

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041311.D
 Acq On : 18 Jun 2019 23:48
 Operator : HP/JU
 Sample : K3419-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:41:33 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	41495	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	159848	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110402	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	278503	20.00	ng	0.00
76) Chrysene-d12	21.74	240	276044	20.00	ng	0.00
87) Perylene-d12	25.05	264	295042	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	305684	135.36	ng	0.00
7) Phenol-d6	7.24	99	440529	134.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	314511	82.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	217573	128.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682127	83.98	ng	0.00
79) Terphenyl-d14	20.06	244	1161641	83.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	31936	28.201	ng	# 93
3) Pyridine	3.89	79	69849	23.251	ng	93
4) n-Nitrosodimethylamine	3.81	42	59593	37.197	ng	90
6) Aniline	7.41	93	104336	22.931	ng	95
8) 2-Chlorophenol	7.64	128	100366	37.823	ng	99
9) Benzaldehyde	7.22	77	96712	46.191	ng	93
10) Phenol	7.26	94	139504	39.630	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	93406	34.971	ng	97
12) 1,3-Dichlorobenzene	7.97	146	109715	33.022	ng	97
13) 1,4-Dichlorobenzene	8.12	146	114123	33.626	ng	97
14) 1,2-Dichlorobenzene	8.44	146	107779	33.248	ng	97
15) Benzyl Alcohol	8.32	79	115180	36.724	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	143402	32.797	ng	99
17) 2-Methylphenol	8.52	107	92537	36.770	ng	93
18) Hexachloroethane	9.16	117	43450	32.307	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	90050	34.012	ng	94
20) 3+4-Methylphenols	8.85	107	127278	37.991	ng	97
22) Acetophenone	8.91	105	167754	36.064	ng	98
24) Nitrobenzene	9.30	77	140681	36.802	ng	97
25) Isophorone	9.82	82	254382	36.481	ng	98
26) 2-Nitrophenol	10.02	139	59339	38.289	ng	97
27) 2,4-Dimethylphenol	10.06	122	101070	43.508	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	132220	36.391	ng	# 95
29) 2,4-Dichlorophenol	10.54	162	114570	39.776	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	129773	35.179	ng	96
31) Naphthalene	10.95	128	313019	36.031	ng	99
32) Benzoic acid	10.06	122	101070	66.836	ng	# 11
33) 4-Chloroaniline	11.07	127	69322	18.789	ng	95
34) Hexachlorobutadiene	11.21	225	100008	34.154	ng	97
35) Caprolactam	11.85	113	15984	16.119	ng	# 89
36) 4-Chloro-3-methylphenol	12.18	107	127134	38.213	ng	98
37) 2-Methylnaphthalene	12.55	142	235741	36.843	ng	98
38) 1-Methylnaphthalene	12.77	142	221075	36.112	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	174498	38.277	ng	99

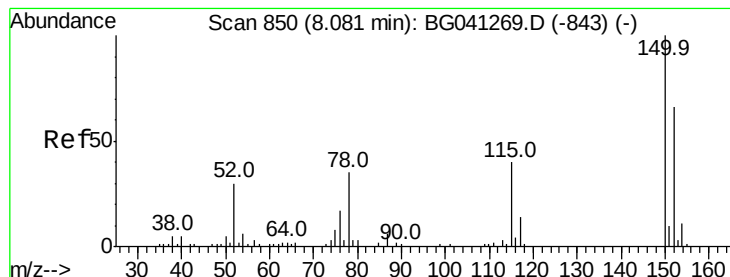
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041311.D
 Acq On : 18 Jun 2019 23:48
 Operator : HP/JU
 Sample : K3419-01MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	208759	67.982	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	109322	38.765	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	113866	39.240	ng	98
46) 1,1'-Biphenyl	13.55	154	318212	38.126	ng	100
47) 2-Chloronaphthalene	13.60	162	262217	36.491	ng	99
48) 2-Nitroaniline	13.81	65	92869	35.289	ng	95
49) Acenaphthylene	14.45	152	410611	37.657	ng	99
50) Dimethylphthalate	14.16	163	411994	41.941	ng	100
51) 2,6-Dinitrotoluene	14.30	165	76028	36.706	ng	98
52) Acenaphthene	14.78	154	234799	36.670	ng	97
53) 3-Nitroaniline	14.63	138	47019	23.041	ng	95
54) 2,4-Dinitrophenol	14.84	184	42927	31.923	ng	96
55) Dibenzofuran	15.12	168	413407	37.135	ng	98
56) 4-Nitrophenol	14.94	139	107892	70.014	ng	99
57) 2,4-Dinitrotoluene	15.09	165	105959	34.996	ng	# 95
58) Fluorene	15.76	166	321106	36.667	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	112390	37.454	ng	98
60) Diethylphthalate	15.52	149	353175	35.373	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	201794	35.416	ng	98
62) 4-Nitroaniline	15.80	138	74259	34.024	ng	96
63) Azobenzene	16.04	77	325379	36.529	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	55265	30.572	ng	98
66) n-Nitrosodiphenylamine	15.97	169	284550	38.479	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	132096	36.682	ng	99
68) Hexachlorobenzene	16.75	284	136378	35.366	ng	# 93
69) Atrazine	16.91	200	123150	48.631	ng	97
70) Pentachlorophenol	17.11	266	146577	74.231	ng	95
71) Phenanthrene	17.51	178	550241	37.044	ng	99
72) Anthracene	17.60	178	558518	38.141	ng	99
73) Carbazole	17.87	167	474397	37.033	ng	100
74) Di-n-butylphthalate	18.40	149	568118	35.544	ng	99
75) Fluoranthene	19.51	202	723049	36.641	ng	99
77) Benzidine	19.69	184	286528	42.914	ng	98
78) Pyrene	19.87	202	734790	39.470	ng	100
80) Butylbenzylphthalate	20.74	149	261822	37.182	ng	97
81) Benzo(a)anthracene	21.72	228	716566	38.338	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	140857	21.468	ng	97
83) Chrysene	21.79	228	683127	38.006	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	366647	38.207	ng	99
85) Di-n-octyl phthalate	22.82	149	625335	38.516	ng	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	809479	37.958	ng	99
88) Benzo(b)fluoranthene	23.99	252	700509	38.311	ng	99
89) Benzo(k)fluoranthene	24.06	252	686567	37.903	ng	100
90) Benzo(a)pyrene	24.90	252	689859	39.949	ng	100
91) Dibenzo(a,h)anthracene	28.92	278	664169	38.203	ng	100
92) Benzo(g,h,i)perylene	30.06	276	665882	38.757	ng	98

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

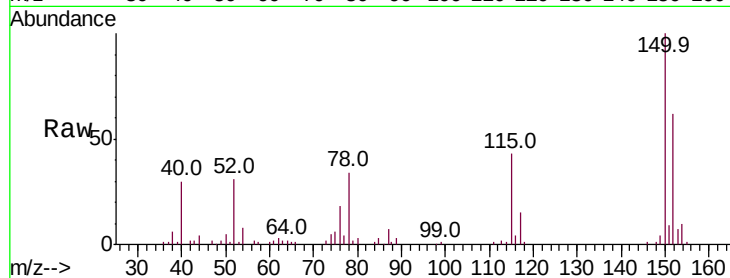


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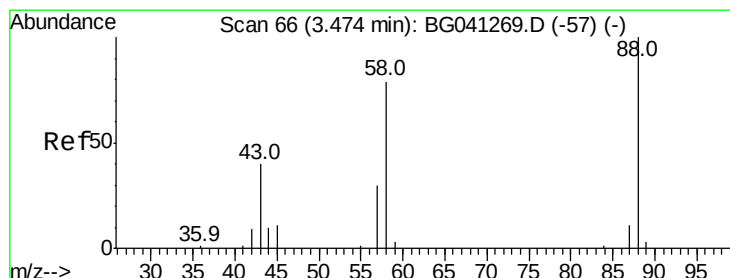
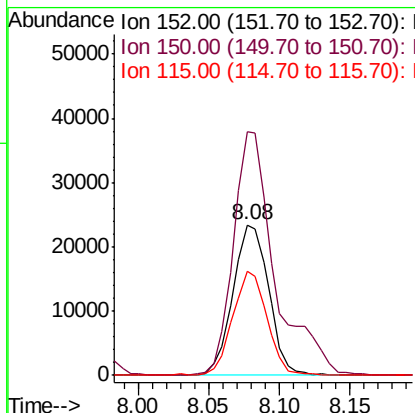
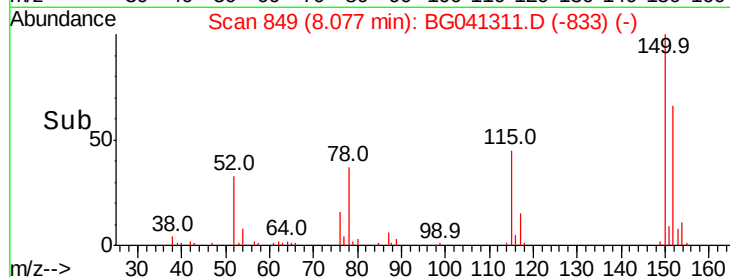
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41495
Ion Ratio Lower Upper
152 100
150 161.6 120.6 181.0
115 68.8 47.9 71.9



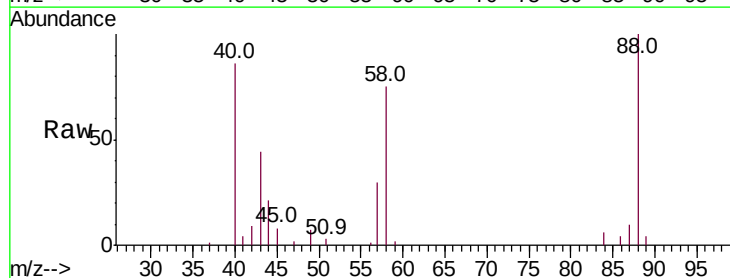
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



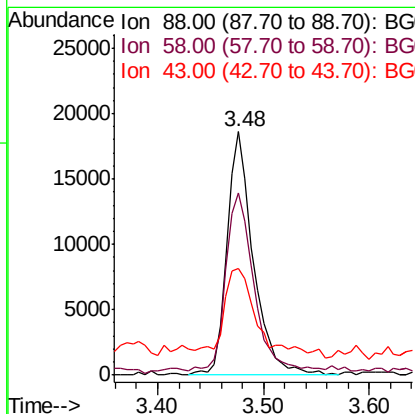
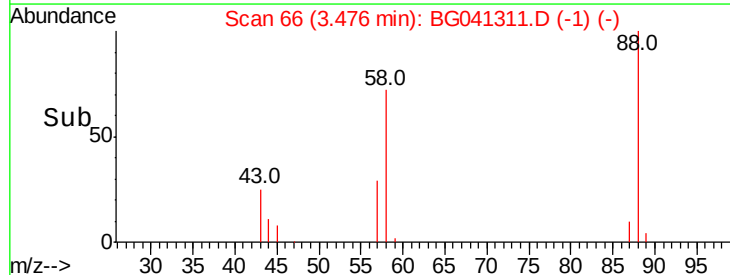
#2

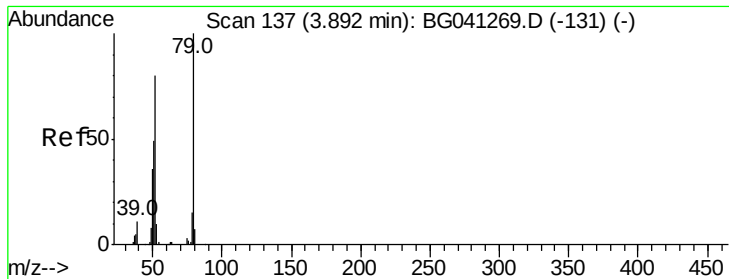
1,4-Dioxane
Concen: 28.201 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion: 88 Resp: 31936
Ion Ratio Lower Upper
88 100
58 77.5 59.7 89.5
43 48.6 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: 23.251 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

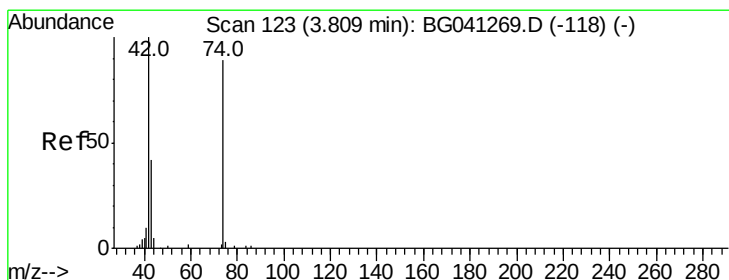
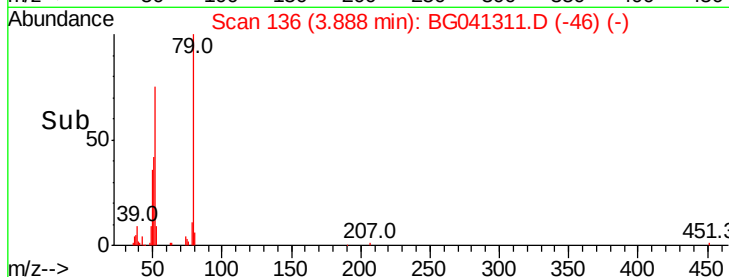
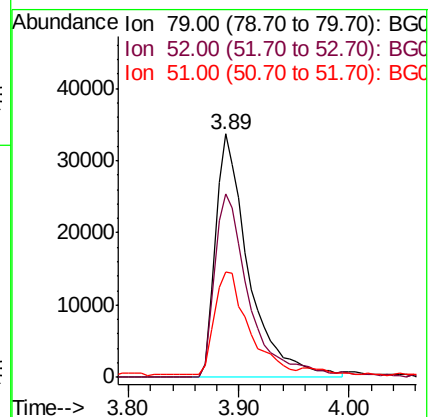
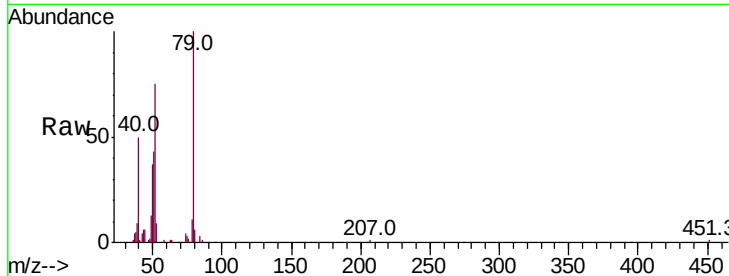
Tot Ion: 79 Resp: 69849

Ion Ratio Lower Upper

79 100

52 75.2 63.6 95.4

51 43.4 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 37.197 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

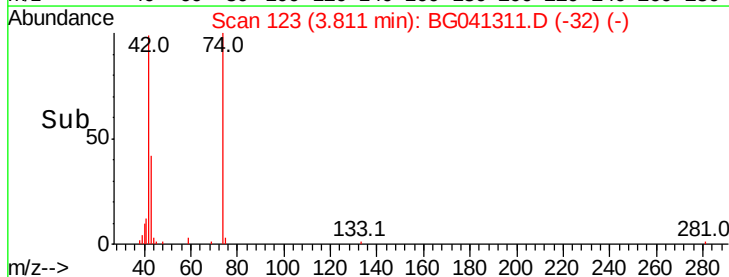
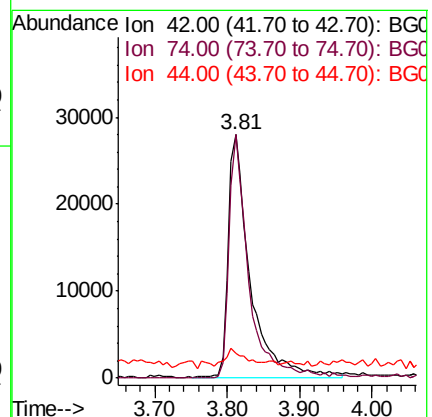
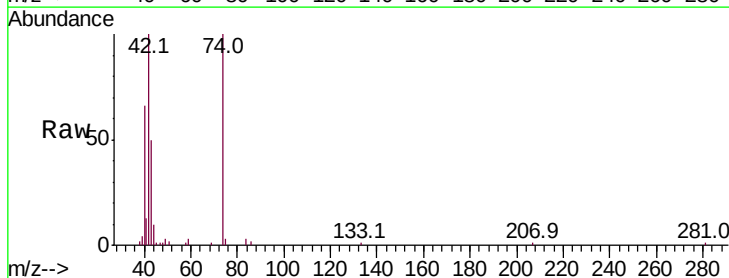
Tgt Ion: 42 Resp: 59593

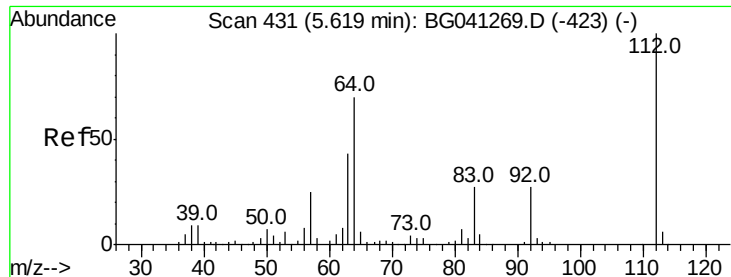
Ion Ratio Lower Upper

42 100

74 100.0 71.6 107.4

44 10.1 9.0 13.4





#5

2-Fluorophenol

Concen: 135.358 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

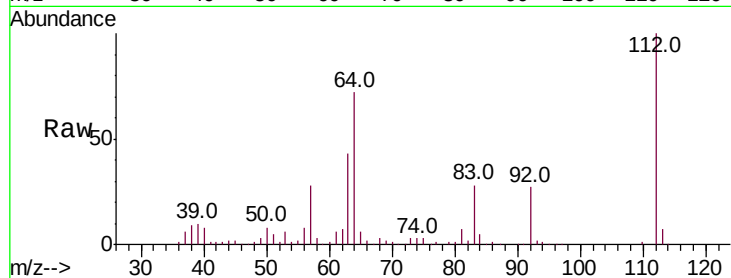
Tot Ion:112 Resp: 305684

Ion Ratio Lower Upper

112 100

64 72.1 55.9 83.9

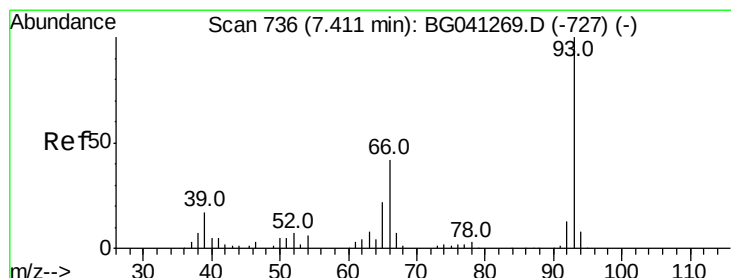
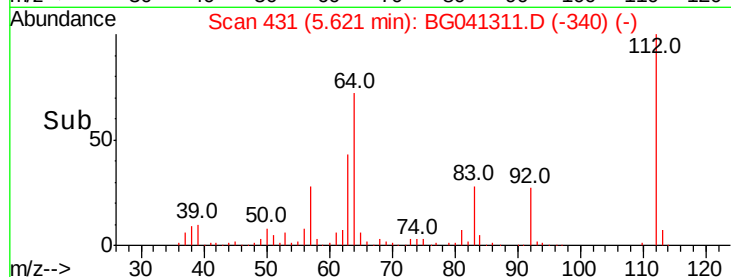
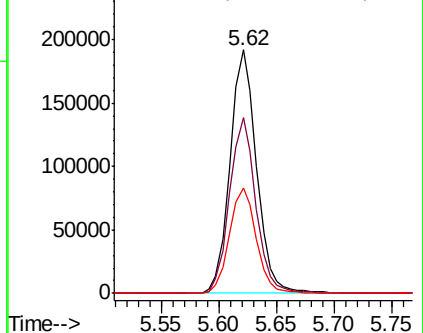
63 43.4 34.6 51.8



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: 22.931 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

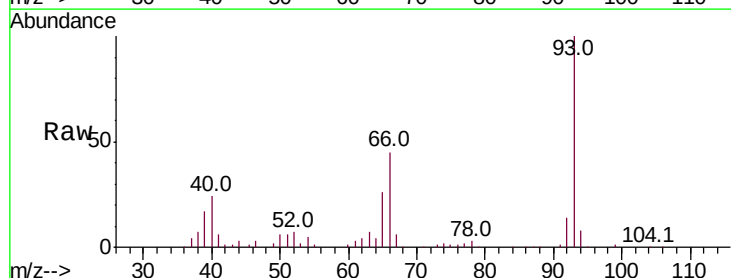
Tgt Ion: 93 Resp: 104336

Ion Ratio Lower Upper

93 100

66 45.1 34.2 51.2

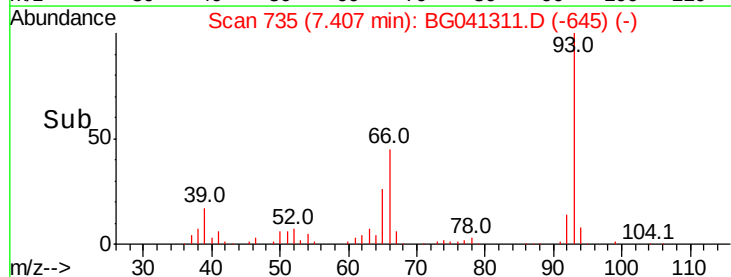
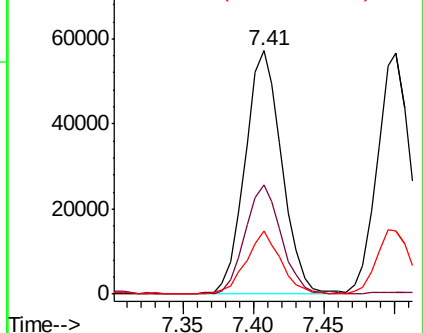
65 25.8 17.7 26.5

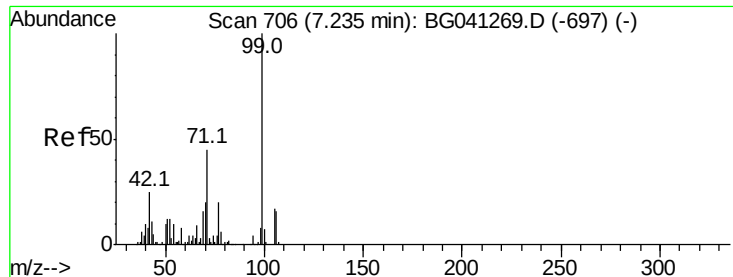


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.575 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

