

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041339.D
 Acq On : 19 Jun 2019 23:56
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 00:57:10 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	39373	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157849	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106466	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	255856	20.00	ng	0.00
76) Chrysene-d12	21.75	240	243923	20.00	ng	0.00
87) Perylene-d12	25.06	264	241190	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	172980	80.72	ng	0.00
7) Phenol-d6	7.24	99	250604	80.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	299840	79.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	129813	79.42	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	648834	82.83	ng	0.00
79) Terphenyl-d14	20.06	244	1045064	84.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	36155	33.648	ng	99
3) Pyridine	3.89	79	103958	36.470	ng	97
4) n-Nitrosodimethylamine	3.81	42	55189	36.305	ng	92
6) Aniline	7.41	93	171187	39.650	ng	100
8) 2-Chlorophenol	7.64	128	102022	40.519	ng	98
9) Benzaldehyde	7.22	77	82676	41.615	ng	90
10) Phenol	7.27	94	135174	40.470	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	96713	38.161	ng	99
12) 1,3-Dichlorobenzene	7.97	146	129203	40.983	ng	92
13) 1,4-Dichlorobenzene	8.12	146	131050	40.694	ng	97
14) 1,2-Dichlorobenzene	8.44	146	123464	40.139	ng	97
15) Benzyl Alcohol	8.32	79	108917	36.599	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	157858	38.050	ng	98
17) 2-Methylphenol	8.52	107	98759	41.357	ng	98
18) Hexachloroethane	9.16	117	47823	37.475	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	92345	36.759	ng	96
20) 3+4-Methylphenols	8.85	107	130359	41.007	ng	98
22) Acetophenone	8.92	105	176212	38.362	ng	# 96
24) Nitrobenzene	9.31	77	148466	39.331	ng	98
25) Isophorone	9.82	82	256242	37.213	ng	99
26) 2-Nitrophenol	10.02	139	61022	39.874	ng	96
27) 2,4-Dimethylphenol	10.06	122	94905	41.372	ng	93
28) bis(2-Chloroethoxy)methane	10.30	93	137452	38.310	ng	99
29) 2,4-Dichlorophenol	10.55	162	119373	41.969	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	148456	40.753	ng	97
31) Naphthalene	10.96	128	342632	39.939	ng	100
32) Benzoic acid	10.22	122	58620	39.255	ng	89
33) 4-Chloroaniline	11.07	127	147192	40.399	ng	94
34) Hexachlorobutadiene	11.22	225	116380	40.248	ng	96
35) Caprolactam	11.88	113	35737	36.496	ng	99
36) 4-Chloro-3-methylphenol	12.18	107	128708	39.176	ng	99
37) 2-Methylnaphthalene	12.55	142	250337	39.620	ng	98
38) 1-Methylnaphthalene	12.77	142	237616	39.306	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	189644	43.137	ng	99

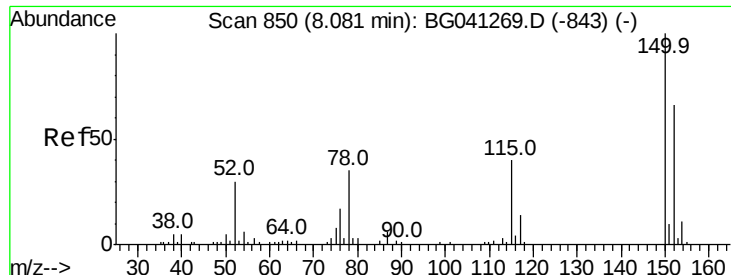
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041339.D
 Acq On : 19 Jun 2019 23:56
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 00:57:10 2019
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 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)
41) Hexachlorocyclopentadiene	12.88	237	35215	11.892	ng	95
43) 2,4,6-Trichlorophenol	13.16	196	118423	43.544	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	116367	41.585	ng	98
46) 1,1'-Biphenyl	13.55	154	333344	41.416	ng	100
47) 2-Chloronaphthalene	13.60	162	288928	41.695	ng	99
48) 2-Nitroaniline	13.82	65	104409	41.141	ng	91
49) Acenaphthylene	14.45	152	423417	40.267	ng	99
50) Dimethylphthalate	14.17	163	359565	37.957	ng	99
51) 2,6-Dinitrotoluene	14.31	165	77219	38.660	ng	91
52) Acenaphthene	14.78	154	250280	40.533	ng	96
53) 3-Nitroaniline	14.64	138	80824	41.071	ng	95
54) 2,4-Dinitrophenol	14.85	184	11855	12.600	ng	91
55) Dibenzofuran	15.12	168	427002	39.774	ng	98
56) 4-Nitrophenol	14.95	139	54485	38.196	ng	93
57) 2,4-Dinitrotoluene	15.09	165	112314	38.466	ng	# 98
58) Fluorene	15.77	166	335064	39.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117084	40.461	ng	99
60) Diethylphthalate	15.52	149	367076	38.124	ng	100
61) 4-Chlorophenyl-phenylether	15.75	204	218397	39.747	ng	97
62) 4-Nitroaniline	15.80	138	83338	39.595	ng	99
63) Azobenzene	16.04	77	329295	38.336	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	20043	12.069	ng	94
66) n-Nitrosodiphenylamine	15.97	169	294302	43.320	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	141102	42.651	ng	98
68) Hexachlorobenzene	16.76	284	145450	41.057	ng	# 94
69) Atrazine	16.91	200	104532	41.854	ng	99
70) Pentachlorophenol	17.11	266	77808	42.892	ng	98
71) Phenanthrene	17.51	178	559636	41.012	ng	100
72) Anthracene	17.60	178	557826	41.465	ng	99
73) Carbazole	17.87	167	485665	41.269	ng	99
74) Di-n-butylphthalate	18.40	149	594522	40.488	ng	99
75) Fluoranthene	19.52	202	689183	38.016	ng	98
77) Benzidine	19.70	184	275723	46.733	ng	98
78) Pyrene	19.88	202	697544	42.403	ng	99
80) Butylbenzylphthalate	20.74	149	260415	41.852	ng	94
81) Benzo(a)anthracene	21.73	228	686780	41.583	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	251994	43.465	ng	99
83) Chrysene	21.80	228	656340	41.324	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	356896	42.088	ng	99
85) Di-n-octyl phthalate	22.83	149	609721	42.500	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	486819	25.834	ng	# 96
88) Benzo(b)fluoranthene	24.01	252	608761	40.727	ng	100
89) Benzo(k)fluoranthene	24.08	252	665921	44.972	ng	98
90) Benzo(a)pyrene	24.91	252	578233	40.961	ng	98
91) Dibenzo(a,h)anthracene	28.94	278	416968	29.339	ng	97
92) Benzo(g,h,i)perylene	30.08	276	312562	22.255	ng	97

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

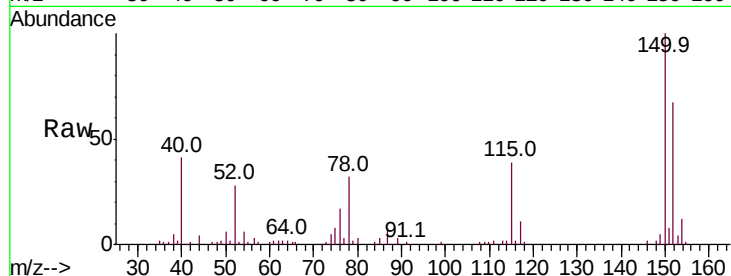


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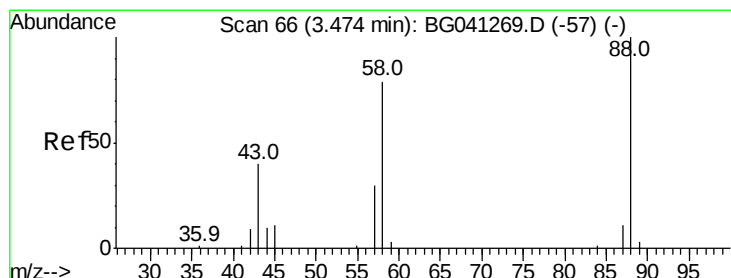
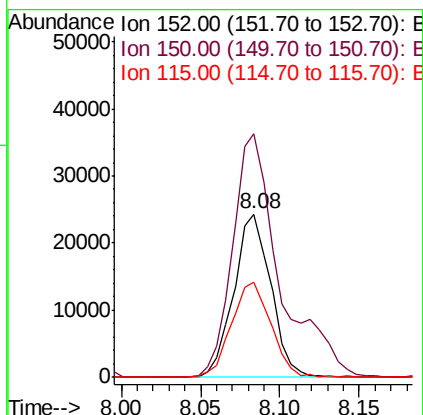
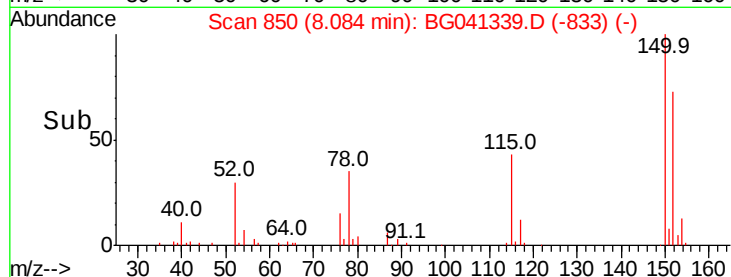
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39373
Ion Ratio Lower Upper
152 100
150 148.9 120.6 181.0
115 58.3 47.9 71.9



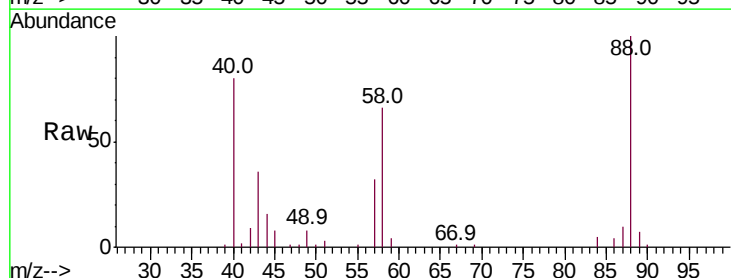
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



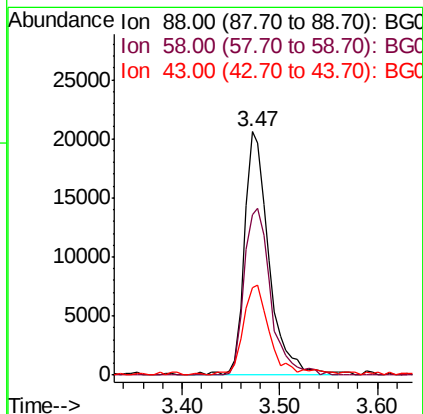
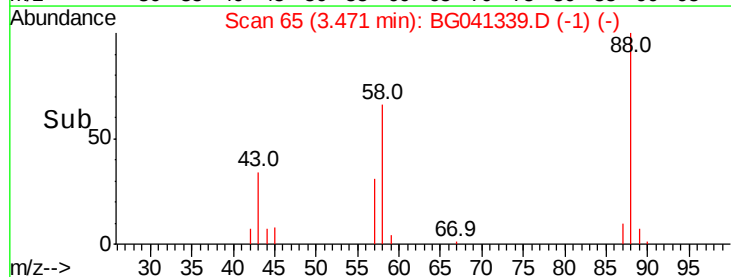
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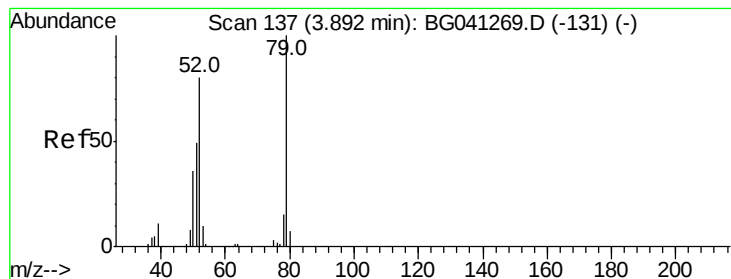
1,4-Dioxane
Concen: 33.648 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion: 88 Resp: 36155
Ion Ratio Lower Upper
88 100
58 74.0 59.7 89.5
43 40.9 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: 36.470 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

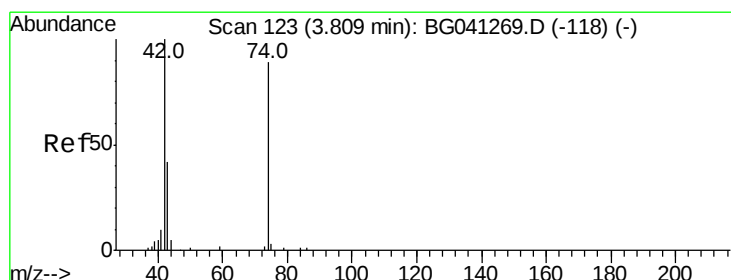
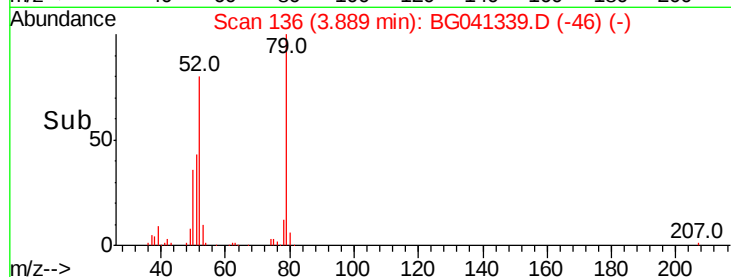
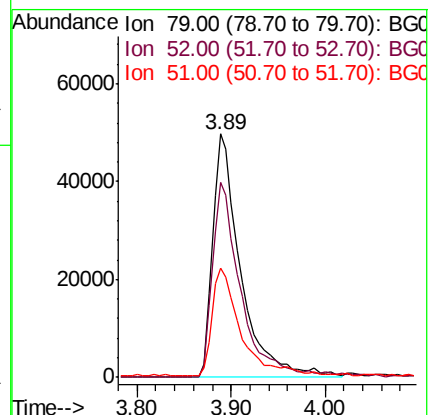
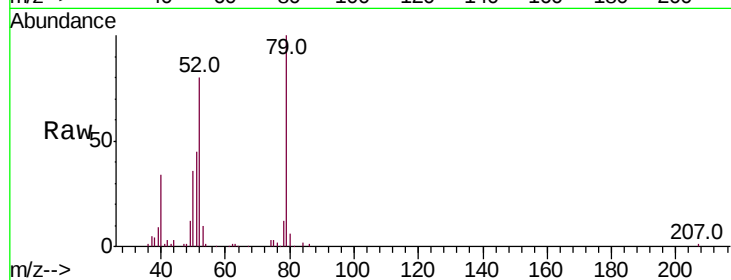
Tot Ion: 79 Resp: 103958

Ion Ratio Lower Upper

79 100

52 80.2 63.6 95.4

51 44.7 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 36.305 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

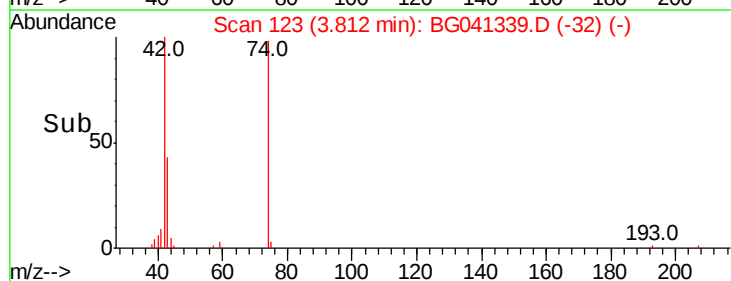
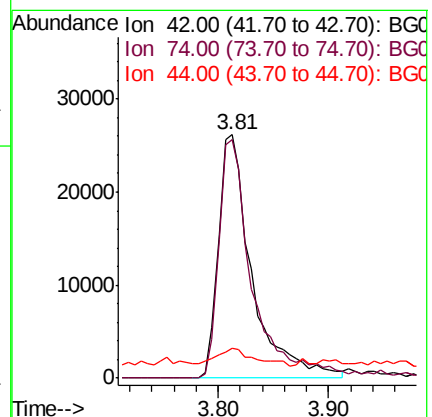
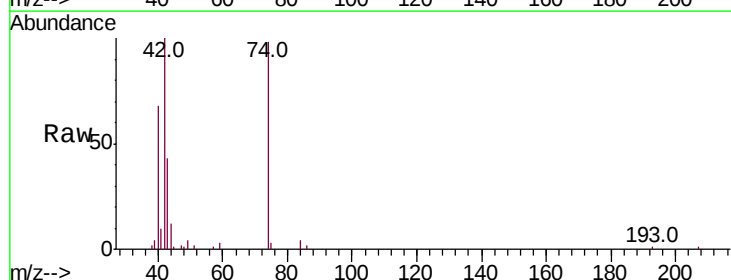
Tgt Ion: 42 Resp: 55189

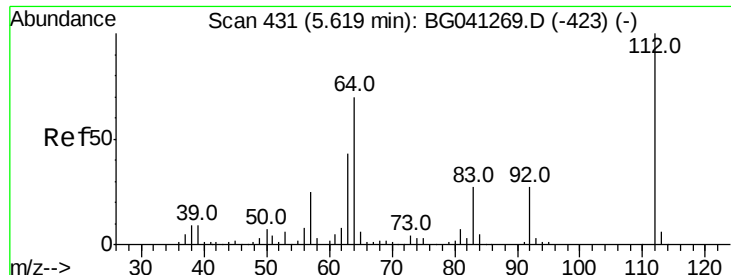
Ion Ratio Lower Upper

42 100

74 97.9 71.6 107.4

44 12.2 9.0 13.4





#5

2-Fluorophenol

Concen: 80.724 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :

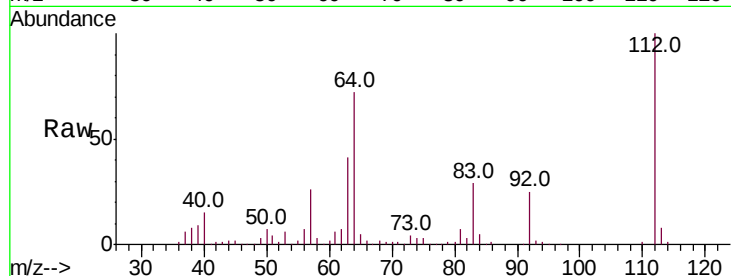
Tot Ion:112 Resp: 172980

Ion Ratio Lower Upper

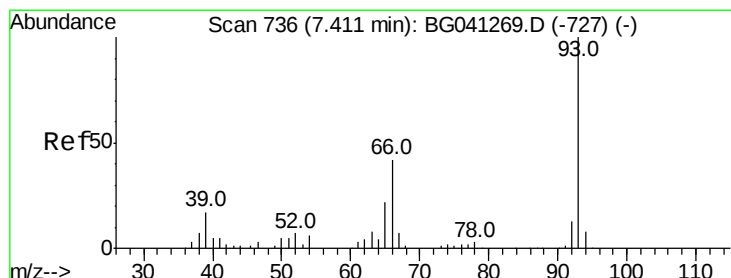
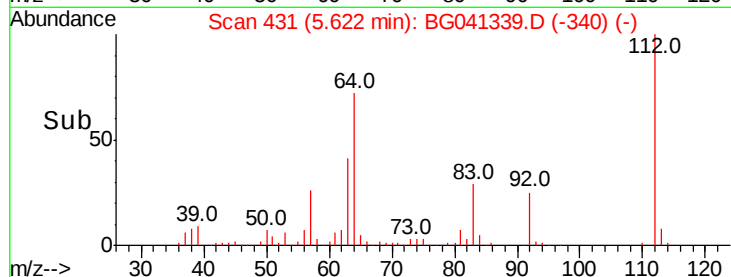
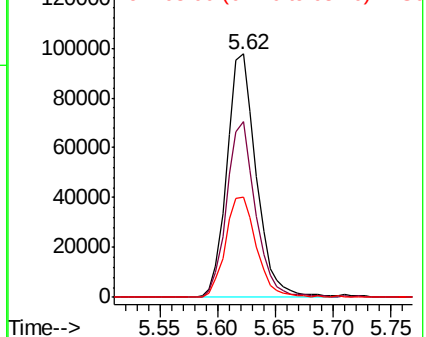
112 100

64 72.0 55.9 83.9

63 41.3 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: 39.650 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

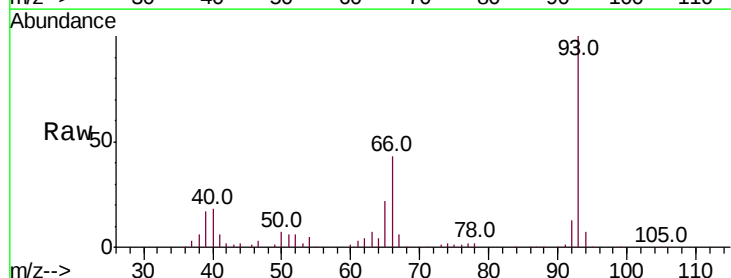
Tgt Ion: 93 Resp: 171187

Ion Ratio Lower Upper

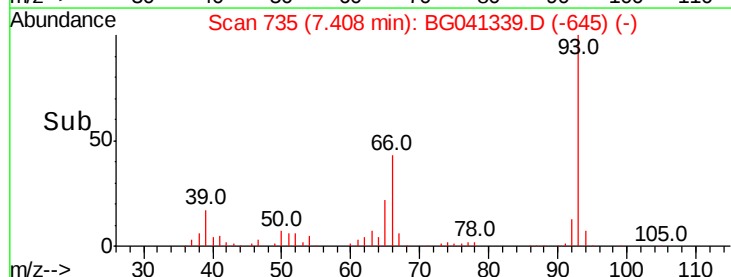
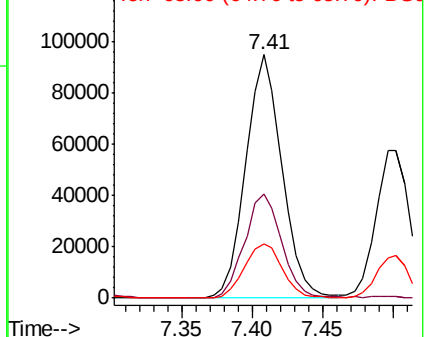
93 100

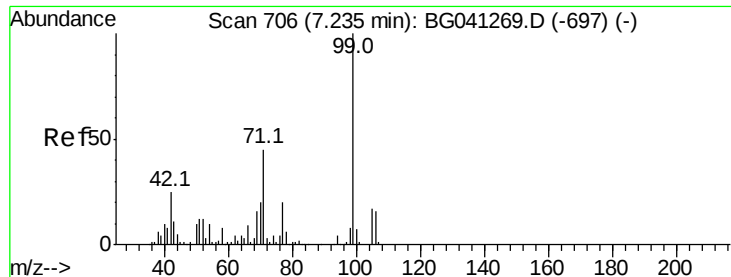
66 42.6 34.2 51.2

65 22.4 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: 80.682 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

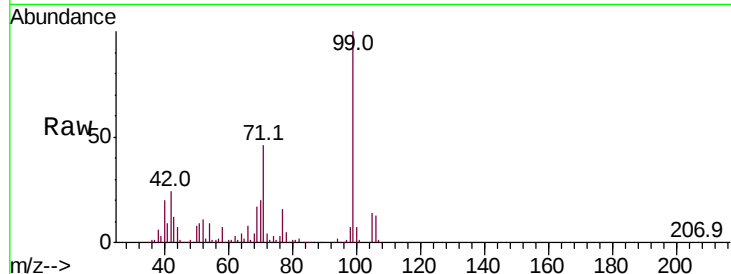
Tot Ion: 99 Resp: 250604

Ion Ratio Lower Upper

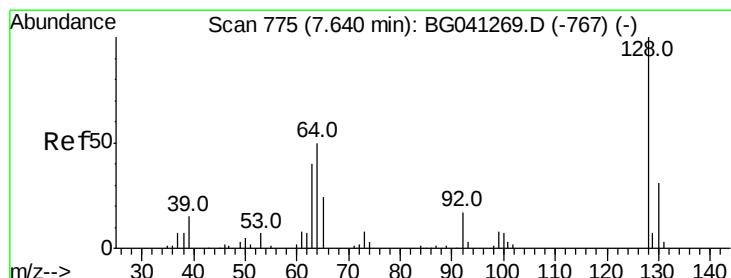
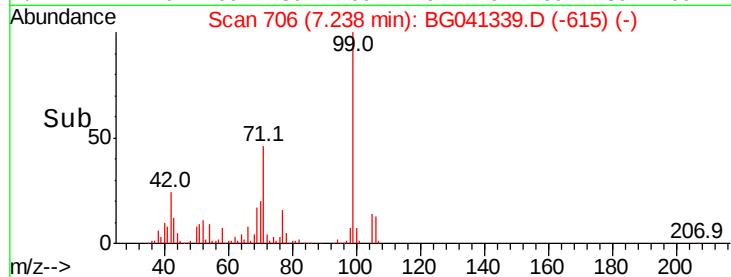
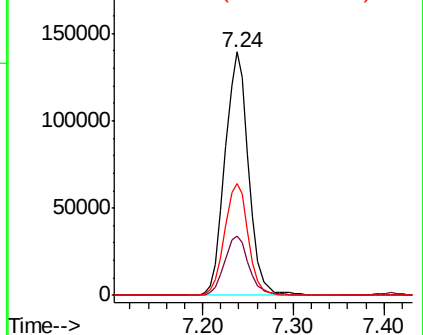
99 100

42 24.3 19.9 29.9

71 46.1 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: 40.519 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

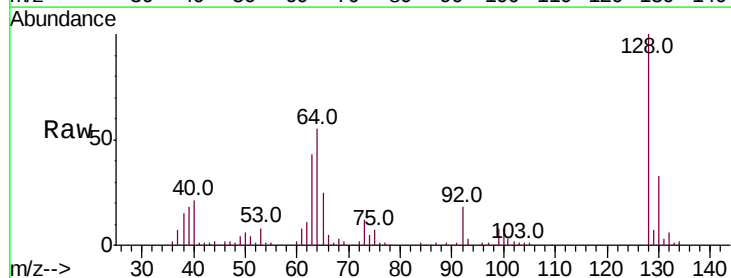
Tgt Ion: 128 Resp: 102022

Ion Ratio Lower Upper

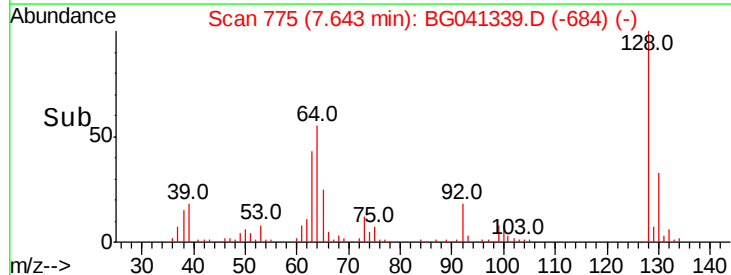
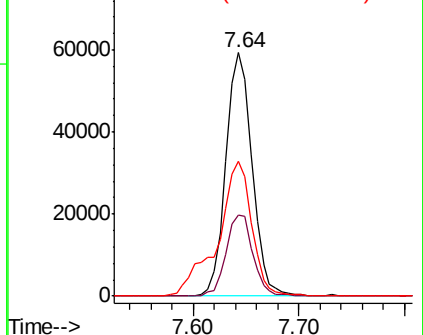
128 100

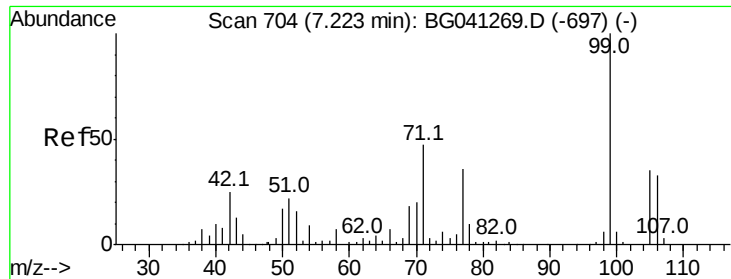
130 33.4 11.1 51.1

64 55.5 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: 41.615 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

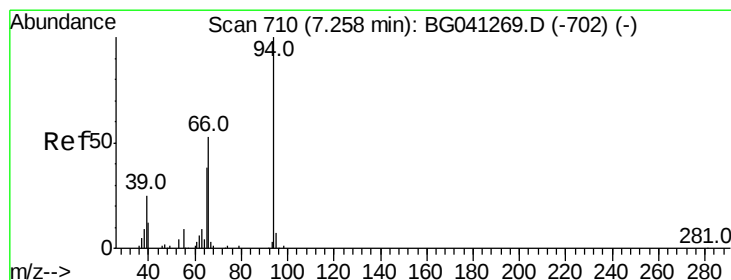
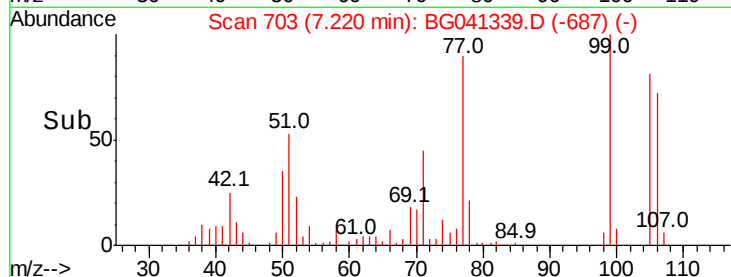
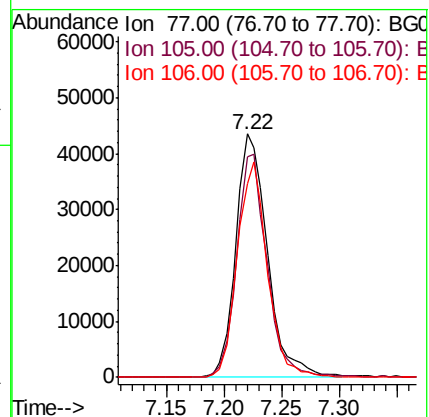
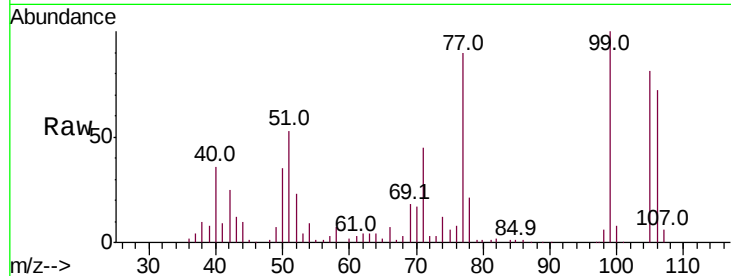
Tot Ion: 77 Resp: 82676

