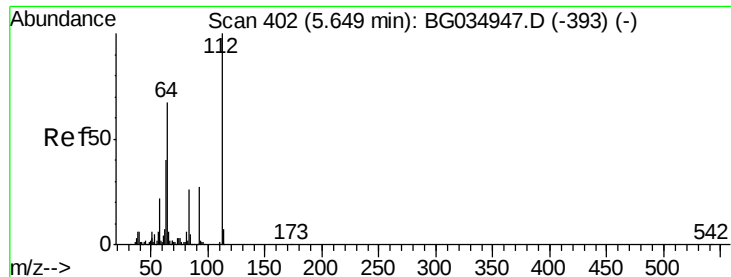
Ion Ratio Lower Upper

42 100

74 145.2 102.5 153.7

44 5.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 63.390 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

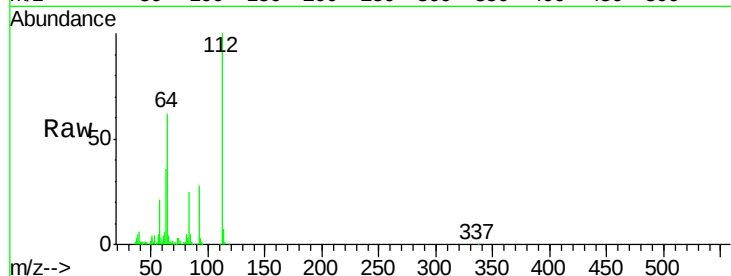
Tgt Ion: 112 Resp: 112351

Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

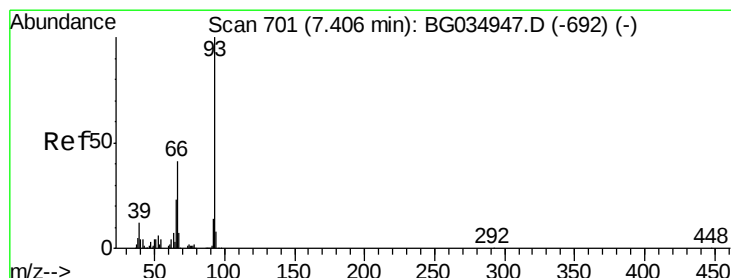
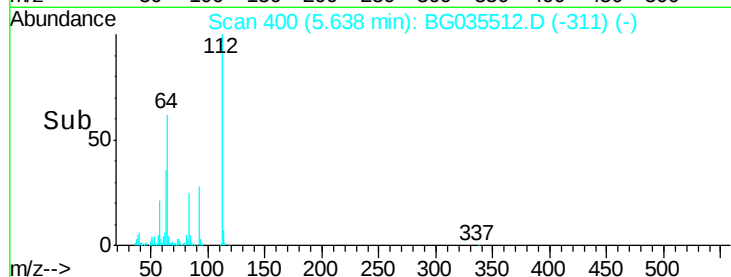
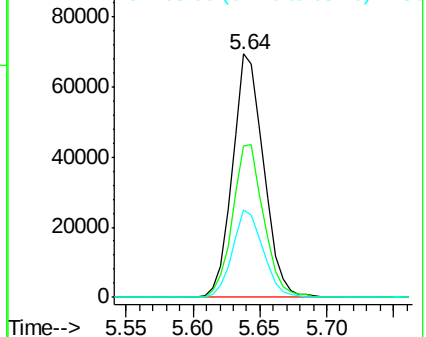
63 35.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.806 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

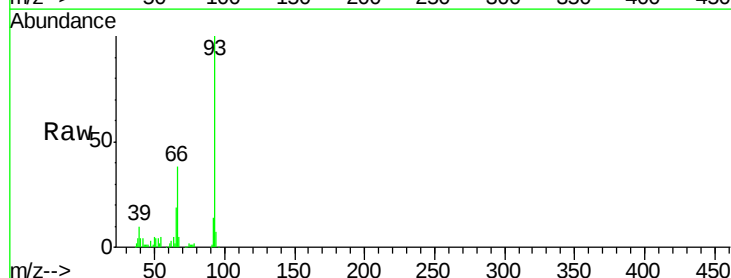
Tgt Ion: 93 Resp: 114311

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

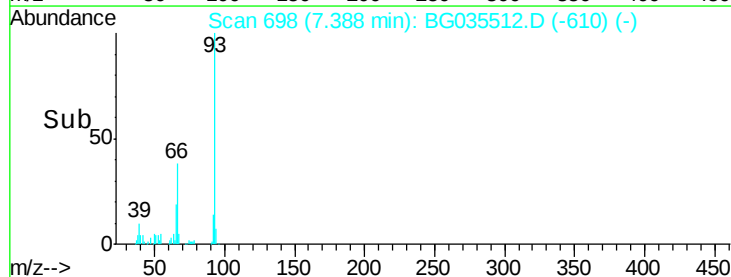
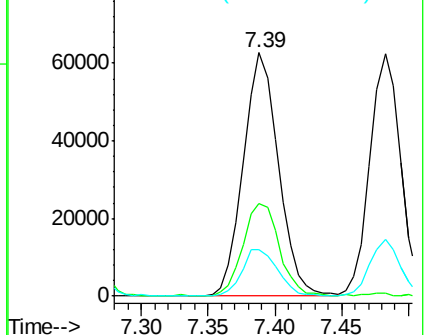
65 19.2 16.1 24.1

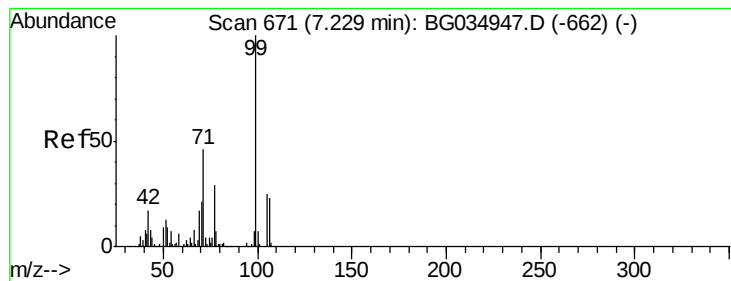


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.602 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

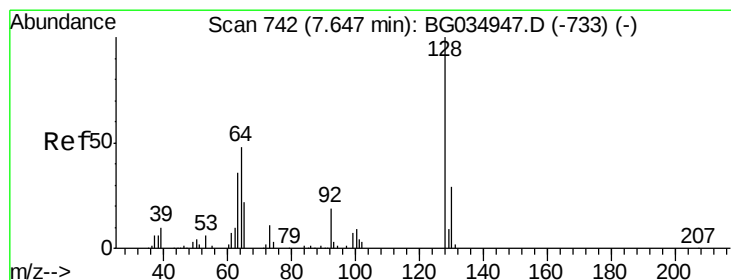
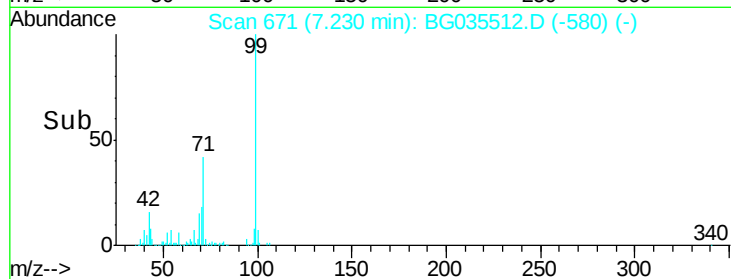
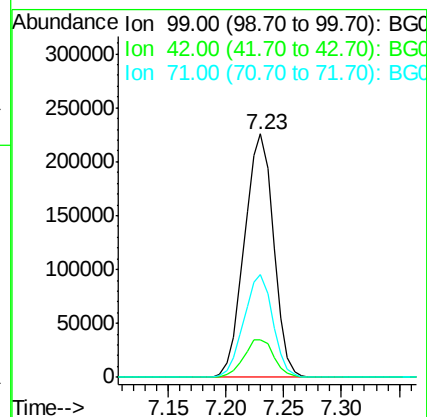
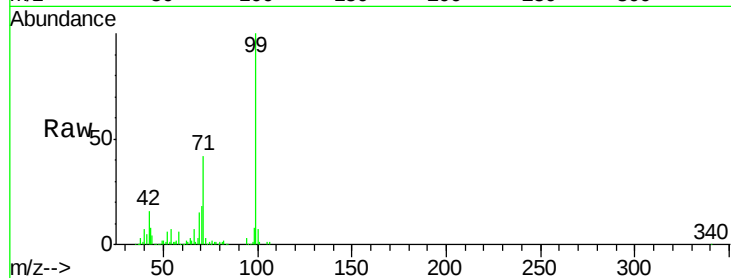
Tgt Ion: 99 Resp: 396582

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 42.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 37.767 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

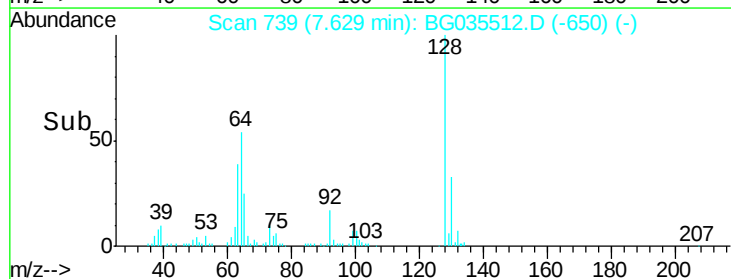
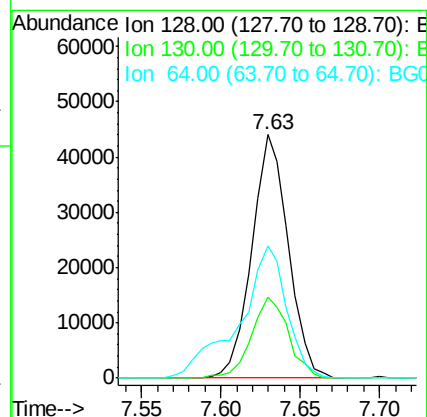
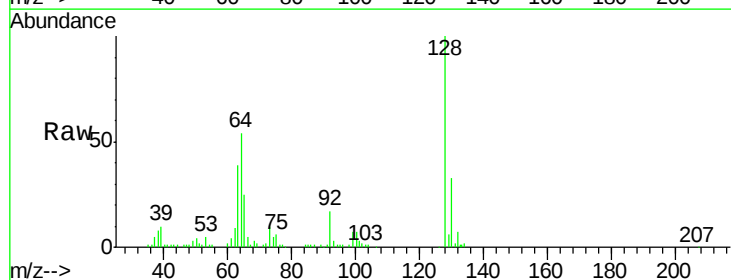
Tgt Ion: 128 Resp: 70164

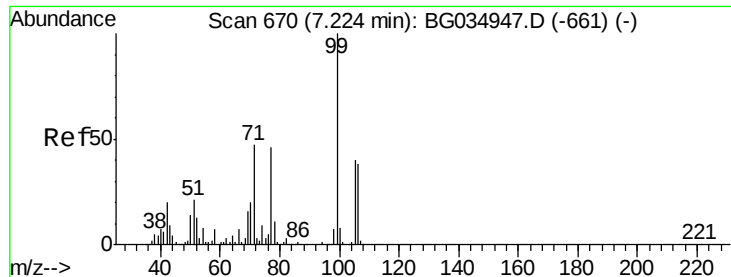
Ion Ratio Lower Upper

128 100

130 33.4 14.0 54.0

64 54.3 37.7 77.7

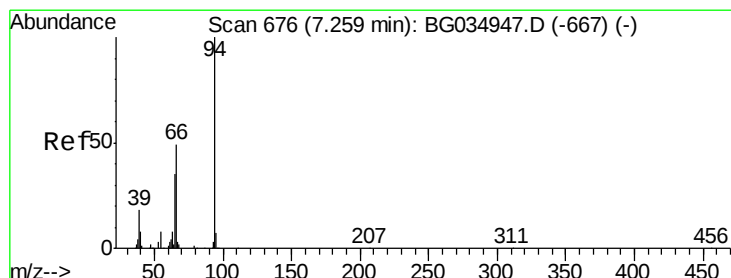
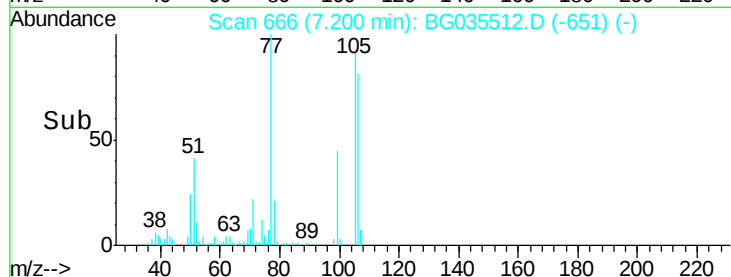
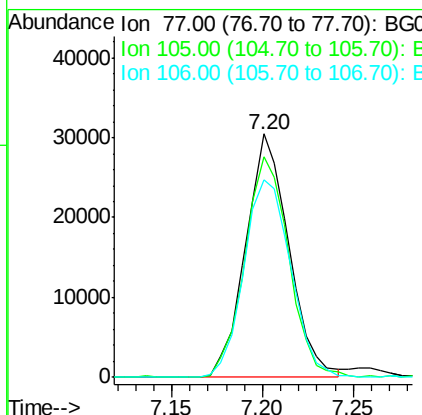
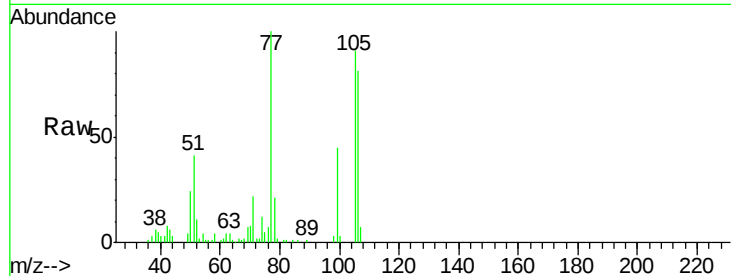




#9
Benzaldehyde
Concen: 25.005 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

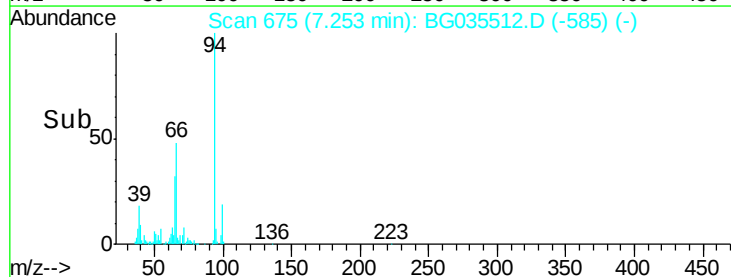
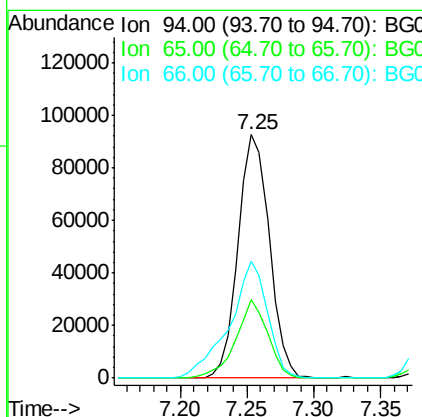
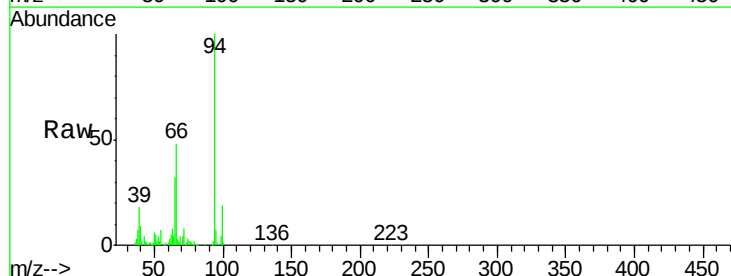
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

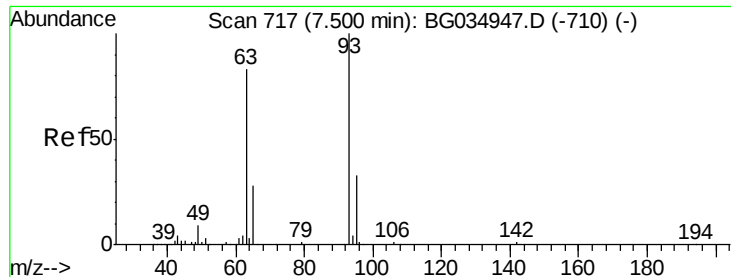
Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.7	71.3	111.3
106	81.2	64.2	104.2



#10
Phenol
Concen: 55.594 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	48.1	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 47.687 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

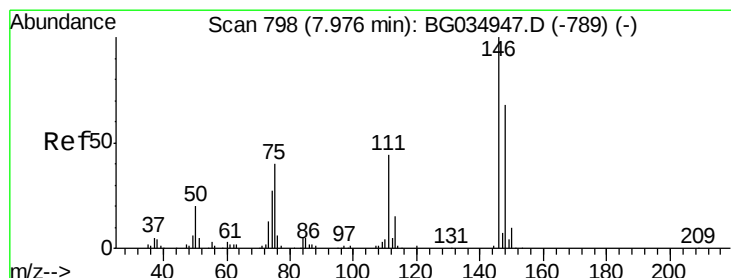
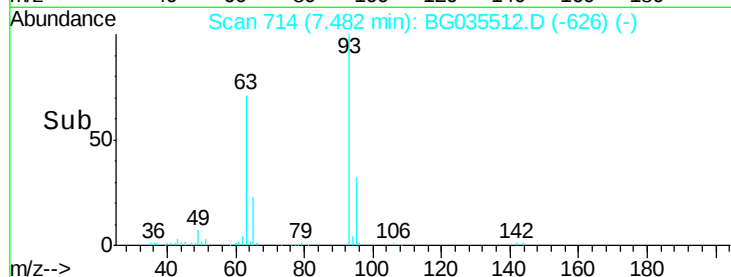
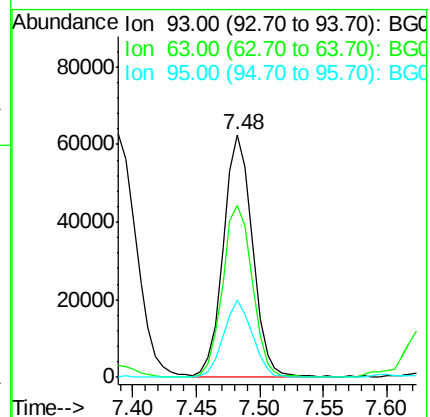
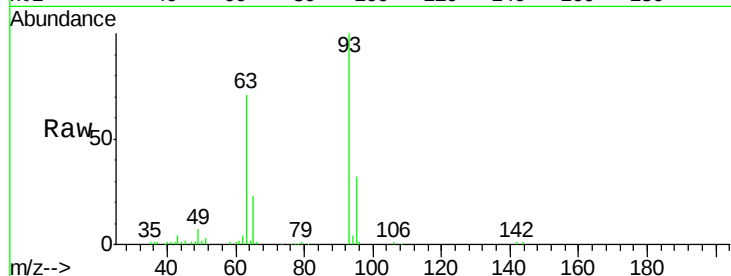
Tgt Ion: 93 Resp: 100202

Ion Ratio Lower Upper

93 100

63 71.2 67.1 107.1

95 32.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 47.876 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

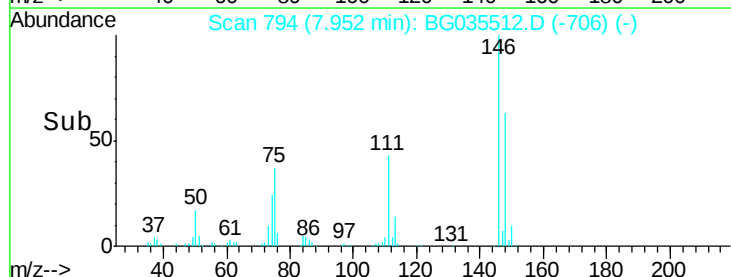
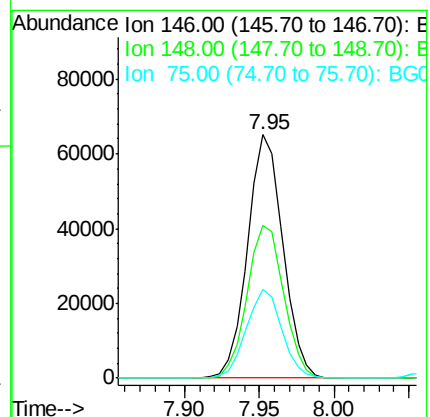
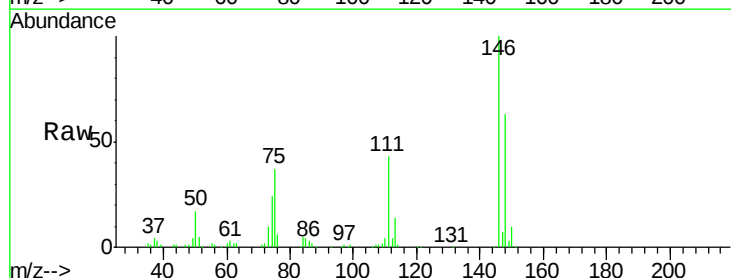
Tgt Ion: 146 Resp: 106125

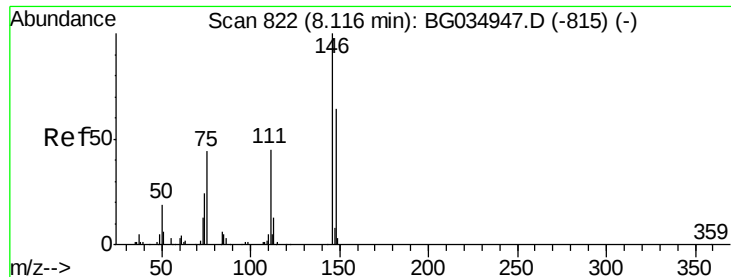
Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

75 36.6 26.6 39.8

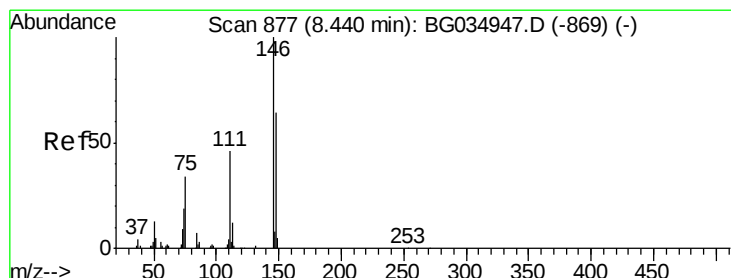
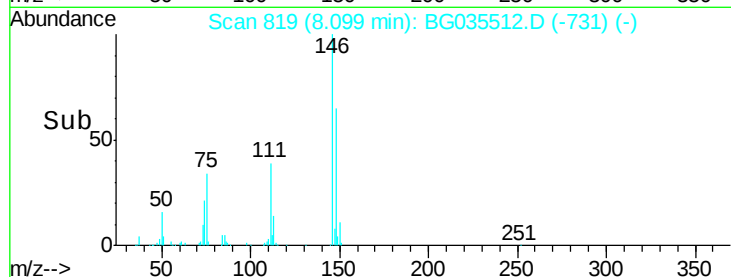
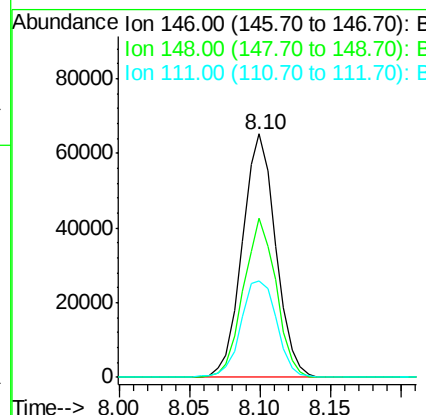
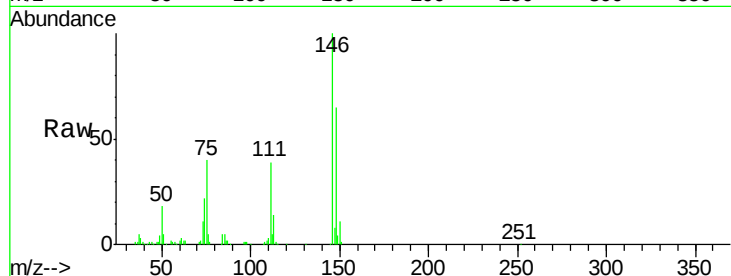




#13
 1,4-Dichlorobenzene
 Concen: 47.135 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

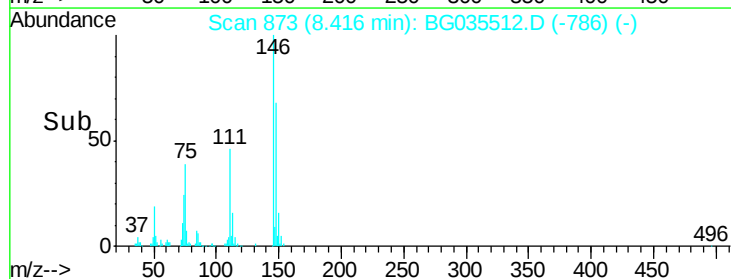
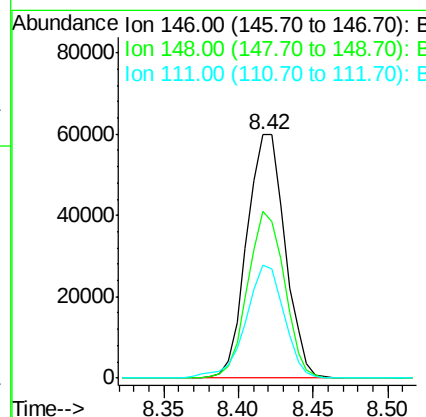
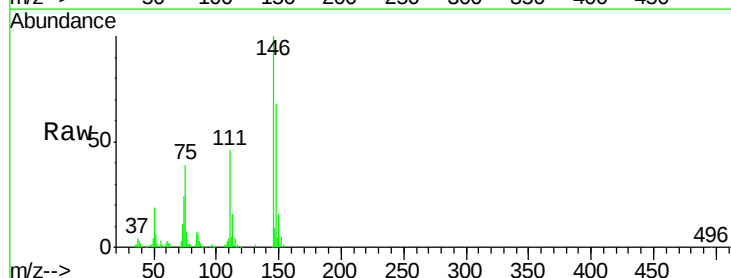
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

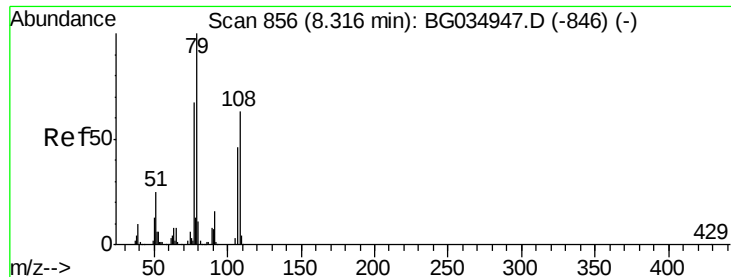
Tgt Ion:146 Resp: 107857
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.7 80.5
 111 39.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 49.250 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:146 Resp: 105857
 Ion Ratio Lower Upper
 146 100
 148 68.4 49.3 73.9
 111 46.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 49.440 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

