

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041312.D
 Acq On : 19 Jun 2019 00:26
 Operator : HP/JU
 Sample : K3419-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

Quant Time: Jun 19 05:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39837	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	150435	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	105724	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	265647	20.00	ng	0.00
76) Chrysene-d12	21.74	240	273111	20.00	ng	0.00
87) Perylene-d12	25.05	264	288918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	279079	128.72	ng	0.00
7) Phenol-d6	7.23	99	409310	130.24	ng	0.00
23) Nitrobenzene-d5	9.26	82	288767	80.73	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	210980	129.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	653546	84.02	ng	0.00
79) Terphenyl-d14	20.06	244	1136097	82.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	26411	24.293	ng	94
3) Pyridine	3.88	79	64068	22.214	ng	93
4) n-Nitrosodimethylamine	3.81	42	48870	31.774	ng	89
6) Aniline	7.40	93	84556	19.357	ng	98
8) 2-Chlorophenol	7.64	128	89656	35.193	ng	99
9) Benzaldehyde	7.22	77	83151	41.367	ng	96
10) Phenol	7.26	94	123332	36.494	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	79638	31.057	ng	92
12) 1,3-Dichlorobenzene	7.97	146	96602	30.285	ng	94
13) 1,4-Dichlorobenzene	8.11	146	97065	29.790	ng	97
14) 1,2-Dichlorobenzene	8.43	146	93092	29.912	ng	97
15) Benzyl Alcohol	8.32	79	99427	33.021	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	127378	30.345	ng	98
17) 2-Methylphenol	8.52	107	82616	34.194	ng	94
18) Hexachloroethane	9.16	117	37933	29.379	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	79156	31.142	ng	95
20) 3+4-Methylphenols	8.85	107	111994	34.820	ng	96
22) Acetophenone	8.91	105	147275	33.642	ng	# 99
24) Nitrobenzene	9.30	77	125938	35.007	ng	97
25) Isophorone	9.82	82	223139	34.002	ng	99
26) 2-Nitrophenol	10.01	139	52220	35.804	ng	98
27) 2,4-Dimethylphenol	10.06	122	87366	39.962	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	115207	33.693	ng	96
29) 2,4-Dichlorophenol	10.55	162	103378	38.137	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	112912	32.523	ng	98
31) Naphthalene	10.95	128	280115	34.261	ng	98
32) Benzoic acid	10.15	122	8720	6.127	ng	93
33) 4-Chloroaniline	11.06	127	63687	18.341	ng	94
34) Hexachlorobutadiene	11.21	225	85941	31.186	ng	98
35) Caprolactam	11.85	113	33162	35.536	ng	90
36) 4-Chloro-3-methylphenol	12.17	107	114917	36.702	ng	99
37) 2-Methylnaphthalene	12.55	142	209136	34.730	ng	99
38) 1-Methylnaphthalene	12.77	142	200608	34.820	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	155797	35.687	ng	99

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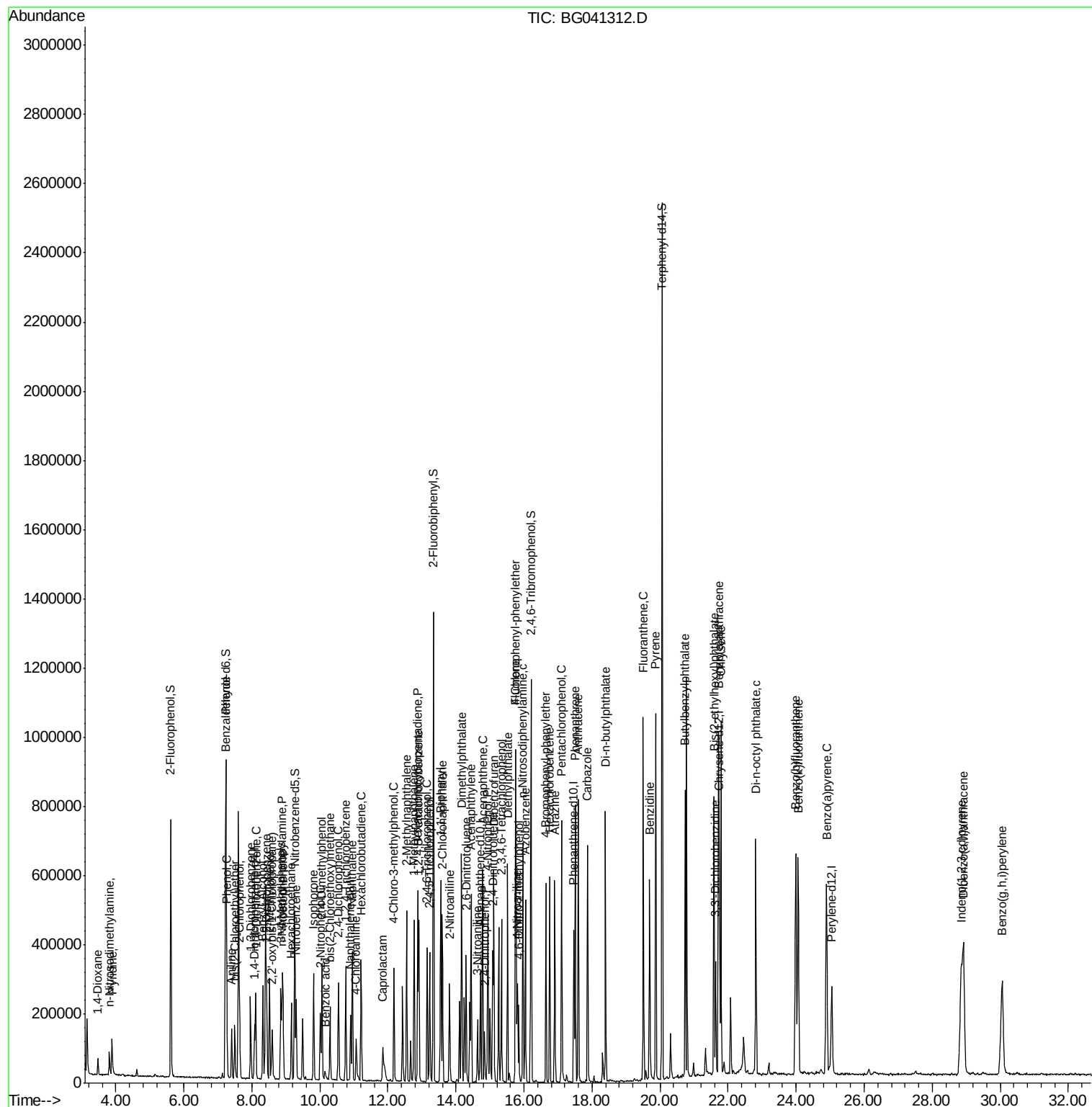
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	166587	56.649	ng	95
43) 2,4,6-Trichlorophenol	13.16	196	98868	36.609	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	105059	37.807	ng	98
46) 1,1'-Biphenyl	13.55	154	288002	36.033	ng	99
47) 2-Chloronaphthalene	13.60	162	240603	34.965	ng	98
48) 2-Nitroaniline	13.81	65	85562	33.951	ng	98
49) Acenaphthylene	14.44	152	375408	35.952	ng	99
50) Dimethylphthalate	14.17	163	397776	42.286	ng	99
51) 2,6-Dinitrotoluene	14.30	165	71294	35.944	ng	96
52) Acenaphthene	14.78	154	215357	35.122	ng	95
53) 3-Nitroaniline	14.64	138	42016	21.500	ng	# 91
54) 2,4-Dinitrophenol	14.84	184	36463	28.864	ng	91
55) Dibenzofuran	15.11	168	378223	35.477	ng	98
56) 4-Nitrophenol	14.94	139	104936	71.059	ng	96
57) 2,4-Dinitrotoluene	15.08	165	101518	35.013	ng	99
58) Fluorene	15.76	166	298443	35.587	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	107761	37.501	ng	# 99
60) Diethylphthalate	15.52	149	323316	33.815	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	186296	34.142	ng	97
62) 4-Nitroaniline	15.80	138	68946	32.987	ng	98
63) Azobenzene	16.04	77	300629	35.244	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	51936	30.121	ng	93
66) n-Nitrosodiphenylamine	15.96	169	268915	38.125	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	123321	35.902	ng	93
68) Hexachlorobenzene	16.76	284	129182	35.121	ng	98
69) Atrazine	16.90	200	116721	47.985	ng	97
70) Pentachlorophenol	17.10	266	146290	77.671	ng	100
71) Phenanthrene	17.50	178	519707	36.682	ng	99
72) Anthracene	17.60	178	527301	37.752	ng	99
73) Carbazole	17.87	167	450163	36.842	ng	99
74) Di-n-butylphthalate	18.40	149	534934	35.087	ng	99
75) Fluoranthene	19.51	202	688029	36.554	ng	99
77) Benzidine	19.69	184	353285	53.480	ng	98
78) Pyrene	19.87	202	699544	37.980	ng	99
80) Butylbenzylphthalate	20.73	149	244500	35.095	ng	93
81) Benzo(a)anthracene	21.72	228	673121	36.401	ng	100
82) 3,3'-Dichlorobenzidine	21.63	252	120970	18.635	ng	99
83) Chrysene	21.79	228	647742	36.424	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	338536	35.656	ng	99
85) Di-n-octyl phthalate	22.81	149	583717	36.339	ng	99
86) Indeno(1,2,3-cd)pyrene	28.84	276	762405	36.135	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	669385	37.385	ng	98
89) Benzo(k)fluoranthene	24.06	252	637800	35.957	ng	98
90) Benzo(a)pyrene	24.89	252	649127	38.387	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	629807	36.995	ng	99
92) Benzo(g,h,i)perylene	30.06	276	624593	37.125	ng	98

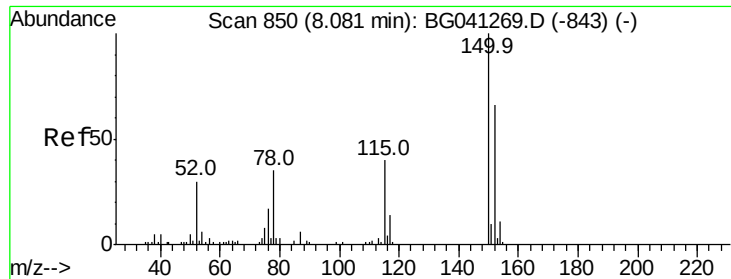
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

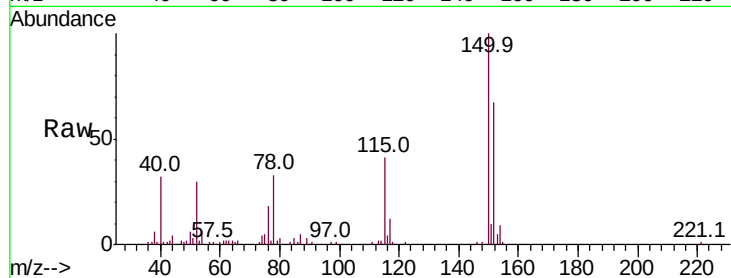
Tot Ion:152 Resp: 39837

Ion Ratio Lower Upper

152 100

150 149.1 120.6 181.0

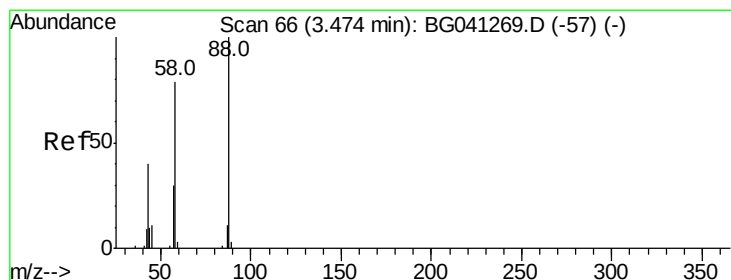
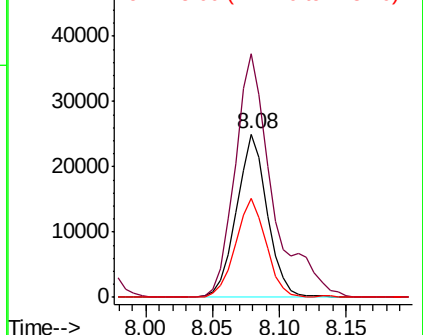
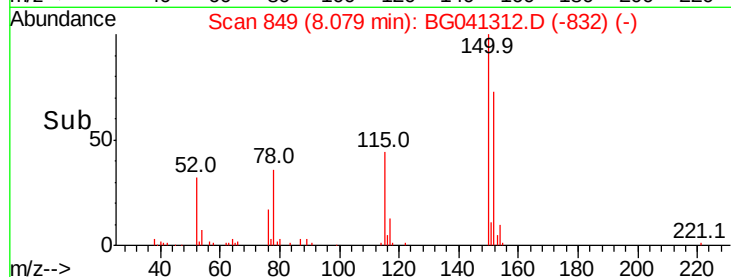
115 60.9 47.9 71.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.293 ng

RT: 3.47 min Scan# 65

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

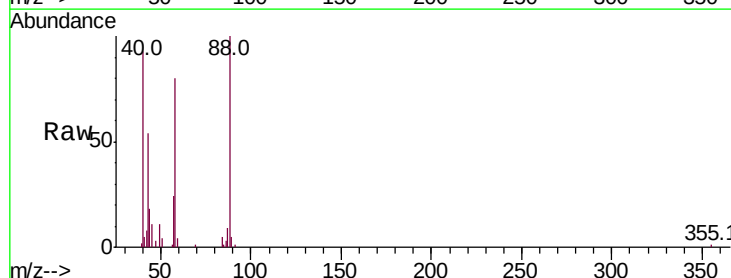
Tgt Ion: 88 Resp: 26411

Ion Ratio Lower Upper

88 100

58 81.0 59.7 89.5

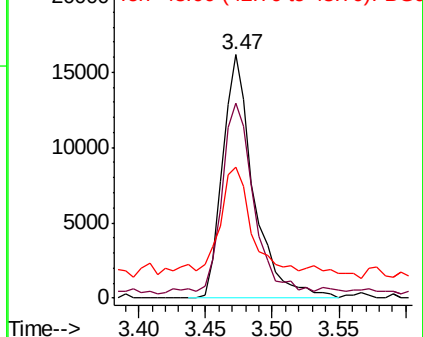
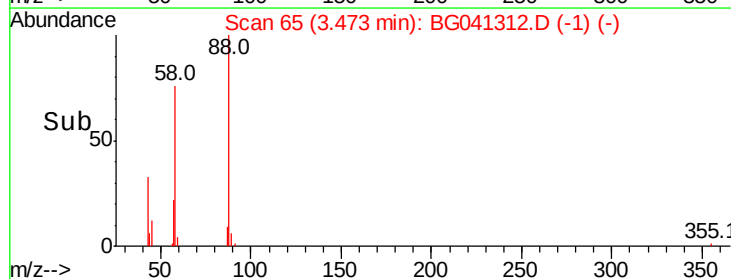
43 41.4 31.9 47.9

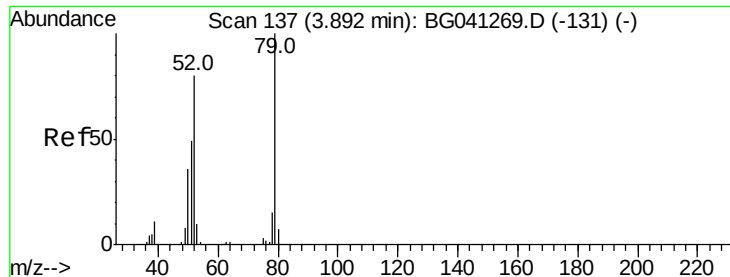


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.214 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

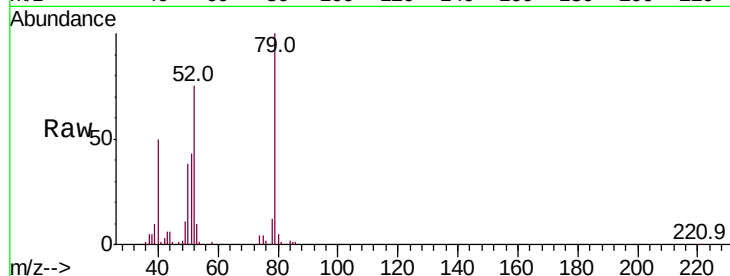
Tot Ion: 79 Resp: 64068

Ion Ratio Lower Upper

79 100

52 74.9 63.6 95.4

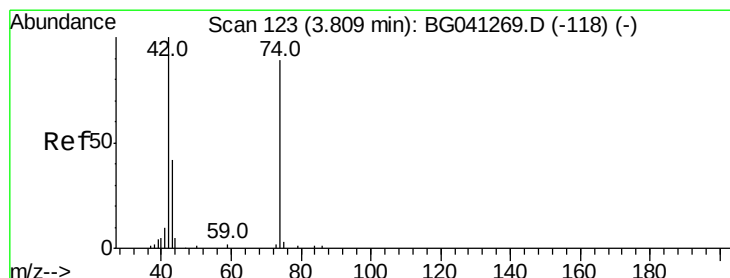
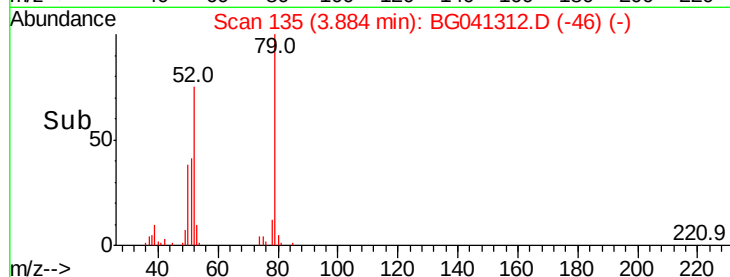
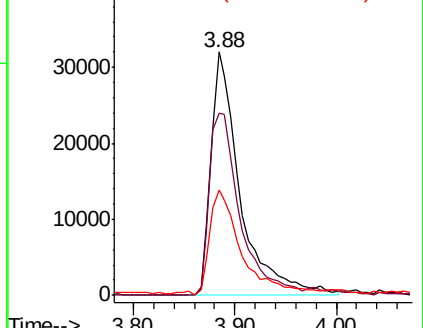
51 43.1 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.774 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

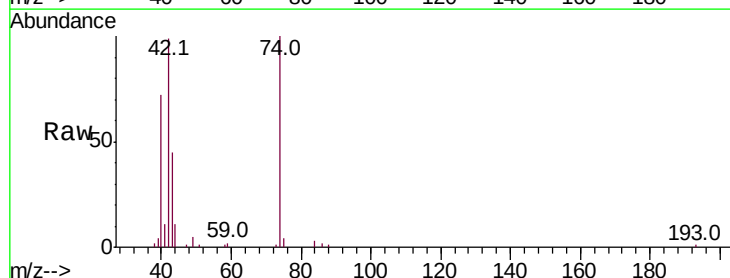
Tgt Ion: 42 Resp: 48870

Ion Ratio Lower Upper

42 100

74 100.9 71.6 107.4

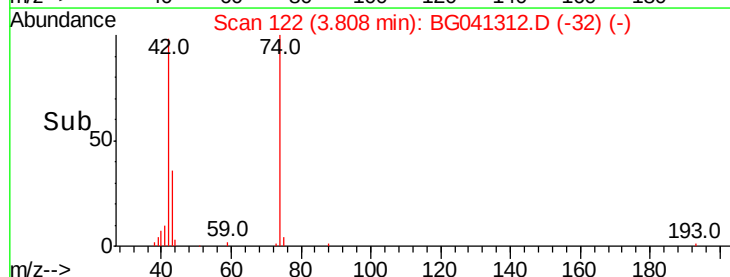
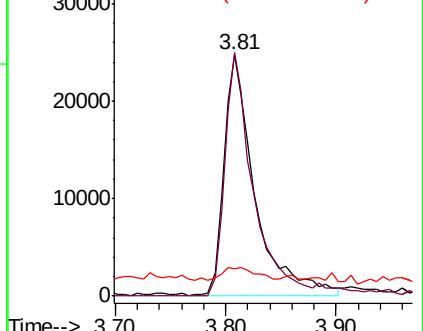
44 11.5 9.0 13.4

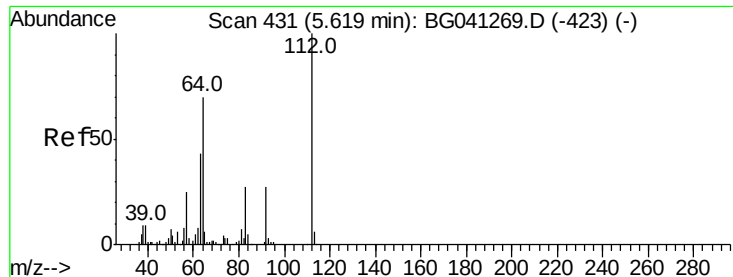


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.721 ng

RT: 5.62 min Scan# 430

Delta R.T. -0.00 min

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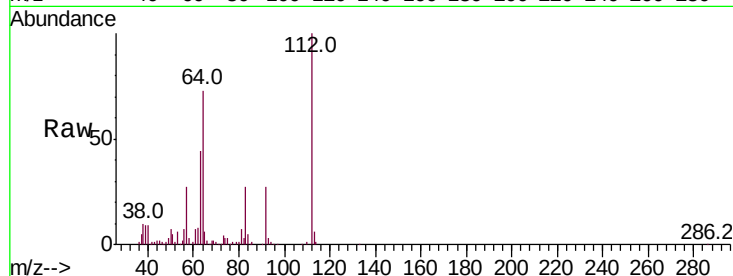
Tot Ion:112 Resp: 279079

Ion Ratio Lower Upper

112 100

64 73.2 55.9 83.9

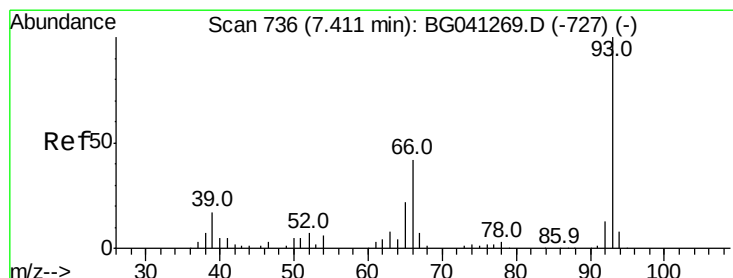
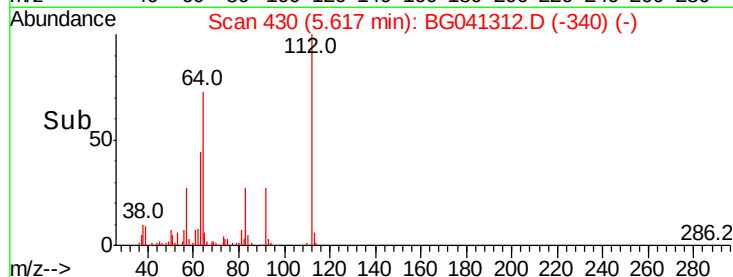
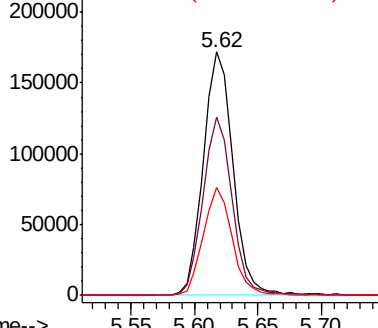
63 44.5 34.6 51.8



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: 19.357 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.01 min

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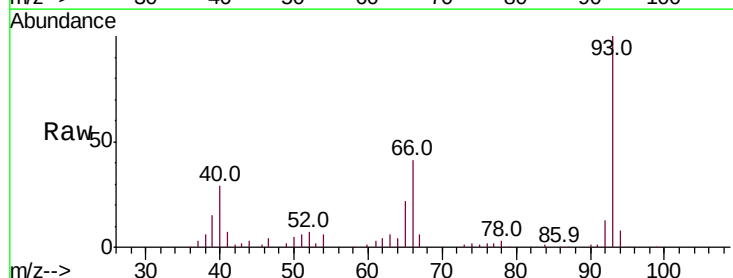
Tgt Ion: 93 Resp: 84556

Ion Ratio Lower Upper

93 100

66 41.2 34.2 51.2

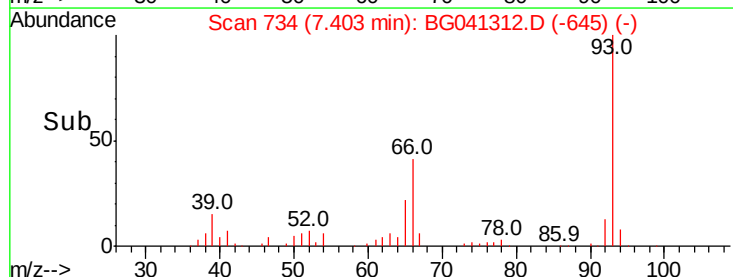
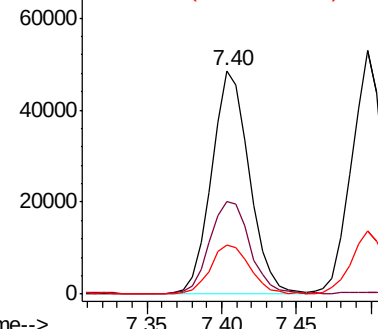
65 22.1 17.7 26.5

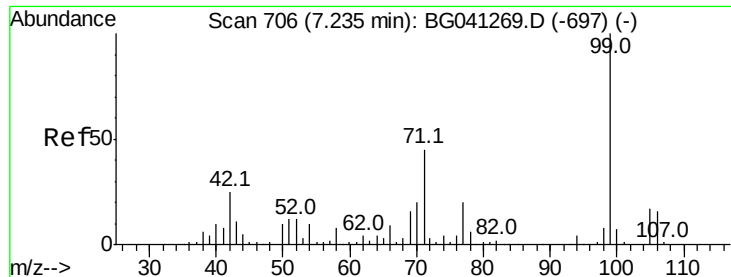


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.242 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

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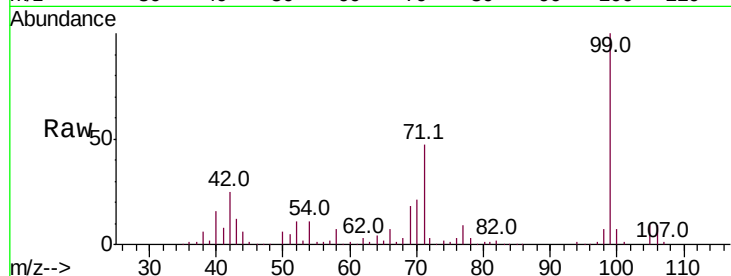
Tot Ion: 99 Resp: 409310

Ion Ratio Lower Upper

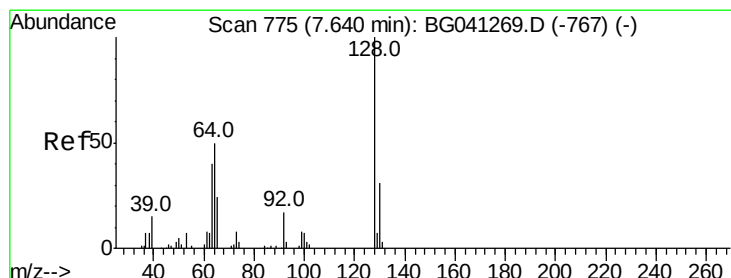
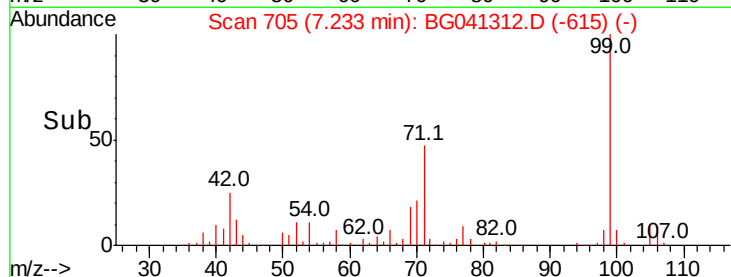
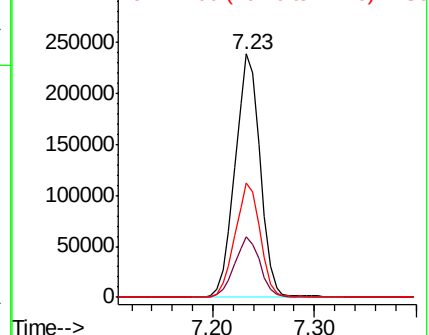
99 100

42 25.1 19.9 29.9

71 47.1 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 35.193 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

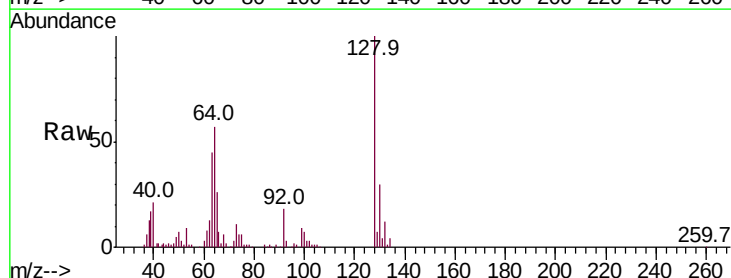
Tgt Ion:128 Resp: 89656

Ion Ratio Lower Upper

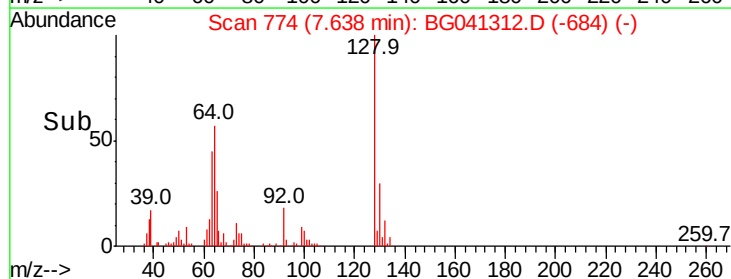
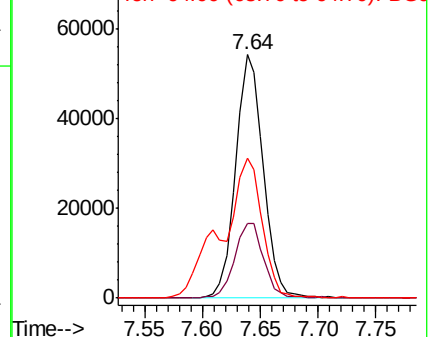
128 100

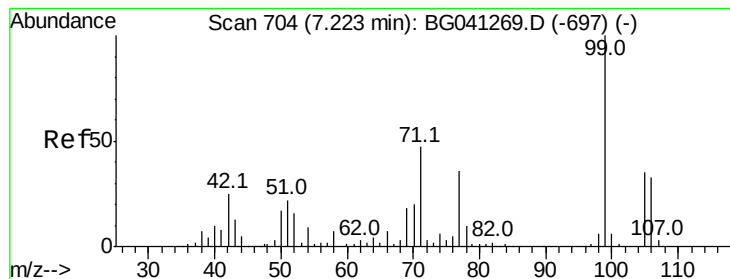
130 30.5 11.1 51.1

64 57.4 36.6 76.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.367 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