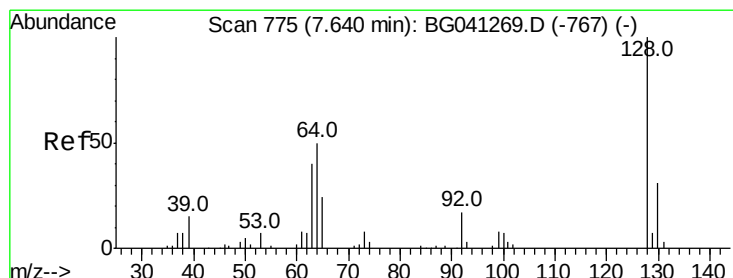
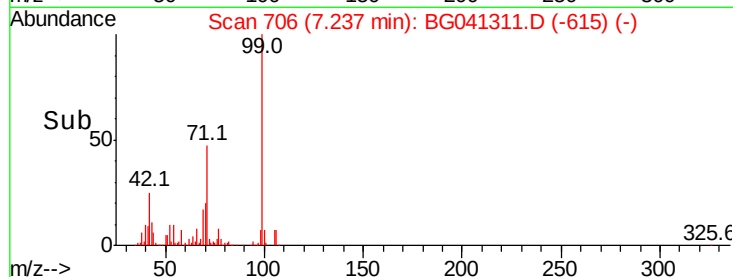
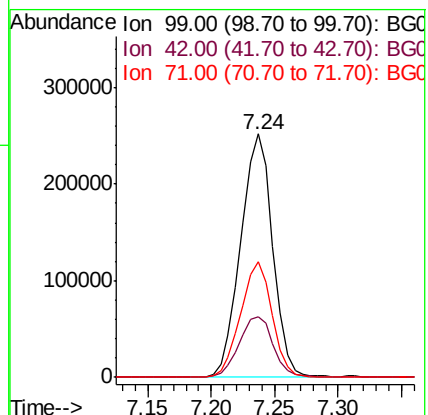
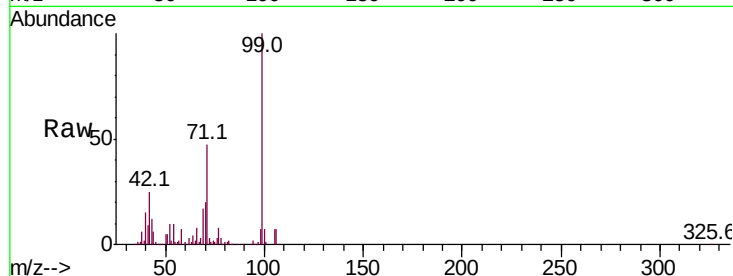
Tot Ion: 99 Resp: 440529

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

71 47.3 36.4 54.6



#8

2-Chlorophenol

Concen: 37.823 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

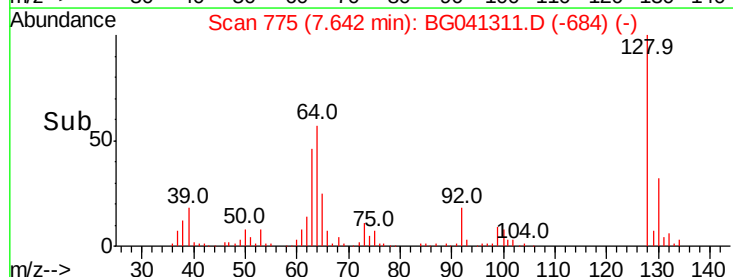
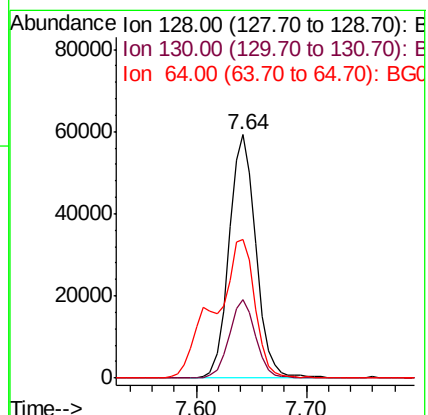
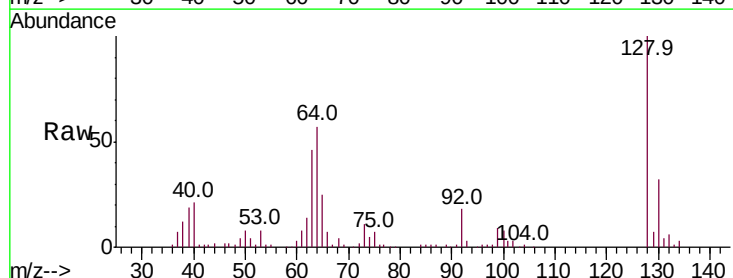
Tgt Ion: 128 Resp: 100366

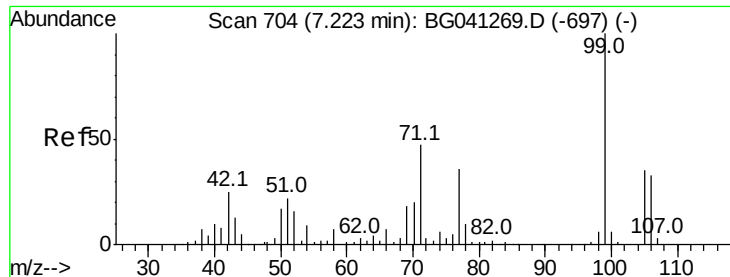
Ion Ratio Lower Upper

128 100

130 32.2 11.1 51.1

64 57.1 36.6 76.6





#9

Benzaldehyde

Concen: 46.191 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

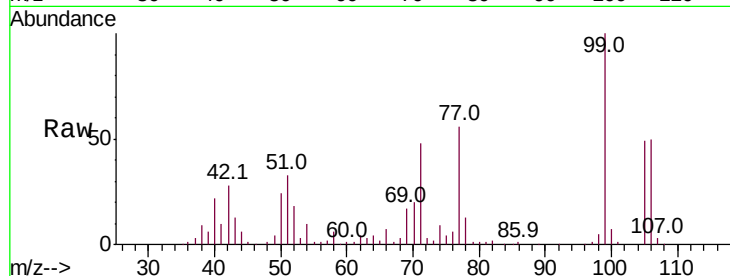
Tot Ion: 77 Resp: 96712

Ion Ratio Lower Upper

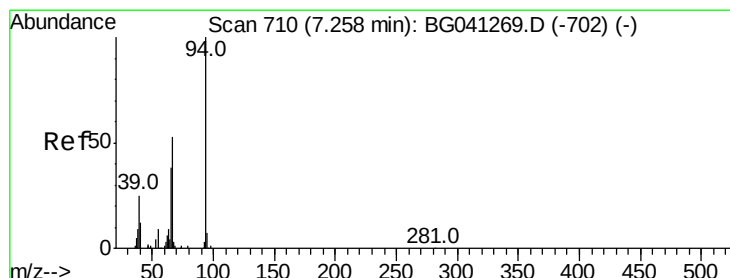
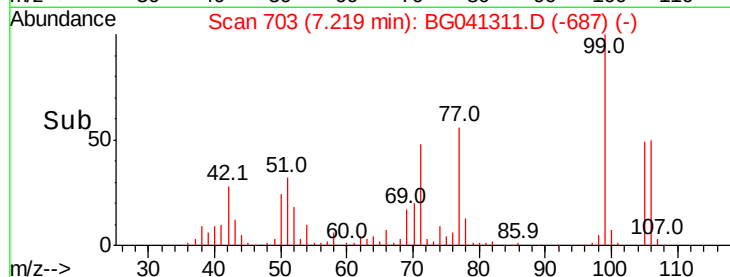
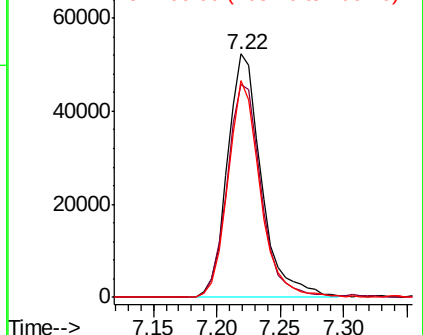
77 100

105 87.2 78.7 118.7

106 88.8 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.630 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

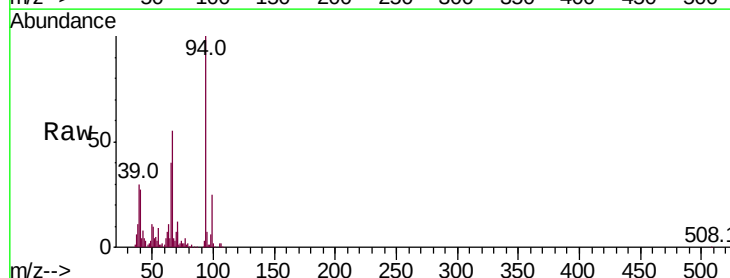
Tgt Ion: 94 Resp: 139504

Ion Ratio Lower Upper

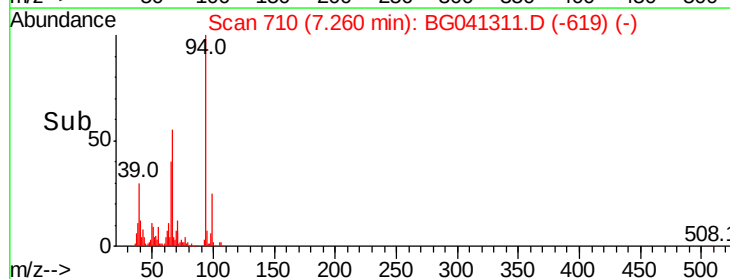
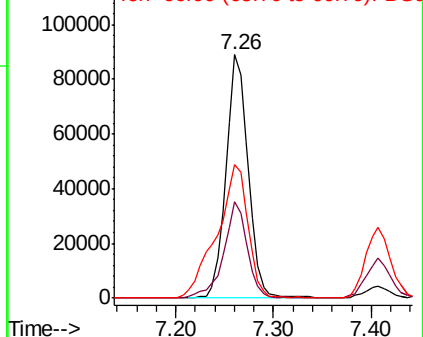
94 100

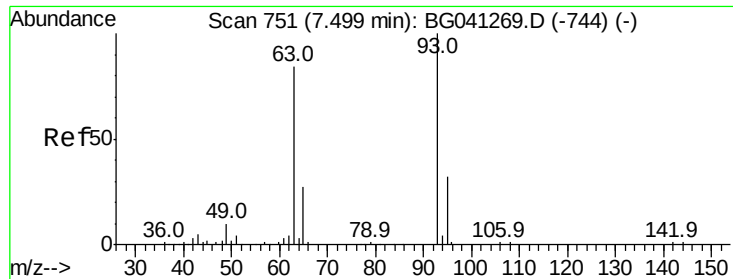
65 39.6 18.7 58.7

66 54.8 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.971 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

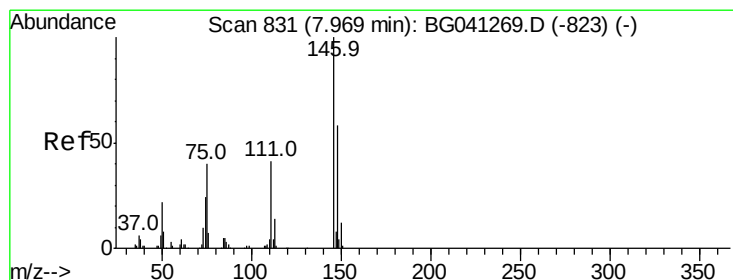
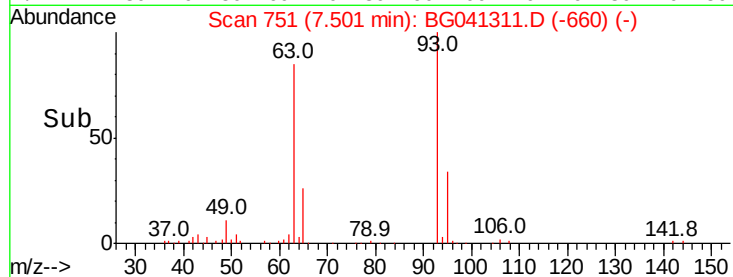
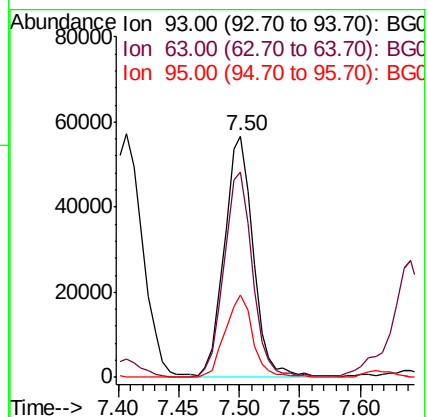
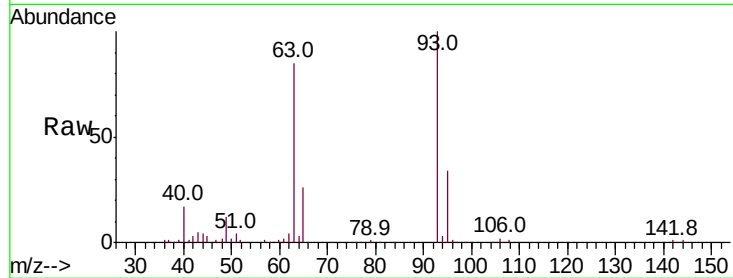
Tot Ion: 93 Resp: 93406

Ion Ratio Lower Upper

93 100

63 85.2 63.6 103.6

95 34.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 33.022 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

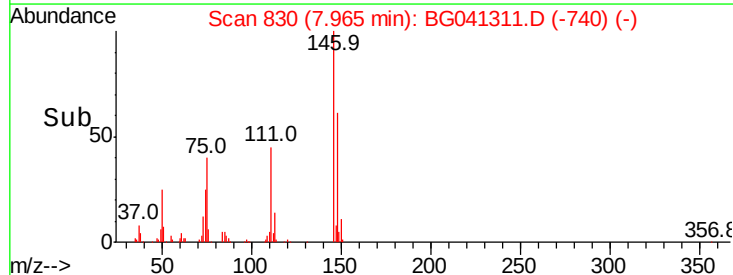
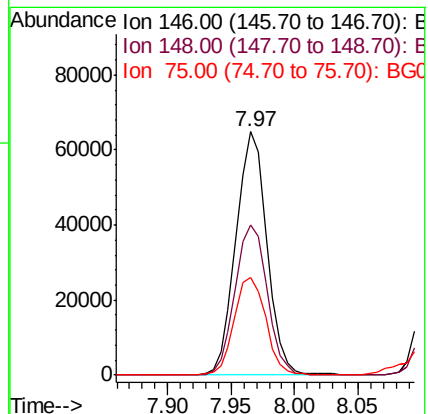
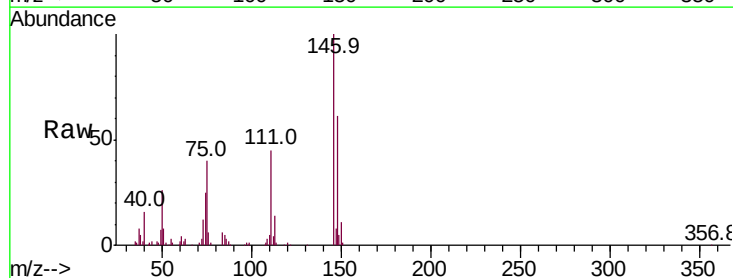
Tgt Ion: 146 Resp: 109715

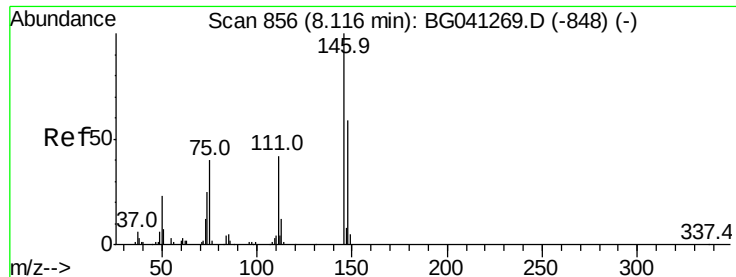
Ion Ratio Lower Upper

146 100

148 61.4 46.5 69.7

75 40.4 32.2 48.4

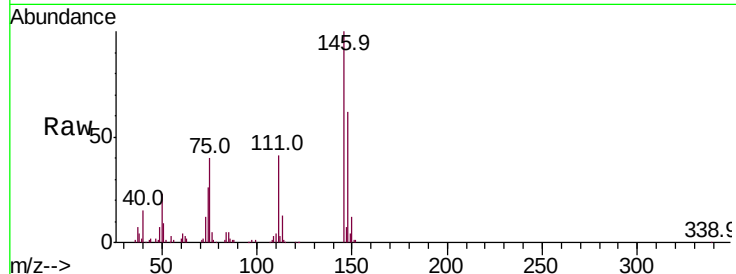




#13
1,4-Dichlorobenzene
Concen: 33.626 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	47.3	70.9
111	40.8	33.4	50.0

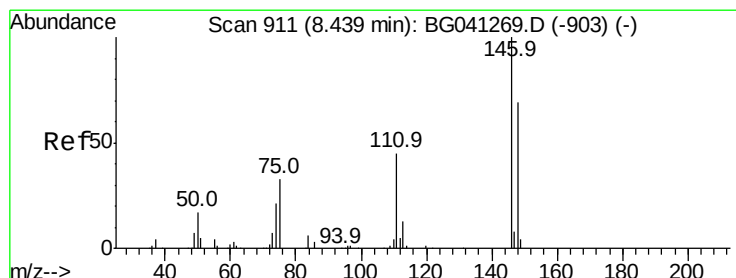
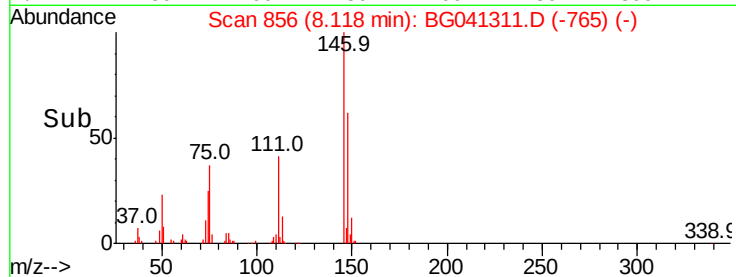
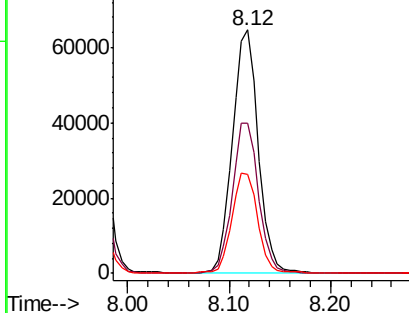


Abundance

Ion 146.00 (145.70 to 146.70): E

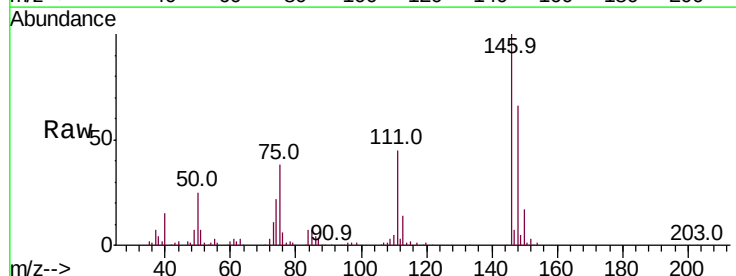
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 33.248 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.9	82.3
111	45.0	37.0	55.6

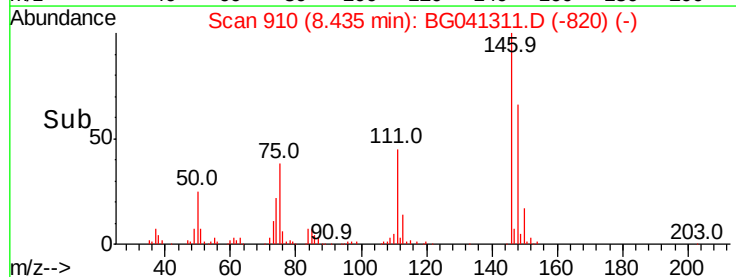
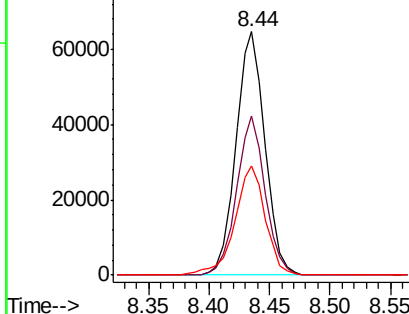


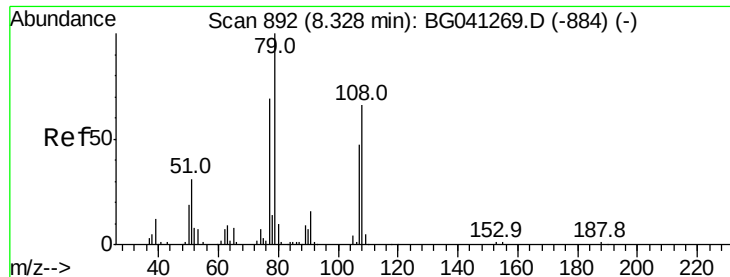
Abundance

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

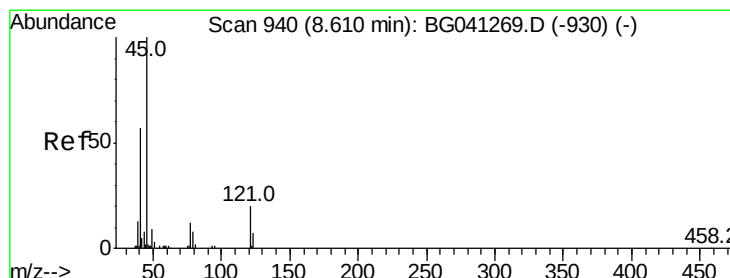
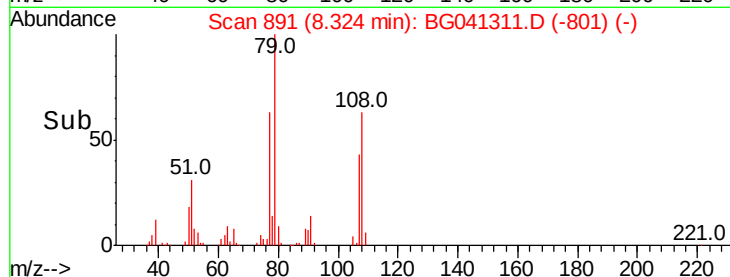
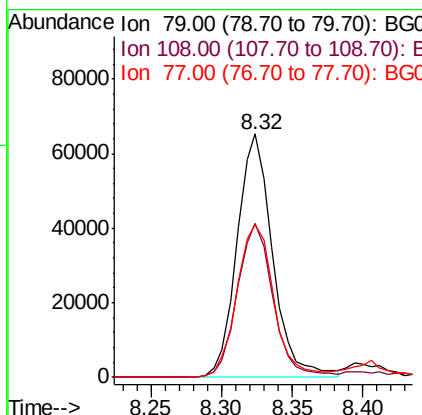
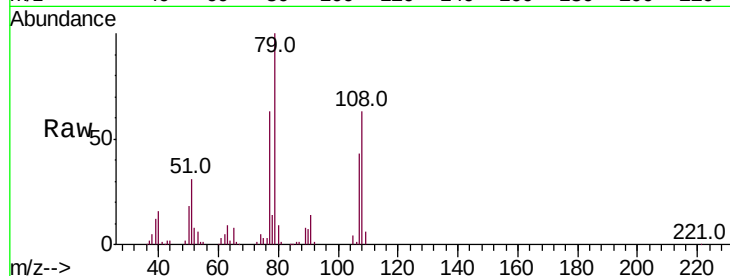




#15
Benzyl Alcohol
Concen: 36.724 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