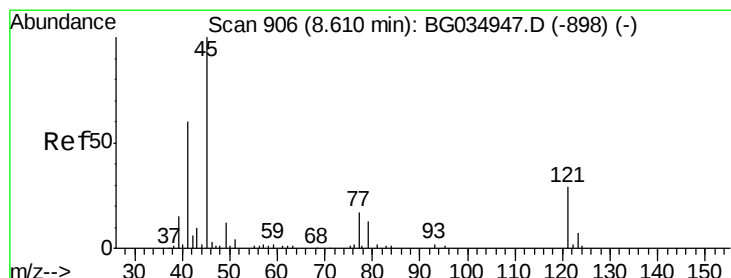
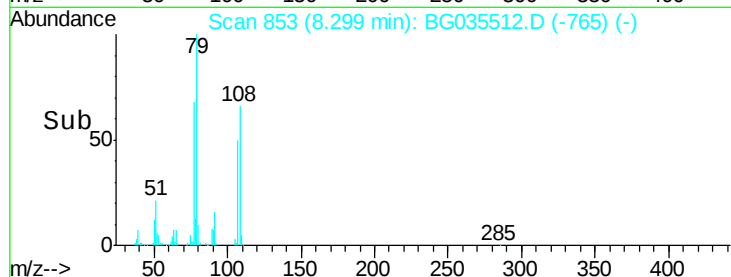
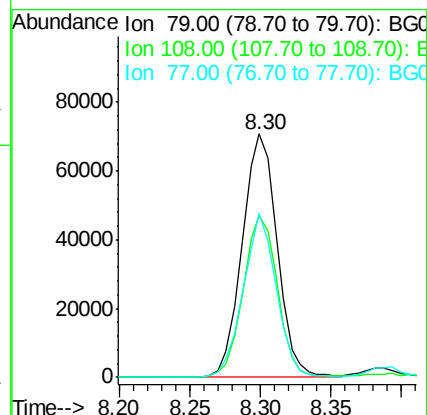
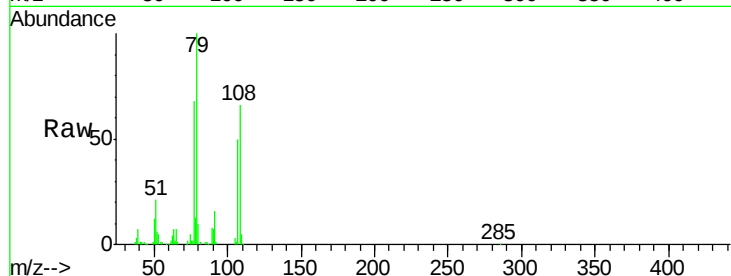
Tgt Ion: 79 Resp: 122548

Ion Ratio Lower Upper

79 100

108 66.2 57.2 85.8

77 67.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.625 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

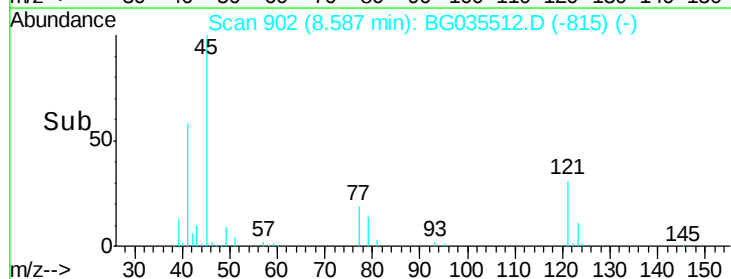
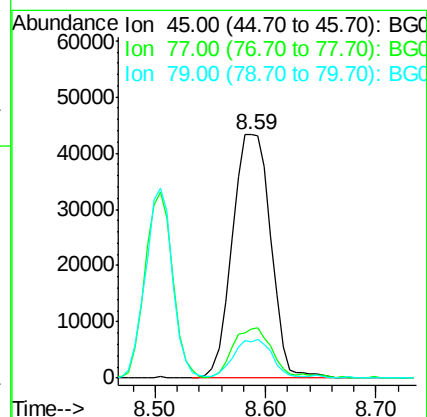
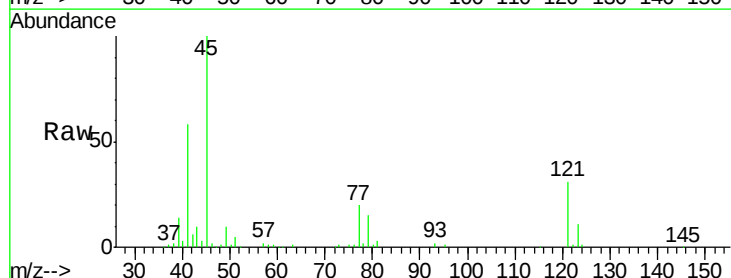
Tgt Ion: 45 Resp: 105874

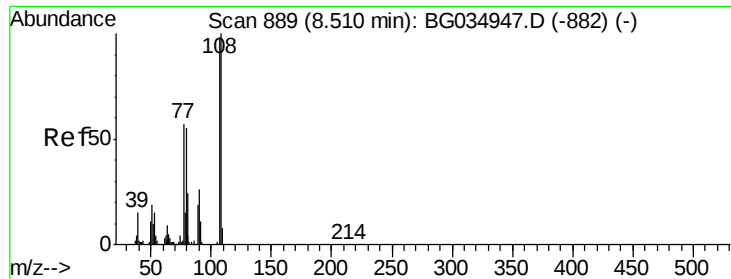
Ion Ratio Lower Upper

45 100

77 20.4 0.0 30.2

79 14.8 0.0 27.9





#17

2-Methylphenol

Concen: 58.489 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

Tgt Ion:107 Resp: 104393

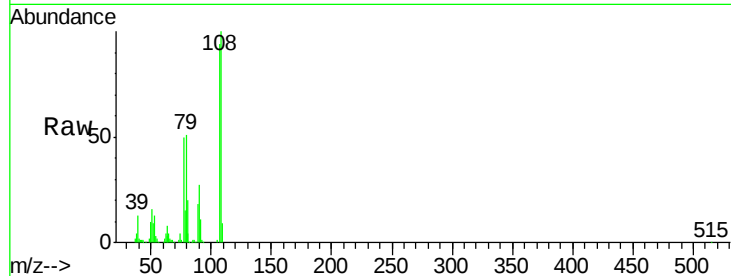
Ion Ratio Lower Upper

107 100

108 106.0 83.9 125.9

77 53.3 37.2 55.8

79 54.3 36.2 54.2#

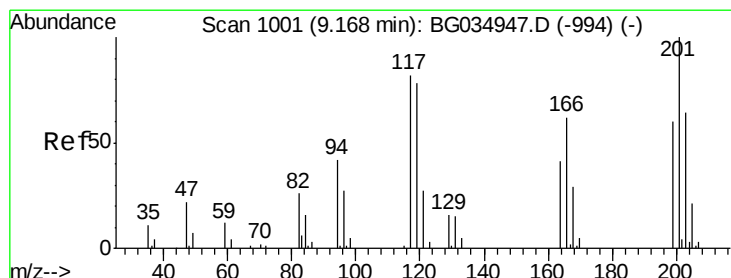
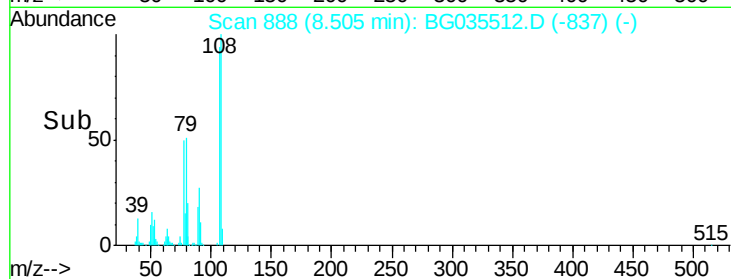
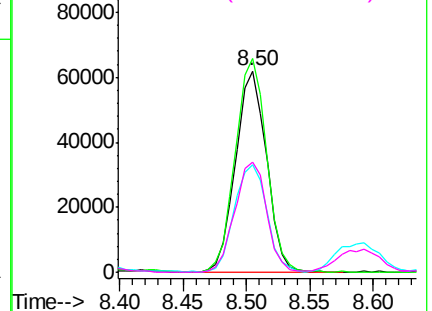


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.830 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

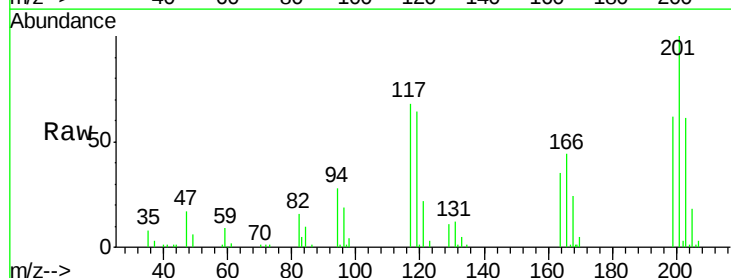
Tgt Ion:117 Resp: 39183

Ion Ratio Lower Upper

117 100

119 93.7 76.7 115.1

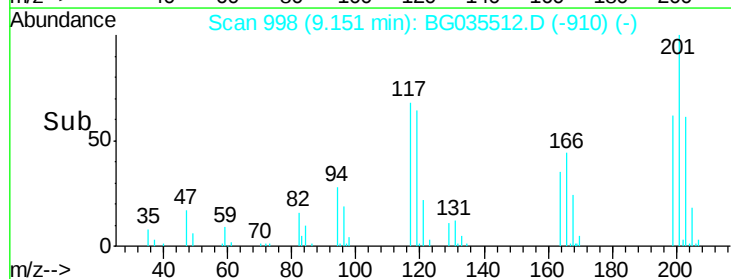
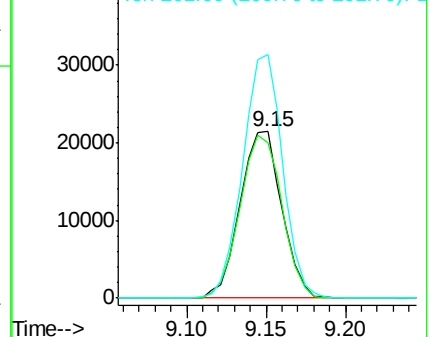
201 146.5 95.7 143.5#

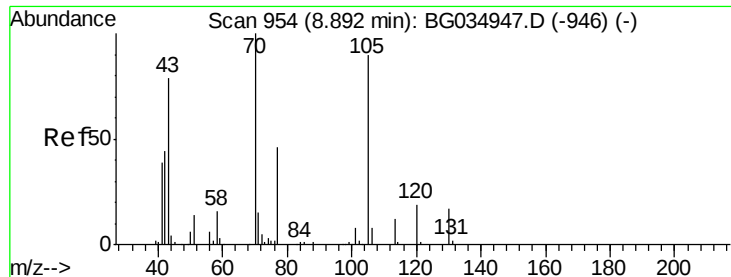


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

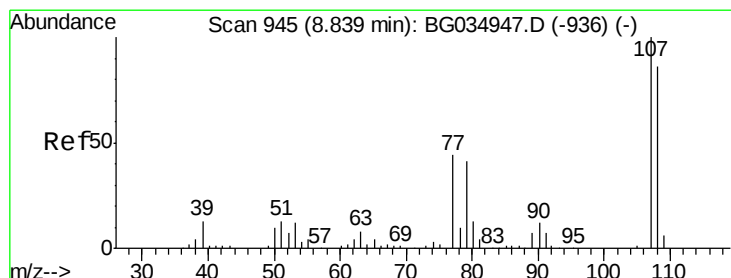
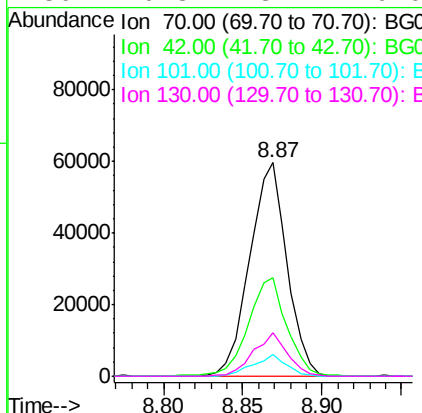
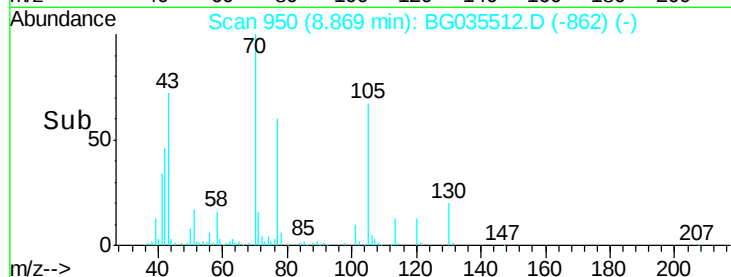
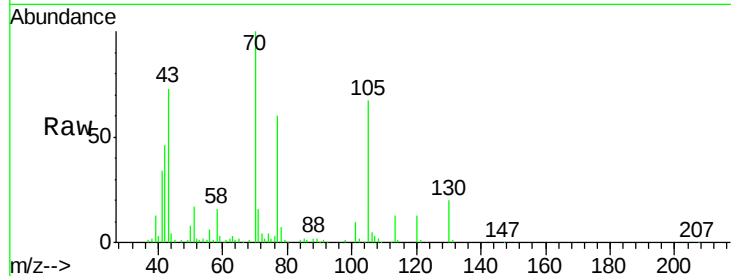




#19
n-Nitroso-di-n-propylamine
Concen: 43.690 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

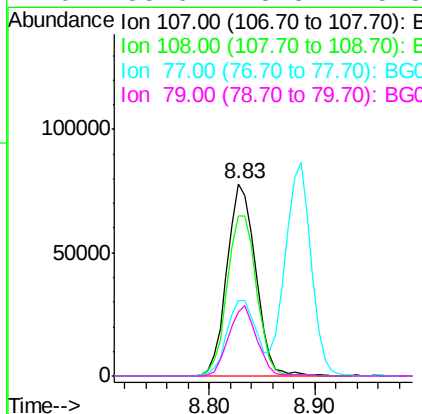
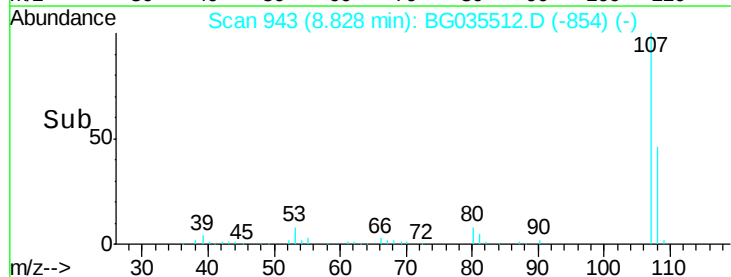
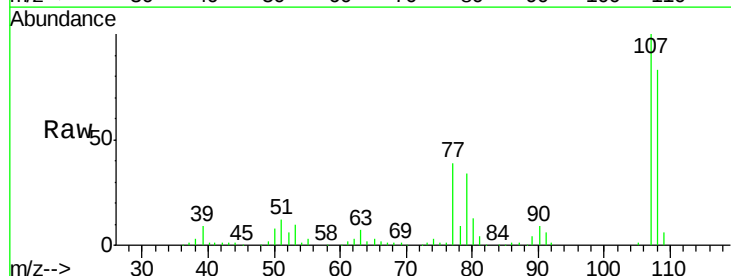
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

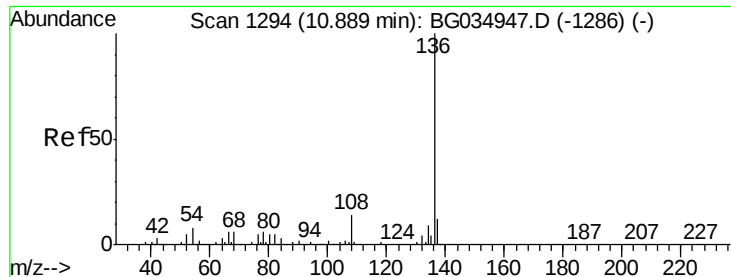
Tgt Ion: 70 Resp: 97098
Ion Ratio Lower Upper
70 100
42 46.2 49.1 73.7#
101 10.4 8.5 12.7
130 20.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 57.223 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion: 107 Resp: 146396
Ion Ratio Lower Upper
107 100
108 83.0 61.6 101.6
77 39.0 13.9 53.9
79 33.6 8.8 48.8

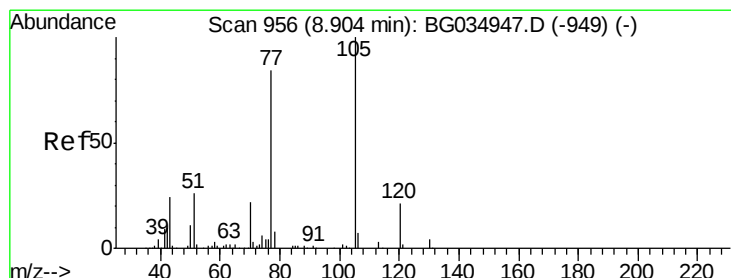
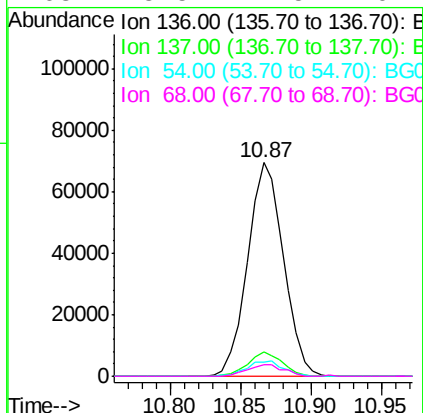
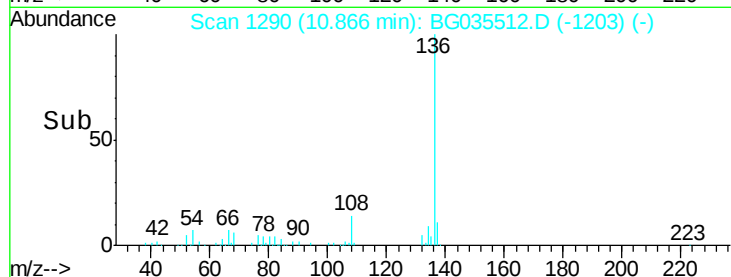
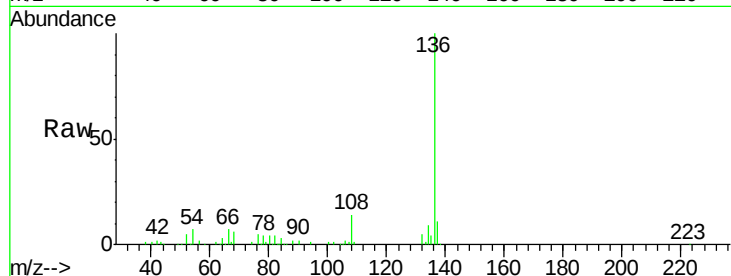




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

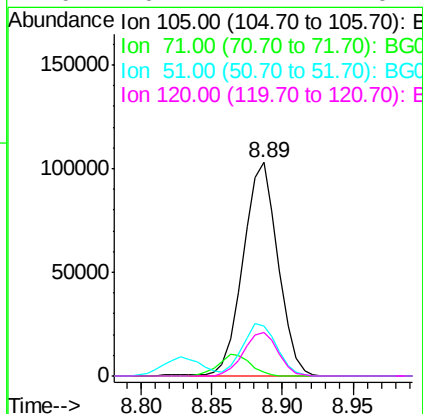
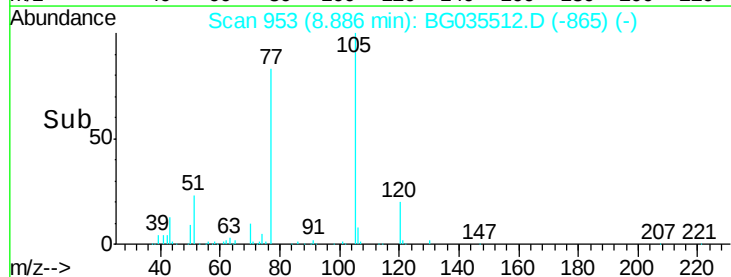
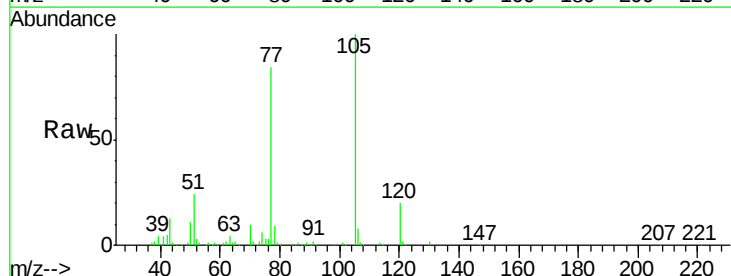
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

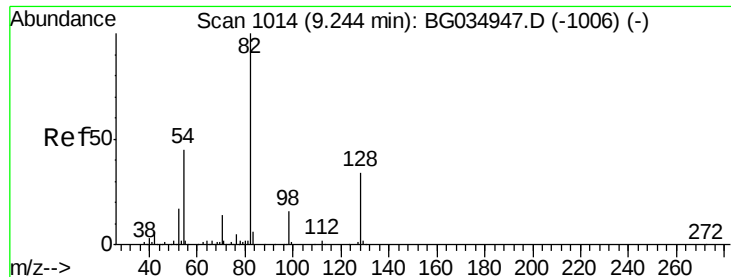
Tgt Ion:	136	Resp:	123841
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.6	10.3	15.5#
68	5.5	4.5	6.7



#22
Acetophenone
Concen: 46.108 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:	105	Resp:	176879
Ion	Ratio	Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	23.6	26.1	39.1#
120	20.4	17.4	26.2





#23

Nitrobenzene-d5

Concen: 110.944 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

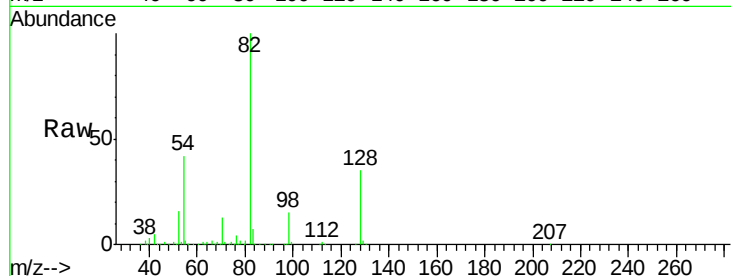
Tgt Ion: 82 Resp: 289043

Ion Ratio Lower Upper

82 100

128 34.9 29.7 44.5

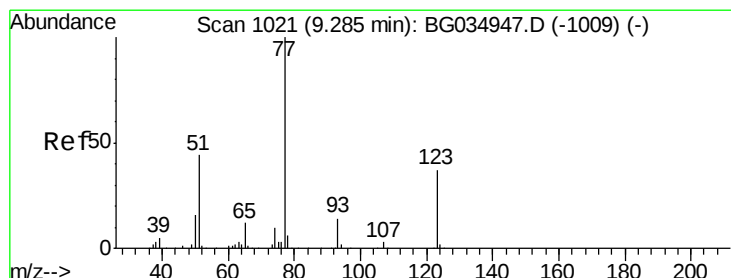
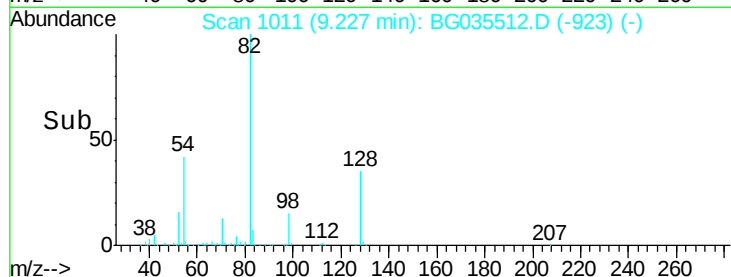
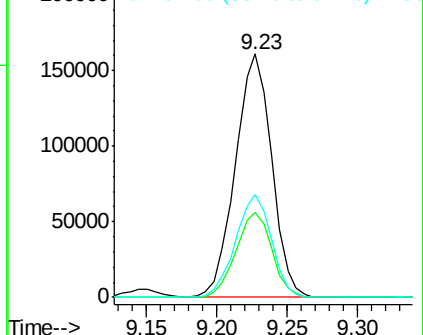
54 42.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 54.147 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

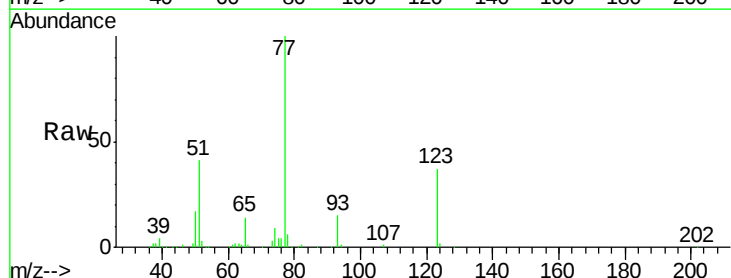
Tgt Ion: 77 Resp: 144455

Ion Ratio Lower Upper

77 100

123 36.7 33.0 49.6

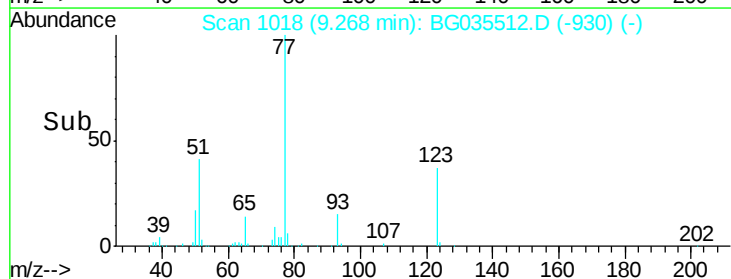
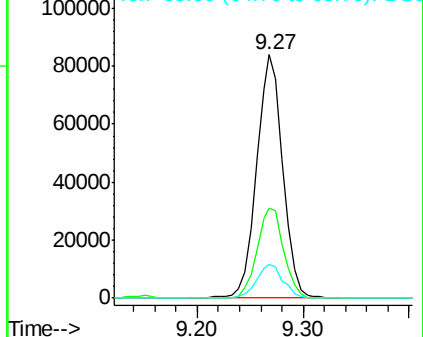
65 13.8 13.0 19.6

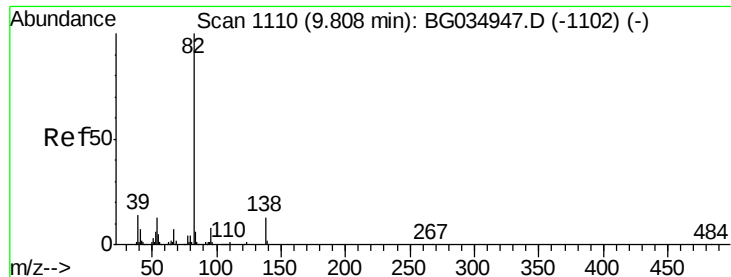


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 51.266 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

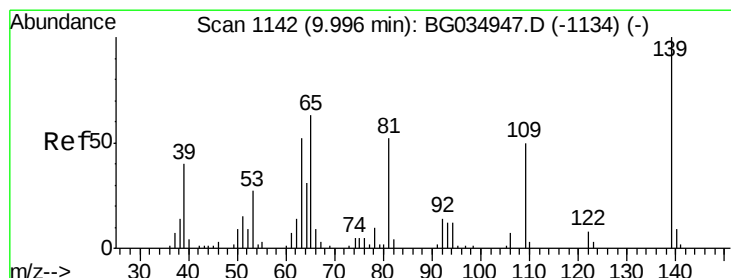
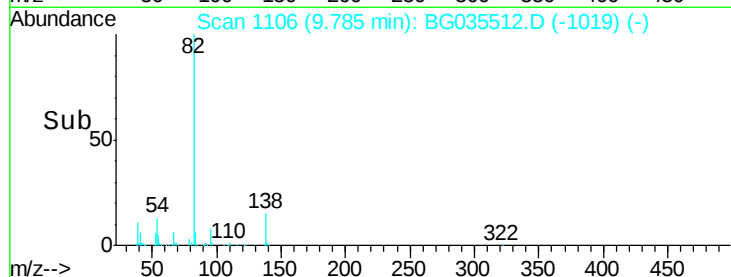
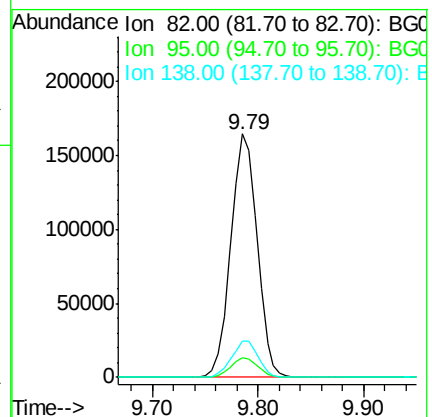
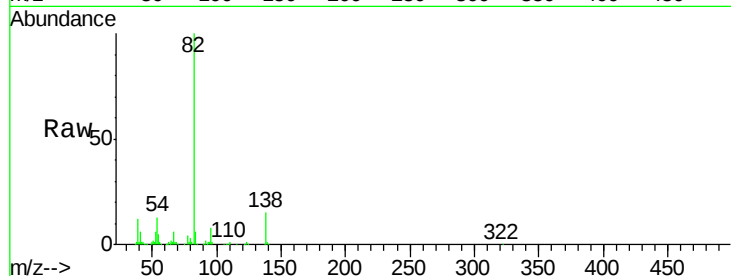
Tgt Ion: 82 Resp: 281993