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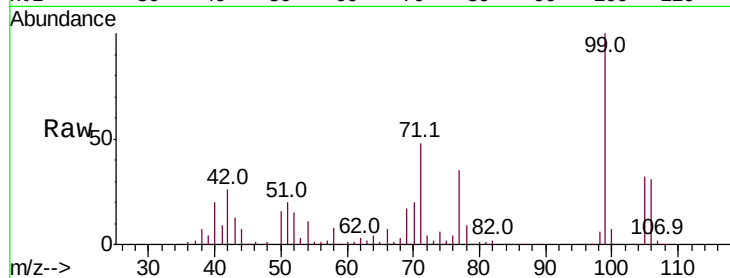
Tot Ion: 77 Resp: 83151

Ion Ratio Lower Upper

77 100

105 92.5 78.7 118.7

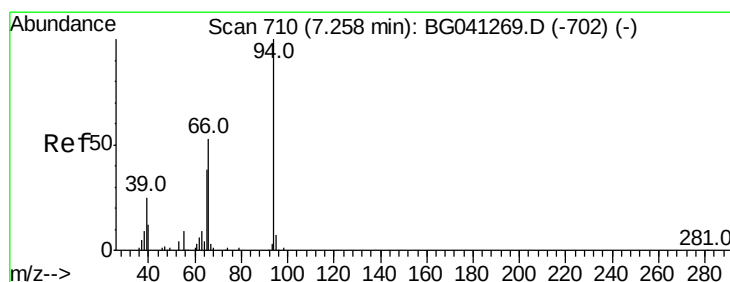
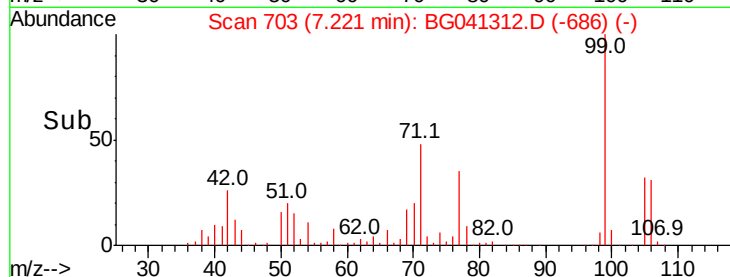
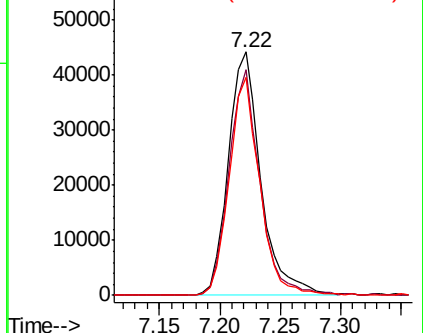
106 89.8 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.494 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

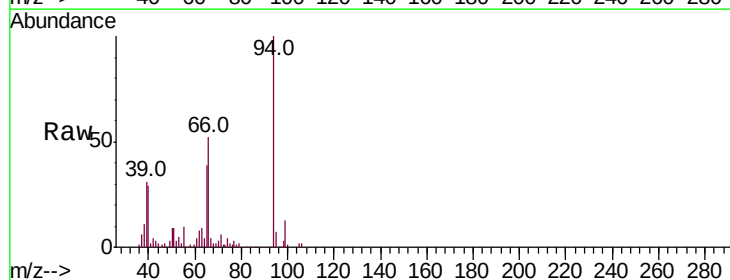
Tgt Ion: 94 Resp: 123332

Ion Ratio Lower Upper

94 100

65 39.4 18.7 58.7

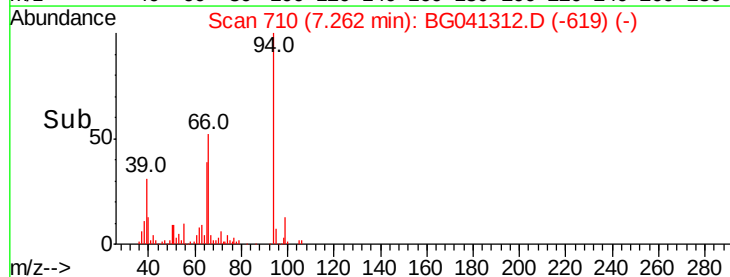
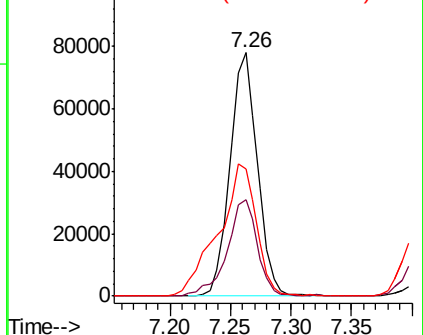
66 52.4 35.5 75.5

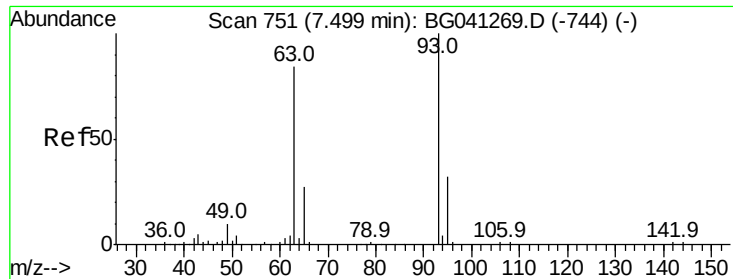


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 31.057 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

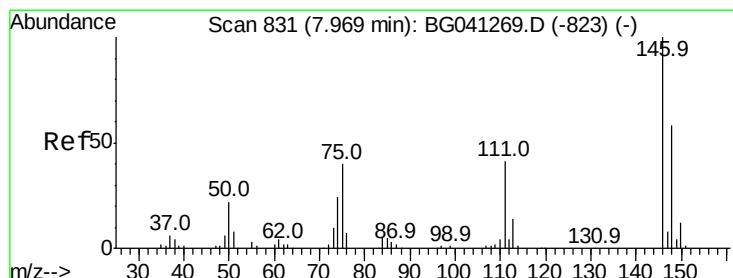
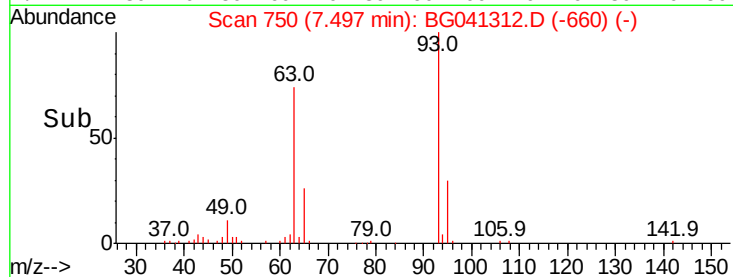
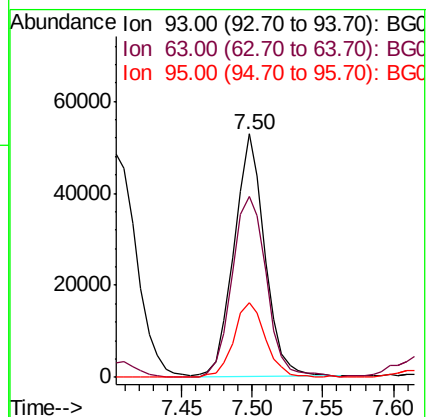
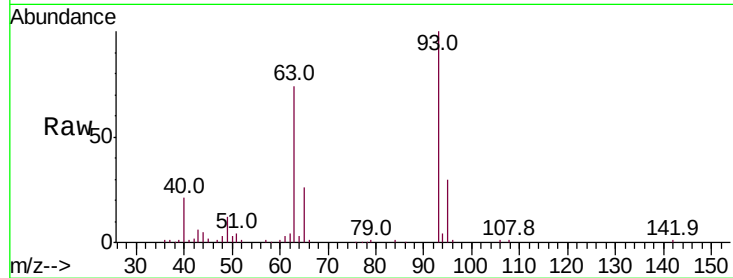
Tot Ion: 93 Resp: 79638

Ion Ratio Lower Upper

93 100

63 74.1 63.6 103.6

95 30.4 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 30.285 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

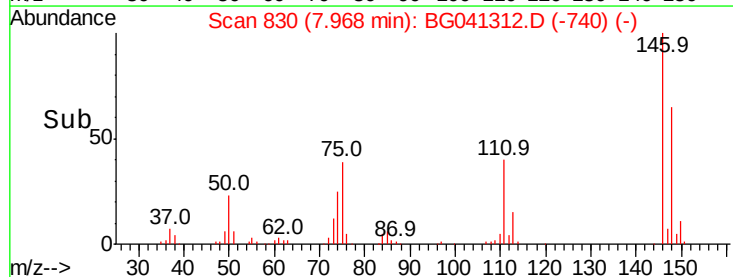
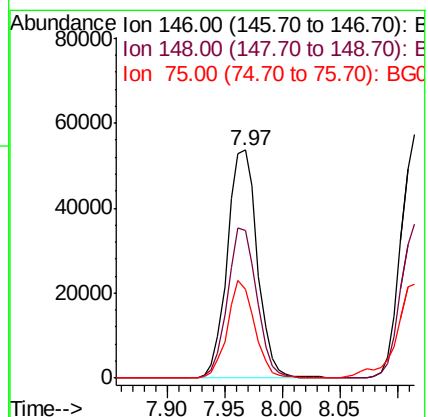
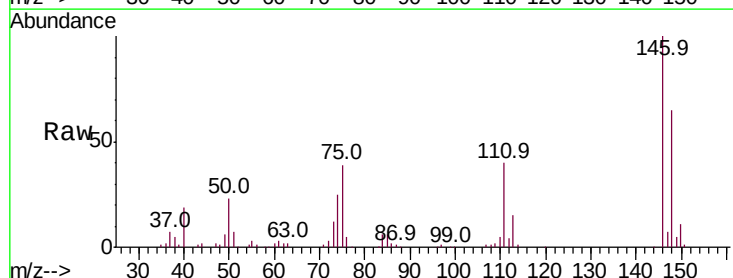
Tgt Ion: 146 Resp: 96602

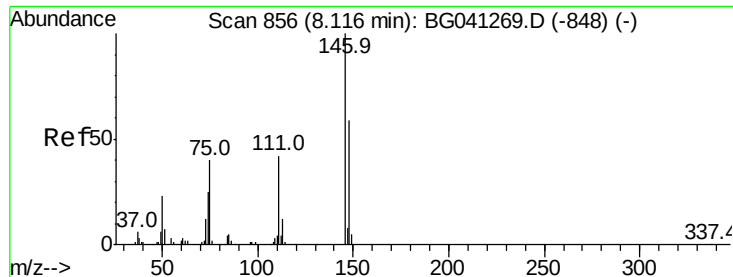
Ion Ratio Lower Upper

146 100

148 64.7 46.5 69.7

75 38.7 32.2 48.4

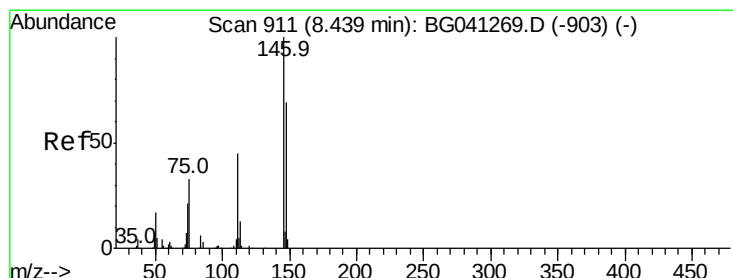
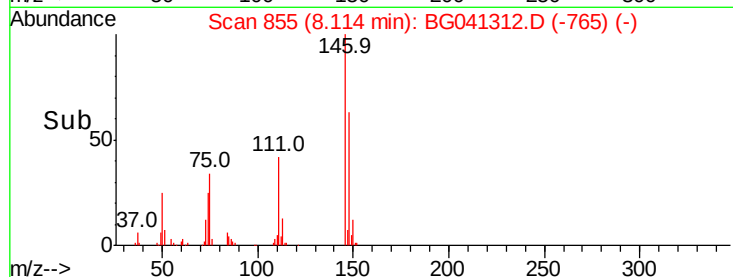
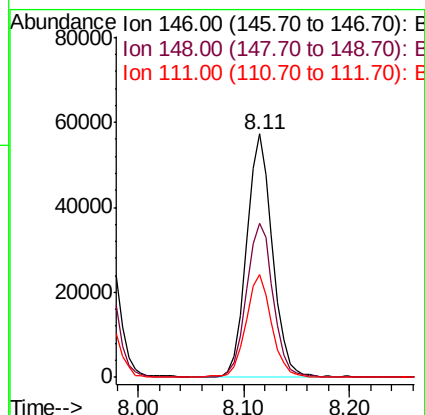
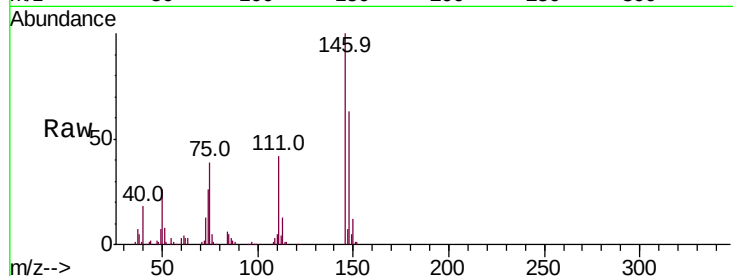




#13
 1,4-Dichlorobenzene
 Concen: 29.790 ng
 RT: 8.11 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

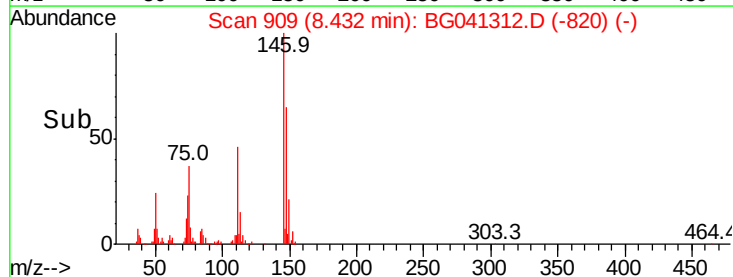
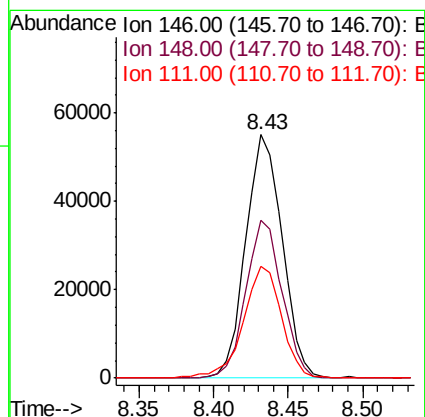
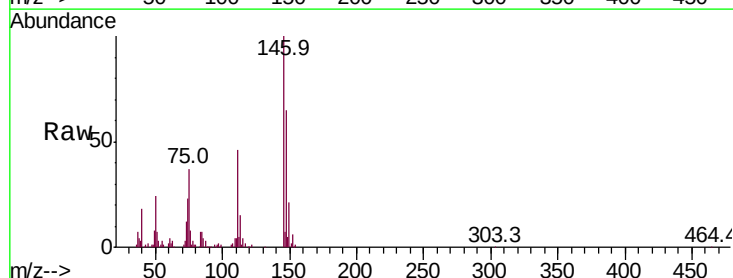
Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

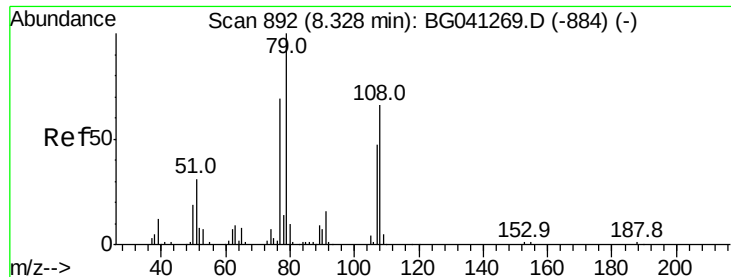
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	47.3	70.9
111	42.1	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 29.912 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.9	82.3
111	45.8	37.0	55.6





#15

Benzyl Alcohol

Concen: 33.021 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

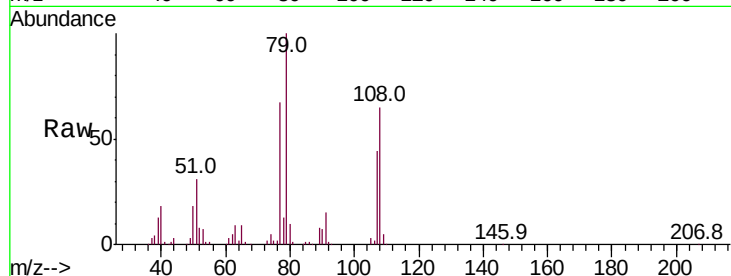
Tot Ion: 79 Resp: 99427

Ion Ratio Lower Upper

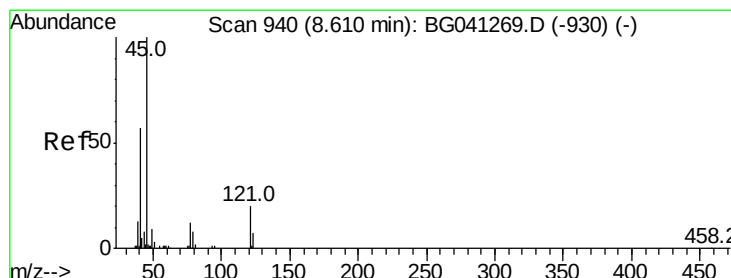
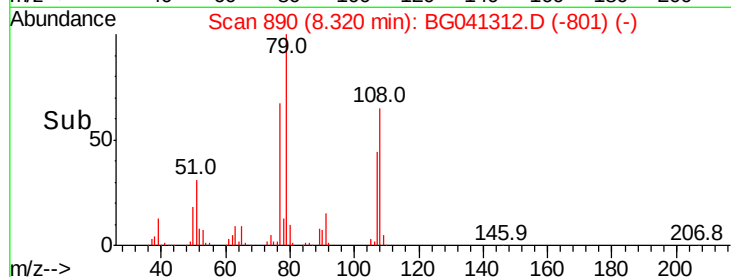
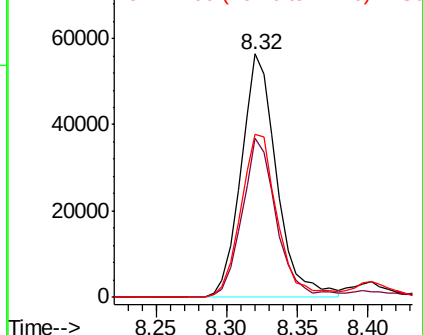
79 100

108 65.3 52.7 79.1

77 66.8 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.345 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

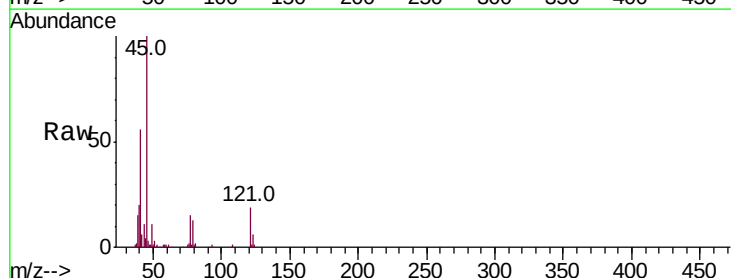
Tgt Ion: 45 Resp: 127378

Ion Ratio Lower Upper

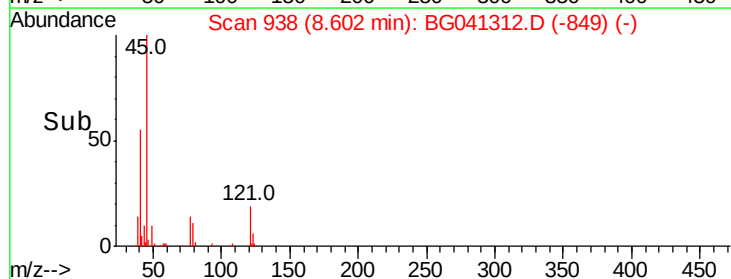
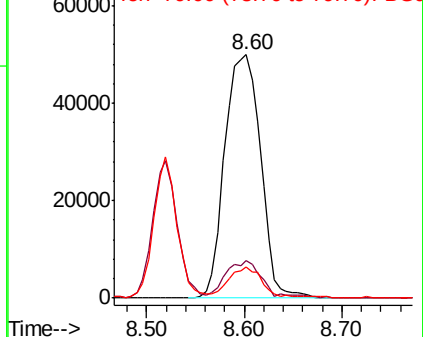
45 100

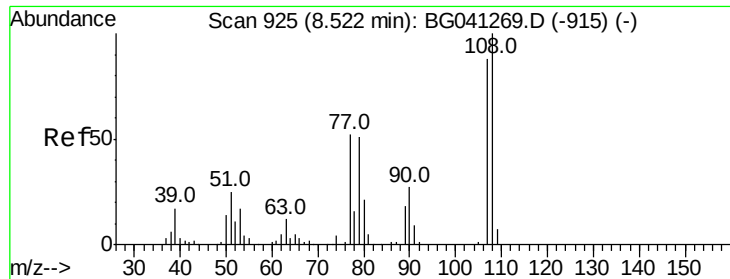
77 15.5 0.0 35.2

79 12.6 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 34.194 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

Tot Ion:107 Resp: 82616

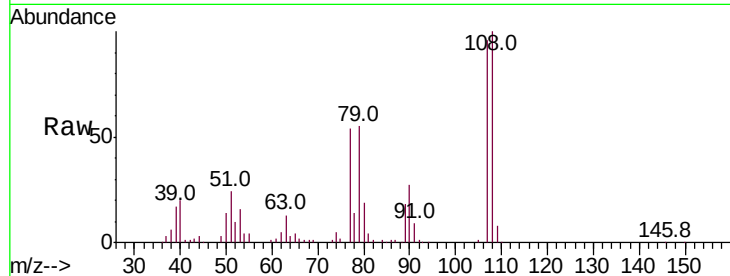
Ion Ratio Lower Upper

107 100

108 104.0 91.7 137.5

77 55.9 47.8 71.8

79 57.7 46.8 70.2

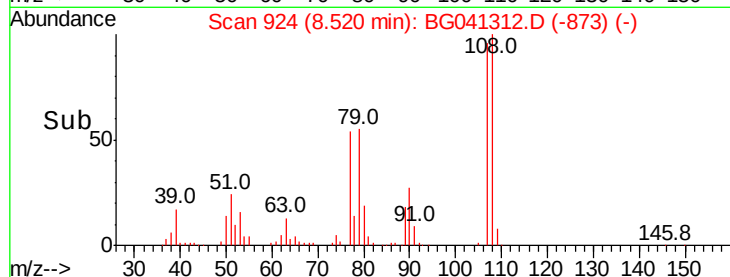


Abundance Ion 107.00 (106.70 to 107.70): E

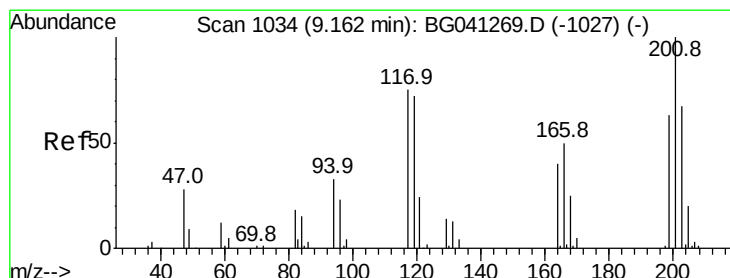
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 29.379 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

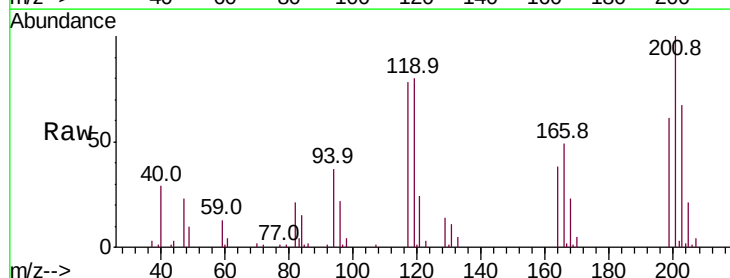
Tgt Ion:117 Resp: 37933

Ion Ratio Lower Upper

117 100

119 102.7 76.8 115.2

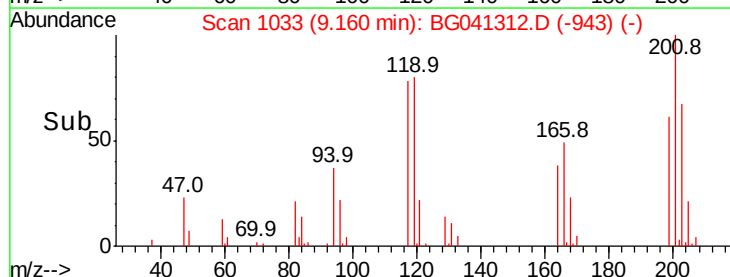
201 128.0 106.3 159.5



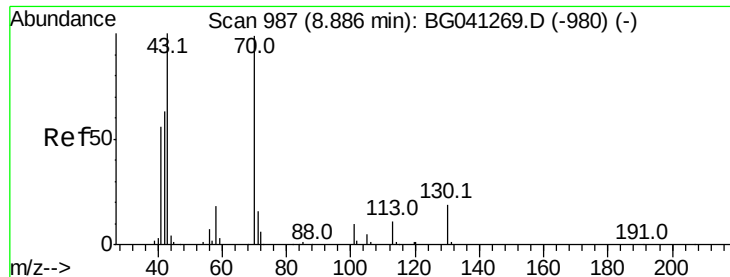
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 31.142 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

Tot Ion: 70 Resp: 79156

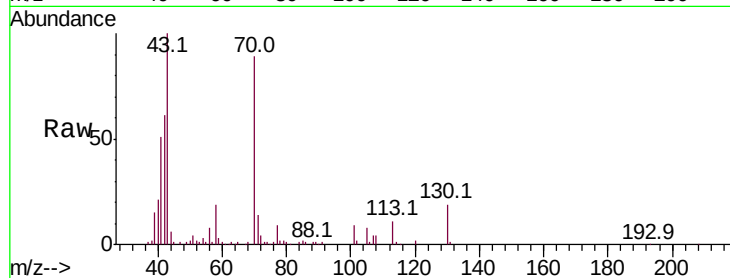
Ion Ratio Lower Upper

70 100

42 68.5 51.4 77.2

101 10.2 8.2 12.2

130 21.2 15.2 22.8

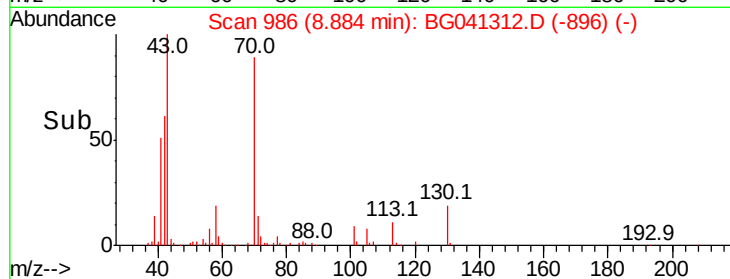
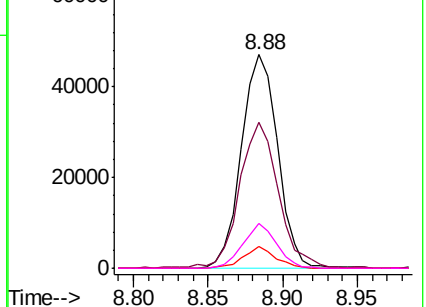


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 34.820 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Tgt Ion: 107 Resp: 111994

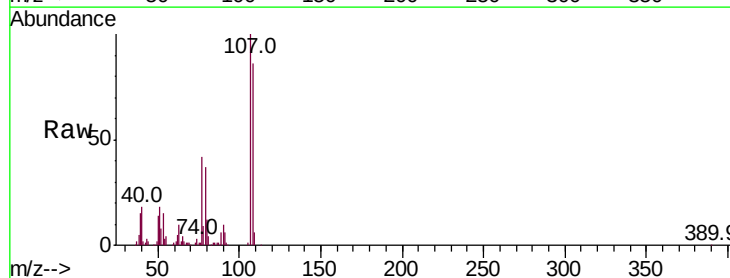
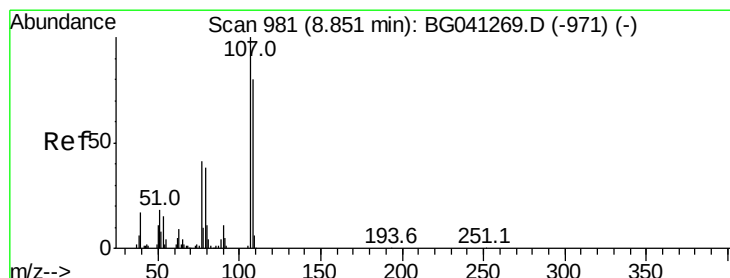
Ion Ratio Lower Upper

107 100

108 86.0 60.4 100.4

77 42.5 21.2 61.2

79 37.5 17.7 57.7

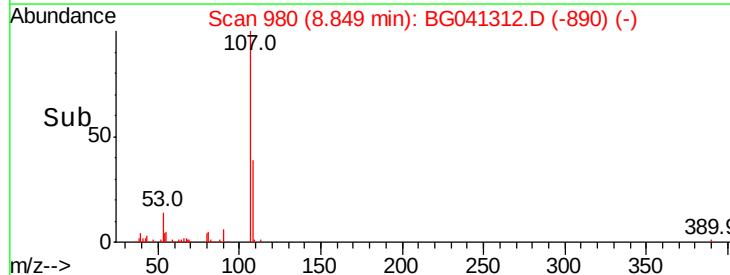
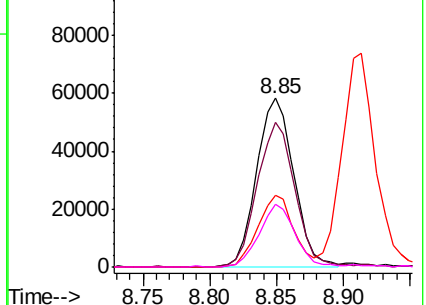


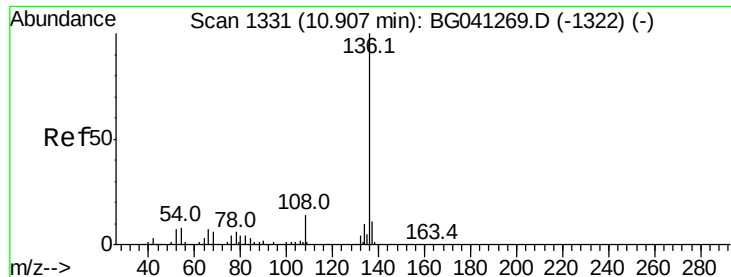
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