Ion Ratio Lower Upper

77 100

105 90.5 78.7 118.7

106 79.5 71.1 111.1



#10

Phenol

Concen: 40.470 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

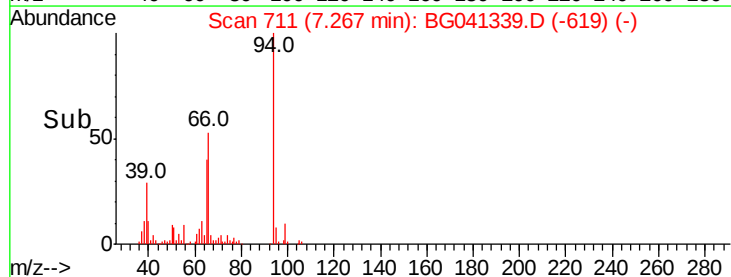
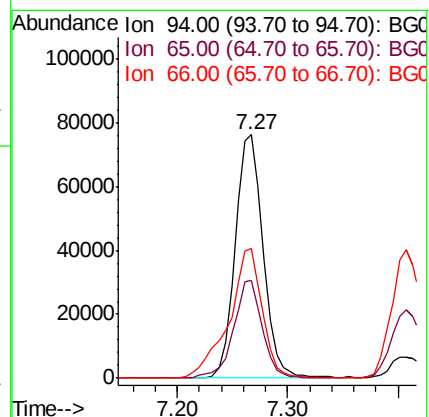
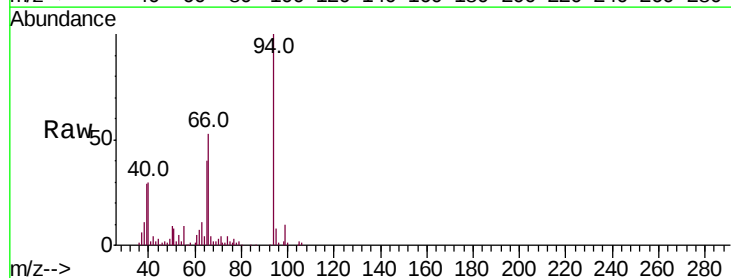
Tgt Ion: 94 Resp: 135174

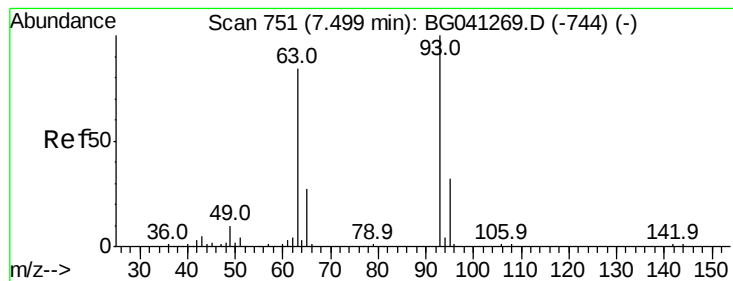
Ion Ratio Lower Upper

94 100

65 40.1 18.7 58.7

66 53.2 35.5 75.5





#11

bis(2-Chloroethyl)ether

Concen: 38.161 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

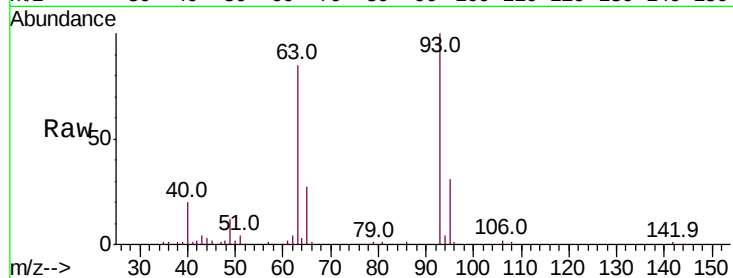
Tot Ion: 93 Resp: 96713

Ion Ratio Lower Upper

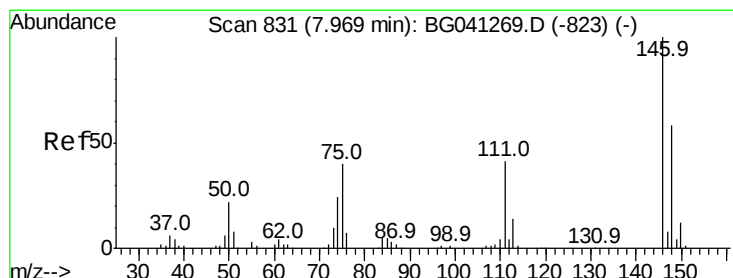
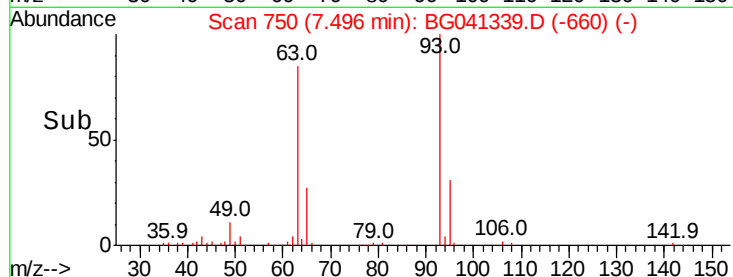
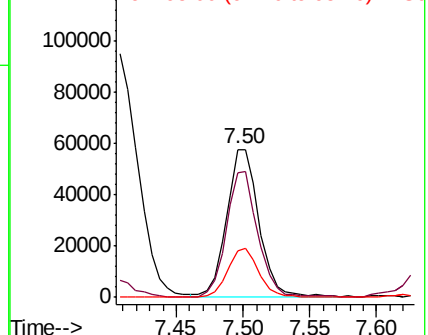
93 100

63 84.6 63.6 103.6

95 31.2 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.983 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

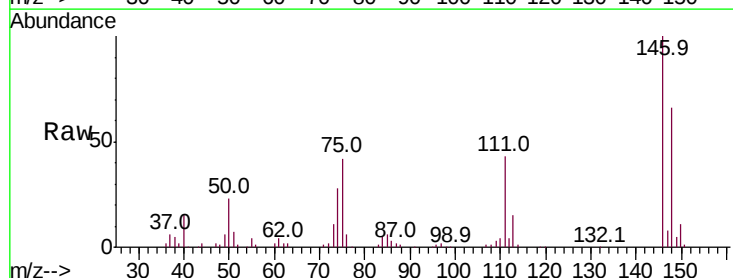
Tgt Ion: 146 Resp: 129203

Ion Ratio Lower Upper

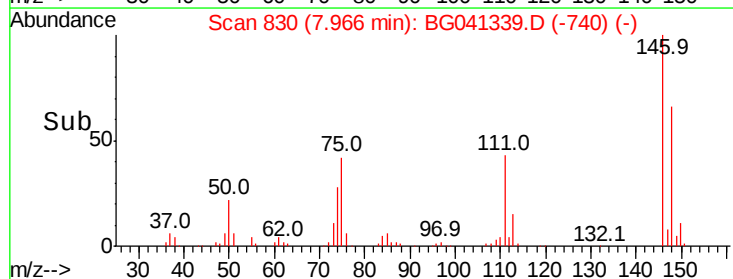
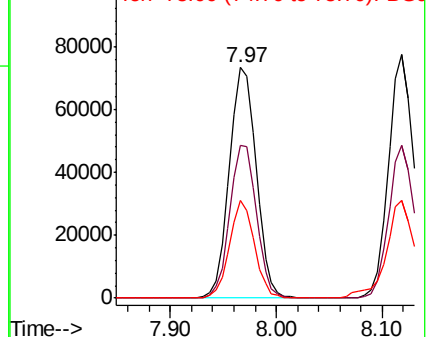
146 100

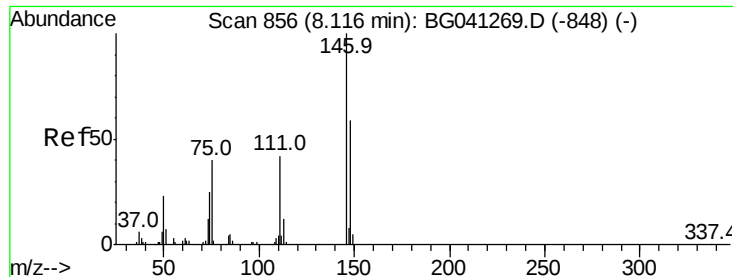
148 66.4 46.5 69.7

75 42.3 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.694 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

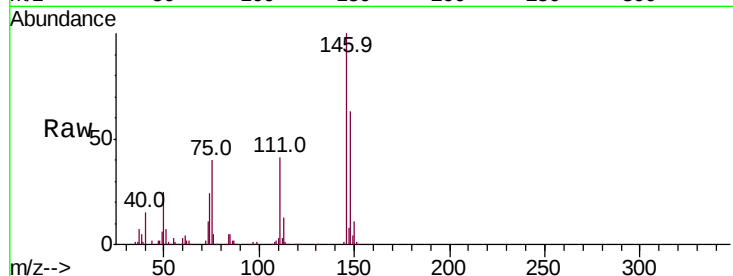
Tot Ion:146 Resp: 131050

Ion Ratio Lower Upper

146 100

148 63.0 47.3 70.9

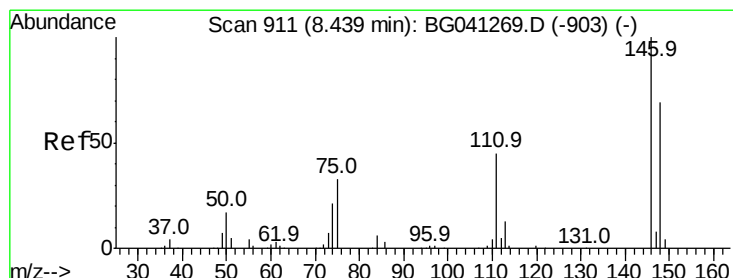
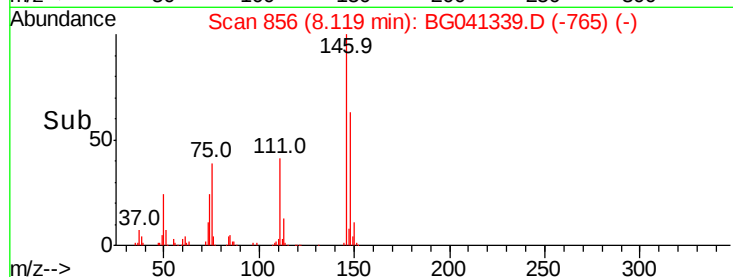
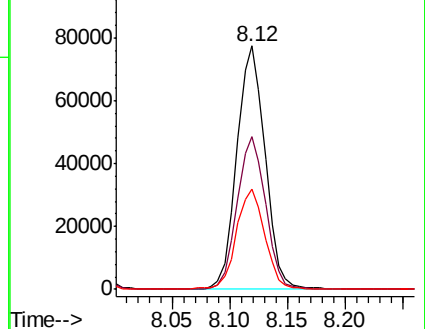
111 41.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.139 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

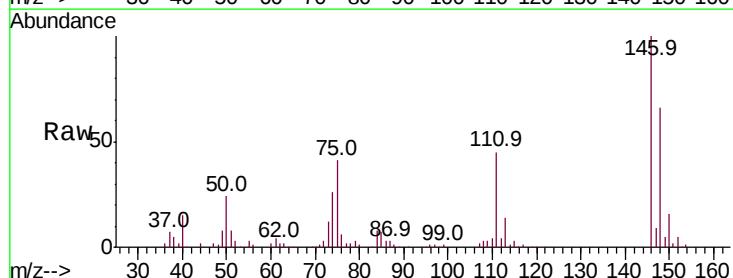
Tgt Ion:146 Resp: 123464

Ion Ratio Lower Upper

146 100

148 66.0 54.9 82.3

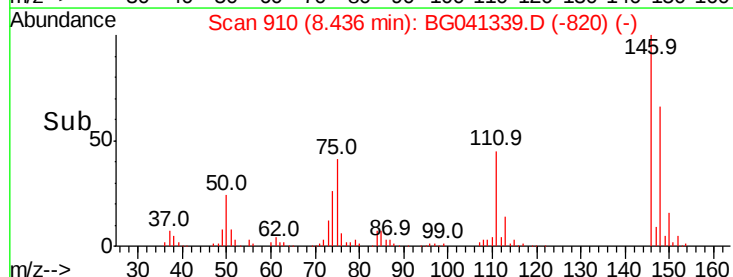
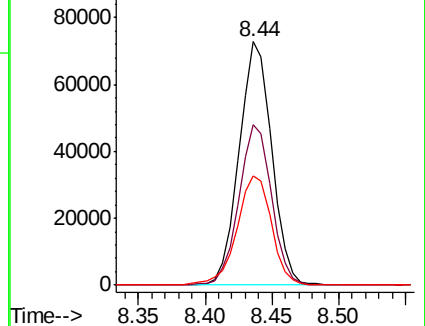
111 44.7 37.0 55.6

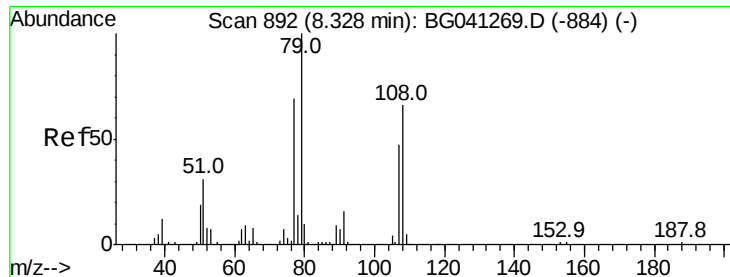


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.599 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

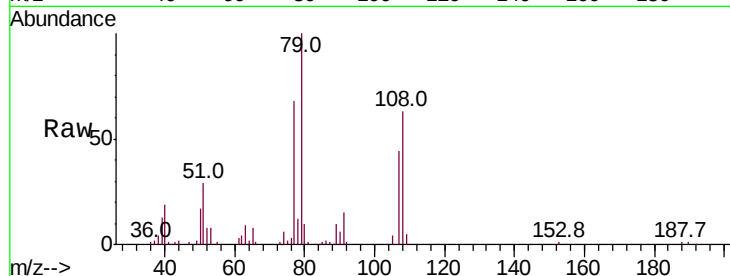
Tot Ion: 79 Resp: 108917

Ion Ratio Lower Upper

79 100

108 62.7 52.7 79.1

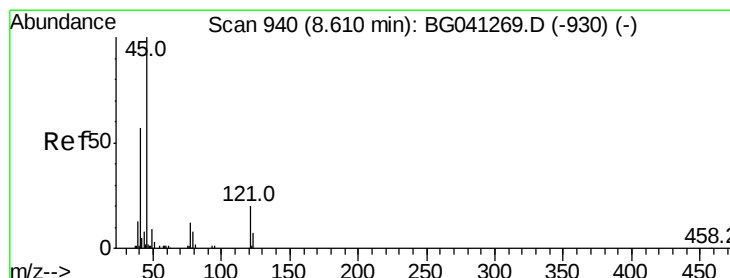
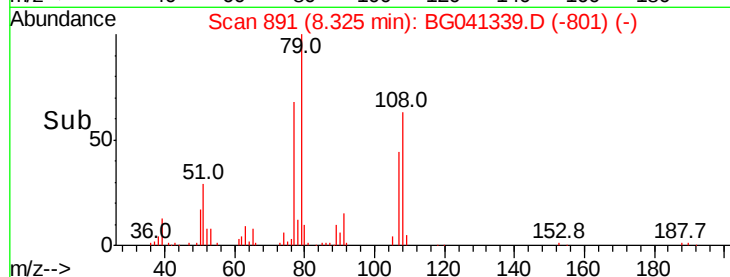
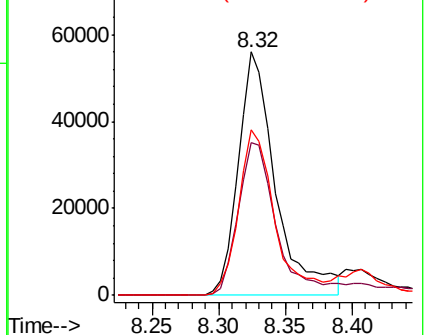
77 67.8 55.2 82.8



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: 38.050 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

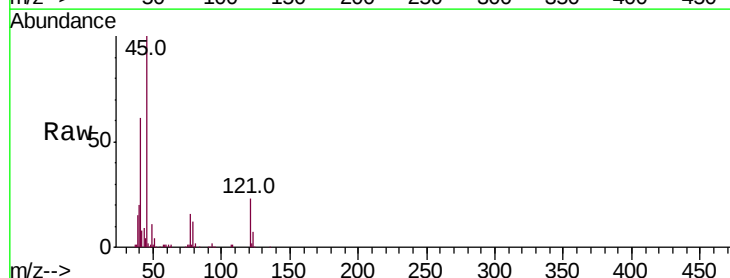
Tgt Ion: 45 Resp: 157858

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.2

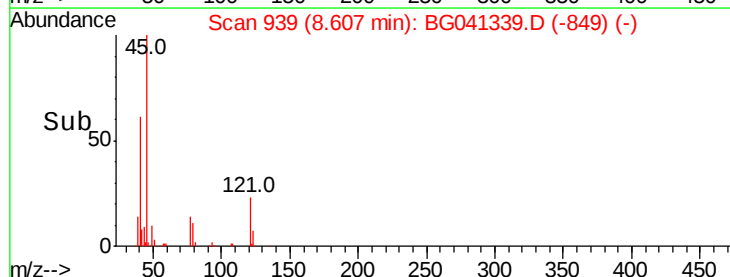
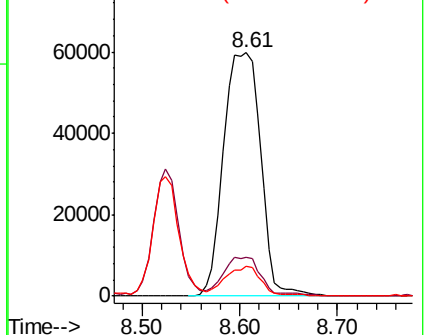
79 12.1 0.0 31.6

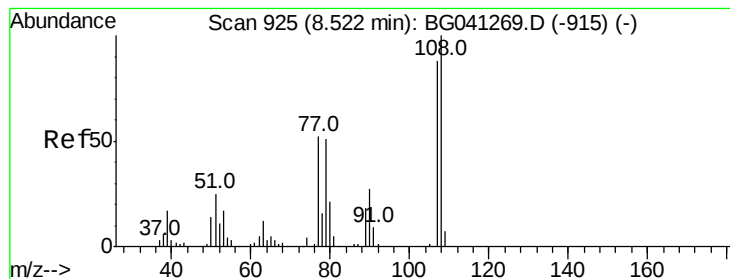


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.357 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 98759

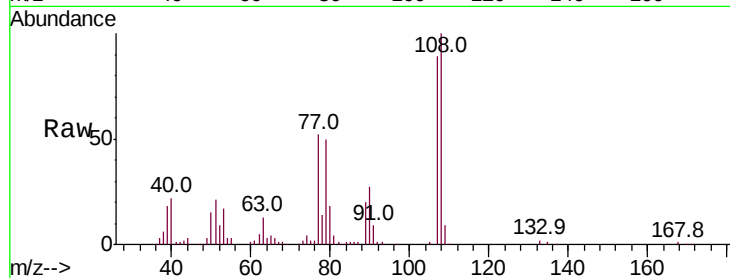
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 58.9 47.8 71.8

79 55.7 46.8 70.2

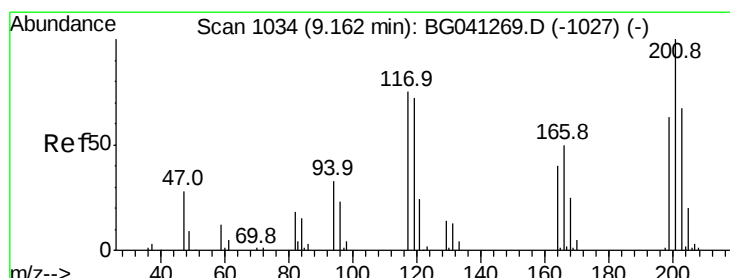
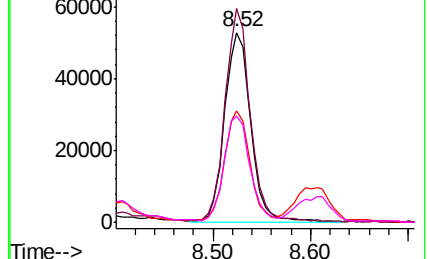
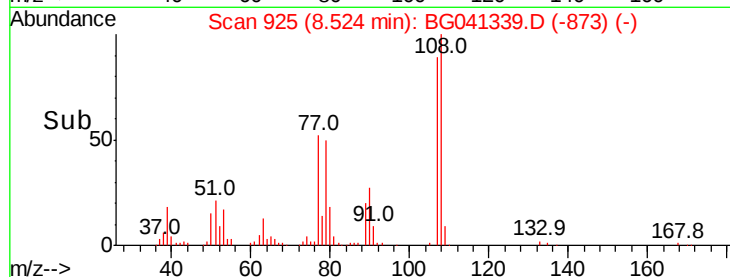


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 37.475 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

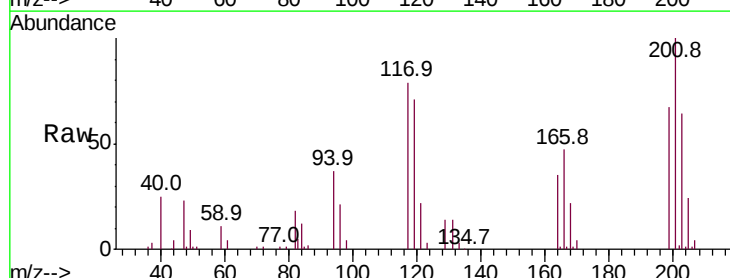
Tgt Ion:117 Resp: 47823

Ion Ratio Lower Upper

117 100

119 89.8 76.8 115.2

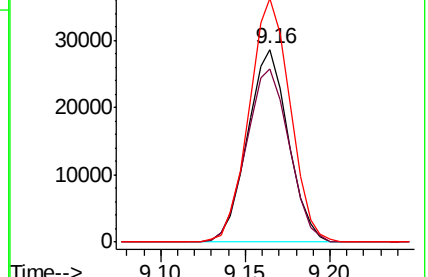
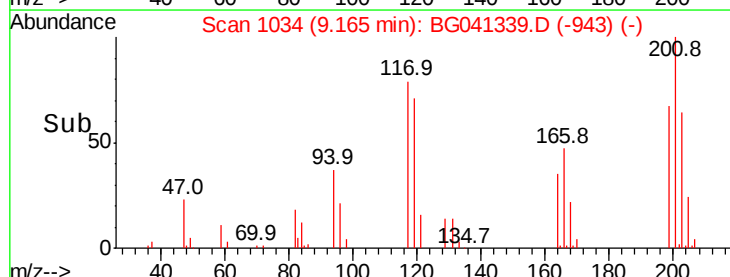
201 126.4 106.3 159.5

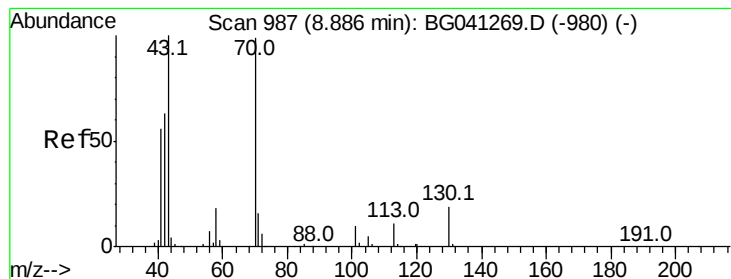


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.759 ng

RT: 8.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 92345

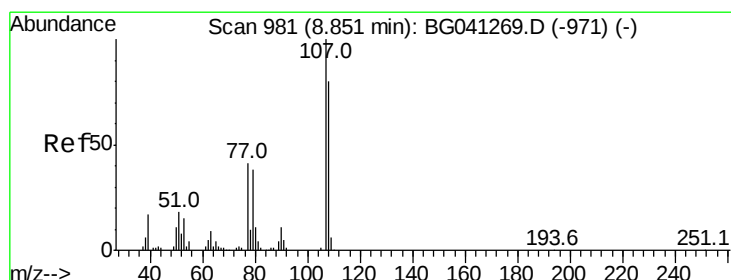
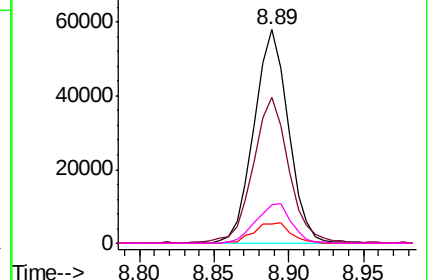
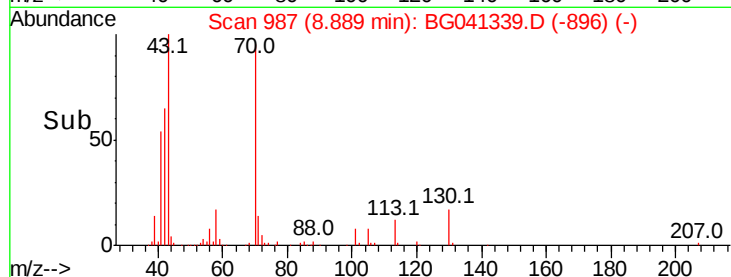
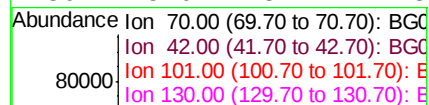
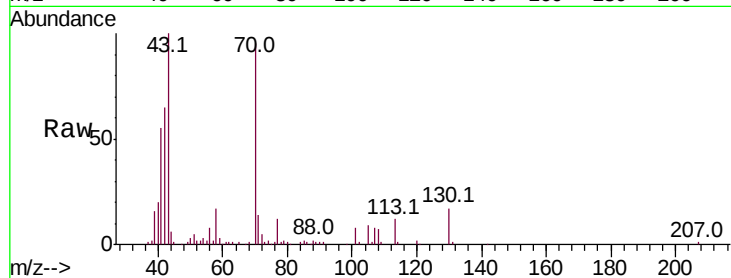
Ion Ratio Lower Upper

70 100

42 68.2 51.4 77.2

101 8.9 8.2 12.2

130 18.0 15.2 22.8



#20

3+4-Methylphenols

Concen: 41.007 ng

RT: 8.85 min Scan# 981

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Tgt Ion: 107 Resp: 130359

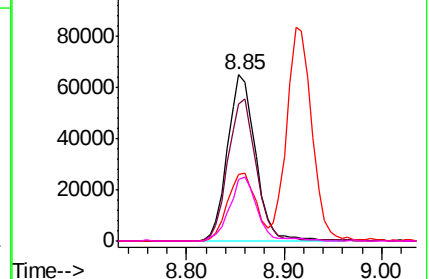
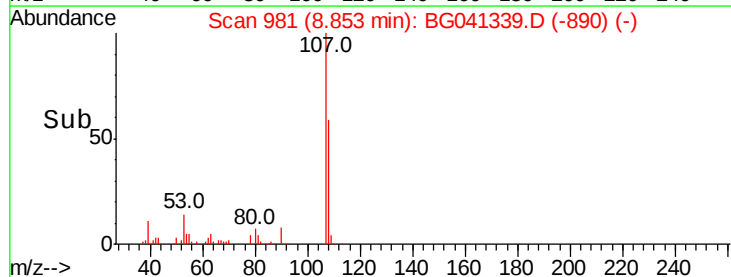
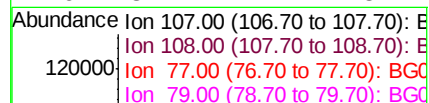
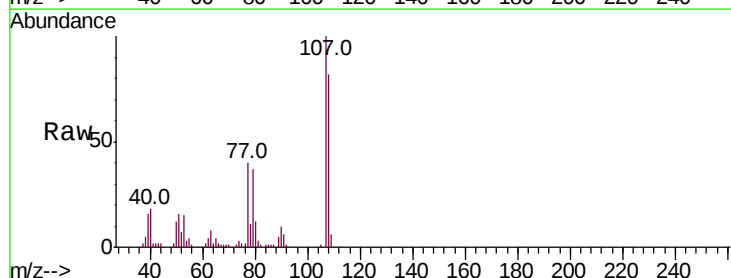
Ion Ratio Lower Upper

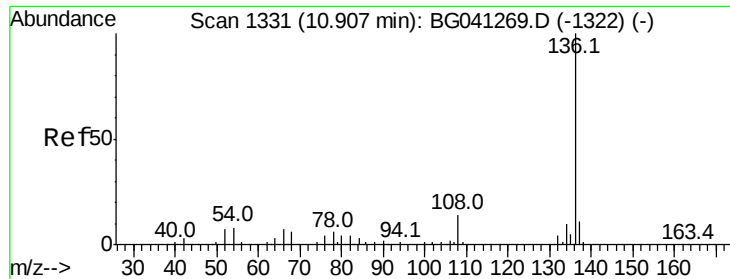
107 100

108 82.2 60.4 100.4

77 39.8 21.2 61.2

79 37.1 17.7 57.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 157849

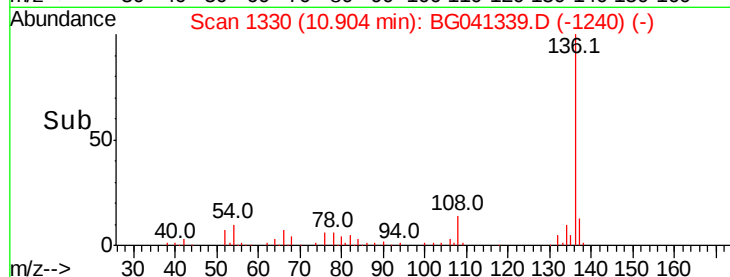
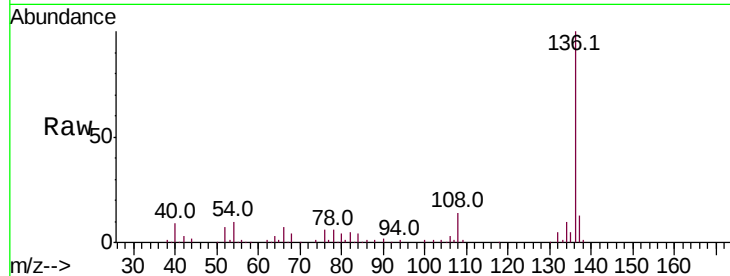
Ion Ratio Lower Upper