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 14.7 12.1 18.1



#26

2-Nitrophenol

Concen: 30.174 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

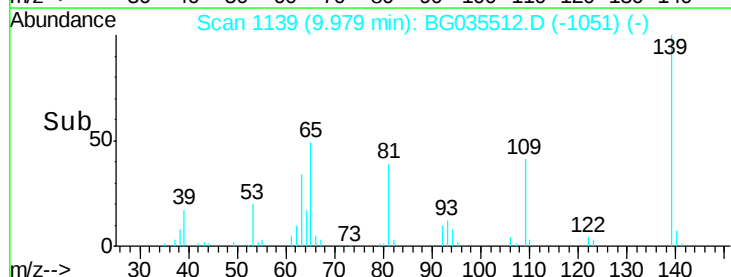
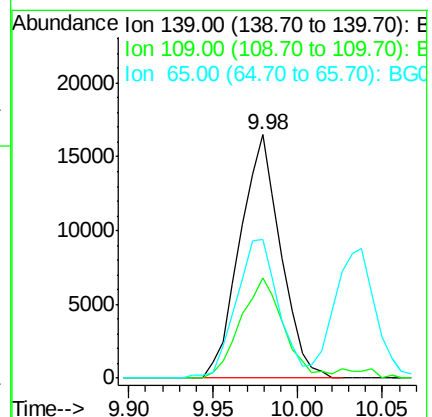
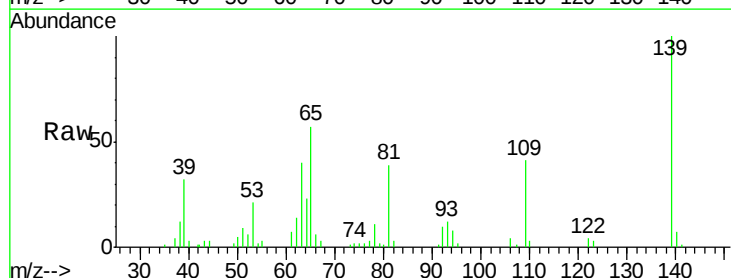
Tgt Ion: 139 Resp: 27748

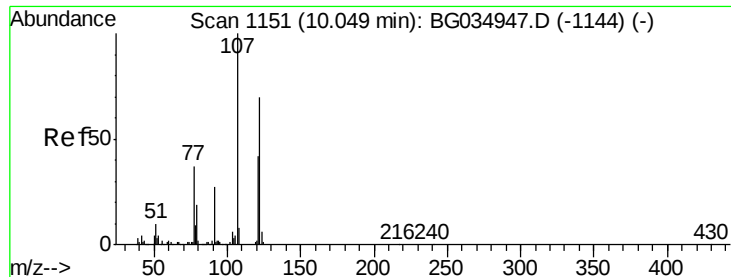
Ion Ratio Lower Upper

139 100

109 41.4 24.2 36.2#

65 56.9 47.4 71.0

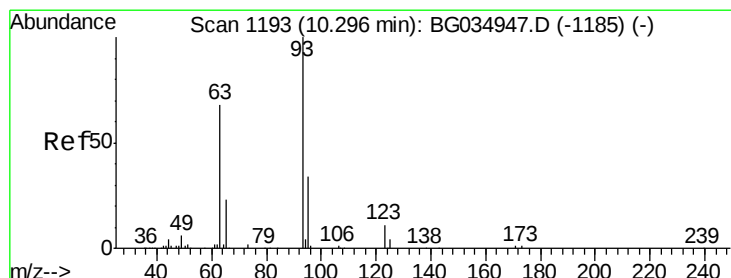
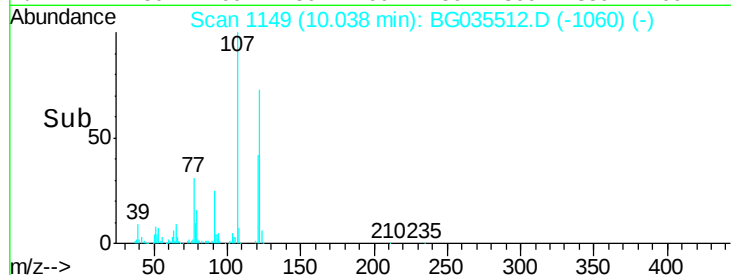
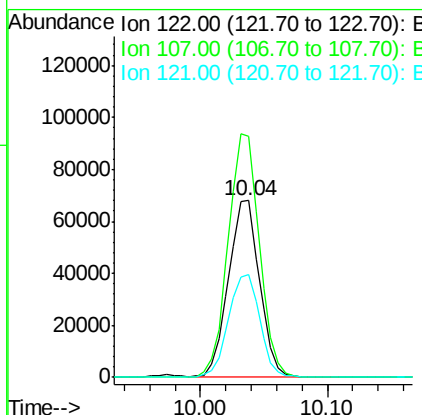
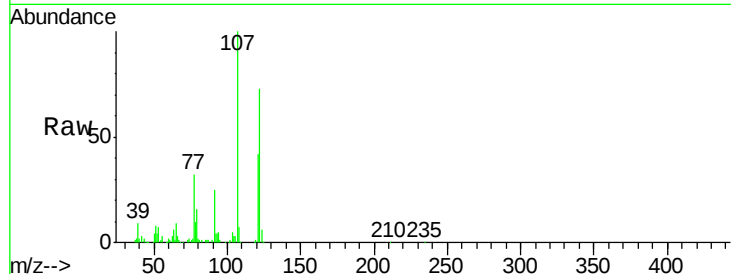




#27
2,4-Dimethylphenol
Concen: 59.764 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

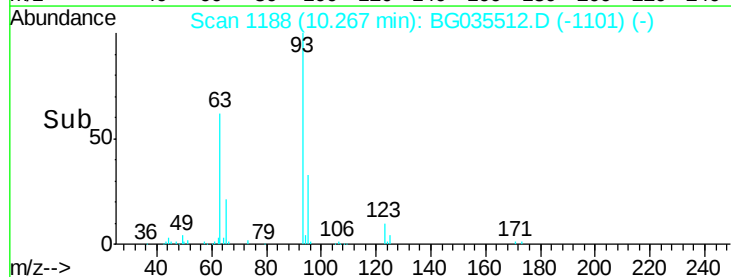
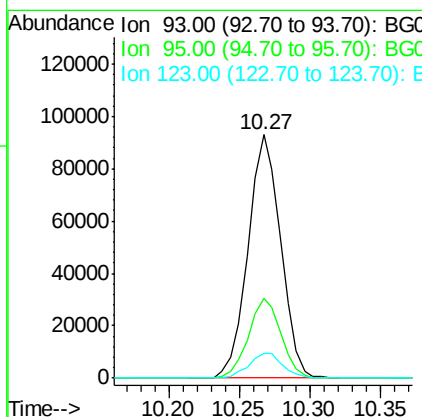
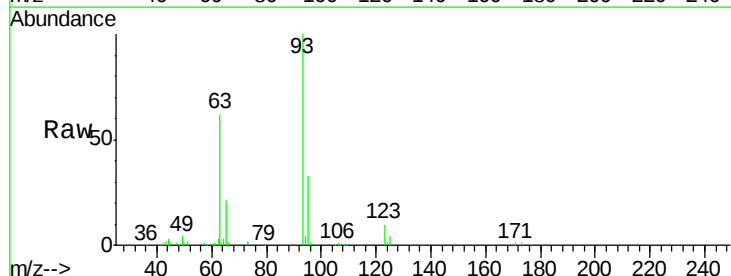
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

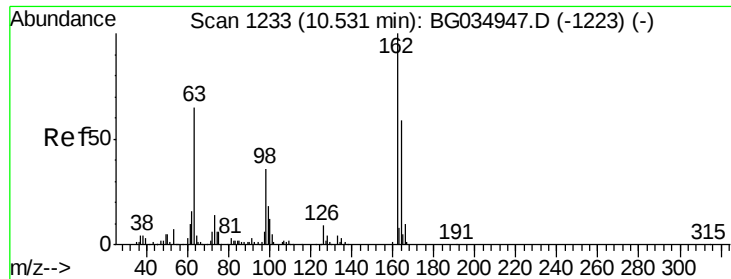
Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.4	100.2	150.2
121	57.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.021 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	10.2	8.4	12.6

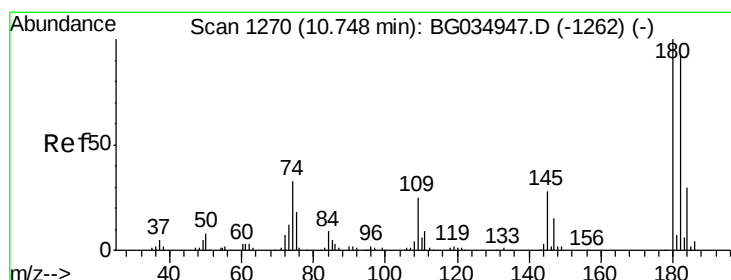
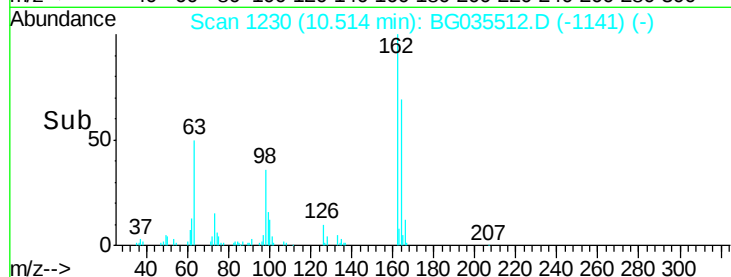
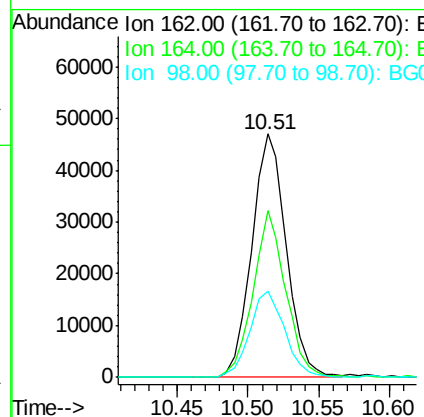
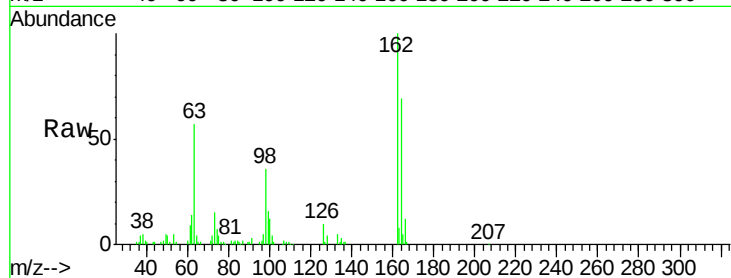




#29
 2,4-Dichlorophenol
 Concen: 38.312 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

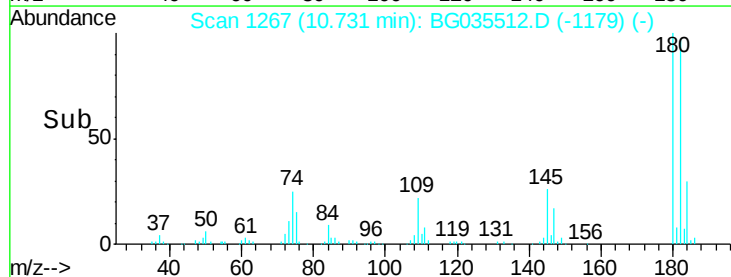
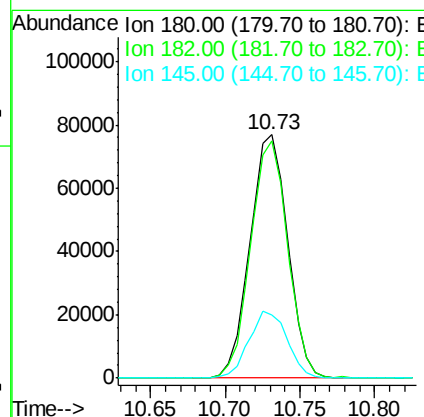
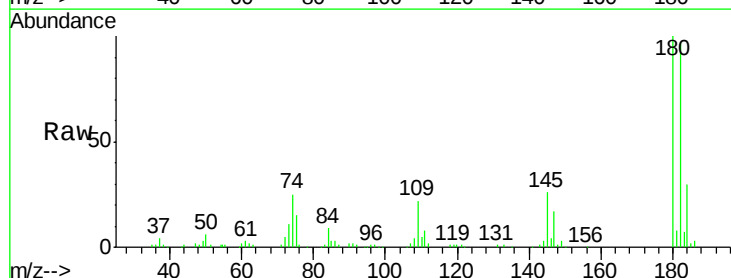
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

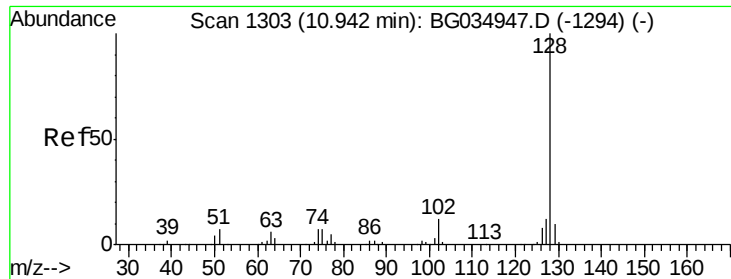
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.7	48.0	88.0
98	35.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 53.124 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	25.7	23.4	35.2

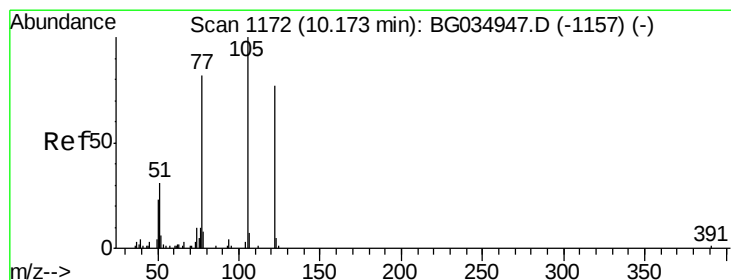
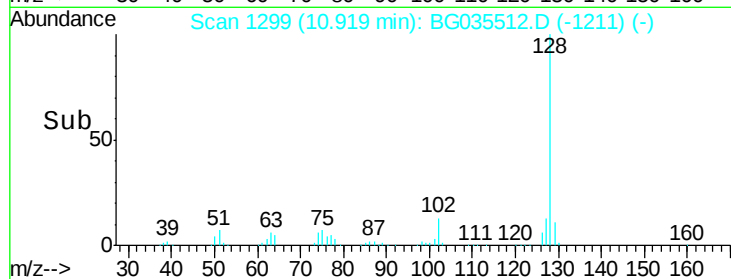
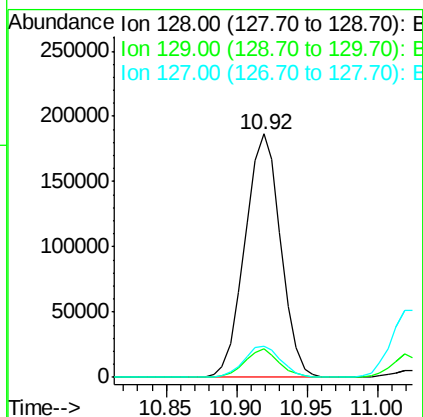
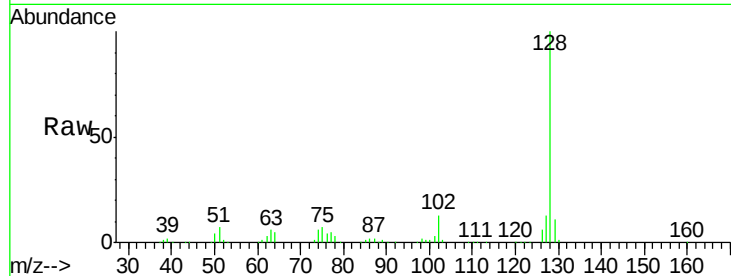




#31
Naphthalene
Concen: 51.412 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

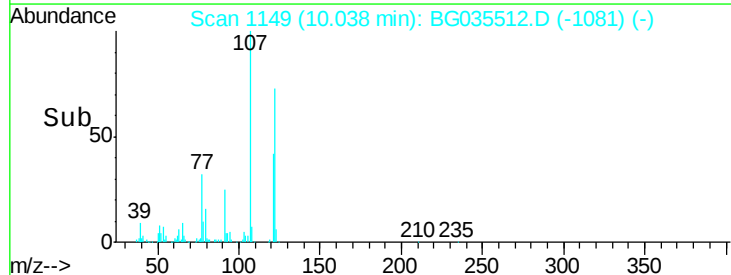
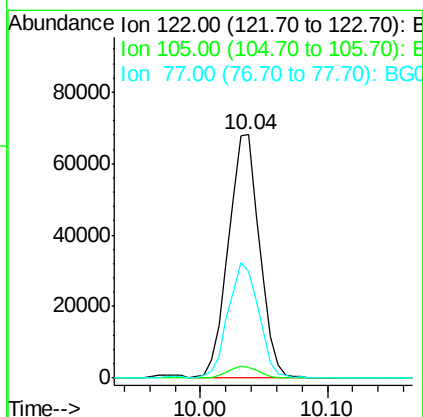
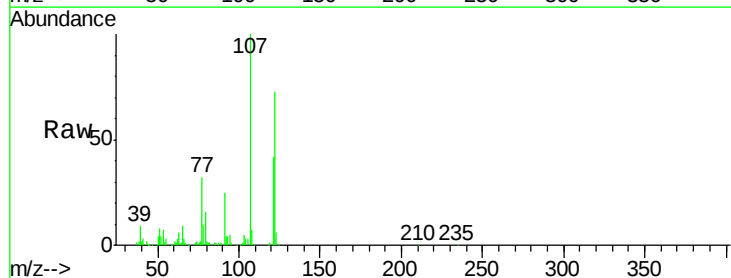
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

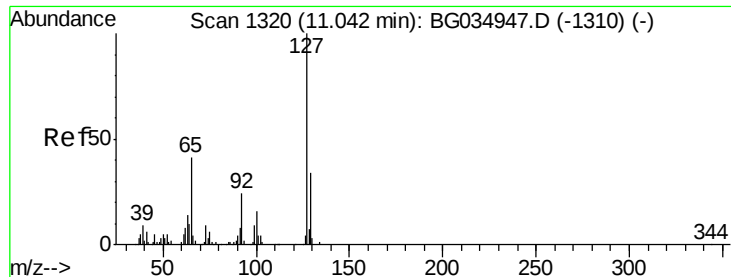
Tgt Ion:	128	Resp:	330752
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	12.8	11.6	17.4



#32
Benzoic acid
Concen: 89.226 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.13 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:	122	Resp:	115519
Ion	Ratio	Lower	Upper
122	100		
105	4.5	123.5	163.5#
77	43.7	85.7	125.7#

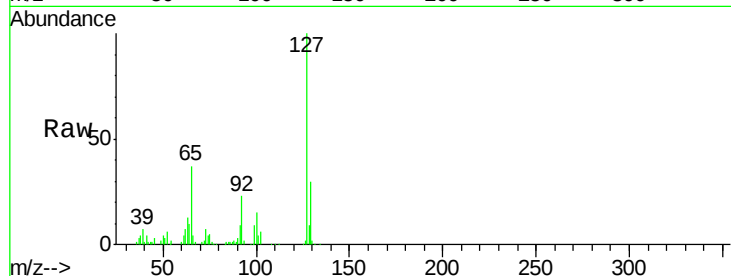




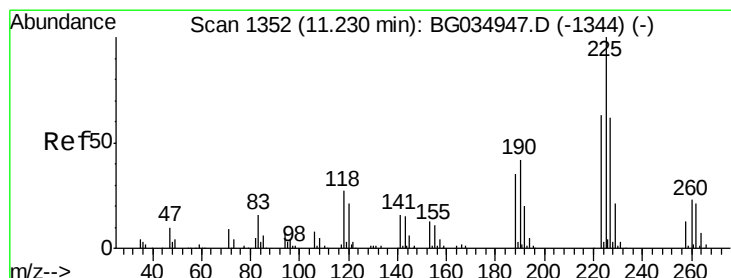
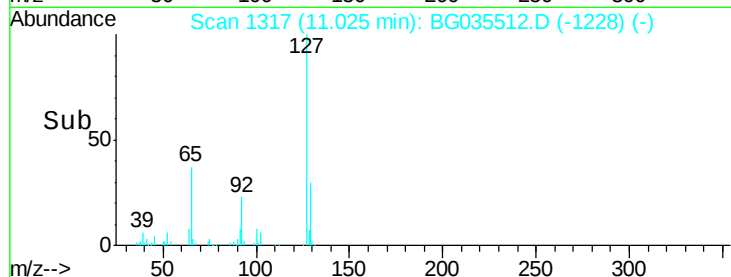
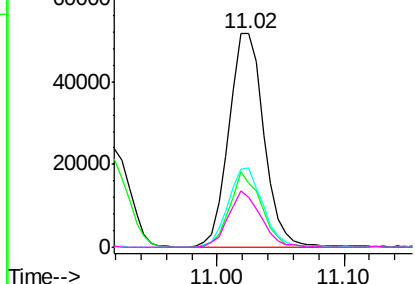
#33
4-Chloroaniline
Concen: 35.419 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:	127	Resp:	98942
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.0	36.0
65	37.2	27.0	40.4
92	23.4	16.6	25.0

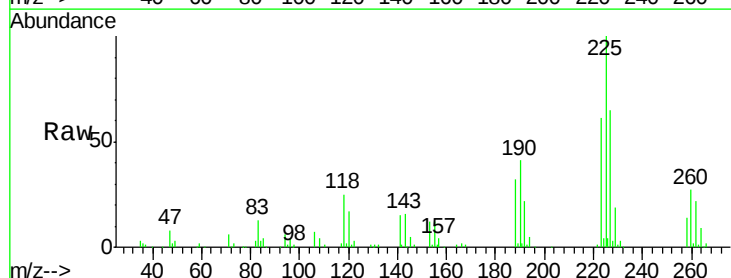


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

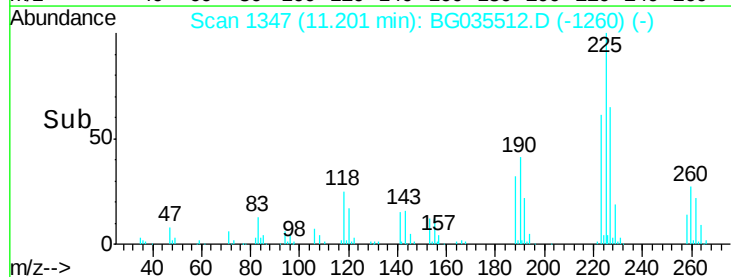
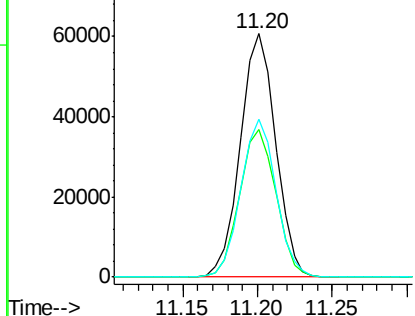


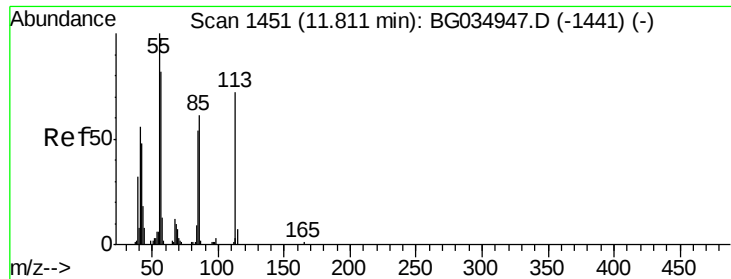
#34
Hexachlorobutadiene
Concen: 50.838 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:	225	Resp:	99711
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	65.1	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

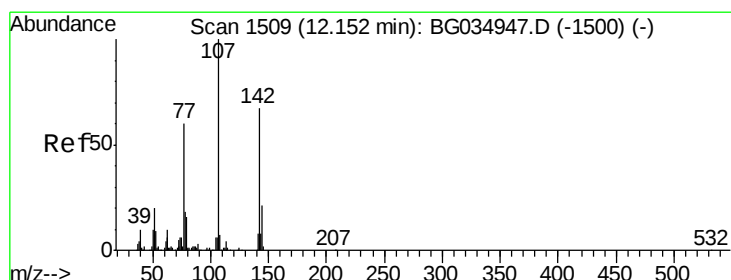
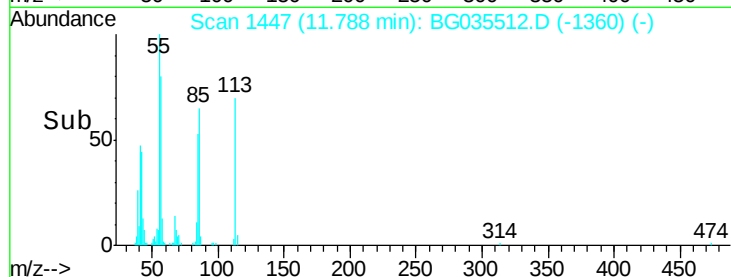
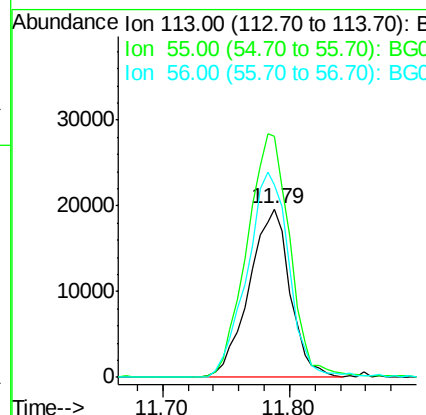
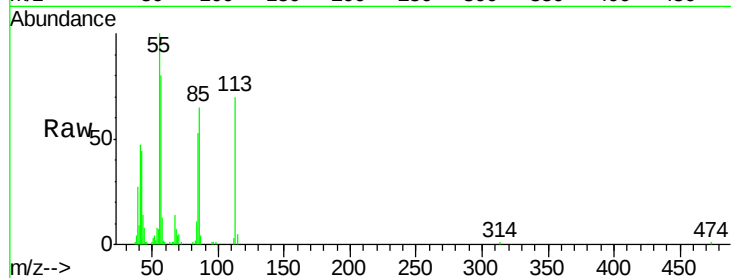




#35
 Caprolactam
 Concen: 56.820 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

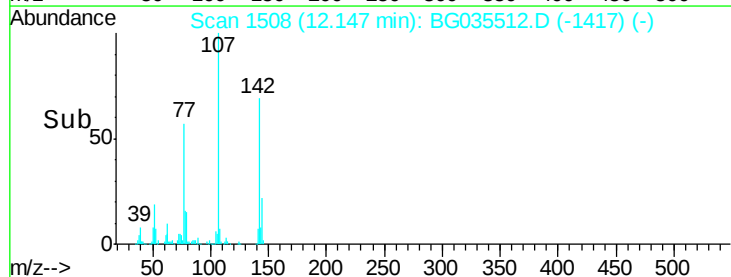
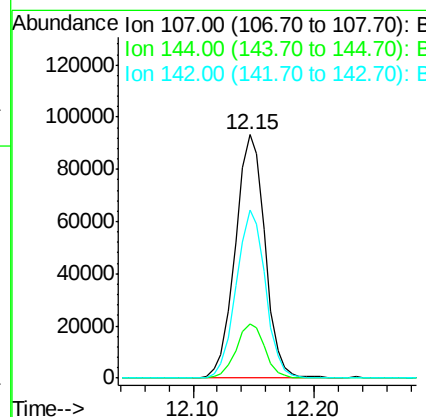
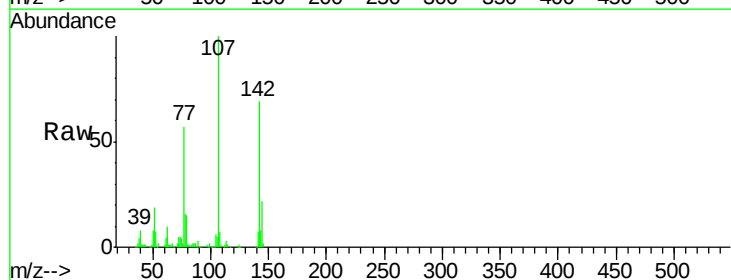
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