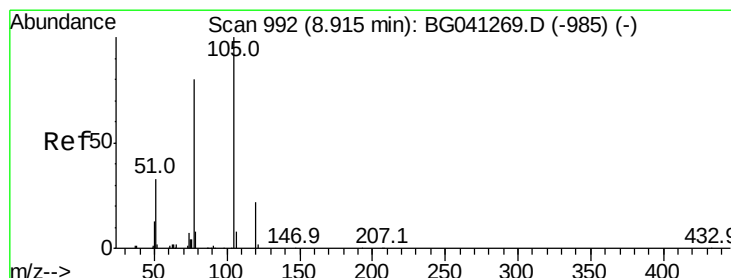
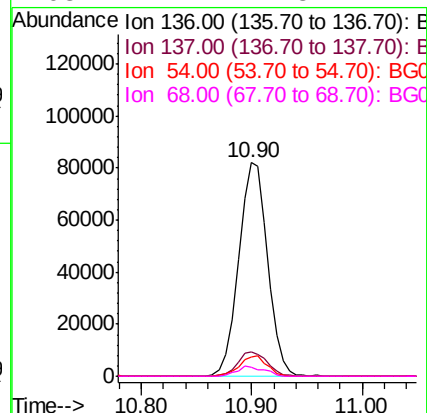
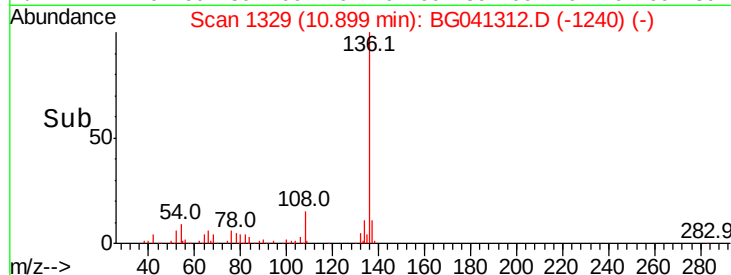
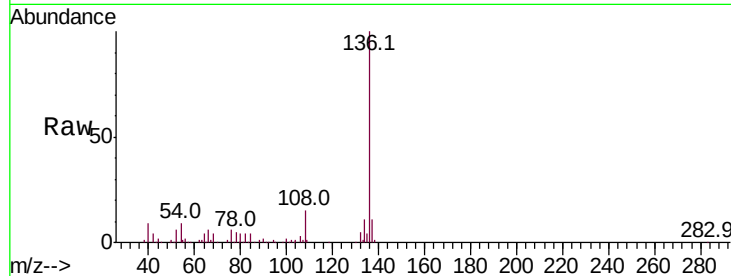




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

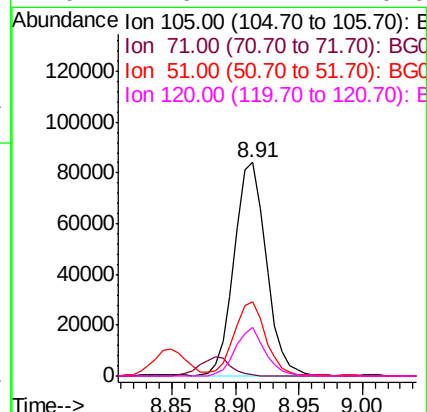
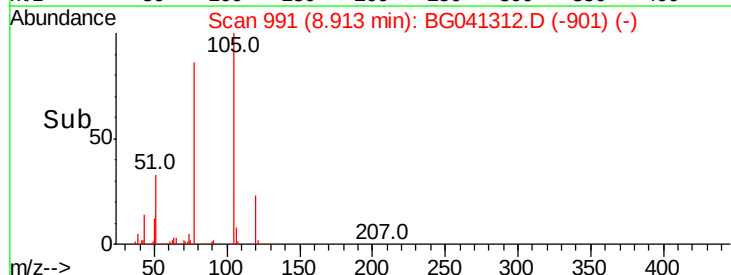
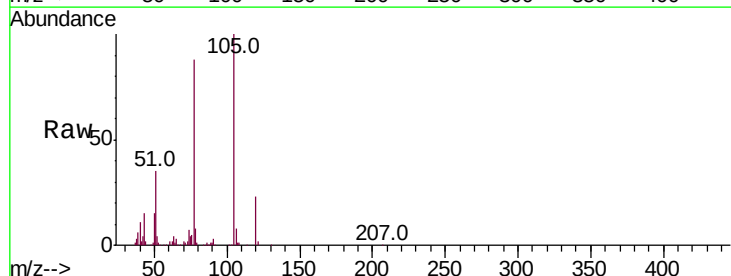
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

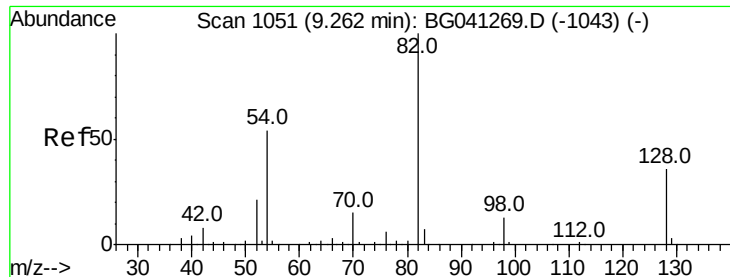
Tot Ion:136	Resp:	150435
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	8.8	6.4 9.6
68	4.4	4.8 7.2#



#22
Acetophenone
Concen: 33.642 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:105	Resp:	147275
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.4 0.6#
51	34.5	28.2 42.4
120	22.6	17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.729 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

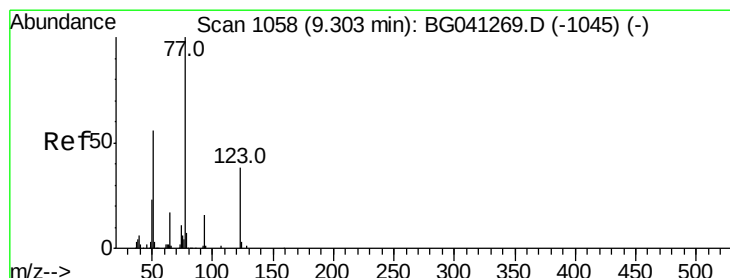
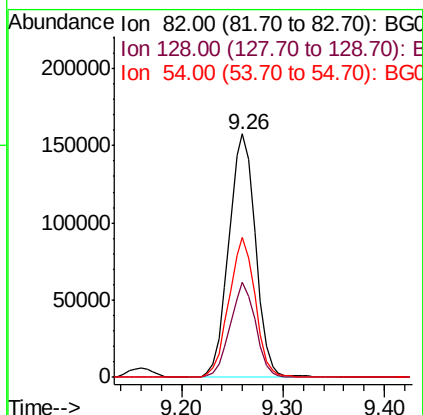
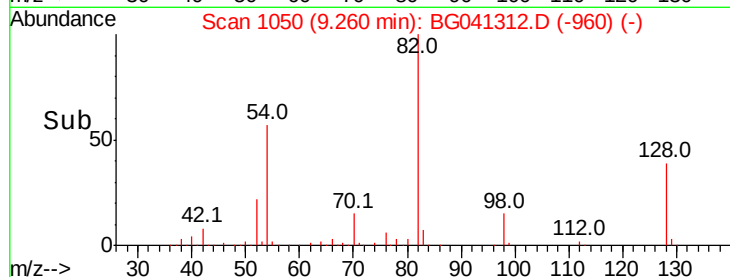
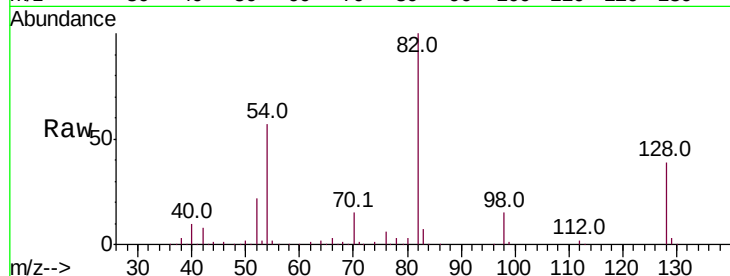
Tot Ion: 82 Resp: 288767

Ion Ratio Lower Upper

82 100

128 38.9 29.2 43.8

54 57.2 43.4 65.0



#24

Nitrobenzene

Concen: 35.007 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

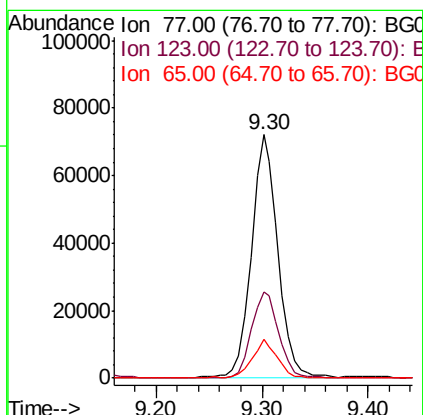
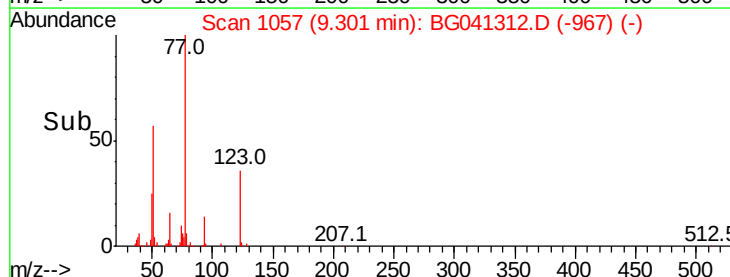
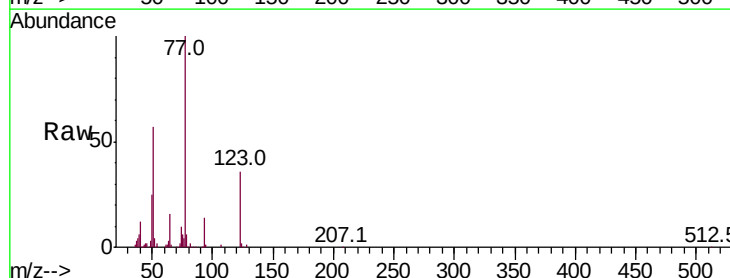
Tgt Ion: 77 Resp: 125938

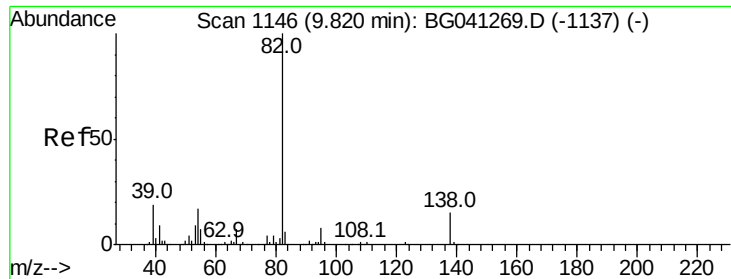
Ion Ratio Lower Upper

77 100

123 35.5 30.4 45.6

65 15.8 13.3 19.9





#25

Isophorone

Concen: 34.002 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

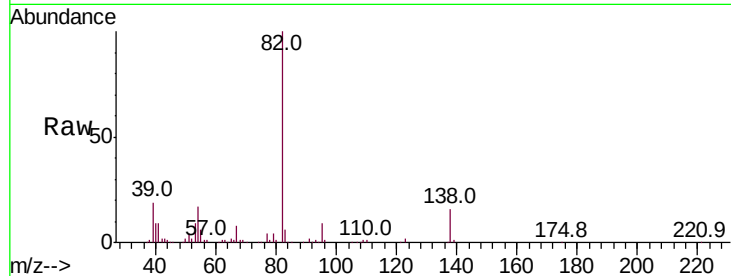
Tot Ion: 82 Resp: 223139

Ion Ratio Lower Upper

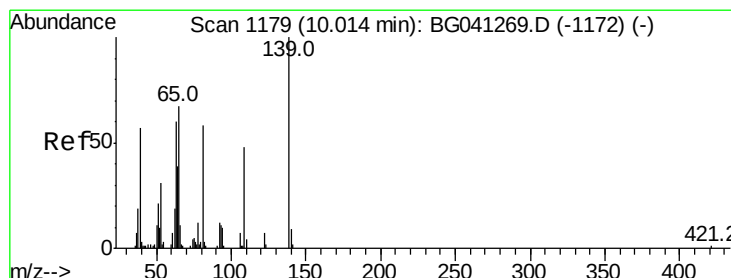
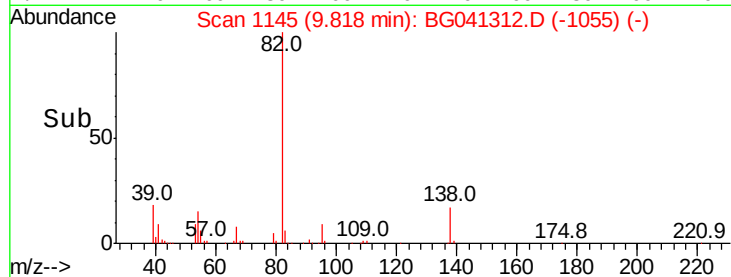
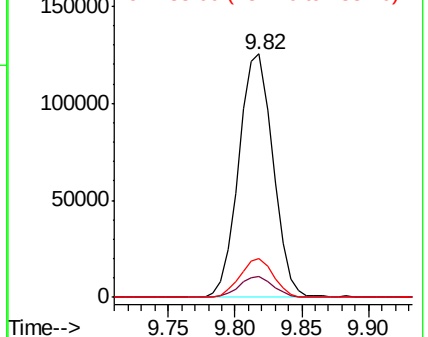
82 100

95 8.7 6.6 10.0

138 16.0 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 35.804 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

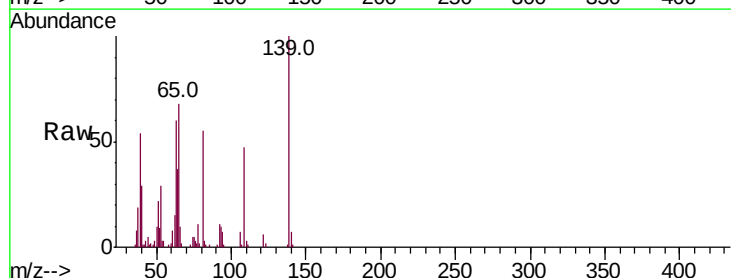
Tgt Ion: 139 Resp: 52220

Ion Ratio Lower Upper

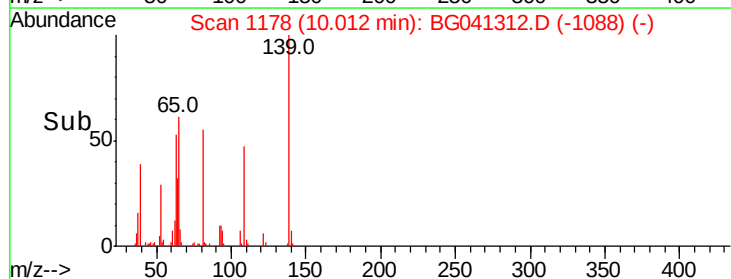
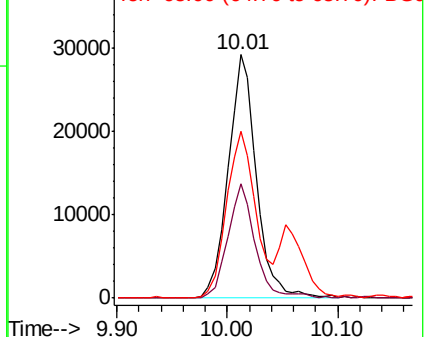
139 100

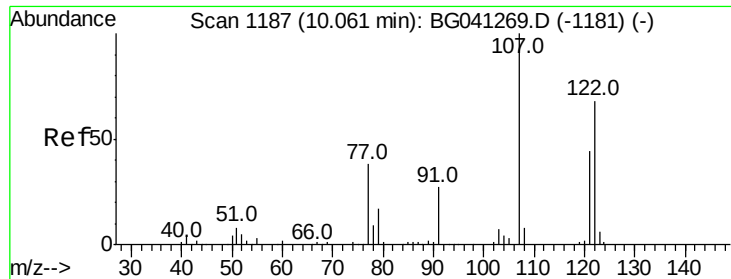
109 47.0 38.4 57.6

65 68.3 53.6 80.4



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

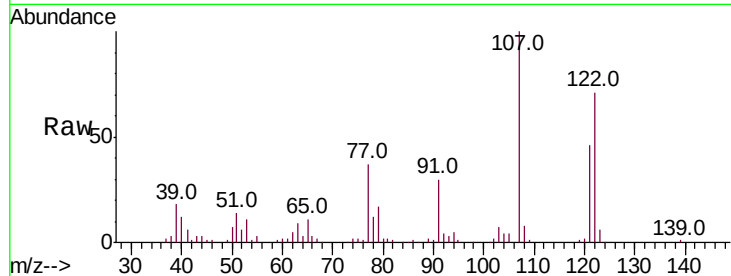




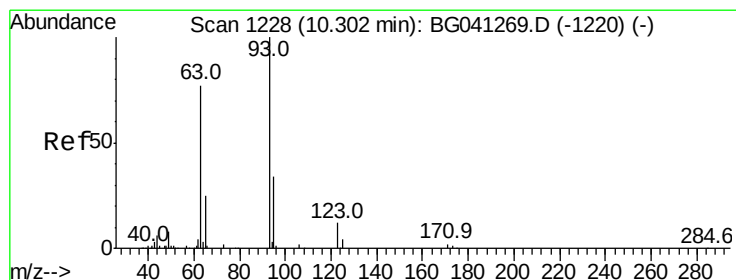
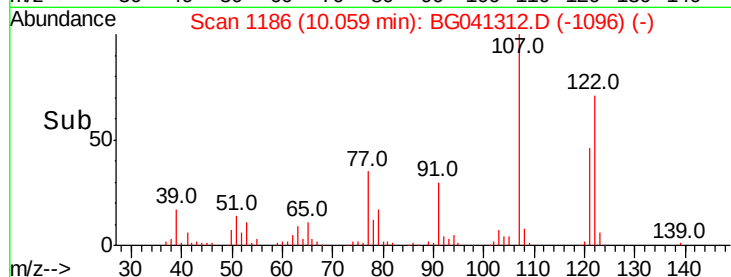
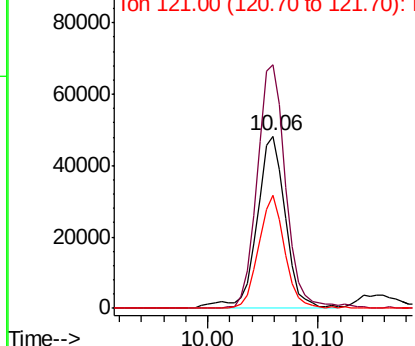
#27
 2,4-Dimethylphenol
 Concen: 39.962 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

Tot Ion:122 Resp: 87366
 Ion Ratio Lower Upper
 122 100
 107 141.3 115.1 172.7
 121 65.6 50.1 75.1

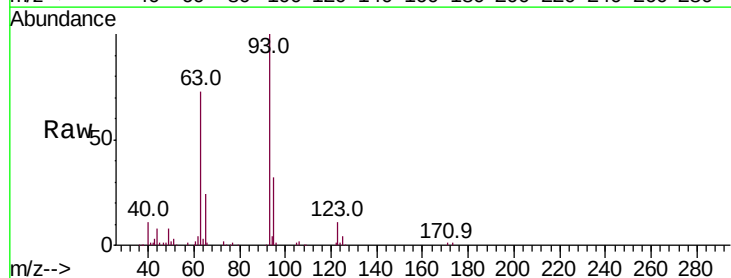


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

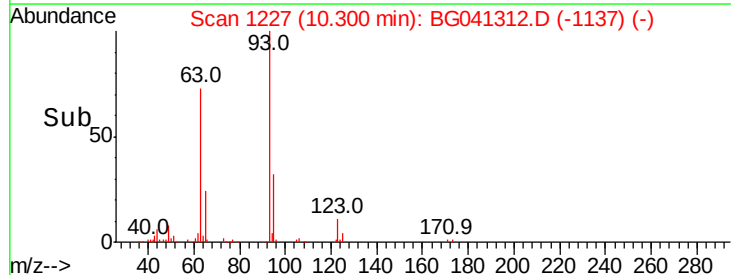
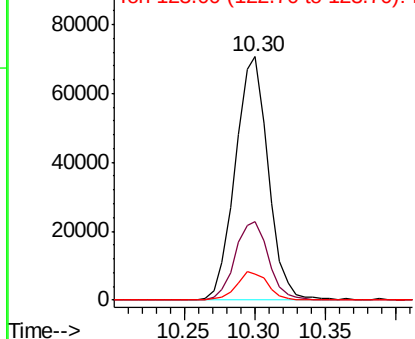


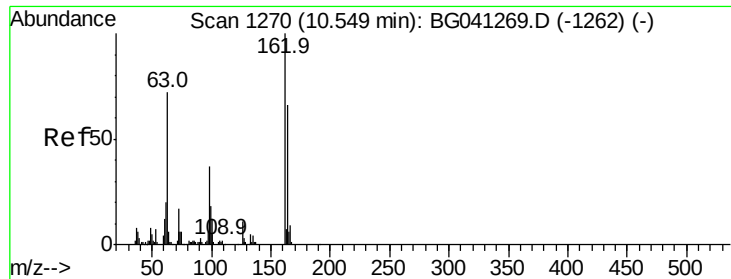
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.693 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion: 93 Resp: 115207
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.3 40.9
 123 10.5 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.137 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

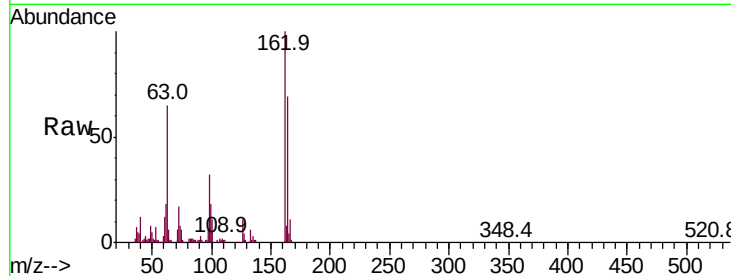
Tot Ion:162 Resp: 103378

Ion Ratio Lower Upper

162 100

164 68.5 46.0 86.0

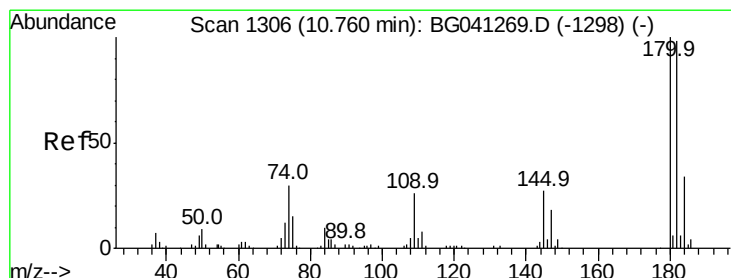
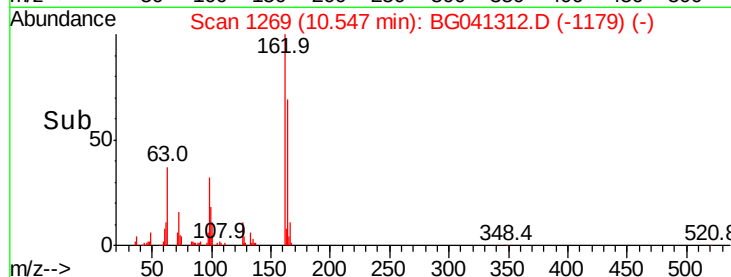
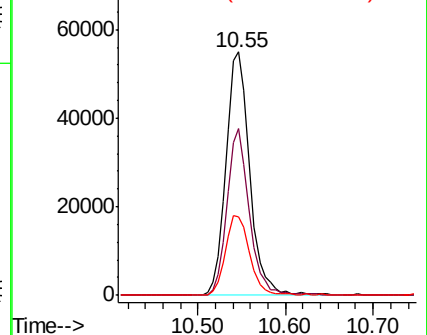
98 32.2 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.523 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

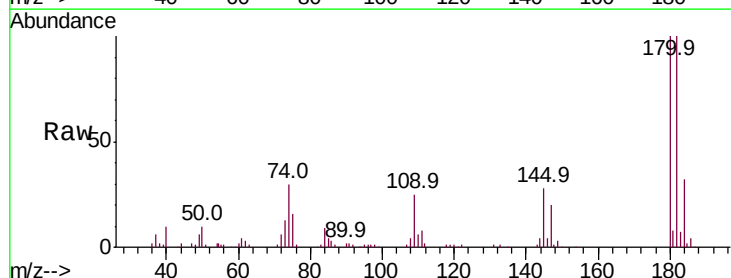
Tgt Ion:180 Resp: 112912

Ion Ratio Lower Upper

180 100

182 99.7 78.6 117.8

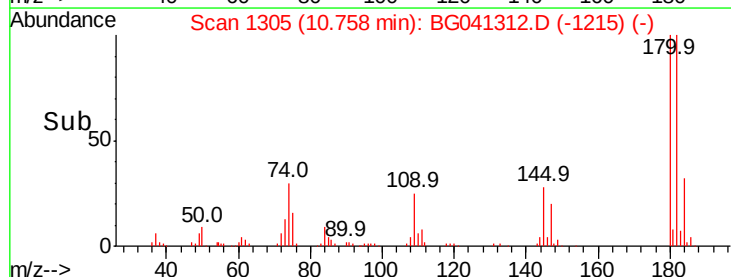
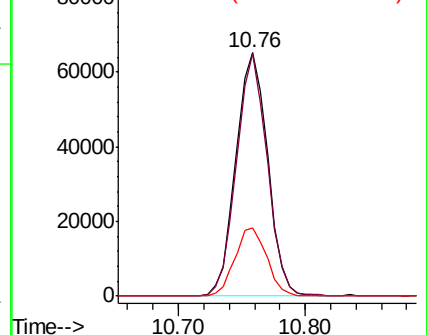
145 28.1 21.7 32.5

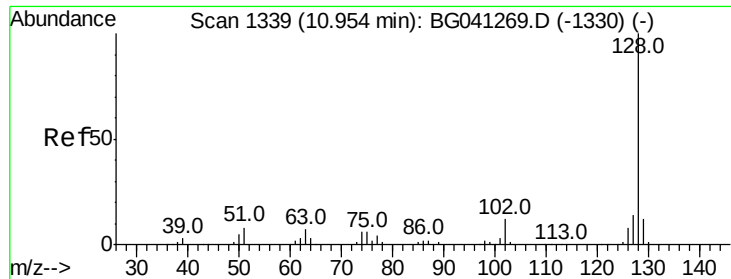


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

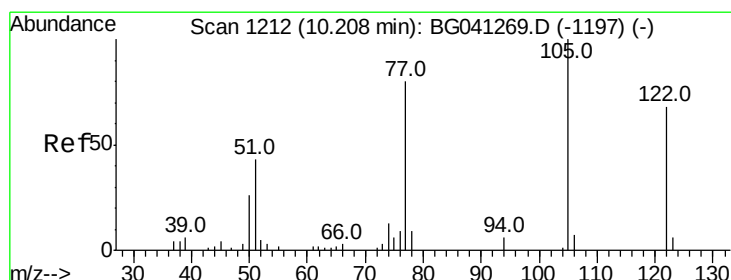
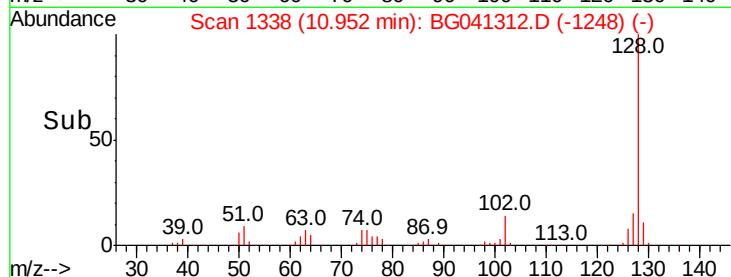
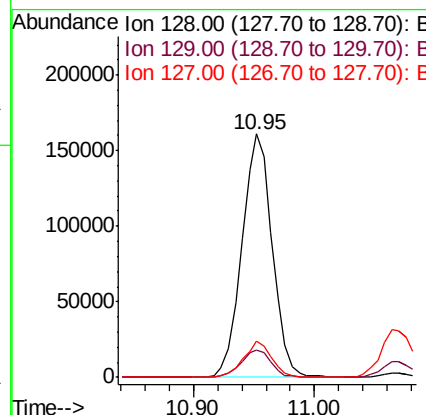
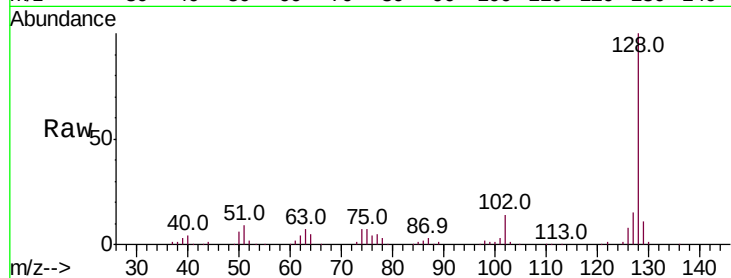




#31
Naphthalene
Concen: 34.261 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

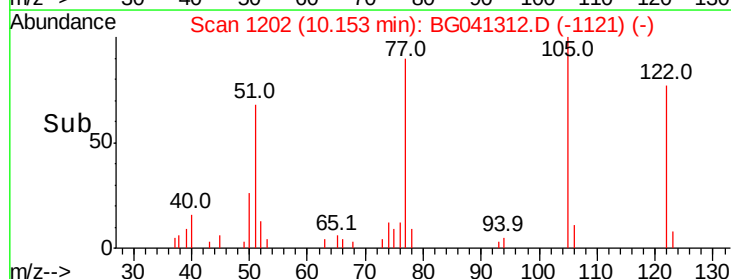
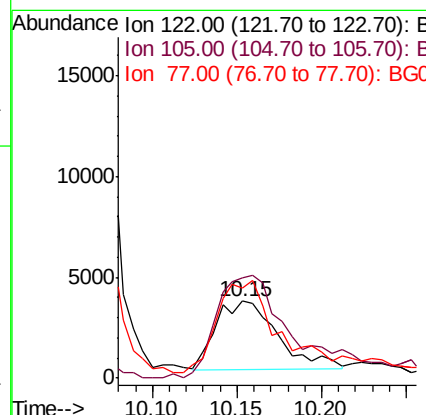
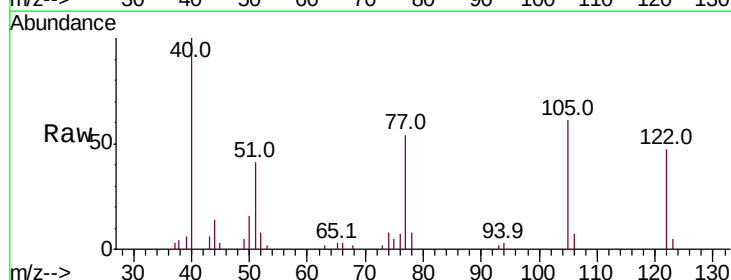
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

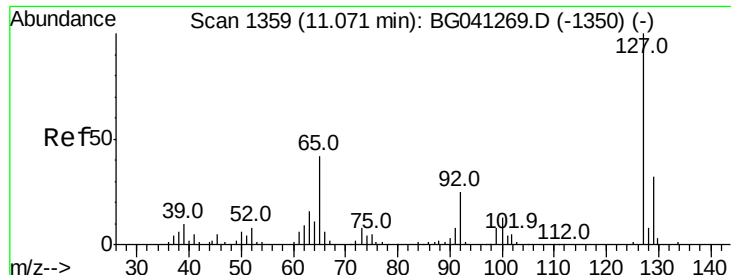
Tot Ion:128 Resp: 280115
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 15.0 11.2 16.8



#32
Benzoic acid
Concen: 6.127 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:122 Resp: 8720
Ion Ratio Lower Upper
122 100
105 130.1 124.2 164.2
77 116.5 97.2 137.2