136 100

137 12.8 8.8 13.2

54 9.6 6.4 9.6#

68 4.3 4.8 7.2#

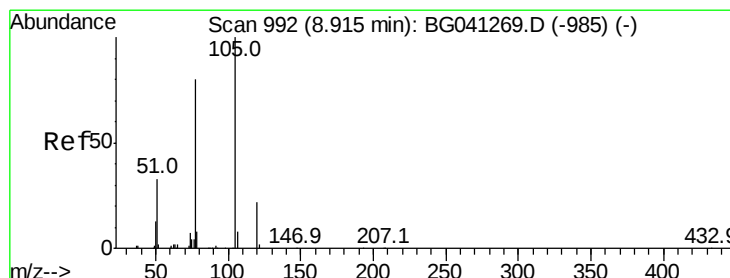
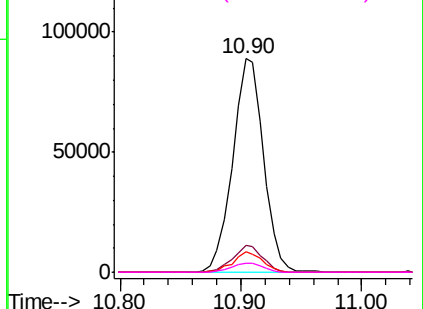


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.362 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Tgt Ion:105 Resp: 176212

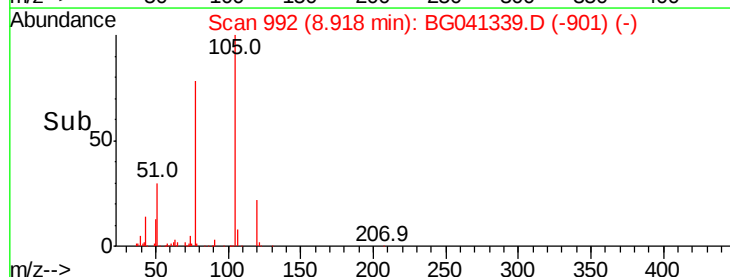
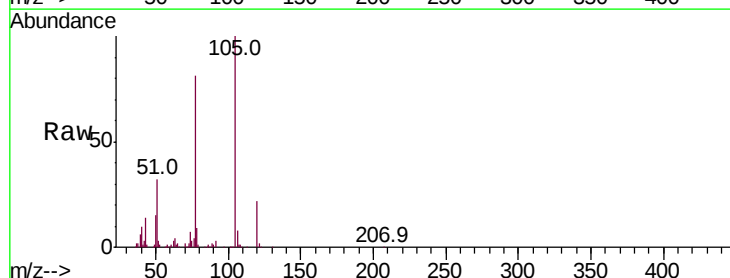
Ion Ratio Lower Upper

105 100

71 0.3 0.4 0.6#

51 31.5 28.2 42.4

120 22.2 17.4 26.0

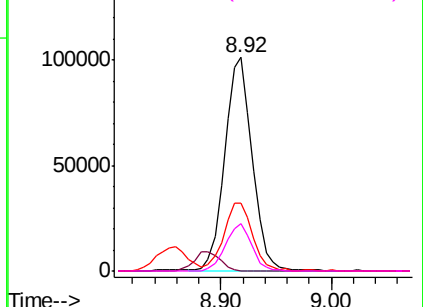


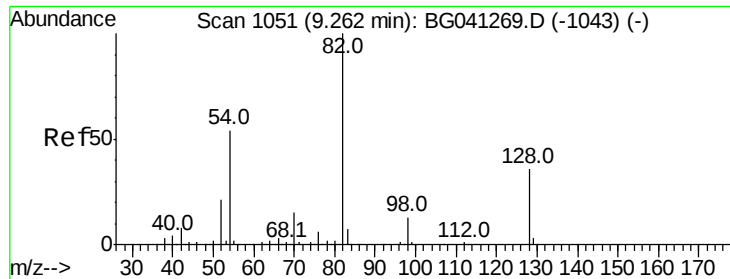
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

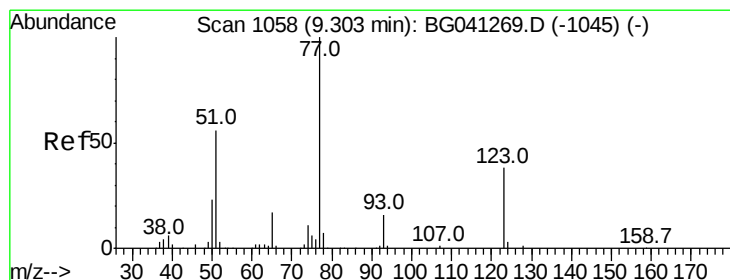
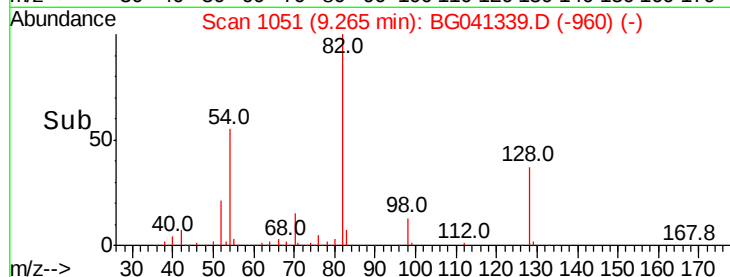
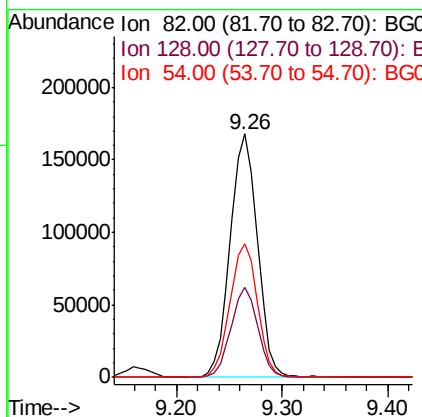
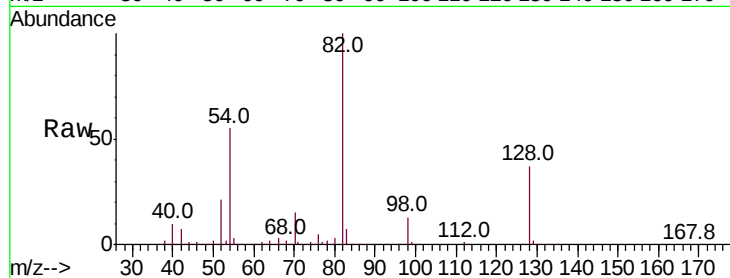




#23
 Nitrobenzene-d5
 Concen: 79.887 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

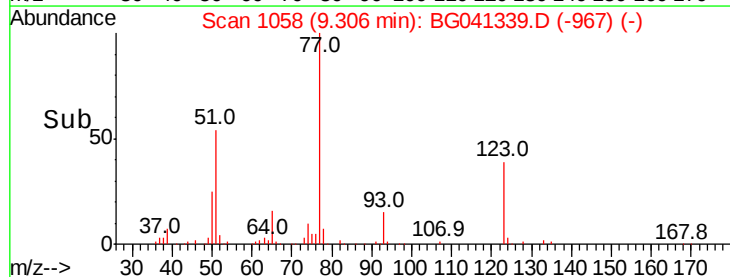
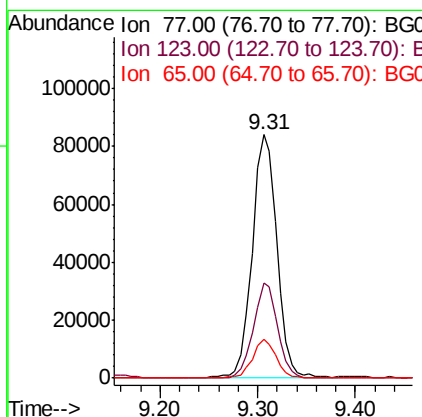
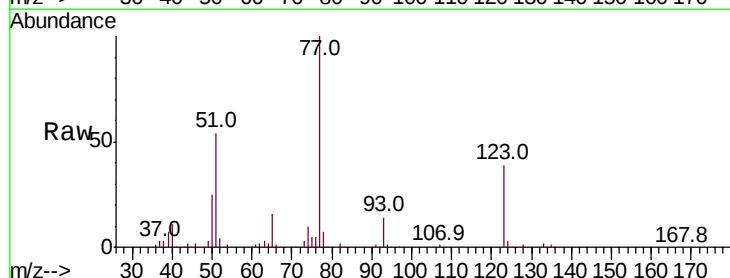
Instrument :
 BNA_G
 ClientSampleId :

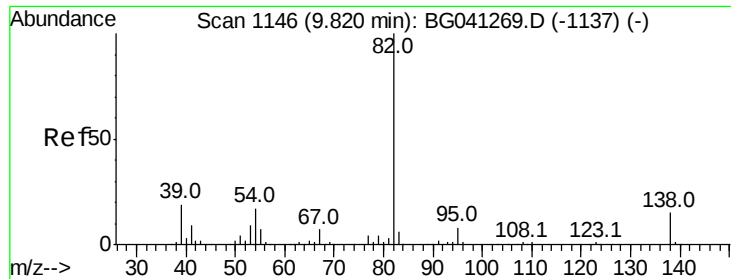
Tot Ion	82	Resp	299840
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.2	43.8
54	54.8	43.4	65.0



#24
 Nitrobenzene
 Concen: 39.331 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion	77	Resp	148466
Ion Ratio	Lower	Upper	
77	100		
123	39.2	30.4	45.6
65	16.0	13.3	19.9





#25

Isophorone

Concen: 37.213 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

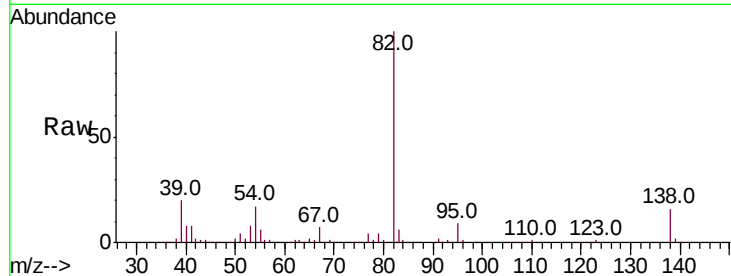
Tot Ion: 82 Resp: 256242

Ion Ratio Lower Upper

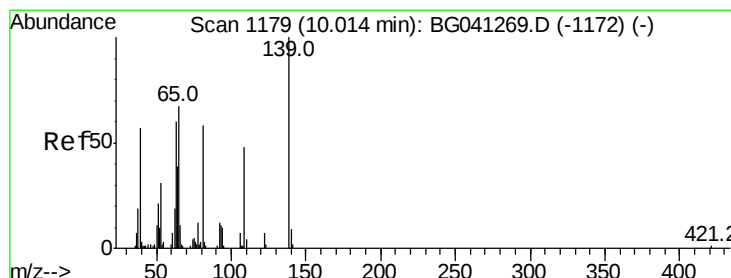
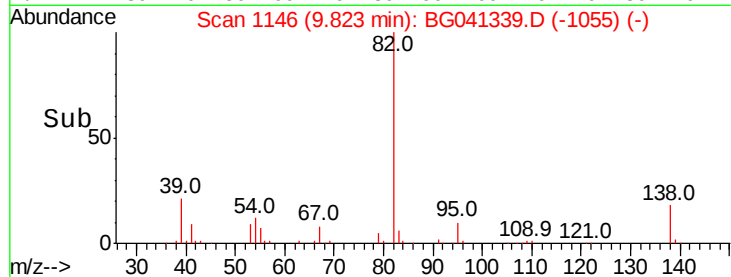
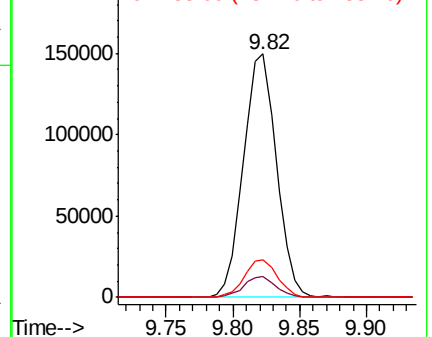
82 100

95 8.5 6.6 10.0

138 15.6 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: 39.874 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

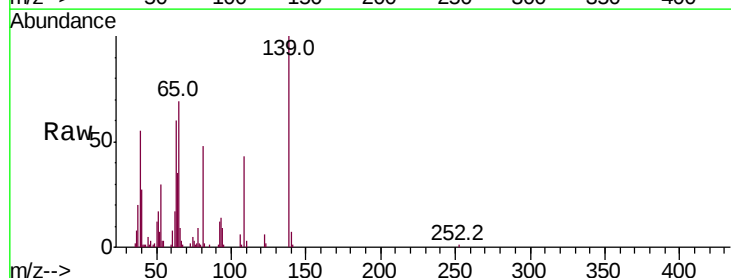
Tgt Ion: 139 Resp: 61022

Ion Ratio Lower Upper

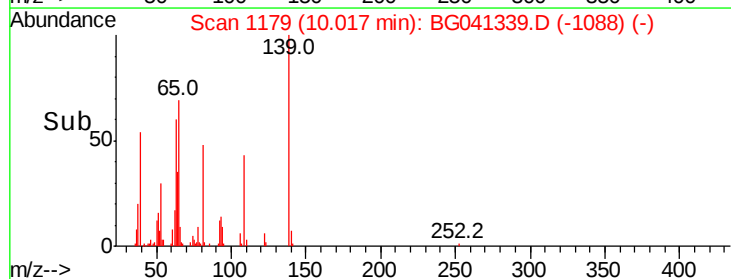
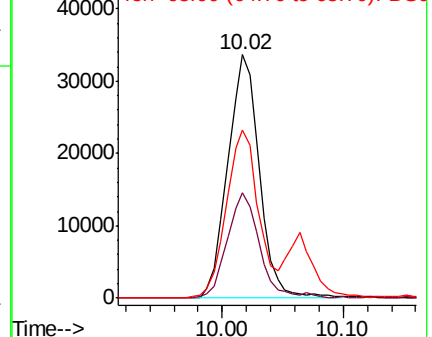
139 100

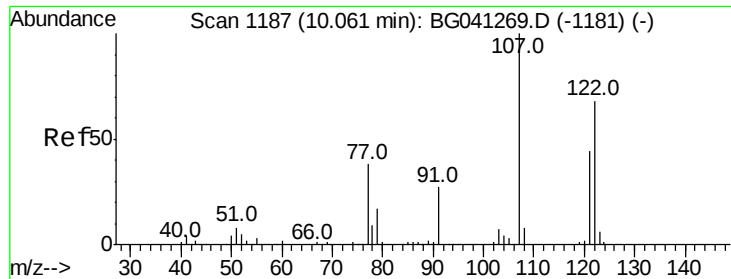
109 43.5 38.4 57.6

65 68.9 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

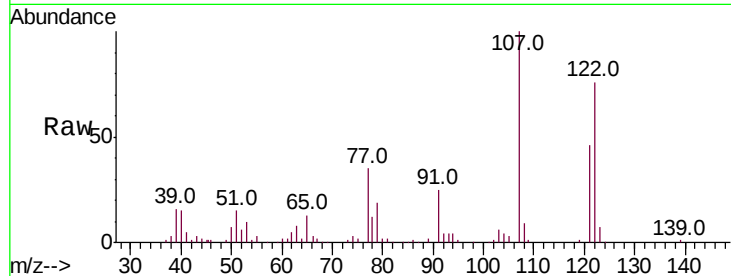




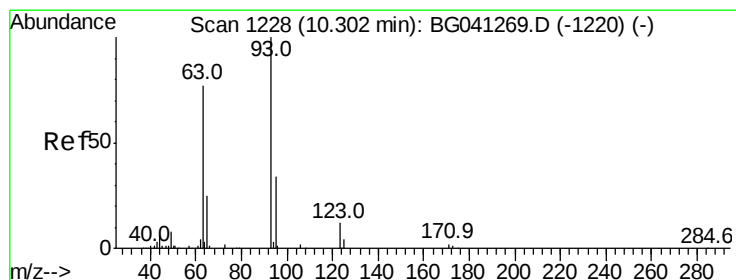
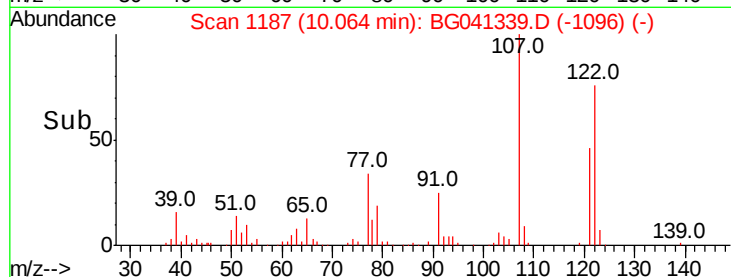
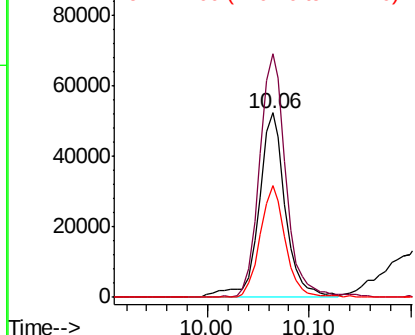
#27
2,4-Dimethylphenol
Concen: 41.372 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 94905
Ion Ratio Lower Upper
122 100
107 132.2 115.1 172.7
121 60.7 50.1 75.1

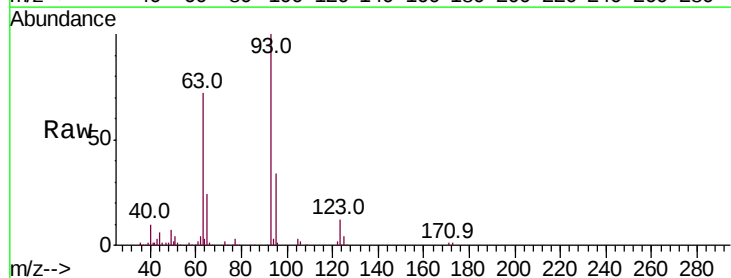


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

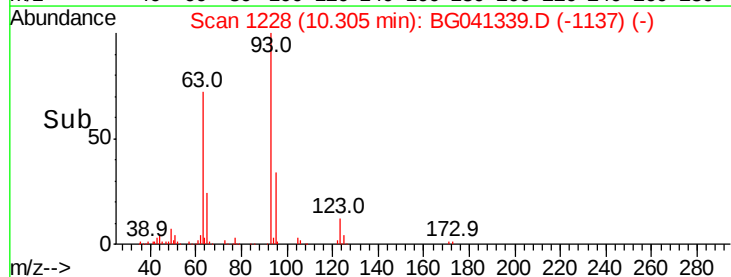
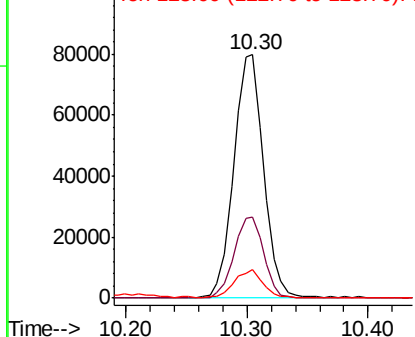


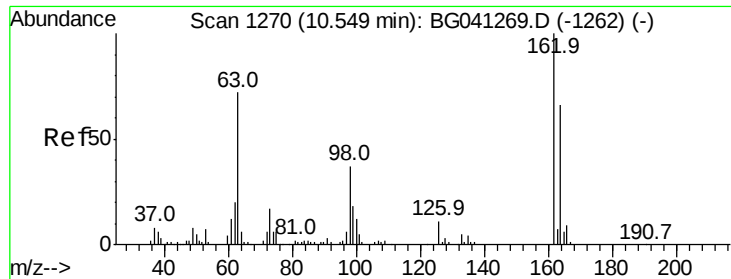
#28
bis(2-Chloroethoxy)methane
Concen: 38.310 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion: 93 Resp: 137452
Ion Ratio Lower Upper
93 100
95 33.5 27.3 40.9
123 11.8 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

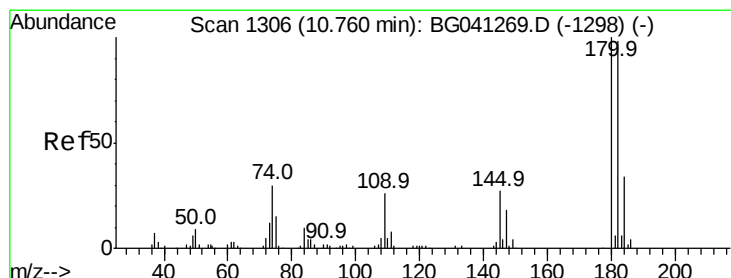
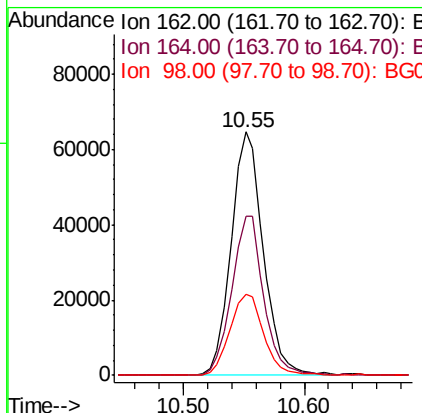
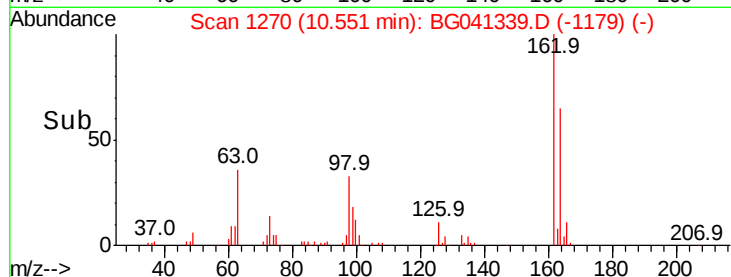
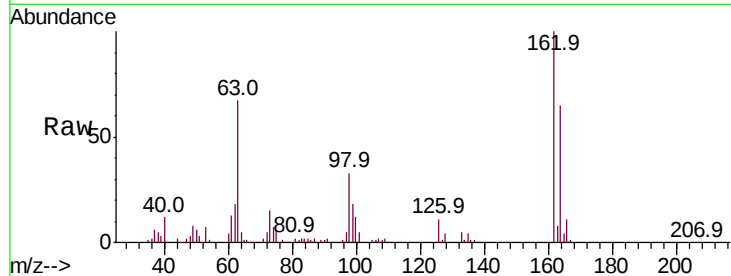




#29
 2,4-Dichlorophenol
 Concen: 41.969 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

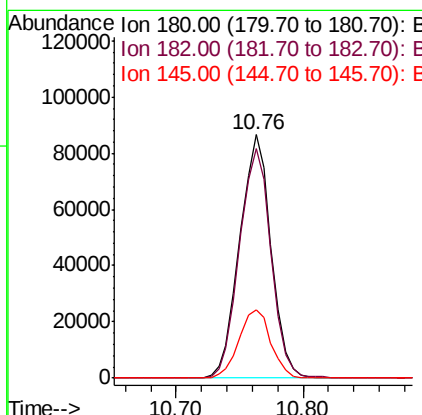
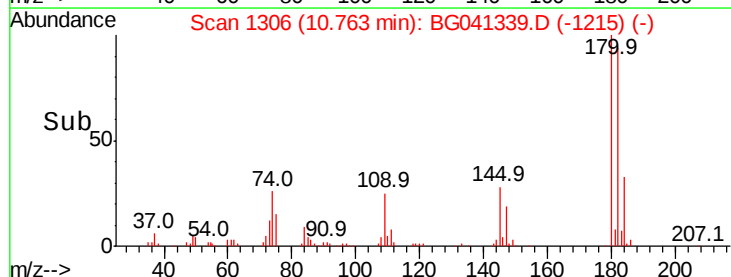
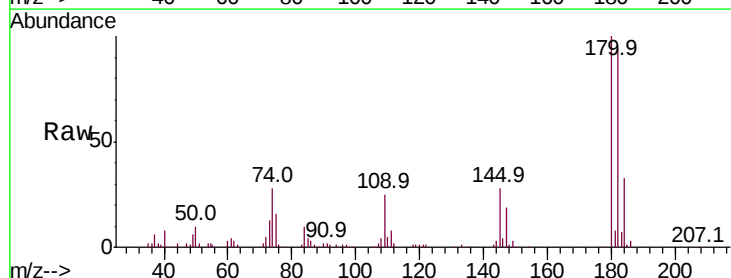
Instrument :
 BNA_G
 ClientSampleId :

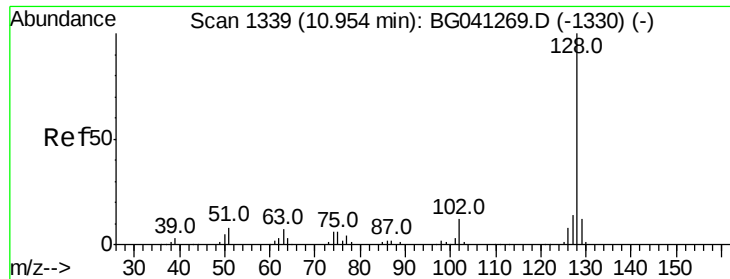
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.0	86.0
98	33.4	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.753 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.6	117.8
145	28.1	21.7	32.5

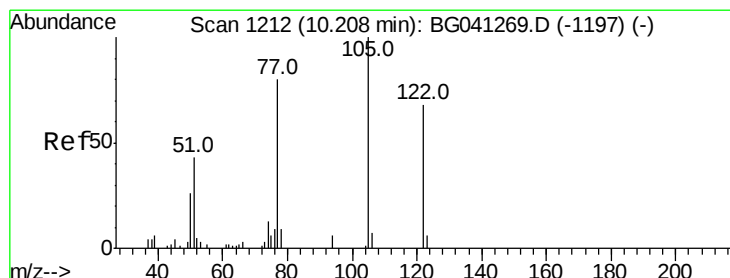
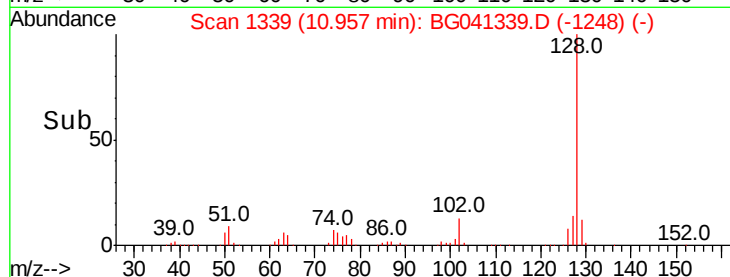
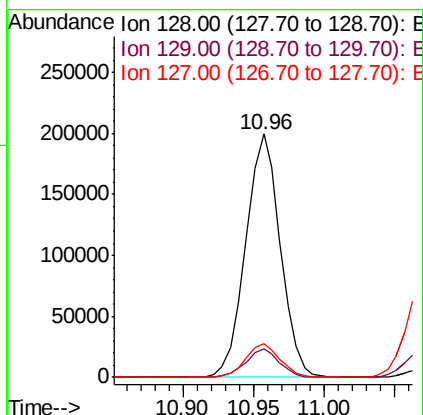
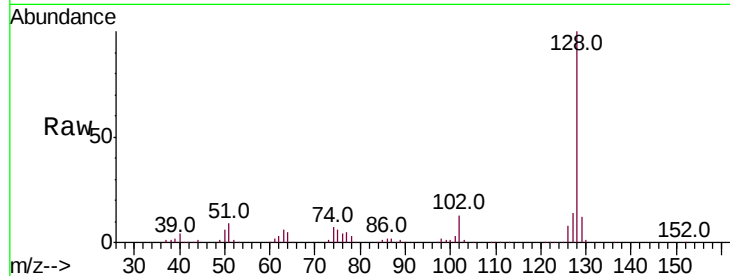




#31
Naphthalene
Concen: 39.939 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

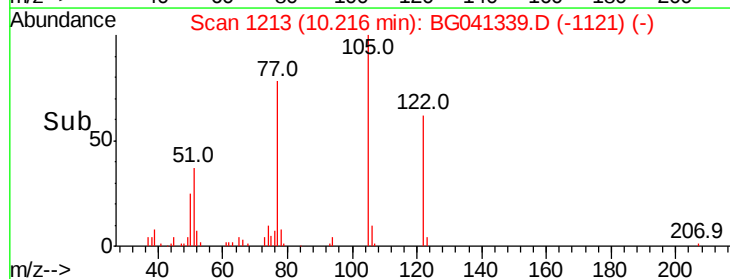
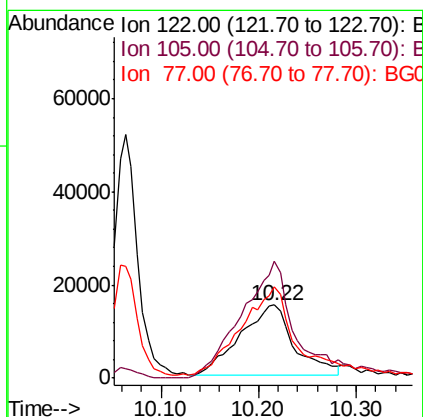
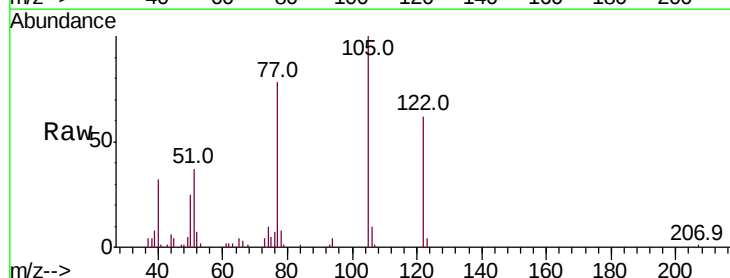
Instrument :
BNA_G
ClientSampled :

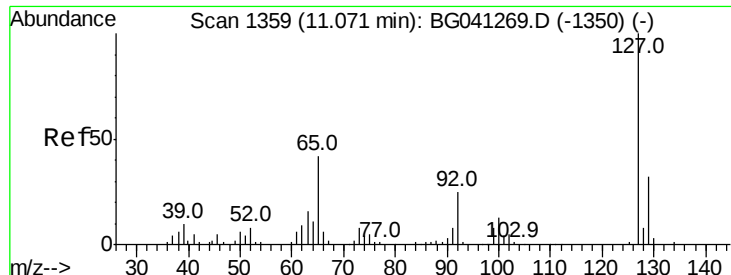
Tot Ion:128 Resp: 342632
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.9 11.2 16.8



#32
Benzoic acid
Concen: 39.255 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:122 Resp: 58620
Ion Ratio Lower Upper
122 100
105 161.0 124.2 164.2
77 126.0 97.2 137.2

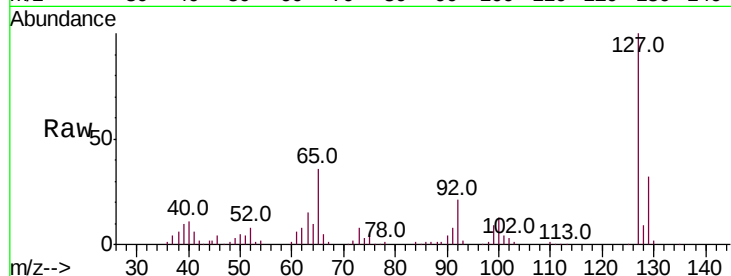




#33
4-Chloroaniline
Concen: 40.399 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	147192
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	35.9	33.8	50.8
92	21.2	20.2	30.4