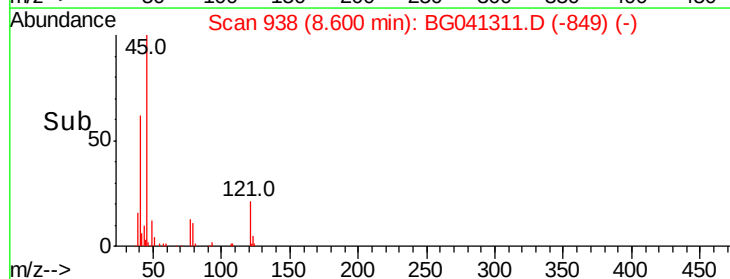
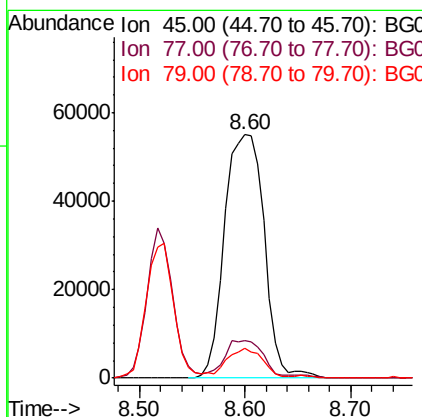
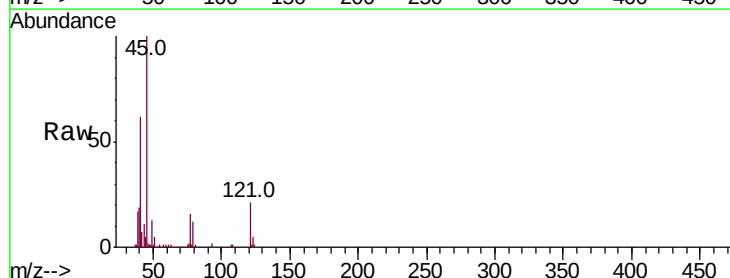
Instrument :
BNA_G
ClientSampled :

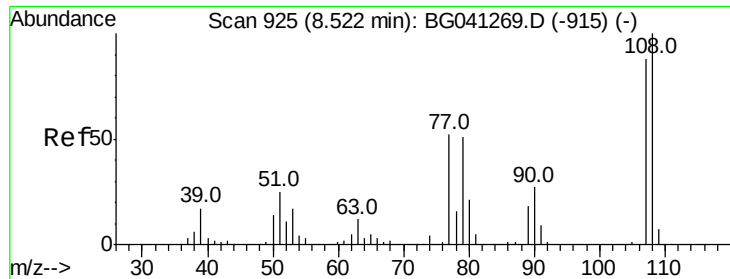
Tot Ion: 79 Resp: 115180
Ion Ratio Lower Upper
79 100
108 63.0 52.7 79.1
77 62.8 55.2 82.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.797 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion: 45 Resp: 143402
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.2
79 12.2 0.0 31.6





#17

2-Methylphenol

Concen: 36.770 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 92537

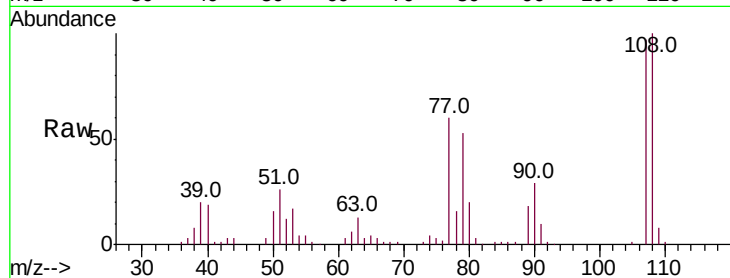
Ion Ratio Lower Upper

107 100

108 103.3 91.7 137.5

77 62.4 47.8 71.8

79 54.4 46.8 70.2

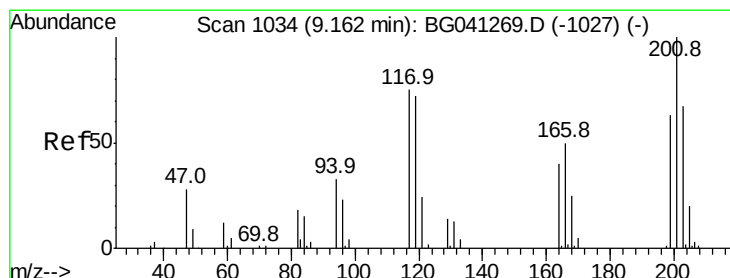
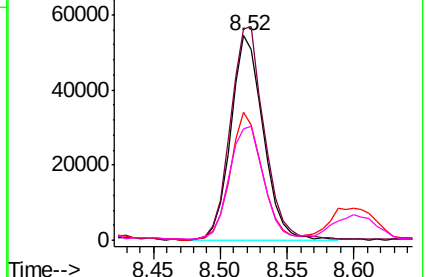
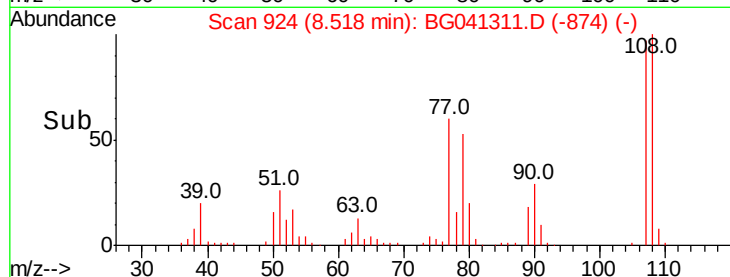


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.307 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

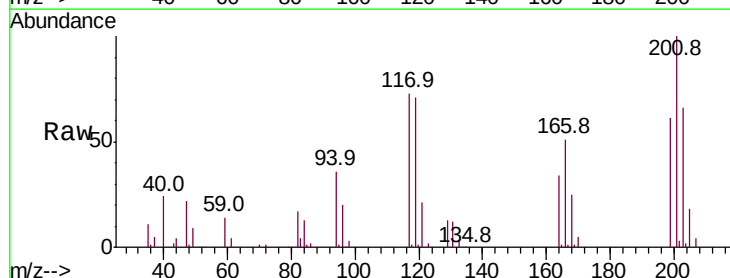
Tgt Ion:117 Resp: 43450

Ion Ratio Lower Upper

117 100

119 97.8 76.8 115.2

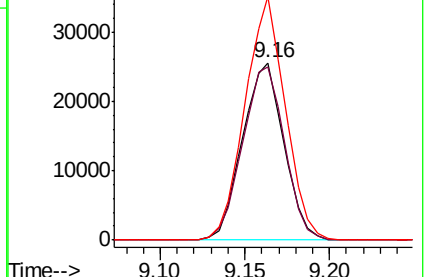
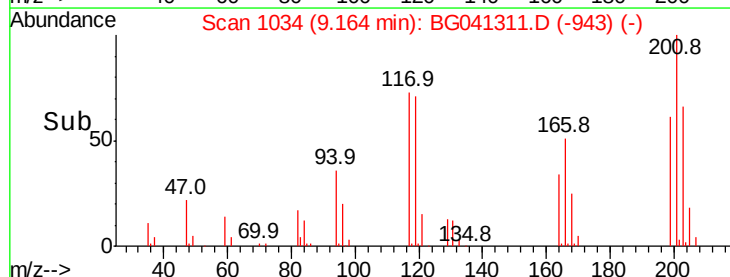
201 137.4 106.3 159.5

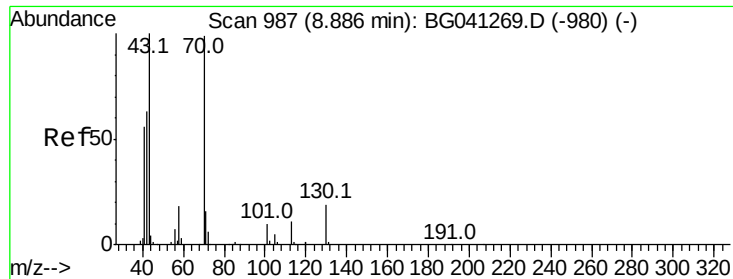


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.012 ng

RT: 8.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 90050

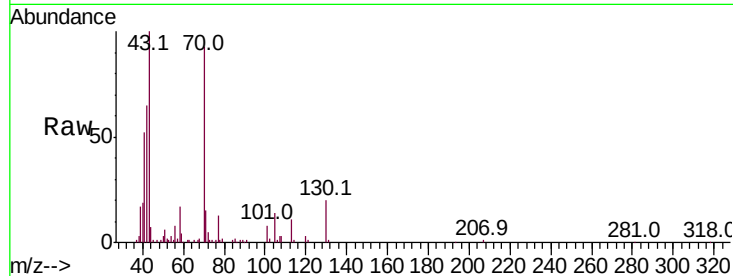
Ion Ratio Lower Upper

70 100

42 69.3 51.4 77.2

101 8.9 8.2 12.2

130 21.7 15.2 22.8

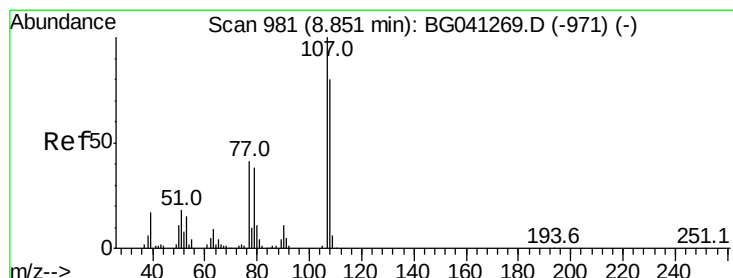
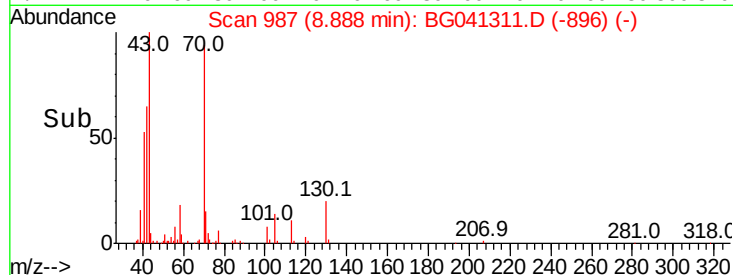
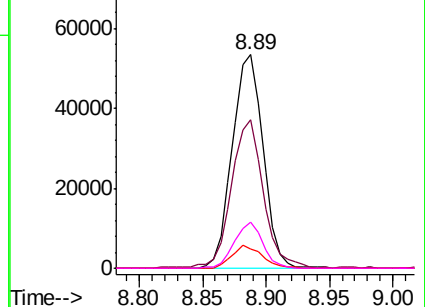


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.991 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:107 Resp: 127278

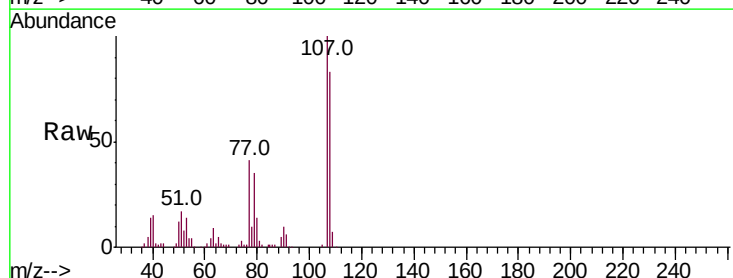
Ion Ratio Lower Upper

107 100

108 83.2 60.4 100.4

77 41.2 21.2 61.2

79 34.8 17.7 57.7

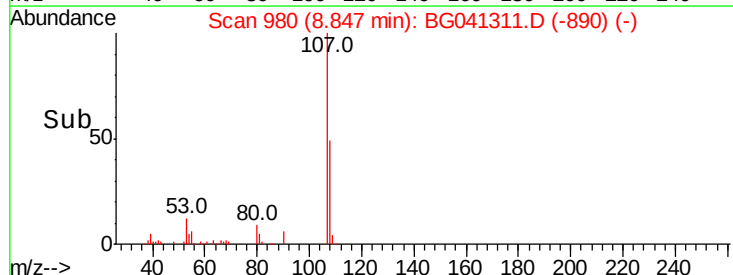
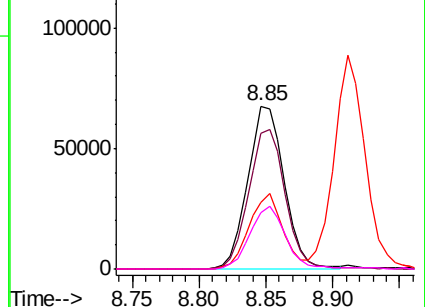


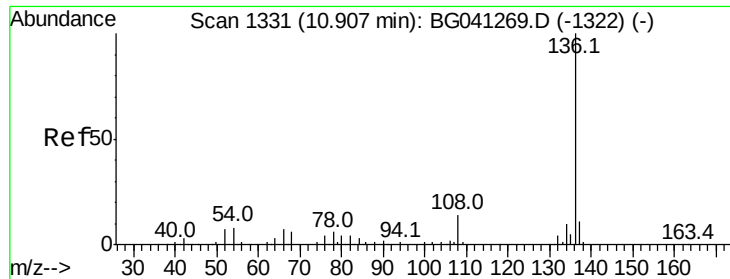
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

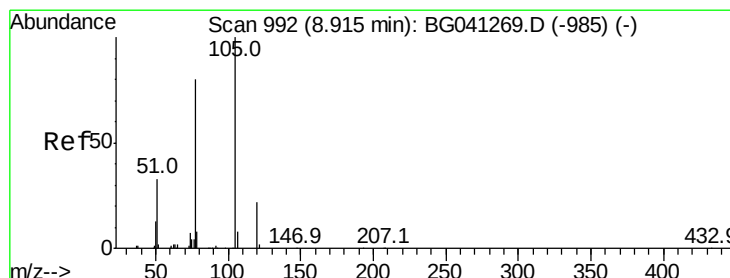
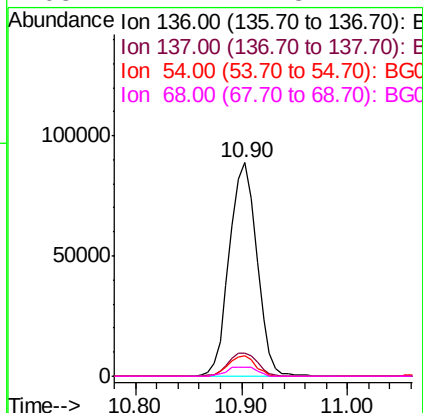
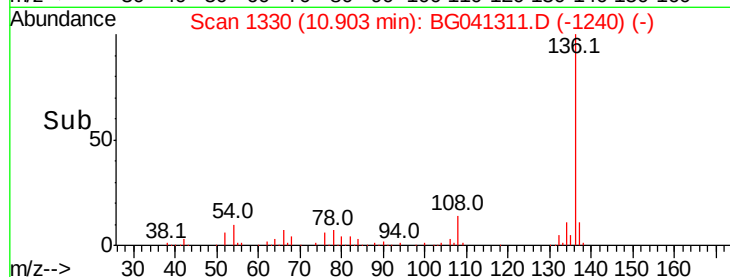
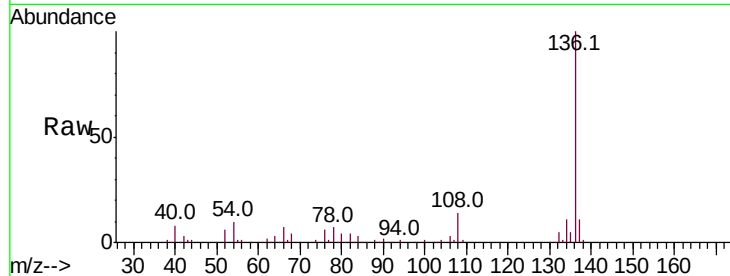




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

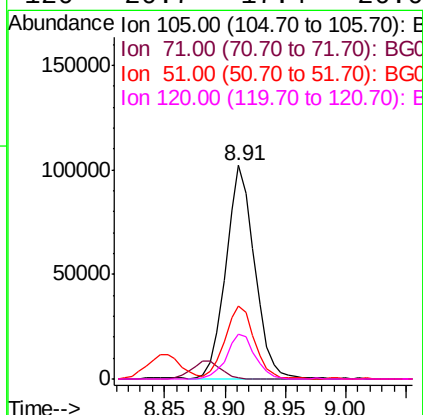
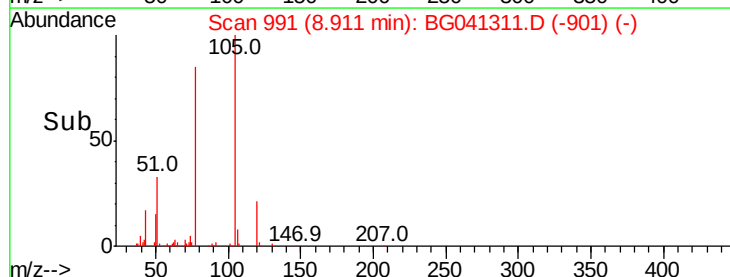
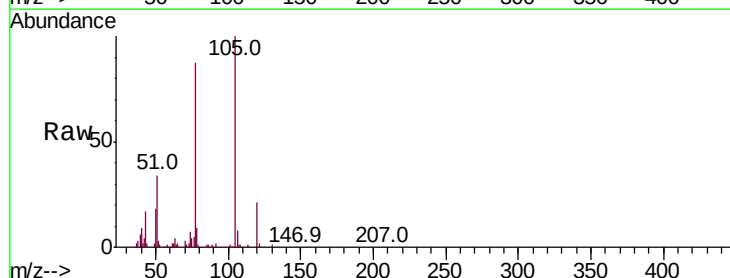
Instrument :
BNA_G
ClientSampleId :

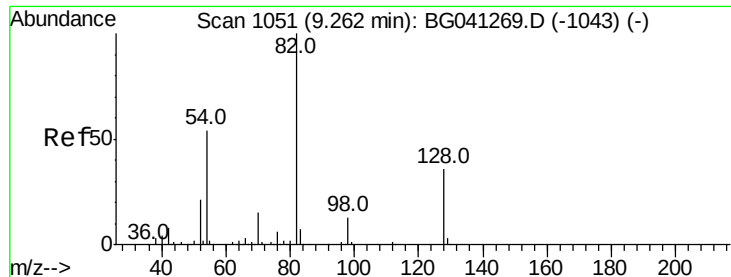
Tot Ion:136	Resp:	159848
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	9.9	6.4 9.6#
68	4.1	4.8 7.2#



#22
Acetophenone
Concen: 36.064 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:105	Resp:	167754
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	34.2	28.2 42.4
120	20.7	17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.748 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

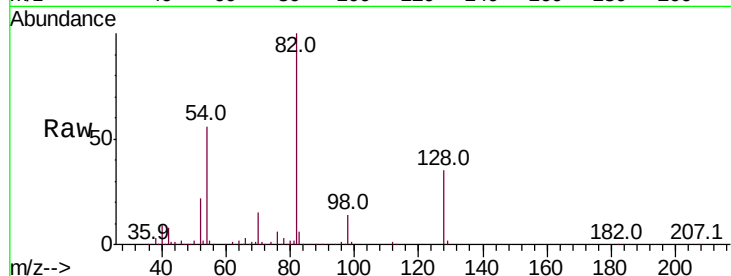
Tot Ion: 82 Resp: 314511

Ion Ratio Lower Upper

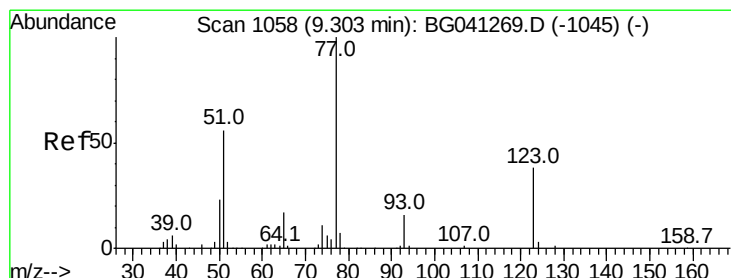
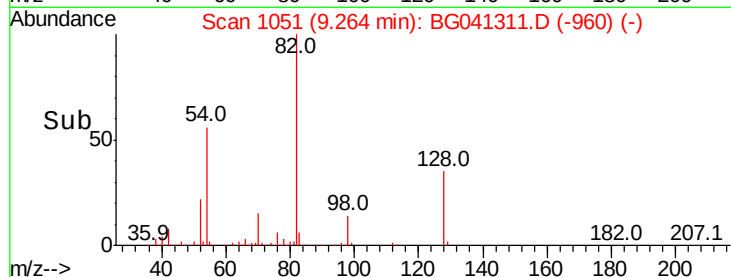
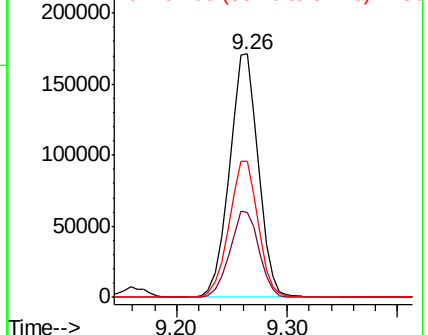
82 100

128 35.1 29.2 43.8

54 56.1 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 36.802 ng

RT: 9.30 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

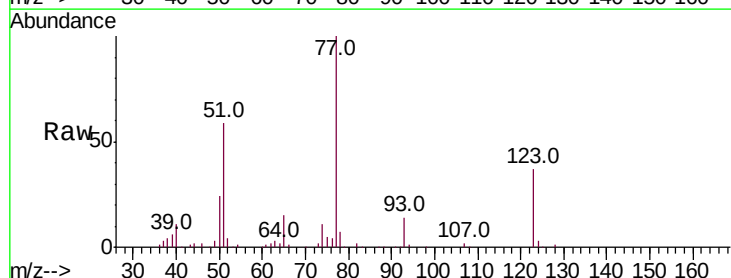
Tgt Ion: 77 Resp: 140681

Ion Ratio Lower Upper

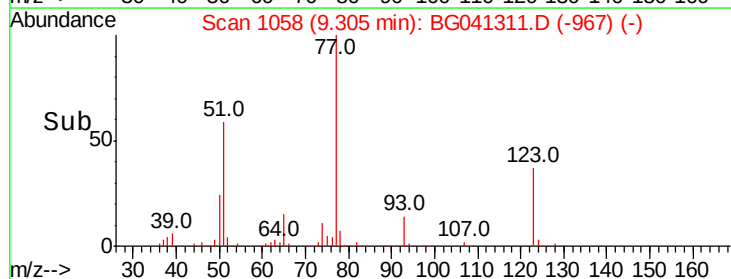
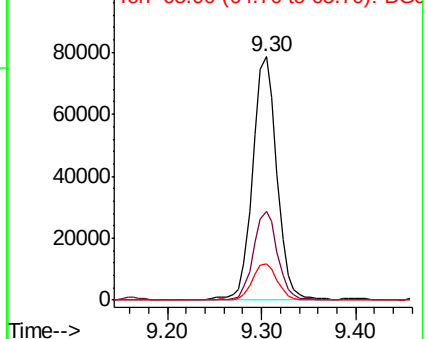
77 100

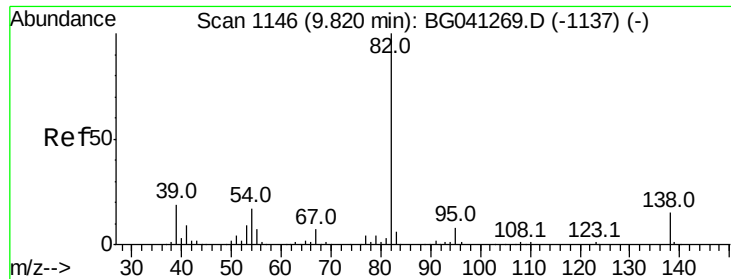
123 36.7 30.4 45.6

65 14.9 13.3 19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.481 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