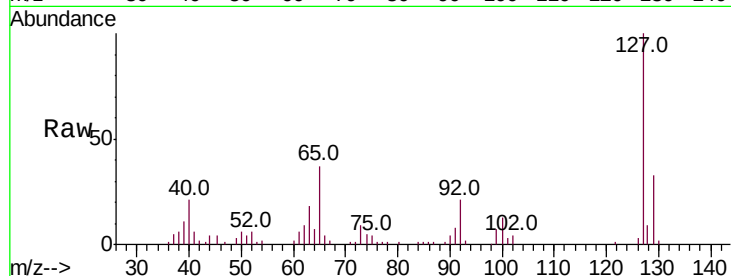




#33
4-Chloroaniline
Concen: 18.341 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Instrument :
BNA_G
ClientSampleId :
TP-AMSD

Tot Ion:	127	Resp:	63687
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	36.9	33.8	50.8
92	21.3	20.2	30.4



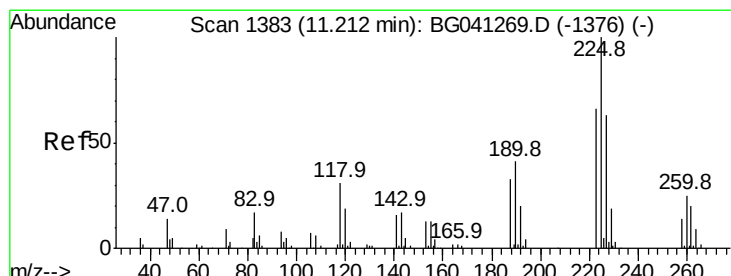
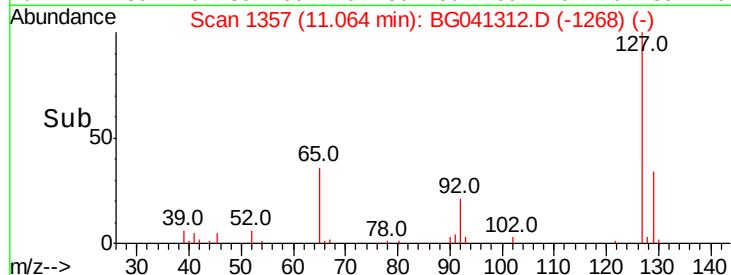
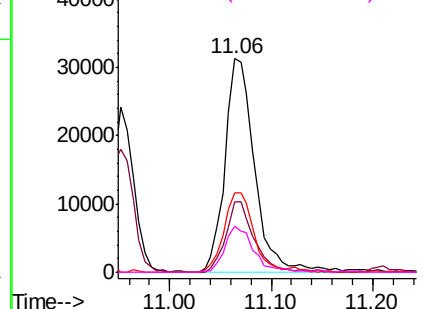
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

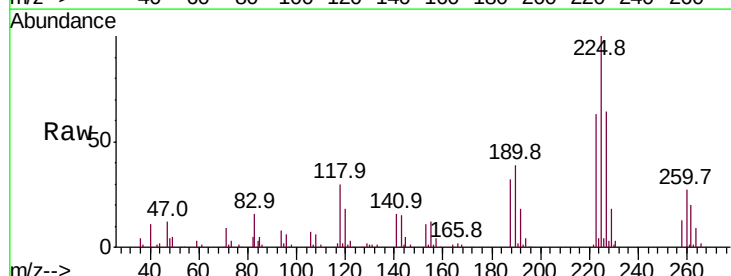
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 31.186 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:	225	Resp:	85941
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.5	78.7
227	63.9	50.2	75.2

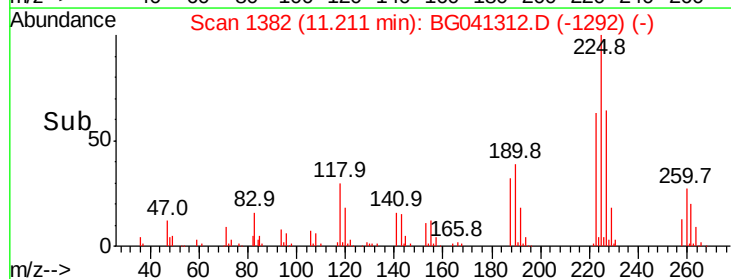
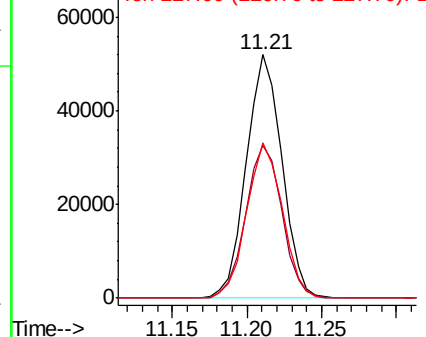


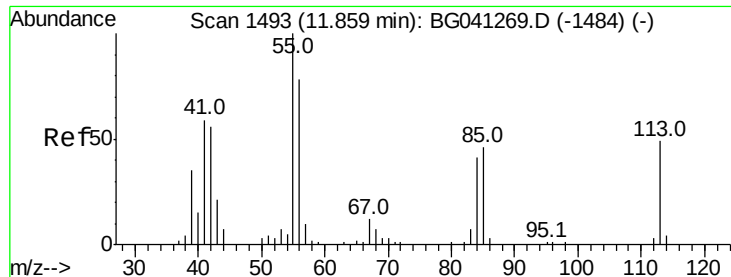
Abundance

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: 35.536 ng

RT: 11.85 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampled :

TP-AMSD

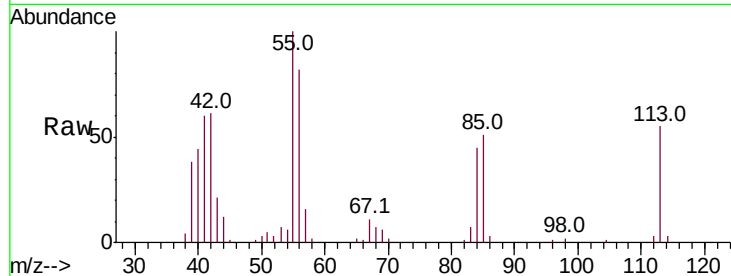
Tot Ion:113 Resp: 33162

Ion Ratio Lower Upper

113 100

55 182.9 182.6 222.6

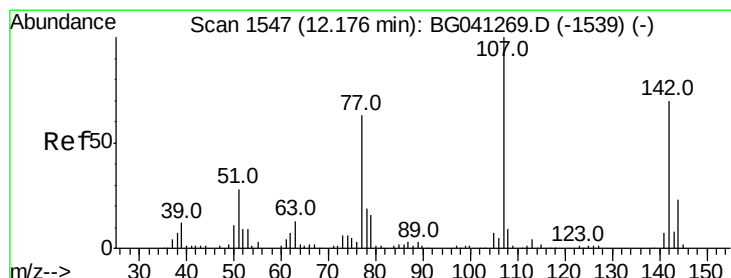
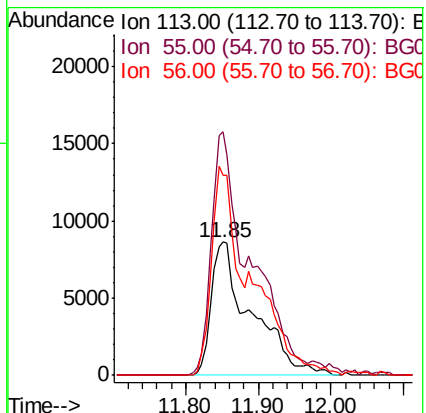
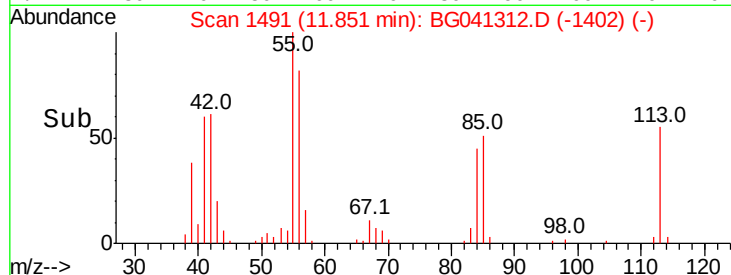
56 150.6 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 36.702 ng

RT: 12.17 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

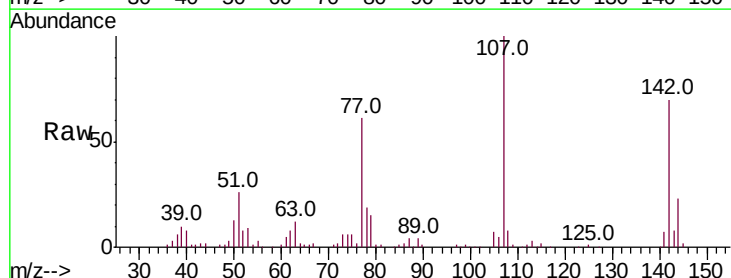
Tgt Ion:107 Resp: 114917

Ion Ratio Lower Upper

107 100

144 23.3 18.5 27.7

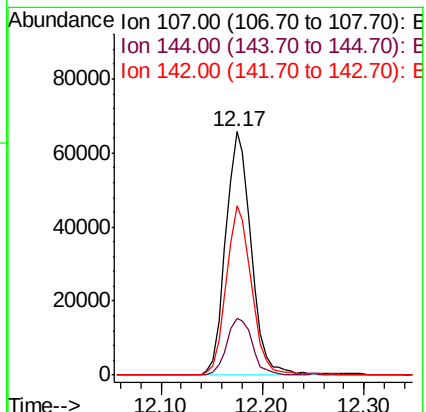
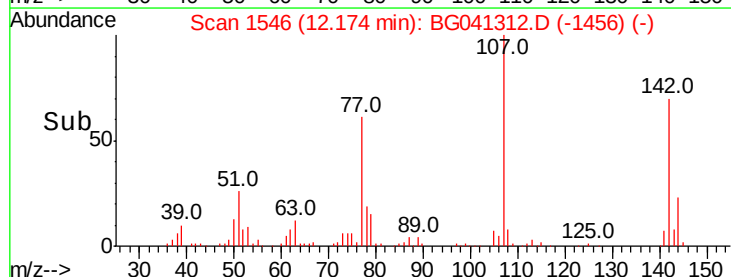
142 69.6 56.3 84.5

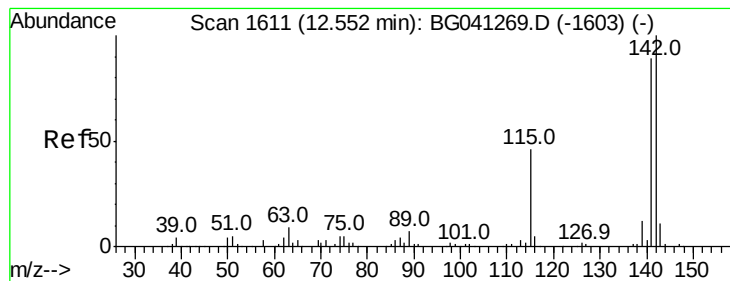


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.730 ng

RT: 12.55 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

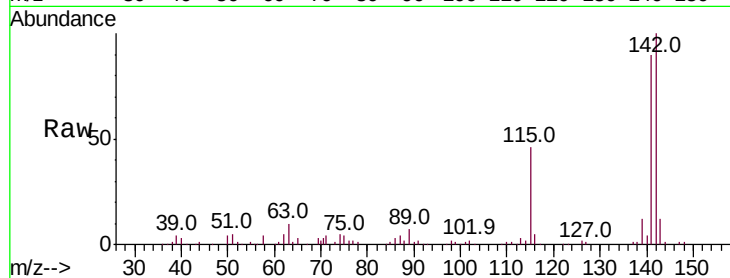
Tot Ion:142 Resp: 209136

Ion Ratio Lower Upper

142 100

141 90.0 71.5 107.3

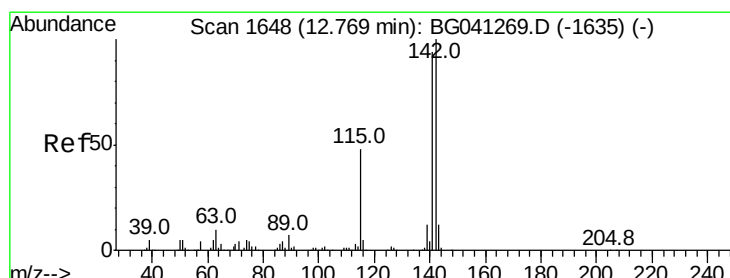
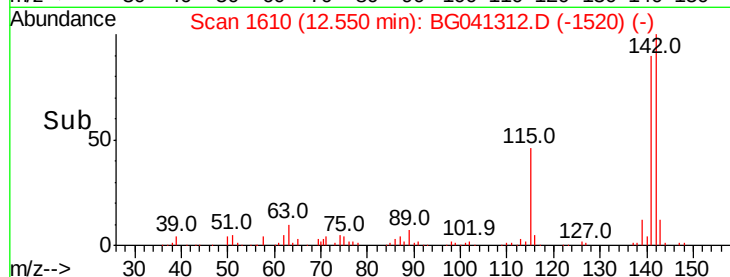
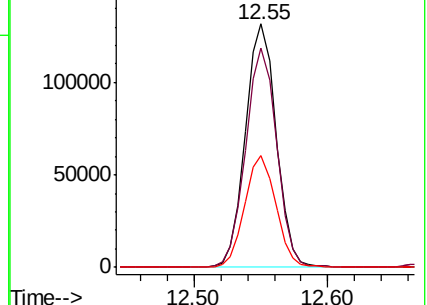
115 45.8 37.0 55.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.820 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

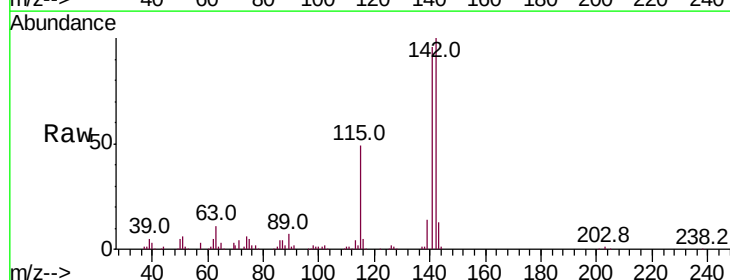
Tgt Ion:142 Resp: 200608

Ion Ratio Lower Upper

142 100

141 95.9 75.0 112.6

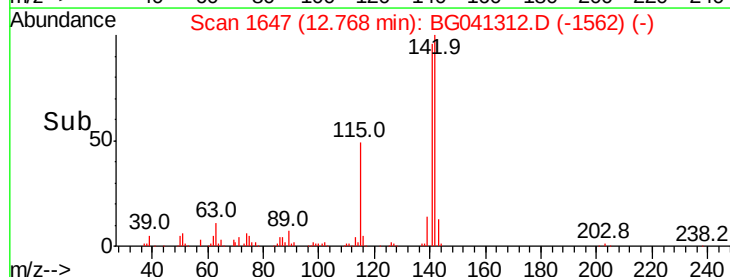
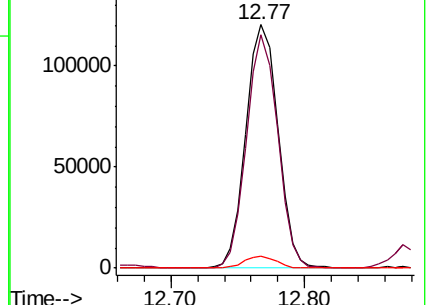
116 5.0 4.2 6.2

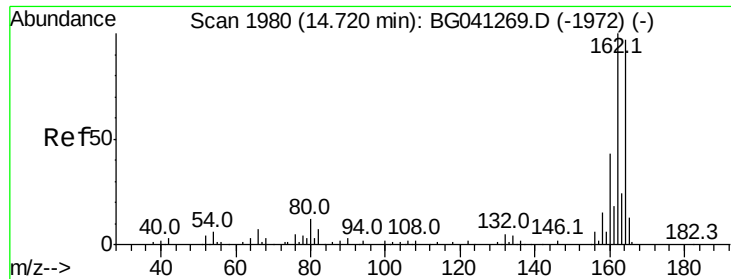


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

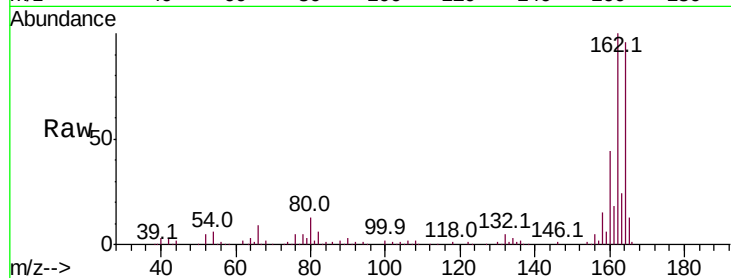
Tot Ion:164 Resp: 105724

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

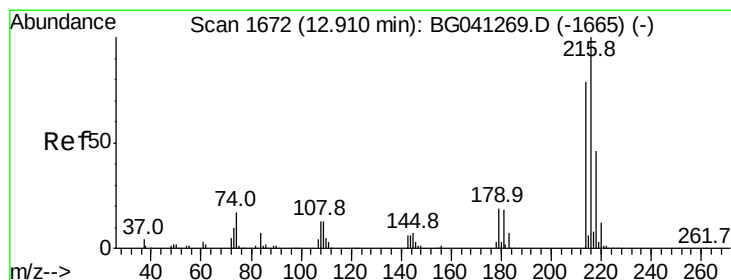
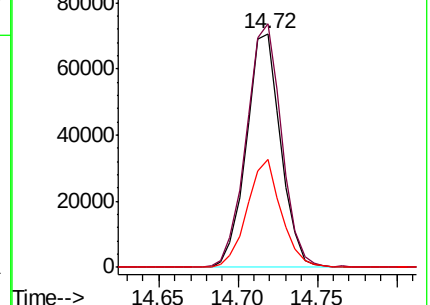
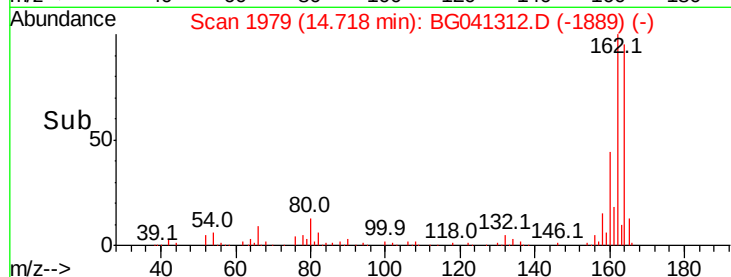
160 45.9 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.687 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Tgt Ion:216 Resp: 155797

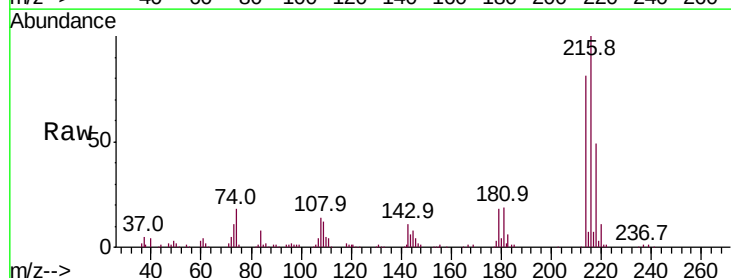
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 18.5 15.2 22.8

108 17.3 12.4 18.6

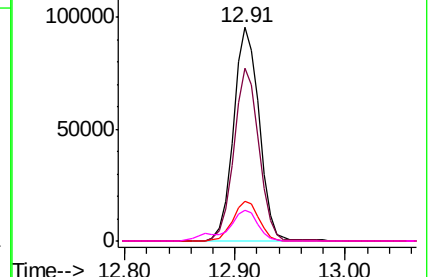
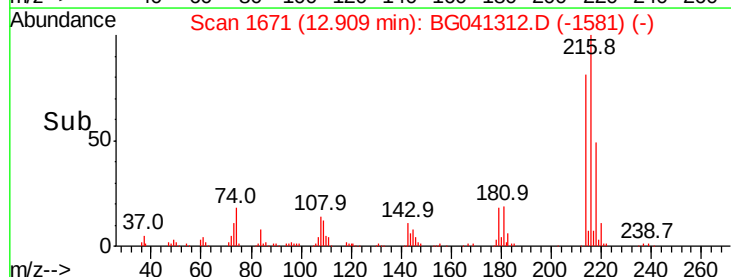


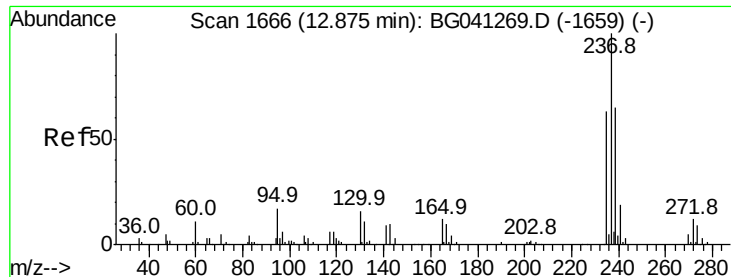
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.649 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

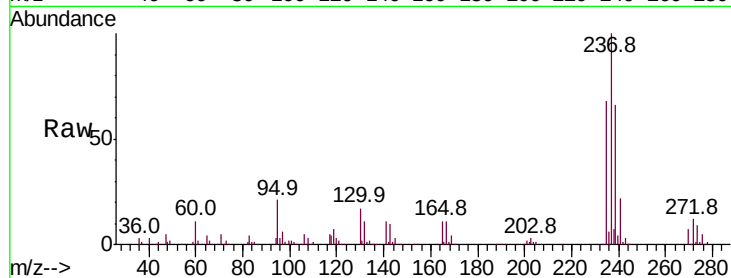
Tot Ion:237 Resp: 166587

Ion Ratio Lower Upper

237 100

235 67.5 42.9 82.9

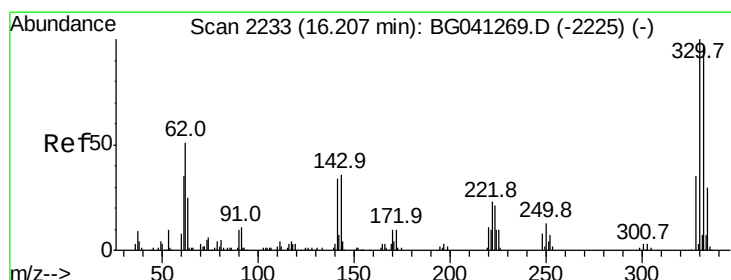
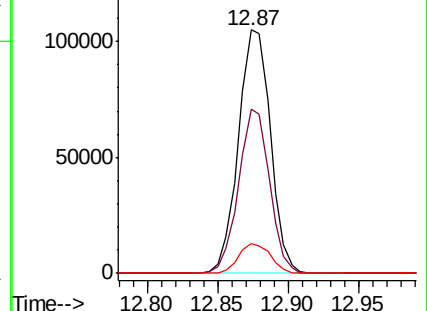
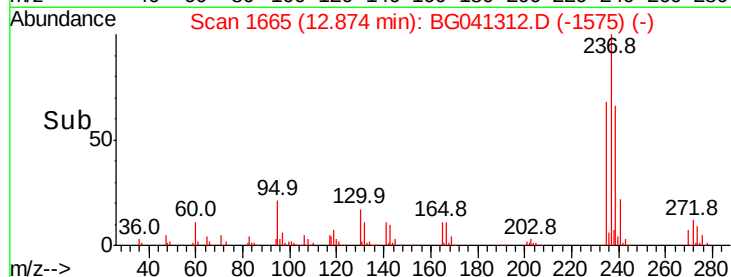
272 12.5 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.986 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

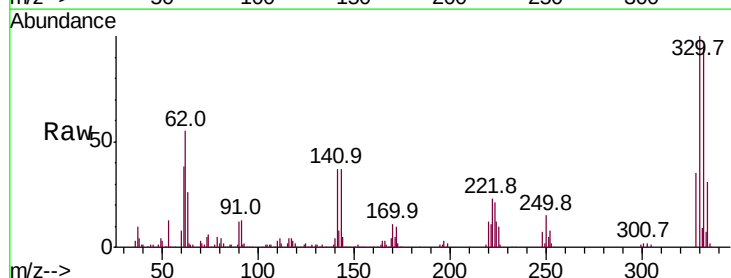
Tgt Ion:330 Resp: 210980

Ion Ratio Lower Upper

330 100

332 95.7 75.5 113.3

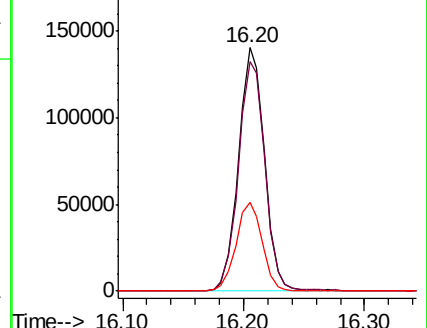
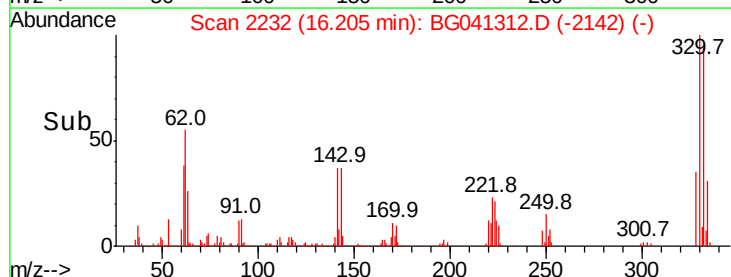
141 36.7 29.0 43.4

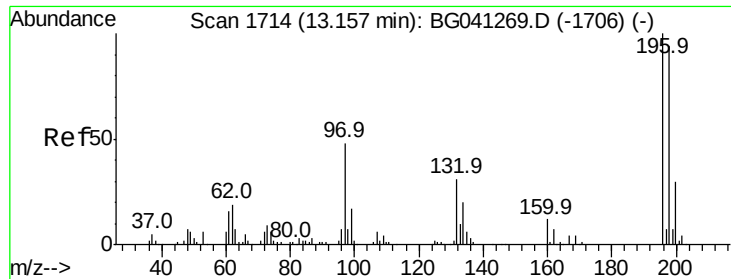


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

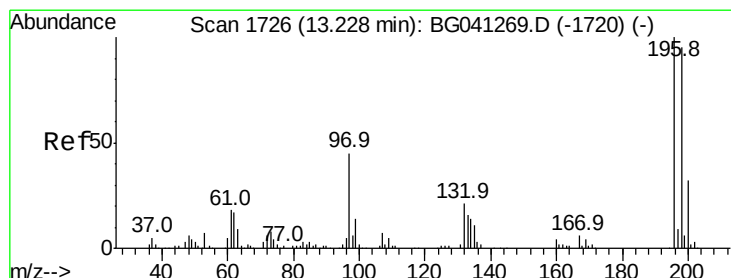
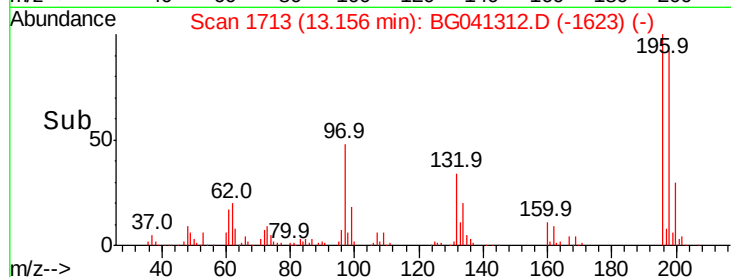
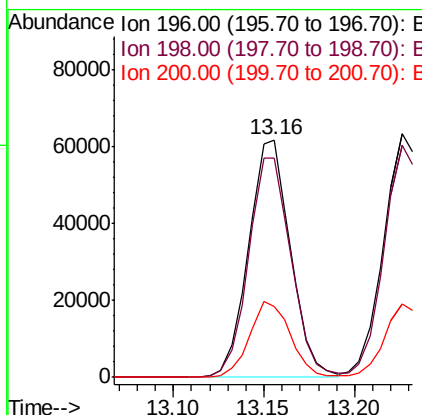
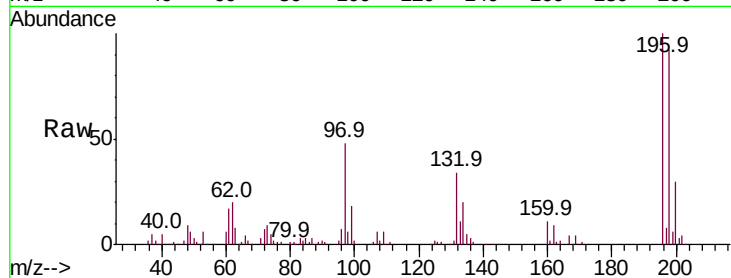




#43
 2,4,6-Trichlorophenol
 Concen: 36.609 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

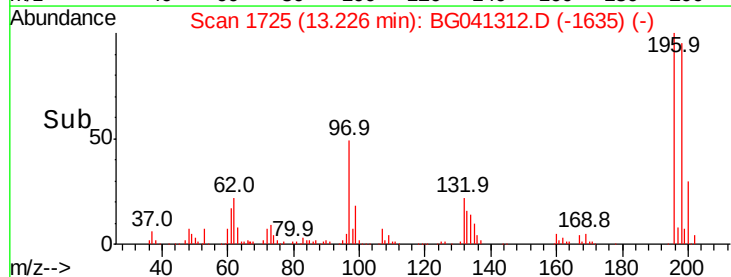
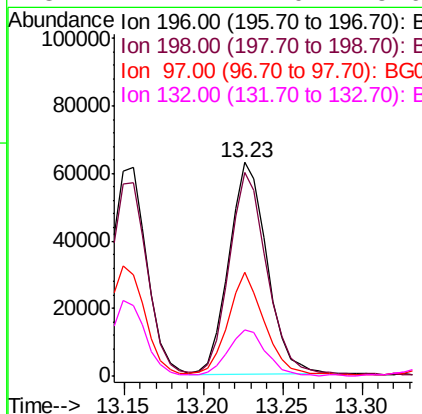
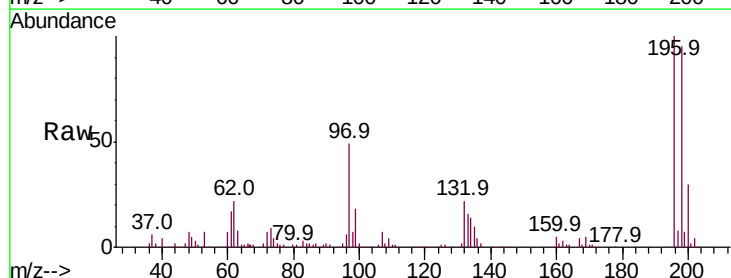
Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

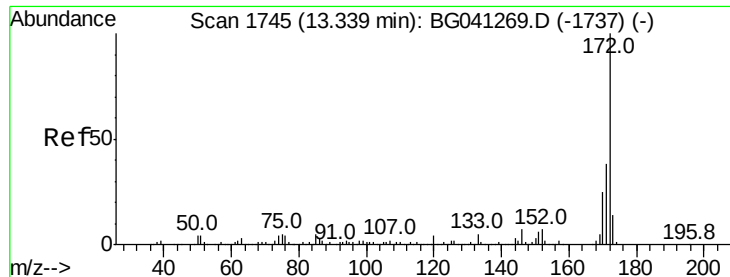
Tot Ion:196 Resp: 98868
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.9 112.3
 200 30.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 37.807 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion:196 Resp: 105059
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.1 114.1
 97 48.7 35.9 53.9
 132 21.7 17.0 25.6