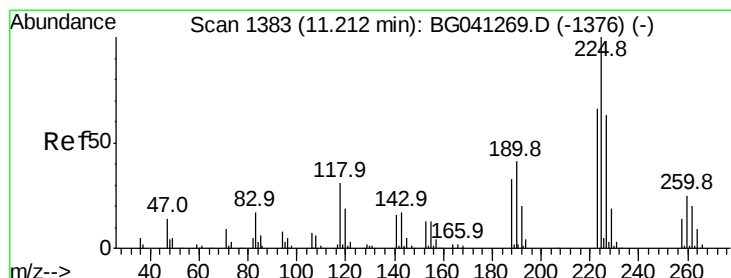
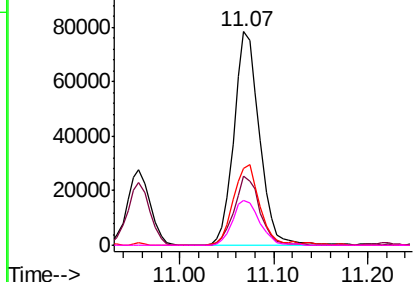
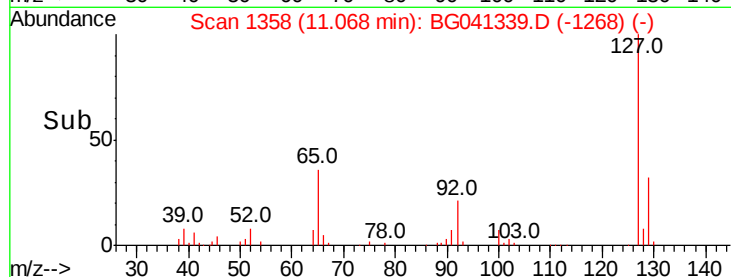
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

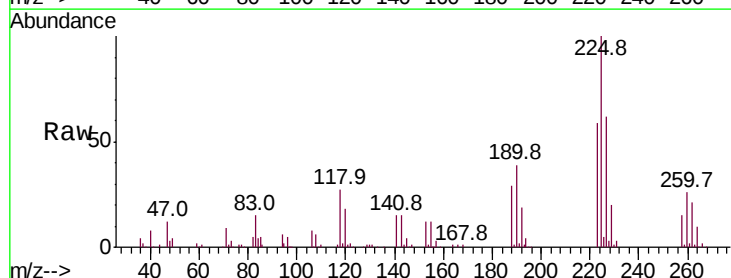
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.248 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:	225	Resp:	116380
Ion	Ratio	Lower	Upper
225	100		
223	59.4	52.5	78.7
227	62.2	50.2	75.2

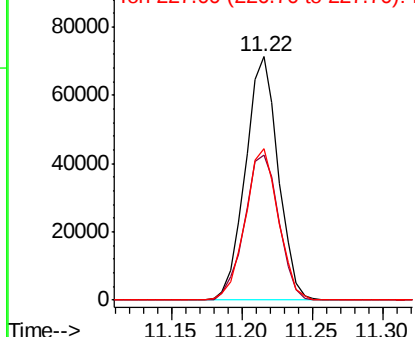
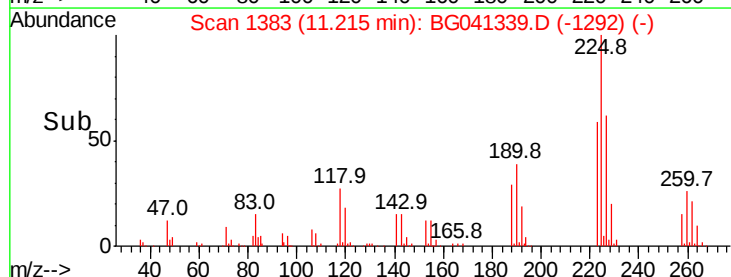


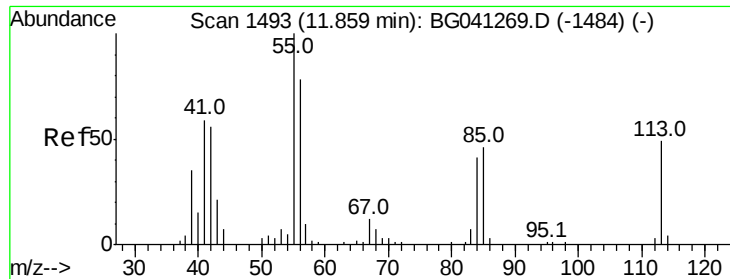
Abundance

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: 36.496 ng

RT: 11.88 min Scan# 1496

Delta R.T. 0.02 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

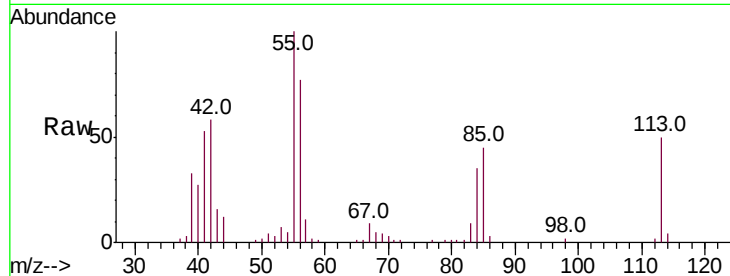
Tot Ion:113 Resp: 35737

Ion Ratio Lower Upper

113 100

55 201.5 182.6 222.6

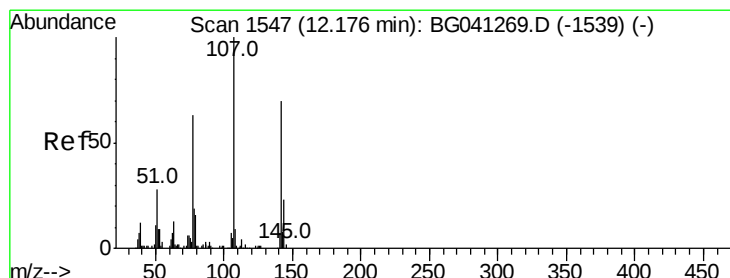
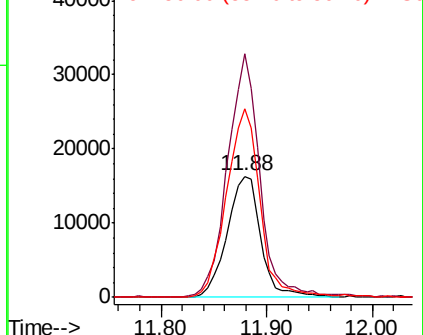
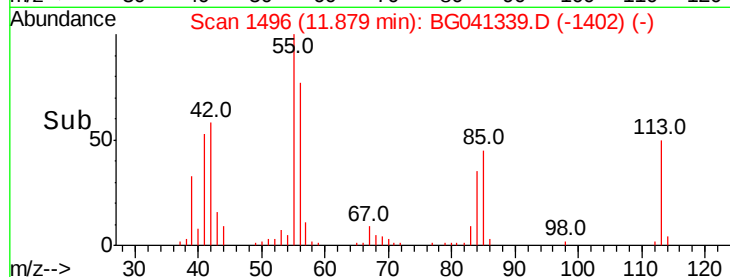
56 155.9 137.5 177.5



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: 39.176 ng

RT: 12.18 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

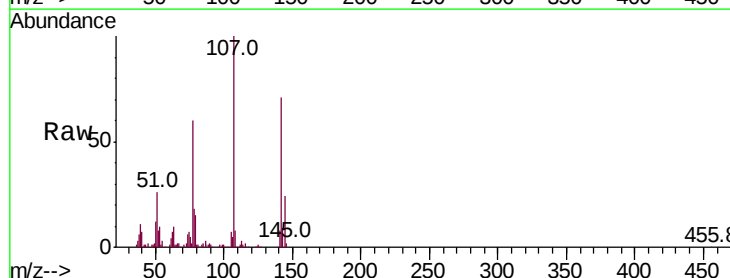
Tgt Ion:107 Resp: 128708

Ion Ratio Lower Upper

107 100

144 23.8 18.5 27.7

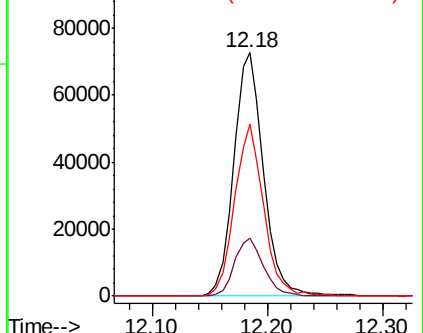
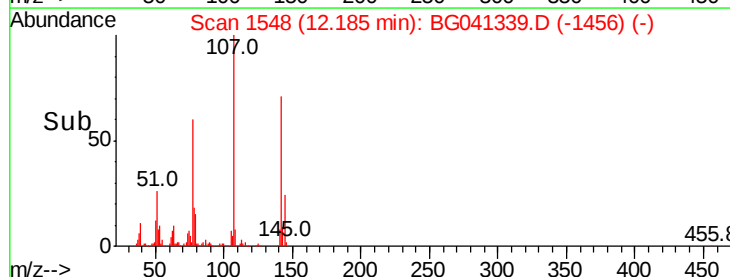
142 70.8 56.3 84.5

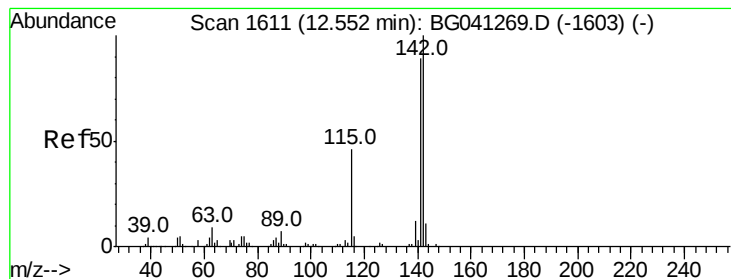


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.620 ng

RT: 12.55 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

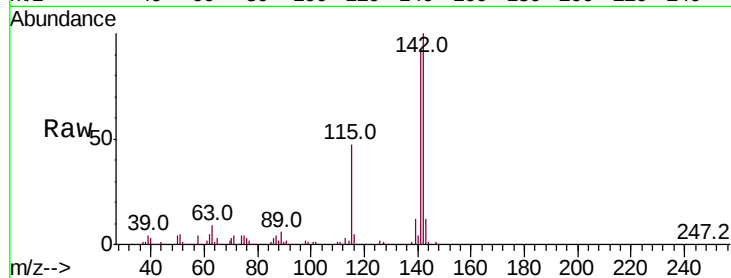
Tot Ion:142 Resp: 250337

Ion Ratio Lower Upper

142 100

141 91.9 71.5 107.3

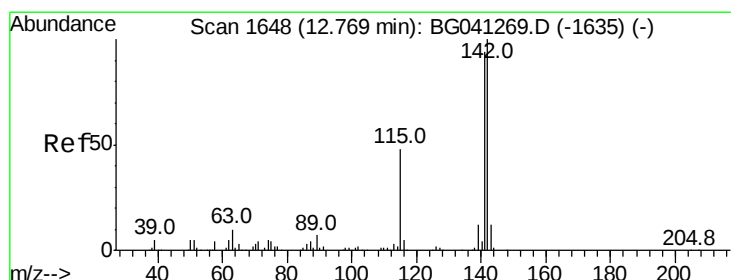
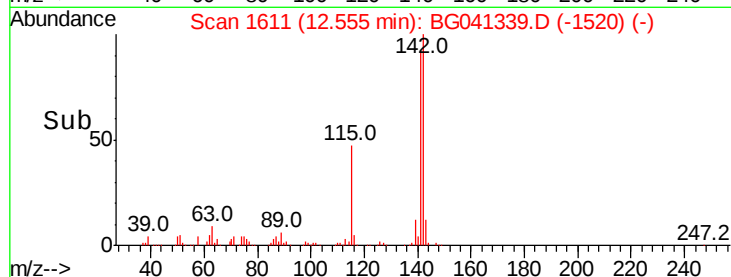
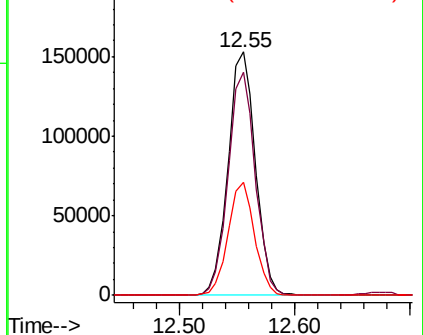
115 46.6 37.0 55.6



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: 39.306 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

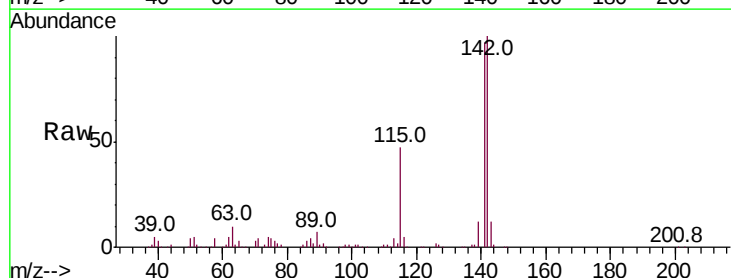
Tgt Ion:142 Resp: 237616

Ion Ratio Lower Upper

142 100

141 96.8 75.0 112.6

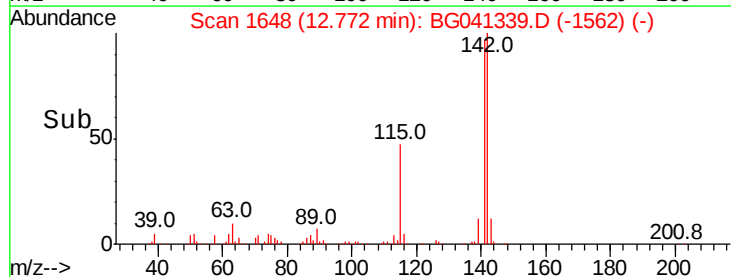
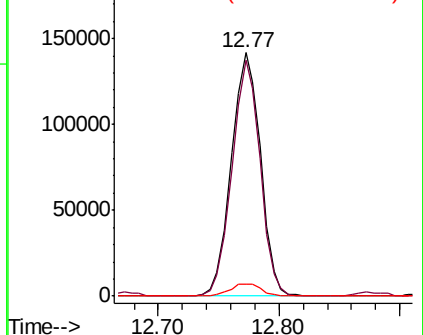
116 4.8 4.2 6.2

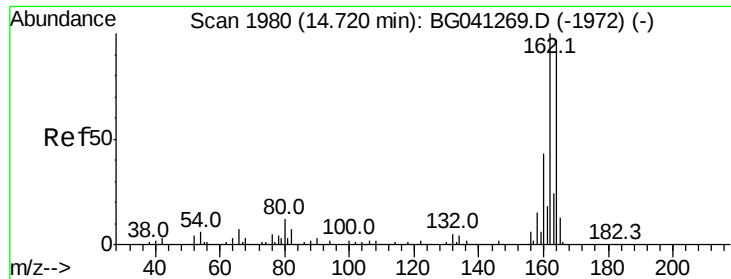


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1980

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

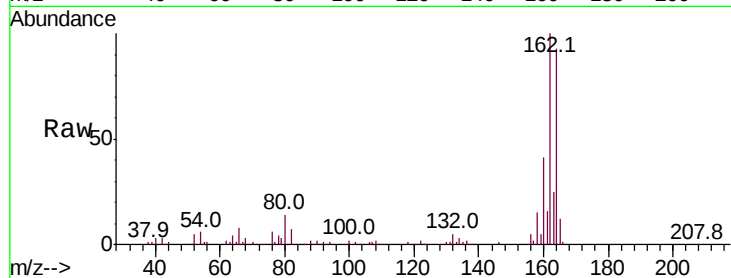
Tot Ion:164 Resp: 106466

Ion Ratio Lower Upper

164 100

162 107.1 82.8 124.2

160 44.0 35.8 53.8

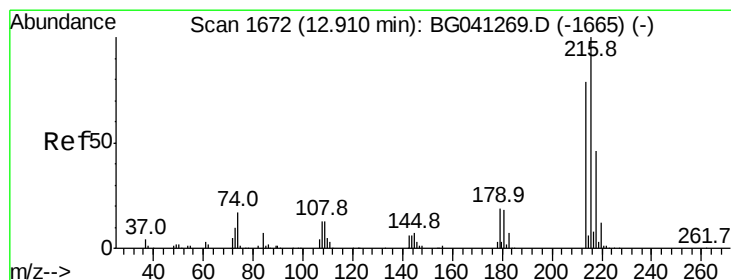
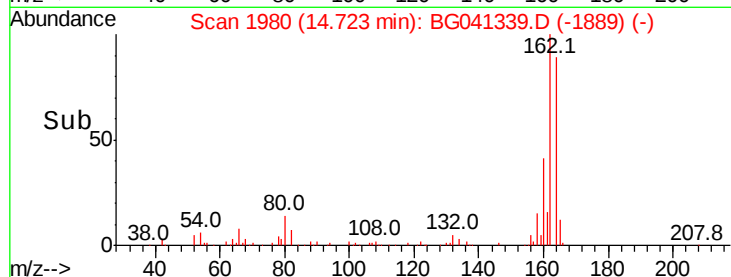
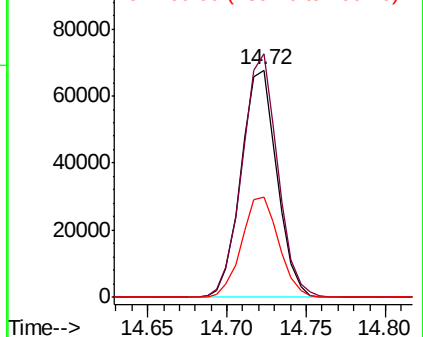


Abundance

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: 43.137 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Tgt Ion:216 Resp: 189644

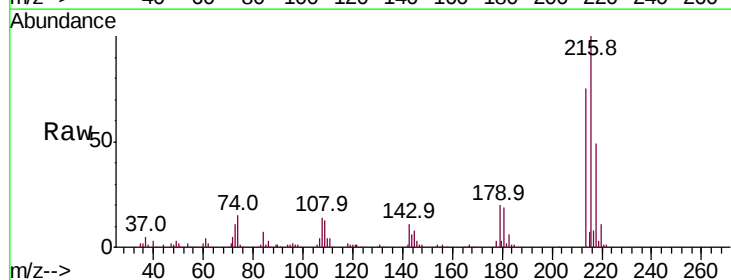
Ion Ratio Lower Upper

216 100

214 77.9 62.8 94.2

179 19.4 15.2 22.8

108 14.2 12.4 18.6



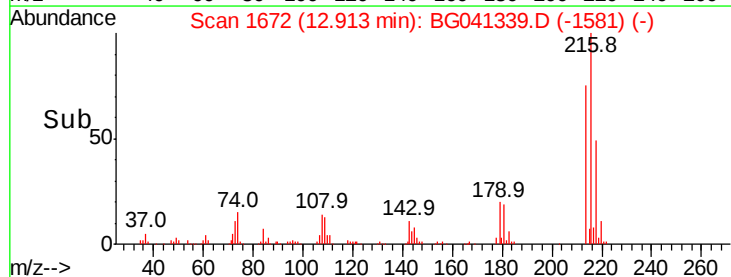
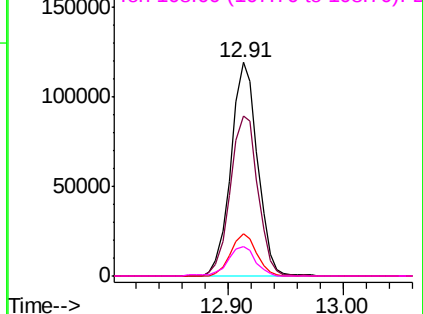
Abundance

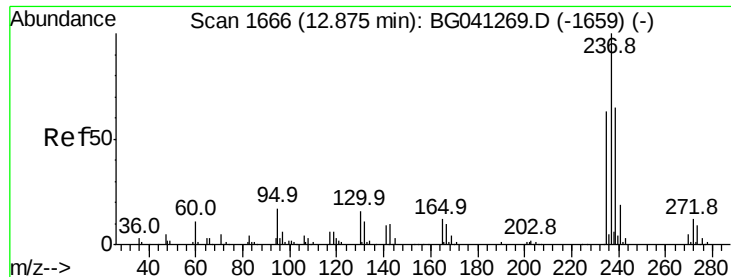
Ion 216.00 (215.70 to 216.70): E

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: 11.892 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

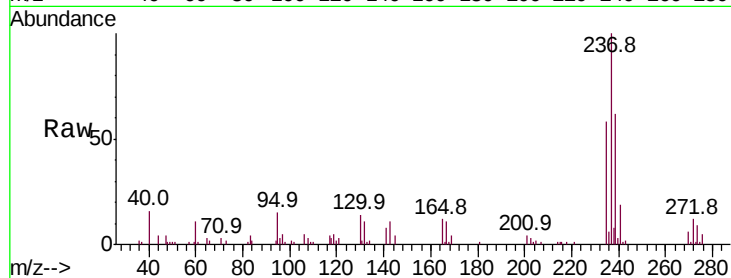
Tot Ion:237 Resp: 35215

Ion Ratio Lower Upper

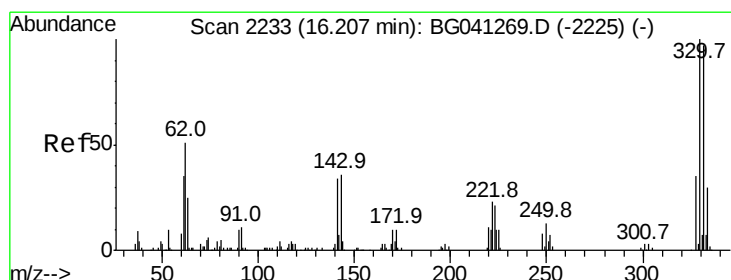
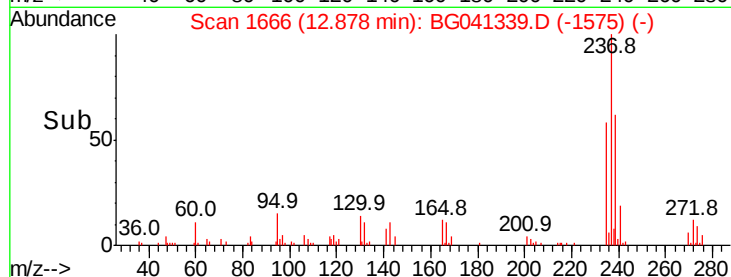
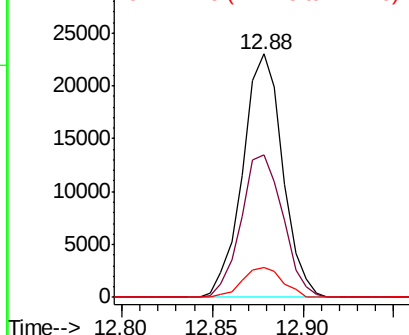
237 100

235 58.3 42.9 82.9

272 12.4 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: 79.421 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

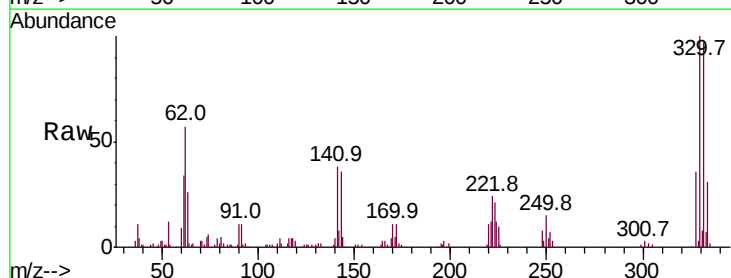
Tgt Ion:330 Resp: 129813

Ion Ratio Lower Upper

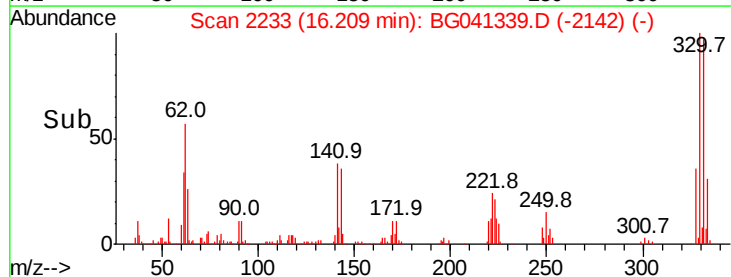
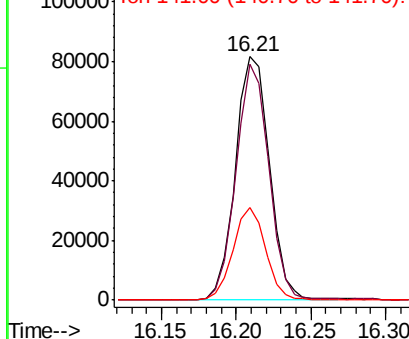
330 100

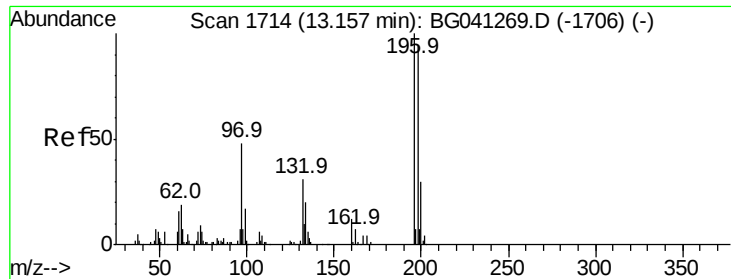
332 94.0 75.5 113.3

141 36.3 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

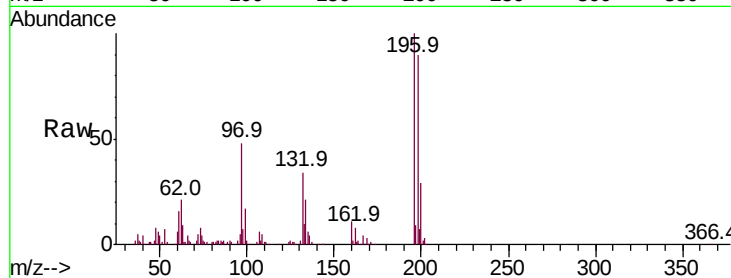




#43
 2,4,6-Trichlorophenol
 Concen: 43.544 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	118423
Ion Ratio	Lower	Upper	
196	100		
198	90.5	74.9	112.3
200	29.2	24.2	36.2

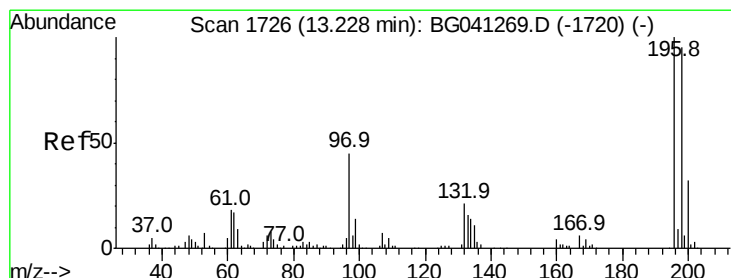
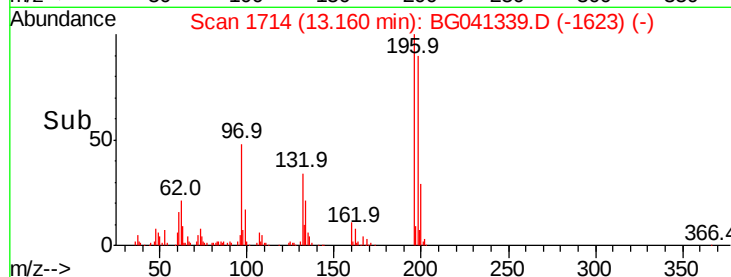
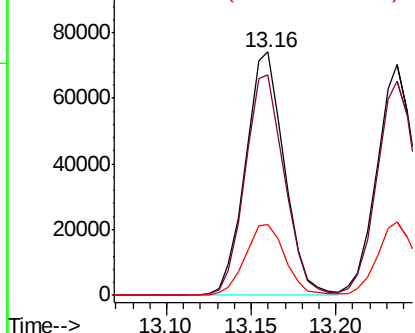


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.585 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion	196	Resp	116367
Ion Ratio	Lower	Upper	
196	100		
198	93.0	76.1	114.1
97	45.6	35.9	53.9
132	20.1	17.0	25.6

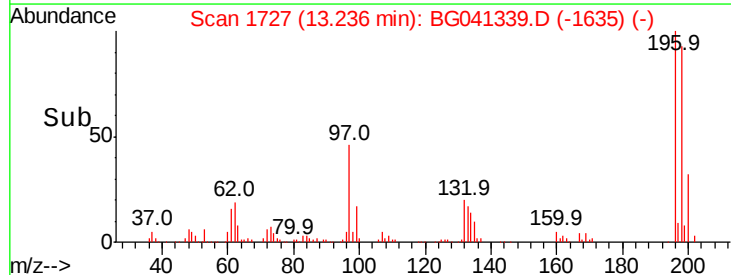
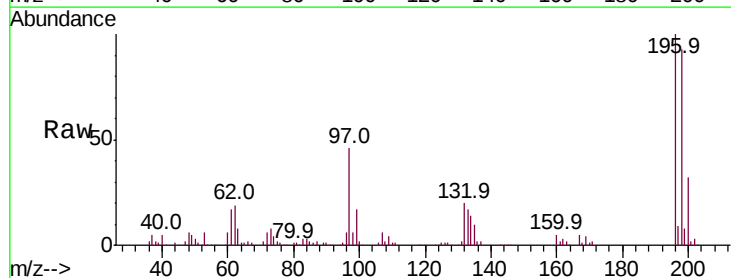
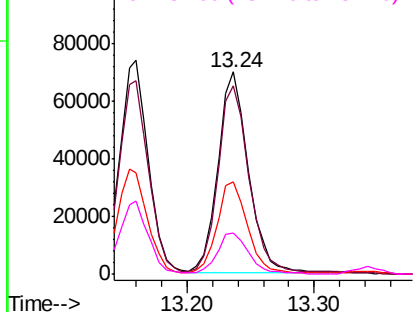
Abundance

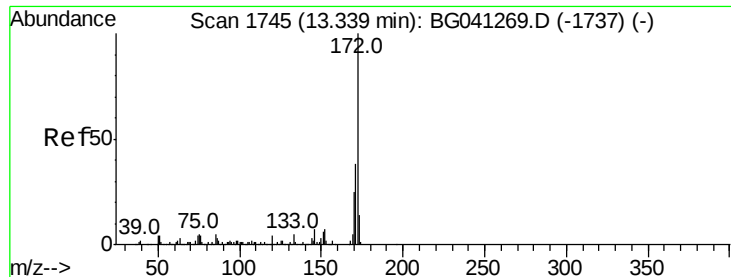
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 82.831 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