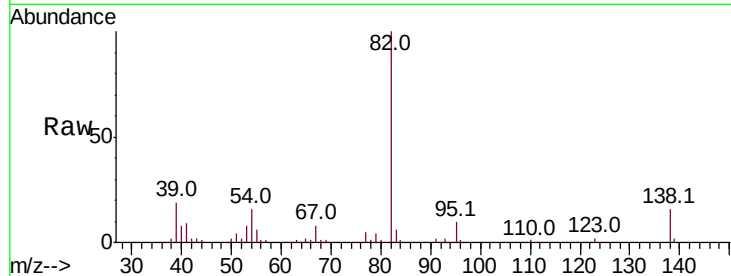
Tot Ion: 82 Resp: 254382

Ion Ratio Lower Upper

82 100

95 9.8 6.6 10.0

138 15.5 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BG041269.D (-1137) (-)

Ion 95.00 (94.70 to 95.70): BG041269.D (-1137) (-)

Ion 138.00 (137.70 to 138.70): BG041269.D (-1137) (-)

200000

150000

100000

50000

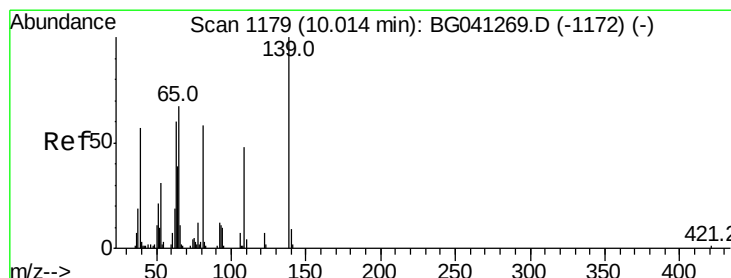
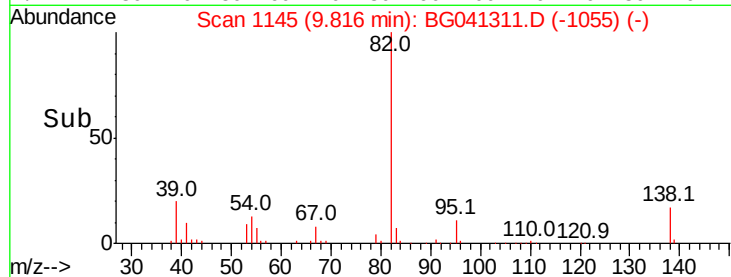
0

9.70

9.80

9.90

Time-->



#26

2-Nitrophenol

Concen: 38.289 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

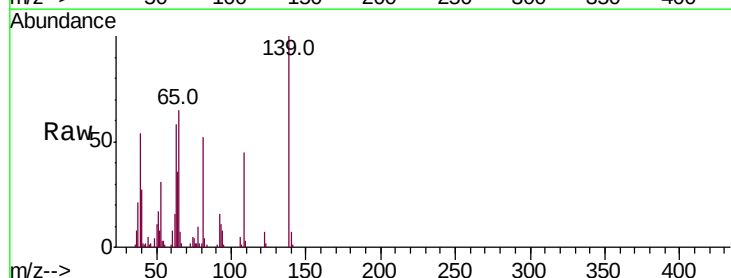
Tgt Ion: 139 Resp: 59339

Ion Ratio Lower Upper

139 100

109 44.6 38.4 57.6

65 65.3 53.6 80.4



Abundance Ion 139.00 (138.70 to 139.70): BG041269.D (-1172) (-)

Ion 109.00 (108.70 to 109.70): BG041269.D (-1172) (-)

Ion 65.00 (64.70 to 65.70): BG041269.D (-1172) (-)

40000

30000

20000

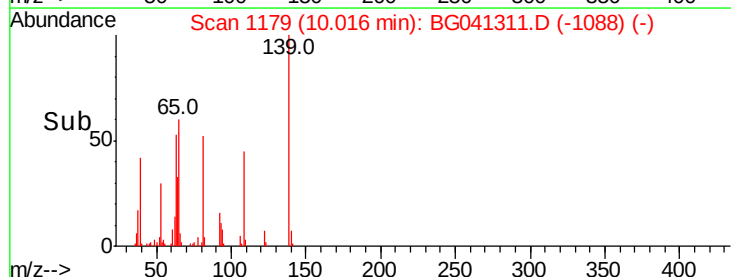
10000

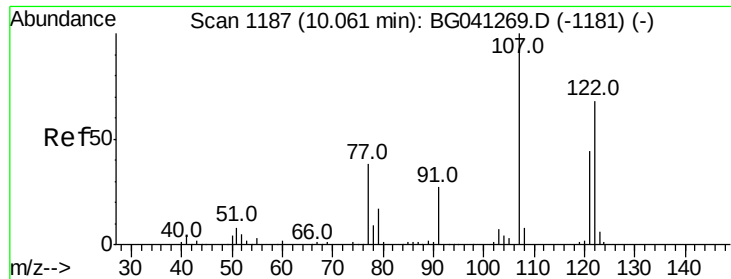
0

10.00

10.10

Time-->

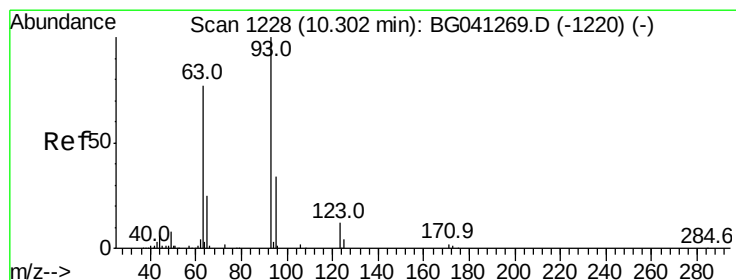
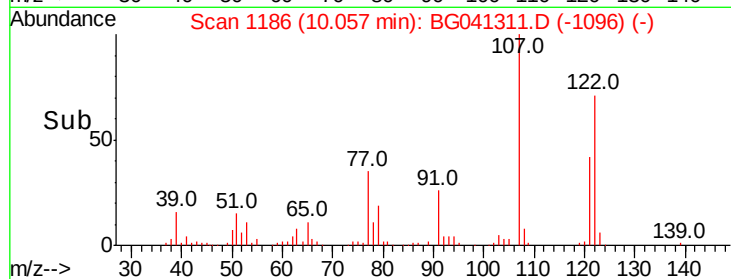
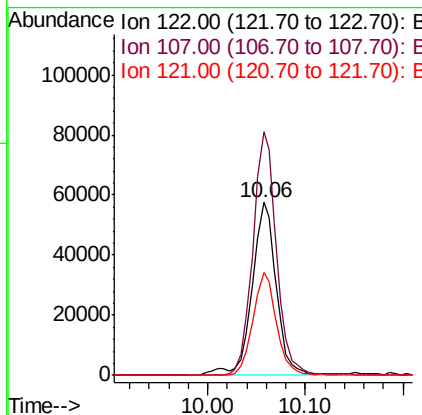
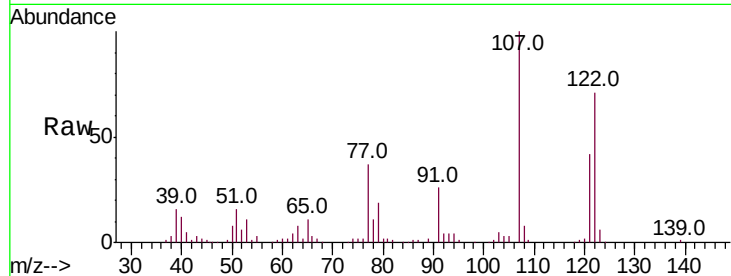




#27
 2,4-Dimethylphenol
 Concen: 43.508 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

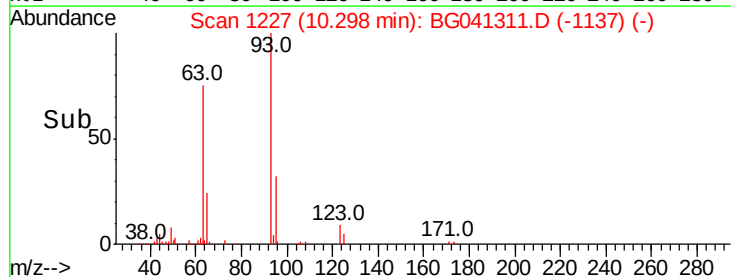
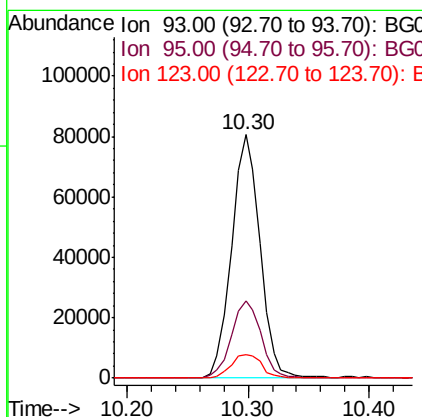
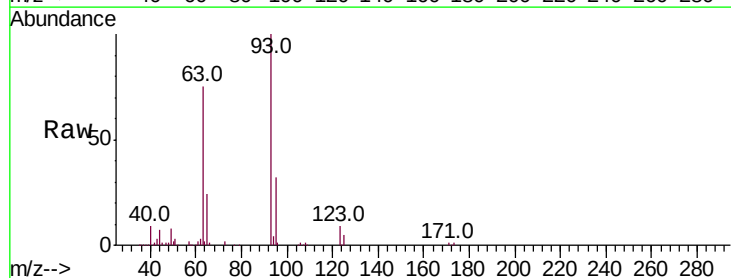
Instrument :
 BNA_G
 ClientSampled :

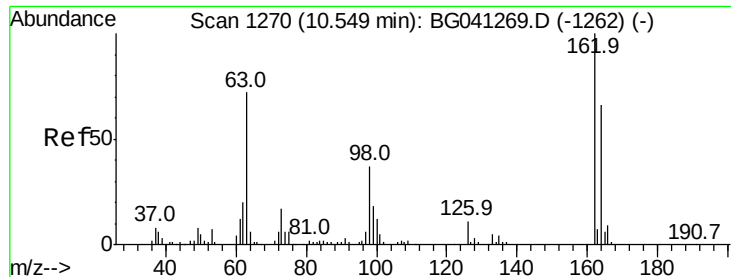
Tot Ion:122 Resp: 101070
 Ion Ratio Lower Upper
 122 100
 107 141.0 115.1 172.7
 121 59.7 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.391 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion: 93 Resp: 132220
 Ion Ratio Lower Upper
 93 100
 95 31.7 27.3 40.9
 123 9.5 9.6 14.4#

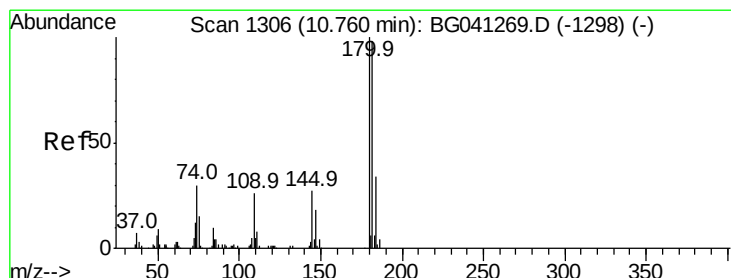
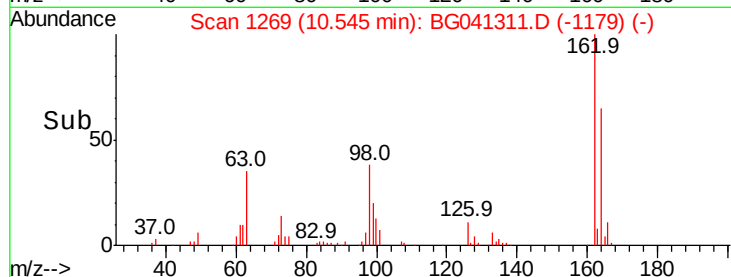
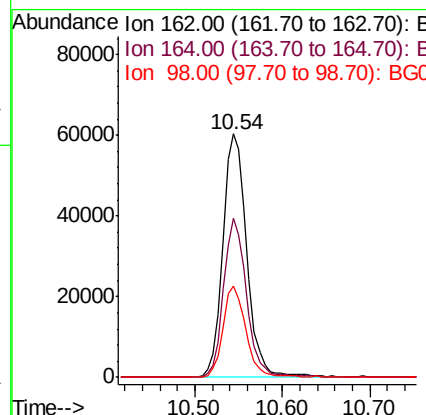
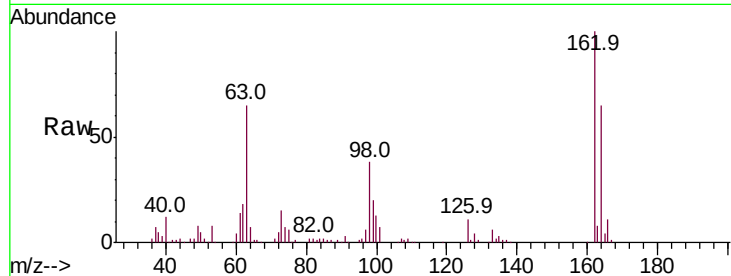




#29
 2,4-Dichlorophenol
 Concen: 39.776 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

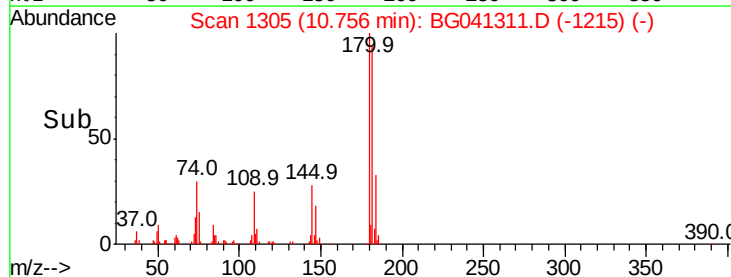
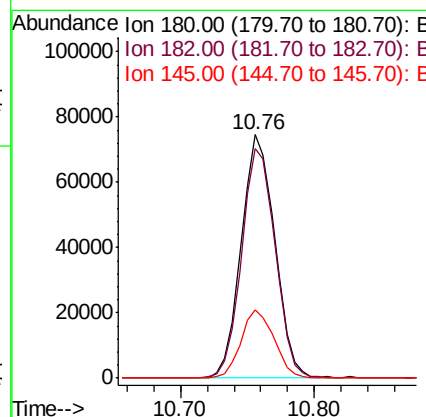
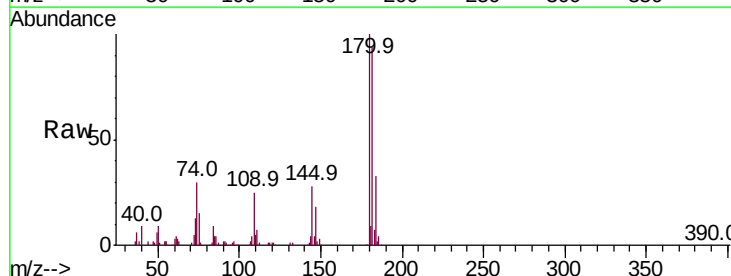
Instrument :
 BNA_G
 ClientSampleId :

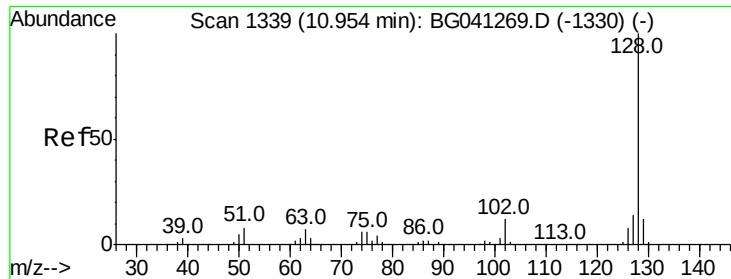
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.0	86.0
98	37.6	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 35.179 ng
 RT: 10.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.6	117.8
145	27.9	21.7	32.5

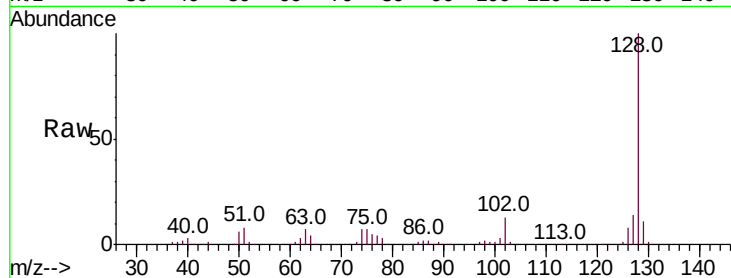




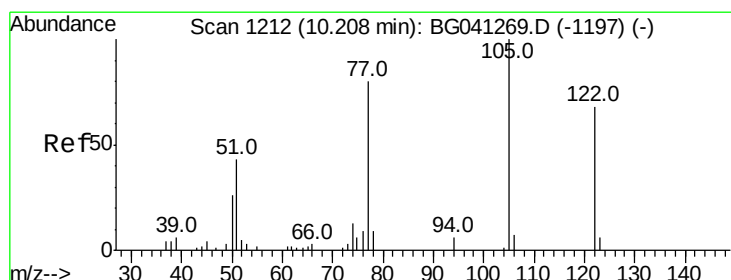
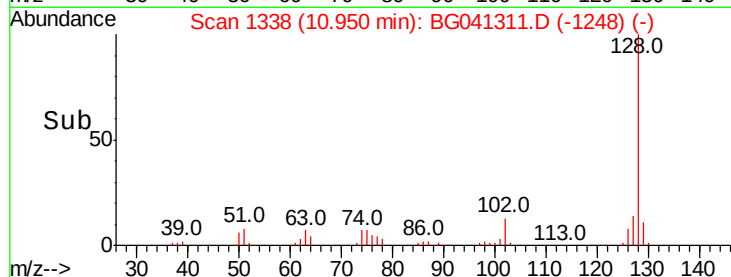
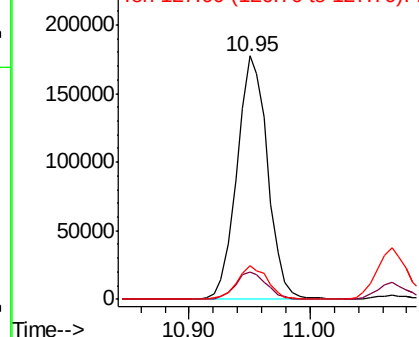
#31
Naphthalene
Concen: 36.031 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 313019
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.7 11.2 16.8

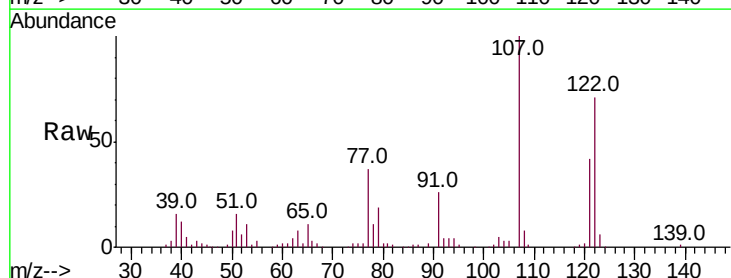


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

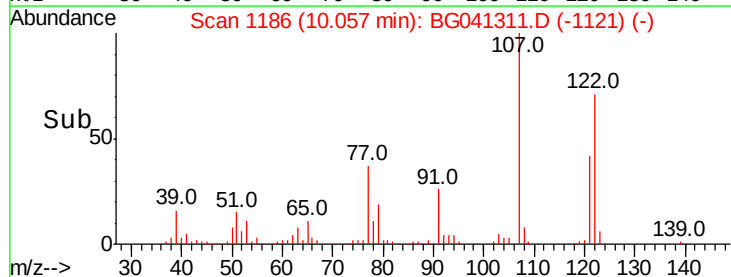
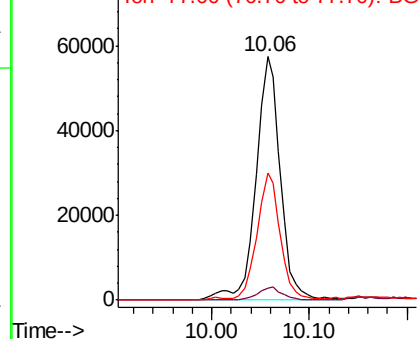


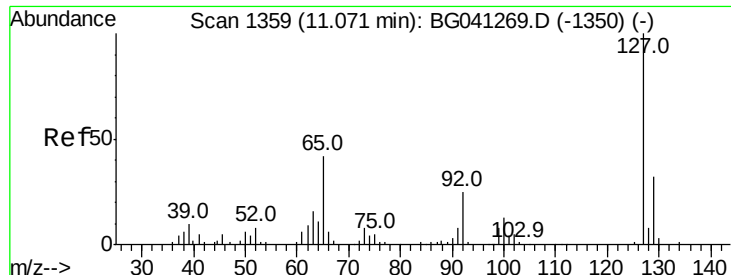
#32
Benzoic acid
Concen: 66.836 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.15 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:122 Resp: 101070
Ion Ratio Lower Upper
122 100
105 4.8 124.2 164.2#
77 52.0 97.2 137.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

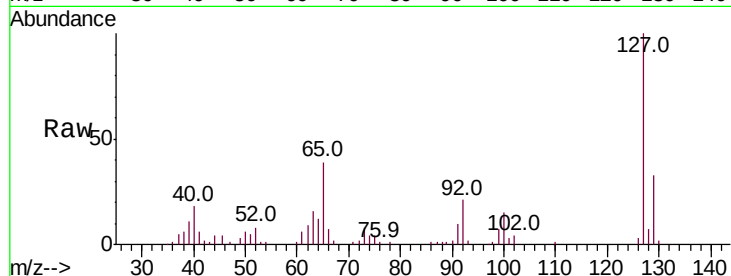




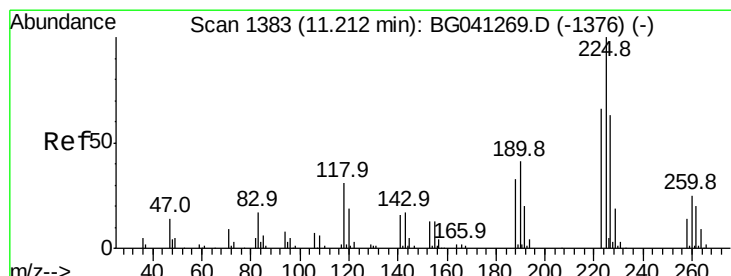
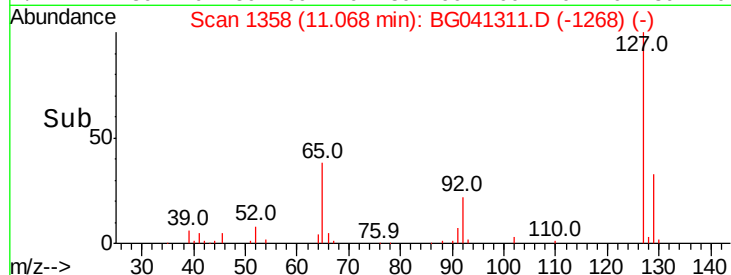
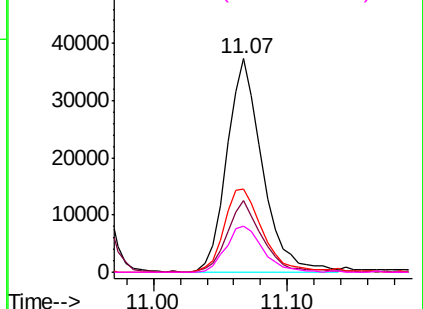
#33
4-Chloroaniline
Concen: 18.789 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 69322
Ion Ratio Lower Upper
127 100
129 33.4 25.8 38.8
65 39.1 33.8 50.8
92 21.4 20.2 30.4