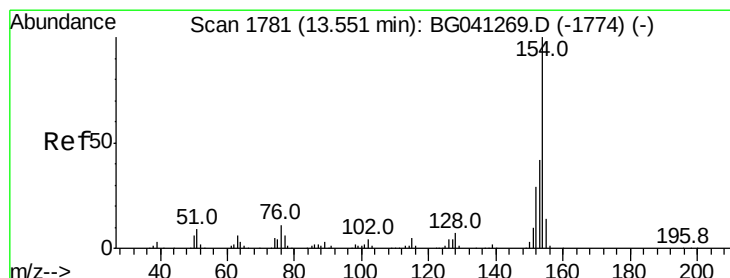
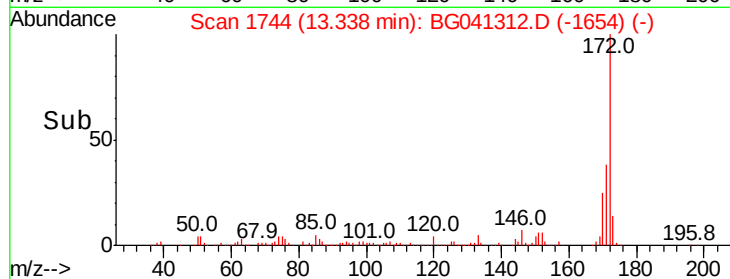
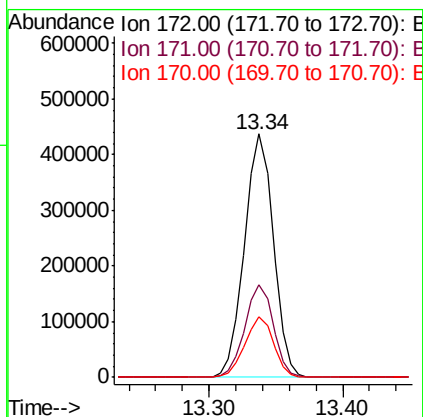
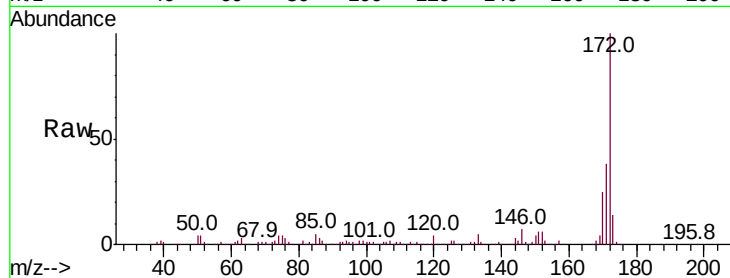




#45
2-Fluorobiphenyl
Concen: 84.018 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

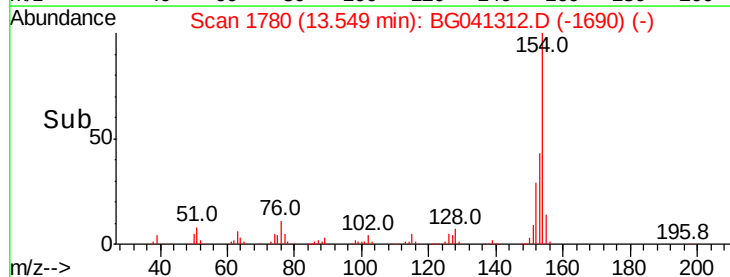
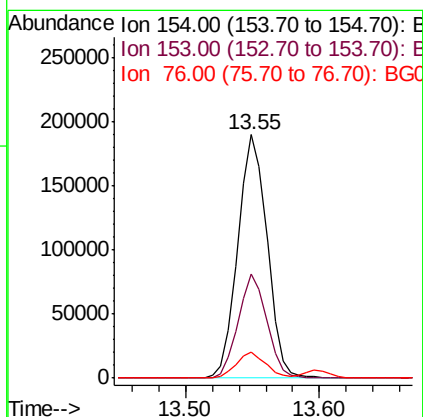
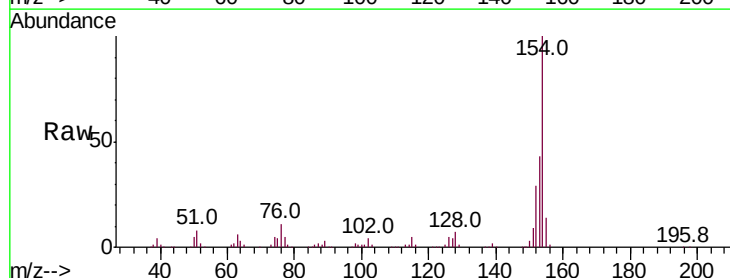
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

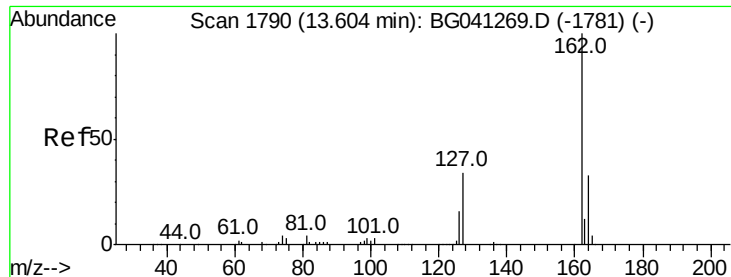
Tot Ion:172 Resp: 653546
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 36.033 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:154 Resp: 288002
Ion Ratio Lower Upper
154 100
153 42.7 22.3 62.3
76 10.5 0.0 30.8

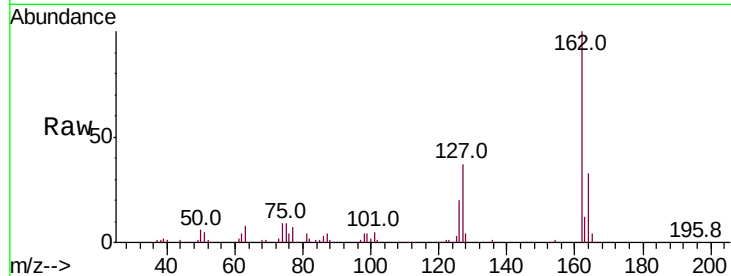




#47
2-Chloronaphthalene
Concen: 34.965 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Instrument :
BNA_G
ClientSampleId :
TP-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.4
164	33.3	26.1	39.1

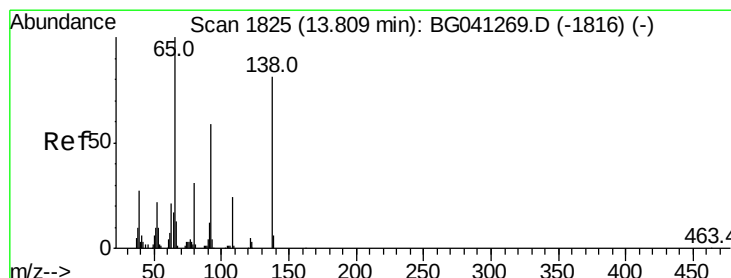
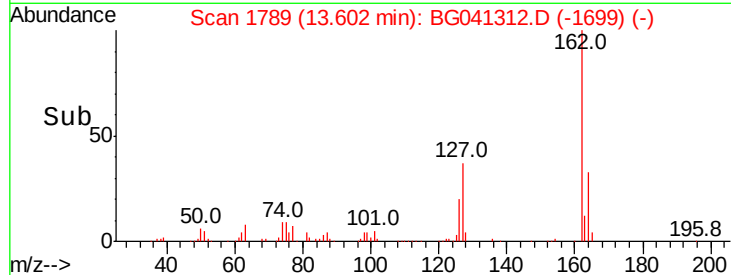
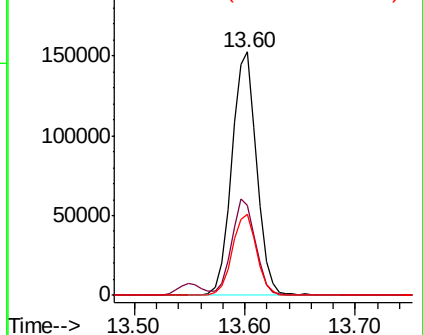


Abundance

Ion 162.00 (161.70 to 162.70): E

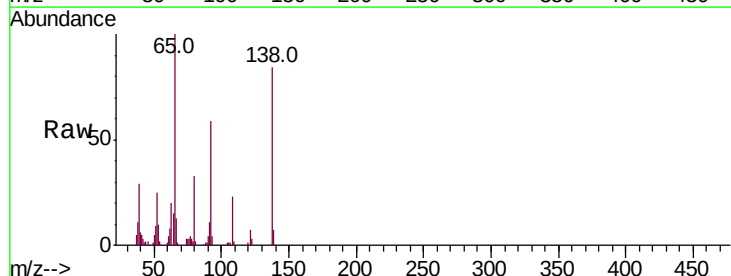
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 33.951 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.7	47.4	71.2
138	84.0	64.7	97.1

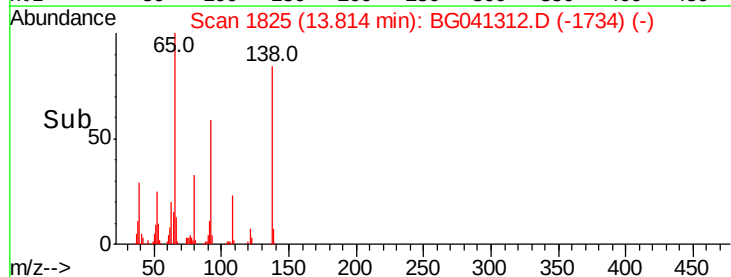
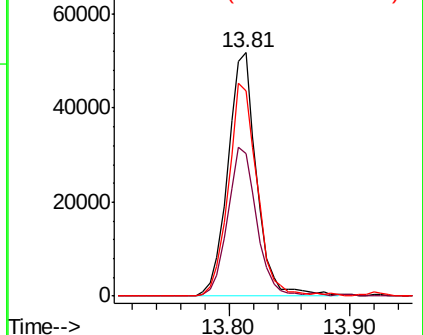


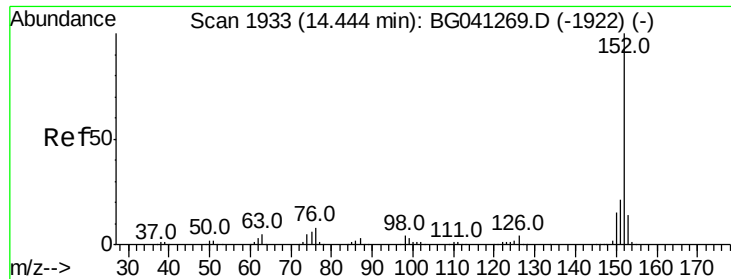
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.952 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

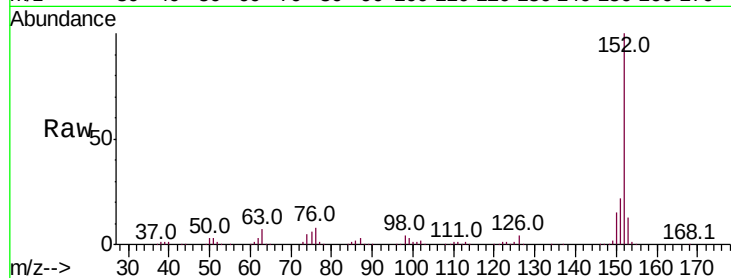
Tot Ion:152 Resp: 375408

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

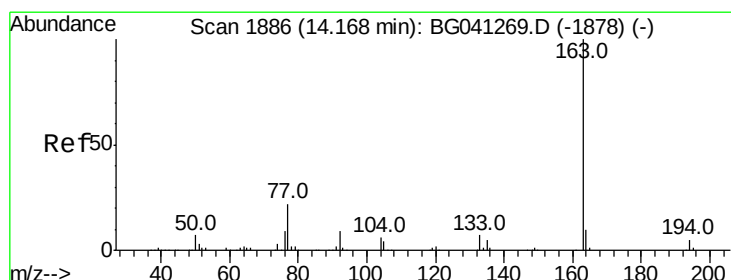
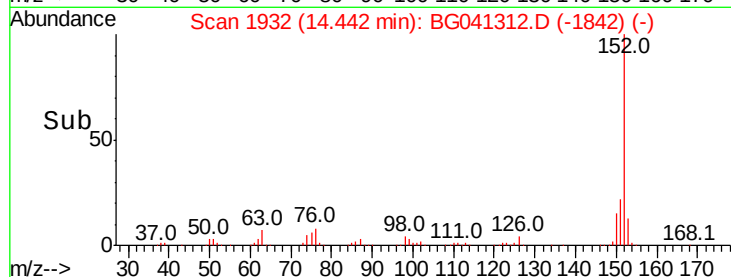
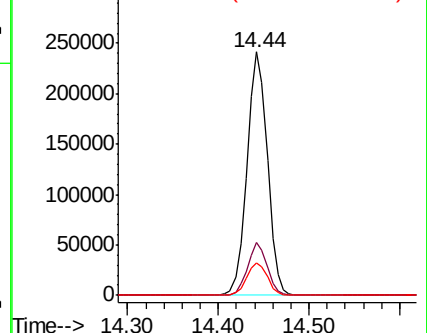
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.286 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

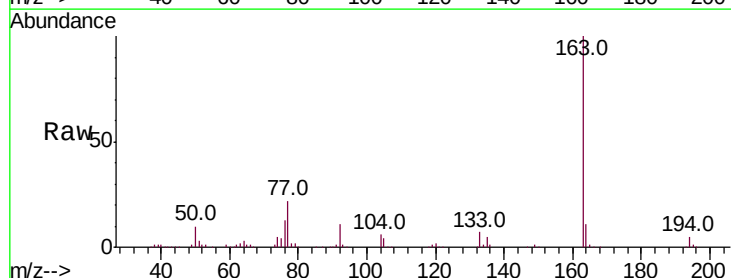
Tgt Ion:163 Resp: 397776

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

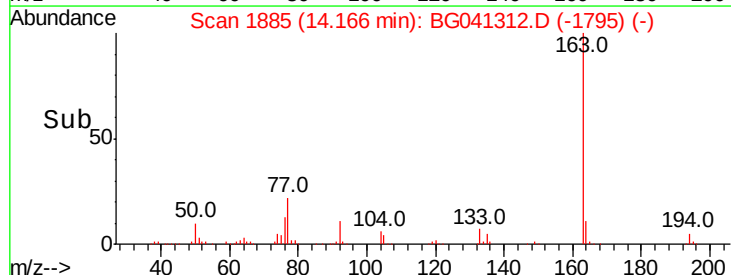
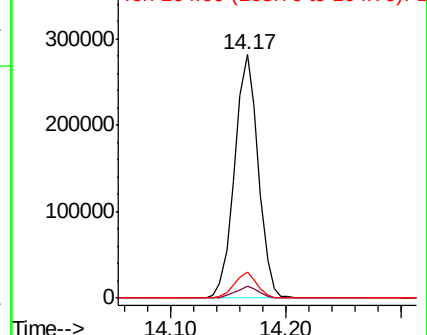
164 10.8 8.3 12.5

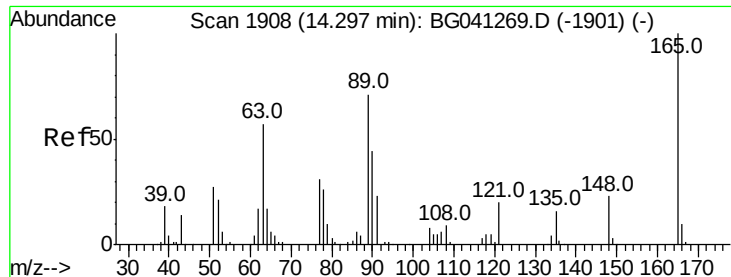


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.944 ng

RT: 14.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

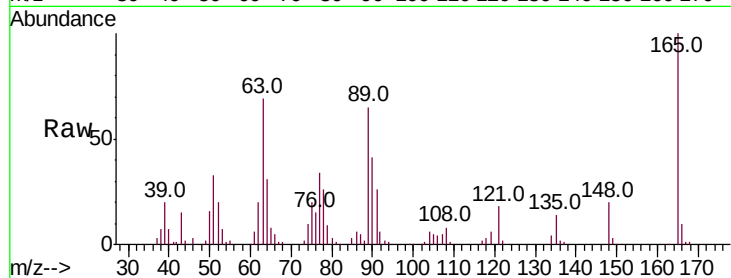
Tot Ion:165 Resp: 71294

Ion Ratio Lower Upper

165 100

63 69.4 55.4 83.0

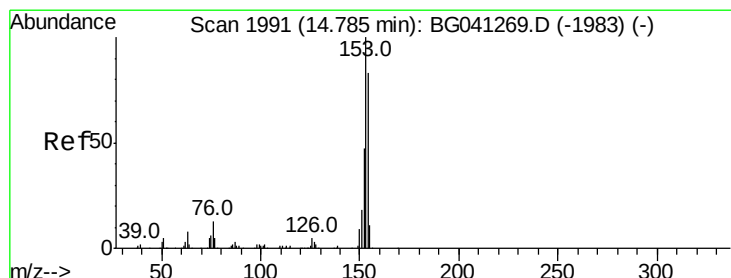
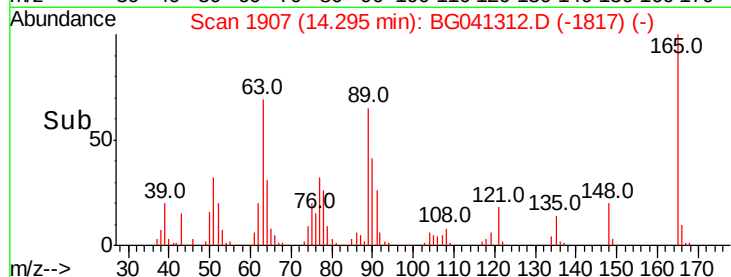
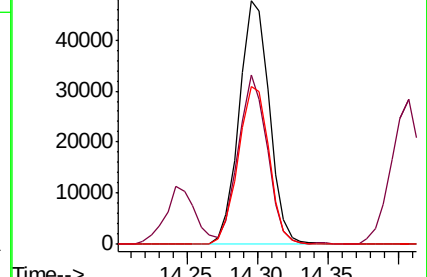
89 64.8 56.5 84.7



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



#52

Acenaphthene

Concen: 35.122 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

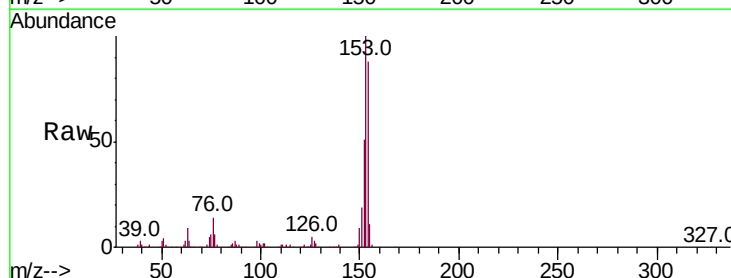
Tgt Ion:154 Resp: 215357

Ion Ratio Lower Upper

154 100

153 113.7 96.6 145.0

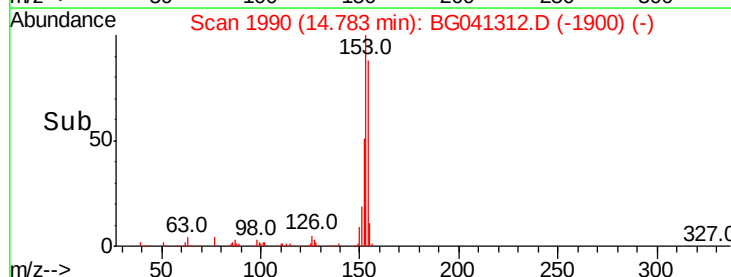
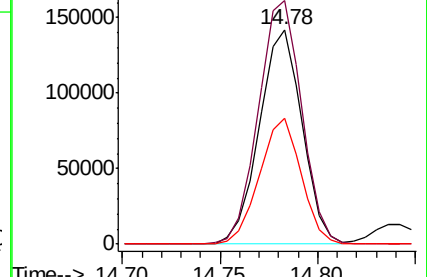
152 58.5 45.5 68.3

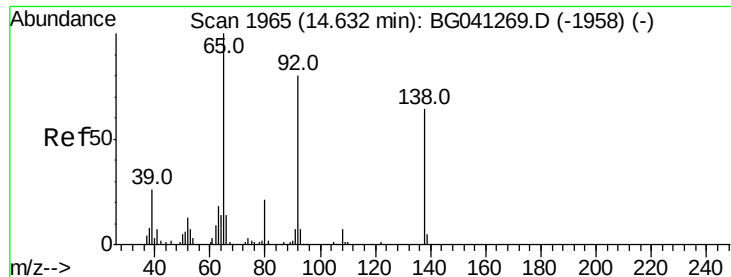


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

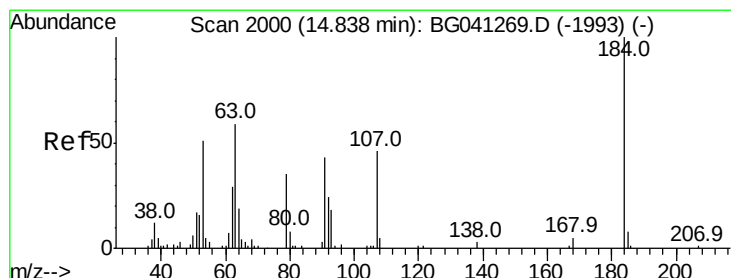
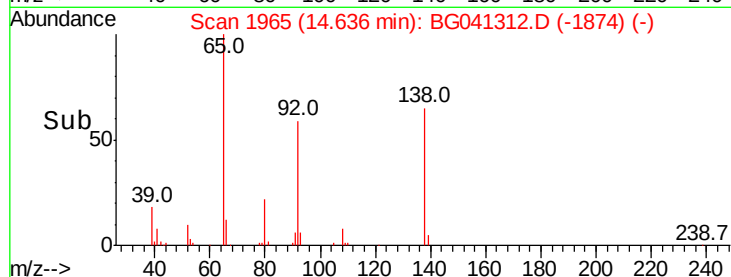
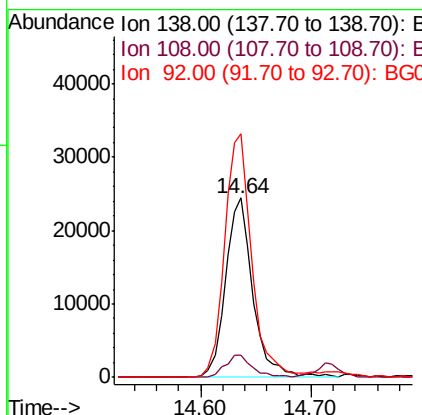
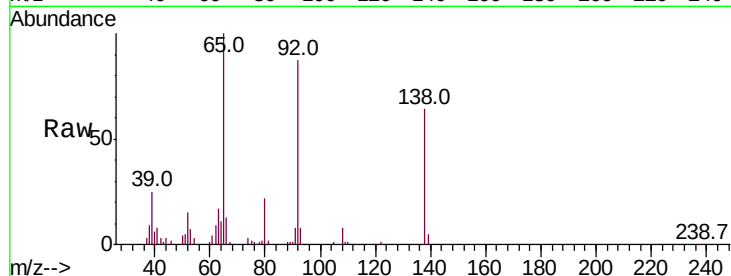




#53
3-Nitroaniline
Concen: 21.500 ng
RT: 14.64 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

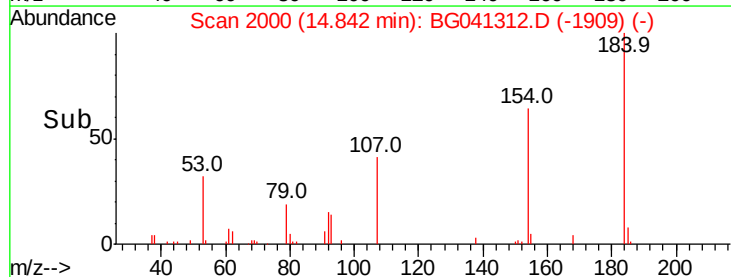
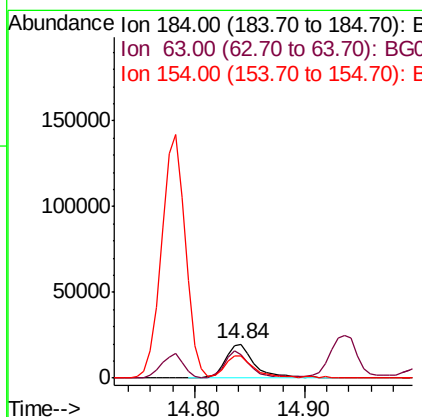
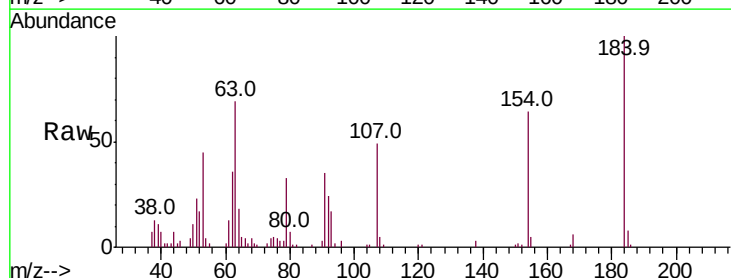
Instrument :
BNA_G
ClientSampled :
TP-AMSD

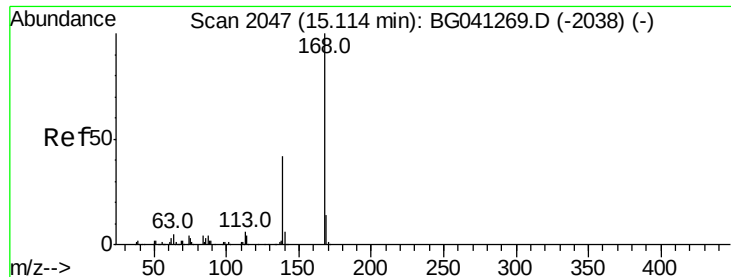
Tot Ion:138 Resp: 42016
Ion Ratio Lower Upper
138 100
108 12.6 8.3 12.5#
92 136.0 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 28.864 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:184 Resp: 36463
Ion Ratio Lower Upper
184 100
63 68.6 60.0 90.0
154 64.4 58.3 87.5





#55

Dibenzofuran

Concen: 35.477 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

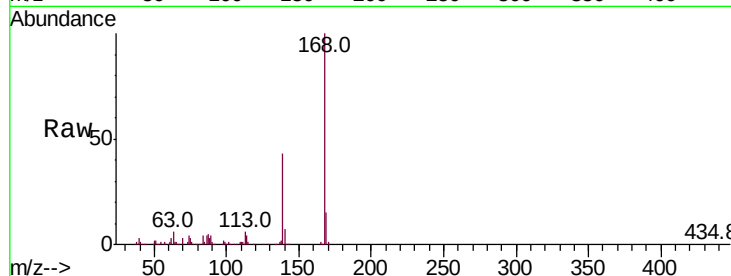
Tot Ion:168 Resp: 378223

Ion Ratio Lower Upper

168 100

139 42.7 33.6 50.4

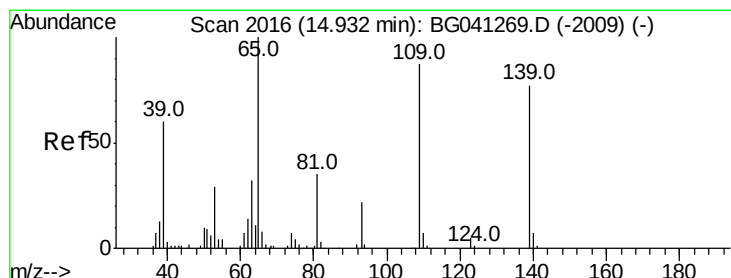
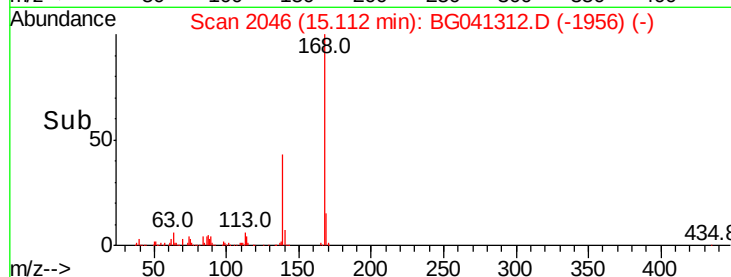
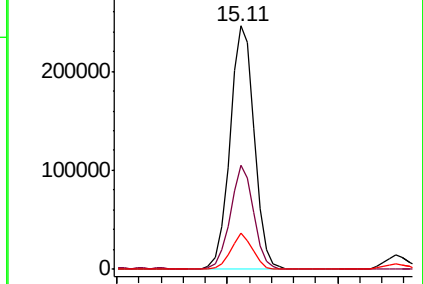
169 14.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.059 ng

RT: 14.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

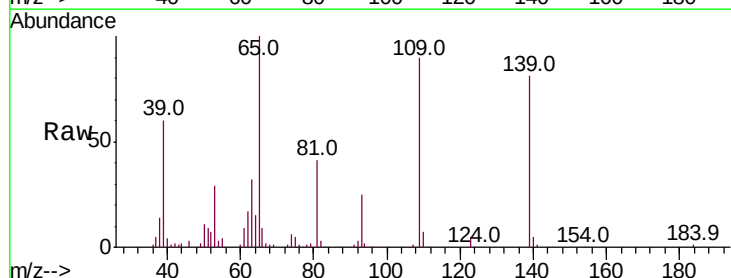
Tgt Ion:139 Resp: 104936

Ion Ratio Lower Upper

139 100

109 110.9 93.2 133.2

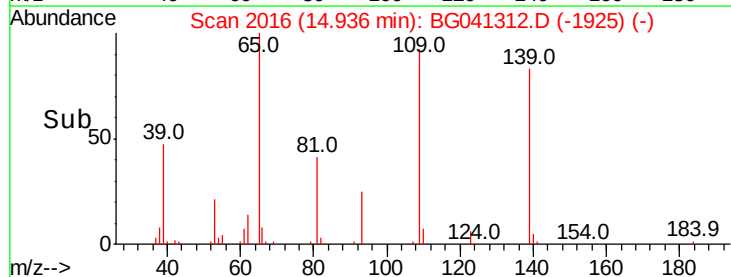
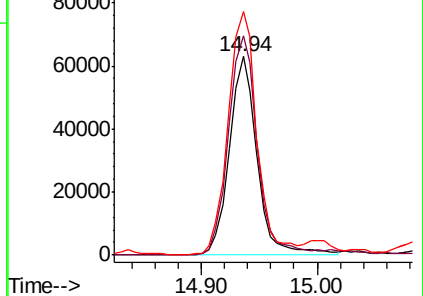
65 122.8 110.2 150.2