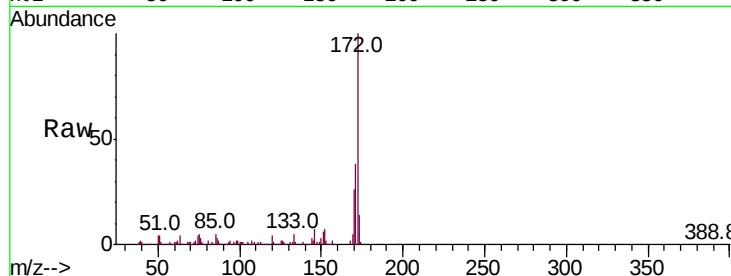
Tot Ion:172 Resp: 648834

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

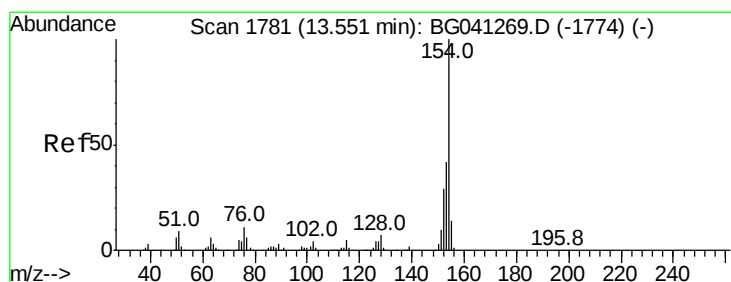
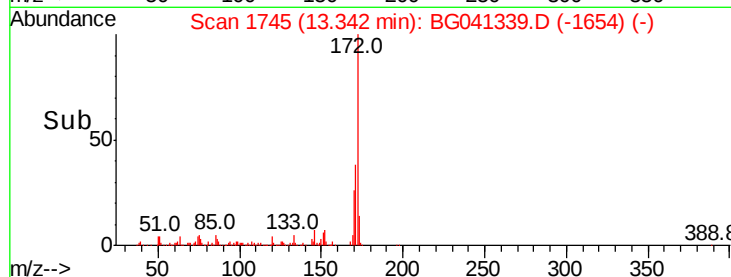
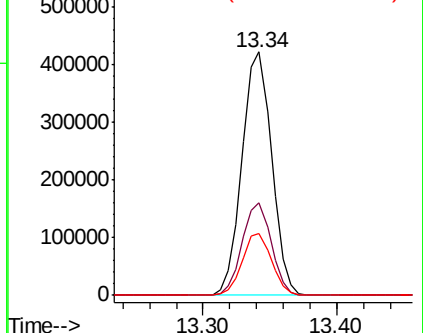
170 25.7 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.416 ng

RT: 13.55 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

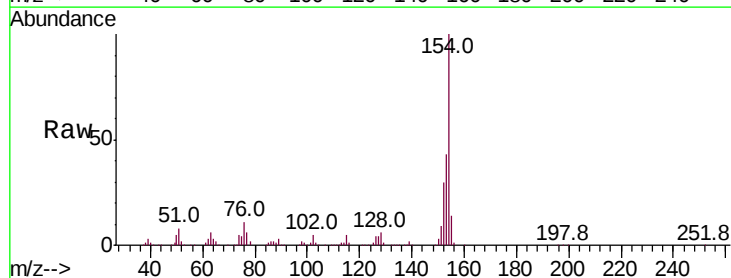
Tgt Ion:154 Resp: 333344

Ion Ratio Lower Upper

154 100

153 42.5 22.3 62.3

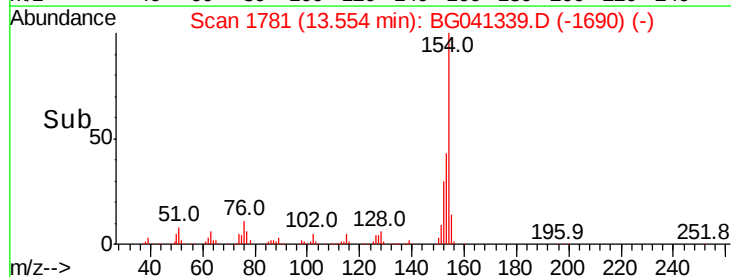
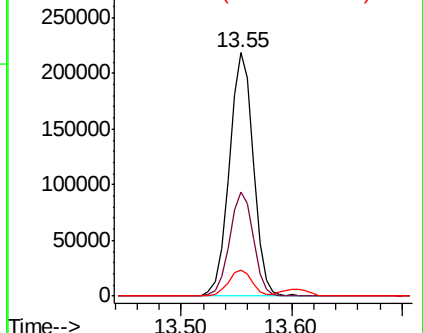
76 10.9 0.0 30.8

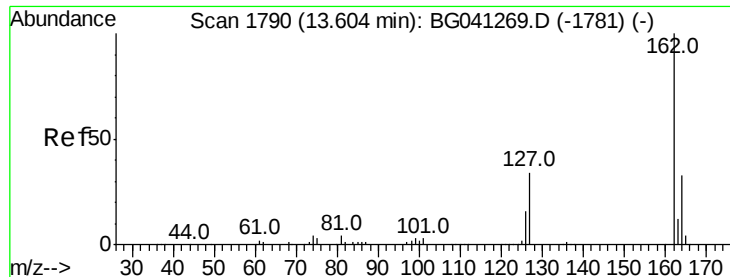


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

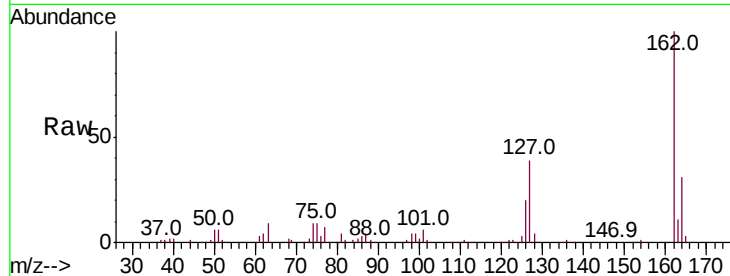




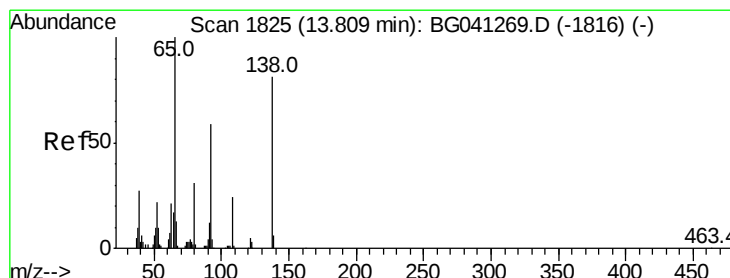
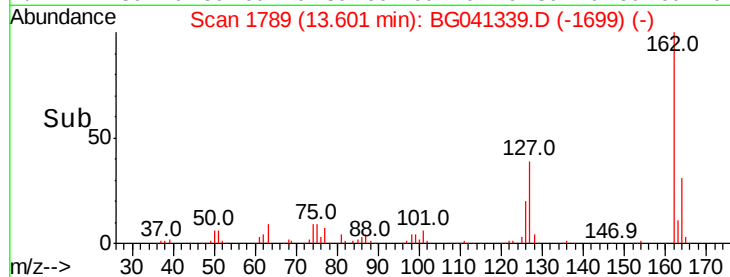
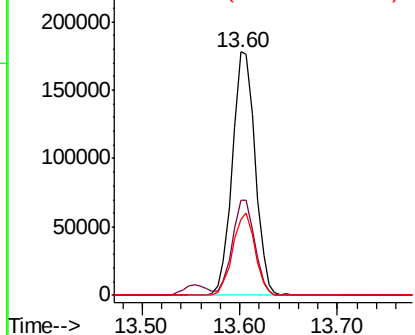
#47
2-Chloronaphthalene
Concen: 41.695 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 288928
Ion Ratio Lower Upper
162 100
127 39.2 31.0 46.4
164 31.3 26.1 39.1

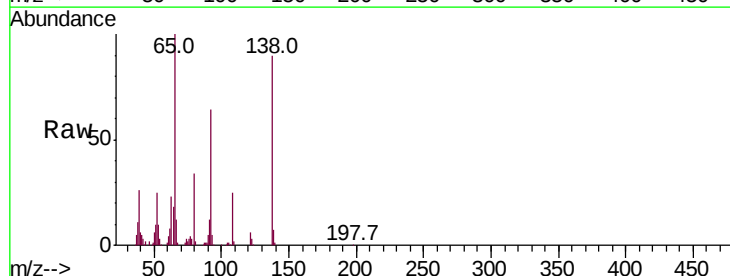


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

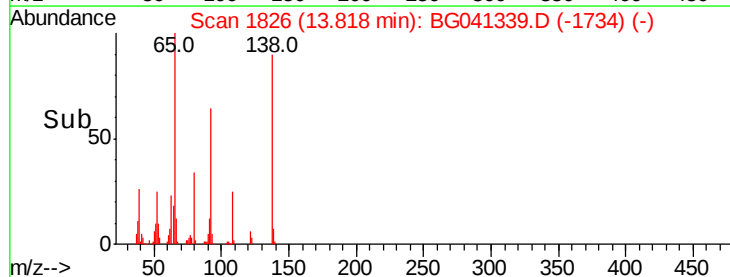
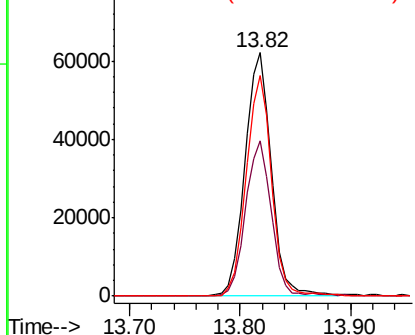


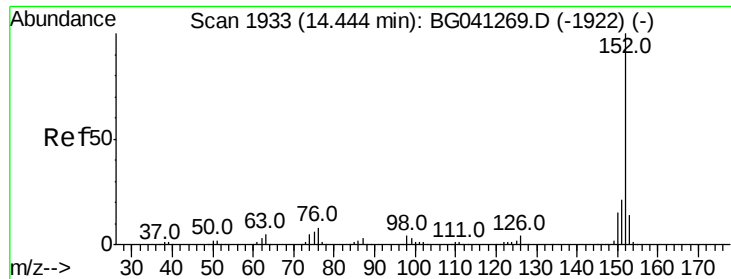
#48
2-Nitroaniline
Concen: 41.141 ng
RT: 13.82 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion: 65 Resp: 104409
Ion Ratio Lower Upper
65 100
92 63.7 47.4 71.2
138 90.4 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: 40.267 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

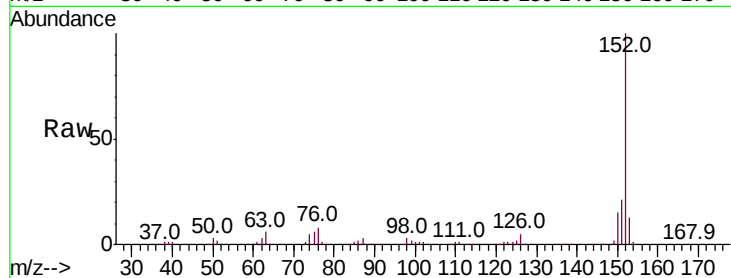
Tot Ion:152 Resp: 423417

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	12.7	10.8	16.2

152 100

151 21.4 16.8 25.2

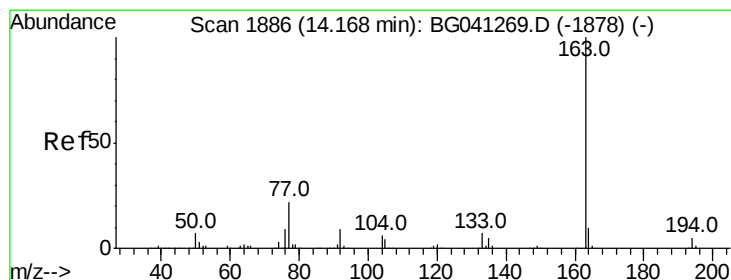
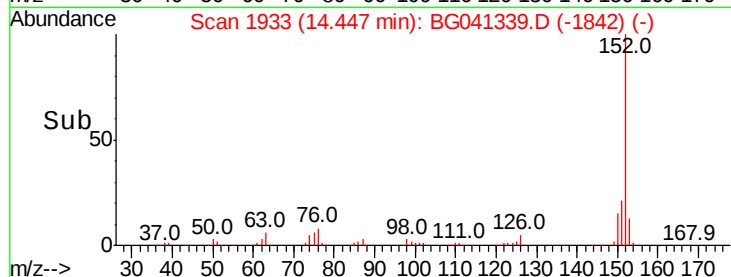
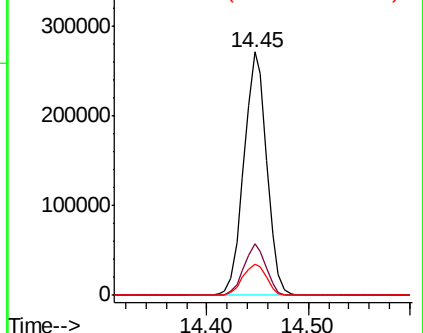
153 12.7 10.8 16.2



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: 37.957 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

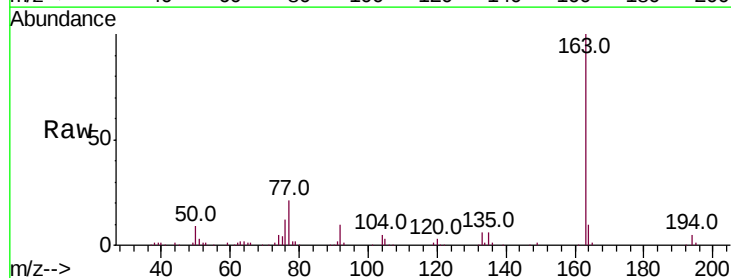
Tgt Ion:163 Resp: 359565

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	10.1	8.3	12.5

163 100

194 4.7 3.9 5.9

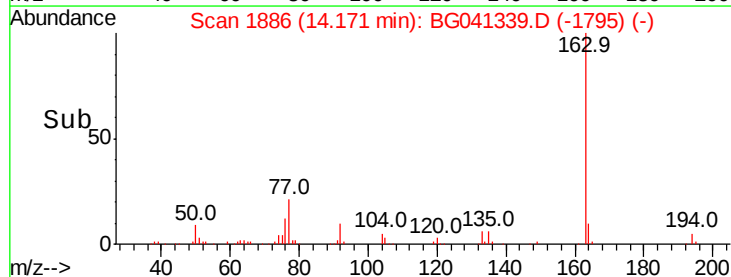
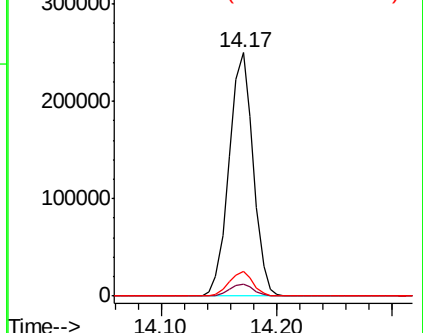
164 10.1 8.3 12.5

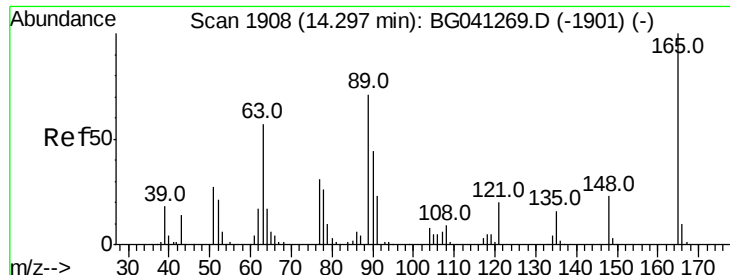


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

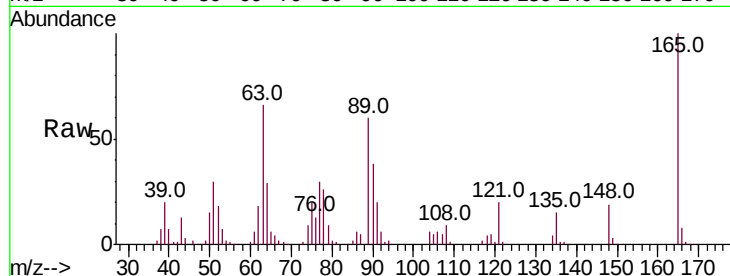




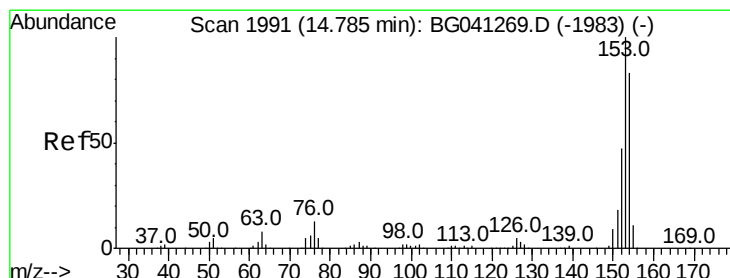
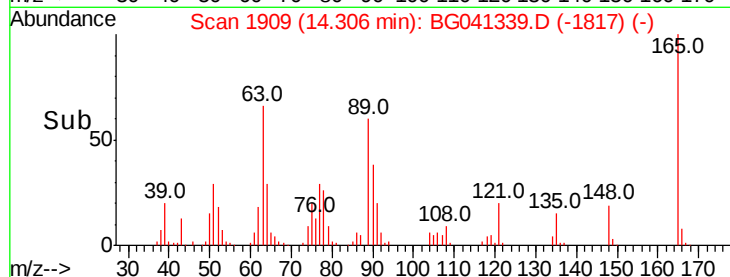
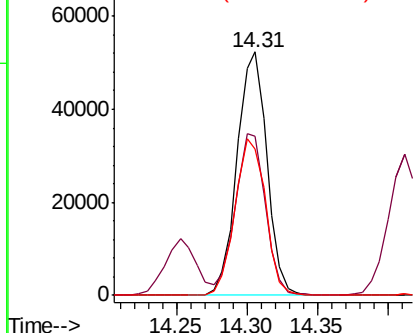
#51
 2,6-Dinitrotoluene
 Concen: 38.660 ng
 RT: 14.31 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 77219
 Ion Ratio Lower Upper
 165 100
 63 65.5 55.4 83.0
 89 60.2 56.5 84.7

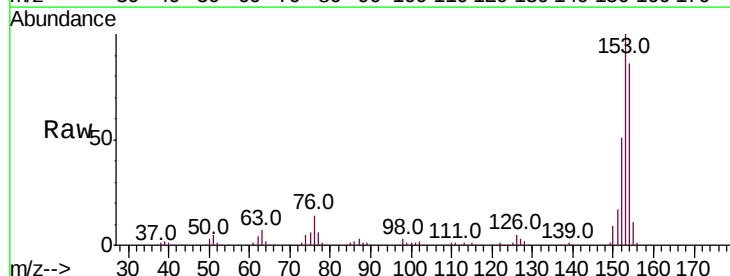


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

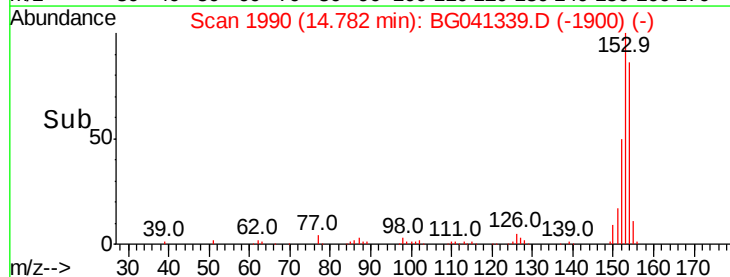
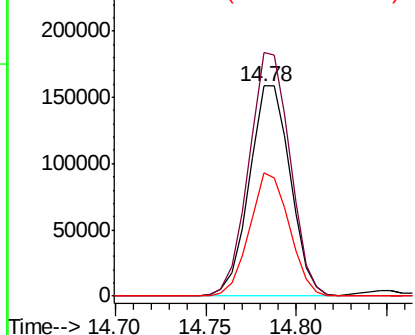


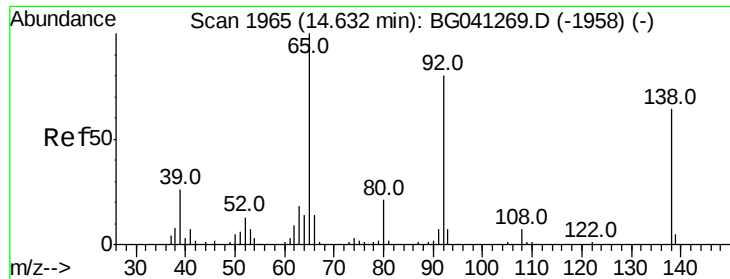
#52
 Acenaphthene
 Concen: 40.533 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion:154 Resp: 250280
 Ion Ratio Lower Upper
 154 100
 153 116.0 96.6 145.0
 152 59.0 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: 41.071 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

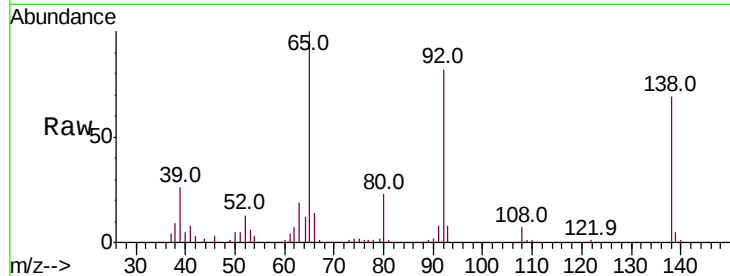
Tot Ion:138 Resp: 80824

Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

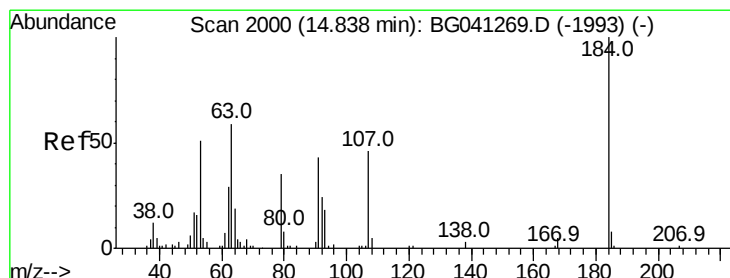
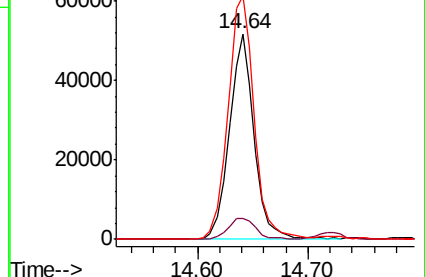
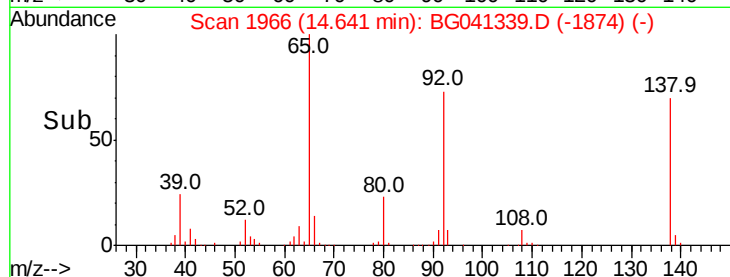
92 118.6 100.2 150.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 12.600 ng

RT: 14.85 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

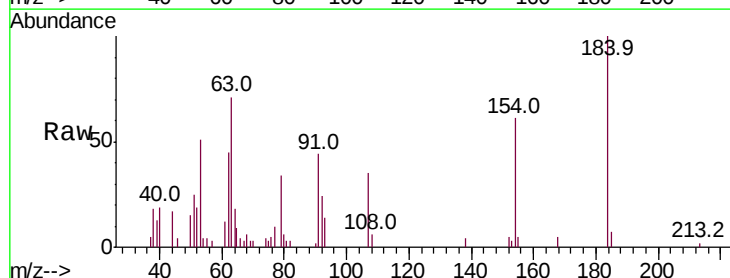
Tgt Ion:184 Resp: 11855

Ion Ratio Lower Upper

184 100

63 71.3 60.0 90.0

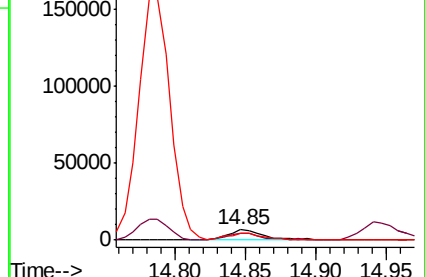
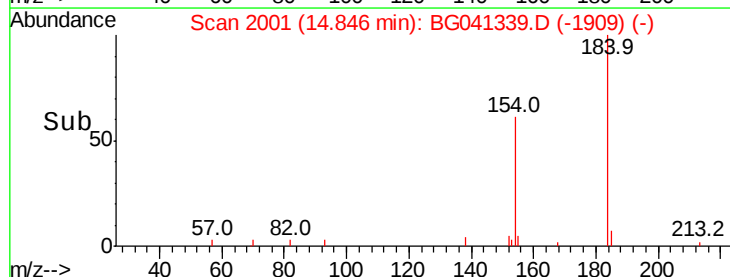
154 61.5 58.3 87.5

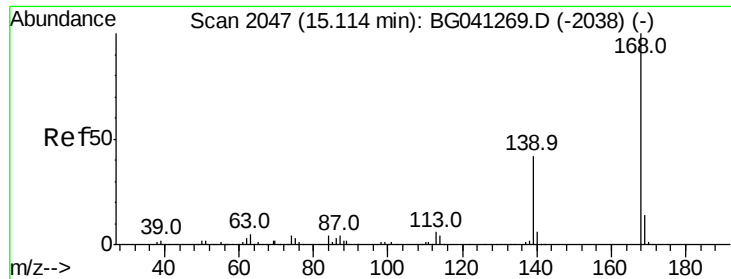


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

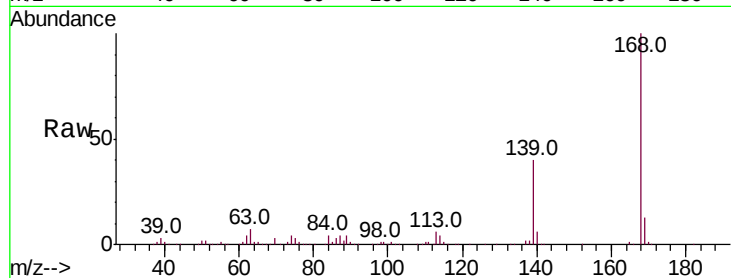




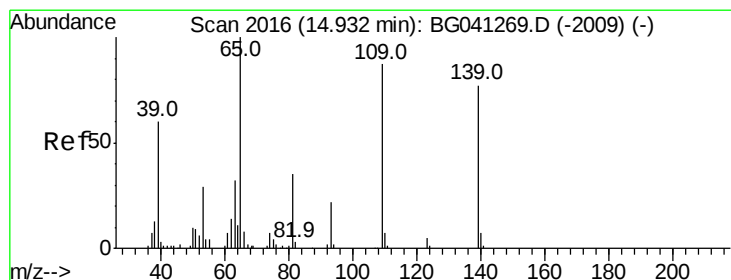
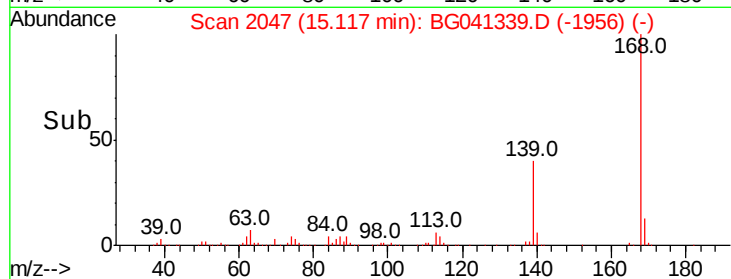
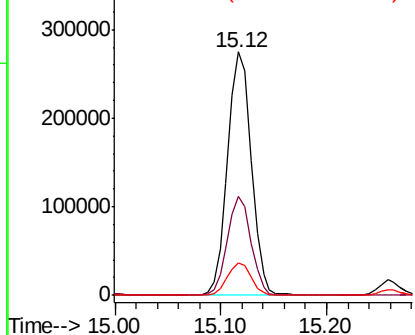
#55
Dibenzofuran
Concen: 39.774 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 427002
Ion Ratio Lower Upper
168 100
139 40.4 33.6 50.4
169 13.4 10.8 16.2

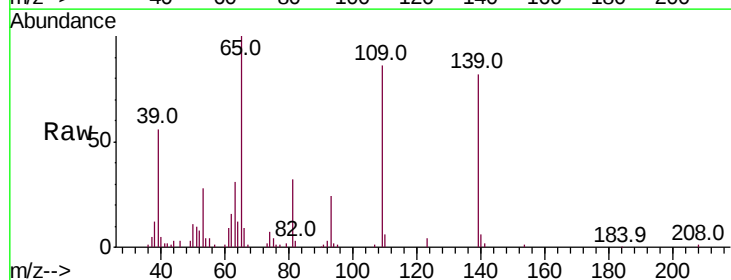


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

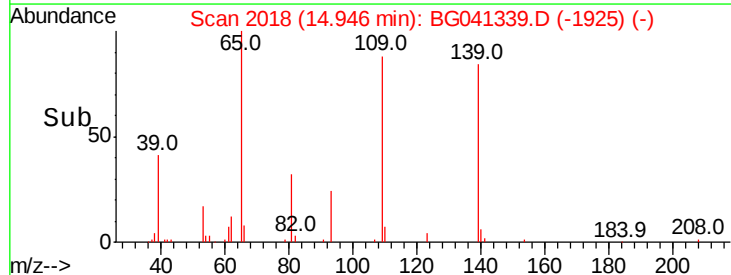
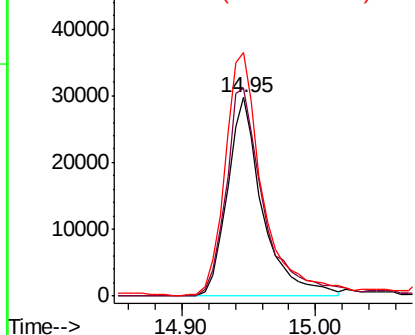