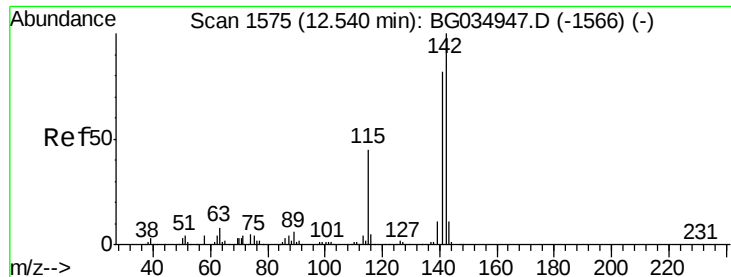
Tgt Ion:113 Resp: 44165
 Ion Ratio Lower Upper
 113 100
 55 143.3 186.9 226.9#
 56 114.5 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 60.909 ng
 RT: 12.15 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:107 Resp: 159687
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.2 27.4
 142 69.2 59.0 88.4

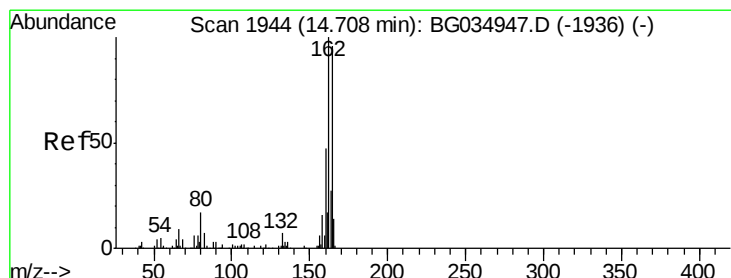
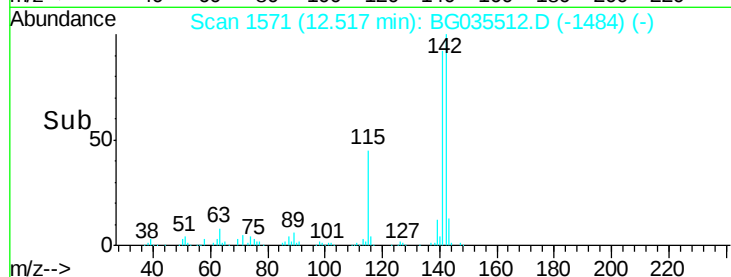
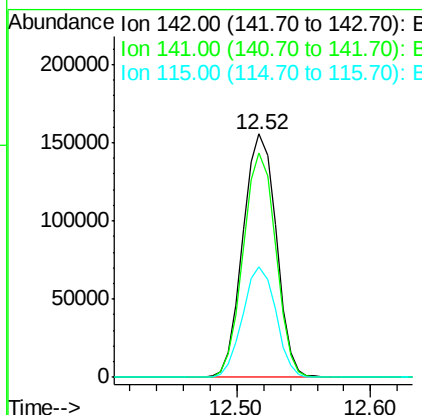
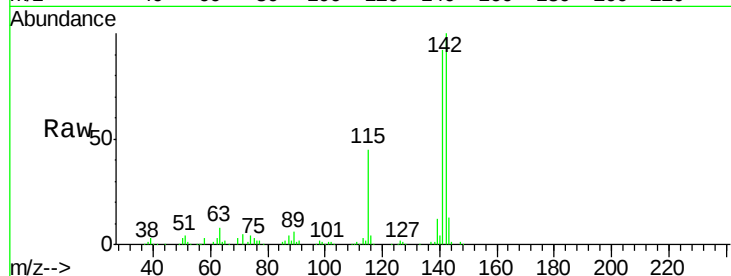




#37
 2-Methylnaphthalene
 Concen: 54.968 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

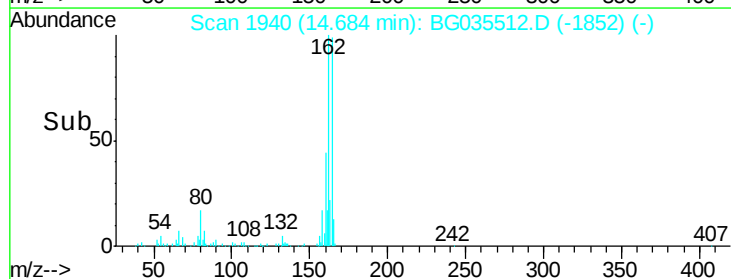
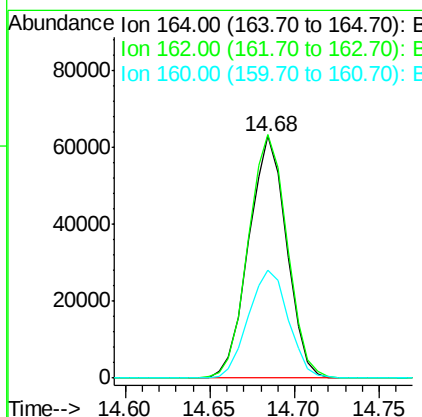
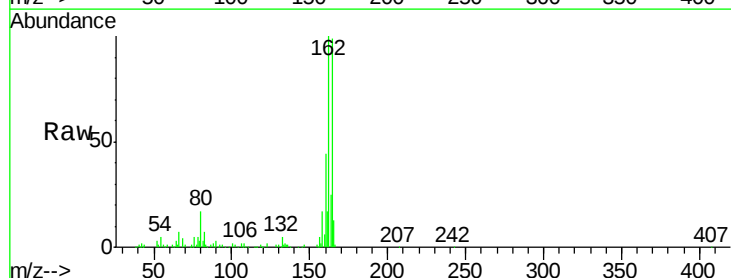
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

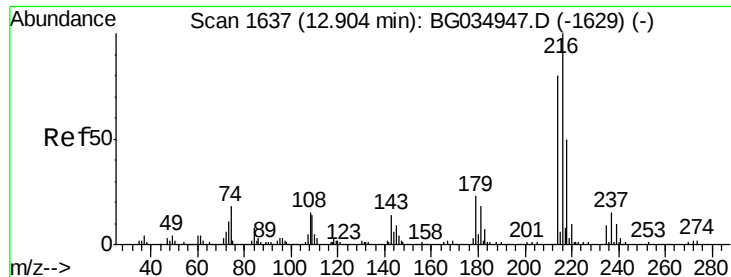
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	45.2	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	44.8	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.786 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

Tgt Ion:216 Resp: 193048

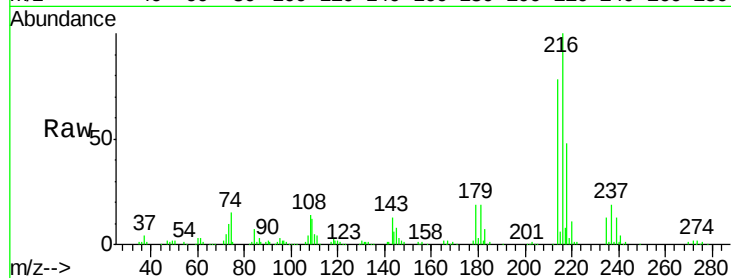
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 18.7 17.0 25.6

108 15.5 12.8 19.2

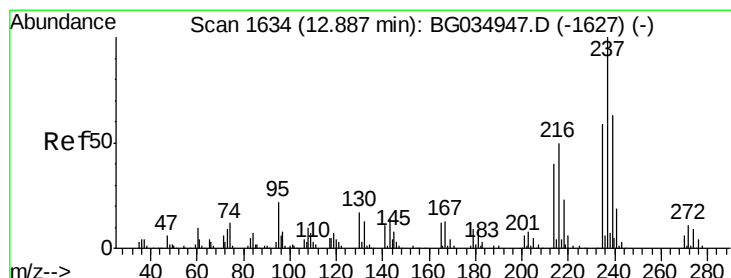
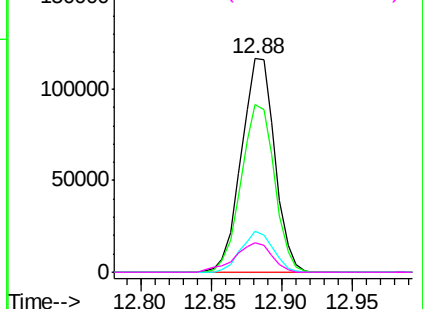
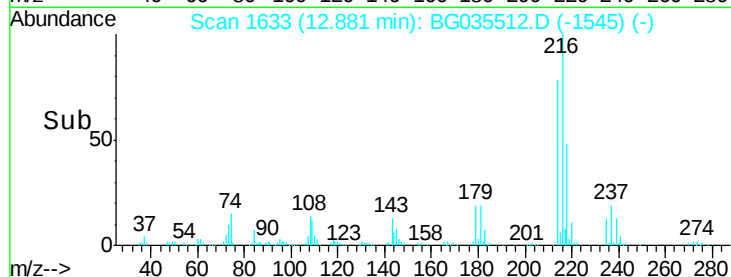


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.255 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

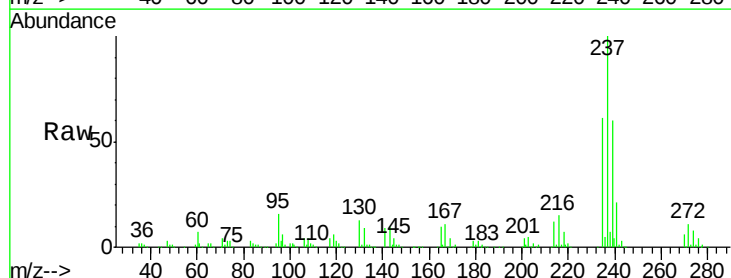
Tgt Ion:237 Resp: 216163

Ion Ratio Lower Upper

237 100

235 61.4 50.4 90.4

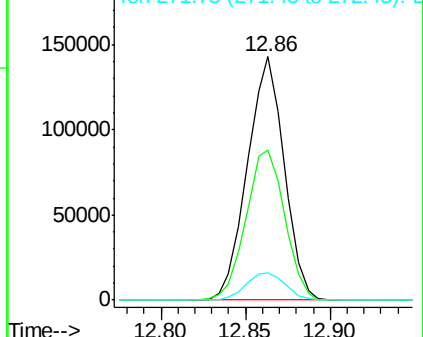
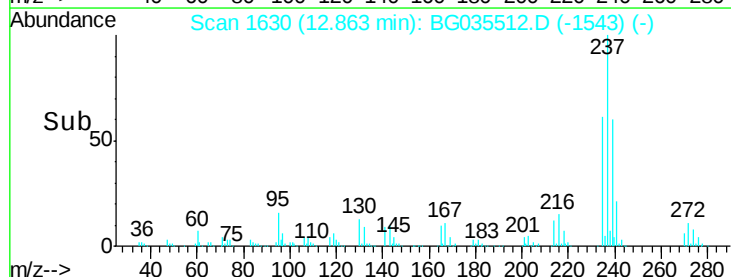
272 11.1 0.0 31.8

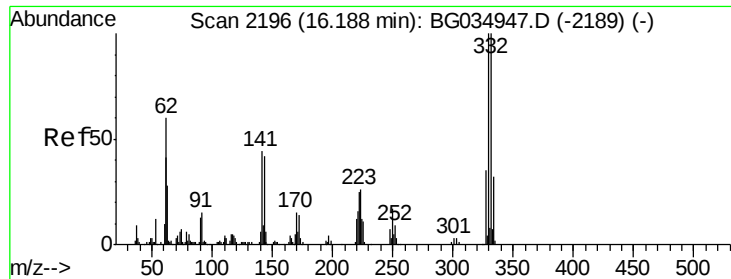


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

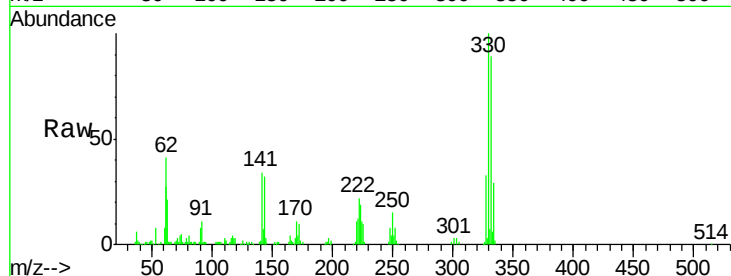




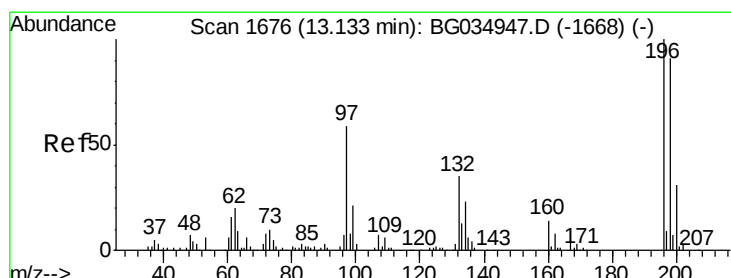
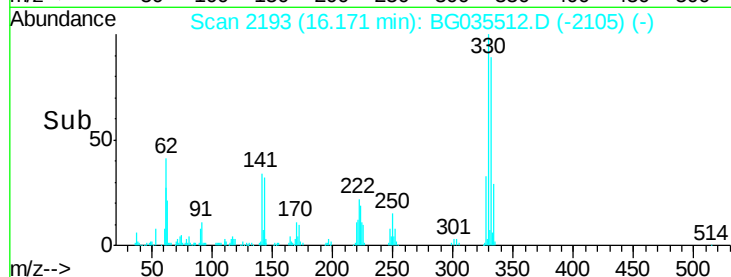
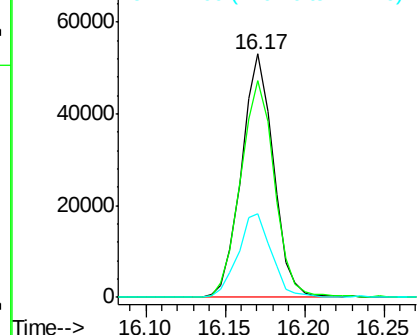
#41
 2,4,6-Tribromophenol
 Concen: 58.929 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

Tgt Ion:330 Resp: 74067
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 35.8 25.2 37.8

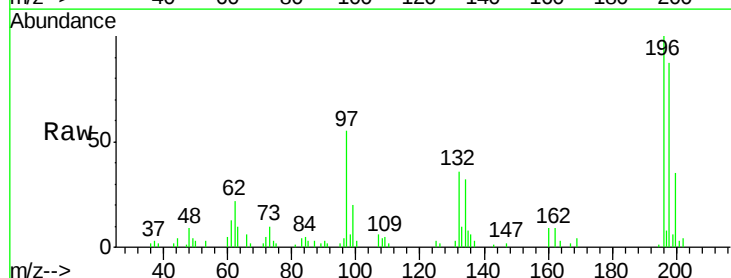


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

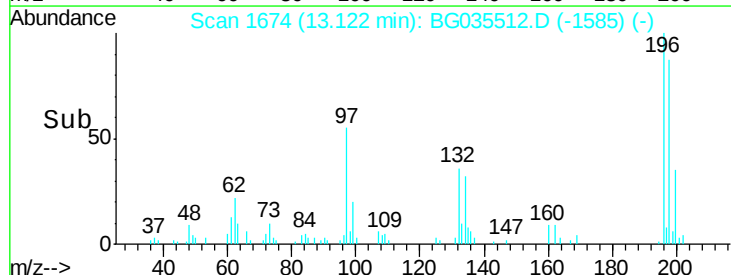
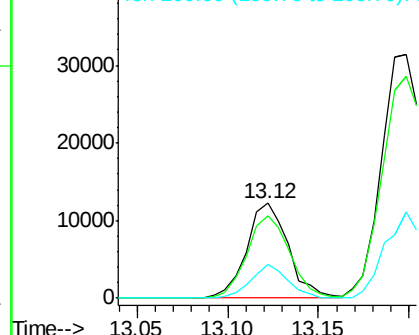


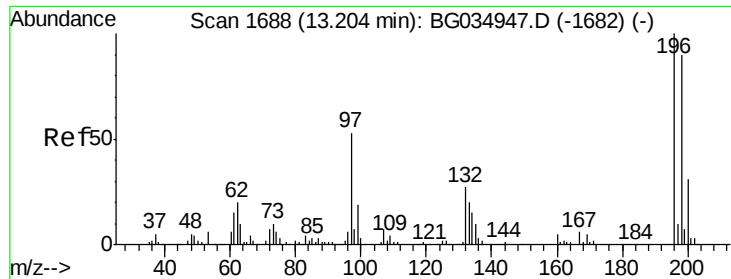
#42
 2,4,6-Trichlorophenol
 Concen: 8.912 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:196 Resp: 19515
 Ion Ratio Lower Upper
 196 100
 198 87.2 78.2 117.2
 200 35.0 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

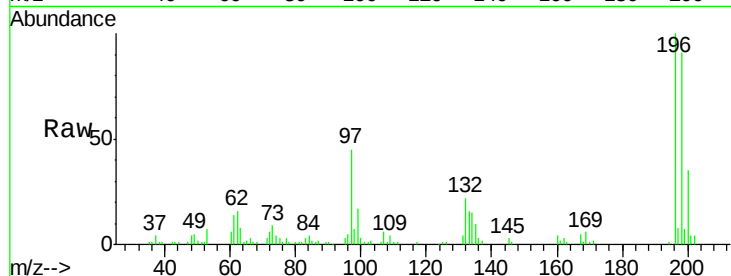




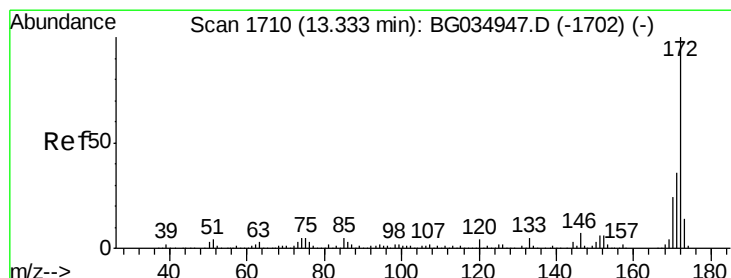
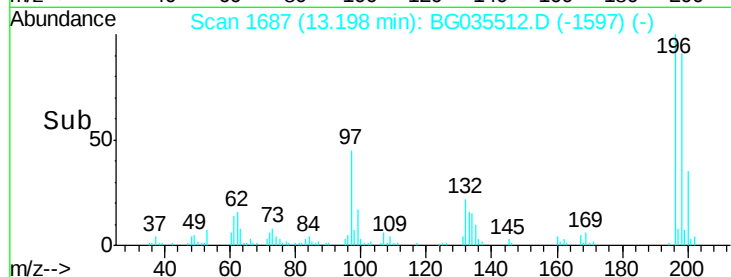
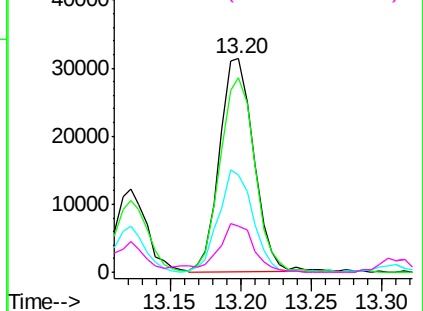
#43
 2,4,5-Trichlorophenol
 Concen: 21.978 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

Tgt Ion:196 Resp: 52825
 Ion Ratio Lower Upper
 196 100
 198 91.4 76.2 114.4
 97 45.5 38.7 58.1
 132 21.8 20.2 30.2

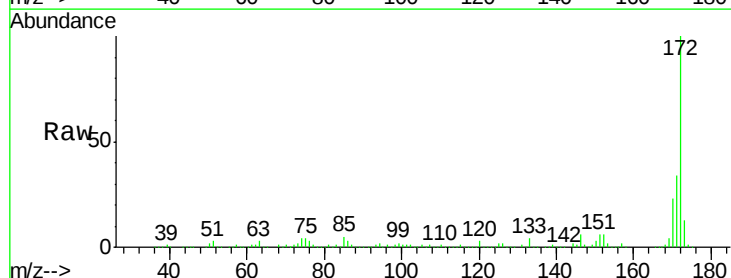


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

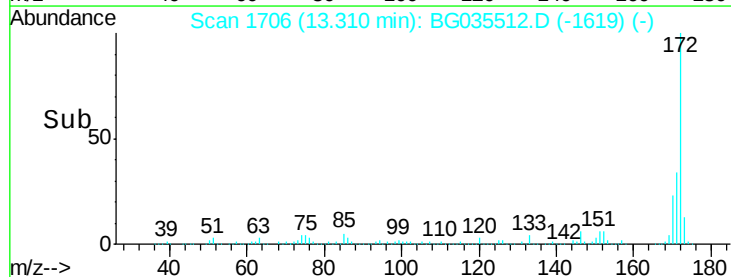
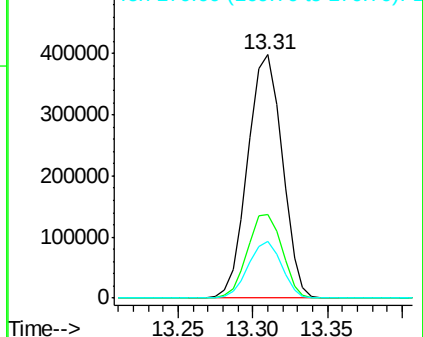


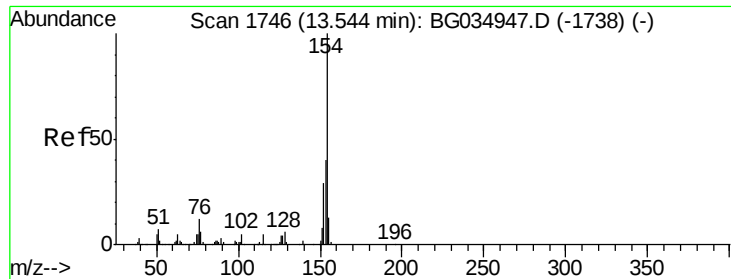
#44
 2-Fluorobiphenyl
 Concen: 84.563 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:172 Resp: 638677
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 23.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

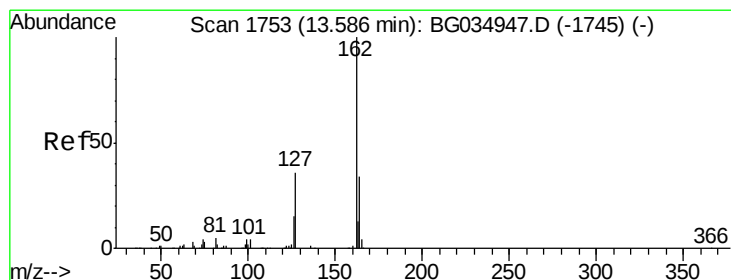
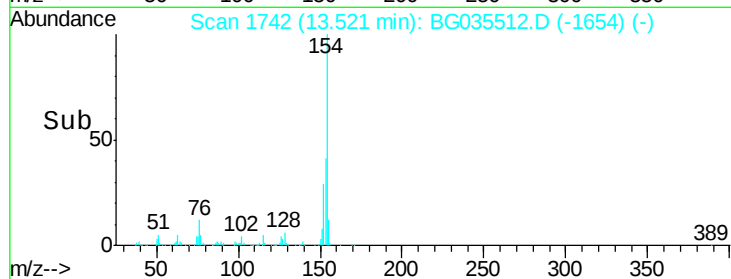
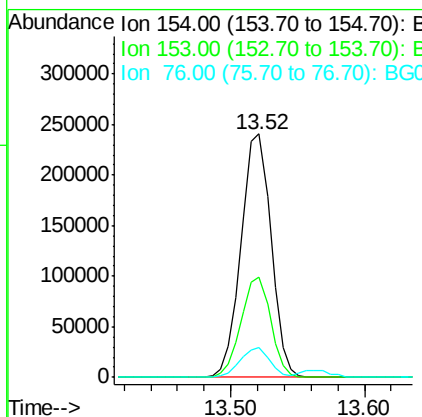
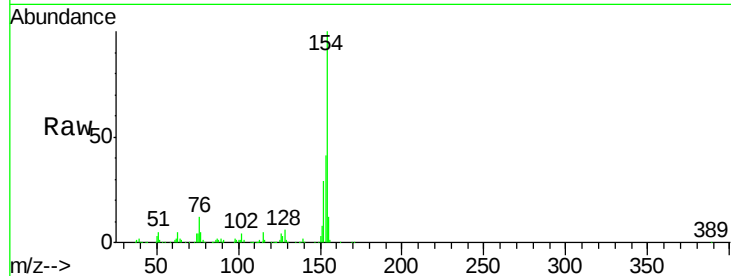




#45
 1,1'-Biphenyl
 Concen: 47.307 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

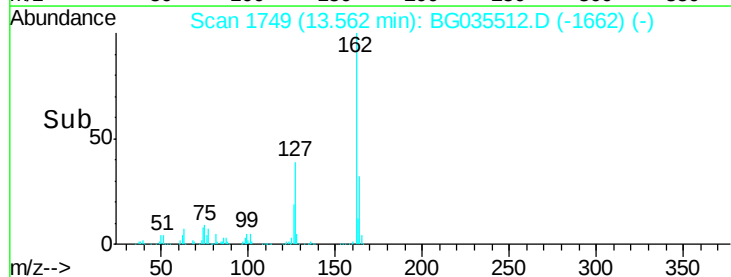
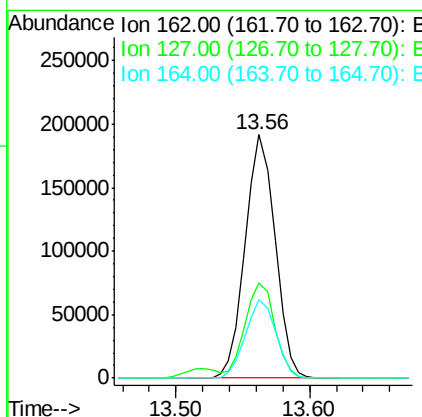
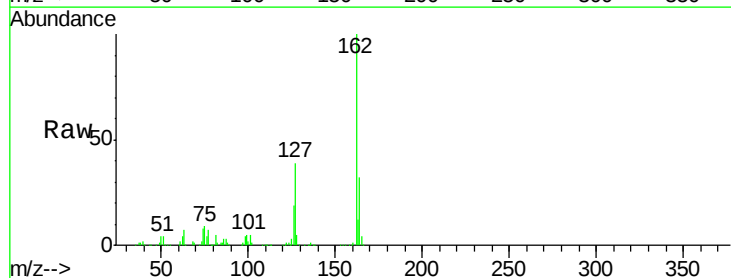
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

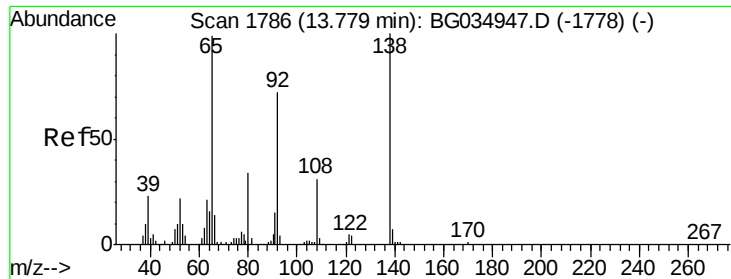
Tgt Ion:	154	Resp:	373489
Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	12.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 49.836 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:	162	Resp:	297478
Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	32.1	26.0	39.0