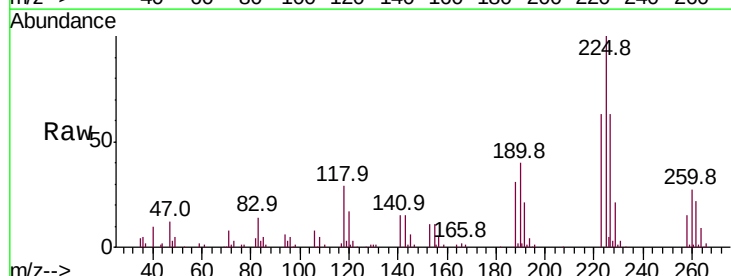


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

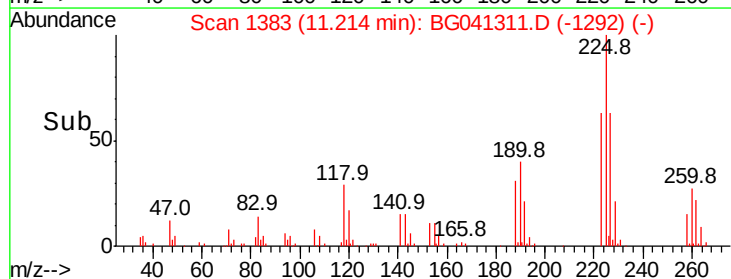
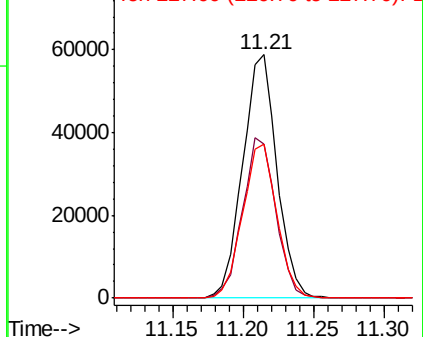


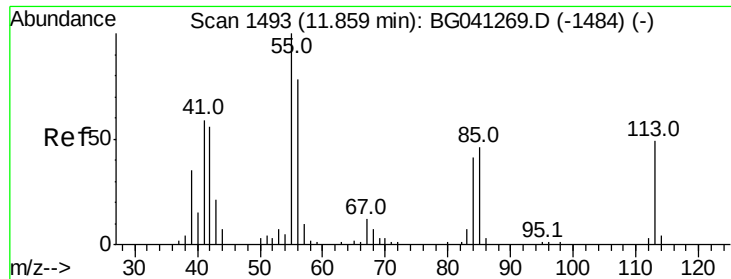
#34
Hexachlorobutadiene
Concen: 34.154 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:225 Resp: 100008
Ion Ratio Lower Upper
225 100
223 63.5 52.5 78.7
227 65.8 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

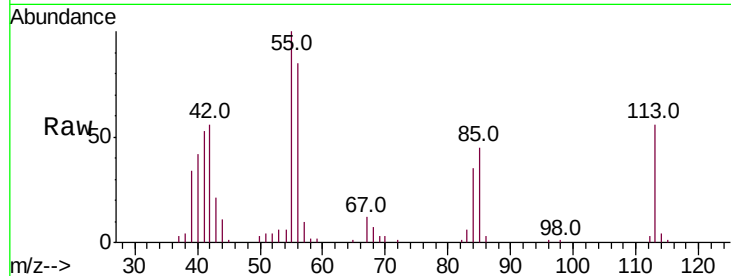




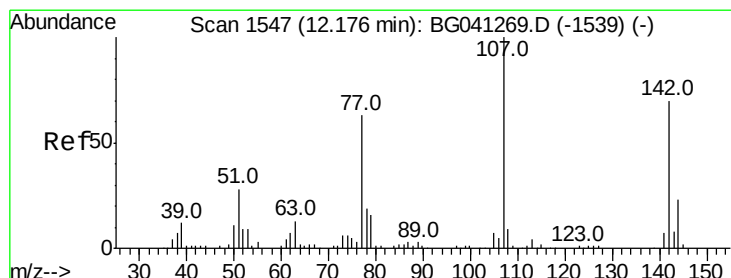
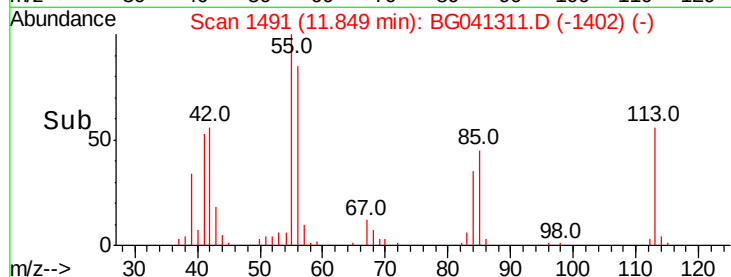
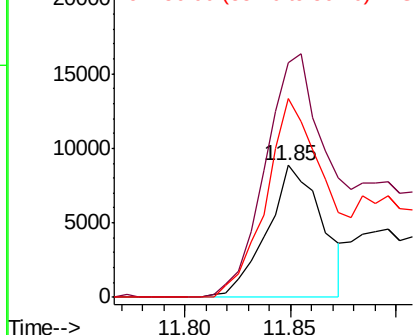
#35
 Caprolactam
 Concen: 16.119 ng
 RT: 11.85 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 15984
 Ion Ratio Lower Upper
 113 100
 55 177.9 182.6 222.6#
 56 151.0 137.5 177.5

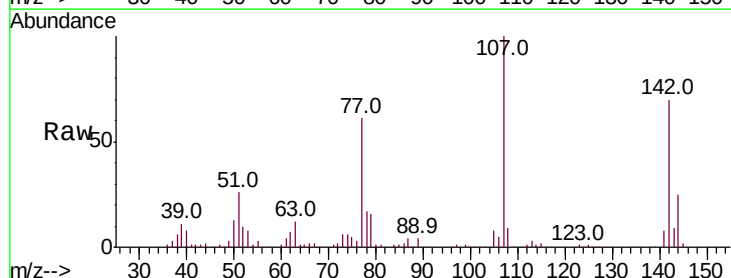


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

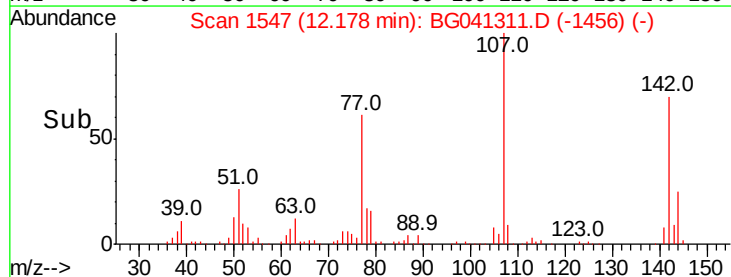
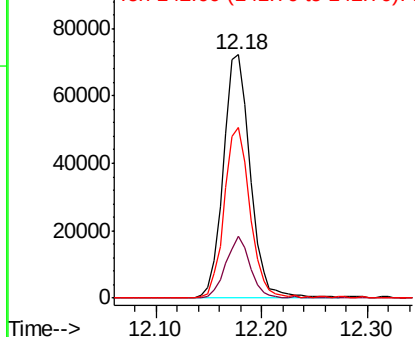


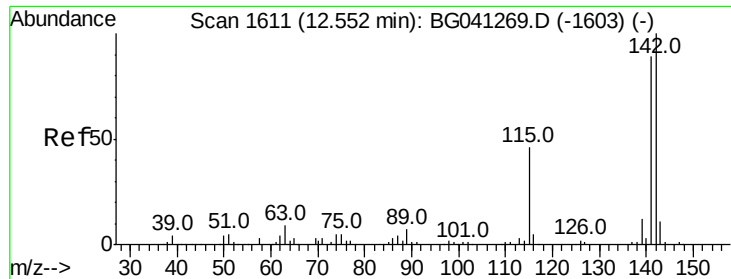
#36
 4-Chloro-3-methylphenol
 Concen: 38.213 ng
 RT: 12.18 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:107 Resp: 127134
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.5 27.7
 142 69.9 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

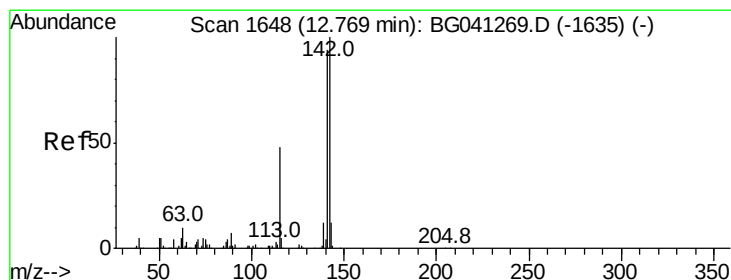
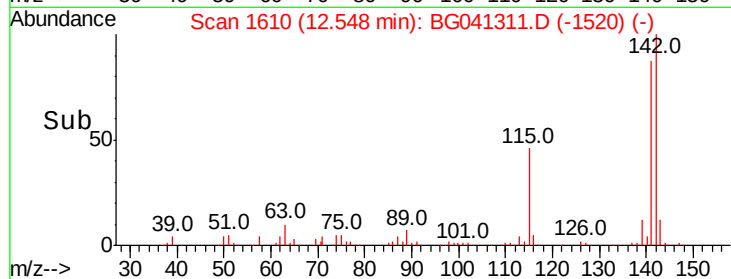
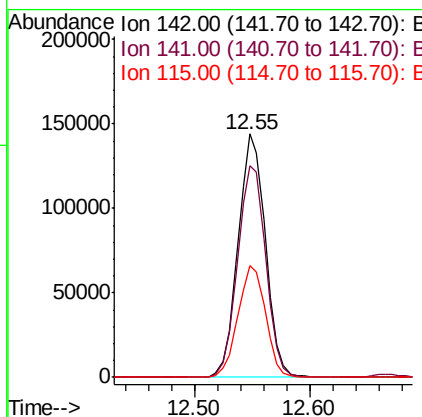
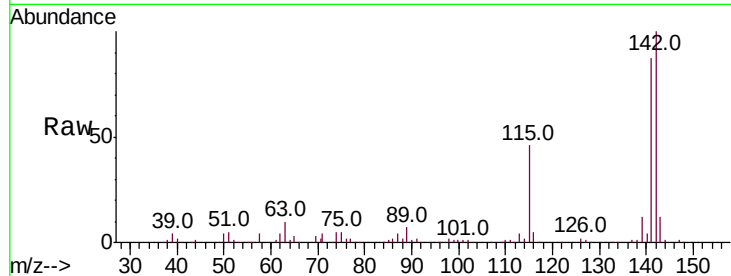




#37
 2-Methylnaphthalene
 Concen: 36.843 ng
 RT: 12.55 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

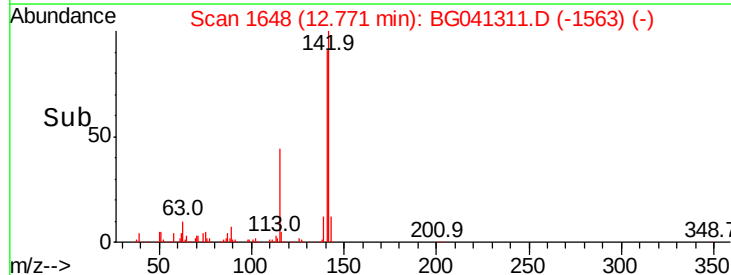
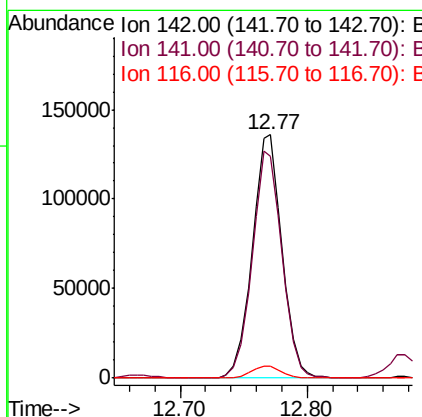
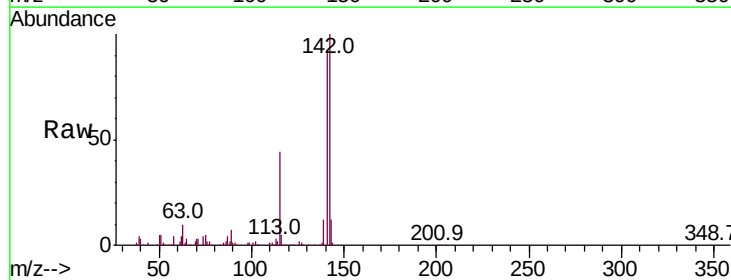
Instrument :
 BNA_G
 ClientSampleId :

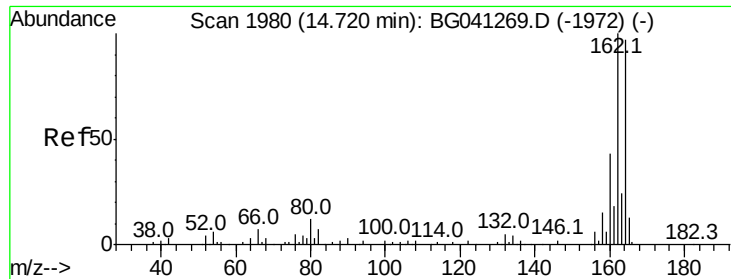
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.5	107.3
115	45.7	37.0	55.6



#38
 1-Methylnaphthalene
 Concen: 36.112 ng
 RT: 12.77 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.0	112.6
116	4.7	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

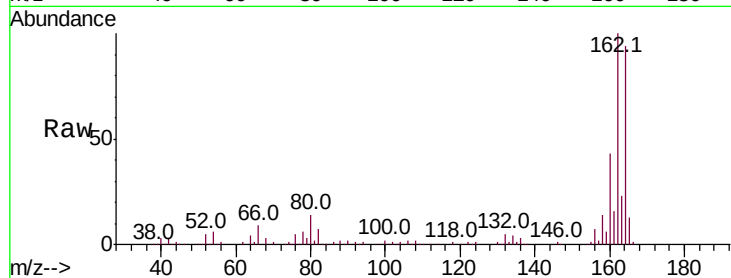
Tot Ion:164 Resp: 110402

Ion Ratio Lower Upper

164 100

162 106.6 82.8 124.2

160 46.1 35.8 53.8

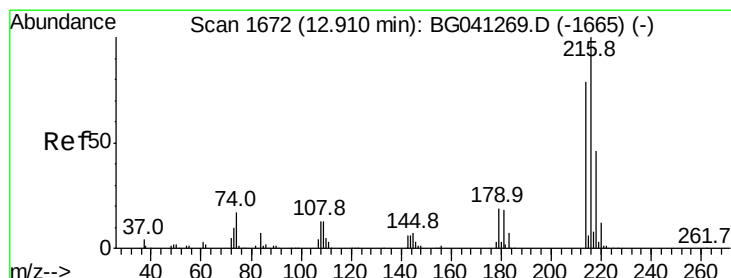
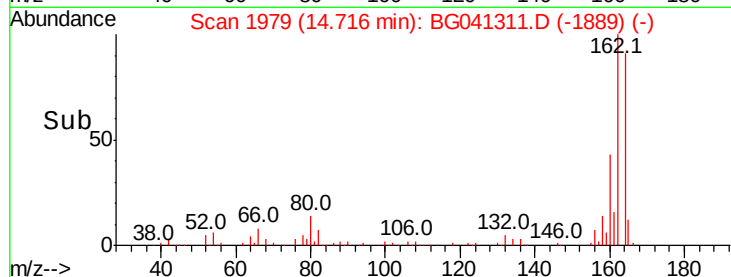
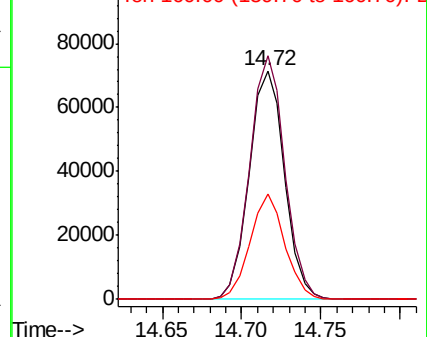


Abundance

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: 38.277 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:216 Resp: 174498

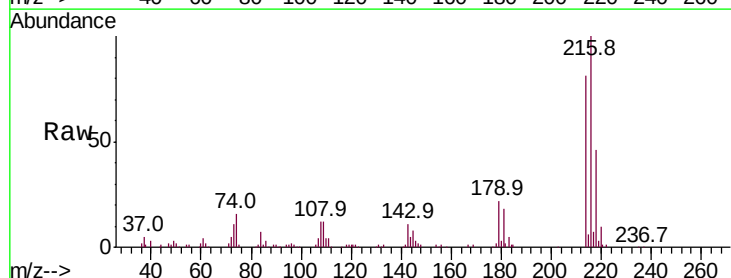
Ion Ratio Lower Upper

216 100

214 79.5 62.8 94.2

179 19.7 15.2 22.8

108 16.7 12.4 18.6



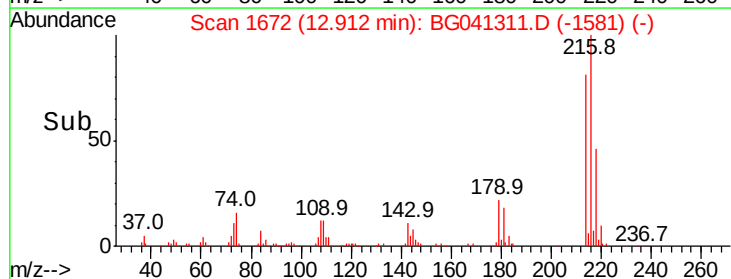
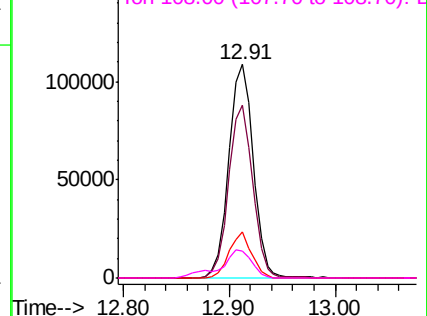
Abundance

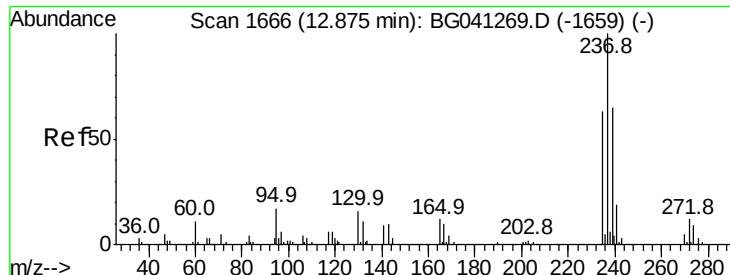
Ion 216.00 (215.70 to 216.70): E

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: 67.982 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

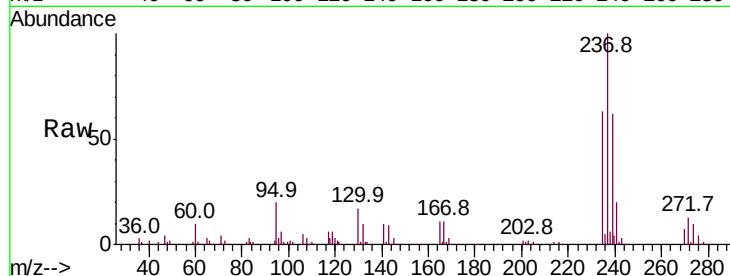
Tot Ion:237 Resp: 208759

Ion Ratio Lower Upper

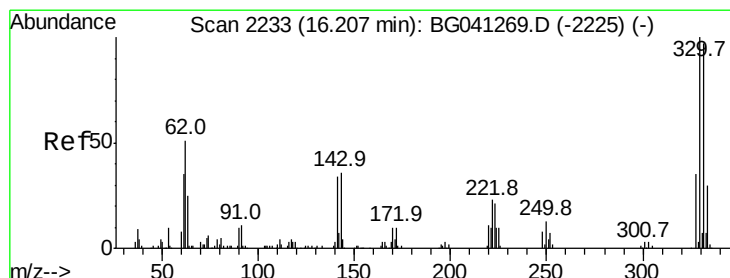
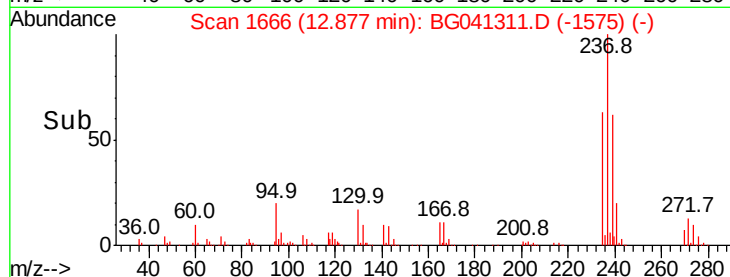
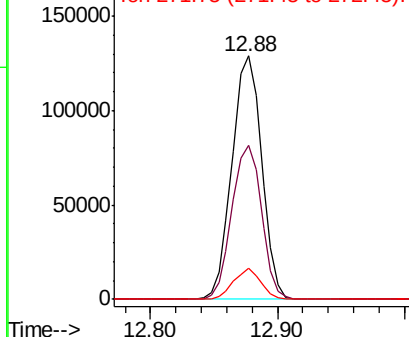
237 100

235 63.3 42.9 82.9

272 12.8 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: 128.368 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

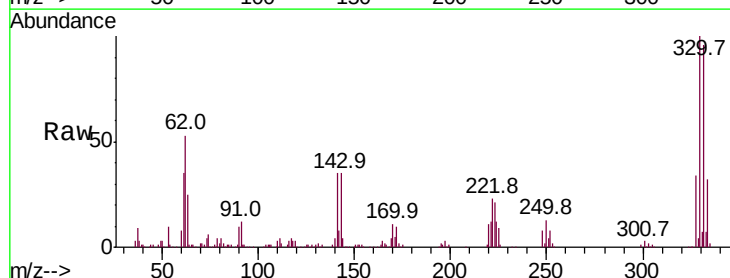
Tgt Ion:330 Resp: 217573

Ion Ratio Lower Upper

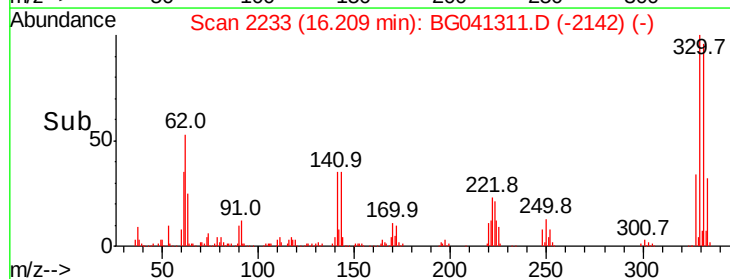
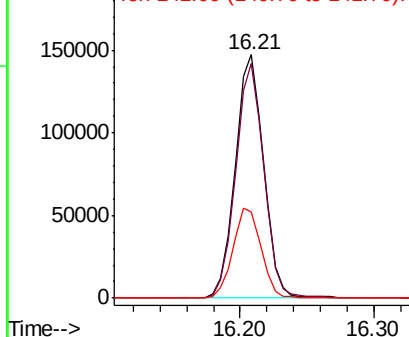
330 100