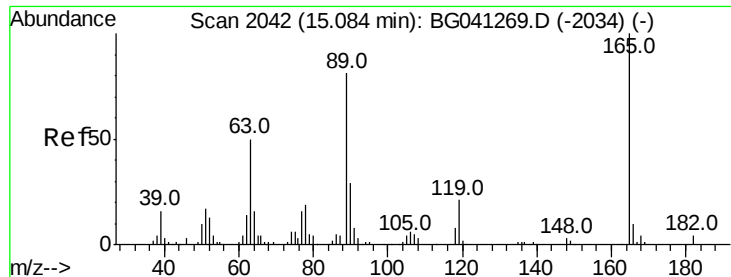
#56
4-Nitrophenol
Concen: 38.196 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:139 Resp: 54485
Ion Ratio Lower Upper
139 100
109 104.8 93.2 133.2
65 122.5 110.2 150.2



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

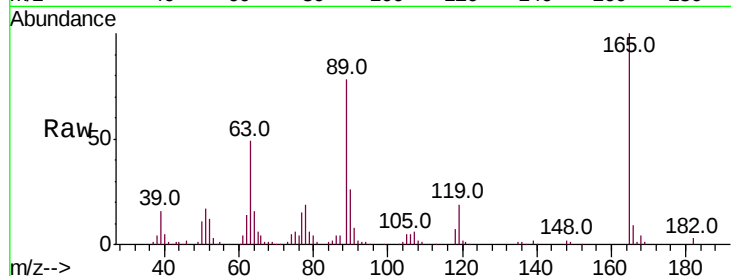




#57
2,4-Dinitrotoluene
Concen: 38.466 ng
RT: 15.09 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	40.0	60.0
89	78.3	64.6	96.8
182	2.8	2.9	4.3#



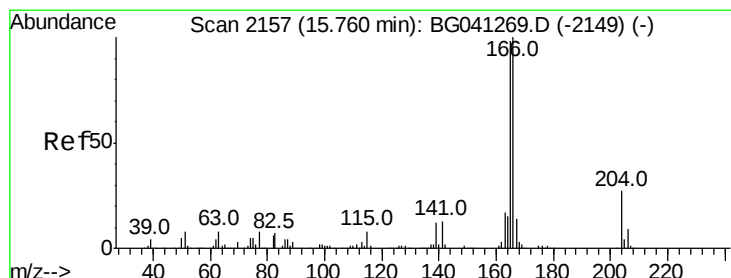
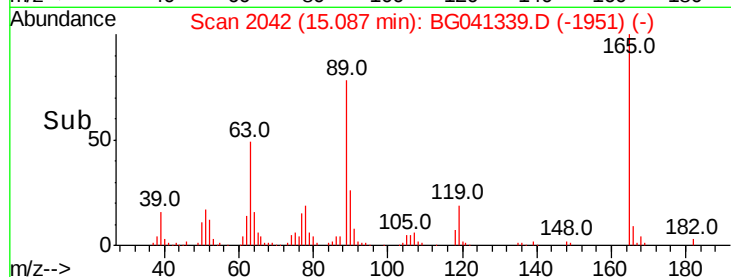
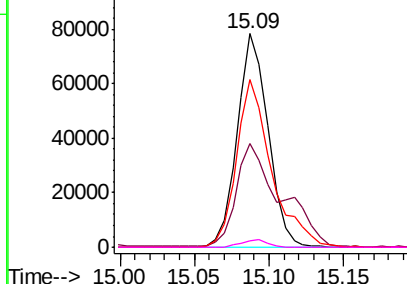
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

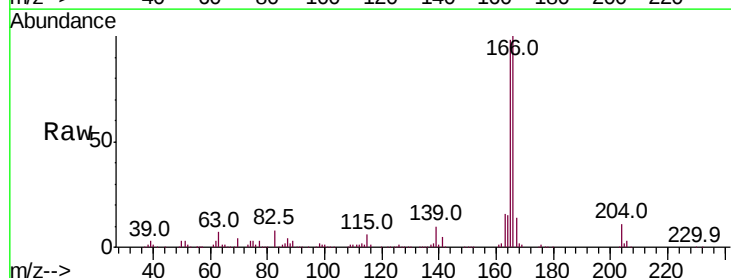
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.675 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	14.2	11.3	16.9

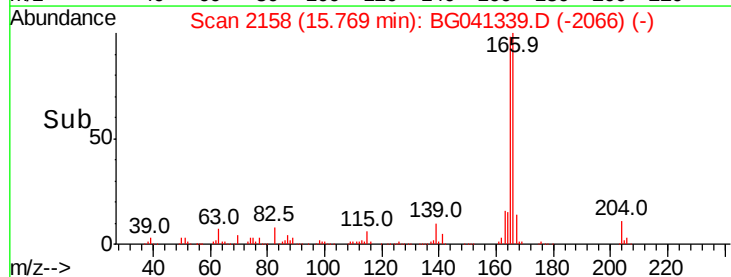
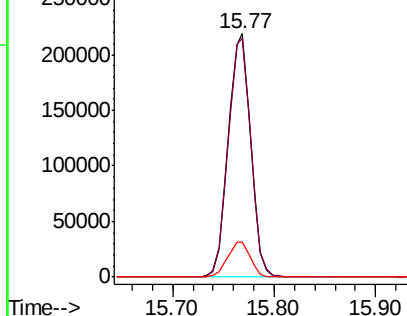


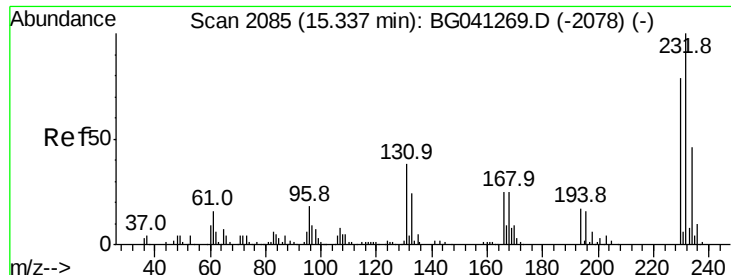
Abundance

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

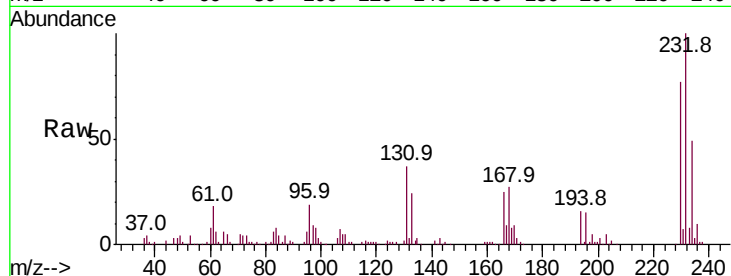




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.461 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.1	29.0	43.6
130	2.2	1.6	2.4
166	25.3	21.0	31.4



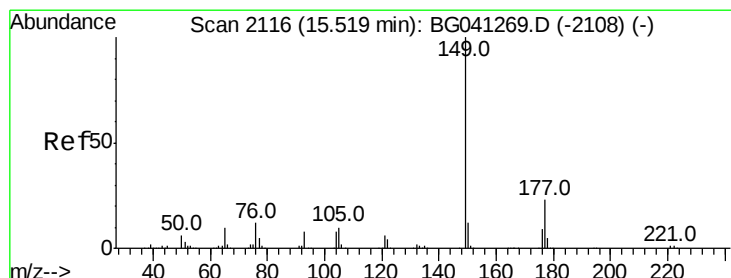
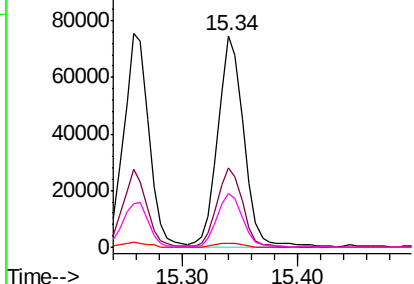
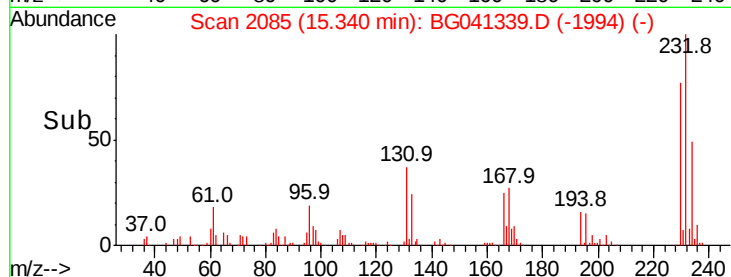
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

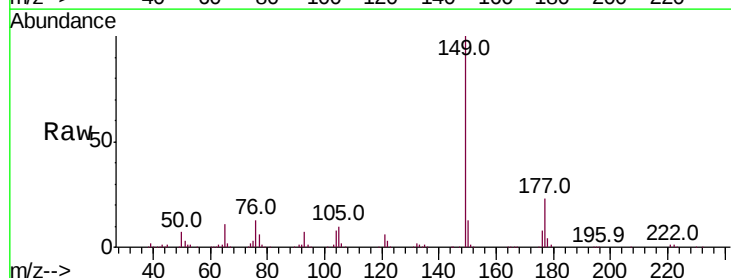
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.124 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.5	9.9	14.9

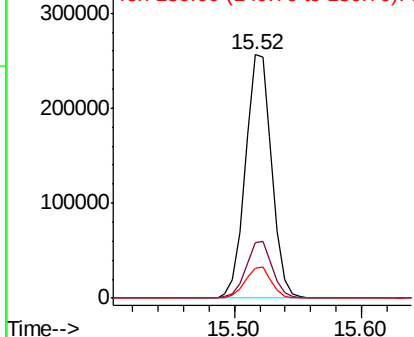
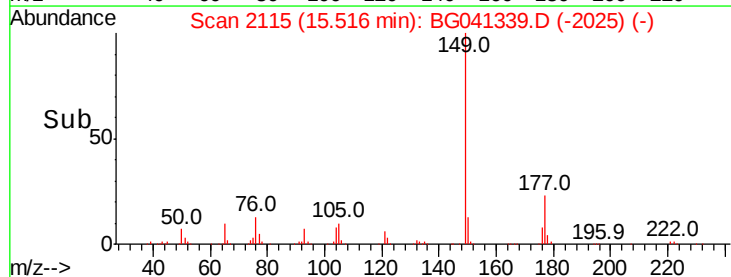


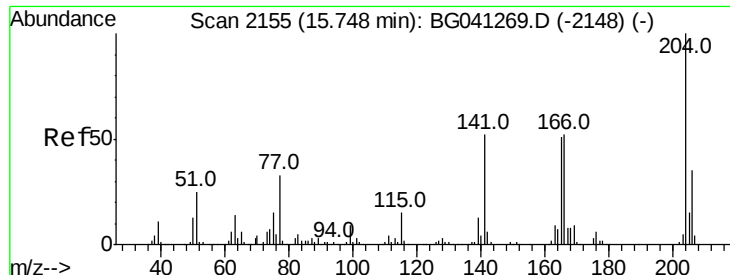
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

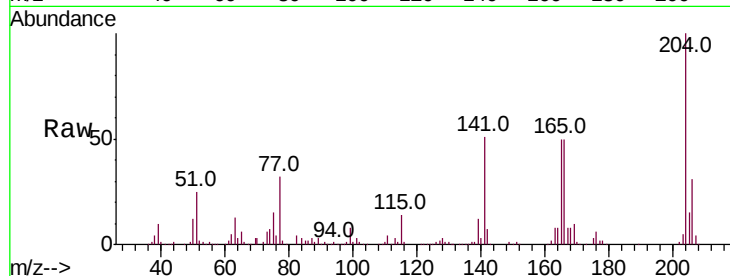




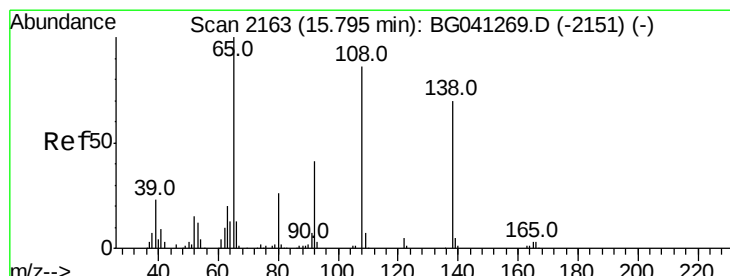
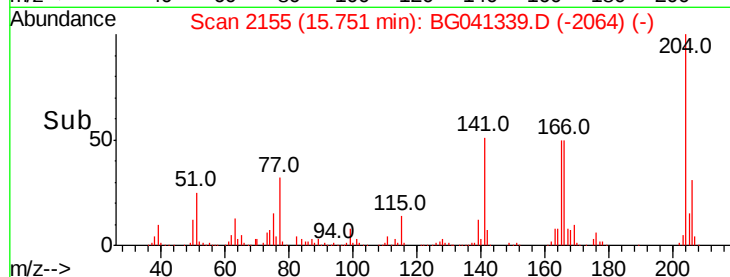
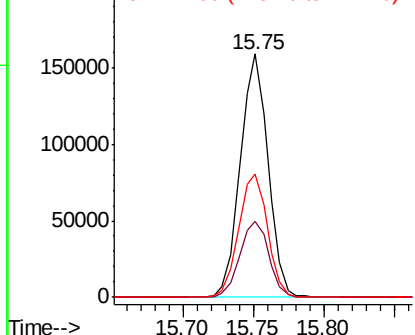
#61
4-Chlorophenyl-phenylether
Concen: 39.747 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 218397
Ion Ratio Lower Upper
204 100
206 31.4 27.9 41.9
141 50.9 41.4 62.0

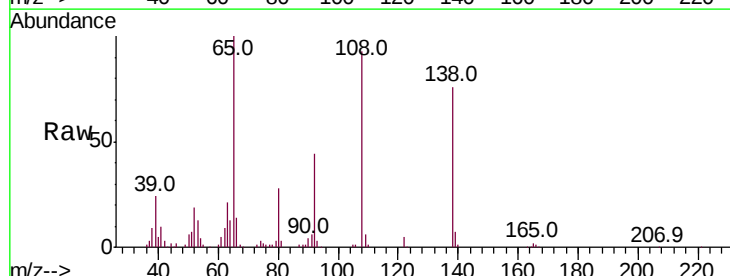


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

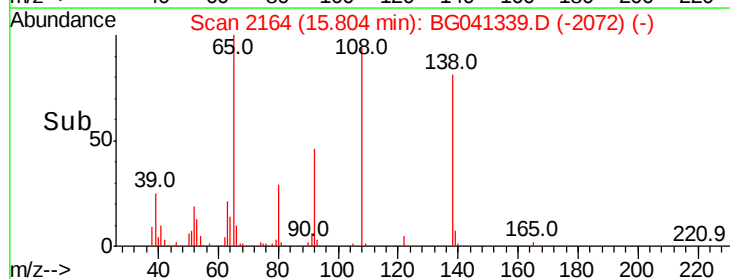
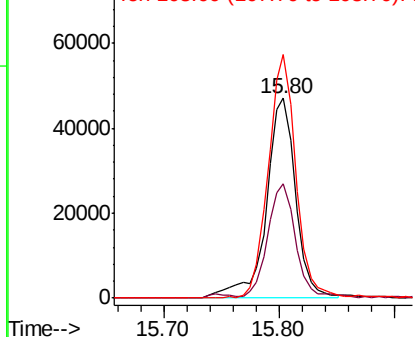


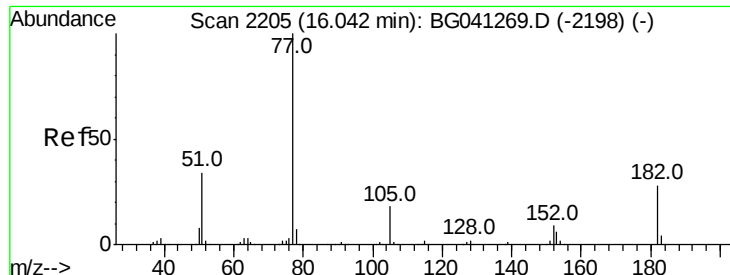
#62
4-Nitroaniline
Concen: 39.595 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:138 Resp: 83338
Ion Ratio Lower Upper
138 100
92 57.3 38.8 78.8
108 122.0 103.4 143.4



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: 38.336 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 329295

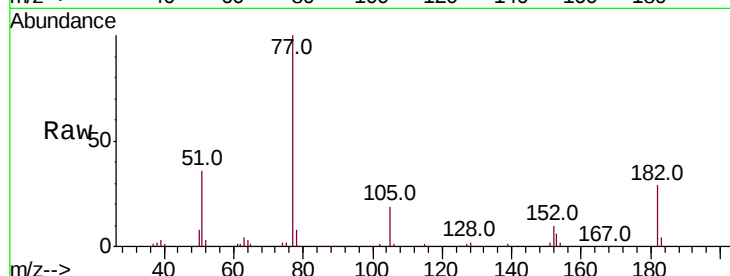
Ion Ratio Lower Upper

77 100

182 29.4 7.5 47.5

105 18.5 0.0 37.7

51 35.9 14.6 54.6

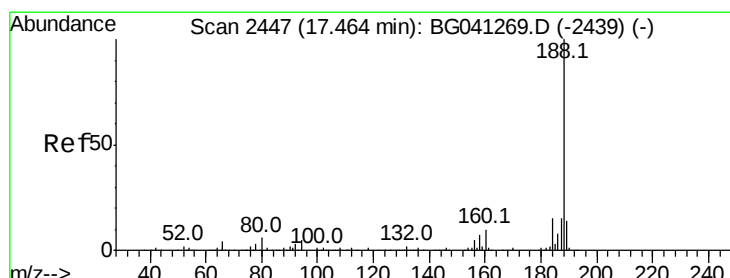
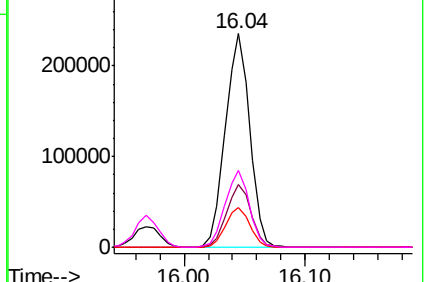
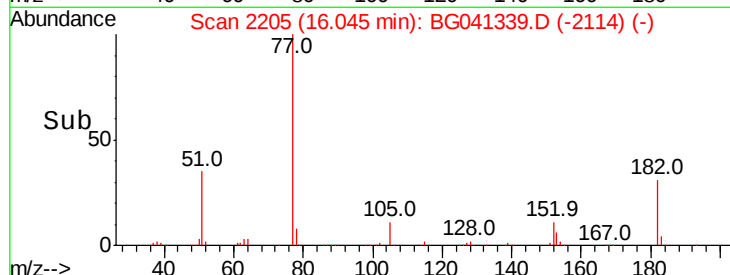


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

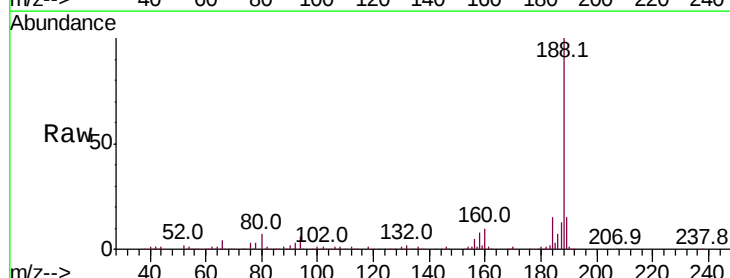
Tgt Ion: 188 Resp: 255856

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

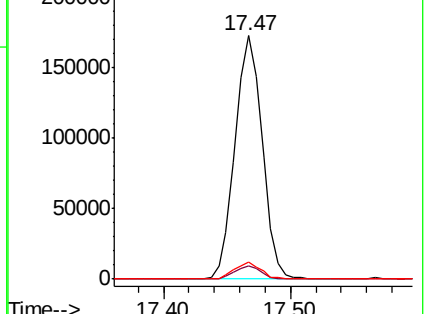
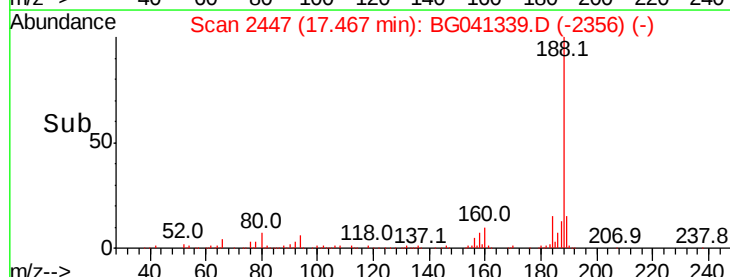
80 6.8 4.8 7.2

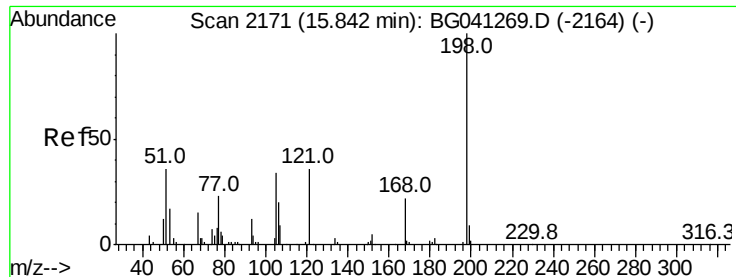


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

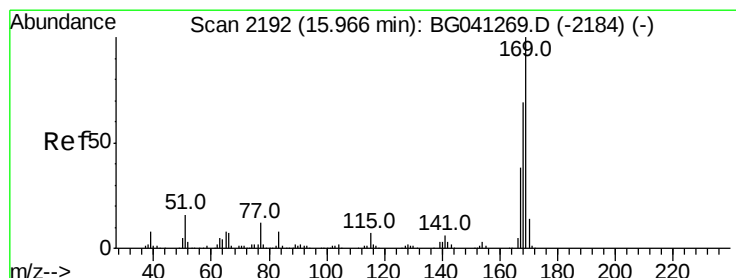
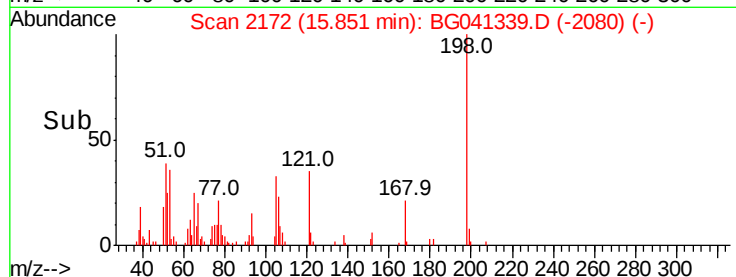
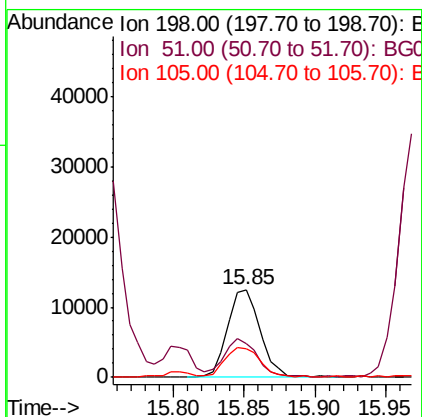
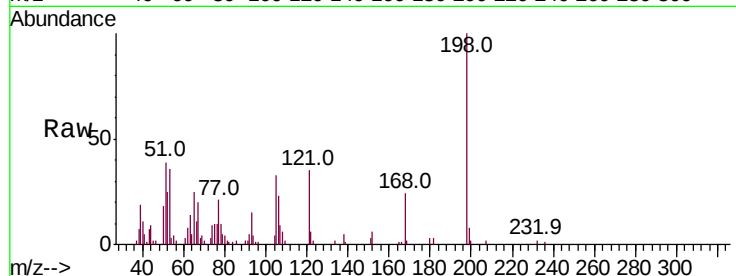




#65
4,6-Dinitro-2-methylphenol
Concen: 12.069 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

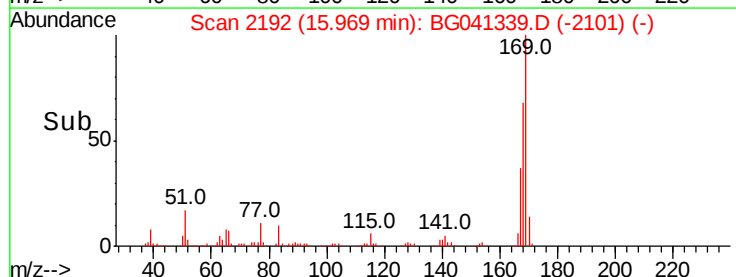
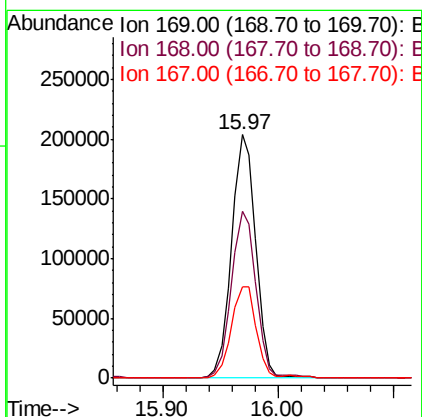
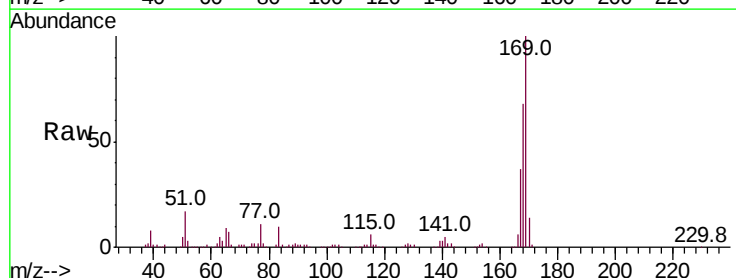
Instrument :
BNA_G
ClientSampleId :

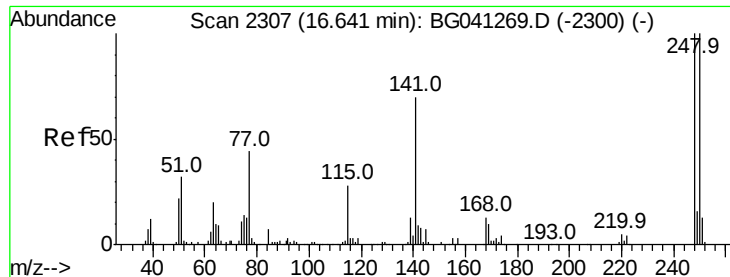
Tot Ion:198 Resp: 20043
Ion Ratio Lower Upper
198 100
51 38.8 23.4 63.4
105 33.0 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 43.320 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:169 Resp: 294302
Ion Ratio Lower Upper
169 100
168 68.3 55.2 82.8
167 37.3 30.4 45.6

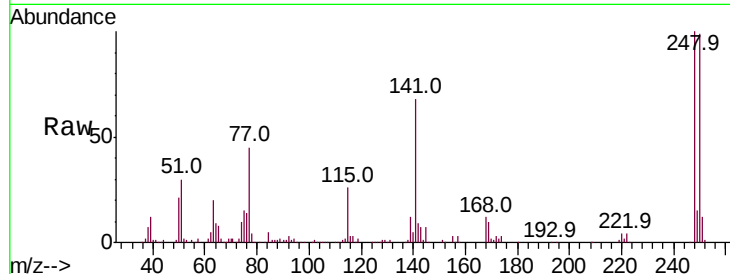




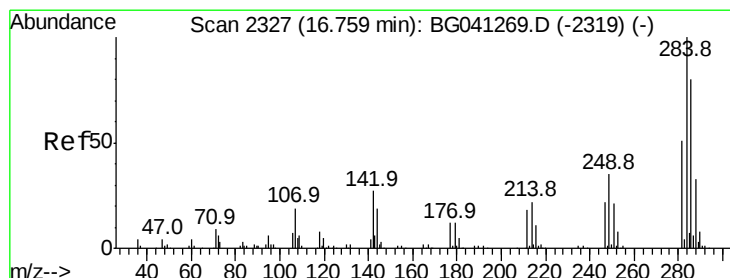
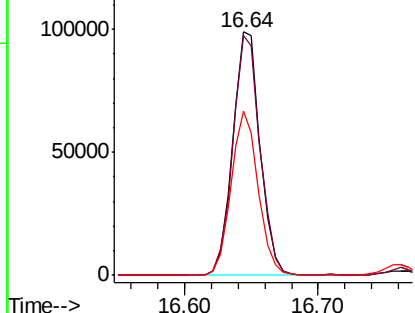
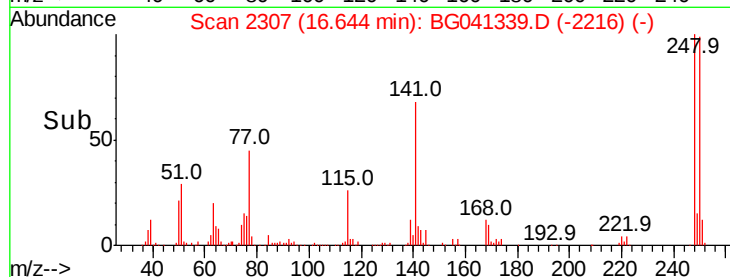
#67
 4-Bromophenyl-phenylether
 Concen: 42.651 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 141102
 Ion Ratio Lower Upper
 248 100
 250 98.7 79.8 119.8
 141 67.7 55.8 83.6

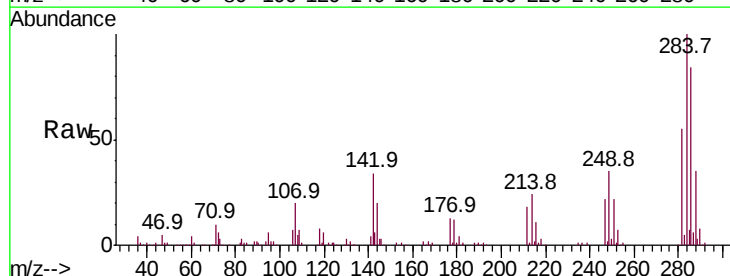


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

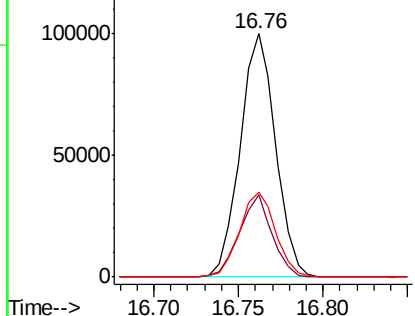
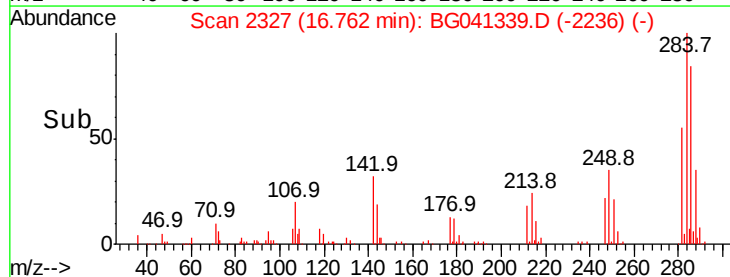