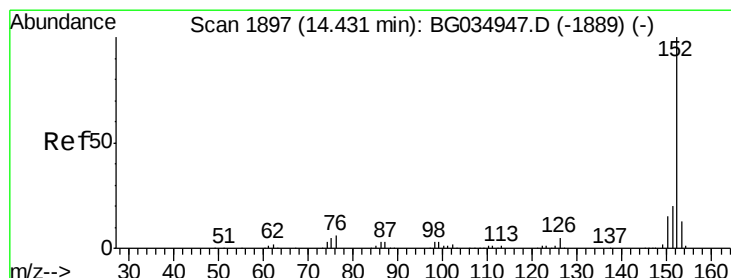
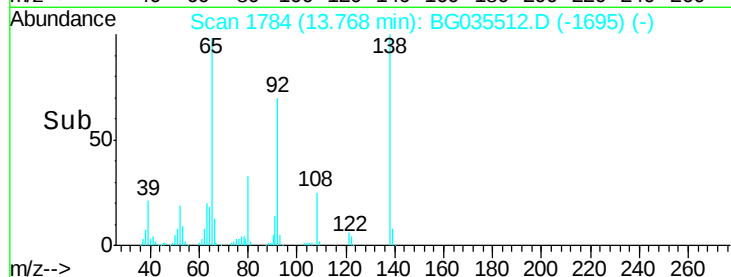
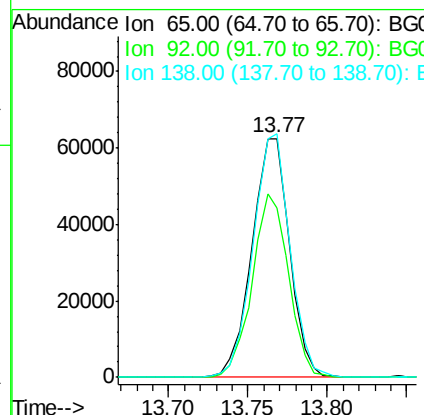
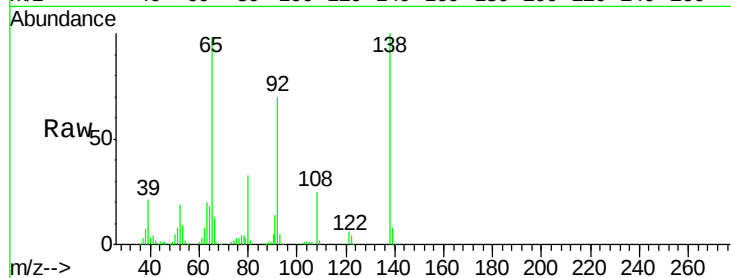




#47
2-Nitroaniline
Concen: 58.505 ng
RT: 13.77 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

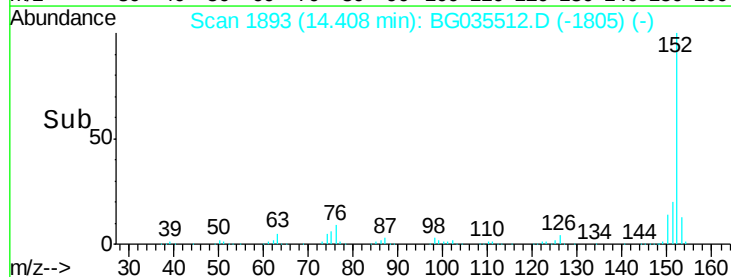
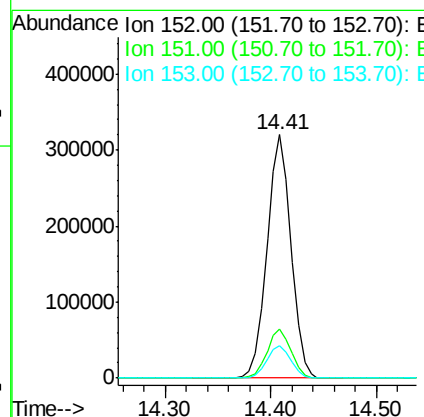
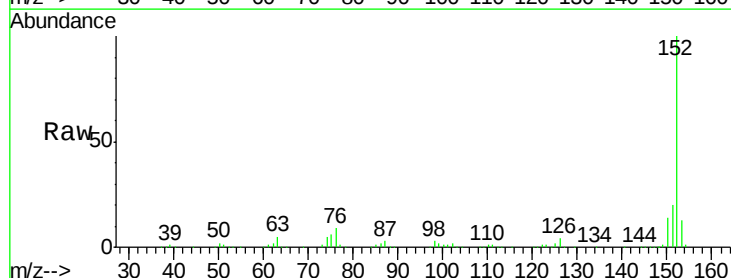
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

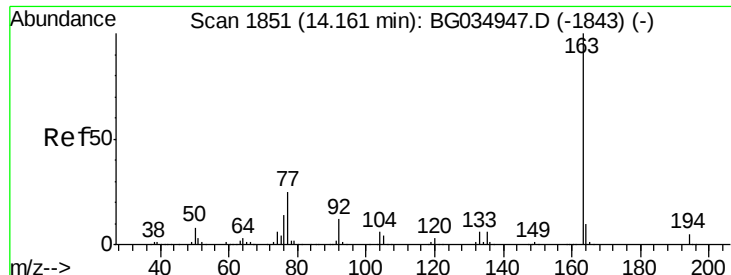
Tgt Ion: 65 Resp: 103123
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 101.9 72.9 109.3



#48
Acenaphthylene
Concen: 50.273 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion: 152 Resp: 503182
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 58.825 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

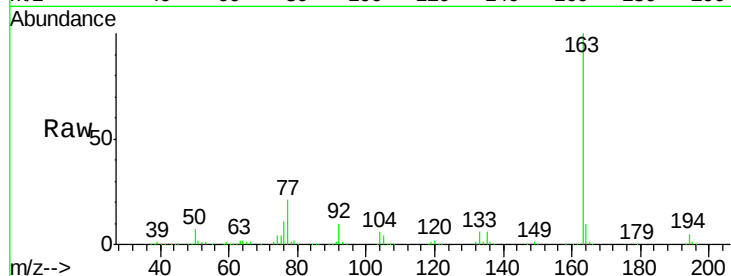
Tgt Ion:163 Resp: 503659

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

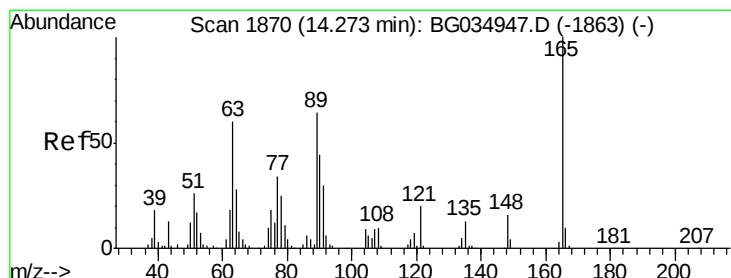
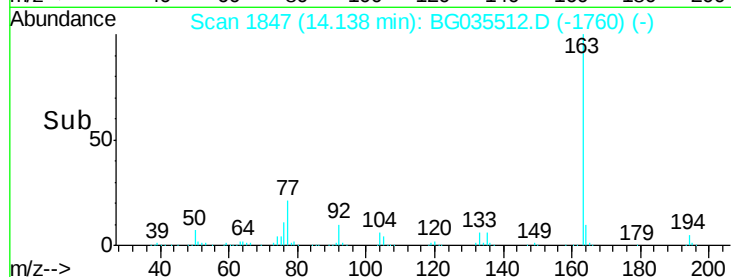
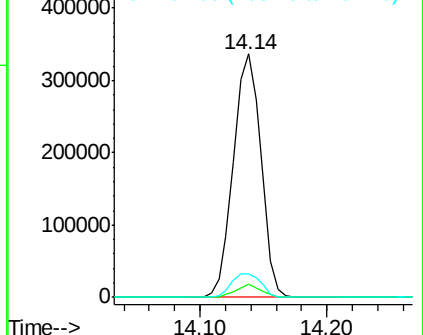
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 61.465 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

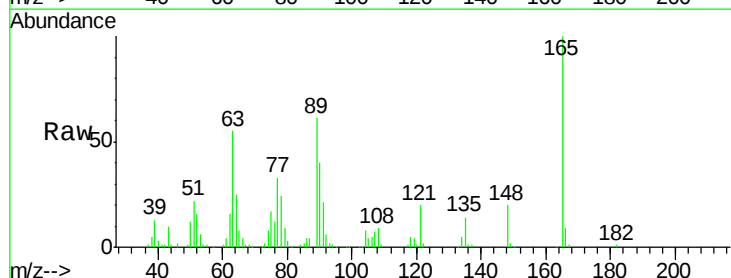
Tgt Ion:165 Resp: 96008

Ion Ratio Lower Upper

165 100

63 54.8 52.7 79.1

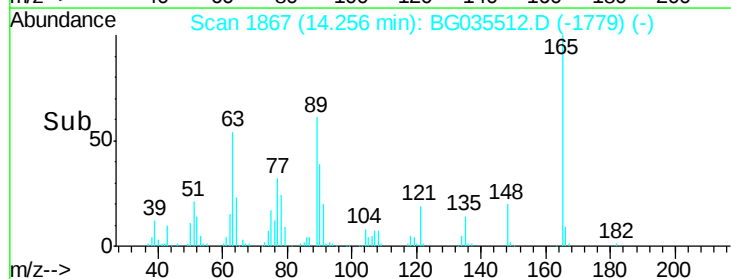
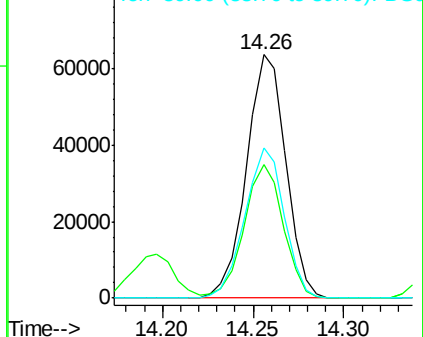
89 61.5 49.2 73.8

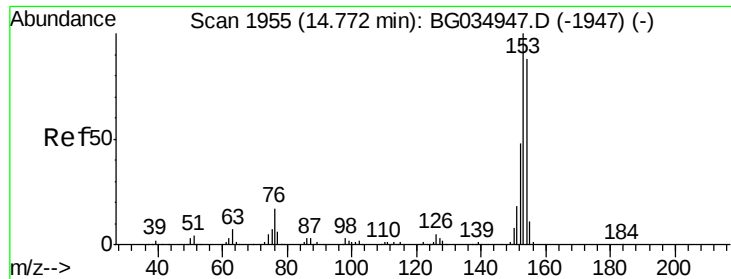


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.526 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

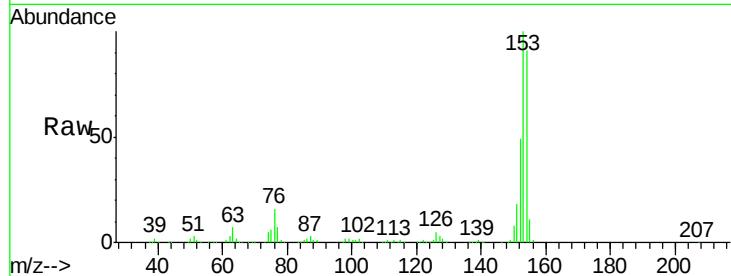
Tgt Ion:154 Resp: 297723

Ion Ratio Lower Upper

154 100

153 109.4 90.4 135.6

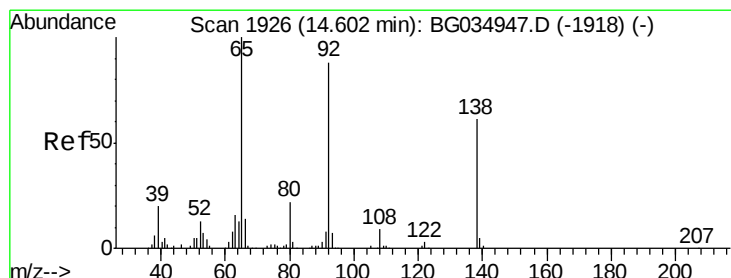
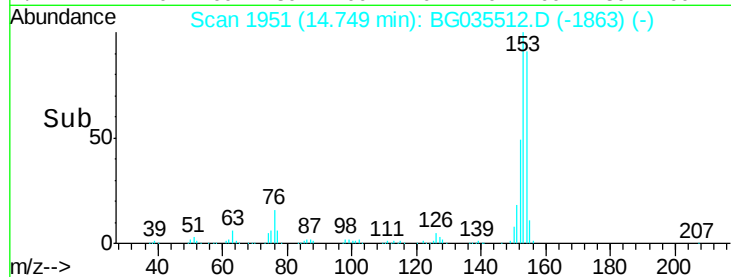
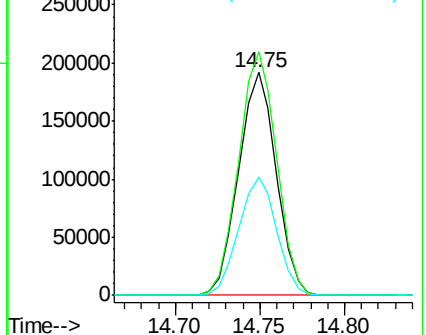
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.482 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

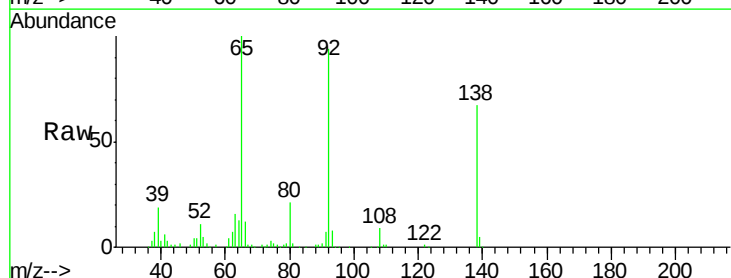
Tgt Ion:138 Resp: 74310

Ion Ratio Lower Upper

138 100

108 13.3 17.5 26.3#

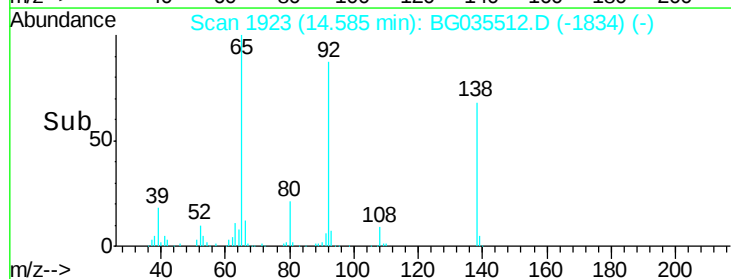
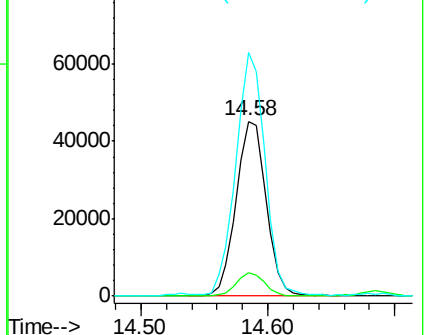
92 139.3 105.8 158.8

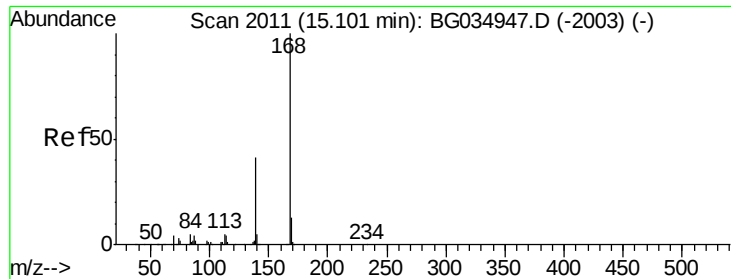


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

Dibenzofuran

Concen: 50.939 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

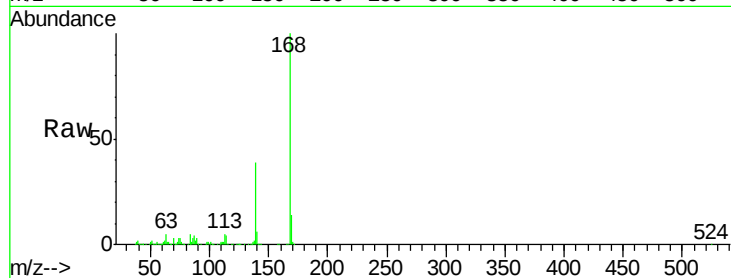
Tgt Ion:168 Resp: 498910

Ion Ratio Lower Upper

168 100

139 39.3 28.6 43.0

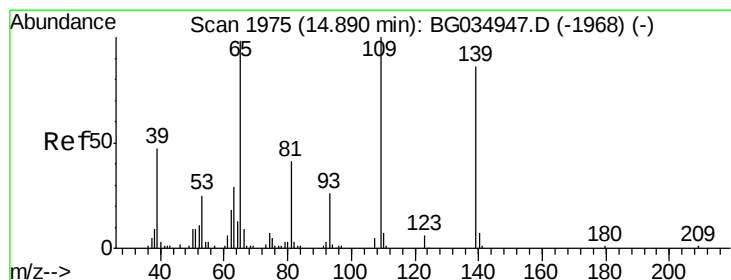
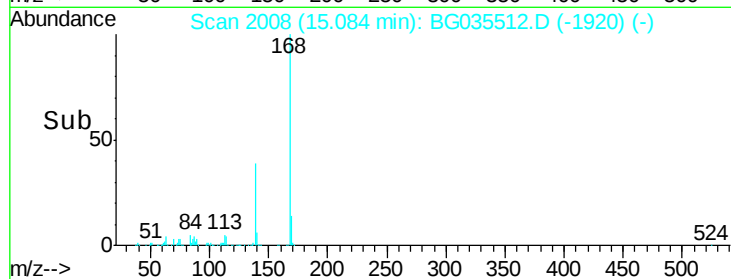
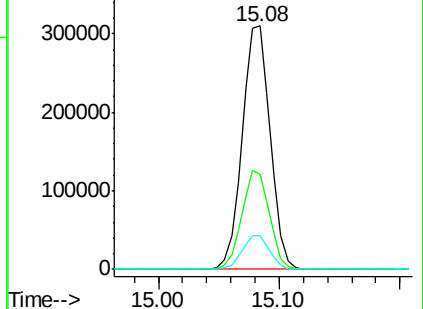
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.668 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

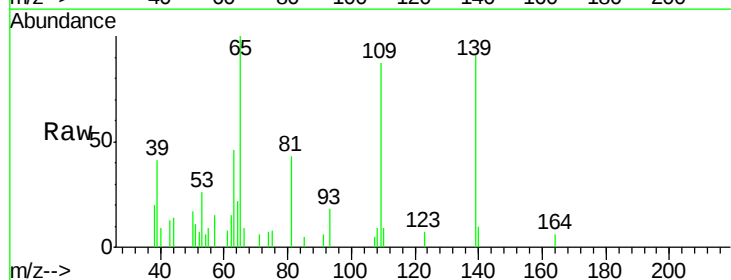
Tgt Ion:139 Resp: 6038

Ion Ratio Lower Upper

139 100

109 95.2 62.2 102.2

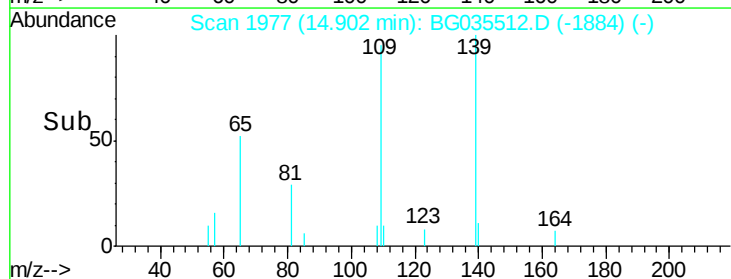
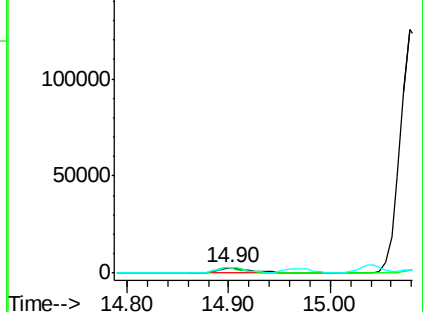
65 109.3 97.2 137.2

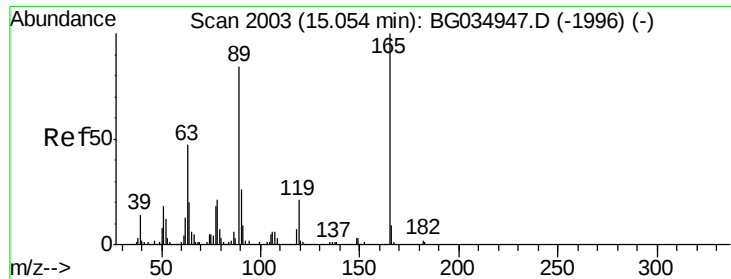


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

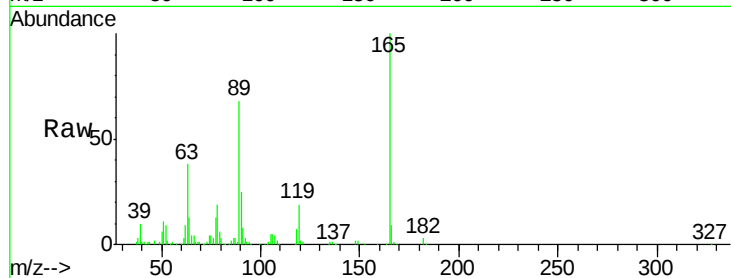




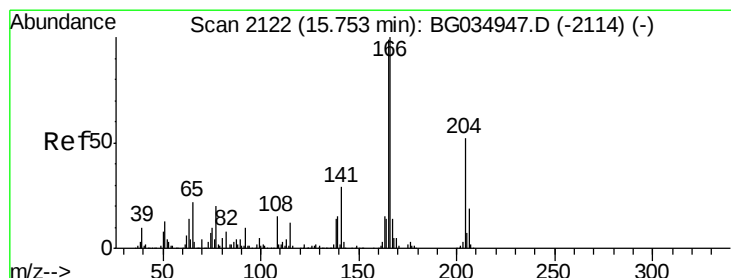
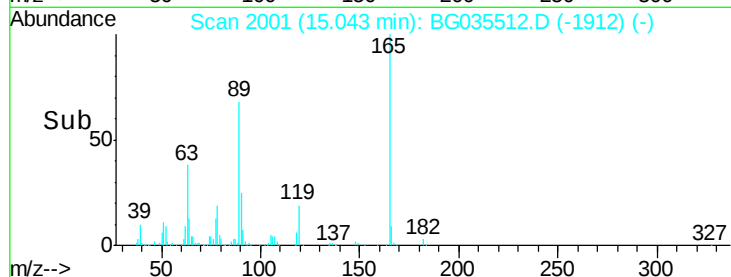
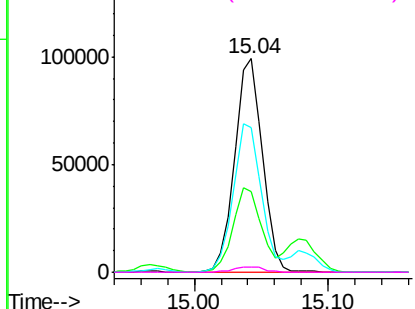
#56
2,4-Dinitrotoluene
Concen: 69.070 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:165 Resp: 143316
Ion Ratio Lower Upper
165 100
63 37.7 42.0 63.0#
89 67.7 66.9 100.3
182 2.6 2.6 3.8

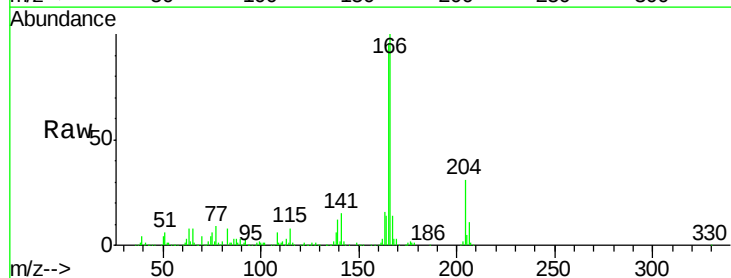


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

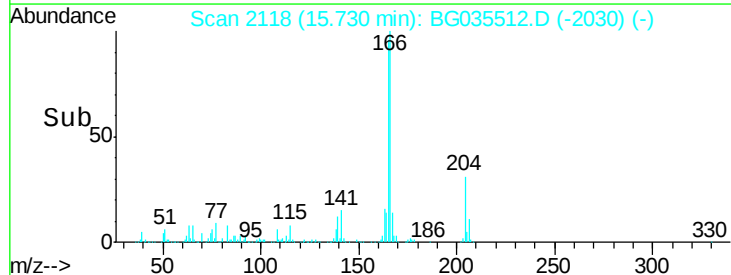
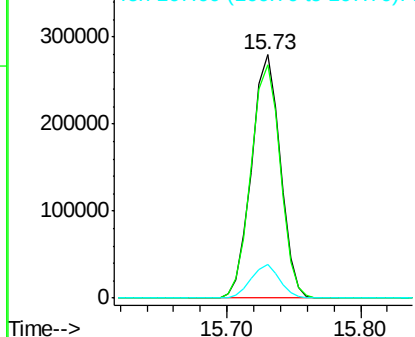


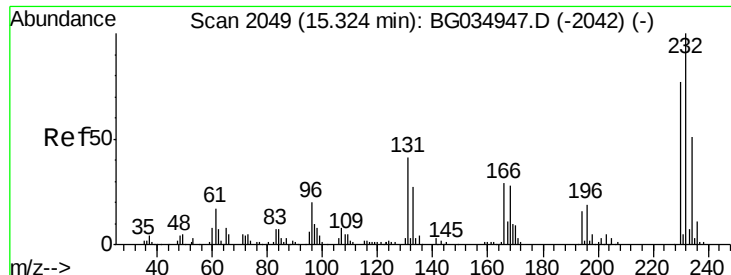
#57
Fluorene
Concen: 50.458 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:166 Resp: 413020
Ion Ratio Lower Upper
166 100
165 95.6 80.6 121.0
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

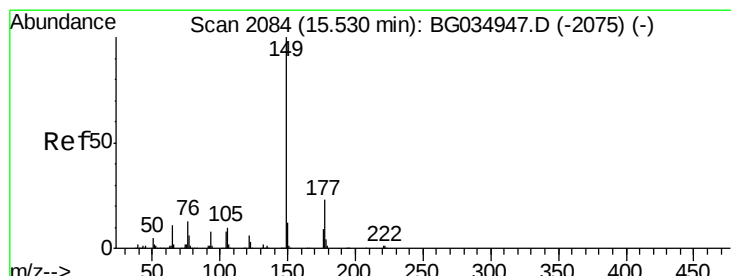
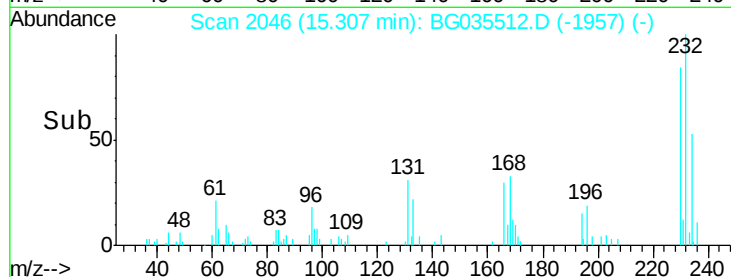
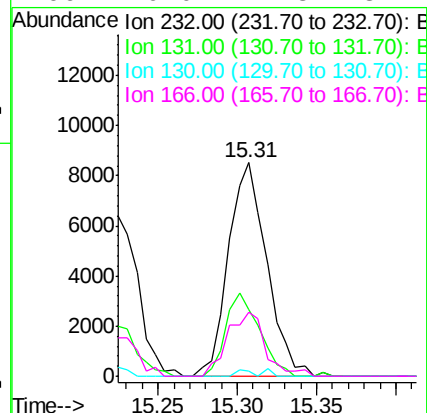
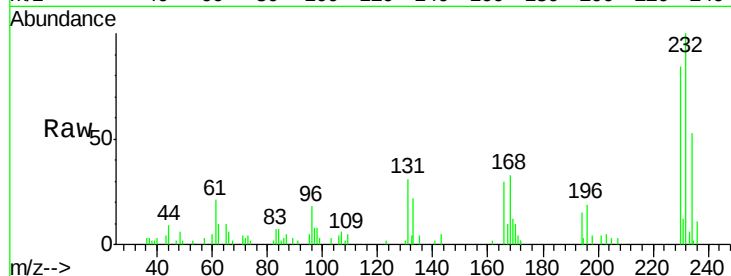




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.109 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