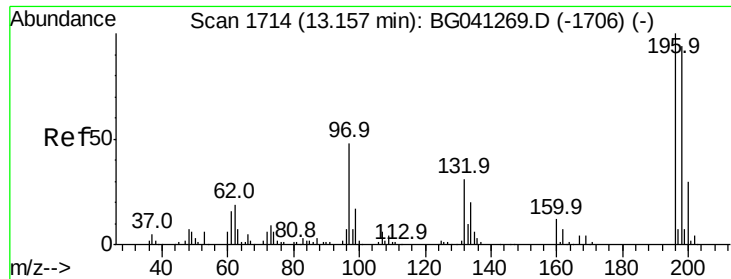
332 95.0 75.5 113.3

141 37.0 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

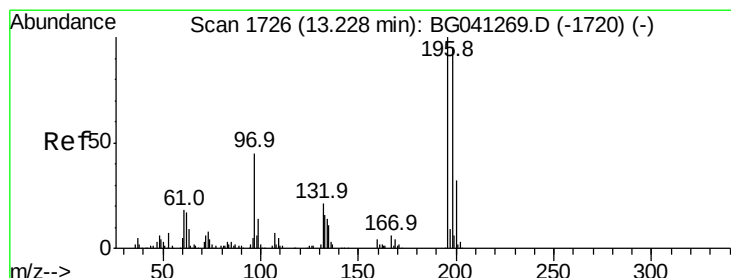
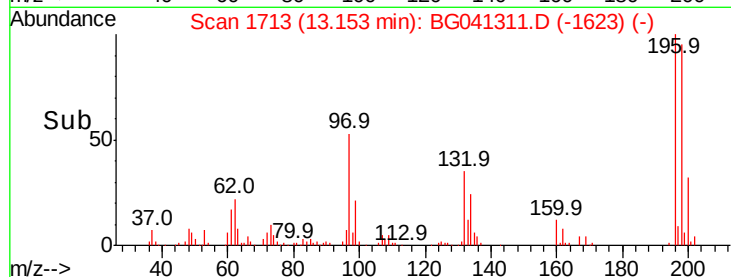
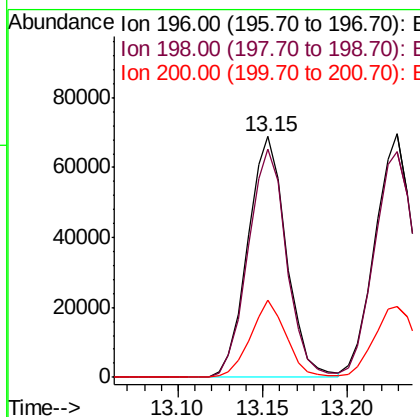
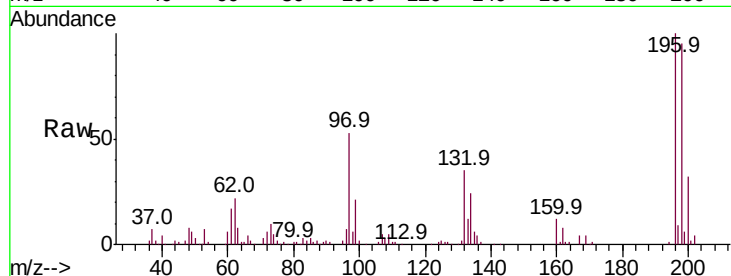




#43
 2,4,6-Trichlorophenol
 Concen: 38.765 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

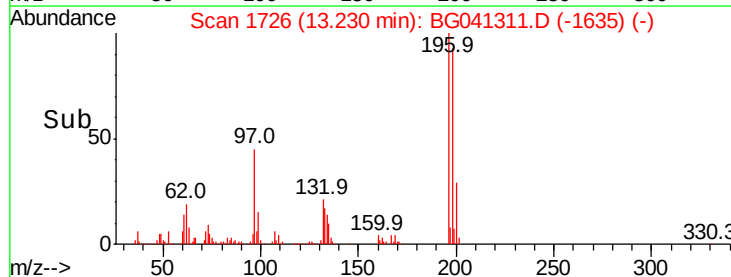
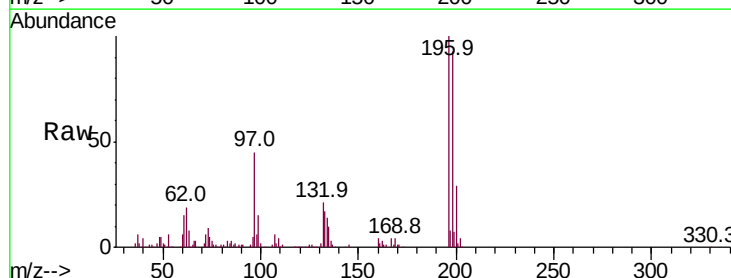
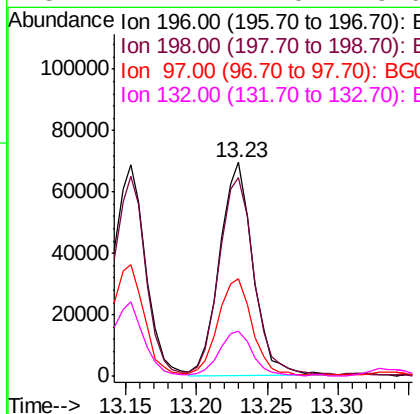
Instrument :
 BNA_G
 ClientSampled :

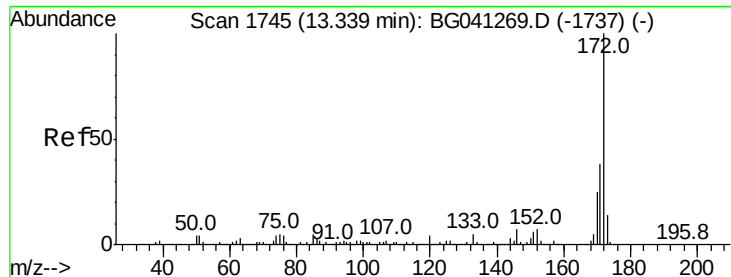
Tot Ion	196	Resp	109322
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.9	112.3
200	32.2	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.240 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	196	Resp	113866
Ion Ratio	Lower	Upper	
196	100		
198	93.0	76.1	114.1
97	45.3	35.9	53.9
132	21.2	17.0	25.6

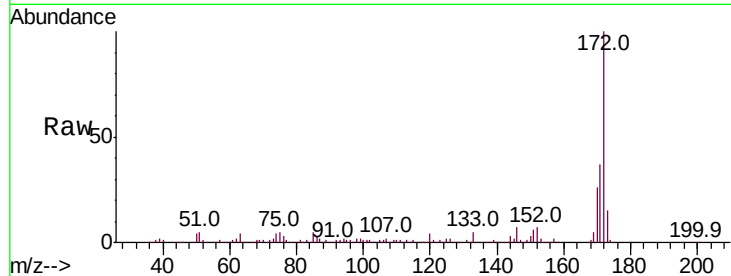




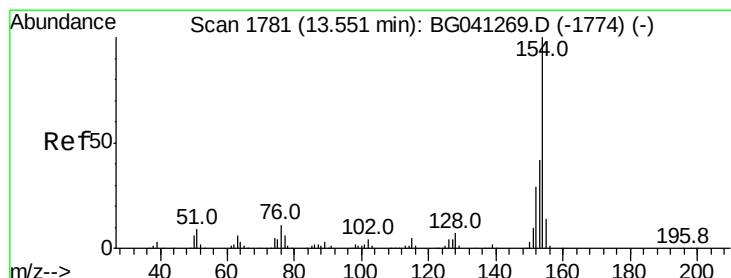
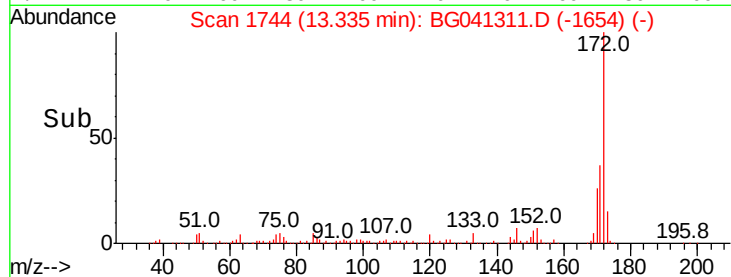
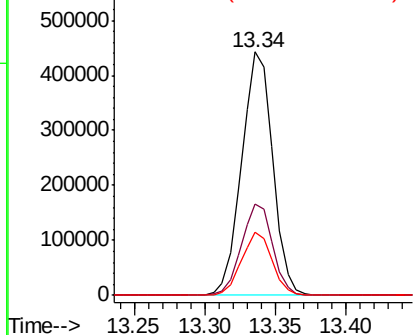
#45
2-Fluorobiphenyl
Concen: 83.976 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 682127
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 25.8 19.8 29.6

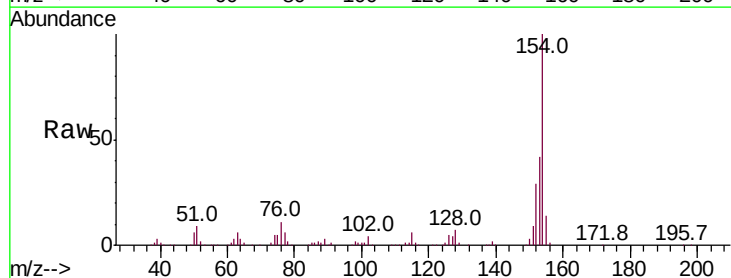


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

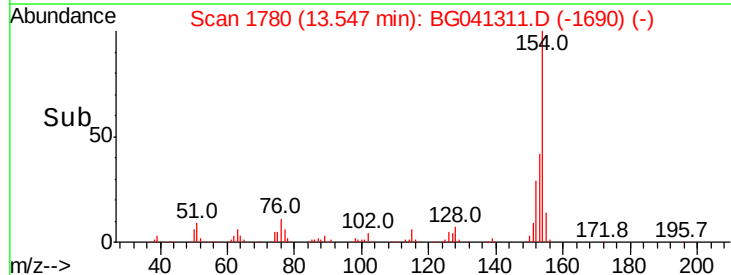
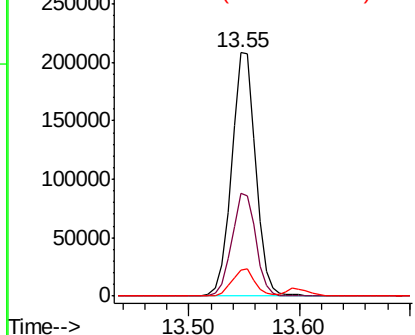


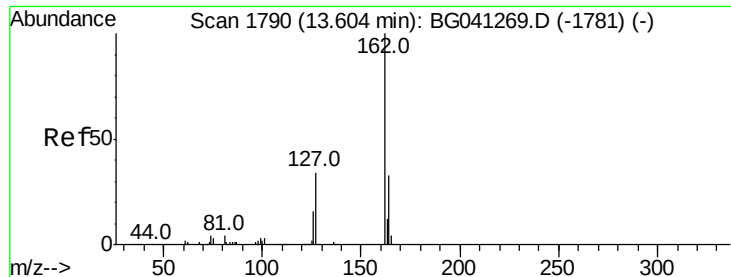
#46
1,1'-Biphenyl
Concen: 38.126 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:154 Resp: 318212
Ion Ratio Lower Upper
154 100
153 42.2 22.3 62.3
76 10.8 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: 36.491 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

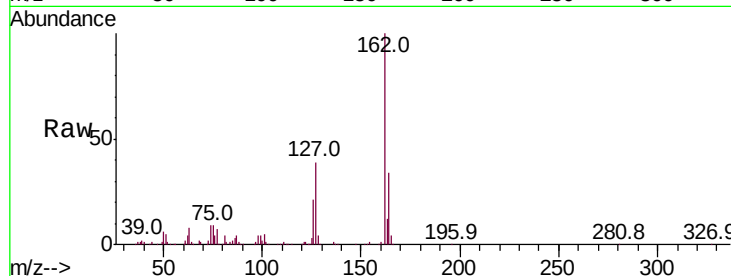
Tot Ion:162 Resp: 262217

Ion Ratio Lower Upper

162 100

127 38.9 31.0 46.4

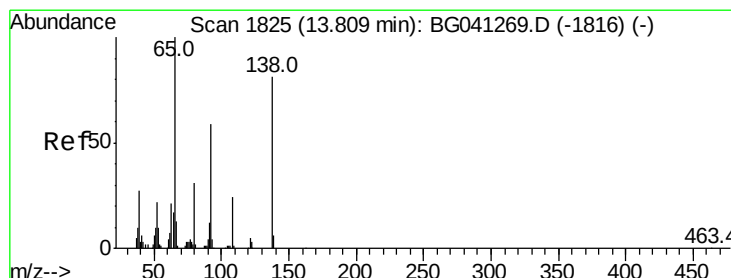
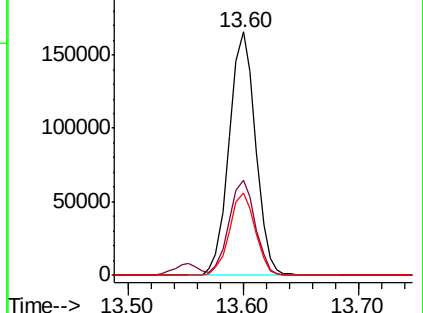
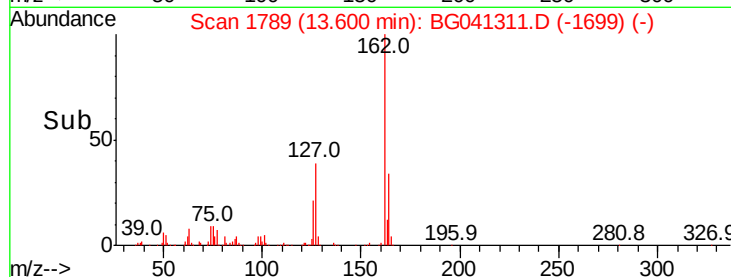
164 33.9 26.1 39.1



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: 35.289 ng

RT: 13.81 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

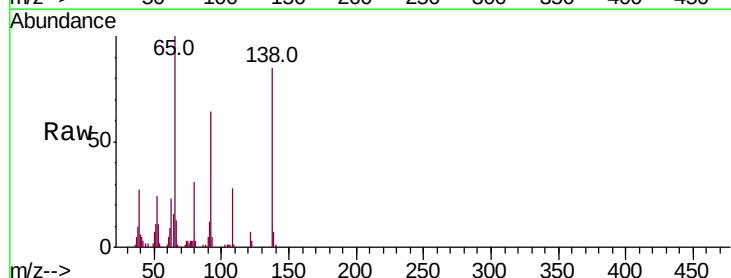
Tgt Ion: 65 Resp: 92869

Ion Ratio Lower Upper

65 100

92 64.1 47.4 71.2

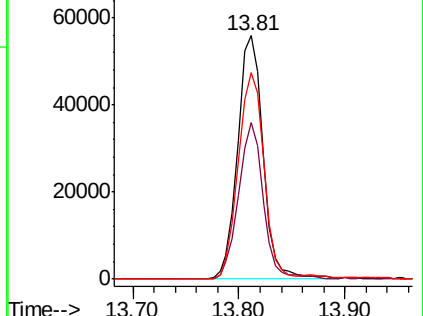
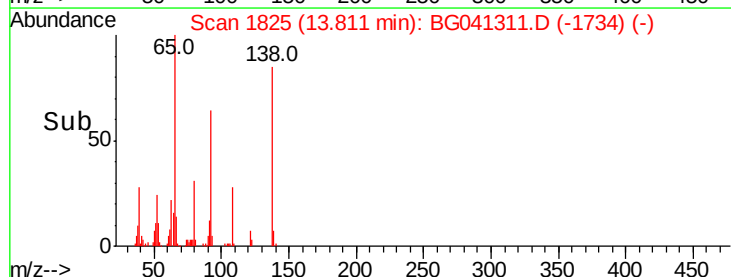
138 85.0 64.7 97.1

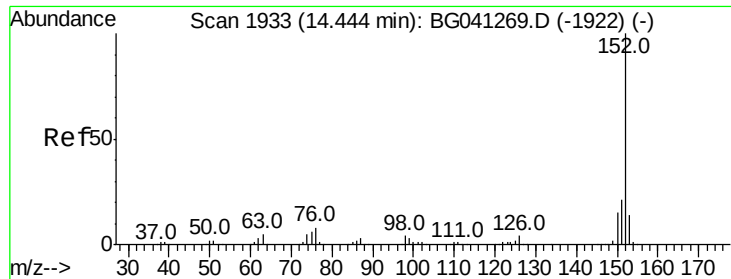


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.657 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

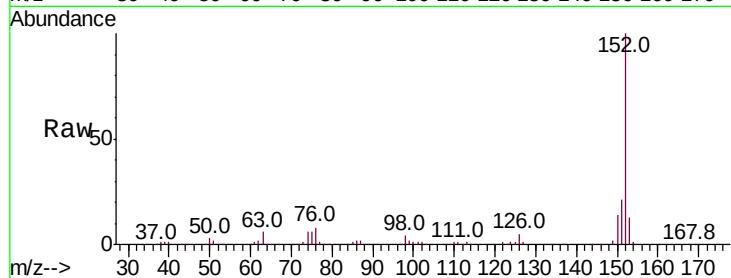
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 410611

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	12.9	10.8	16.2

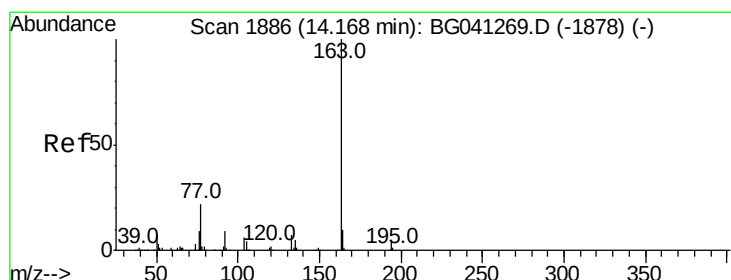
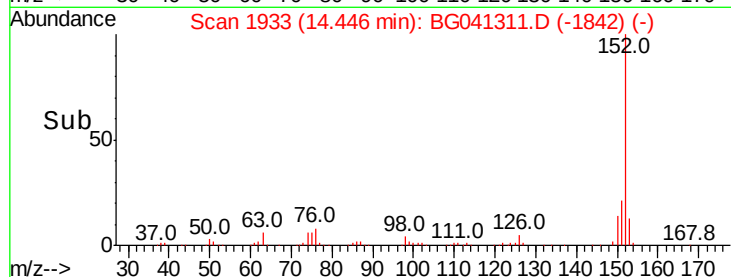
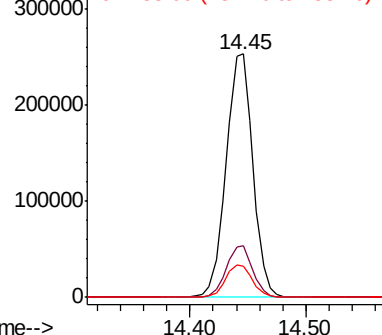


Abundance

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: 41.941 ng

RT: 14.16 min Scan# 1885

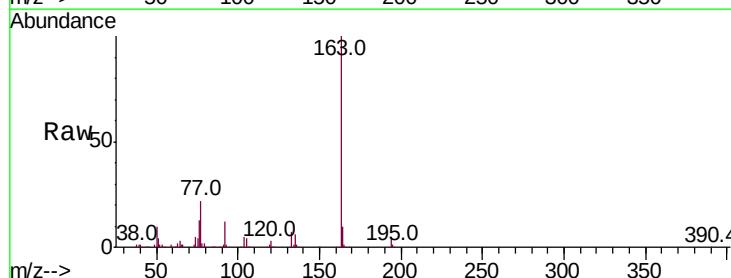
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:163 Resp: 411994

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.9	5.9
164	10.3	8.3	12.5

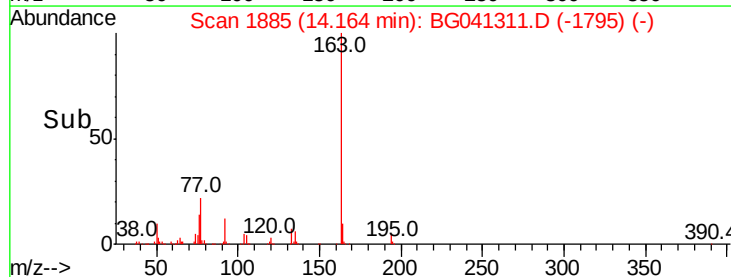
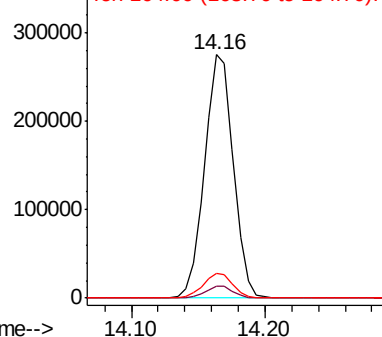


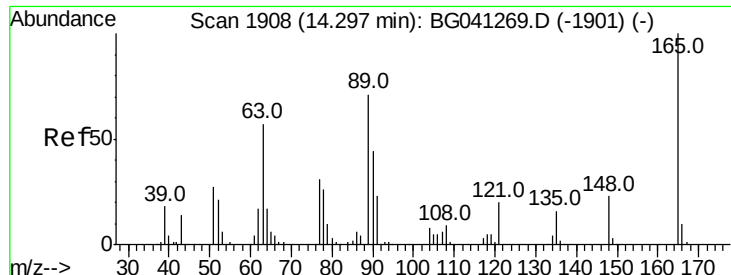
Abundance

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

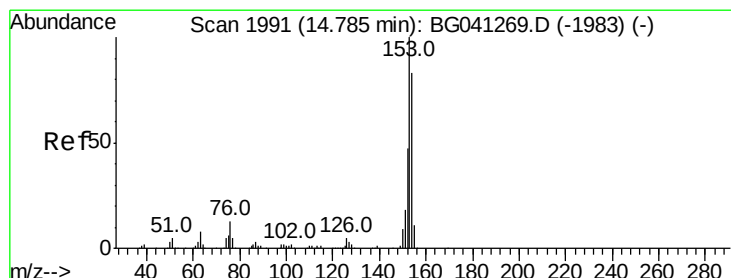
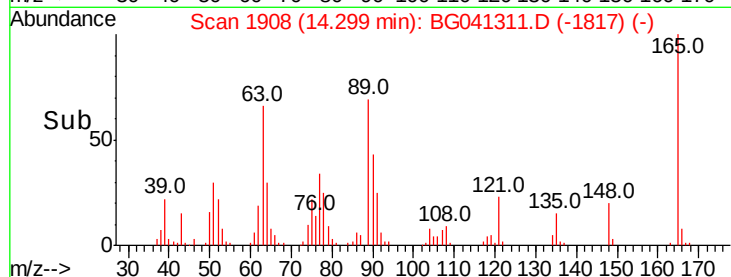
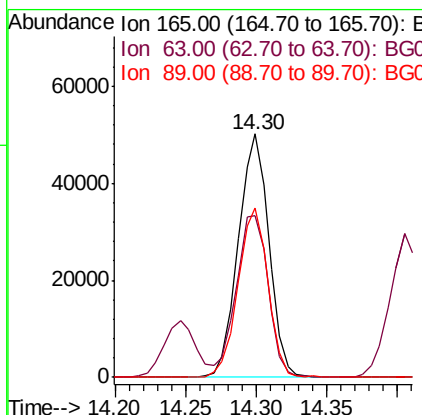
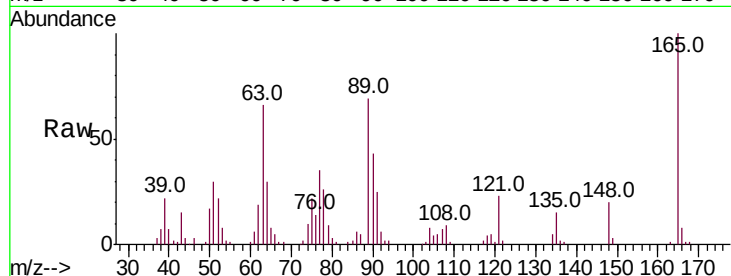