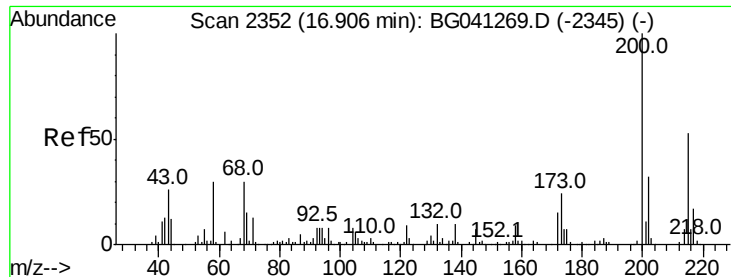
#68
 Hexachlorobenzene
 Concen: 41.057 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion:284 Resp: 145450
 Ion Ratio Lower Upper
 284 100
 142 33.7 21.8 32.8#
 249 35.1 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: 41.854 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

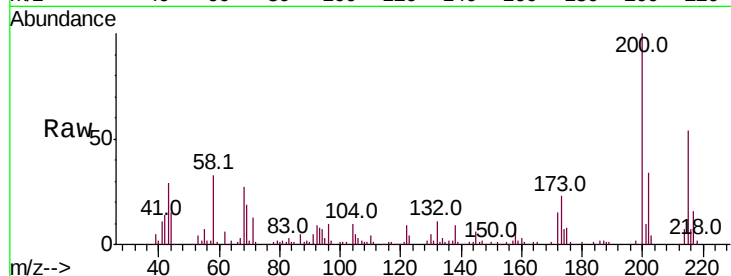
Tot Ion:200 Resp: 104532

Ion Ratio Lower Upper

200 100

173 22.8 4.0 44.0

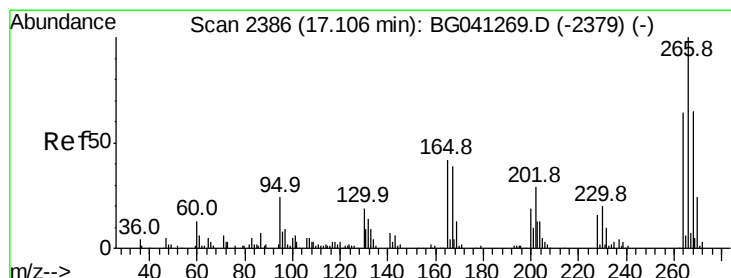
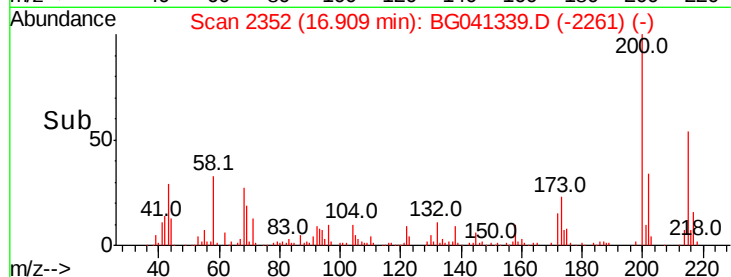
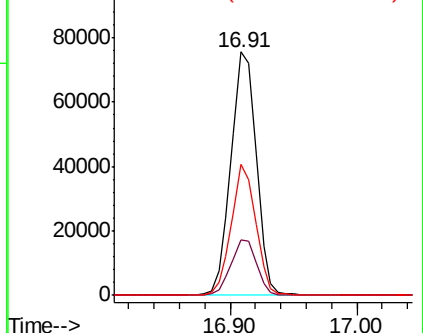
215 53.6 33.4 73.4



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: 42.892 ng

RT: 17.11 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

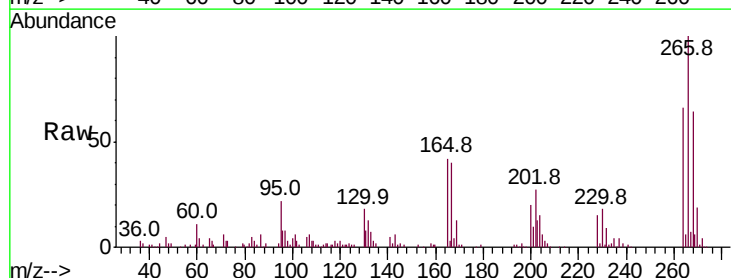
Tgt Ion:266 Resp: 77808

Ion Ratio Lower Upper

266 100

268 64.4 52.0 78.0

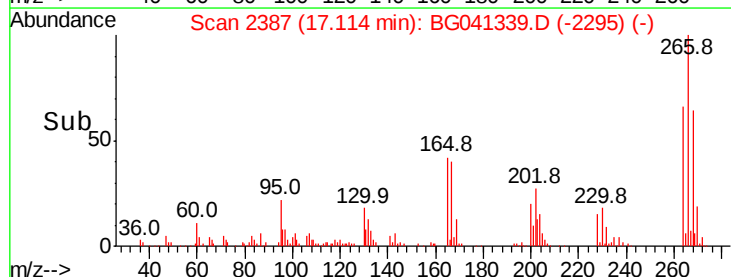
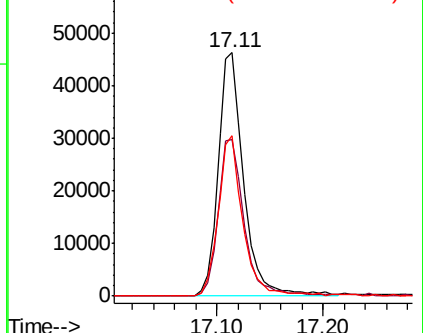
264 66.0 51.2 76.8

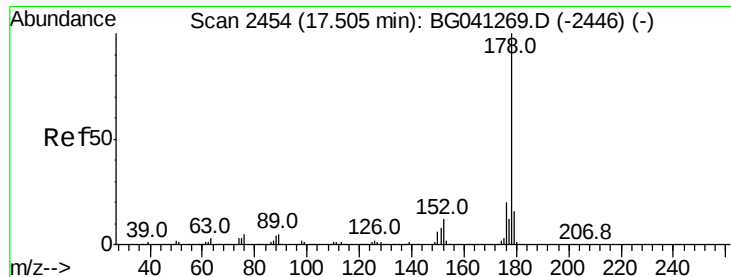


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

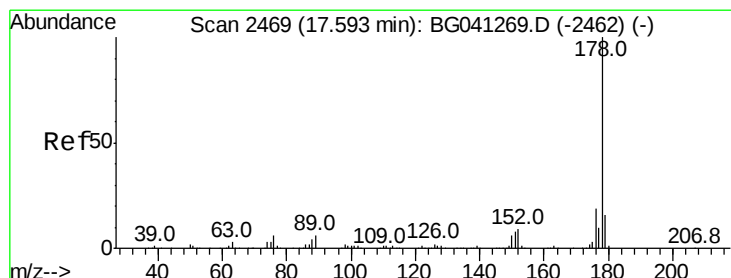
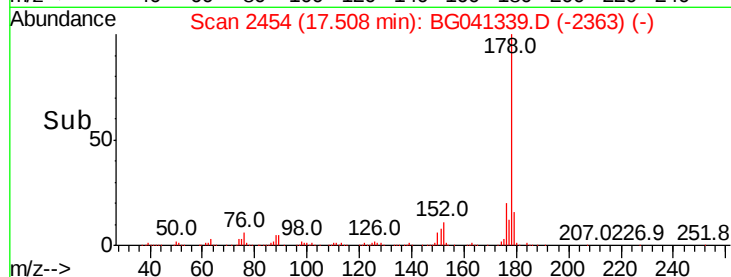
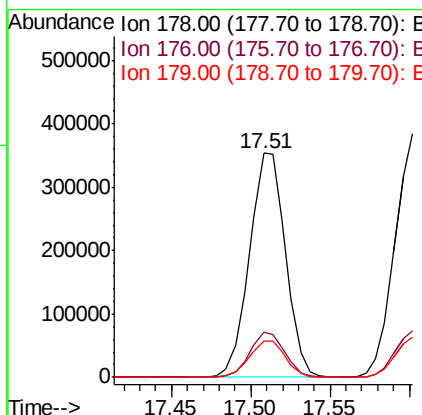
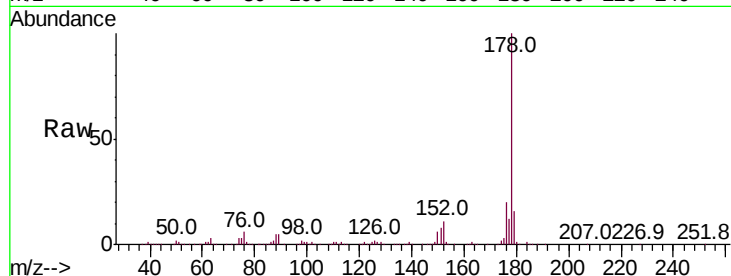




#71
Phenanthrene
Concen: 41.012 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

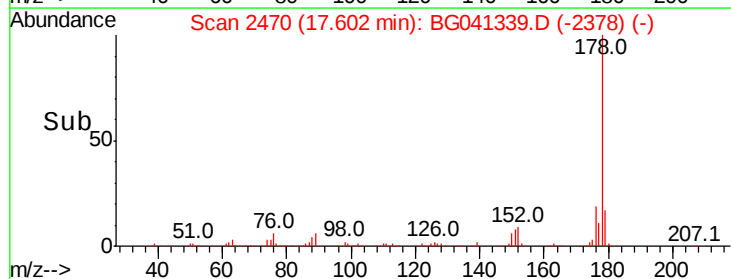
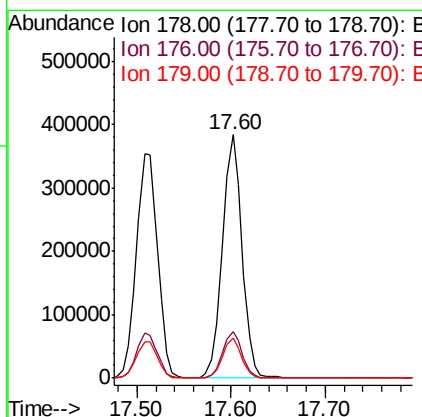
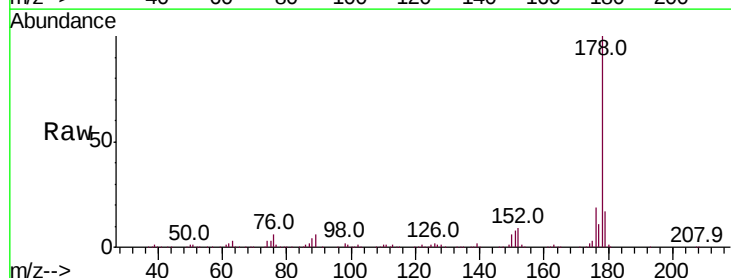
Instrument :
BNA_G
ClientSampleId :

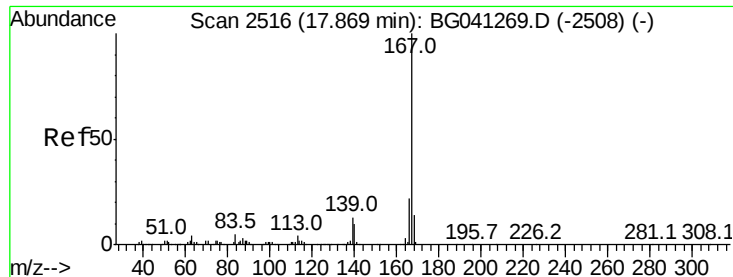
Tot Ion:178 Resp: 559636
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.0 12.9 19.3



#72
Anthracene
Concen: 41.465 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:178 Resp: 557826
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.6 13.0 19.4





#73

Carbazole

Concen: 41.269 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

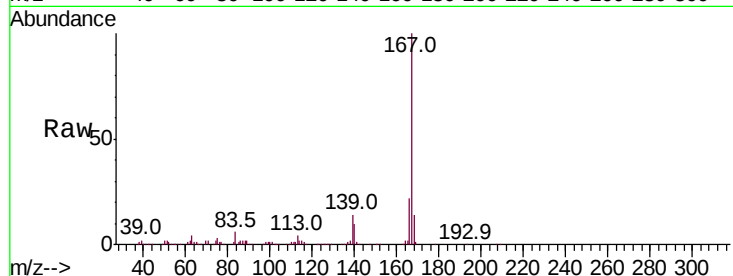
Tot Ion:167 Resp: 485665

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

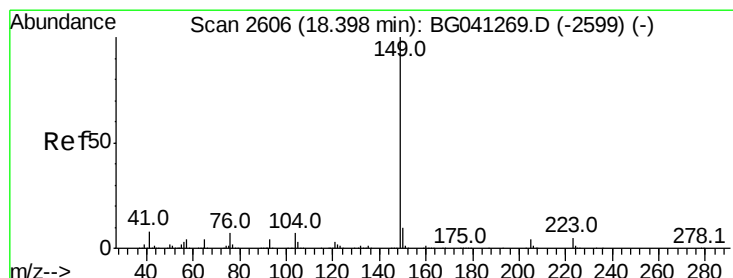
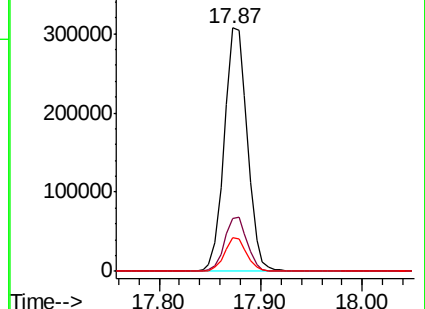
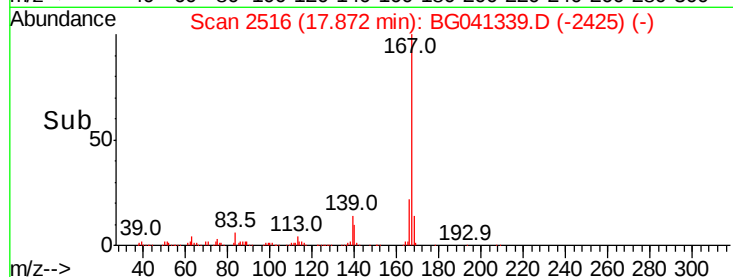
139 13.6 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.488 ng

RT: 18.40 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

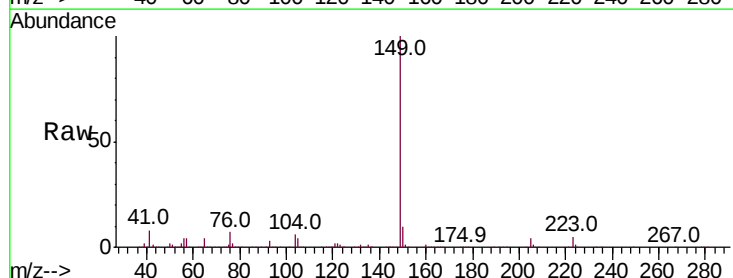
Tgt Ion:149 Resp: 594522

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

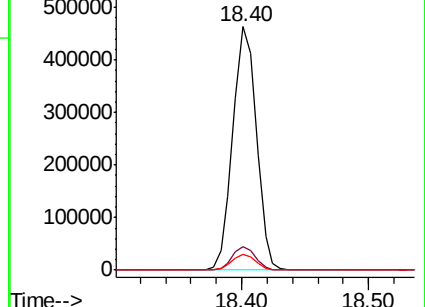
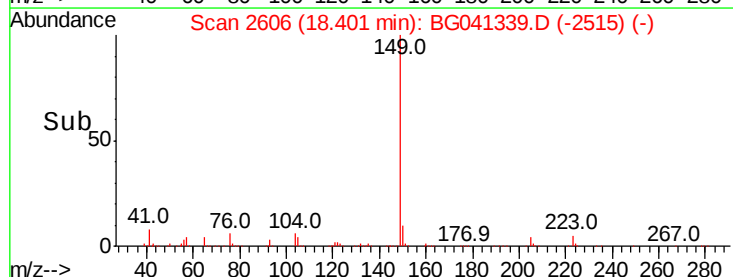
104 6.3 5.4 8.0

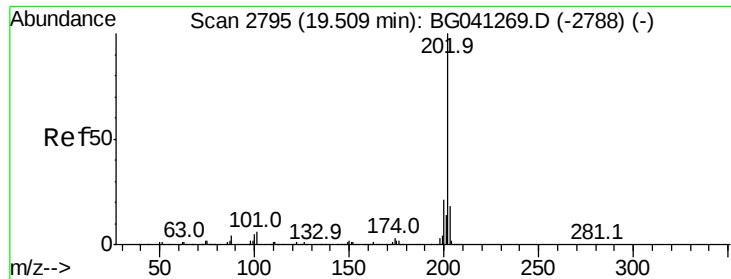


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.016 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

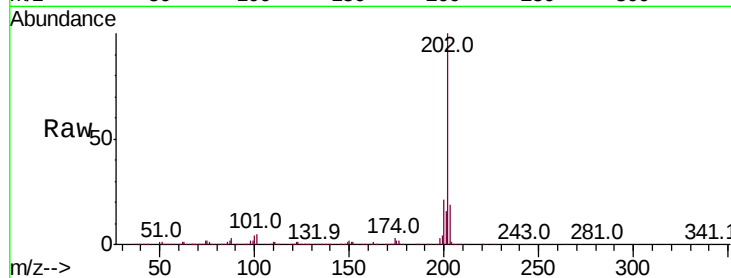
Tot Ion:202 Resp: 689183

Ion Ratio Lower Upper

202 100

101 5.4 0.0 26.0

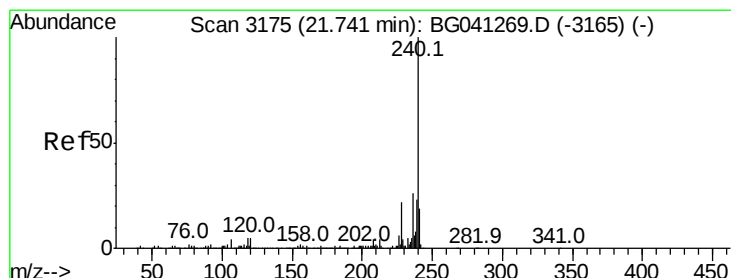
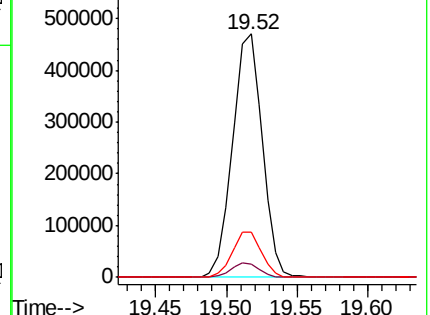
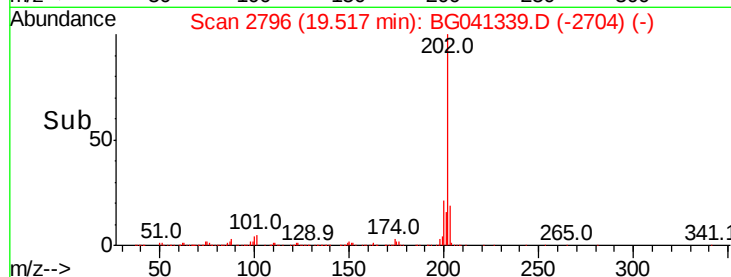
203 18.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

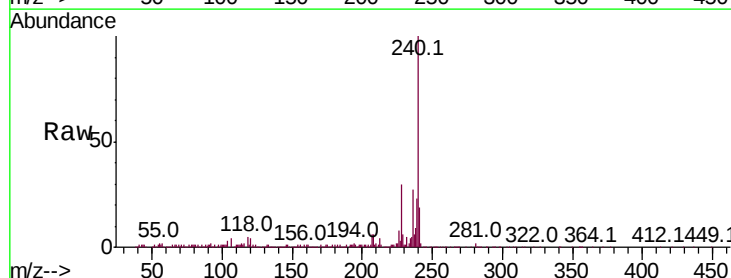
Tgt Ion:240 Resp: 243923

Ion Ratio Lower Upper

240 100

120 4.5 3.7 5.5

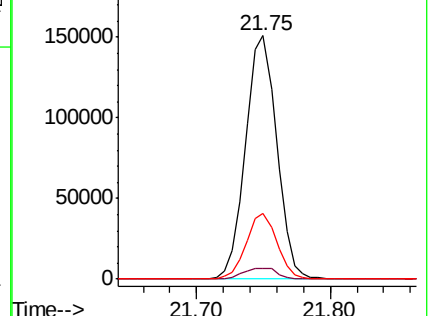
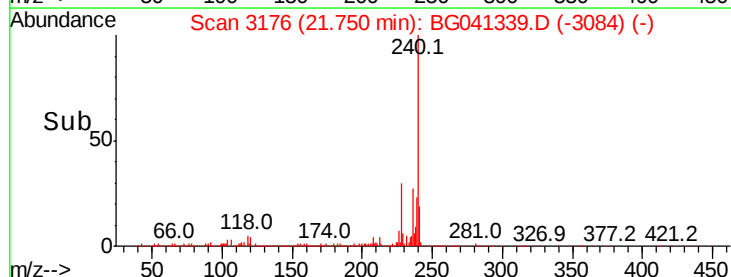
236 27.1 21.1 31.7

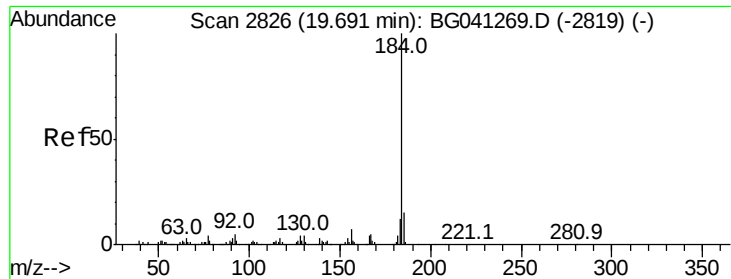


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

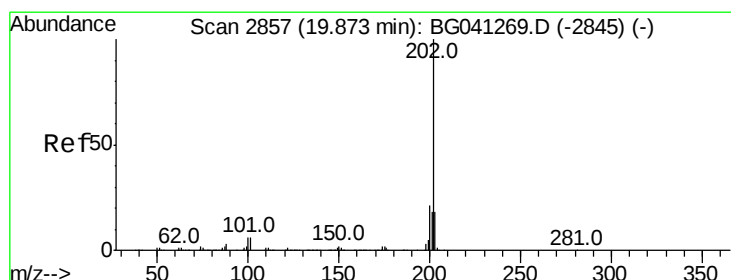
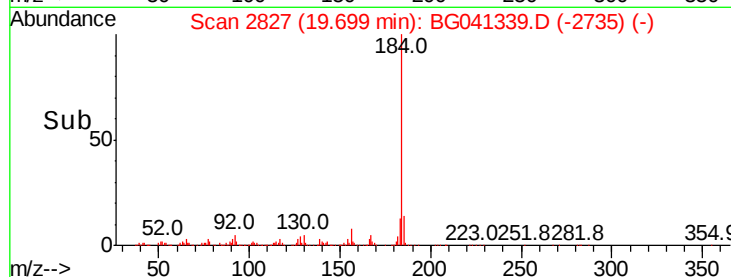
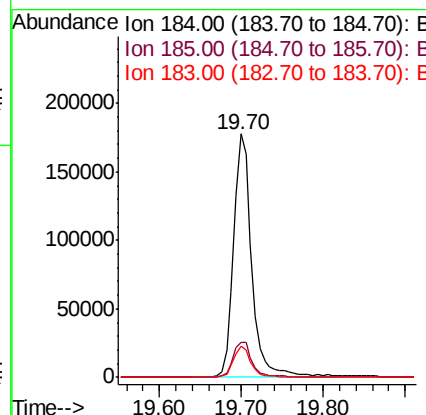
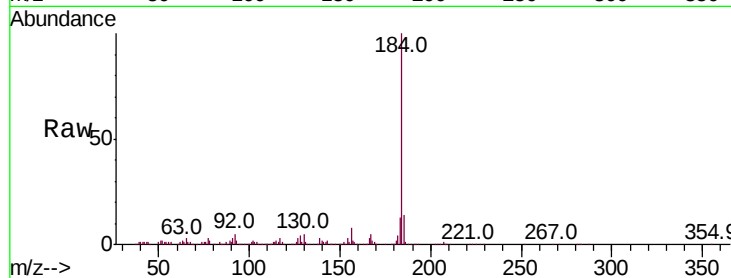




#77
Benzidine
Concen: 46.733 ng
RT: 19.70 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

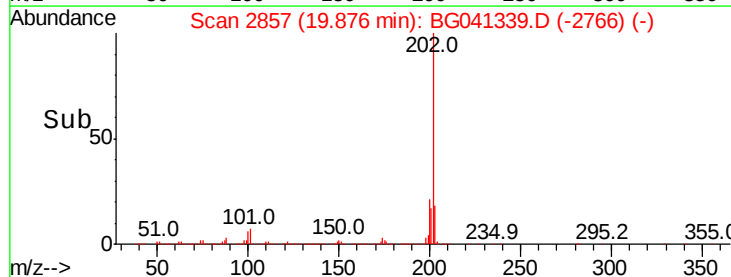
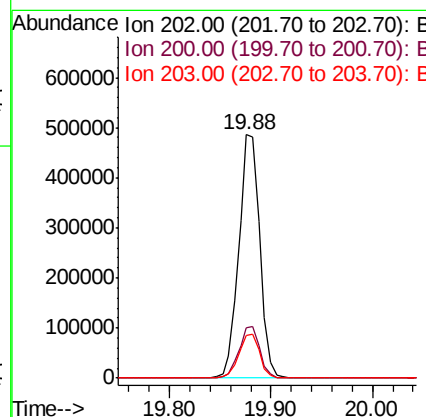
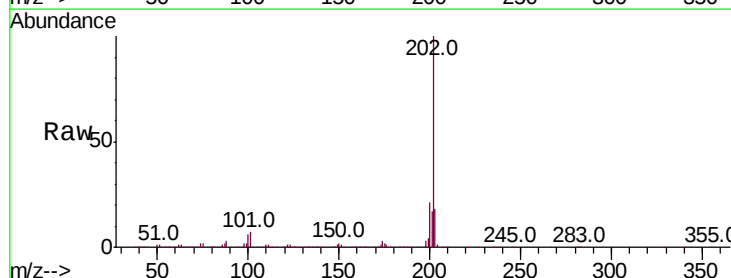
Instrument :
BNA_G
ClientSampleId :

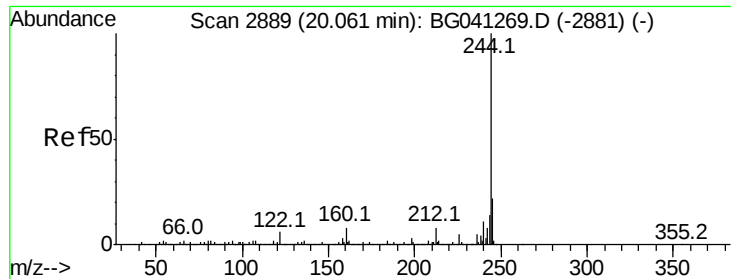
Tot Ion:184 Resp: 275723
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 12.6 9.6 14.4



#78
Pyrene
Concen: 42.403 ng
RT: 19.88 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:202 Resp: 697544
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 84.908 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

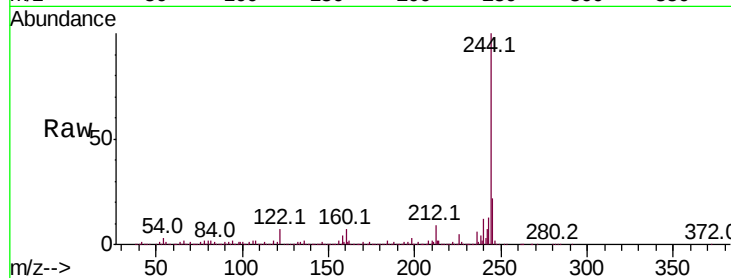
Tot Ion:244 Resp: 1045064

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

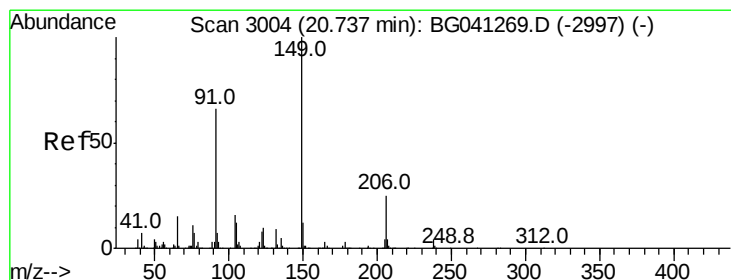
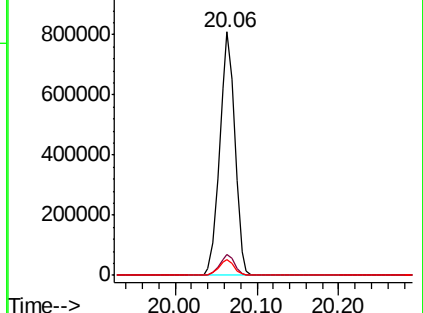
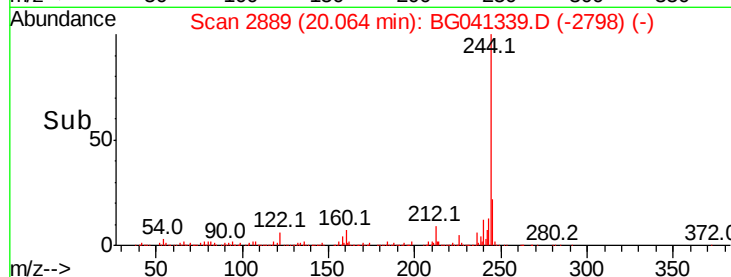
122 6.6 5.0 7.4



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: 41.852 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

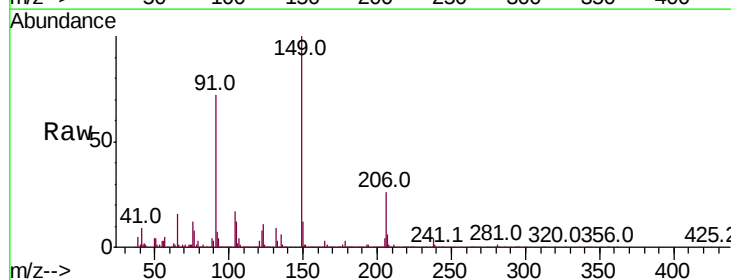
Tgt Ion:149 Resp: 260415

Ion Ratio Lower Upper

149 100

91 72.4 53.2 79.8

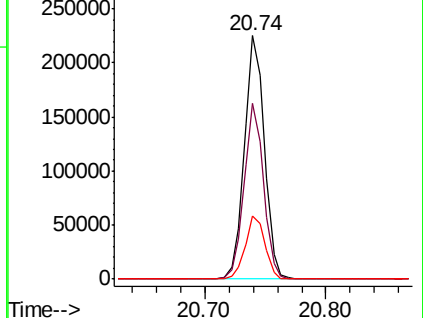
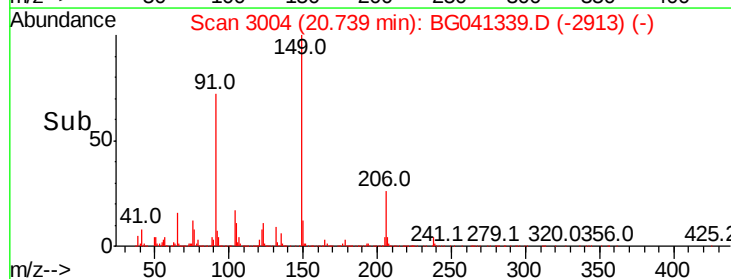
206 25.8 20.3 30.5