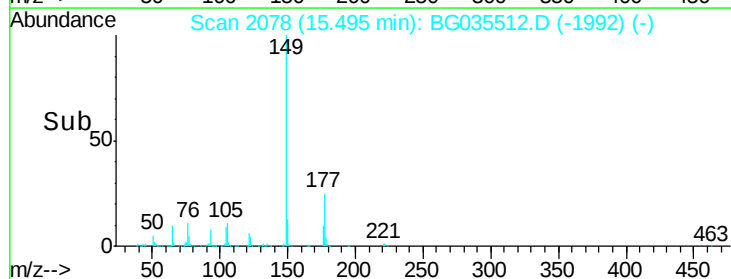
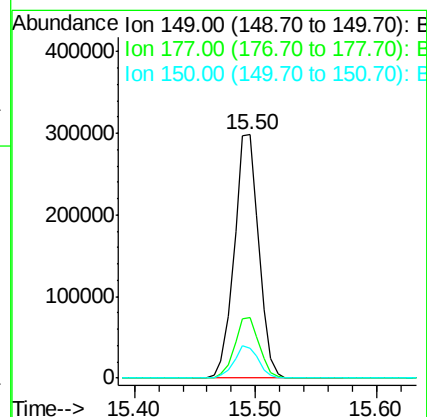
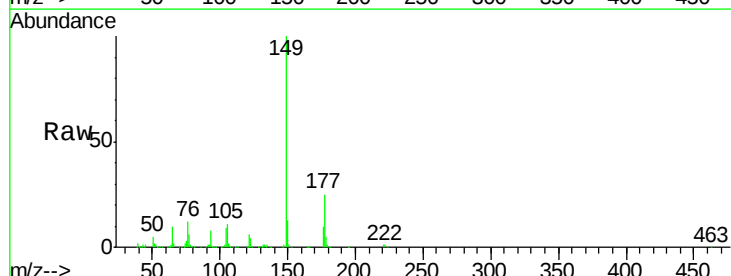
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

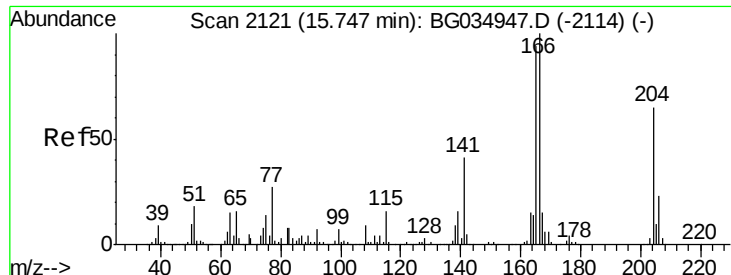
Tgt Ion: 232 Resp: 14264
 Ion Ratio Lower Upper
 232 100
 131 34.3 33.5 50.3
 130 1.1 2.2 3.2#
 166 0.0 24.8 37.2#



#59
 Diethylphthalate
 Concen: 48.015 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion: 149 Resp: 419430
 Ion Ratio Lower Upper
 149 100
 177 25.0 18.5 27.7
 150 12.5 10.2 15.2

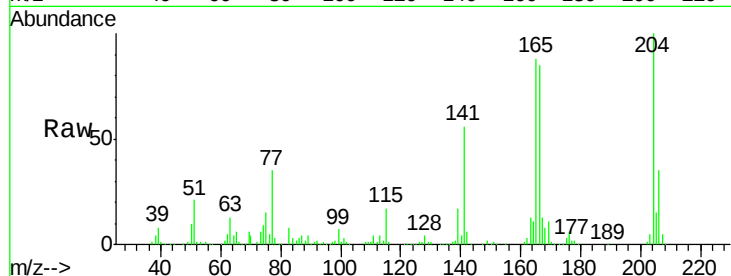




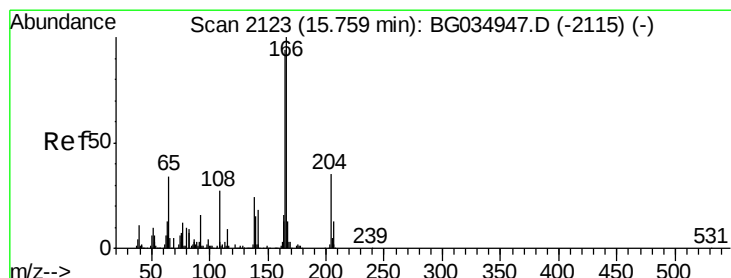
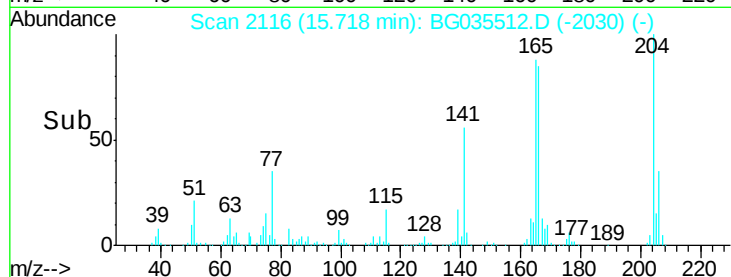
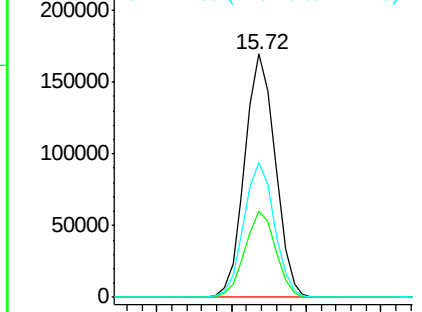
#60
4-Chlorophenyl-phenylether
Concen: 51.237 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:204 Resp: 239153
Ion Ratio Lower Upper
204 100
206 35.2 26.2 39.2
141 55.6 45.8 68.6

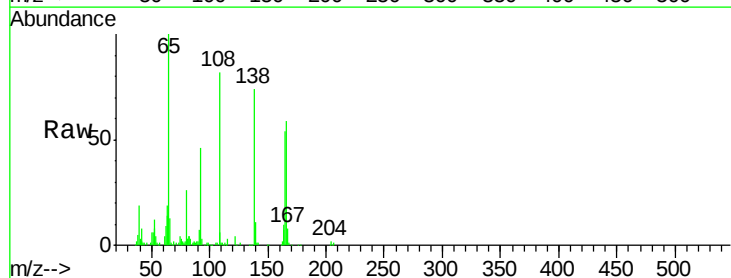


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

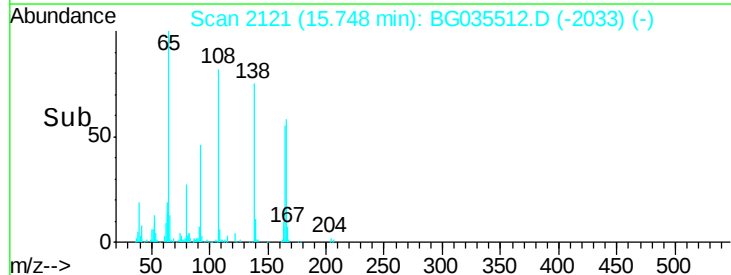
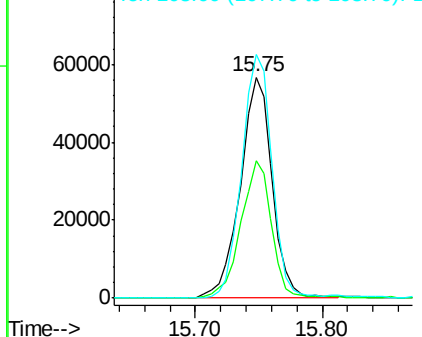


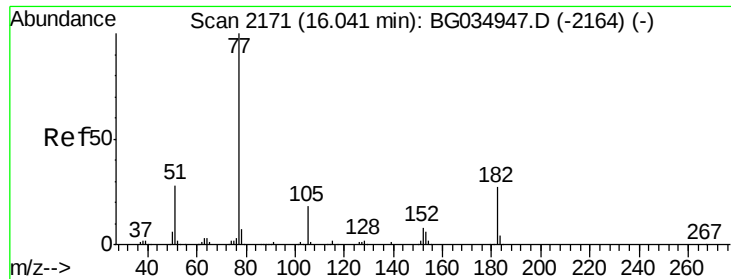
#61
4-Nitroaniline
Concen: 60.117 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:138 Resp: 98818
Ion Ratio Lower Upper
138 100
92 62.3 40.1 80.1
108 110.1 65.4 105.4#



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





#62

Azobenzene

Concen: 48.377 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

Tgt Ion: 77 Resp: 414118

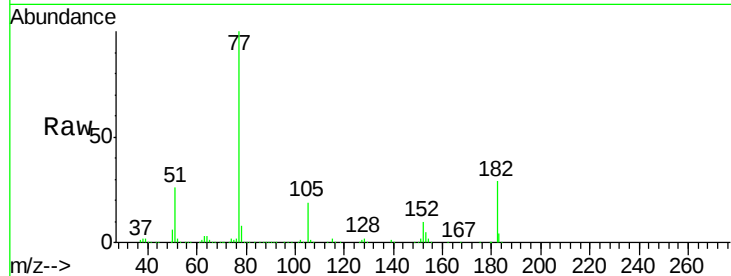
Ion Ratio Lower Upper

77 100

182 28.6 7.4 47.4

105 19.4 0.3 40.3

51 25.7 11.6 51.6

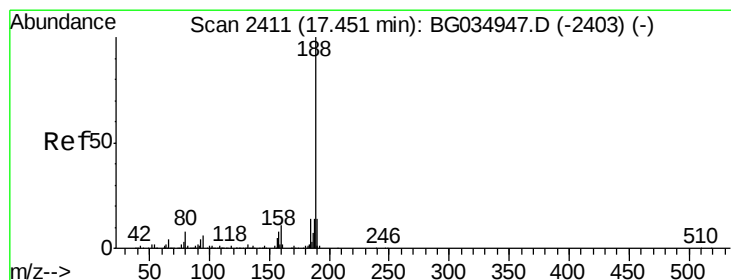
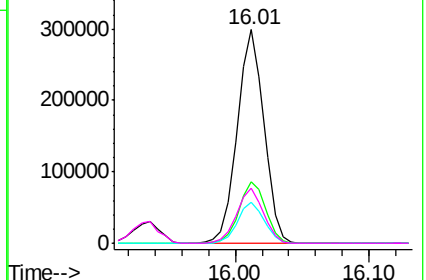
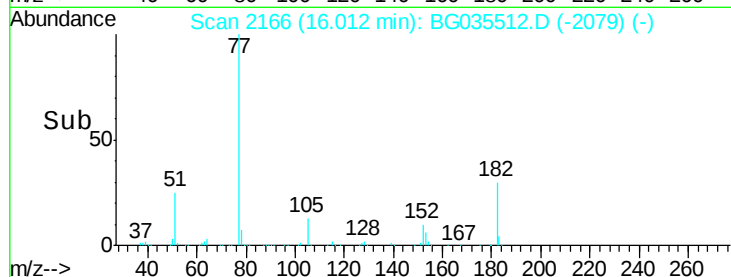


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

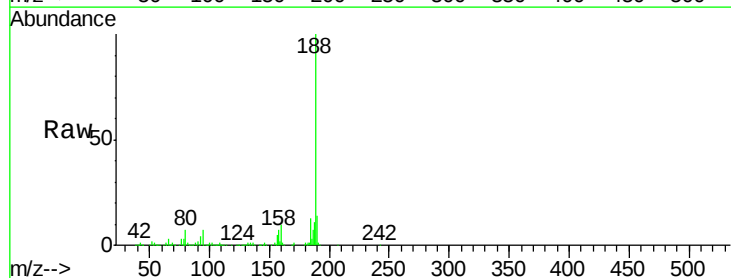
Tgt Ion: 188 Resp: 259642

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

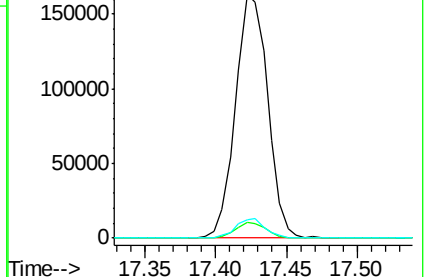
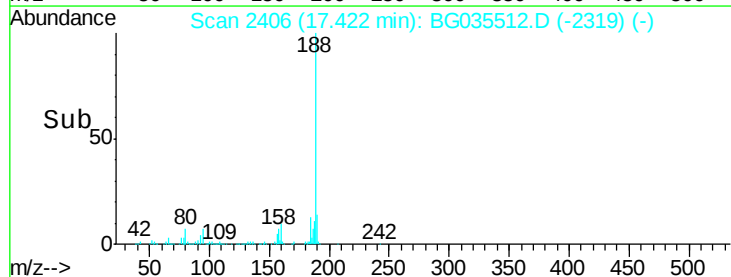
80 7.3 7.7 11.5#

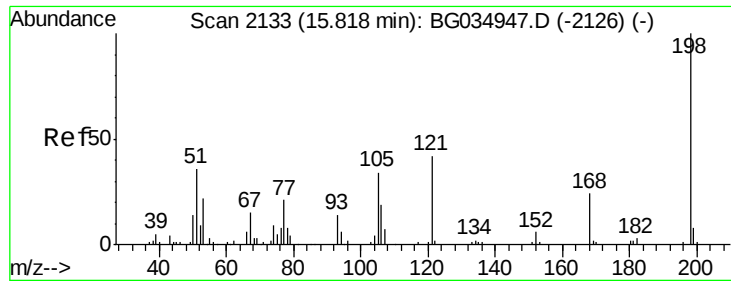


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 3.865 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

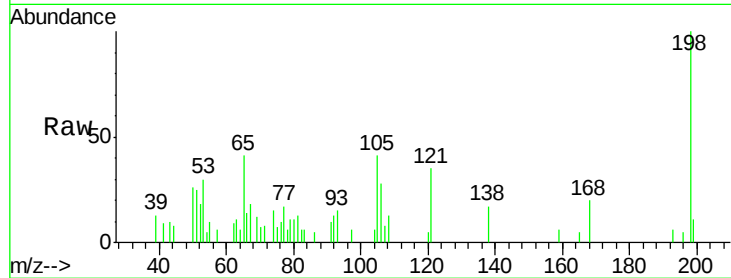
Tgt Ion:198 Resp: 4582

Ion Ratio Lower Upper

198 100

51 25.1 30.6 70.6#

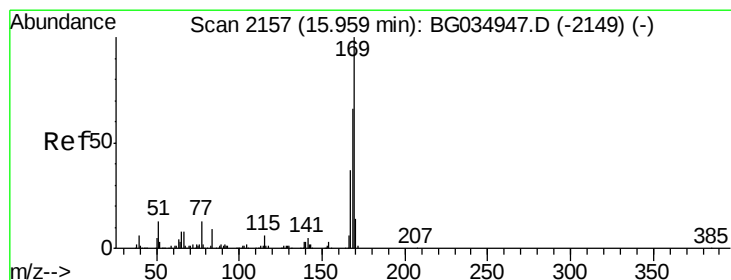
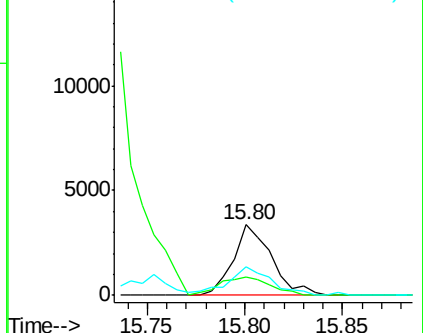
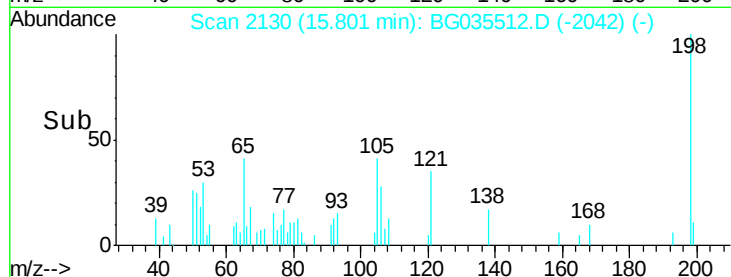
105 40.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.912 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

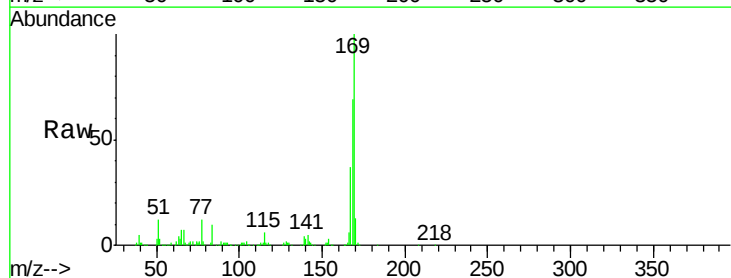
Tgt Ion:169 Resp: 365786

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

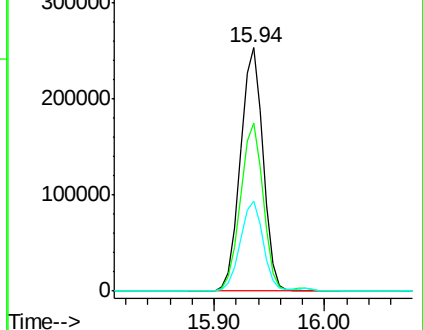
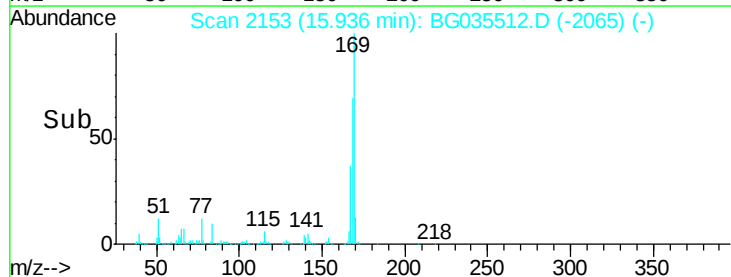
167 37.2 30.1 45.1

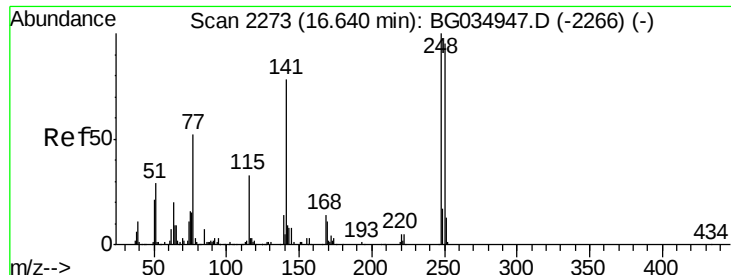


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

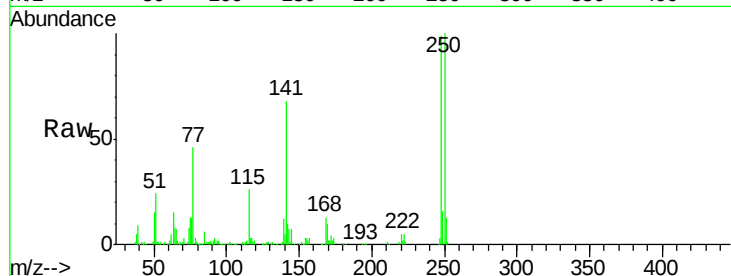




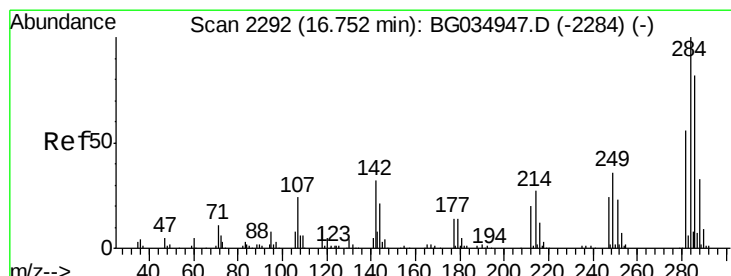
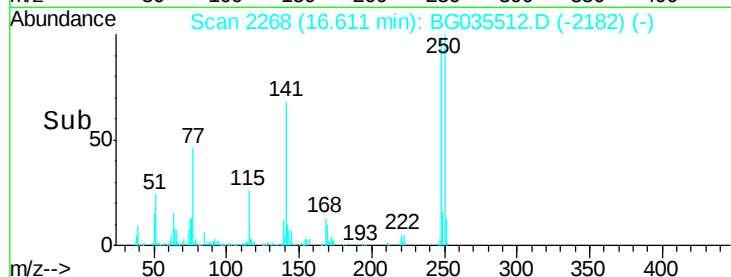
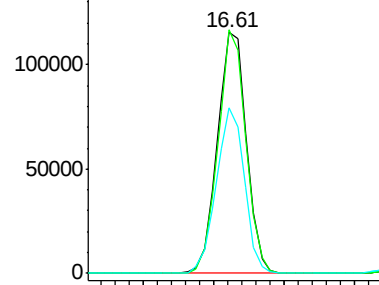
#66
4-Bromophenyl-phenylether
Concen: 53.134 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:248 Resp: 166135
Ion Ratio Lower Upper
248 100
250 101.1 77.1 115.7
141 68.6 50.8 76.2

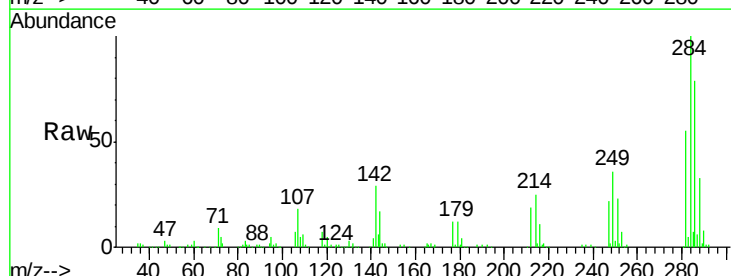


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

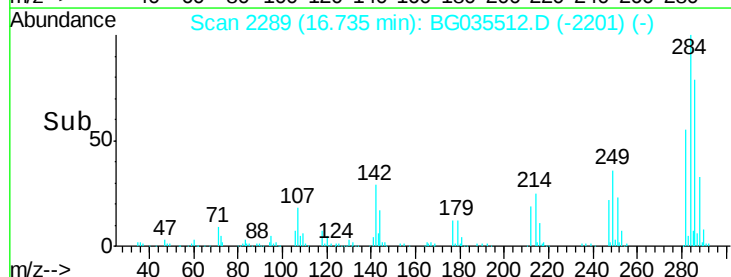
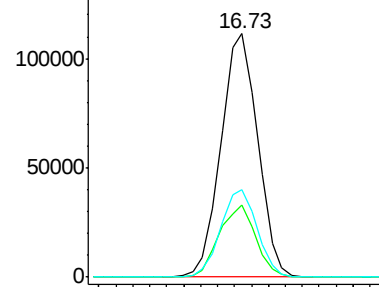


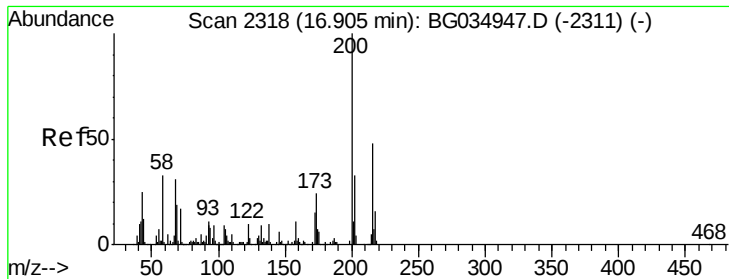
#67
Hexachlorobenzene
Concen: 53.038 ng
RT: 16.73 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:284 Resp: 168792
Ion Ratio Lower Upper
284 100
142 29.5 26.8 40.2
249 35.7 26.3 39.5



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

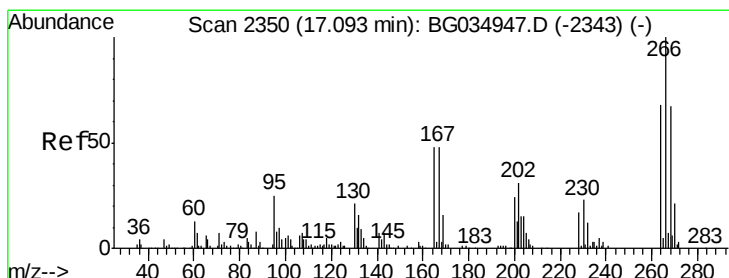
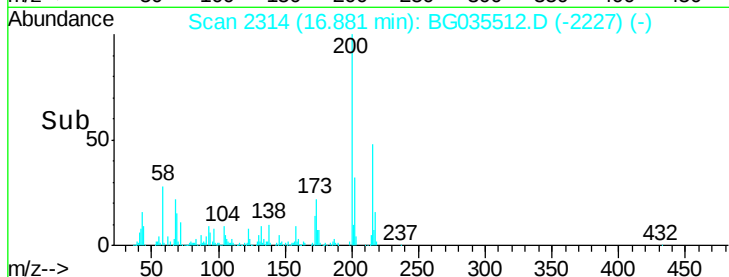
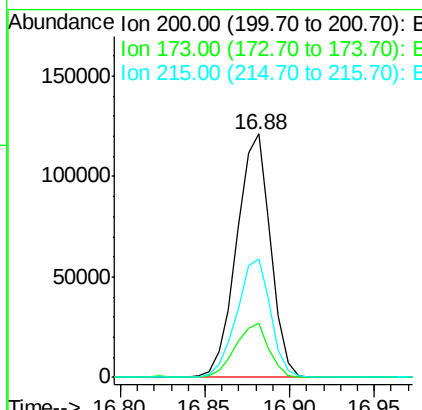
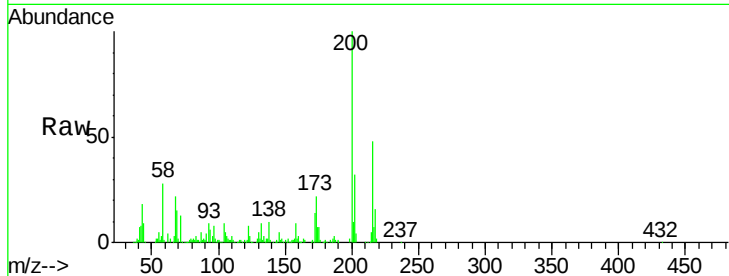




#68
Atrazine
Concen: 50.763 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

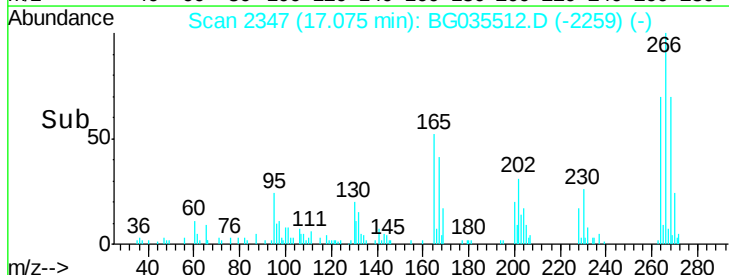
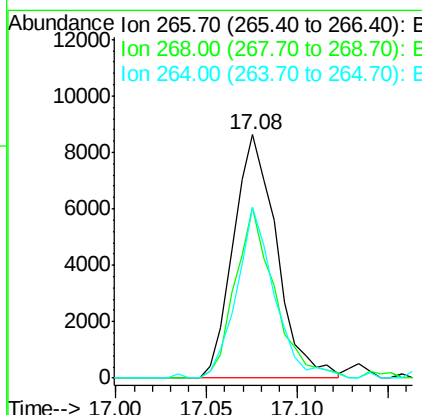
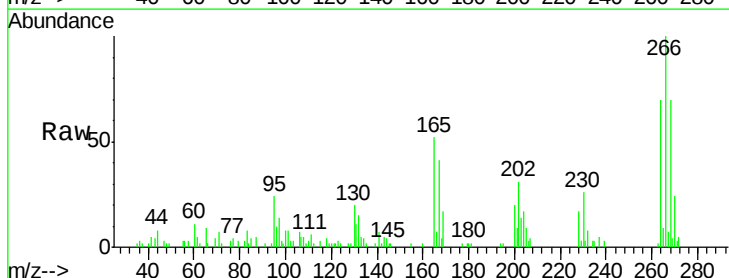
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