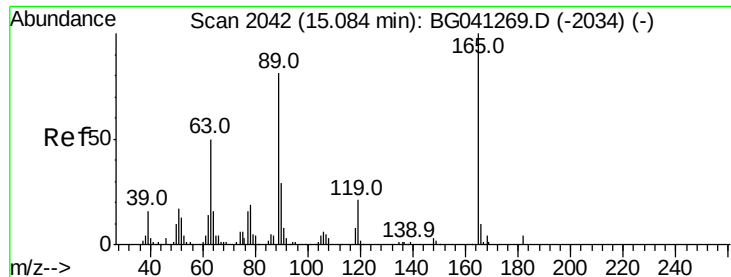


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

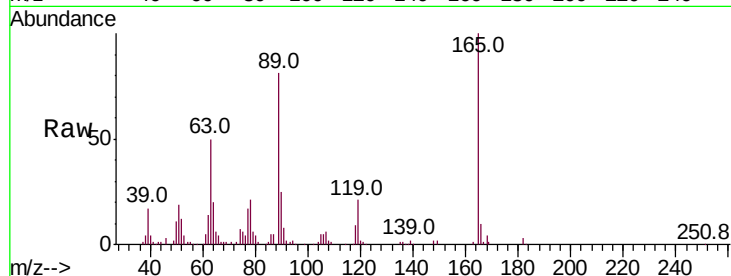




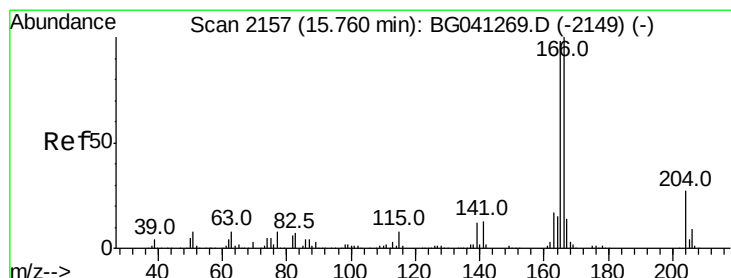
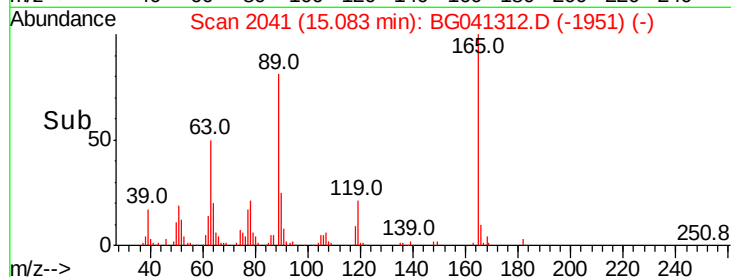
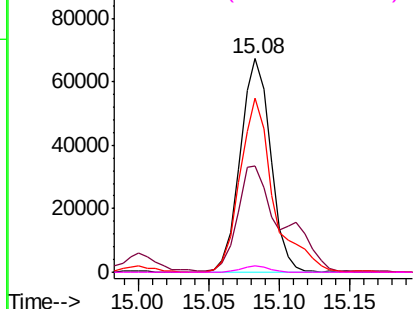
#57
2,4-Dinitrotoluene
Concen: 35.013 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Instrument :
BNA_G
ClientSampled :
TP-AMSD

Tot Ion:165 Resp: 101518
Ion Ratio Lower Upper
165 100
63 50.0 40.0 60.0
89 81.4 64.6 96.8
182 3.0 2.9 4.3

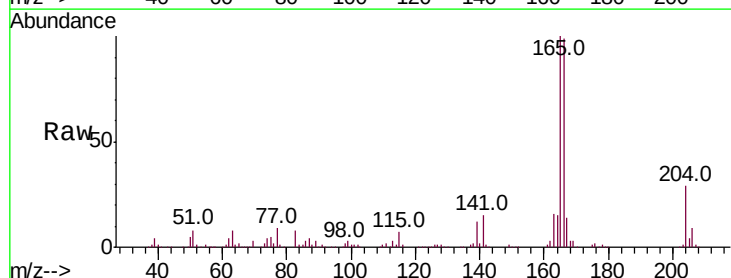


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

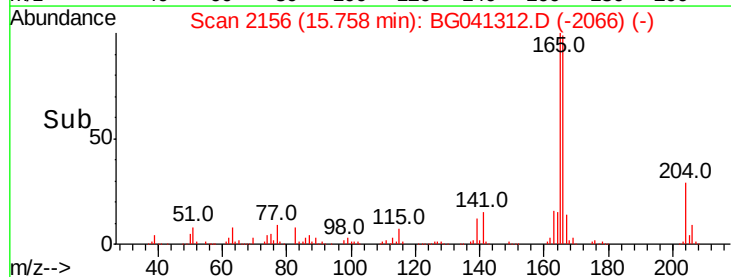
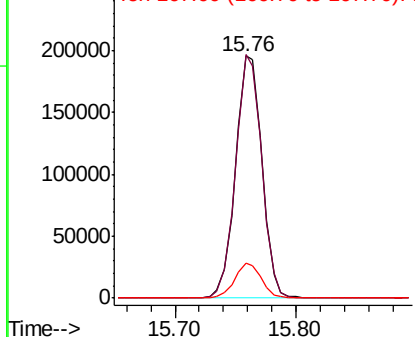


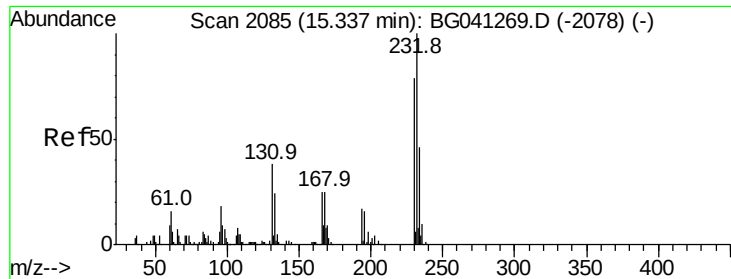
#58
Fluorene
Concen: 35.587 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:166 Resp: 298443
Ion Ratio Lower Upper
166 100
165 100.6 78.8 118.2
167 14.4 11.3 16.9



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

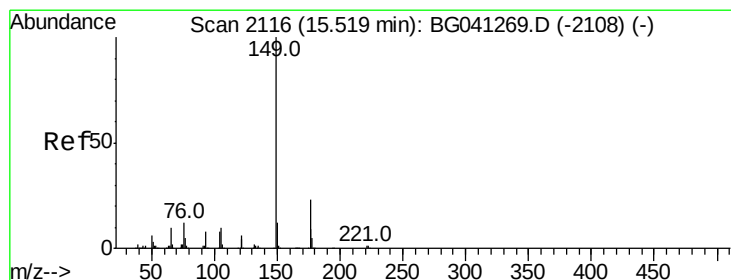
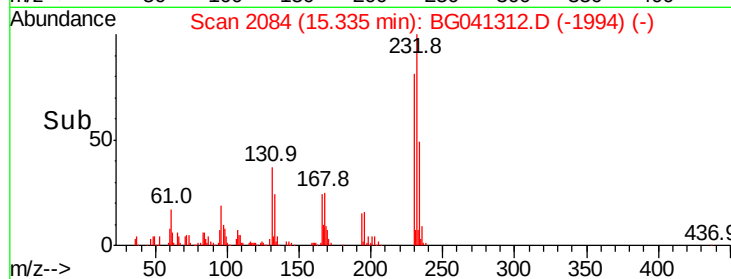
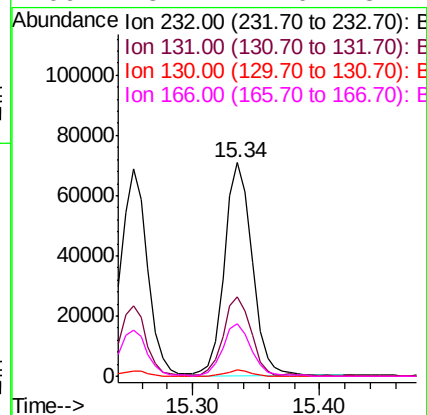
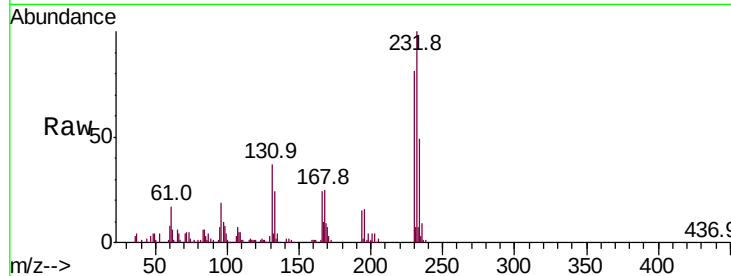




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.501 ng
 RT: 15.34 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

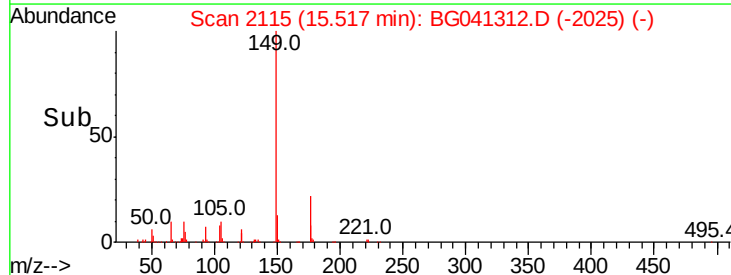
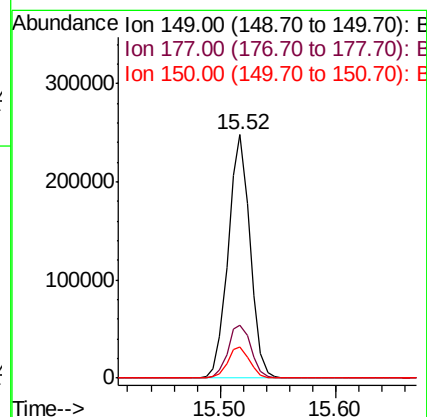
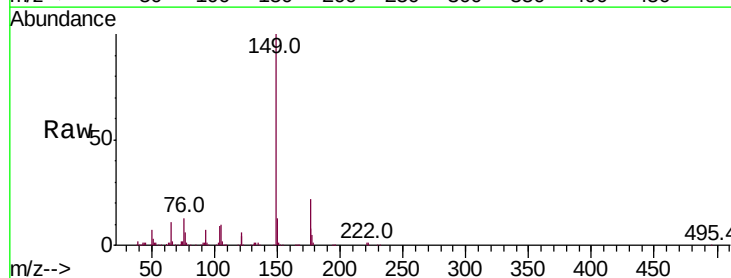
Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

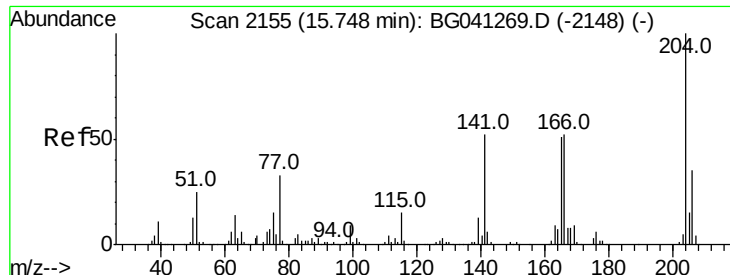
Tot Ion	Ratio	Lower	Upper
232	100		
131	37.1	29.0	43.6
130	2.7	1.6	2.4
166	25.4	21.0	31.4



#60
 Diethylphthalate
 Concen: 33.815 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.4	27.6
150	12.6	9.9	14.9

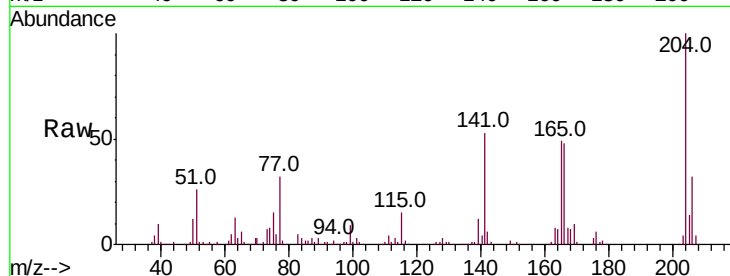




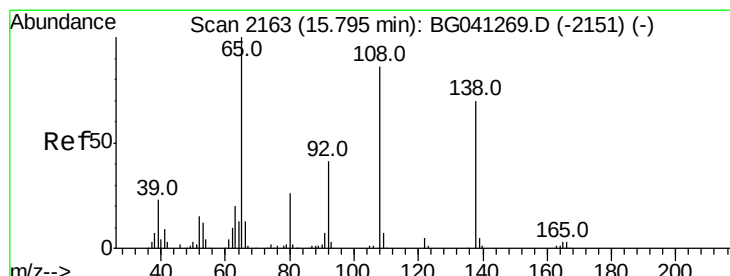
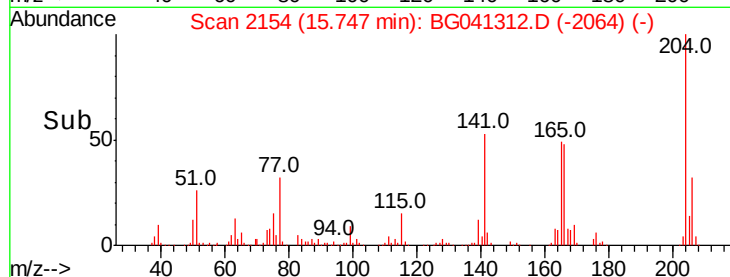
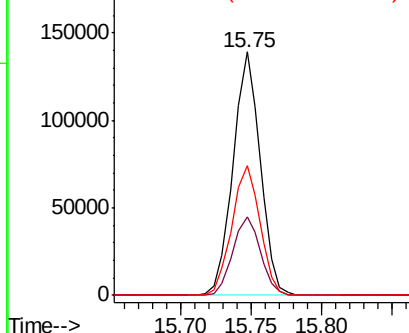
#61
 4-Chlorophenyl-phenylether
 Concen: 34.142 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

Tot Ion:204 Resp: 186296
 Ion Ratio Lower Upper
 204 100
 206 32.2 27.9 41.9
 141 53.3 41.4 62.0

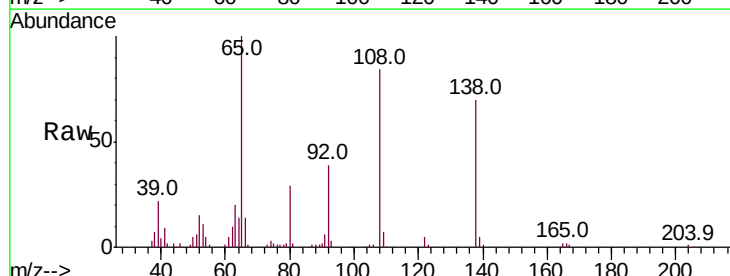


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

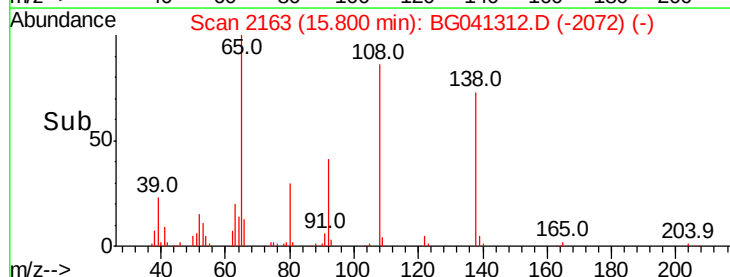
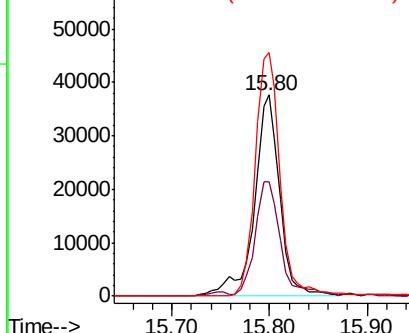


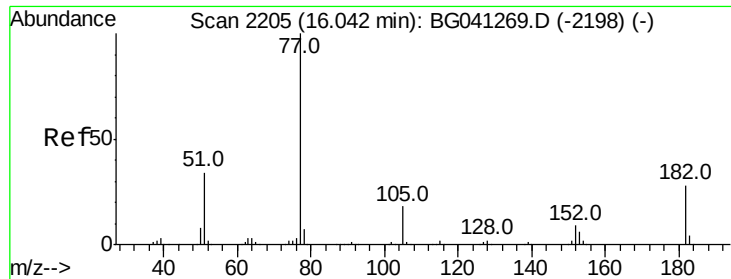
#62
 4-Nitroaniline
 Concen: 32.987 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion:138 Resp: 68946
 Ion Ratio Lower Upper
 138 100
 92 56.6 38.8 78.8
 108 121.0 103.4 143.4



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





#63

Azobenzene

Concen: 35.244 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

Tot Ion: 77 Resp: 300629

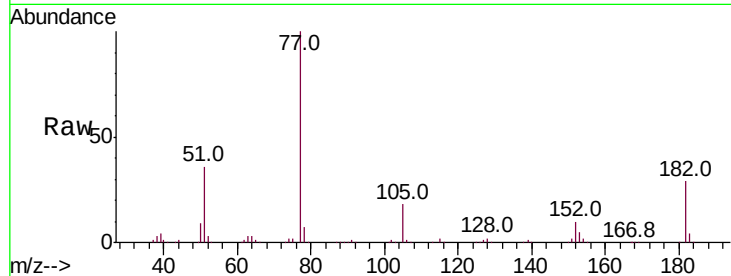
Ion Ratio Lower Upper

77 100

182 28.5 7.5 47.5

105 18.0 0.0 37.7

51 36.2 14.6 54.6

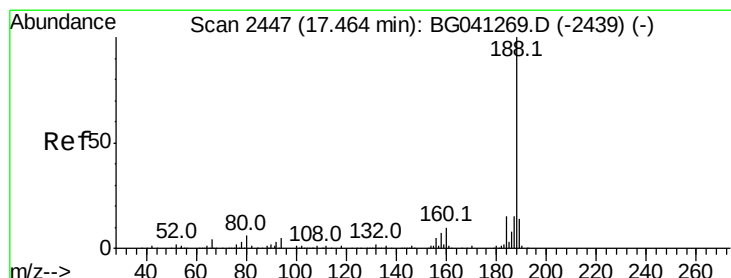
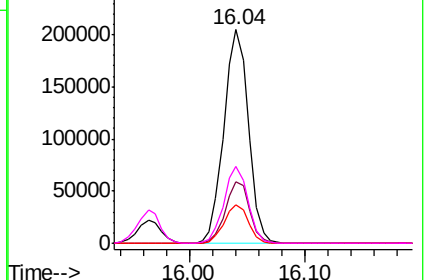
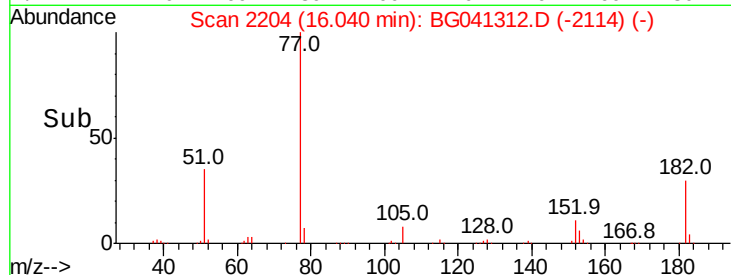


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

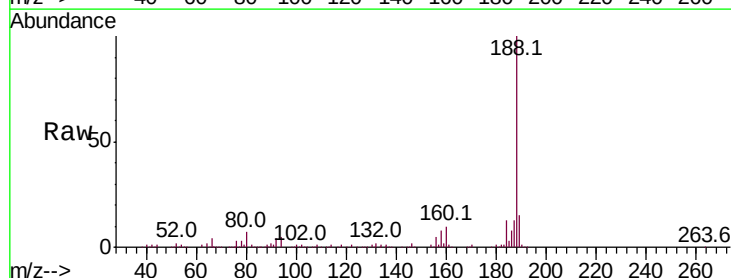
Tgt Ion: 188 Resp: 265647

Ion Ratio Lower Upper

188 100

94 4.5 3.6 5.4

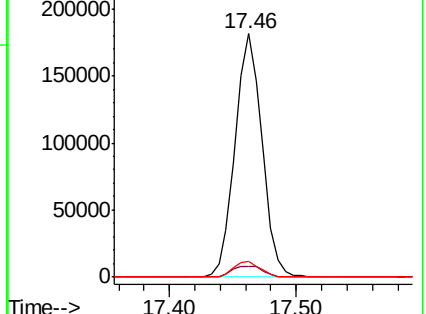
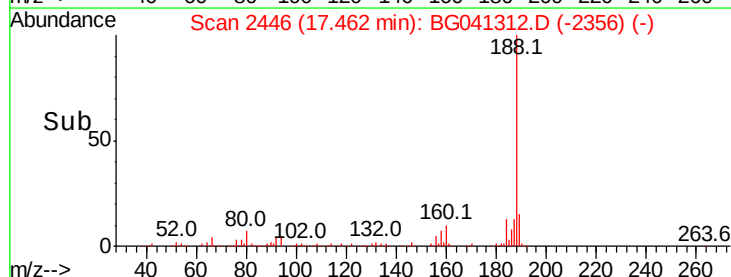
80 6.5 4.8 7.2

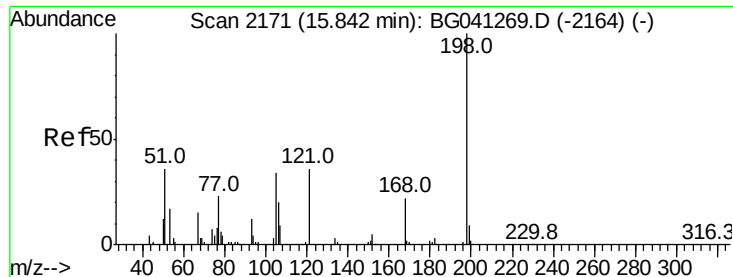


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.121 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampled :

TP-AMSD

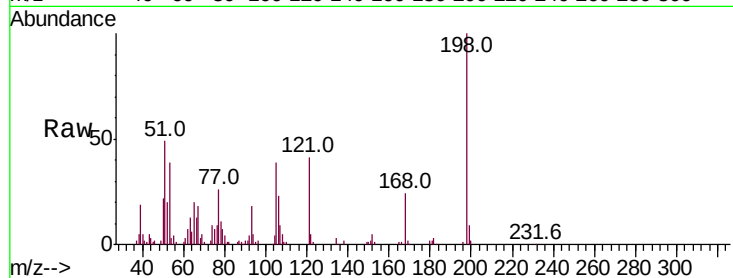
Tot Ion:198 Resp: 51936

Ion	Ratio	Lower	Upper
198	100		
51	49.3	23.4	63.4
105	38.7	15.8	55.8

198 100

51 49.3 23.4 63.4

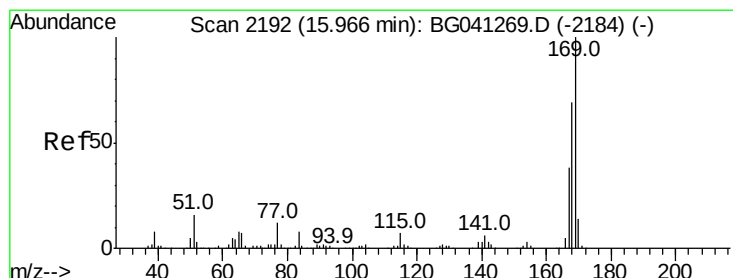
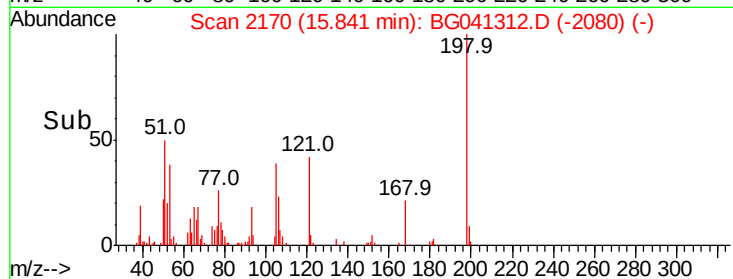
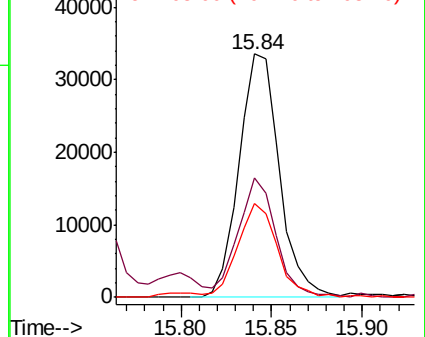
105 38.7 15.8 55.8



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



#66

n-Nitrosodiphenylamine

Concen: 38.125 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

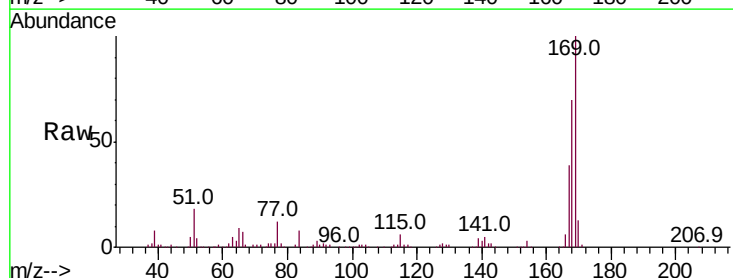
Tgt Ion:169 Resp: 268915

Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.2	82.8
167	39.3	30.4	45.6

169 100

168 69.7 55.2 82.8

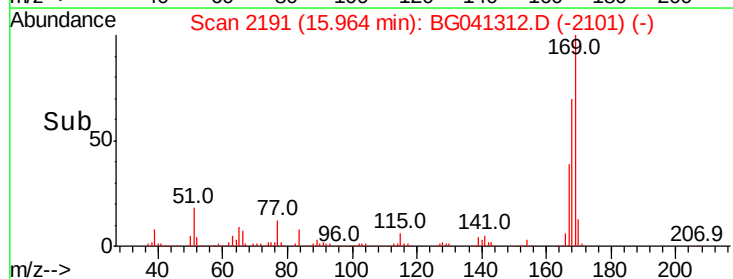
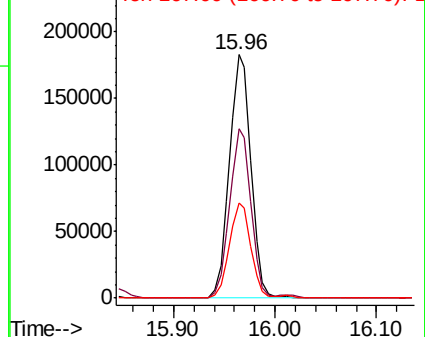
167 39.3 30.4 45.6

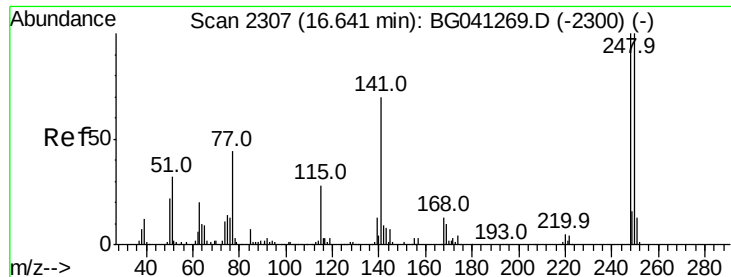


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 35.902 ng

RT: 16.65 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

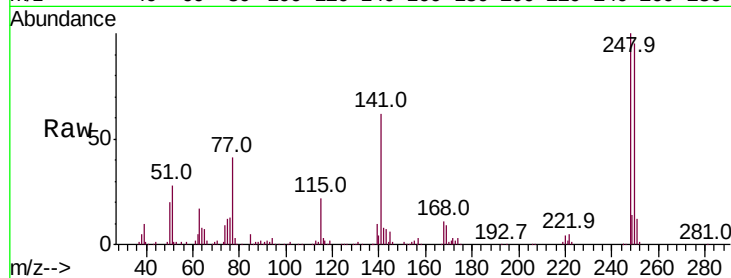
Tot Ion:248 Resp: 123321

Ion Ratio Lower Upper

248 100

250 94.8 79.8 119.8

141 61.6 55.8 83.6

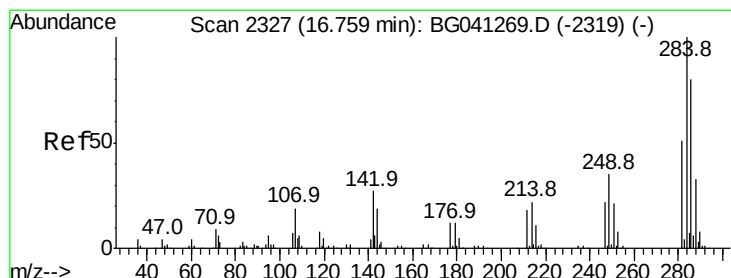
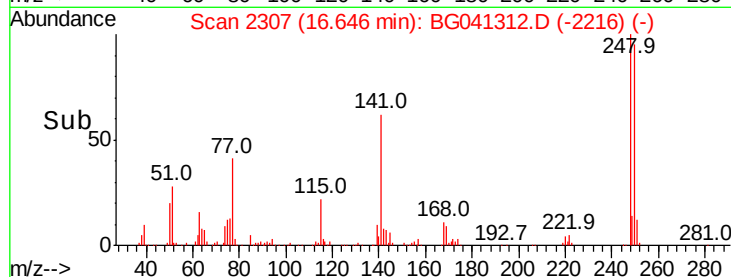
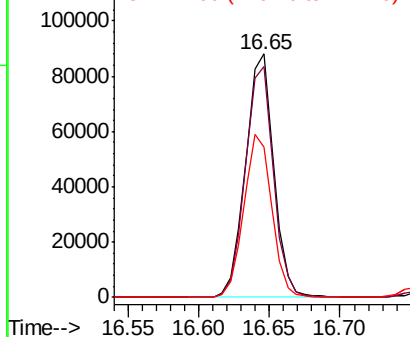


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.121 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

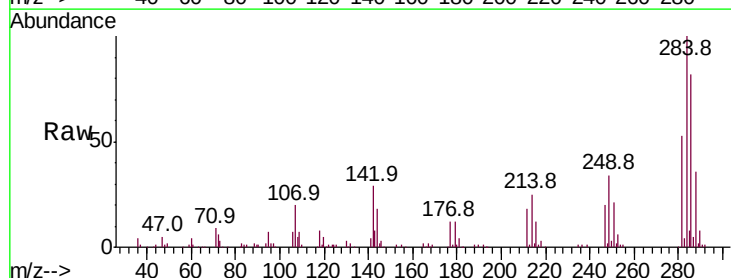
Tgt Ion:284 Resp: 129182

Ion Ratio Lower Upper

284 100

142 28.6 21.8 32.8

249 34.0 27.8 41.6

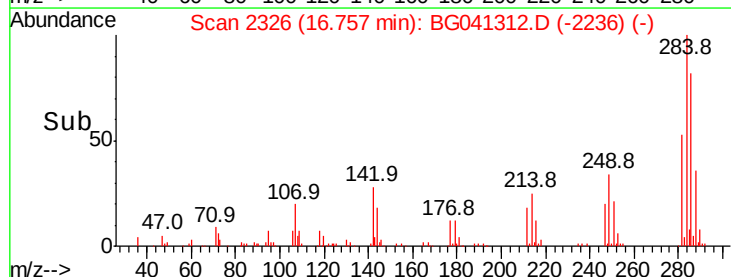
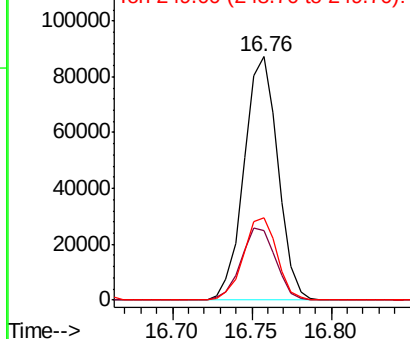