#51
 2,6-Dinitrotoluene
 Concen: 36.706 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

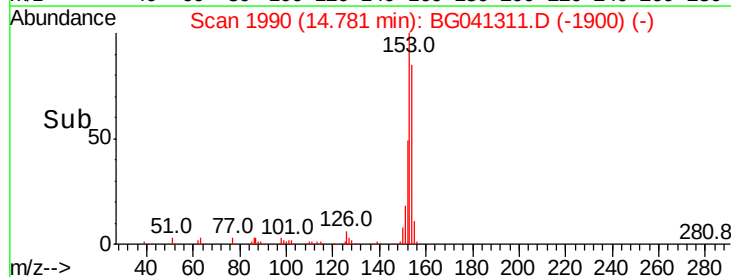
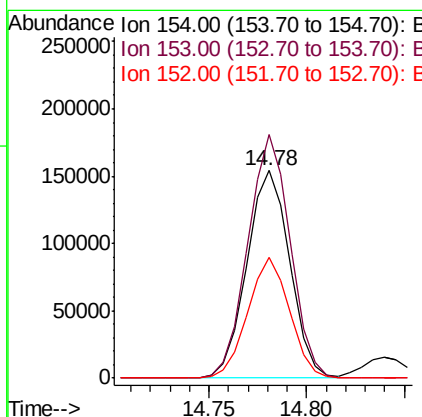
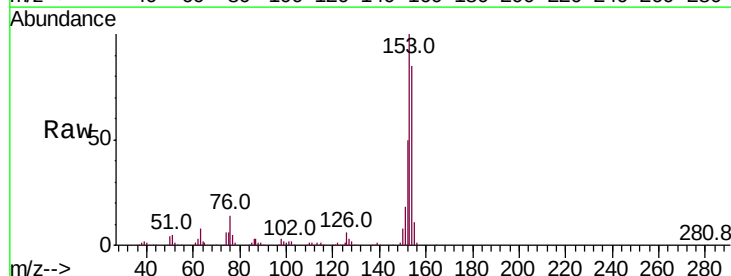
Instrument :
 BNA_G
 ClientSampled :

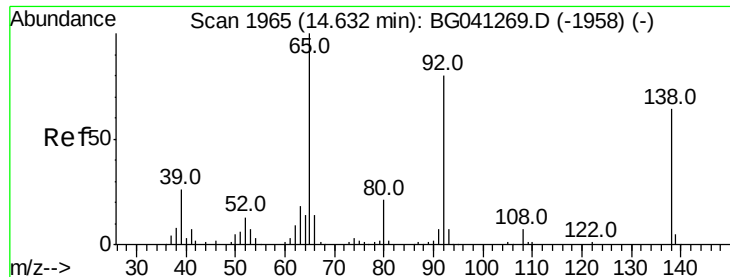
Tot Ion:165 Resp: 76028
 Ion Ratio Lower Upper
 165 100
 63 66.4 55.4 83.0
 89 69.4 56.5 84.7



#52
 Acenaphthene
 Concen: 36.670 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:154 Resp: 234799
 Ion Ratio Lower Upper
 154 100
 153 117.3 96.6 145.0
 152 58.3 45.5 68.3





#53

3-Nitroaniline

Concen: 23.041 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

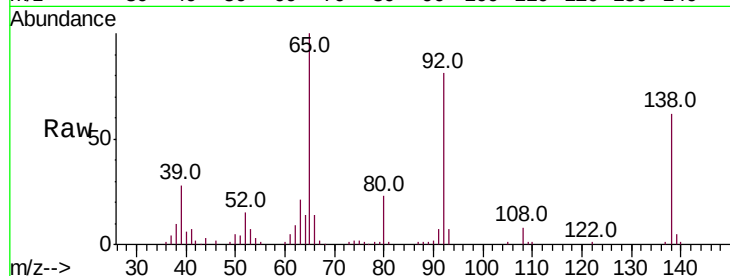
Tot Ion:138 Resp: 47019

Ion Ratio Lower Upper

138 100

108 12.2 8.3 12.5

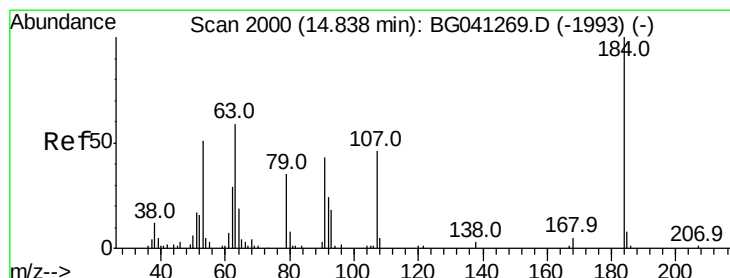
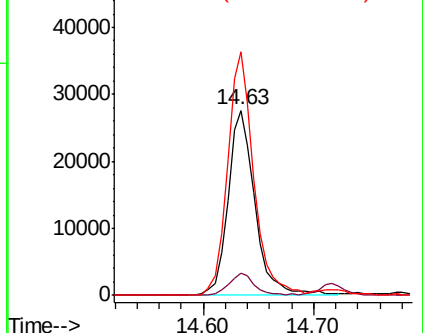
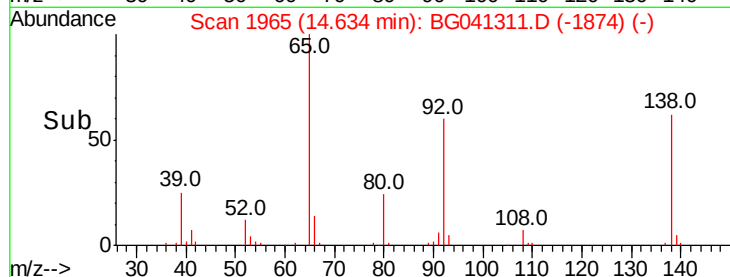
92 131.6 100.2 150.4



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: 31.923 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

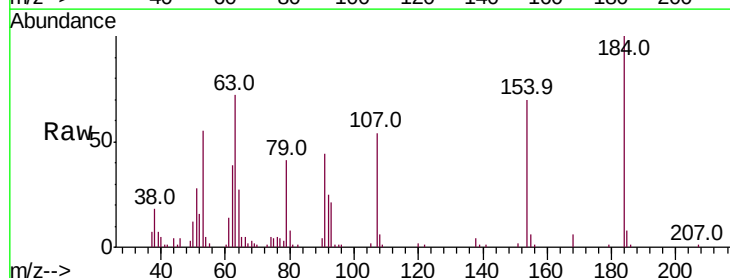
Tgt Ion:184 Resp: 42927

Ion Ratio Lower Upper

184 100

63 71.5 60.0 90.0

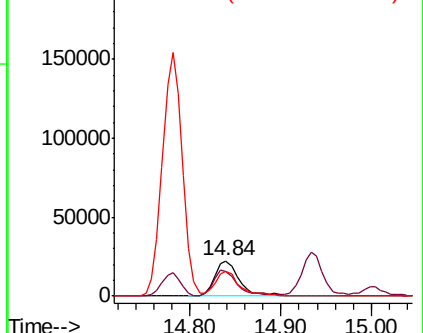
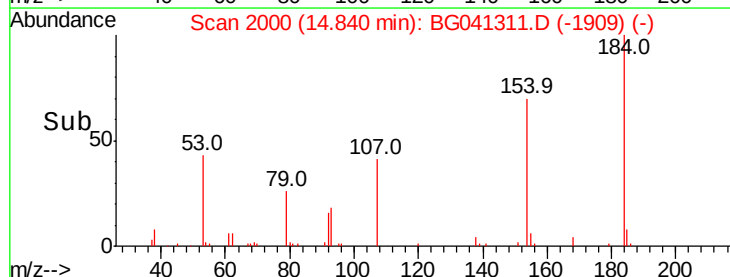
154 69.6 58.3 87.5

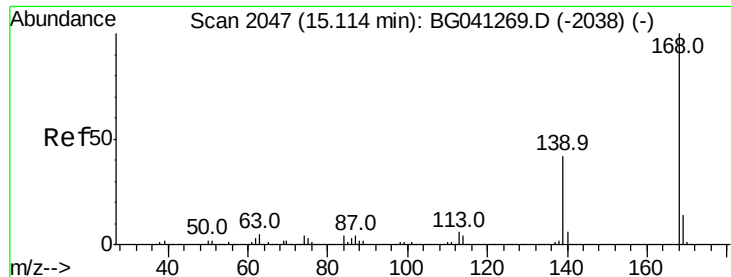


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

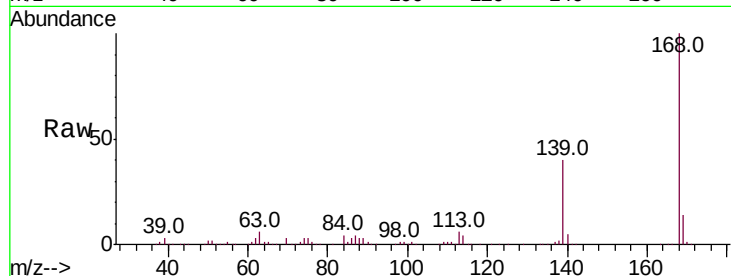




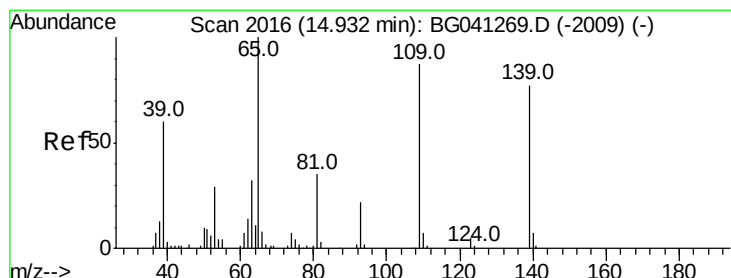
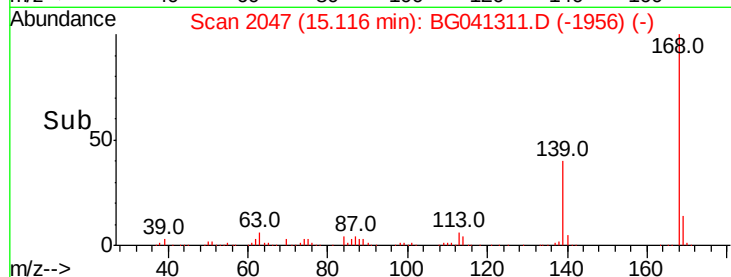
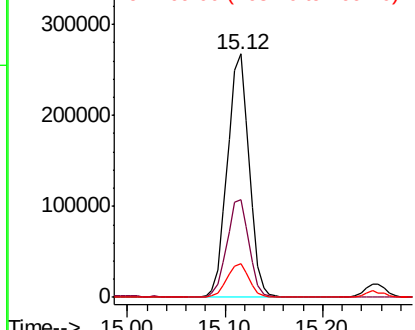
#55
Dibenzenofuran
Concen: 37.135 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 413407
Ion Ratio Lower Upper
168 100
139 40.4 33.6 50.4
169 13.6 10.8 16.2

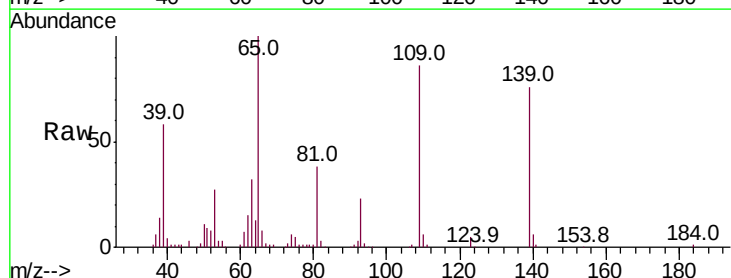


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

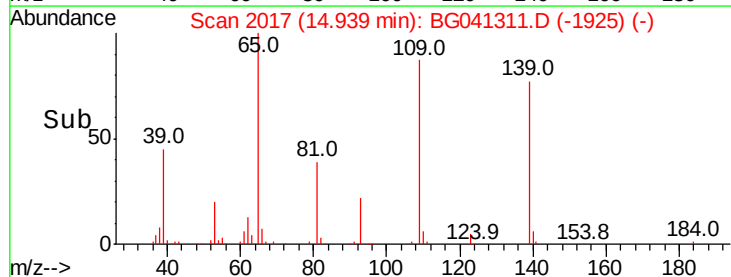
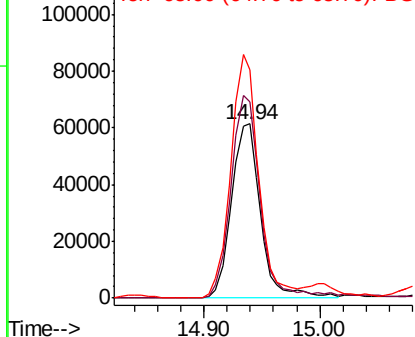


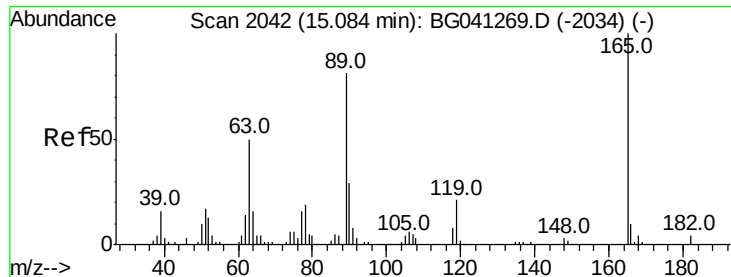
#56
4-Nitrophenol
Concen: 70.014 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:139 Resp: 107892
Ion Ratio Lower Upper
139 100
109 112.6 93.2 133.2
65 131.2 110.2 150.2



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): BG





#57

2,4-Dinitrotoluene

Concen: 34.996 ng

RT: 15.09 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 105959

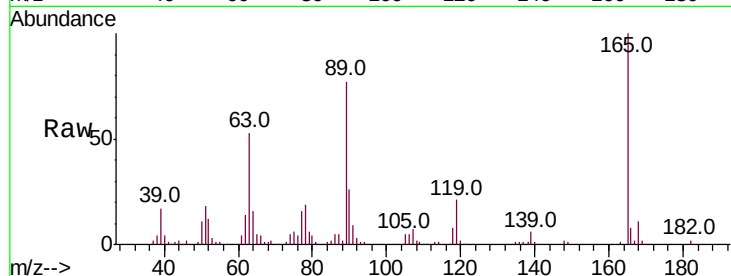
Ion Ratio Lower Upper

165 100

63 53.2 40.0 60.0

89 76.7 64.6 96.8

182 2.4 2.9 4.3#



Abundance

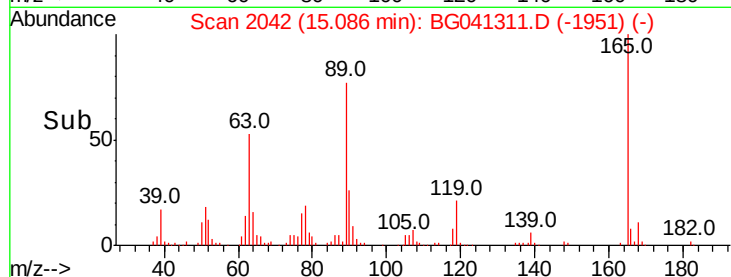
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

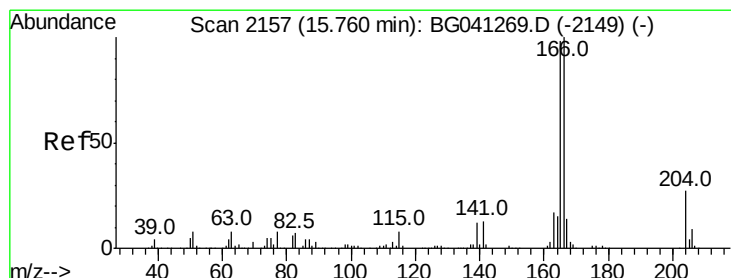
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#58

Fluorene

Concen: 36.667 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

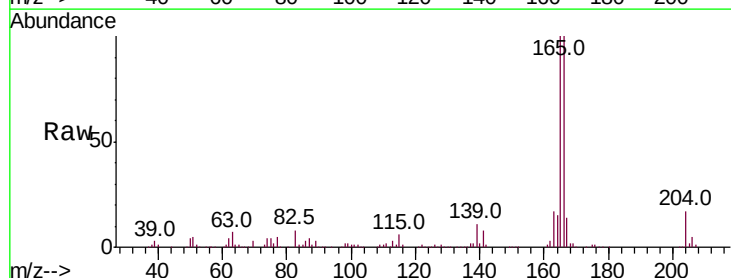
Tgt Ion:166 Resp: 321106

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

167 14.5 11.3 16.9



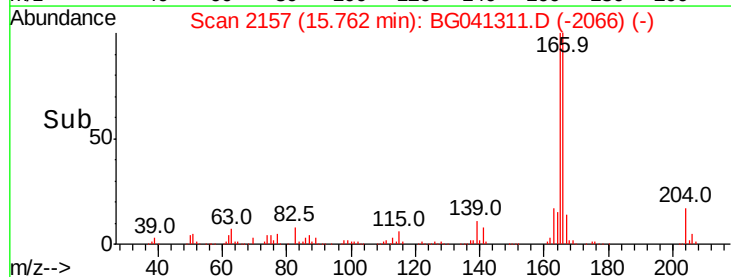
Abundance

Ion 166.00 (165.70 to 166.70): E

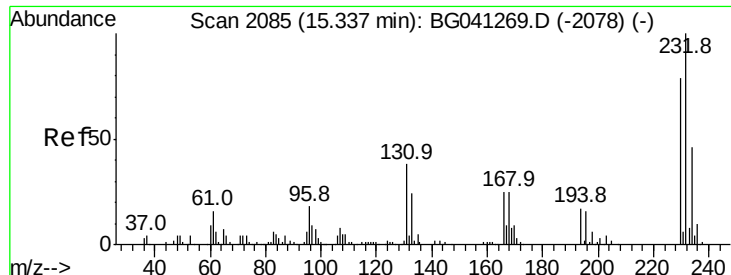
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



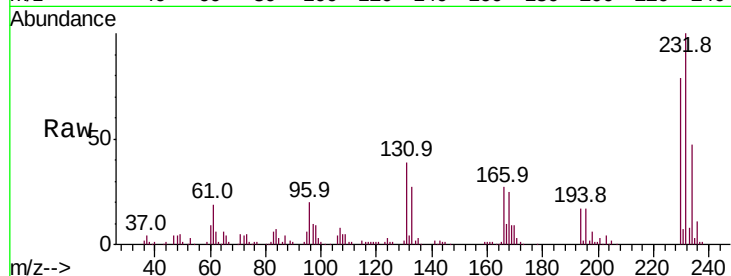
Time-->



#59
2,3,4,6-Tetrachlorophenol
Concen: 37.454 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	29.0	43.6
130	2.4	1.6	2.4
166	26.5	21.0	31.4



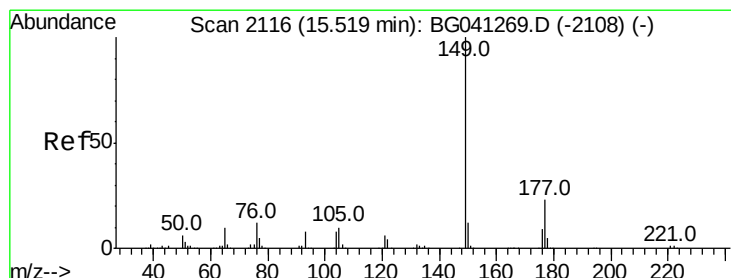
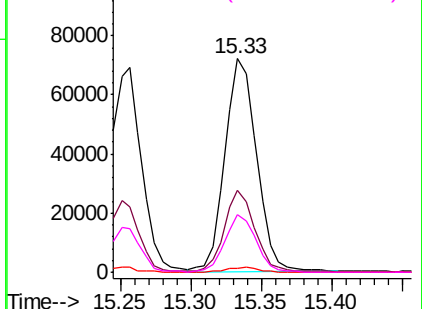
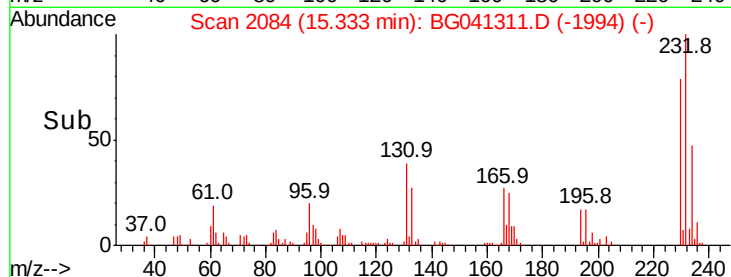
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

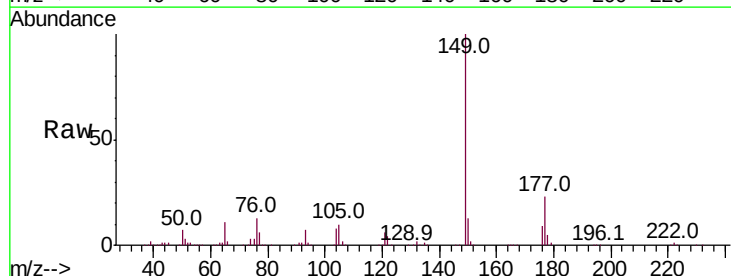
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.373 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.9	9.9	14.9

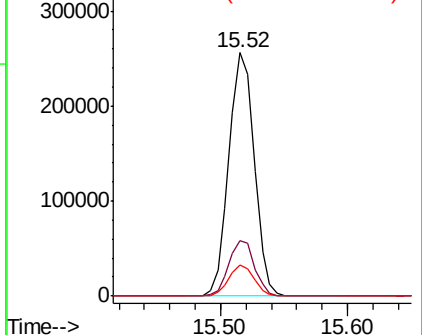
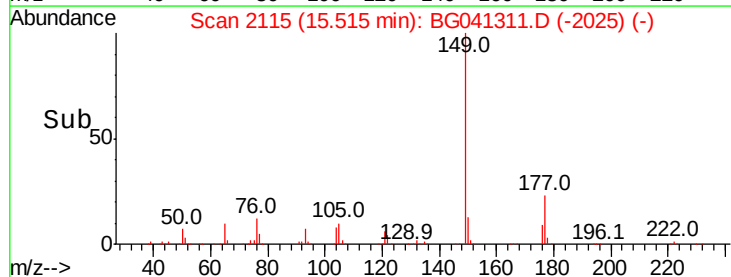