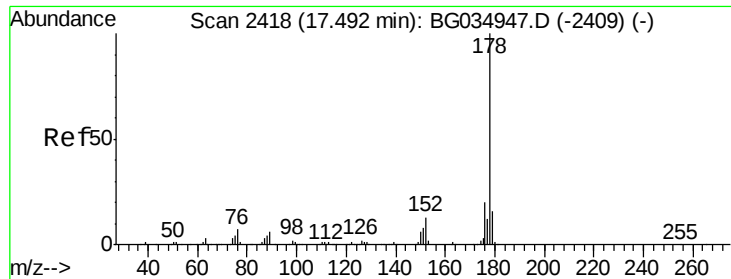
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	5.2	45.2
215	48.3	30.4	70.4



#69
Pentachlorophenol
Concen: 6.706 ng
RT: 17.08 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.3	51.1	76.7
264	70.2	49.6	74.4

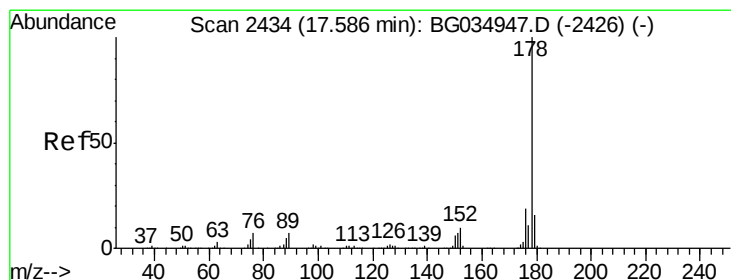
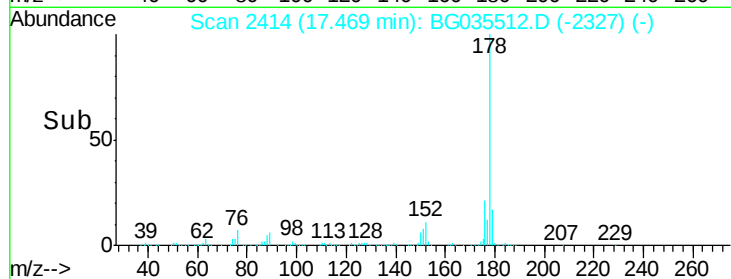
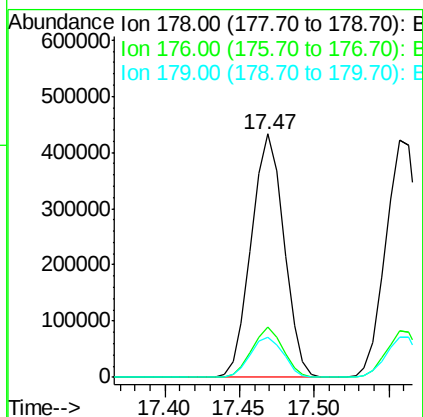
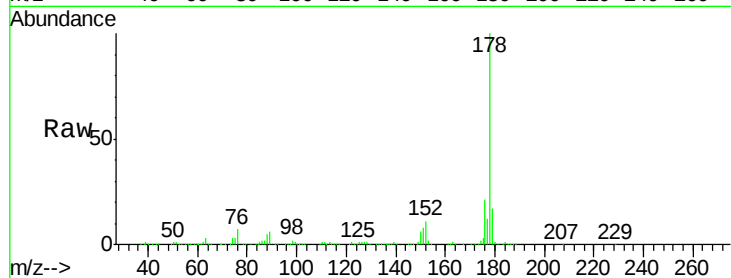




#70
Phenanthrene
Concen: 49.736 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

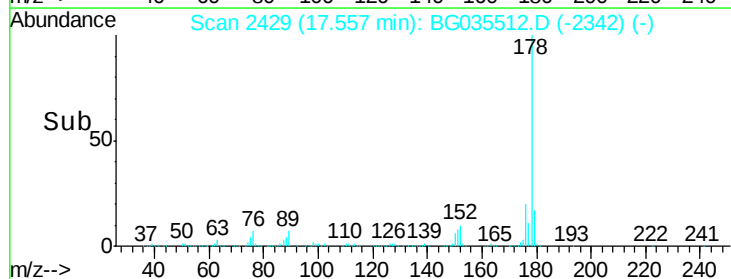
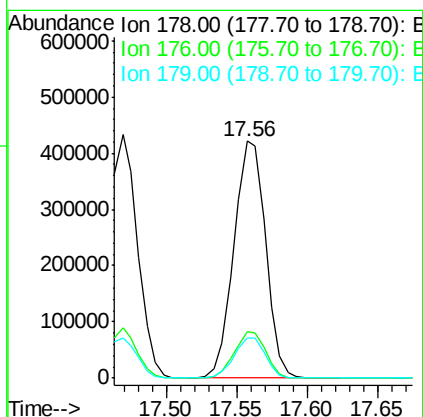
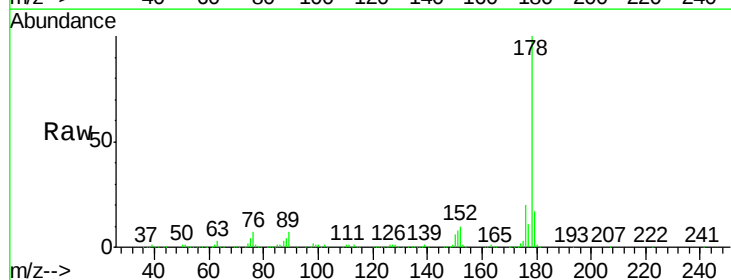
Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

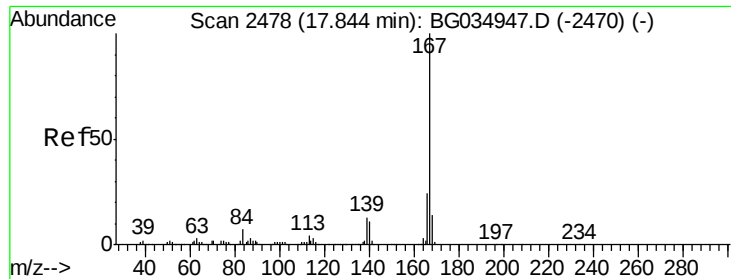
Tgt Ion:178 Resp: 655981
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 16.5 12.5 18.7



#71
Anthracene
Concen: 50.080 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:178 Resp: 661629
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.7 12.5 18.7

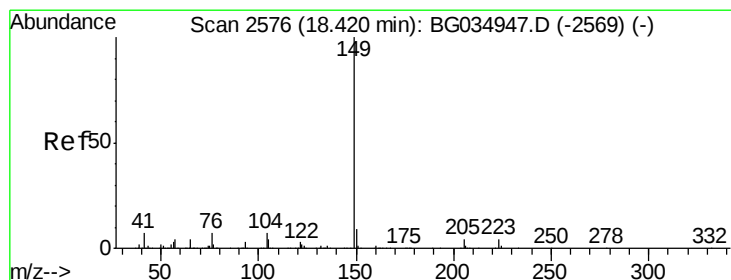
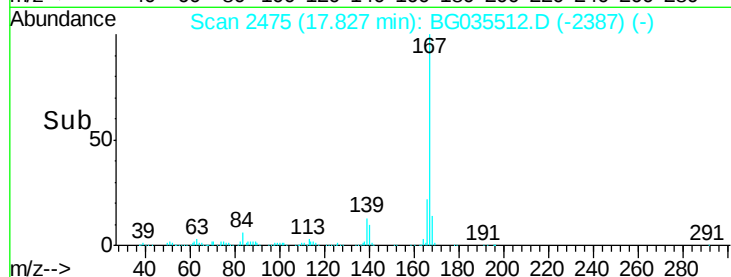
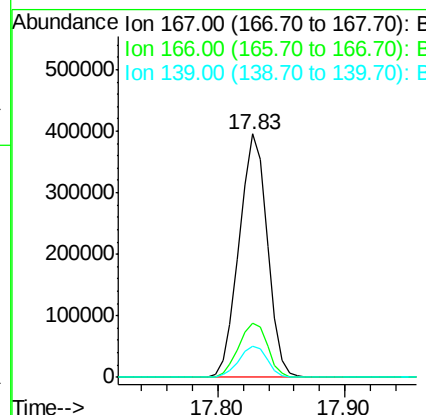
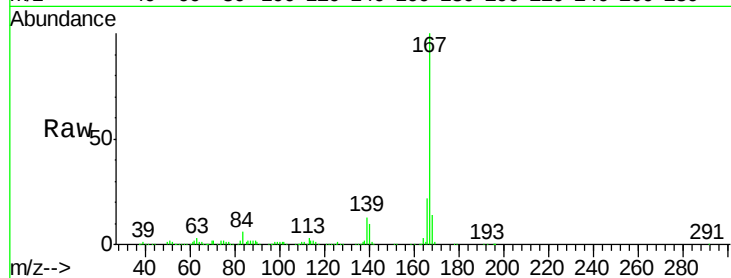




#72
 Carbazole
 Concen: 49.700 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

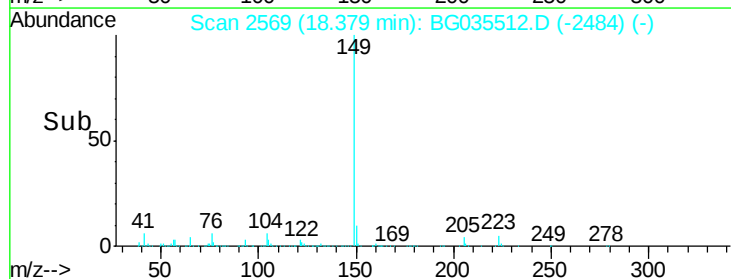
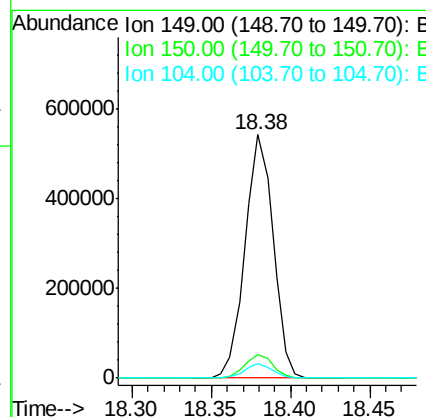
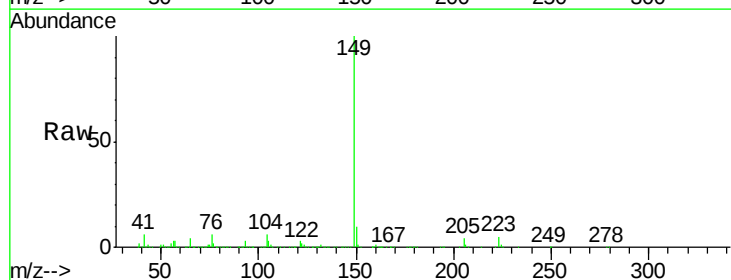
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

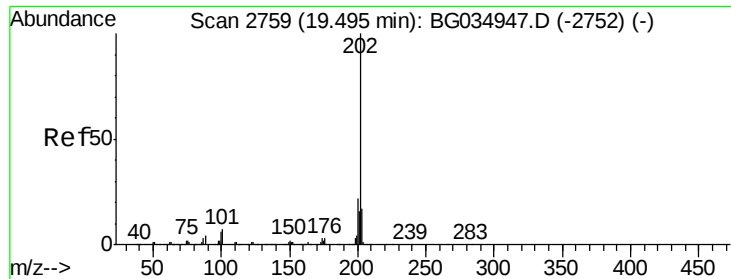
Tgt Ion:167 Resp: 609233
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 13.0 9.4 14.2



#73
 Di-n-butylphthalate
 Concen: 45.839 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.03 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion:149 Resp: 669729
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 6.2 3.9 5.9#

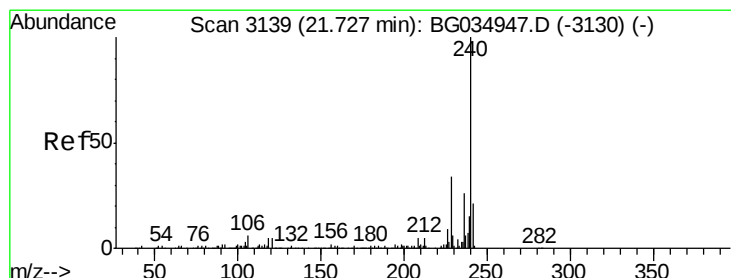
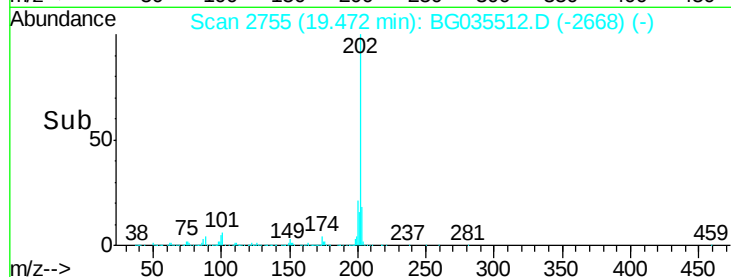
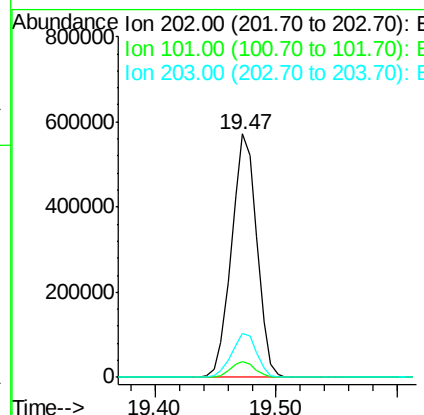
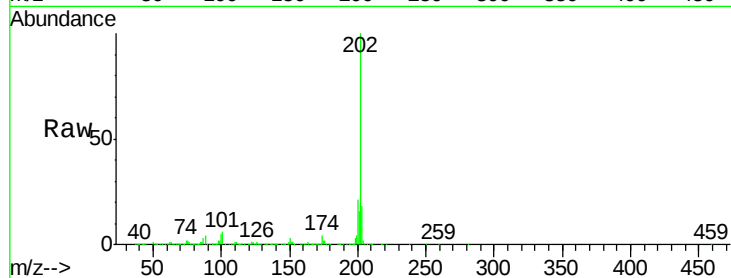




#74
 Fluoranthene
 Concen: 48.383 ng
 RT: 19.47 min Scan# 2755
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

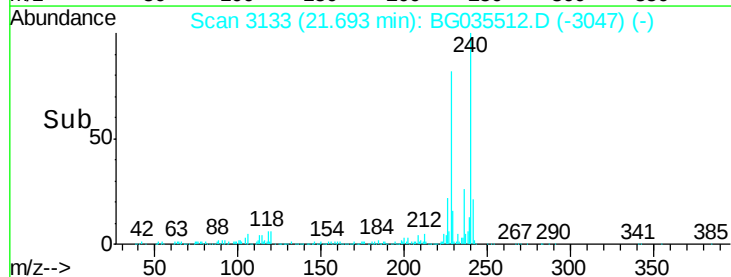
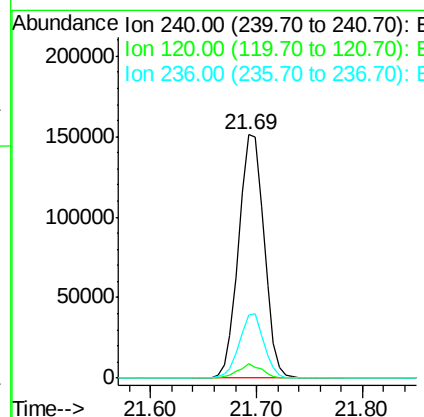
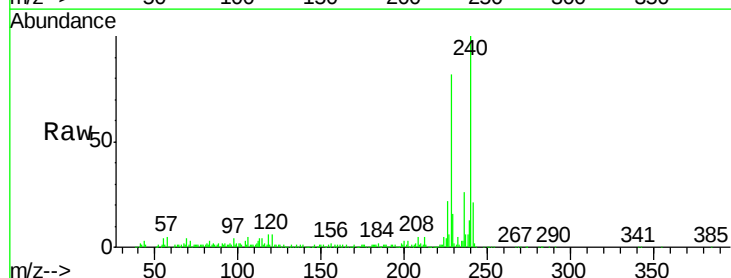
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005MSD

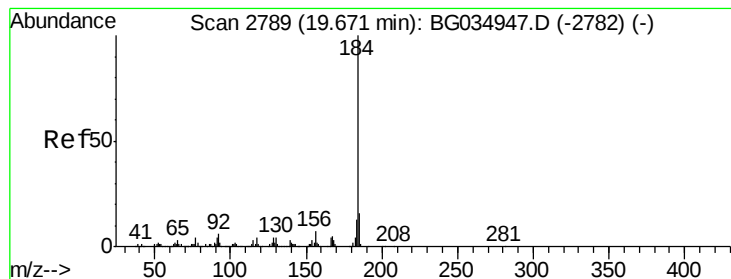
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.9
203	18.1	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035512.D
 Acq: 29 Jun 2018 13:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.0	20.9	31.3





#76

Benzidine

Concen: 37.973 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

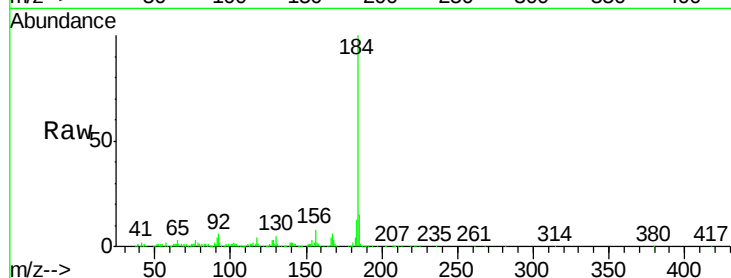
Tgt Ion:184 Resp: 355190

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

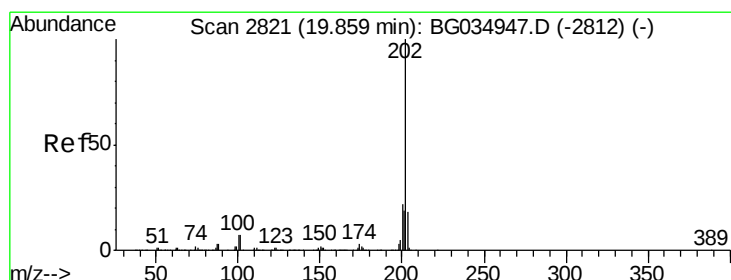
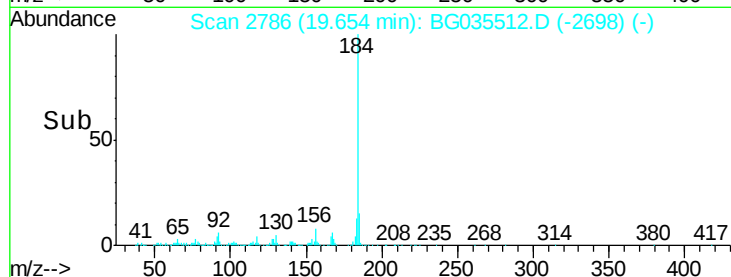
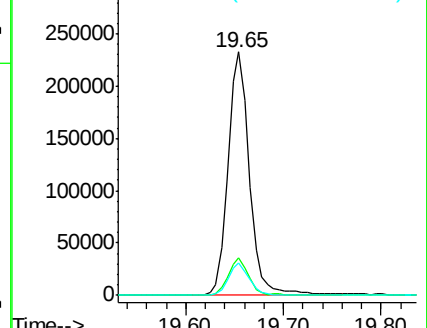
183 13.1 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.148 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

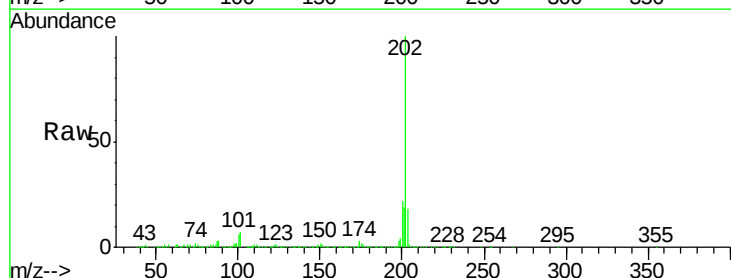
Tgt Ion:202 Resp: 814617

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

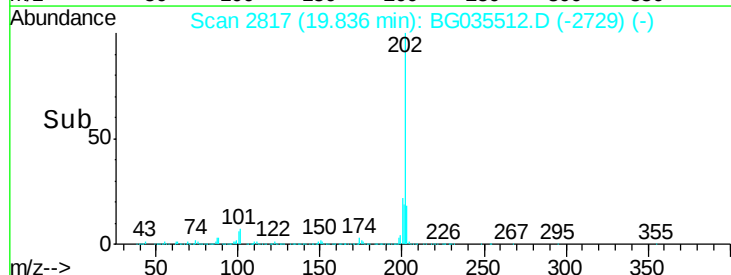
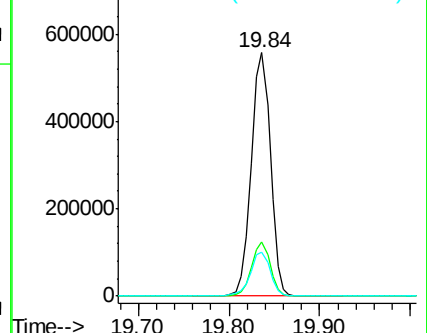
203 18.2 13.9 20.9

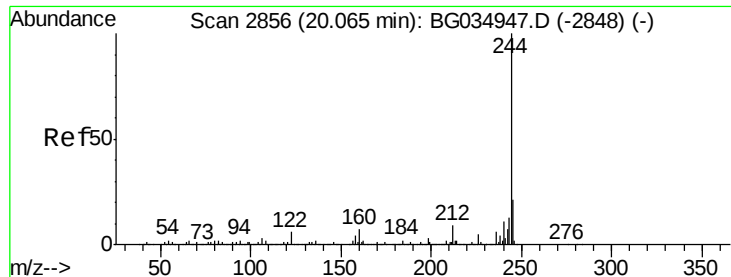


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.972 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

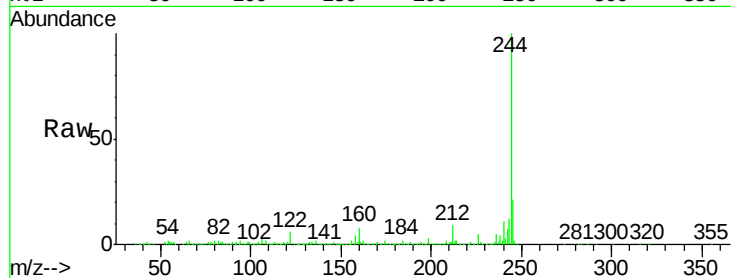
Tgt Ion:244 Resp: 1067925

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

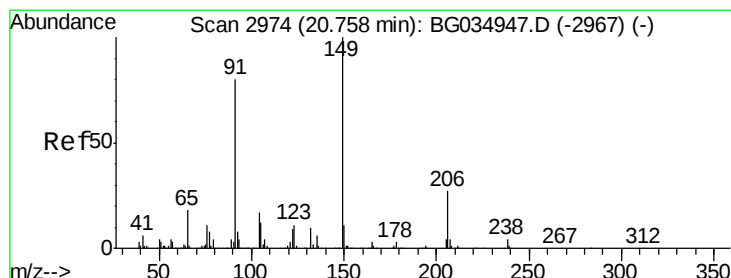
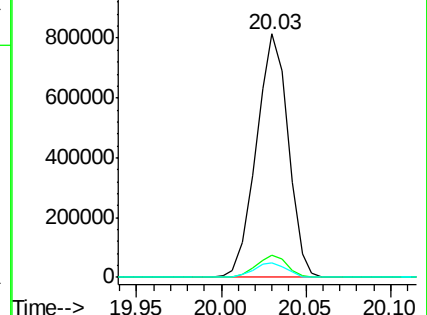
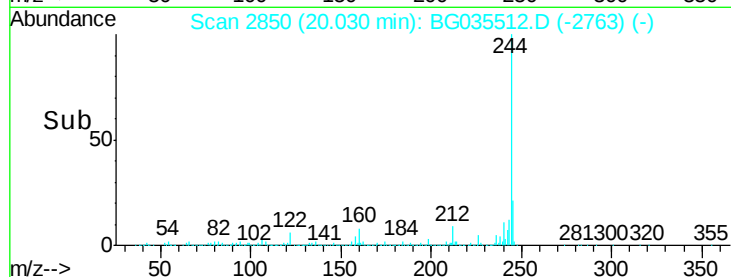
122 6.1 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.122 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

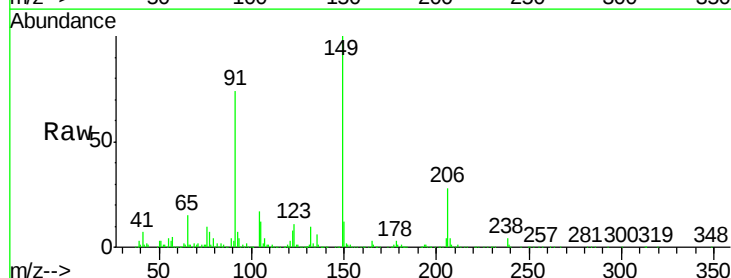
Tgt Ion:149 Resp: 295649

Ion Ratio Lower Upper

149 100

91 74.0 62.2 93.2

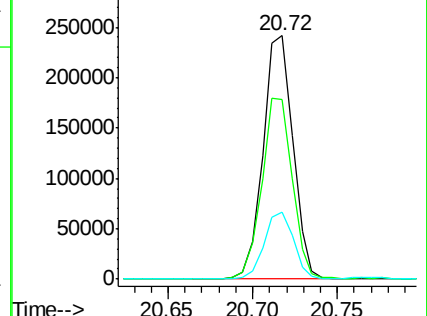
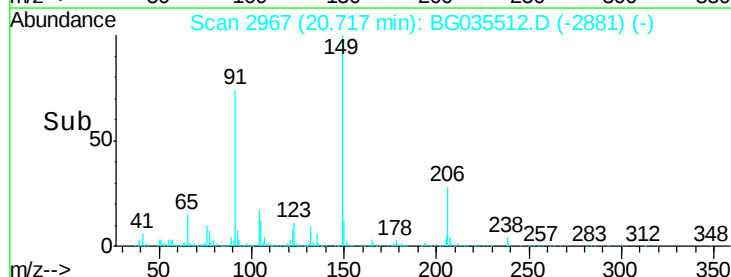
206 27.6 18.6 27.8

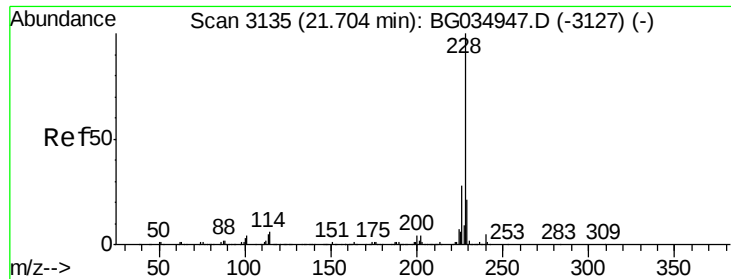


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.970 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