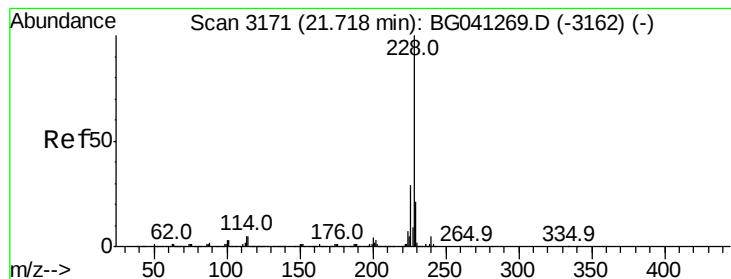


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.583 ng

RT: 21.73 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

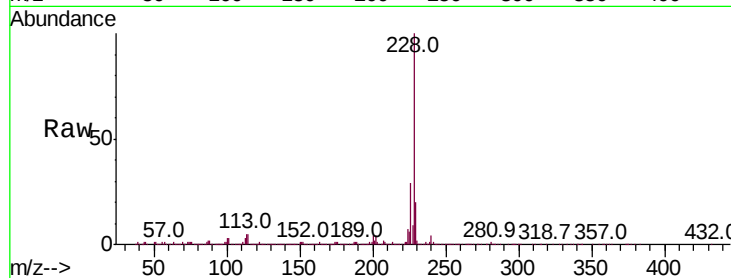
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 686780

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	20.1	16.8	25.2

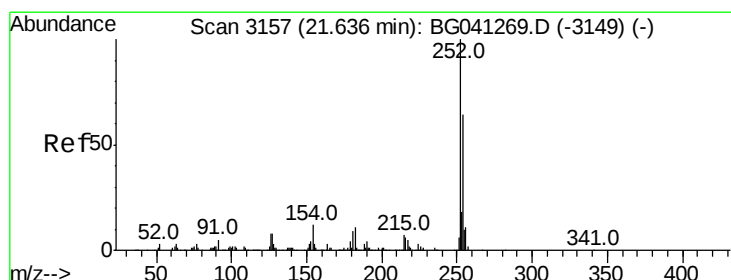
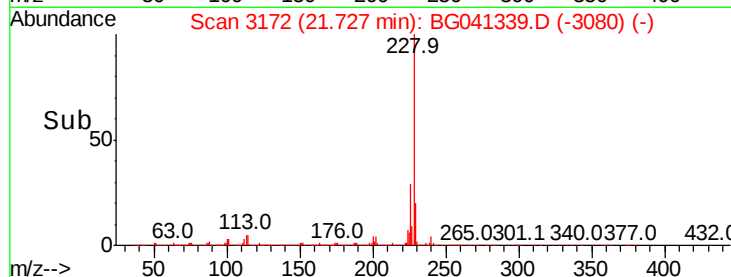
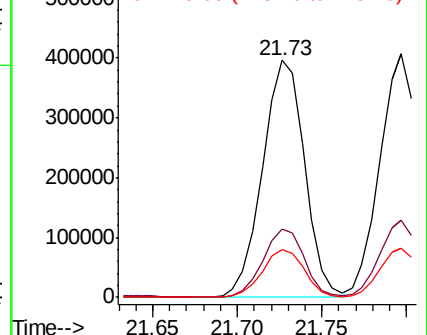


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 43.465 ng

RT: 21.64 min Scan# 3158

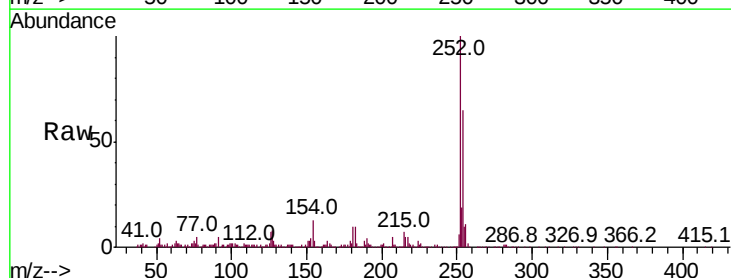
Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Tgt Ion:252 Resp: 251994

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	7.3	6.0	9.0

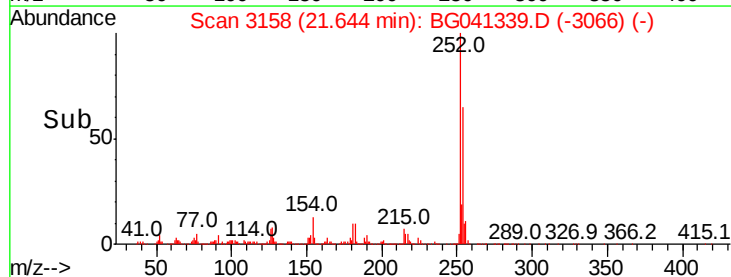
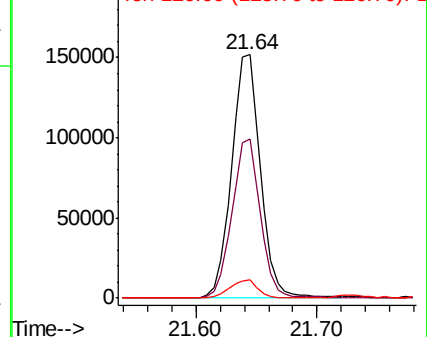


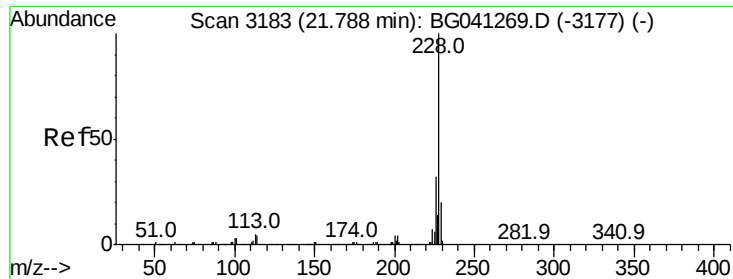
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

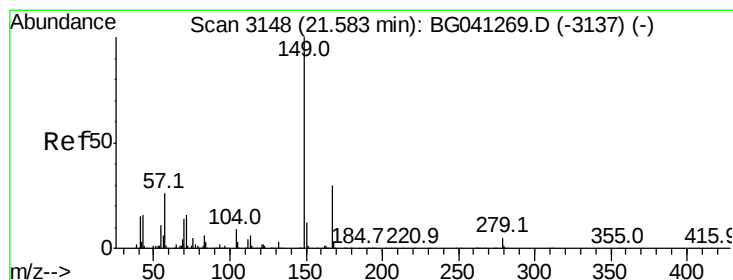
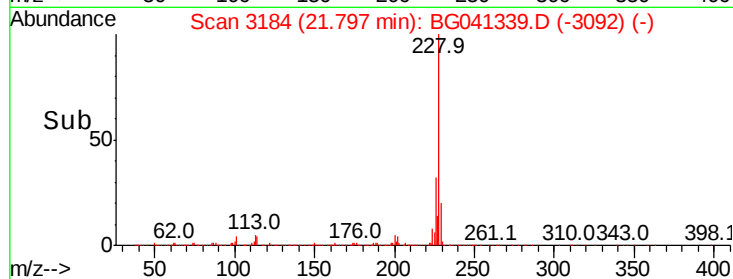
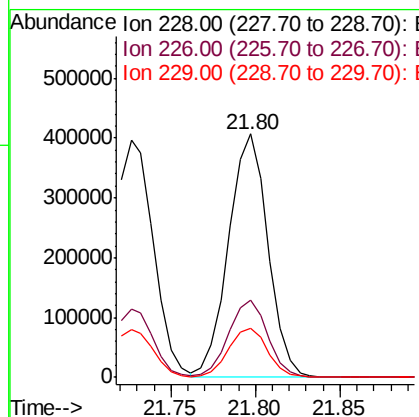
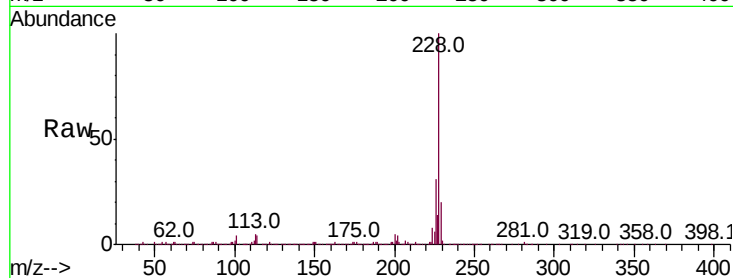




#83
 Chrysene
 Concen: 41.324 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. 0.01 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

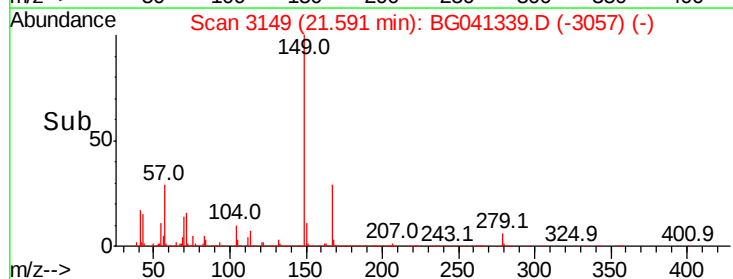
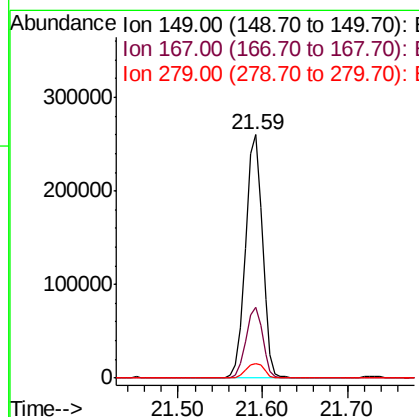
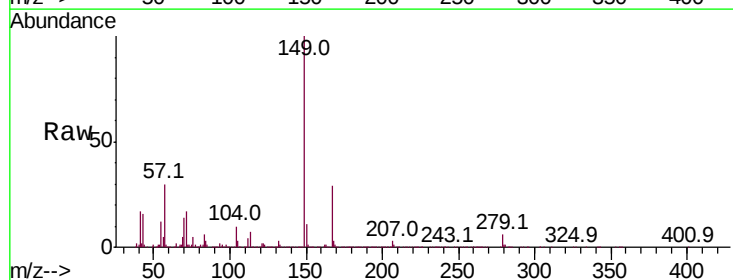
Instrument :
 BNA_G
 ClientSampled :

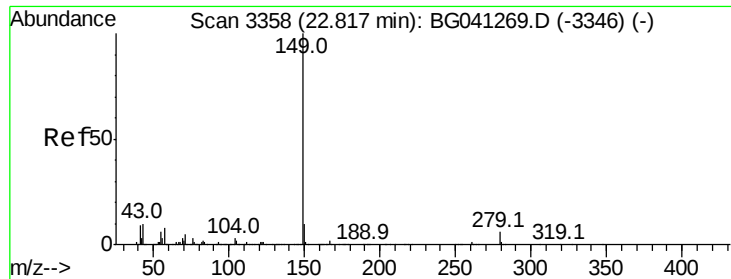
Tot Ion:228 Resp: 656340
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.4 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.088 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.01 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion:149 Resp: 356896
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.8 35.8
 279 6.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 42.500 ng

RT: 22.83 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

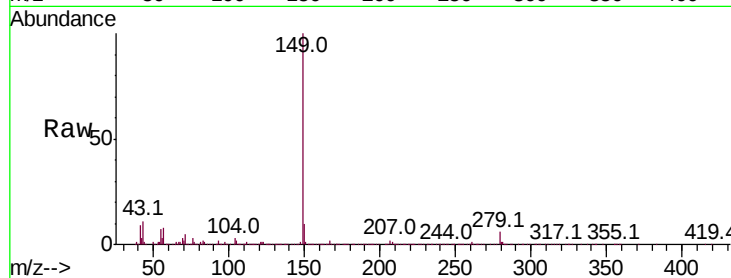
Tot Ion:149 Resp: 609721

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

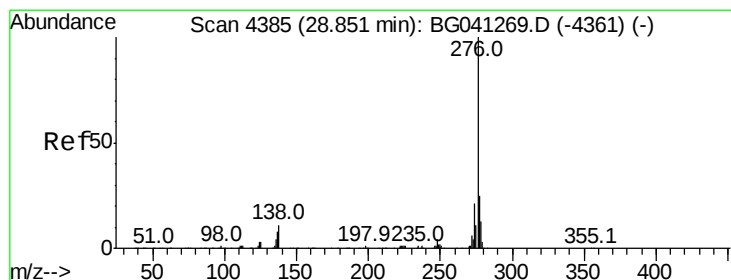
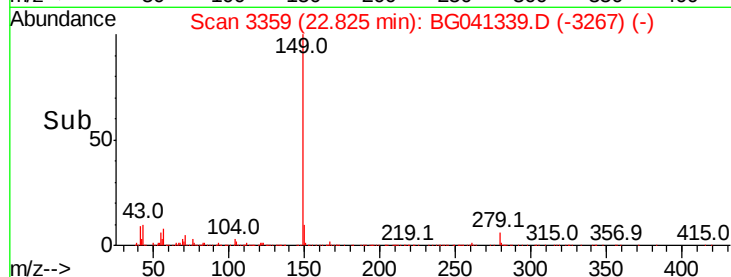
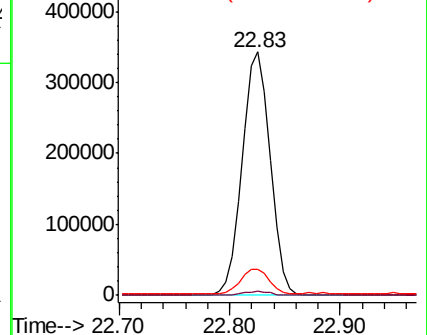
43 10.5 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.834 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.03 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

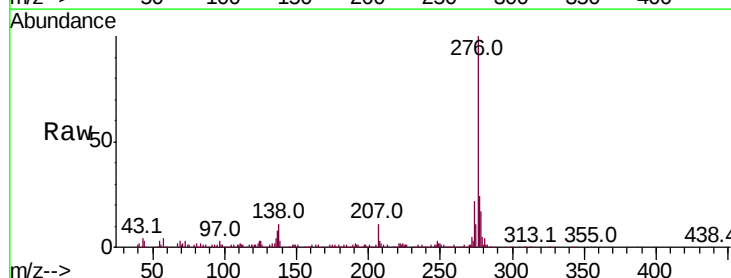
Tgt Ion:276 Resp: 486819

Ion Ratio Lower Upper

276 100

138 7.1 7.7 11.5#

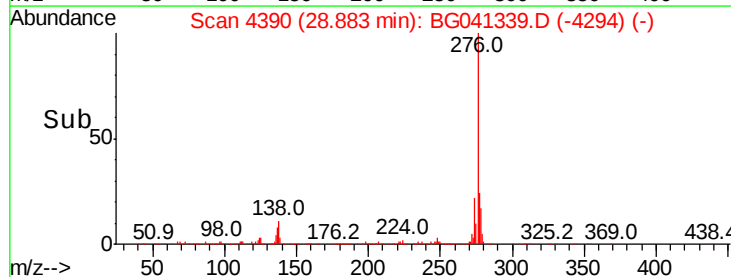
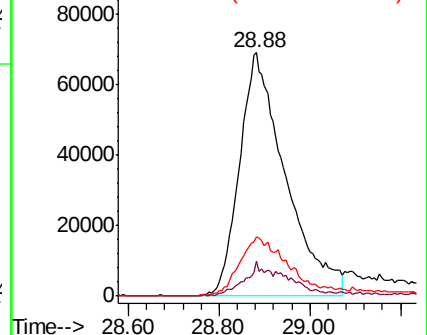
277 24.3 20.6 31.0

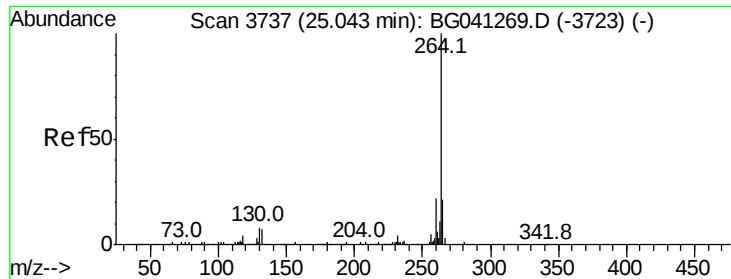


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

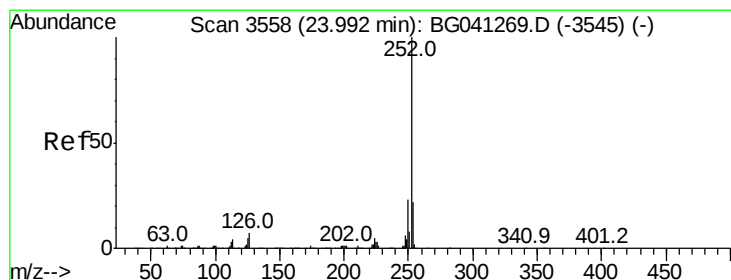
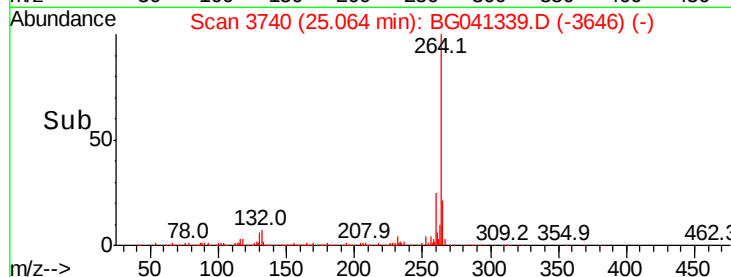
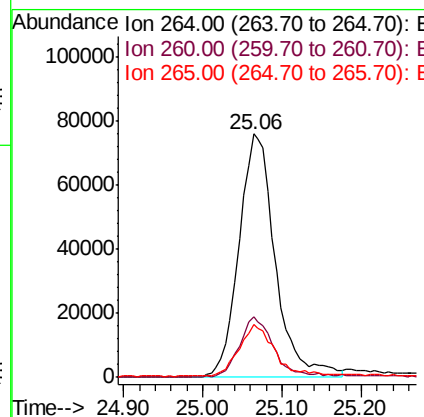
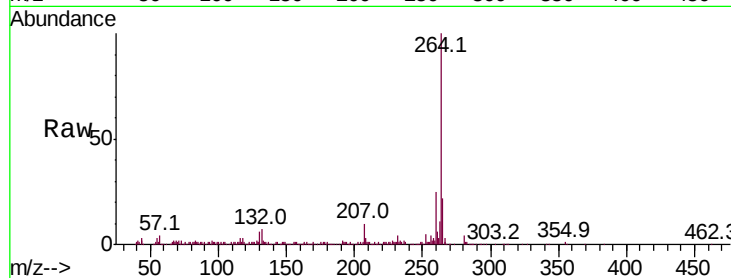




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3740
 Delta R.T. 0.02 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

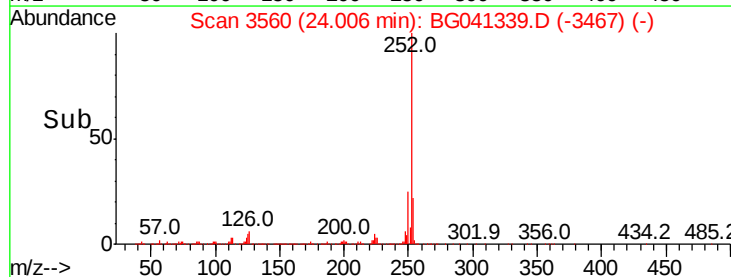
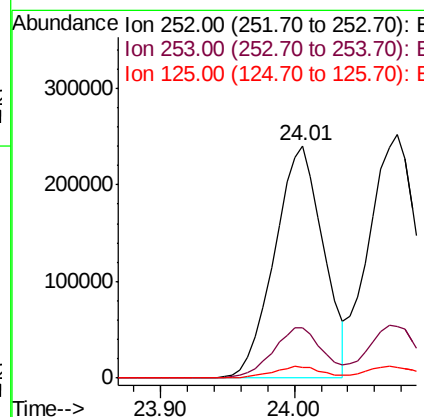
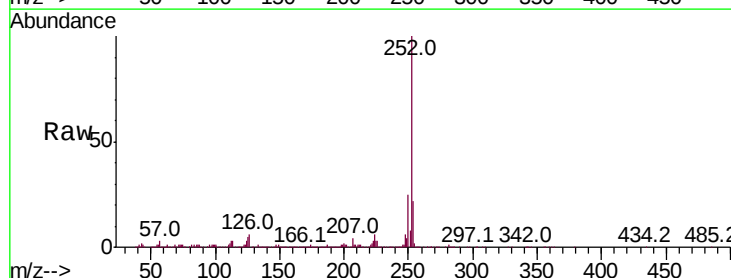
Instrument :
 BNA_G
 ClientSampleId :

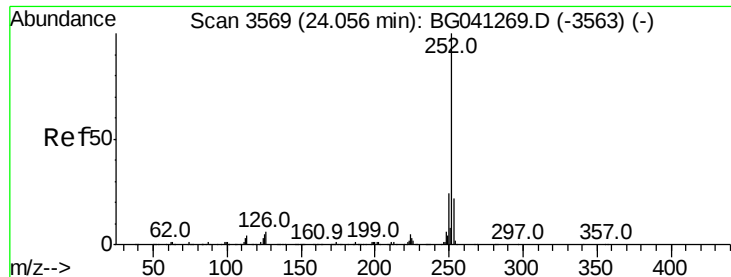
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.2
265	21.5	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 40.727 ng
 RT: 24.01 min Scan# 3560
 Delta R.T. 0.01 min
 Lab File: BG041339.D
 Acq: 19 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	4.9	3.9	5.9





#89

Benzo(k)fluoranthene

Concen: 44.972 ng

RT: 24.08 min Scan# 3572

Delta R.T. 0.02 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

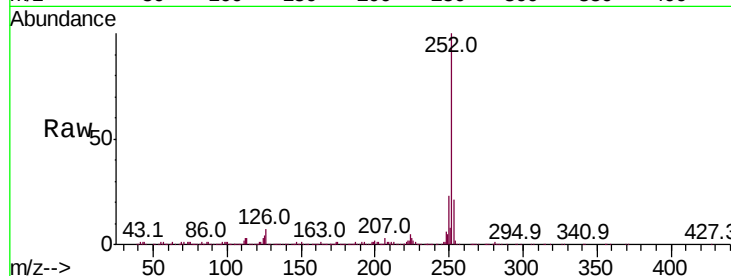
Tot Ion:252 Resp: 665921

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

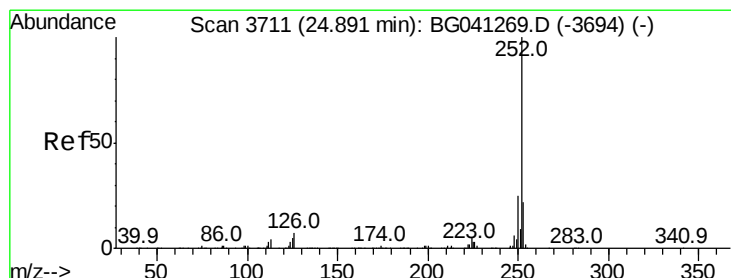
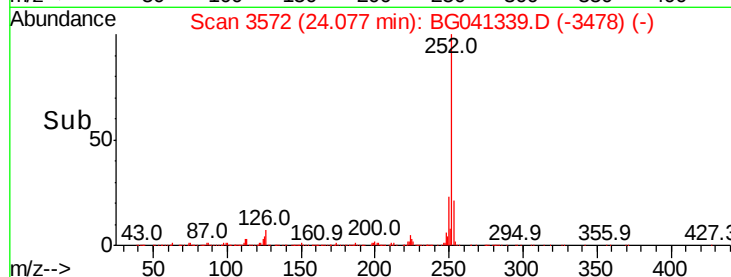
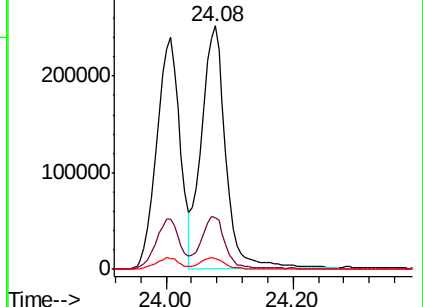
125 4.4 4.3 6.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.961 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG041339.D

Acq: 19 Jun 2019 23:56

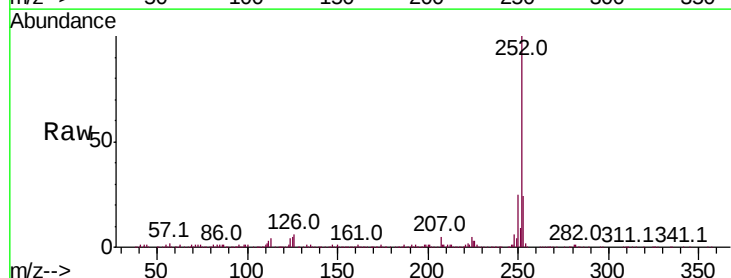
Tgt Ion:252 Resp: 578233

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

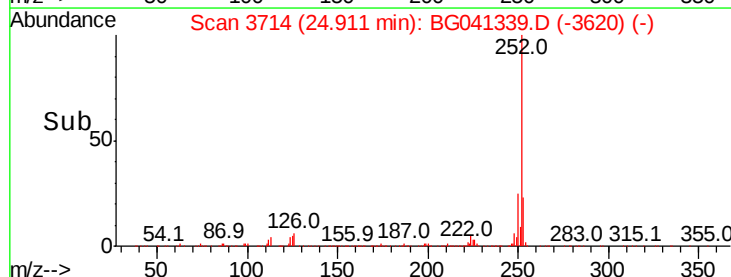
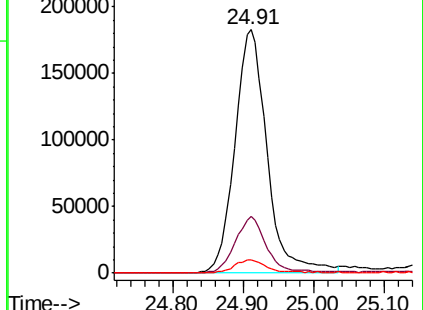
125 5.4 4.2 6.4

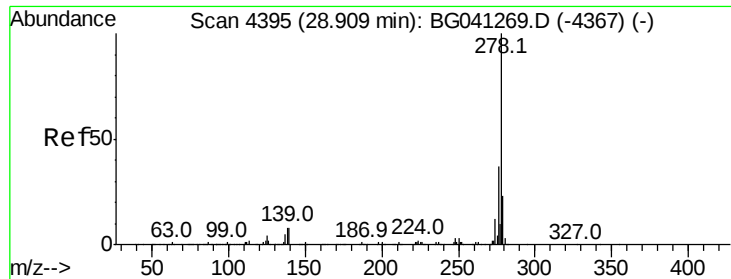


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



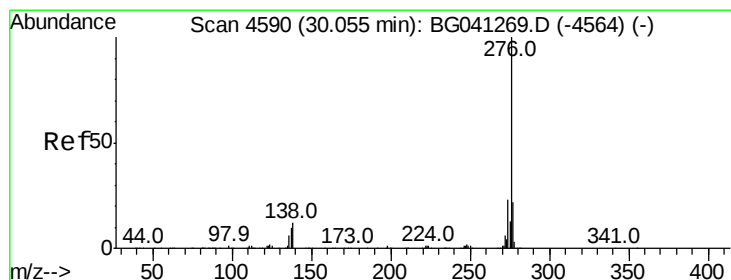
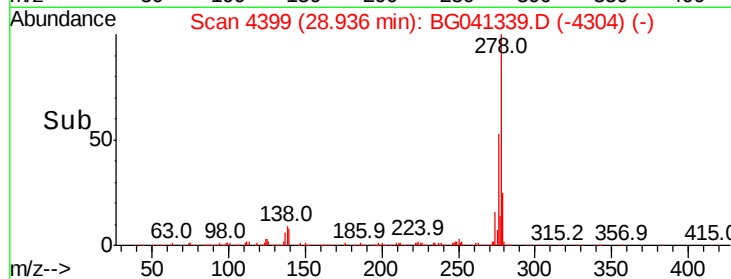
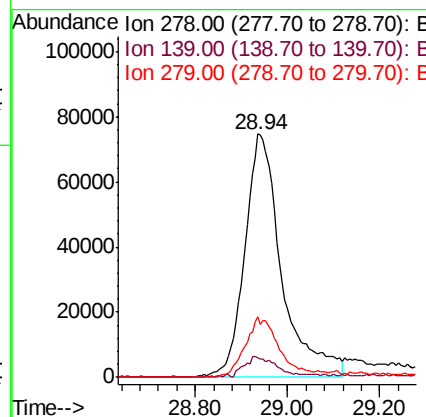
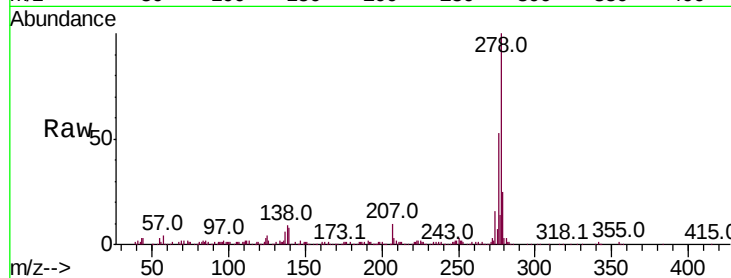


#91
Dibenzo(a,h)anthracene
Concen: 29.339 ng
RT: 28.94 min Scan# 4399
Delta R.T. 0.03 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 416968

Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.6	10.0
279	25.0	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 22.255 ng
RT: 30.08 min Scan# 4594
Delta R.T. 0.03 min
Lab File: BG041339.D
Acq: 19 Jun 2019 23:56

Tgt Ion:276 Resp: 312562

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	10.0	9.4	14.0