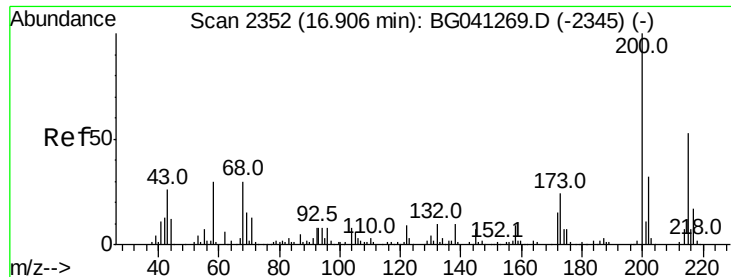
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

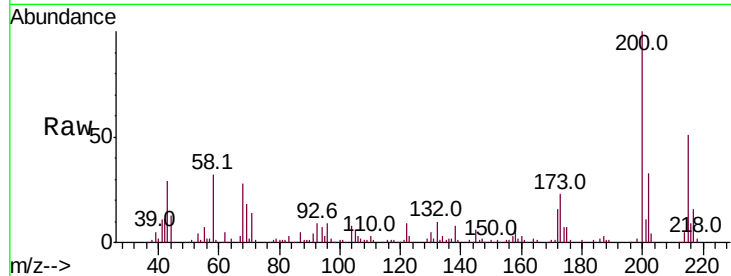




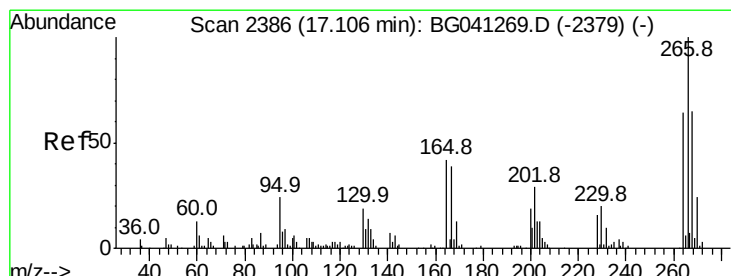
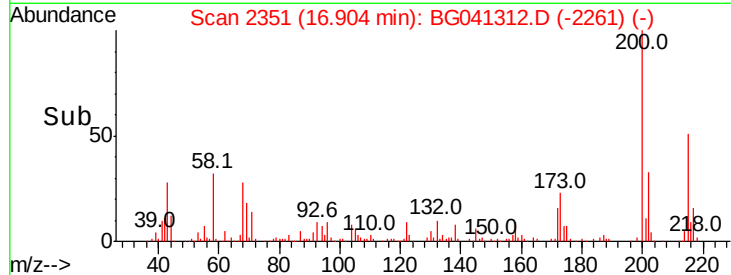
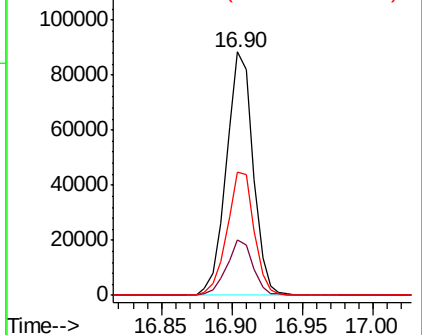
#69
Atrazine
Concen: 47.985 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Instrument :
BNA_G
ClientSampleId :
TP-AMSD

Tot Ion:200 Resp: 116721
Ion Ratio Lower Upper
200 100
173 22.8 4.0 44.0
215 50.6 33.4 73.4

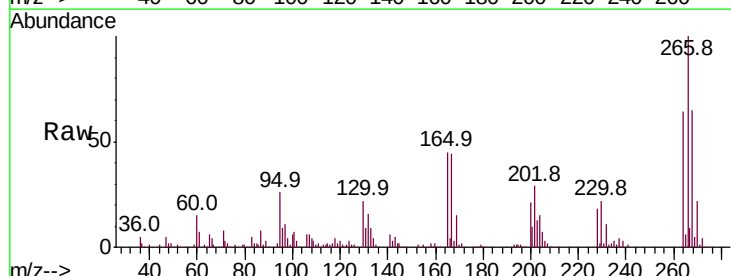


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

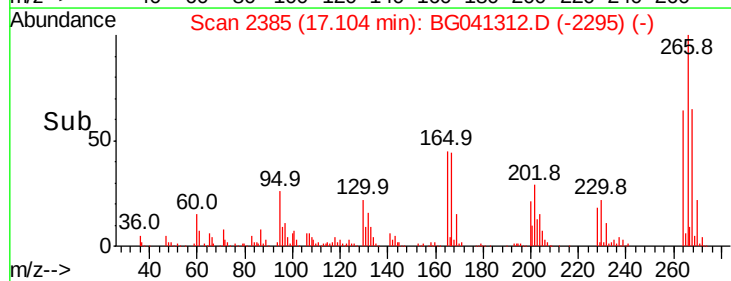
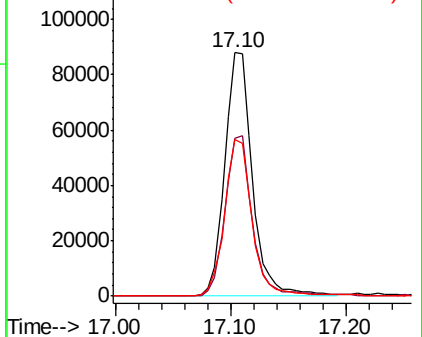


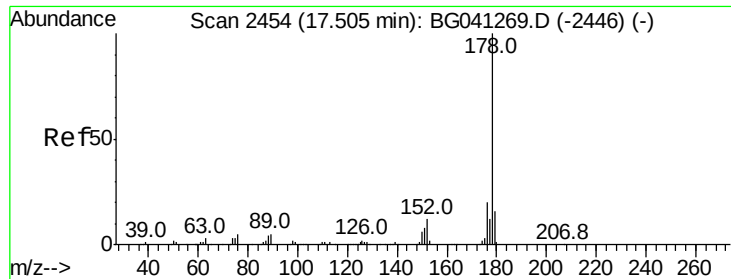
#70
Pentachlorophenol
Concen: 77.671 ng
RT: 17.10 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:266 Resp: 146290
Ion Ratio Lower Upper
266 100
268 64.9 52.0 78.0
264 64.2 51.2 76.8



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

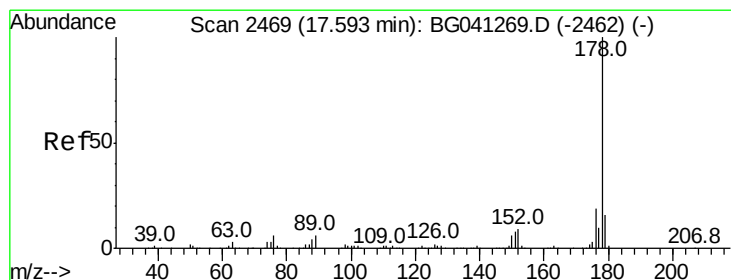
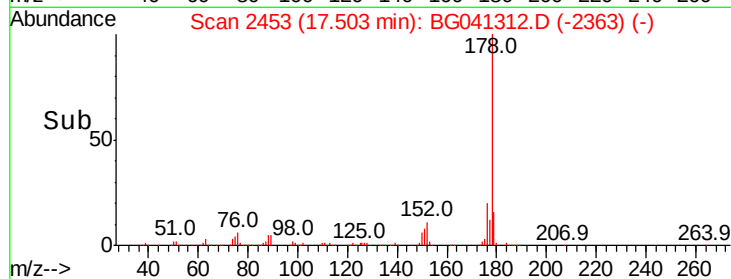
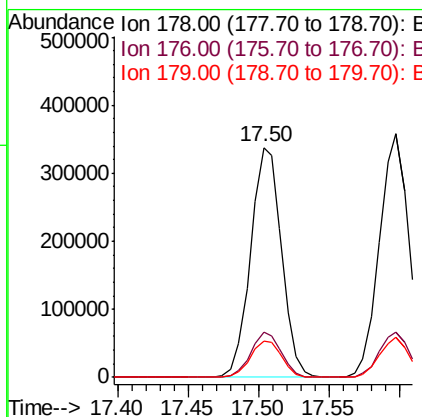
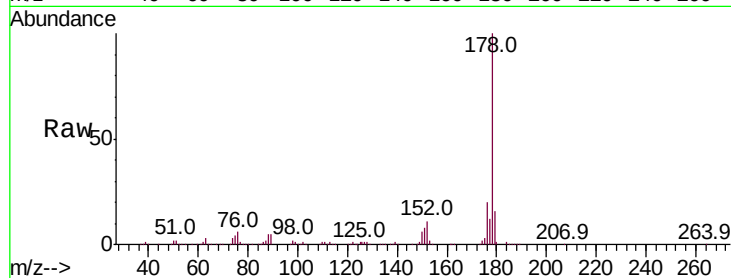




#71
Phenanthrene
Concen: 36.682 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

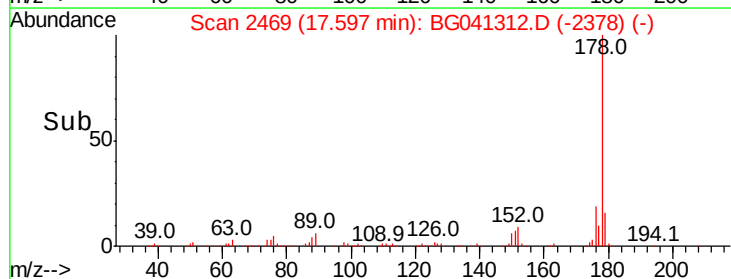
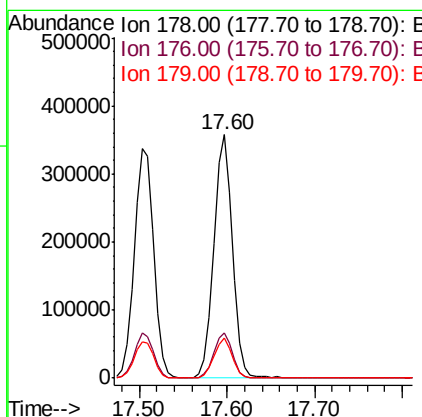
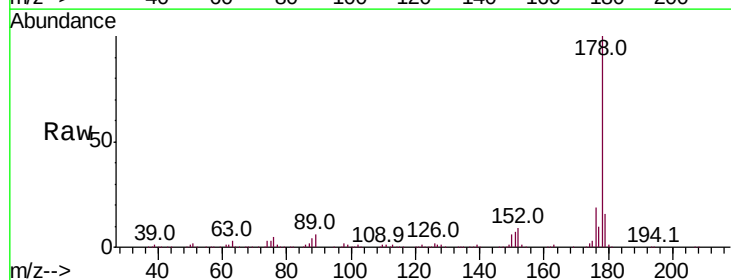
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

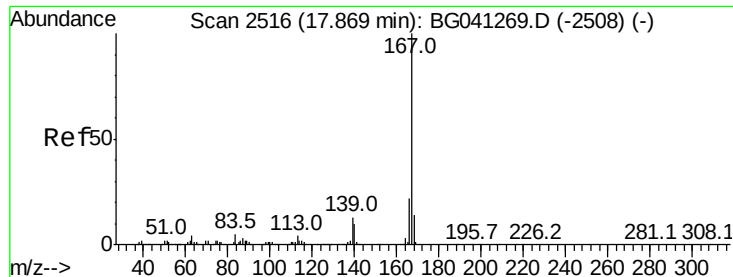
Tot Ion:178 Resp: 519707
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 16.0 12.9 19.3



#72
Anthracene
Concen: 37.752 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:178 Resp: 527301
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.3 13.0 19.4

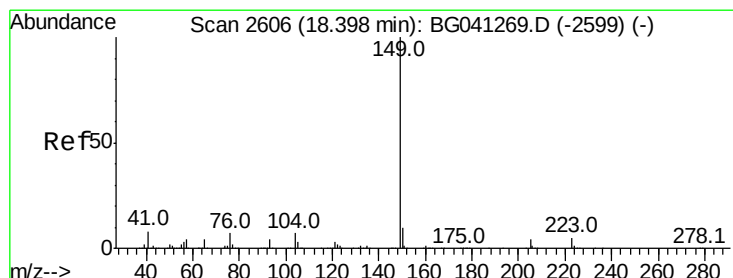
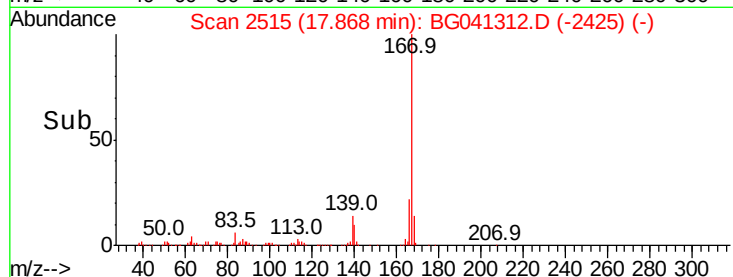
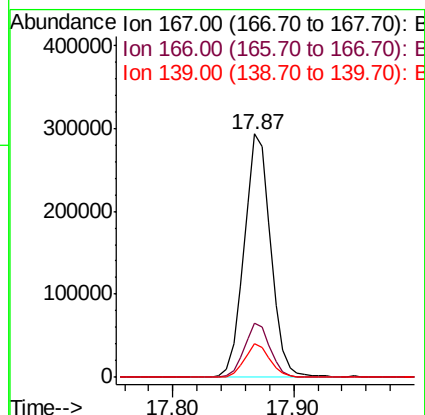
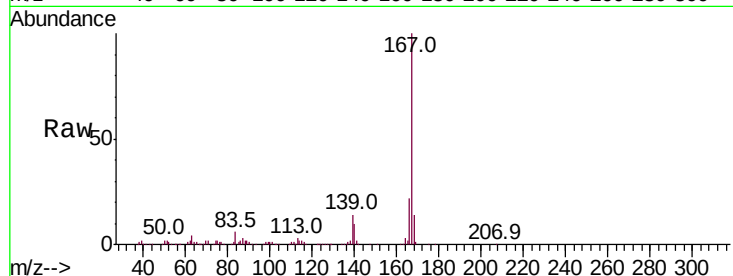




#73
 Carbazole
 Concen: 36.842 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

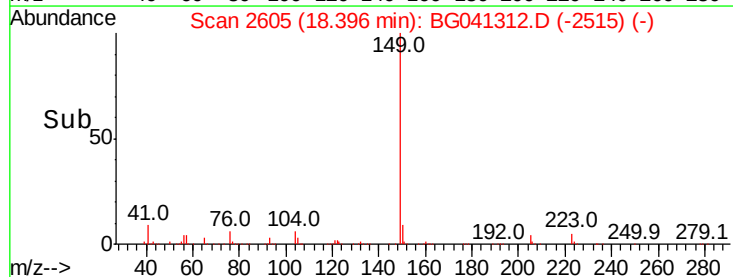
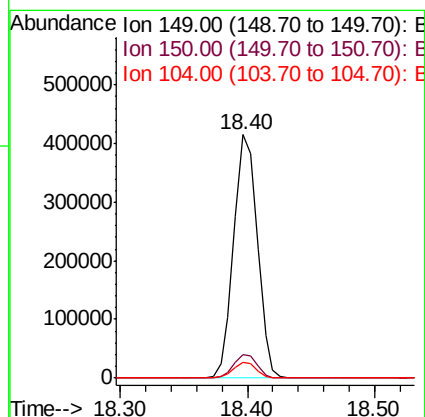
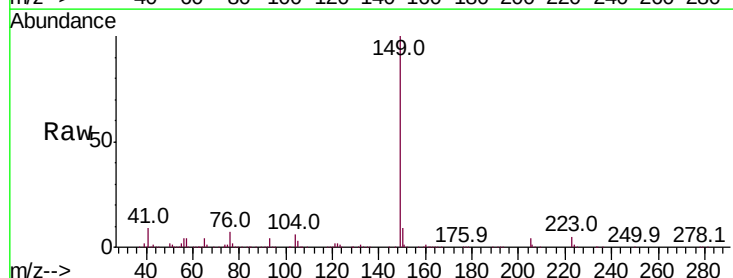
Instrument :
 BNA_G
 ClientSampleId :
 TP-AMSD

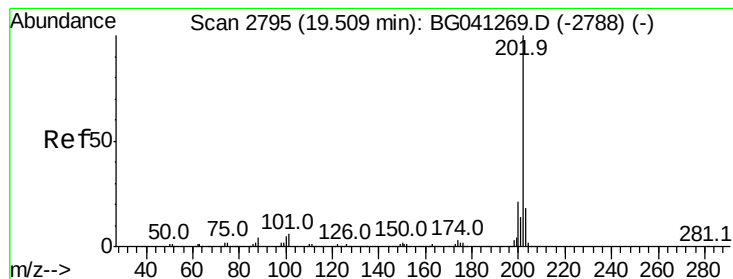
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	14.1	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 35.087 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG041312.D
 Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	6.5	5.4	8.0

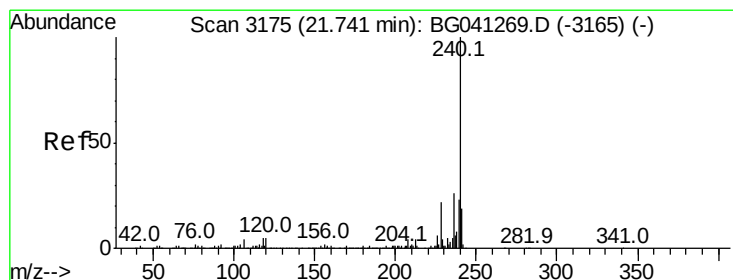
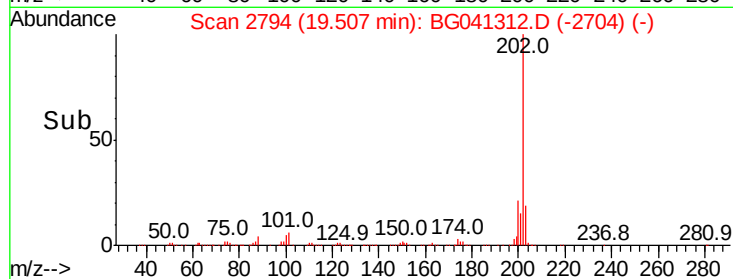
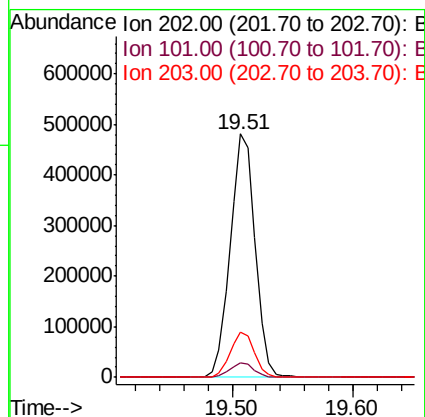
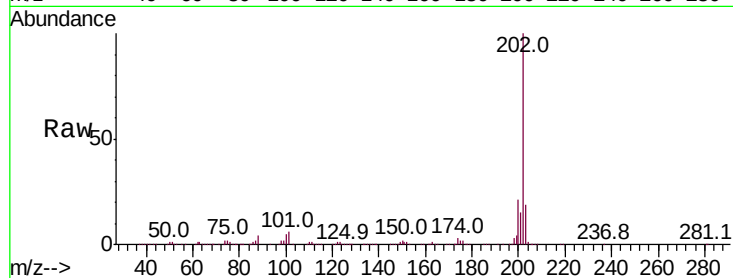




#75
Fluoranthene
Concen: 36.554 ng
RT: 19.51 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

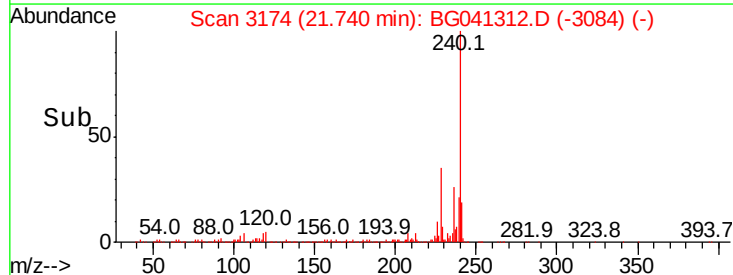
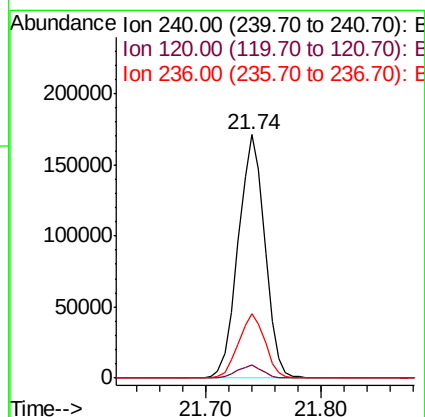
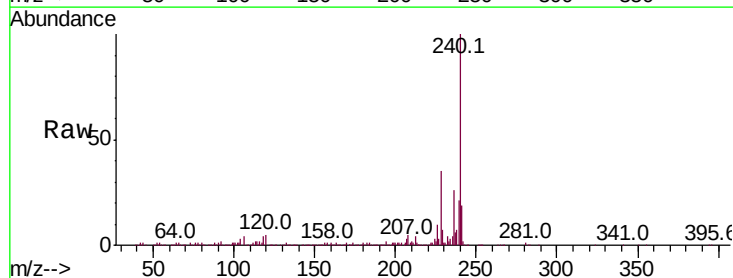
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

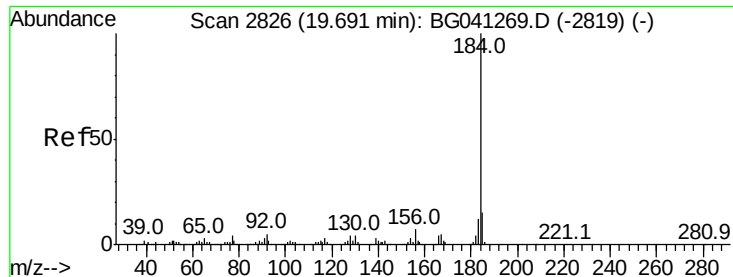
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	26.0
203	18.6	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	3.7	5.5
236	26.2	21.1	31.7





#77

Benzidine

Concen: 53.480 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

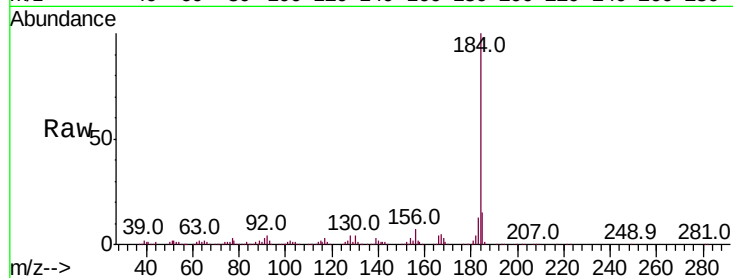
BNA_G

ClientSampleId :

TP-AMSD

Tot Ion:184 Resp: 353285

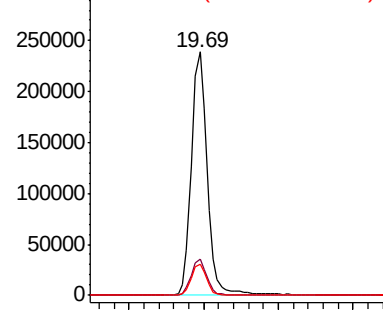
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	13.0	9.6	14.4



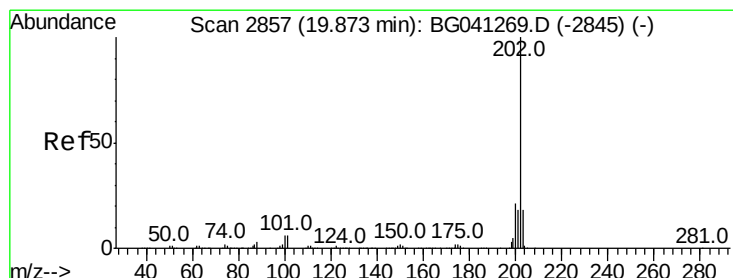
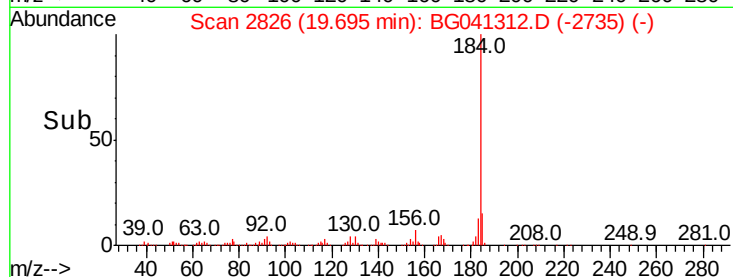
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 37.980 ng

RT: 19.87 min Scan# 2856

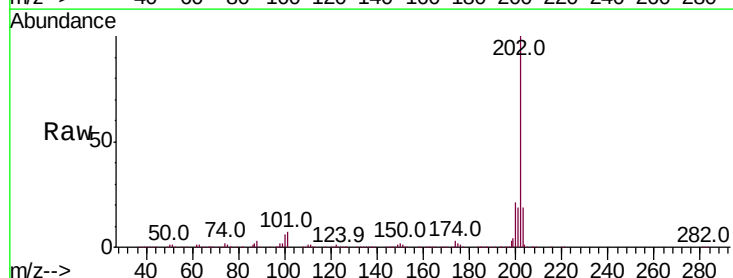
Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Tgt Ion:202 Resp: 699544

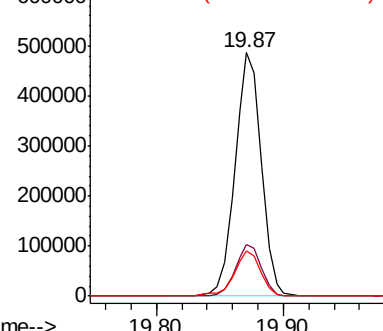
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.5	14.6	21.8



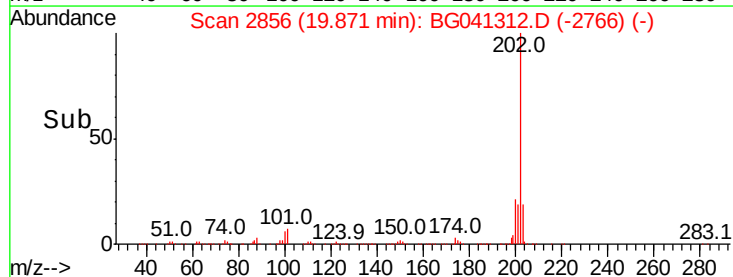
Abundance Ion 202.00 (201.70 to 202.70): E

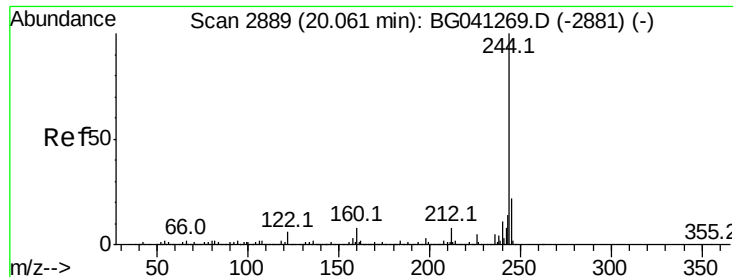
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.439 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

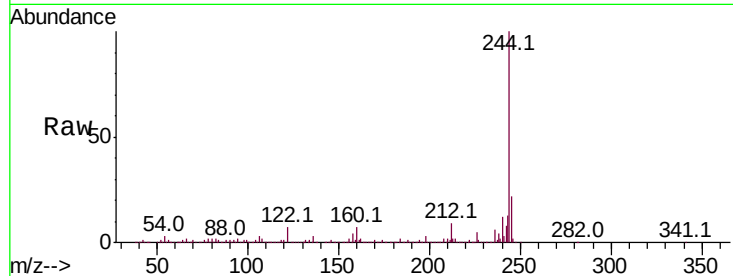
Tot Ion:244 Resp: 1136097

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

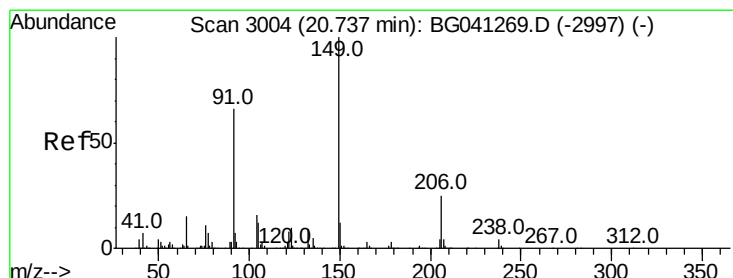
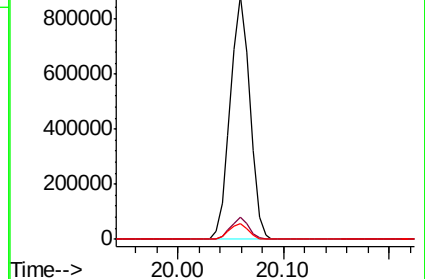
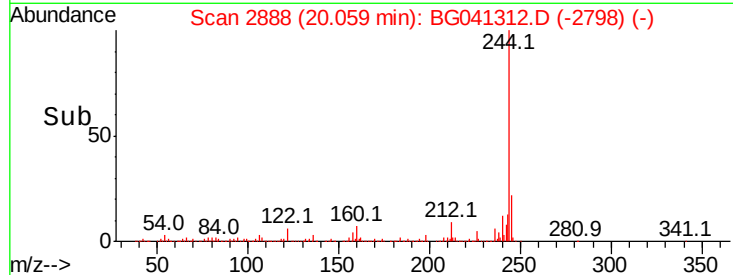
122 6.5 5.0 7.4



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



#80

Butylbenzylphthalate

Concen: 35.095 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

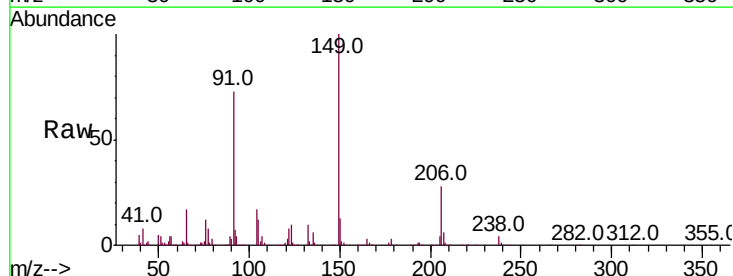
Tgt Ion:149 Resp: 244500

Ion Ratio Lower Upper

149 100

91 73.1 53.2 79.8

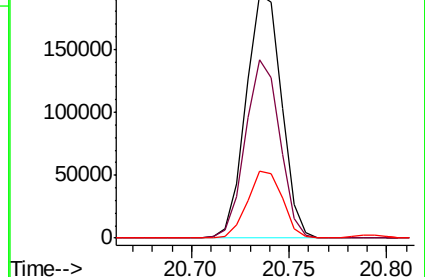
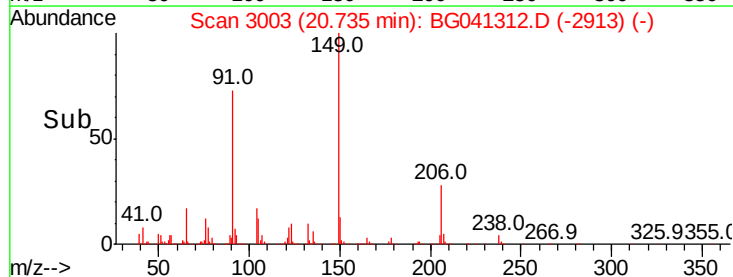
206 27.6 20.3 30.5