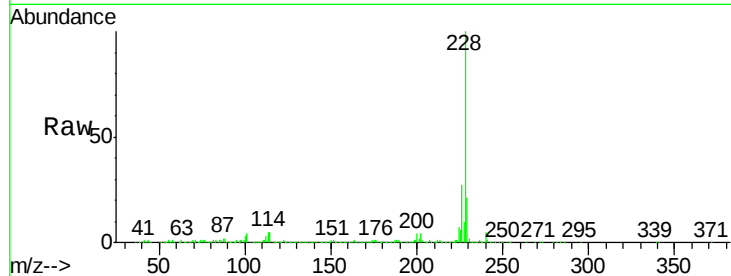
Tgt Ion:228 Resp: 802849

Ion Ratio Lower Upper

228 100

226 27.4 22.7 34.1

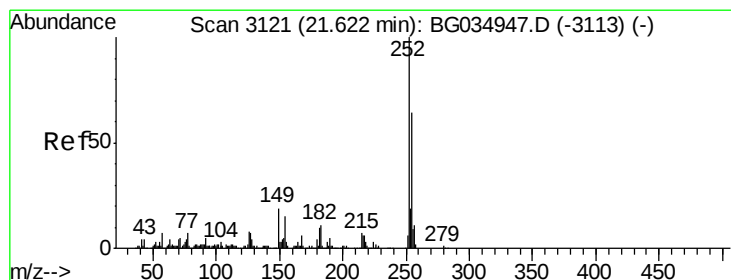
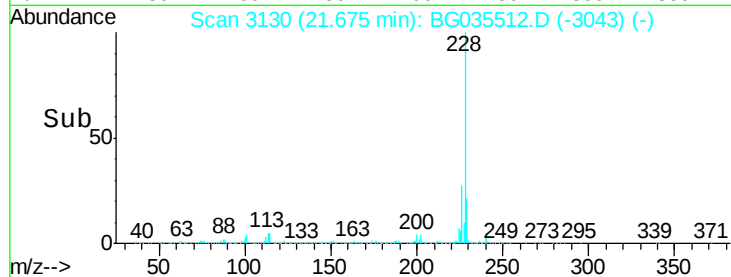
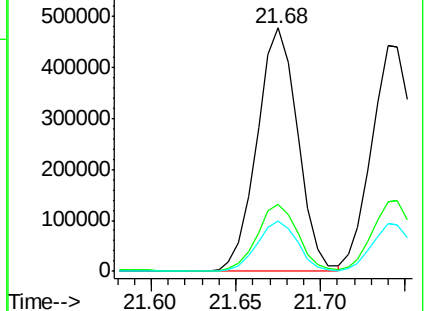
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.250 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

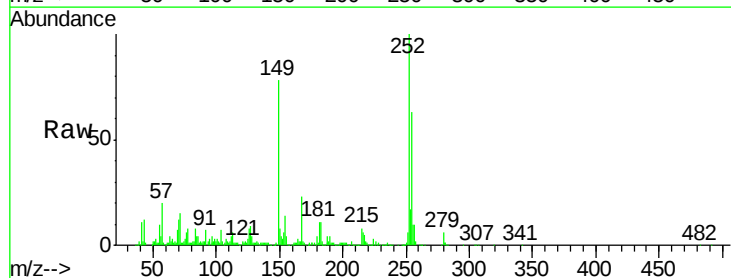
Tgt Ion:252 Resp: 231211

Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

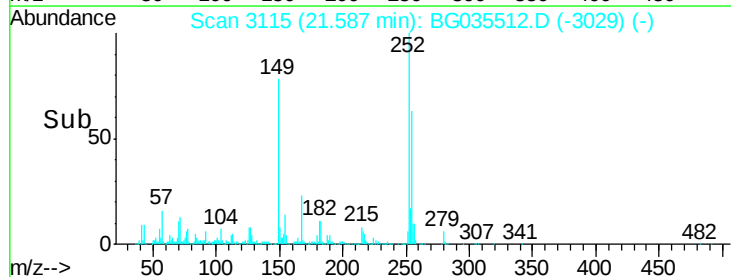
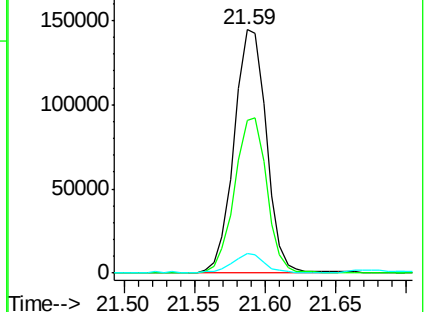
126 8.1 7.4 11.2

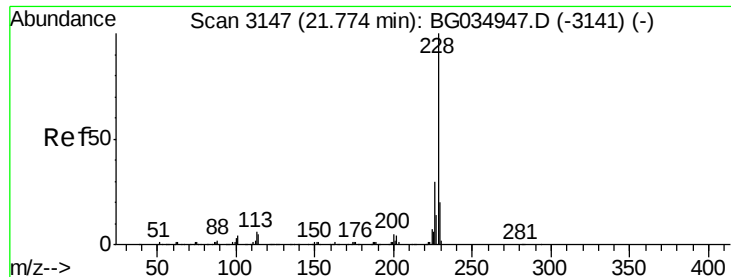


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.350 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

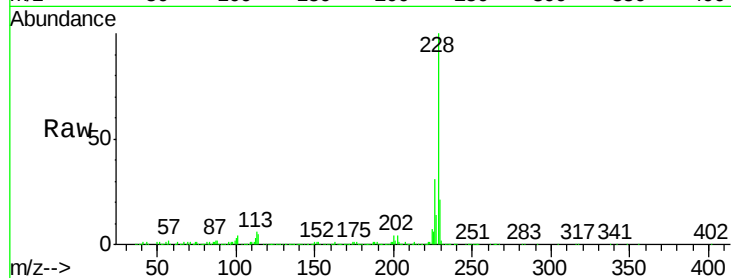
Tgt Ion:228 Resp: 755369

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

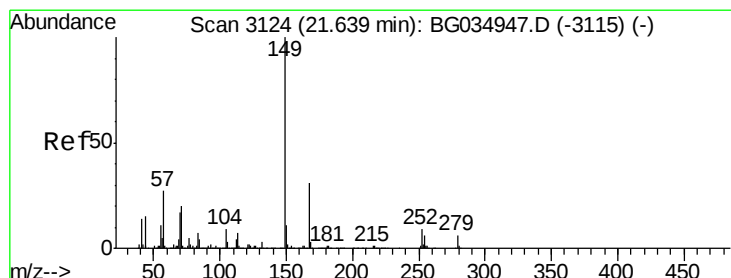
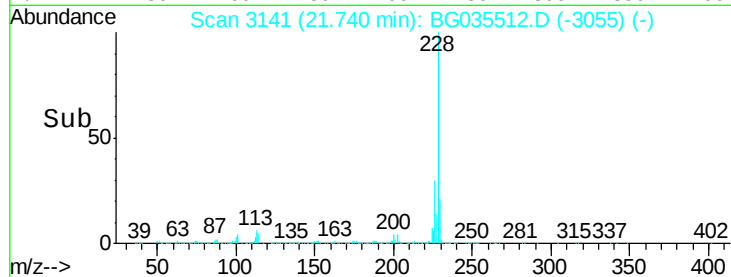
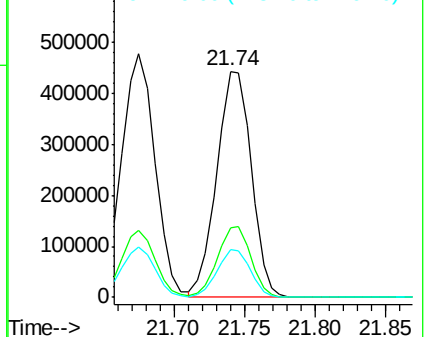
229 20.9 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.982 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.04 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

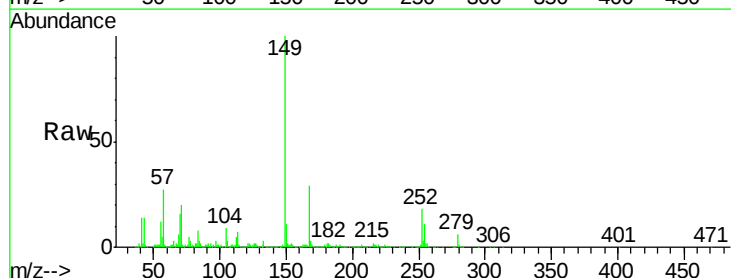
Tgt Ion:149 Resp: 408055

Ion Ratio Lower Upper

149 100

167 29.1 24.3 36.5

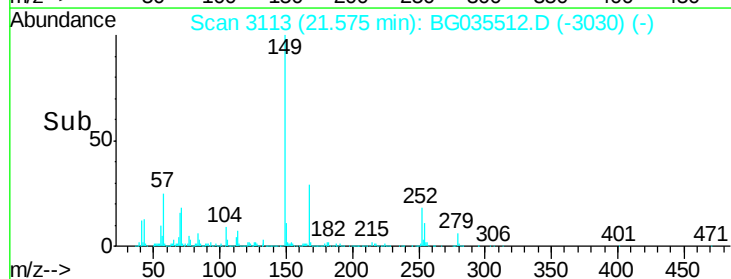
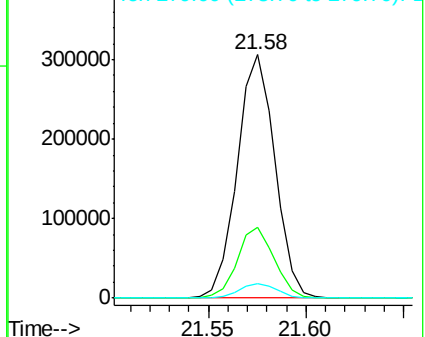
279 5.7 4.0 6.0

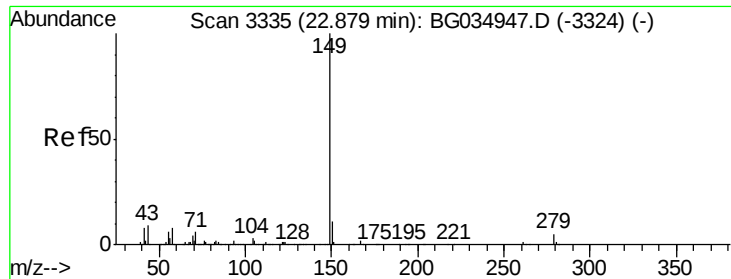


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

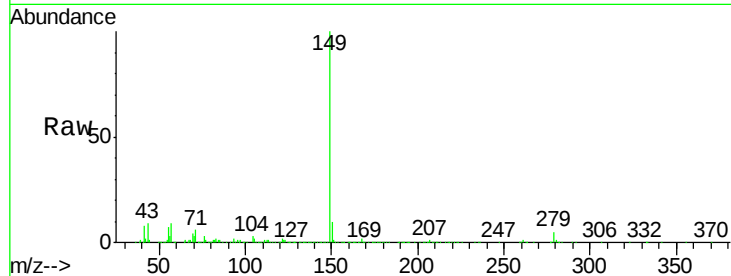




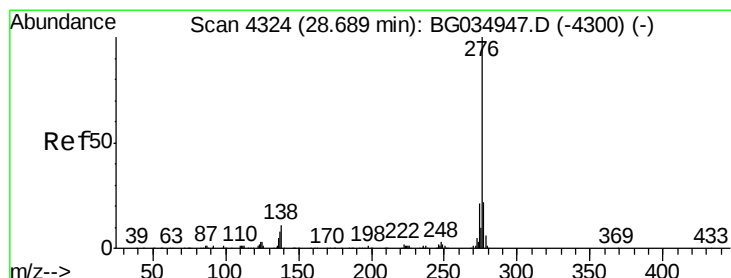
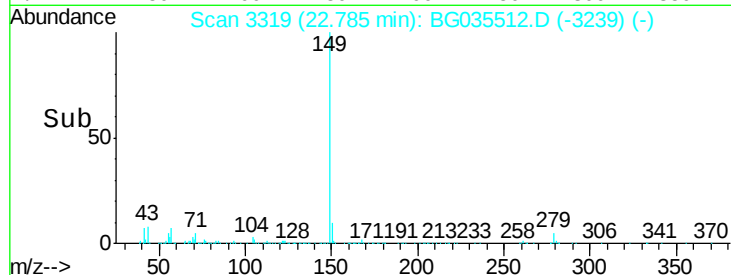
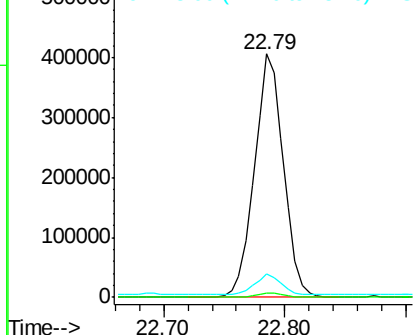
#84
Di-n-octyl phthalate
Concen: 46.311 ng
RT: 22.79 min Scan# 3319
Delta R.T. -0.06 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion:149 Resp: 675687
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 8.0 8.9 13.3#

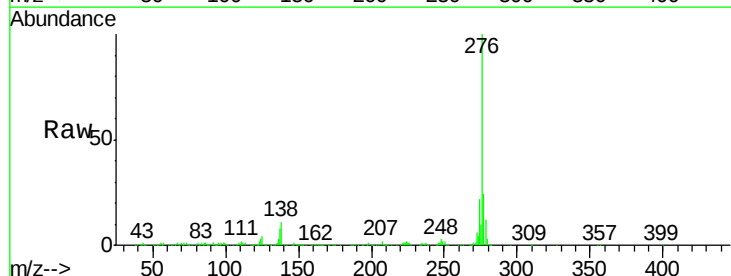


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

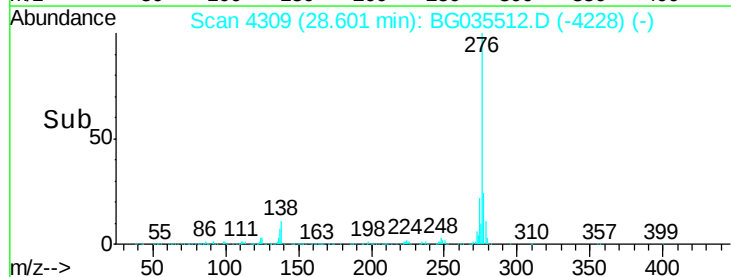
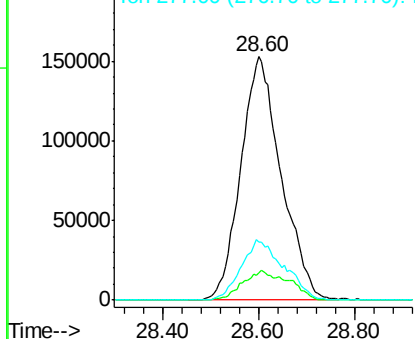


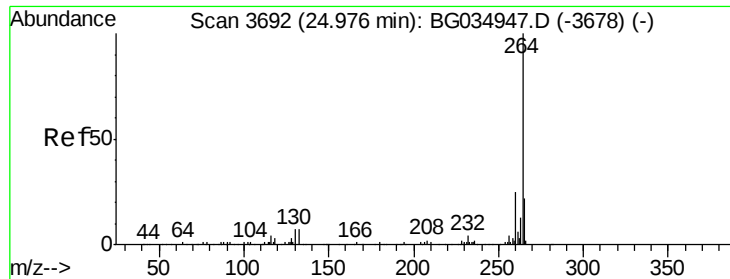
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.859 ng
RT: 28.60 min Scan# 4309
Delta R.T. -0.05 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion:276 Resp: 893447
Ion Ratio Lower Upper
276 100
138 13.9 16.0 24.0#
277 26.2 20.0 30.0



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



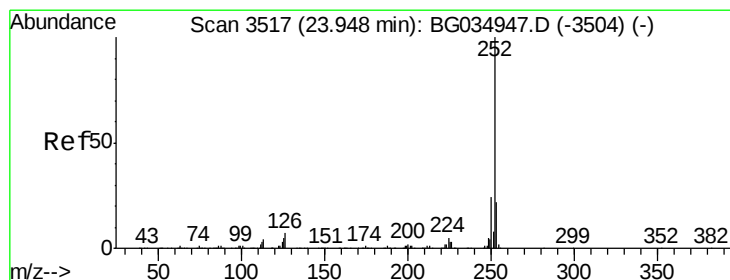
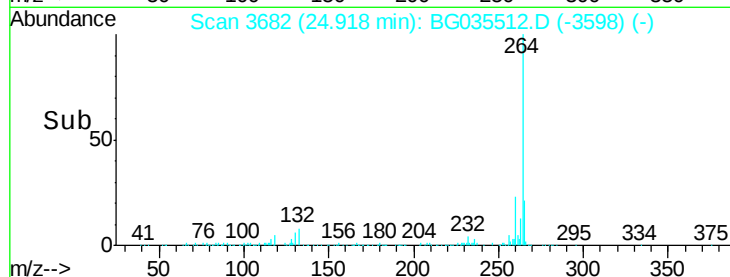
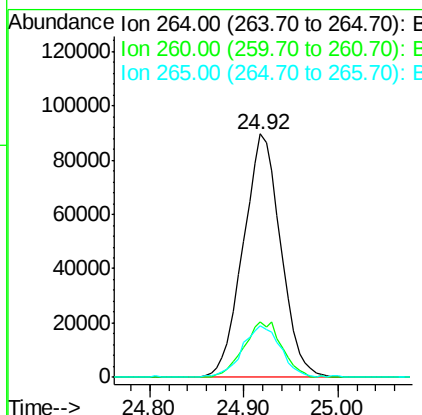
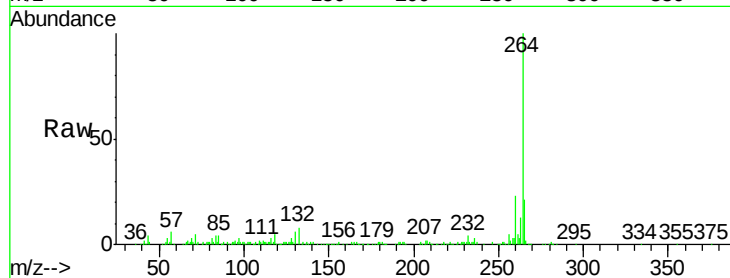


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Instrument :
BNA_G
ClientSampleId :
S39-9005MSD

Tgt Ion: 264 Resp: 247748

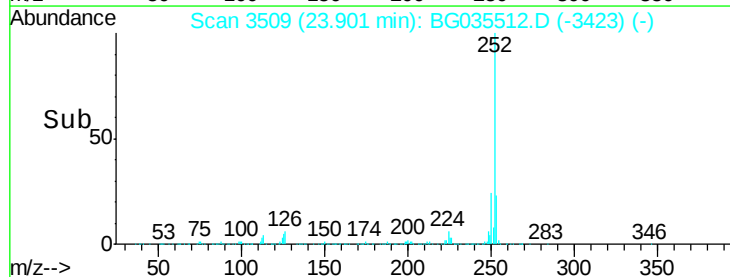
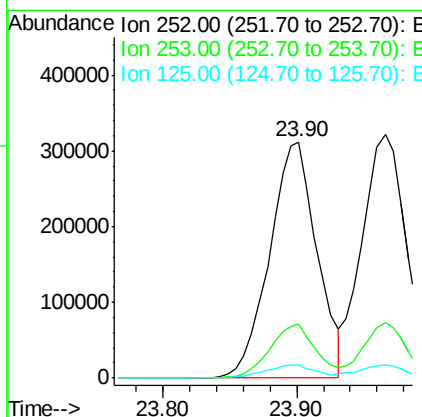
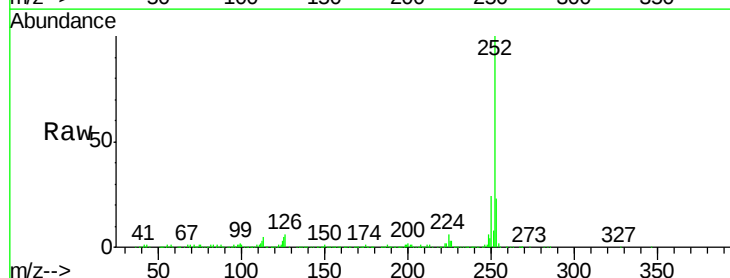
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.0	17.7	26.5

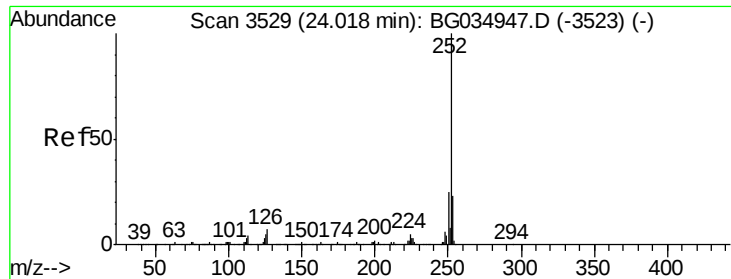


#87
Benzo(b)fluoranthene
Concen: 50.169 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.02 min
Lab File: BG035512.D
Acq: 29 Jun 2018 13:38

Tgt Ion: 252 Resp: 765419

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	5.4	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 49.402 ng

RT: 23.97 min Scan# 3520

Delta R.T. -0.03 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

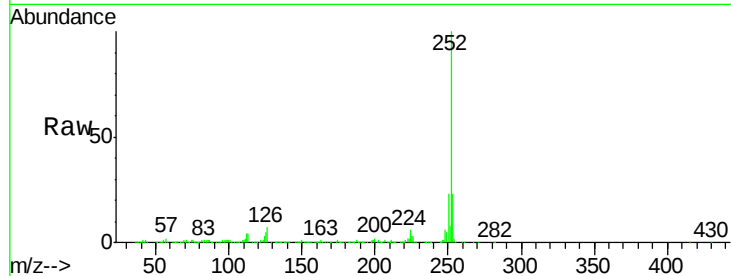
Tgt Ion:252 Resp: 737308

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

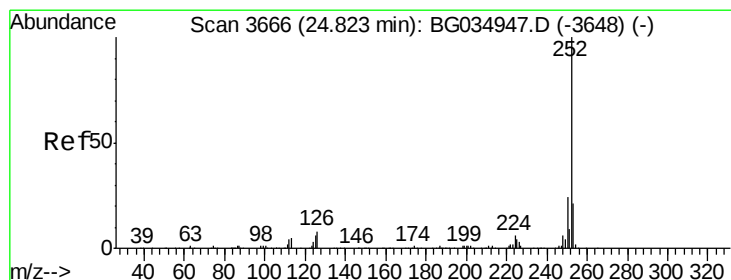
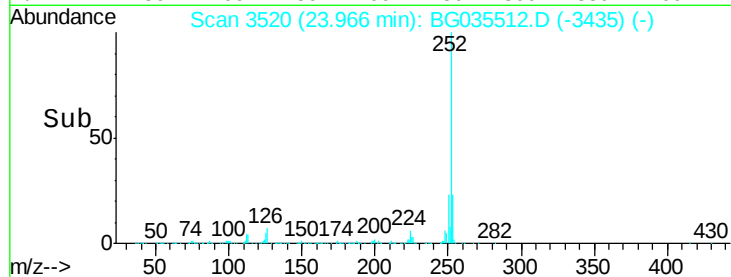
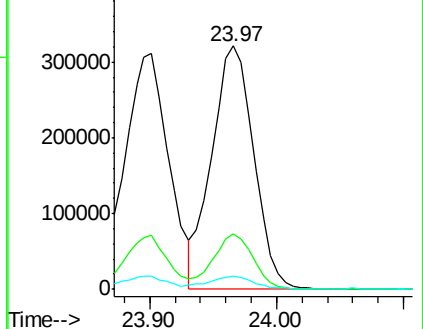
125 5.5 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 52.211 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

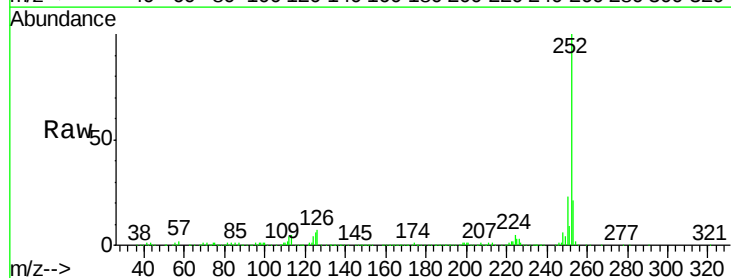
Tgt Ion:252 Resp: 749564

Ion Ratio Lower Upper

252 100

253 20.6 18.3 27.5

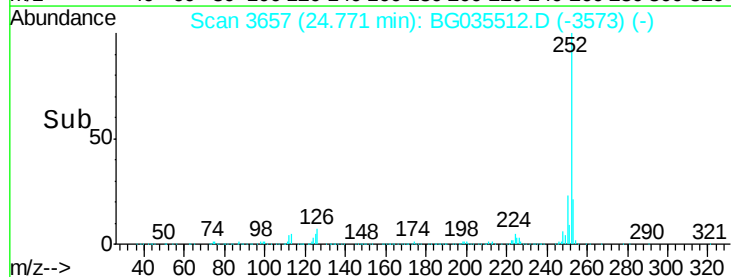
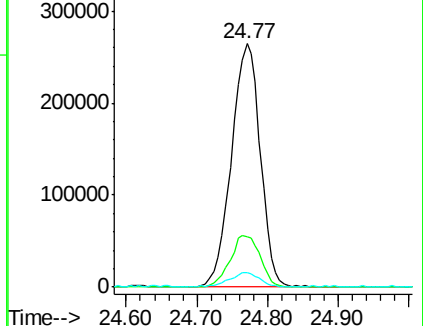
125 5.9 7.3 10.9#

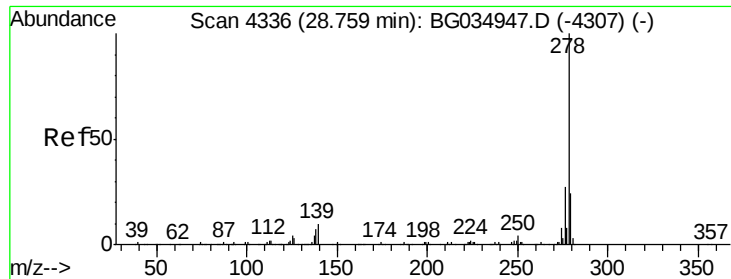


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 51.595 ng

RT: 28.67 min Scan# 4320

Delta R.T. -0.06 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Instrument :

BNA_G

ClientSampleId :

S39-9005MSD

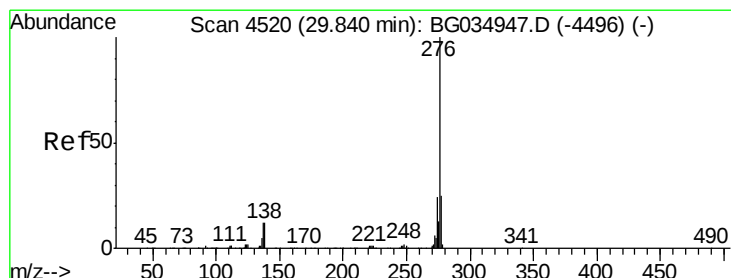
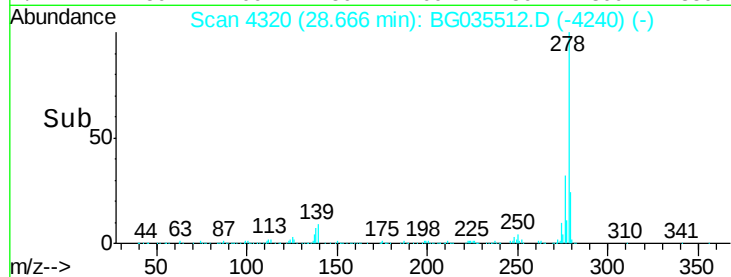
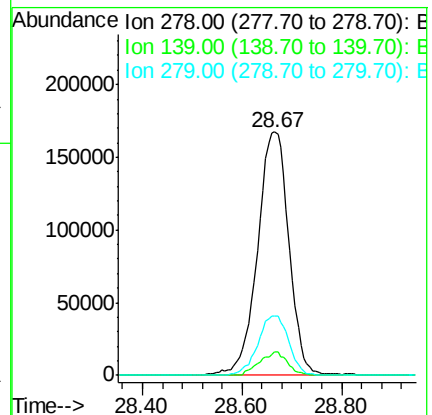
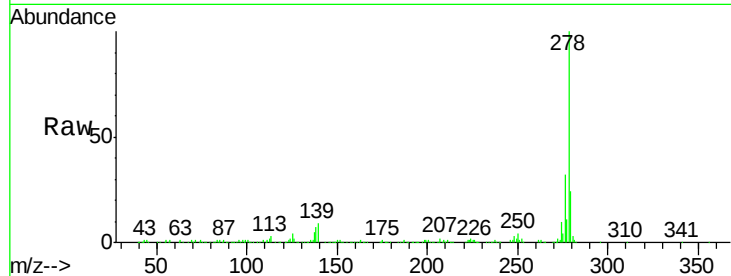
Tgt Ion:278 Resp: 731211

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

279 24.3 18.4 27.6



#91

Benzo(g,h,i)perylene

Concen: 54.875 ng

RT: 29.76 min Scan# 4506

Delta R.T. -0.05 min

Lab File: BG035512.D

Acq: 29 Jun 2018 13:38

Tgt Ion:276 Resp: 761084

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 11.5 13.9 20.9#