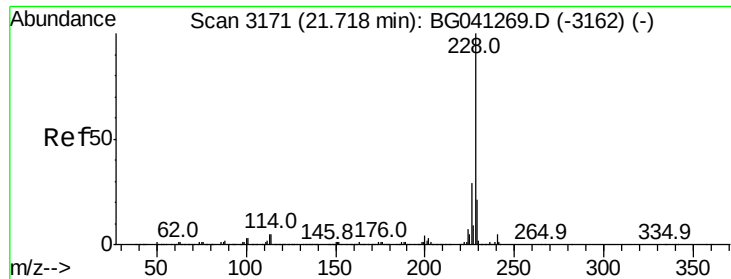


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

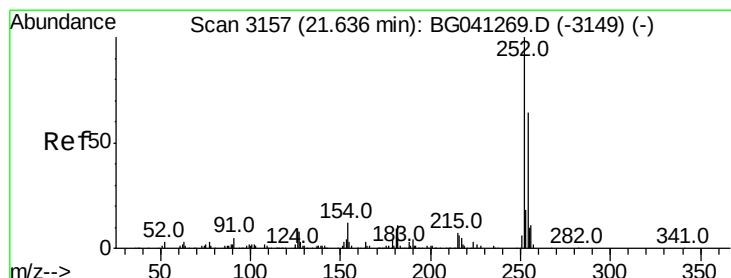
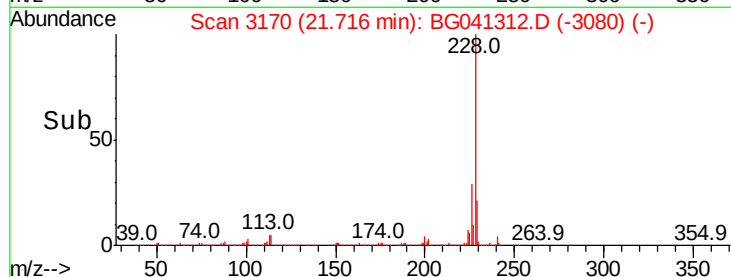
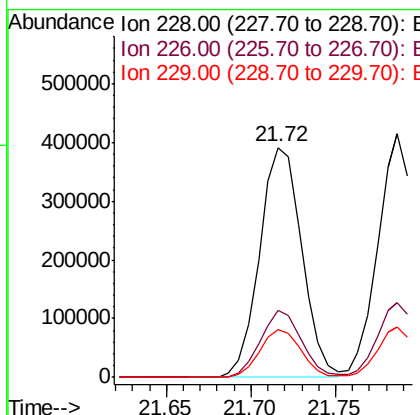
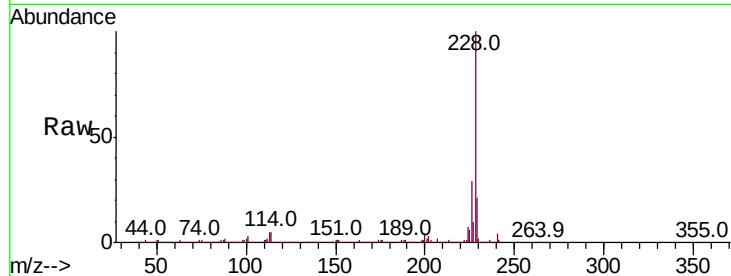




#81
Benzo(a)anthracene
Concen: 36.401 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

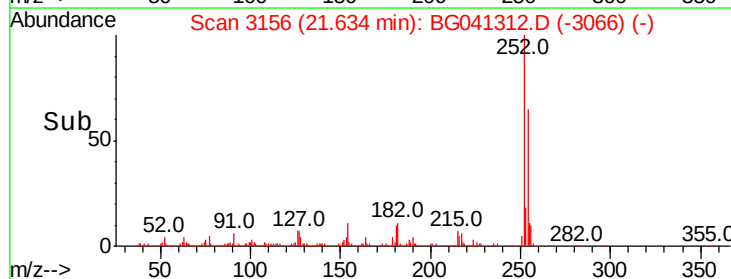
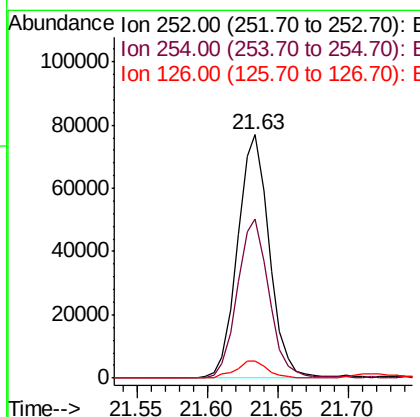
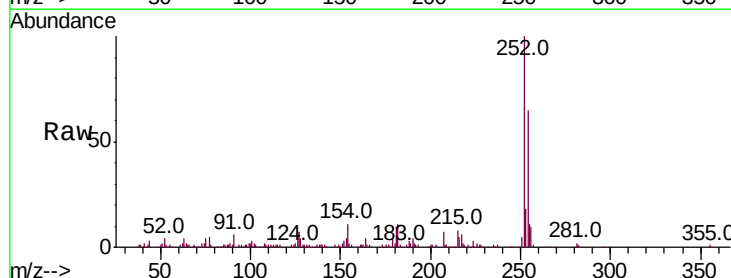
Instrument :
BNA_G
ClientSampled :
TP-AMSD

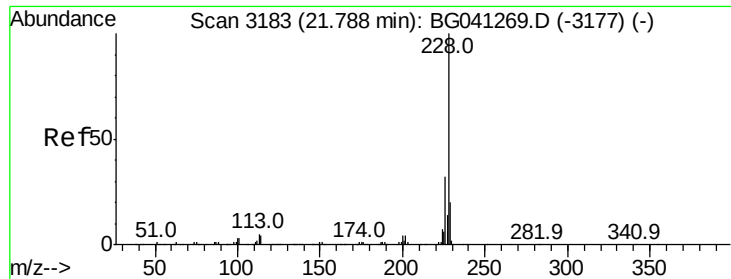
Tot Ion:228 Resp: 673121
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 20.9 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 18.635 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:252 Resp: 120970
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 7.1 6.0 9.0





#83

Chrysene

Concen: 36.424 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

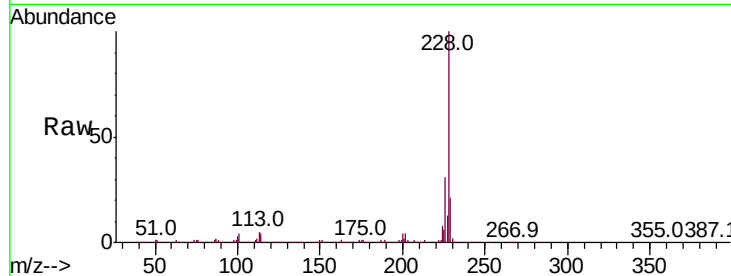
Tot Ion:228 Resp: 647742

Ion Ratio Lower Upper

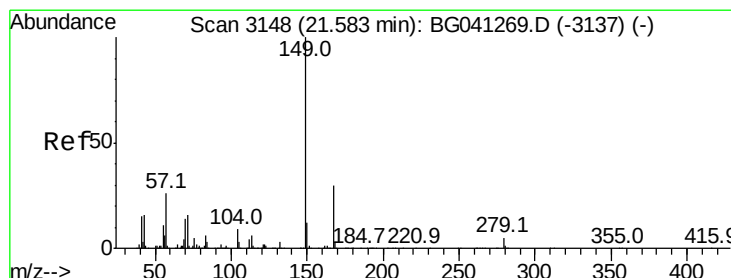
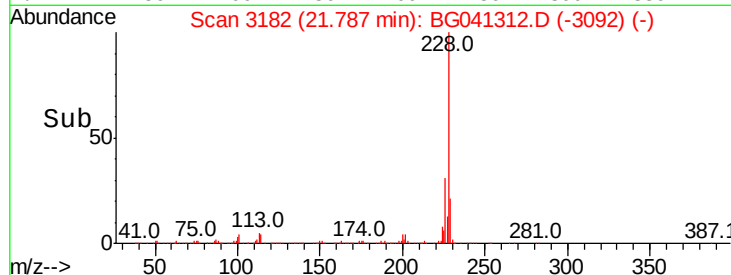
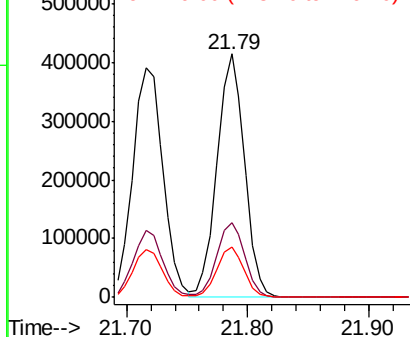
228 100

226 30.9 25.4 38.0

229 20.6 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.656 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

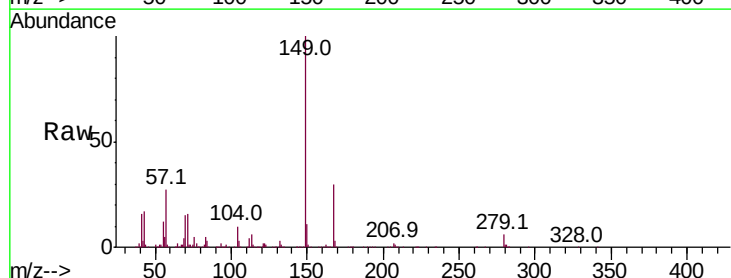
Tgt Ion:149 Resp: 338536

Ion Ratio Lower Upper

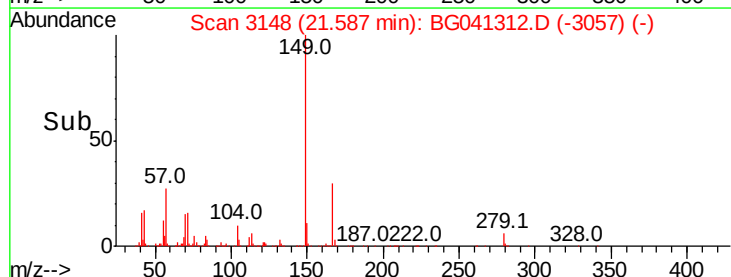
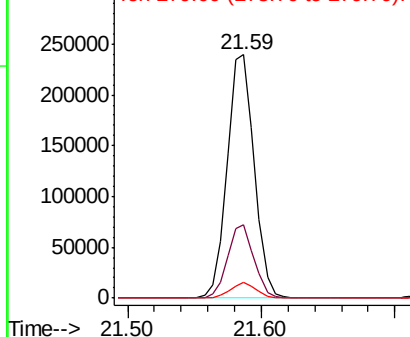
149 100

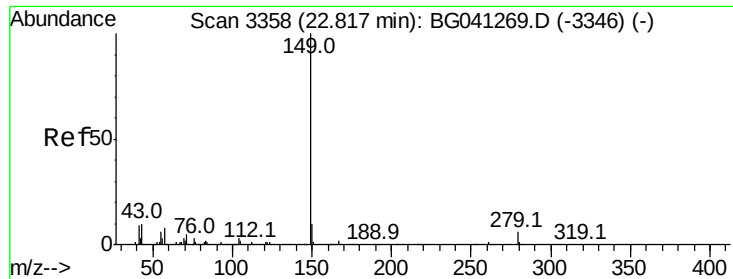
167 30.2 23.8 35.8

279 6.2 4.4 6.6



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

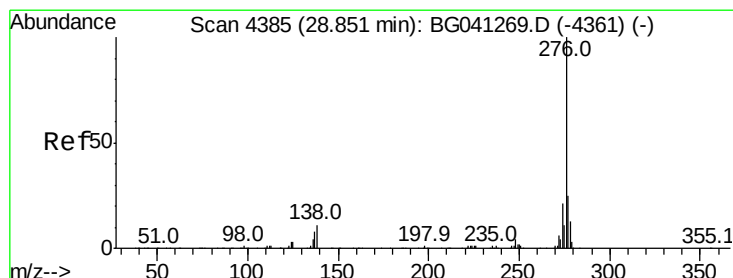
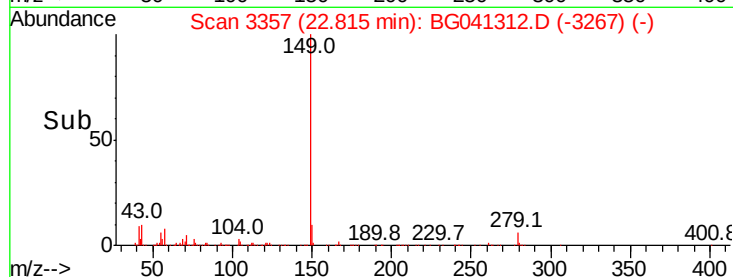
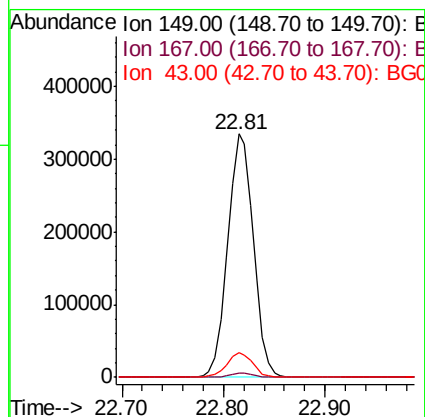
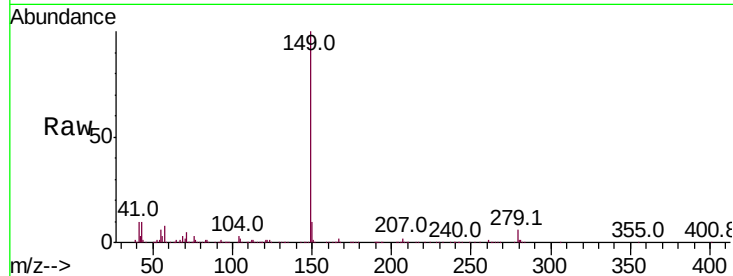




#85
Di-n-octyl phthalate
Concen: 36.339 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

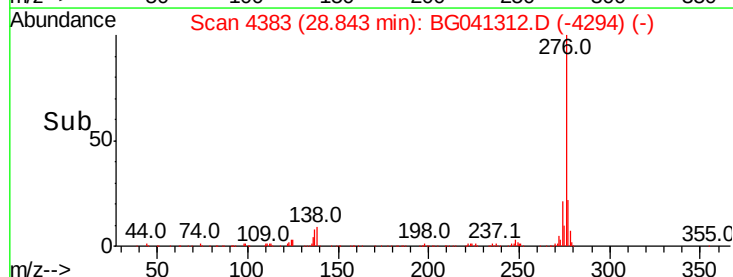
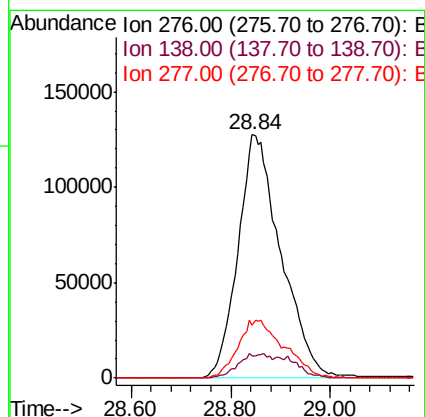
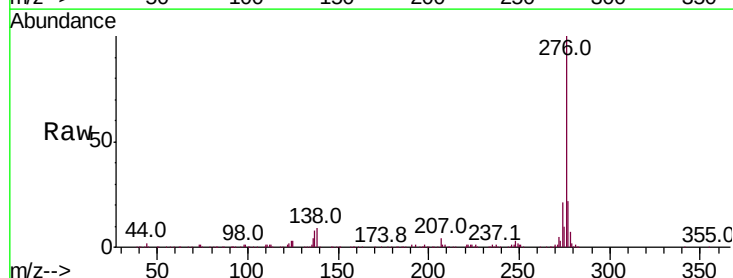
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

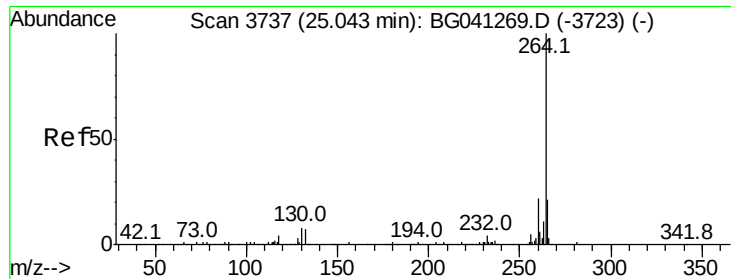
Tot Ion:149 Resp: 583717
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.0 8.2 12.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.135 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.01 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:276 Resp: 762405
Ion Ratio Lower Upper
276 100
138 0.0 7.7 11.5#
277 25.8 20.6 31.0

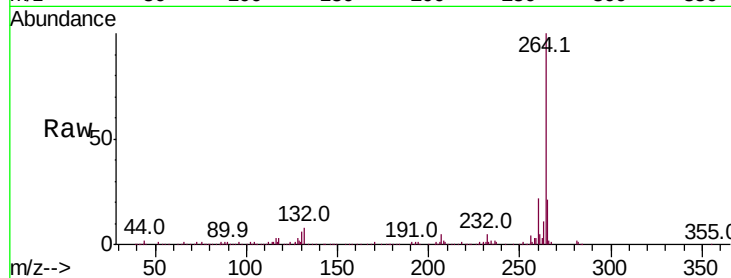




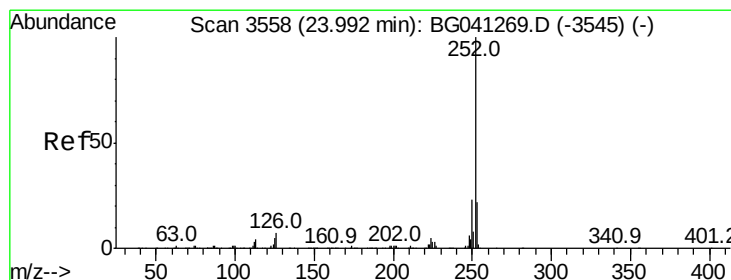
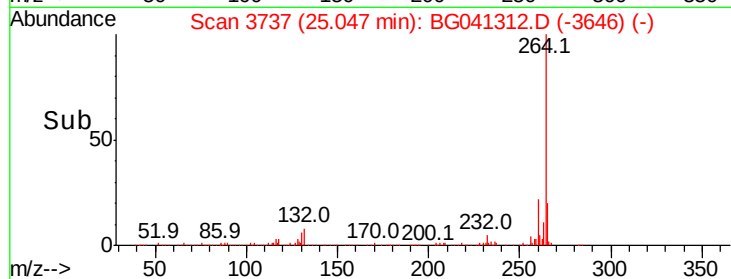
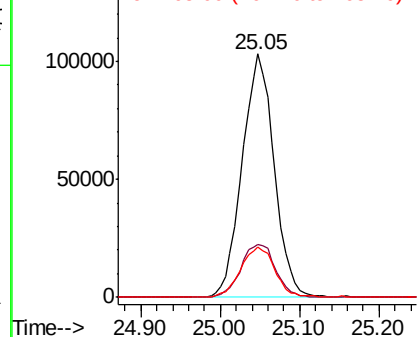
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Instrument :
BNA_G
ClientSampleId :
TP-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.2
265	20.6	17.2	25.8

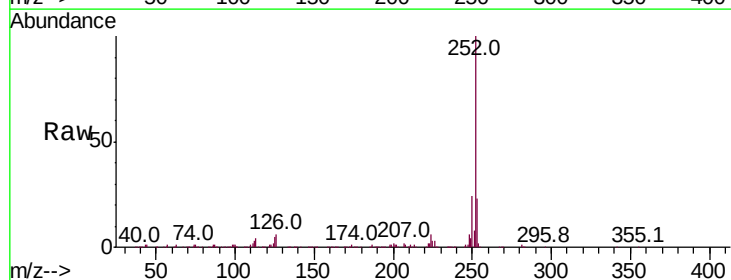


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

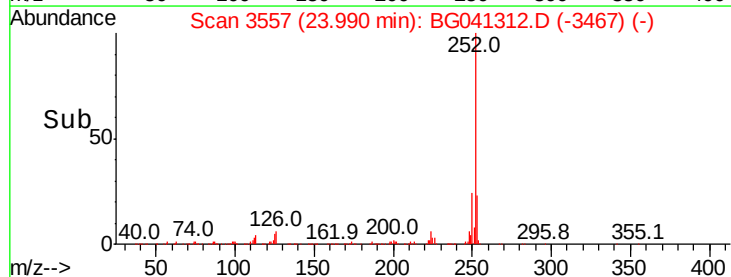
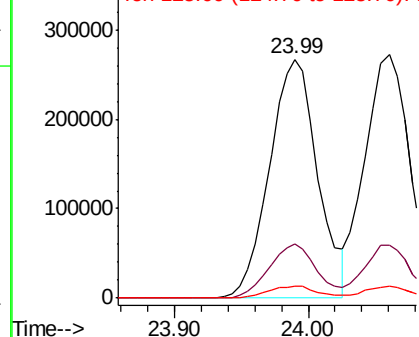


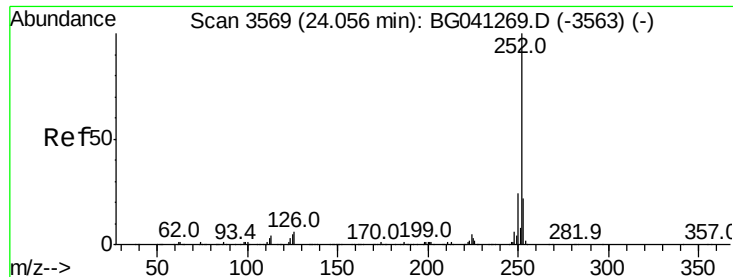
#88
Benzo(b)fluoranthene
Concen: 37.385 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	4.8	3.9	5.9



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

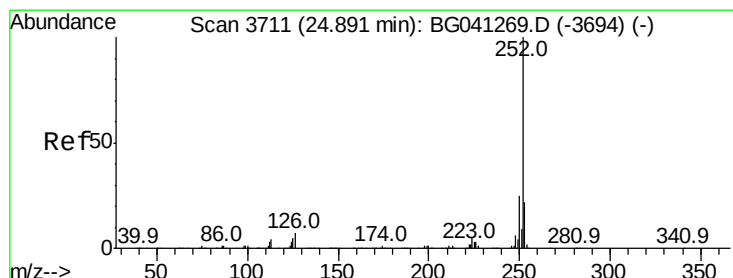
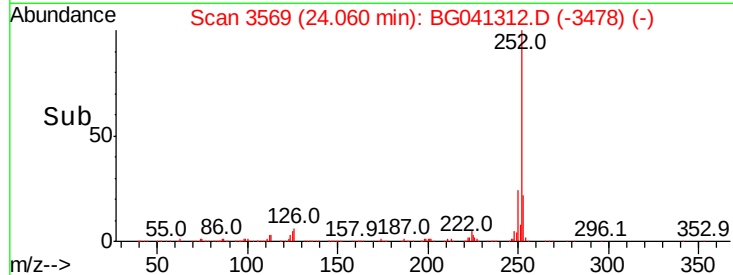
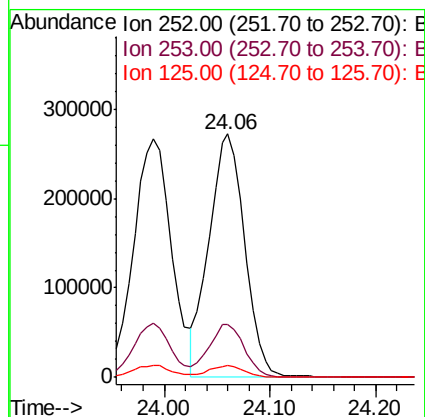
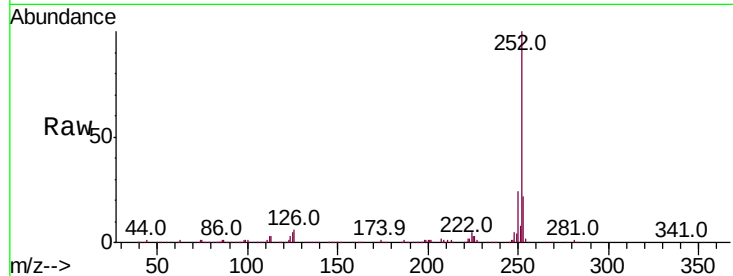




#89
Benzo(k)fluoranthene
Concen: 35.957 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

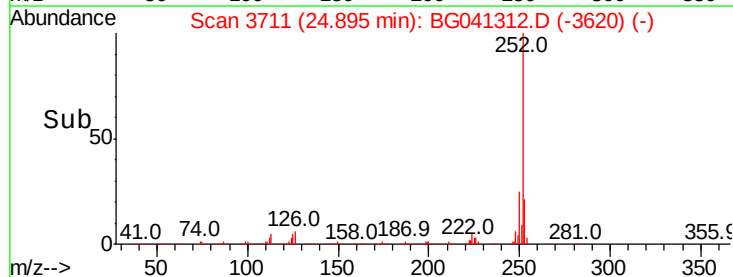
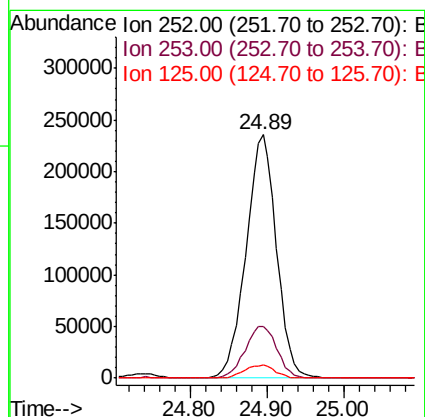
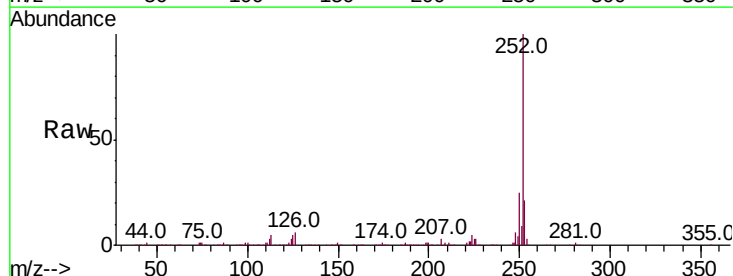
Instrument :
BNA_G
ClientSampleId :
TP-AMSD

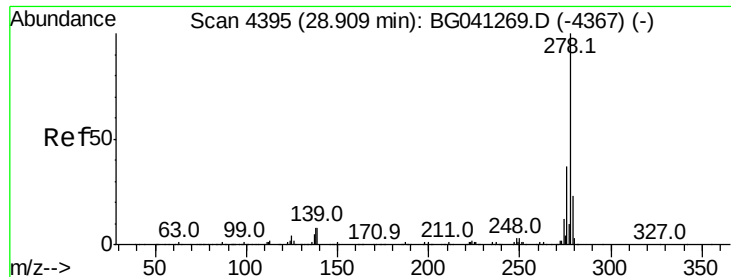
Tot Ion:252 Resp: 637800
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 4.9 4.3 6.5



#90
Benzo(a)pyrene
Concen: 38.387 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG041312.D
Acq: 19 Jun 2019 00:26

Tgt Ion:252 Resp: 649127
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 5.4 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 36.995 ng

RT: 28.91 min Scan# 4395

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

Instrument :

BNA_G

ClientSampleId :

TP-AMSD

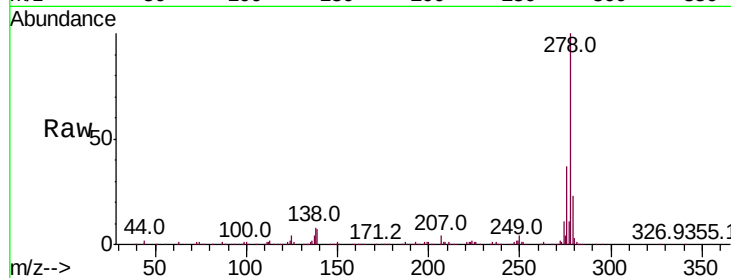
Tot Ion:278 Resp: 629807

Ion	Ratio	Lower	Upper
278	100		
139	7.0	6.6	10.0
279	23.4	18.5	27.7

278 100

139 7.0 6.6 10.0

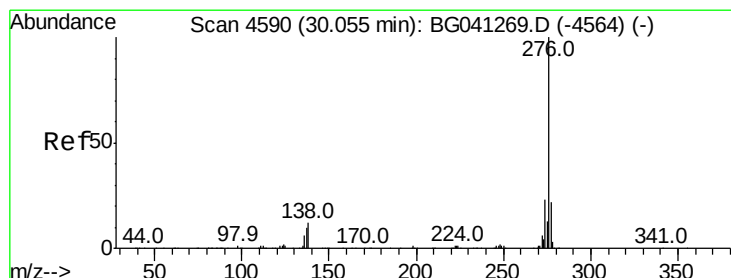
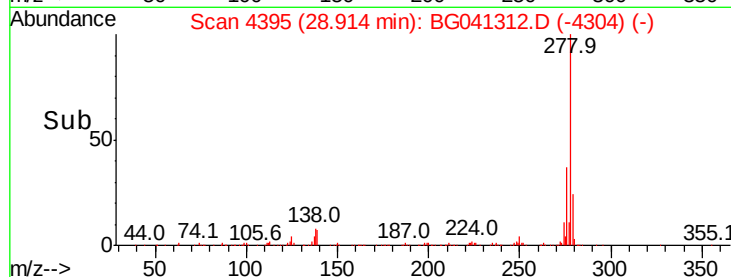
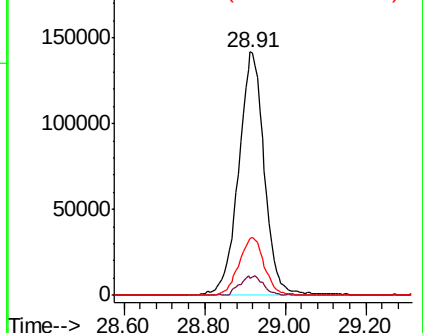
279 23.4 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.125 ng

RT: 30.06 min Scan# 4590

Delta R.T. 0.00 min

Lab File: BG041312.D

Acq: 19 Jun 2019 00:26

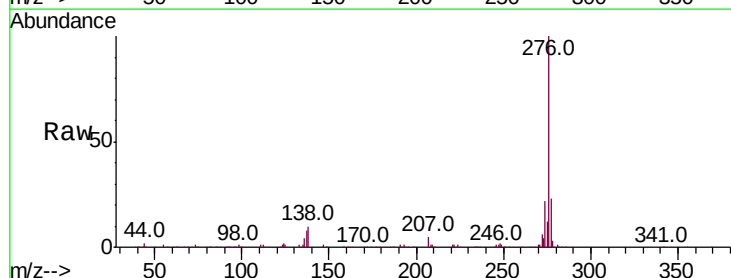
Tgt Ion:276 Resp: 624593

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	10.4	9.4	14.0

276 100

277 22.8 17.9 26.9

138 10.4 9.4 14.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