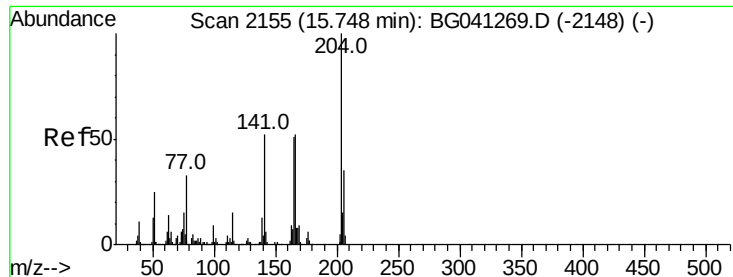
Abundance

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

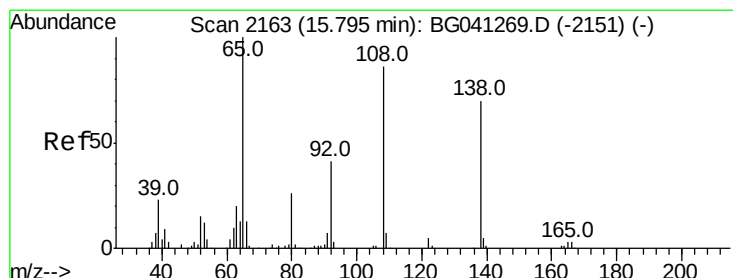
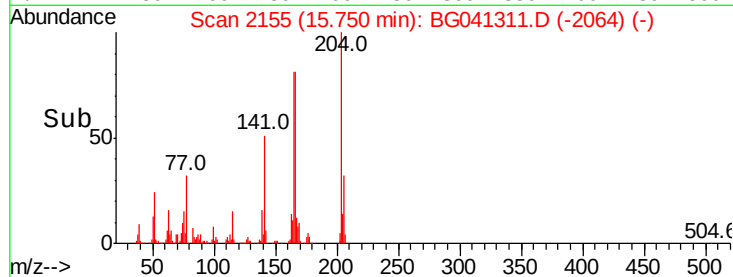
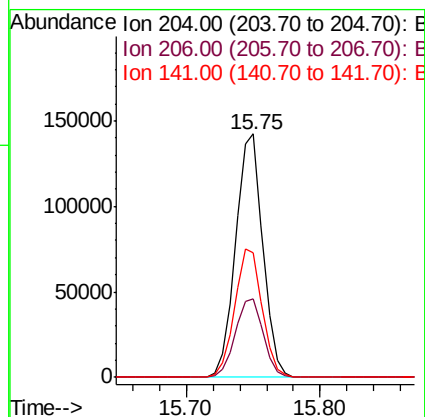
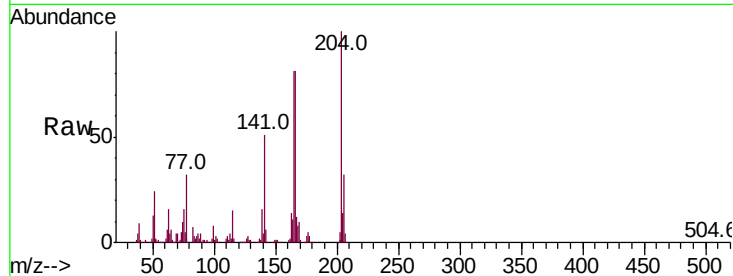




#61
4-Chlorophenyl-phenylether
Concen: 35.416 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

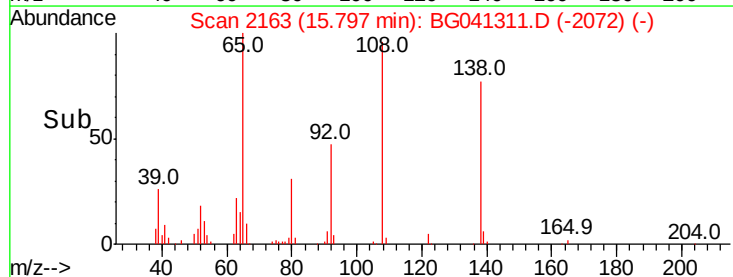
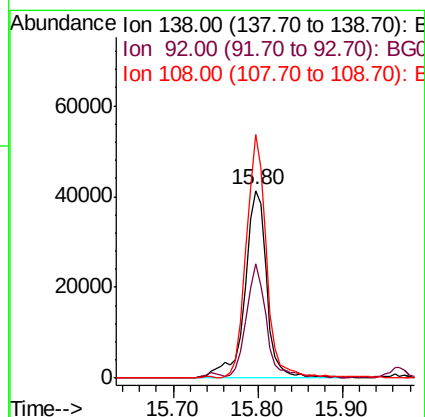
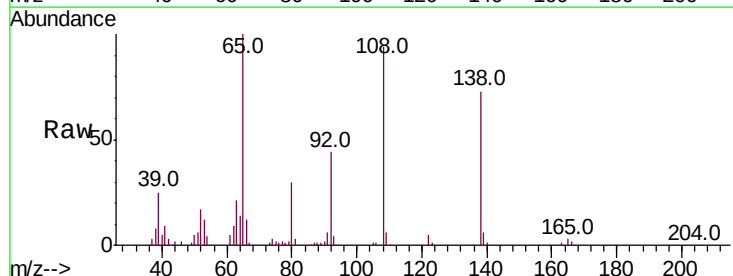
Instrument :
BNA_G
ClientSampleId :

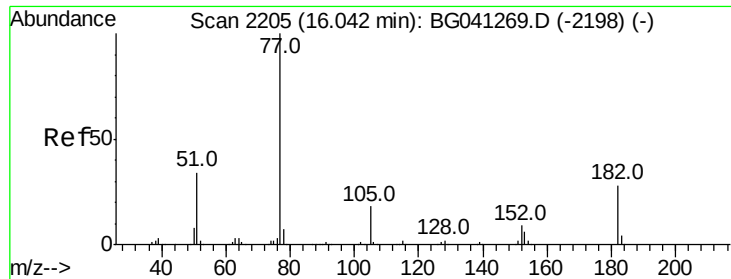
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.9	41.9
141	51.0	41.4	62.0



#62
4-Nitroaniline
Concen: 34.024 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	38.8	78.8
108	129.6	103.4	143.4

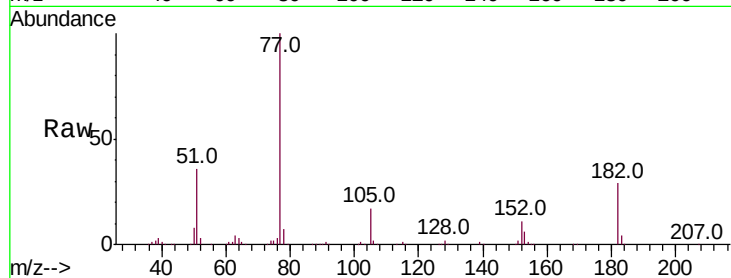




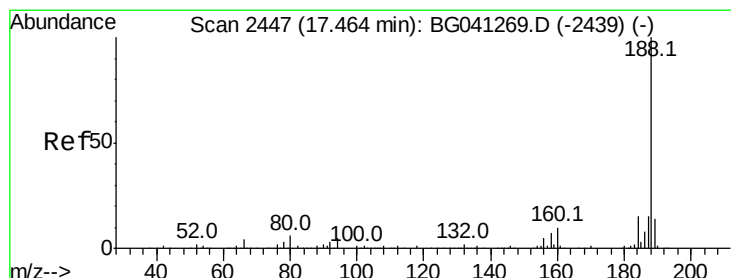
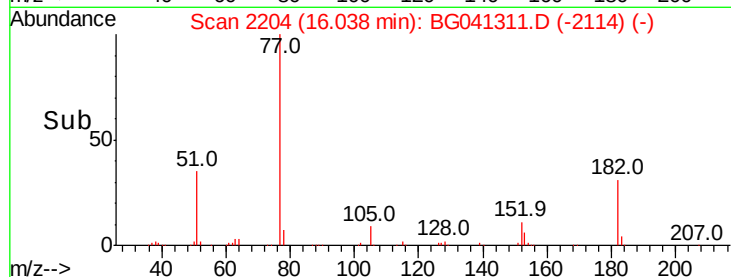
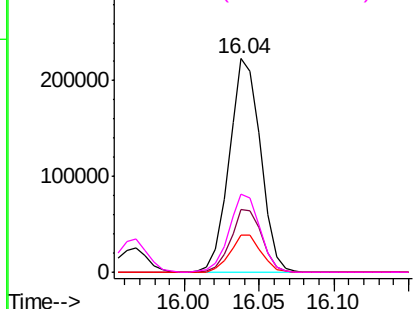
#63
Azobenzene
Concen: 36.529 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 325379
Ion Ratio Lower Upper
77 100
182 29.5 7.5 47.5
105 17.5 0.0 37.7
51 36.4 14.6 54.6

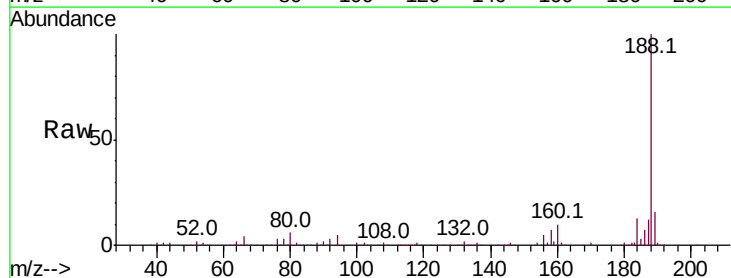


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

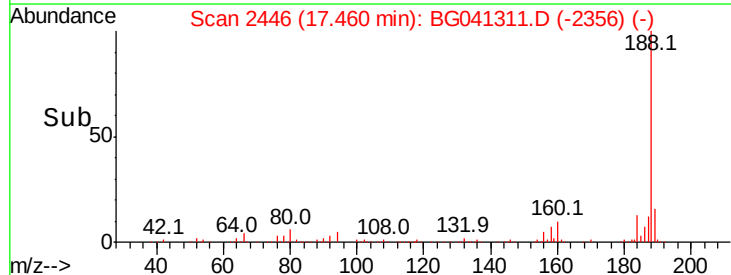
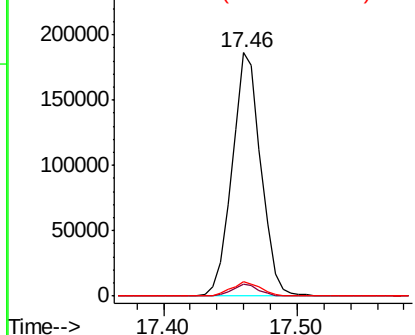


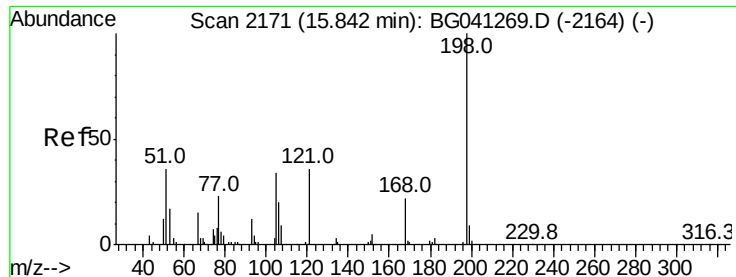
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion: 188 Resp: 278503
Ion Ratio Lower Upper
188 100
94 4.9 3.6 5.4
80 6.1 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.572 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

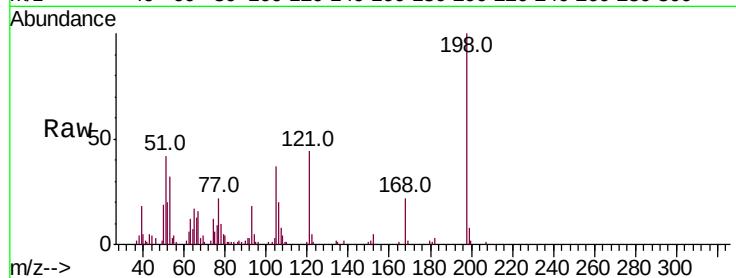
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 55265

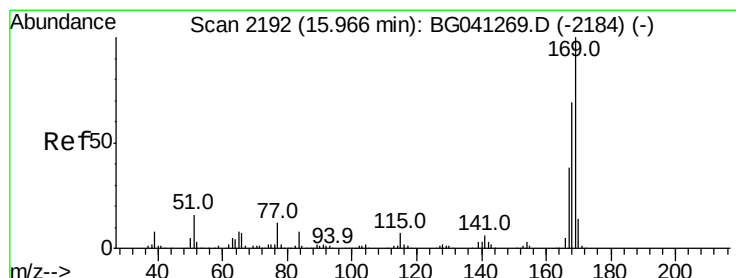
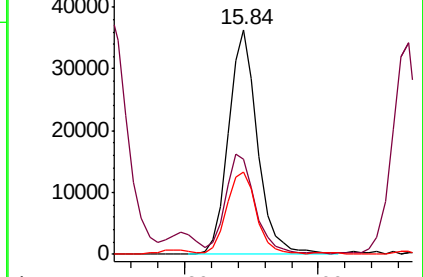
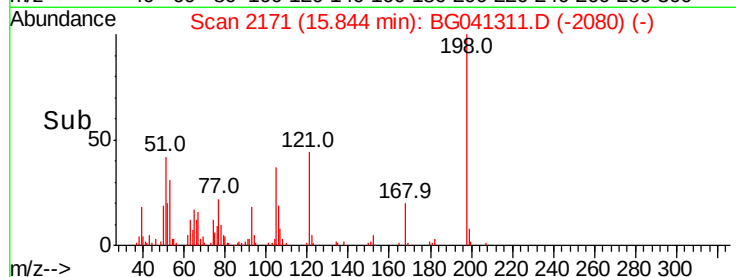
Ion	Ratio	Lower	Upper
198	100		
51	42.2	23.4	63.4
105	36.6	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.479 ng

RT: 15.97 min Scan# 2192

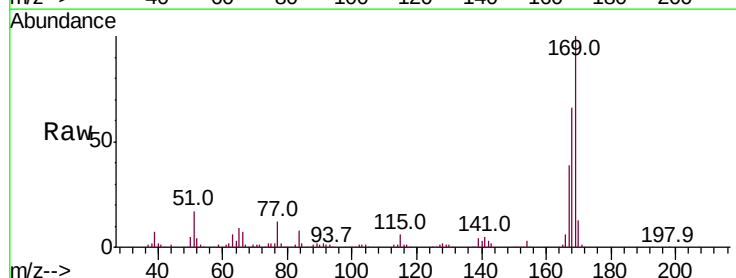
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:169 Resp: 284550

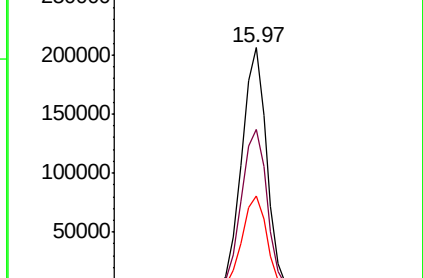
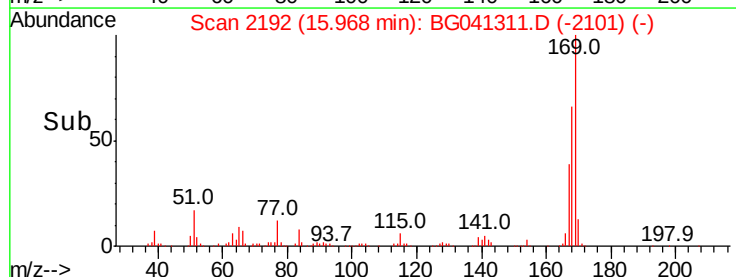
Ion	Ratio	Lower	Upper
169	100		
168	66.2	55.2	82.8
167	39.0	30.4	45.6

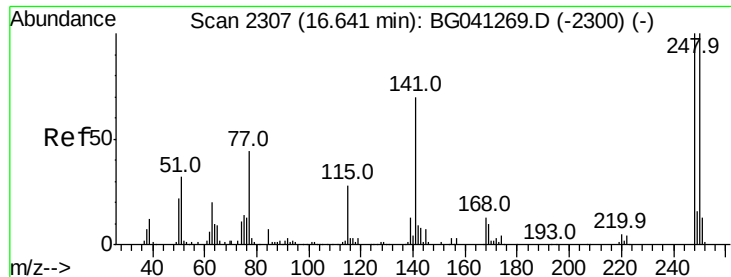


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

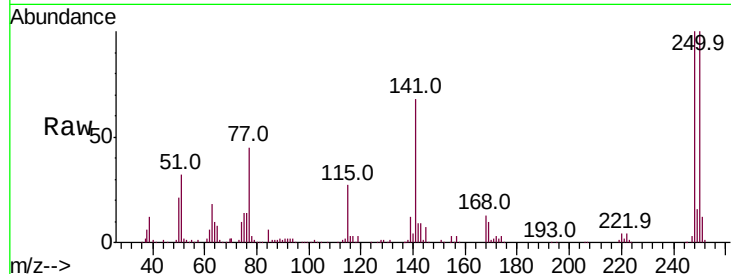




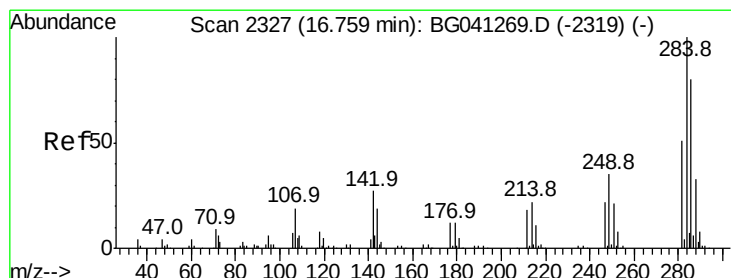
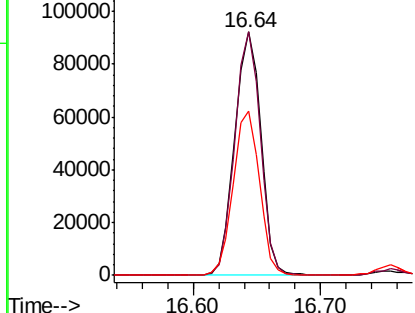
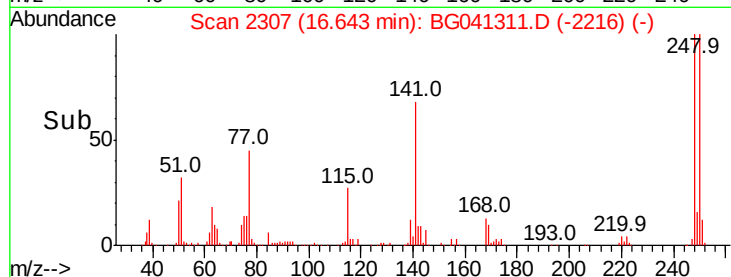
#67
 4-Bromophenyl-phenylether
 Concen: 36.682 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 132096
 Ion Ratio Lower Upper
 248 100
 250 100.0 79.8 119.8
 141 67.7 55.8 83.6

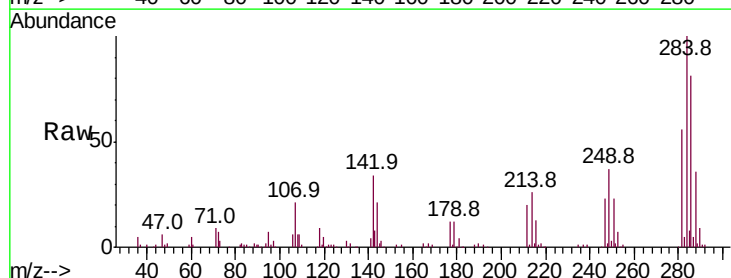


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

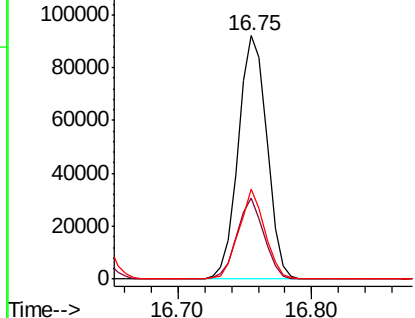
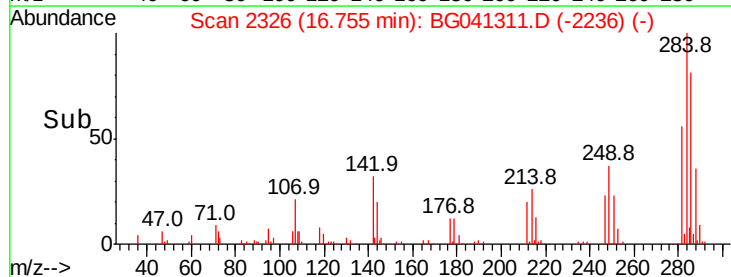


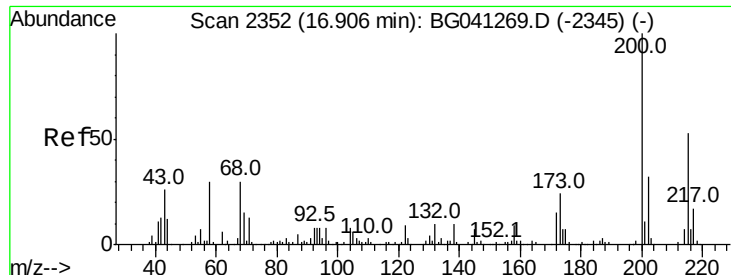
#68
 Hexachlorobenzene
 Concen: 35.366 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:284 Resp: 136378
 Ion Ratio Lower Upper
 284 100
 142 33.5 21.8 32.8#
 249 36.9 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

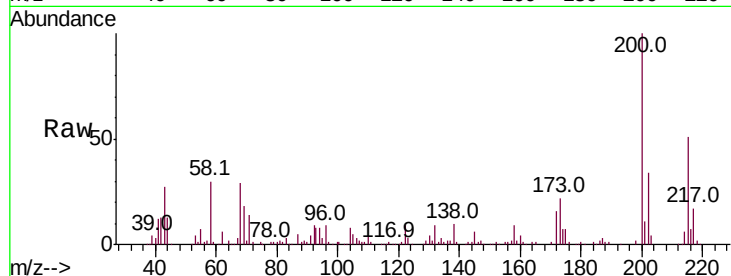




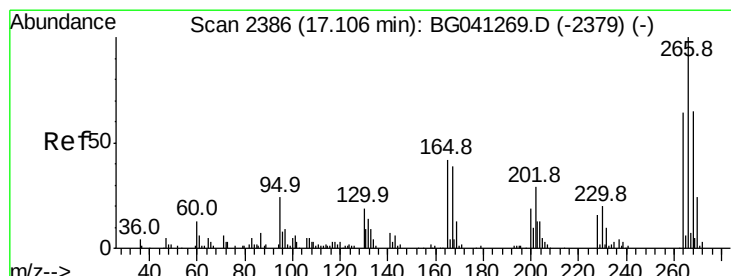
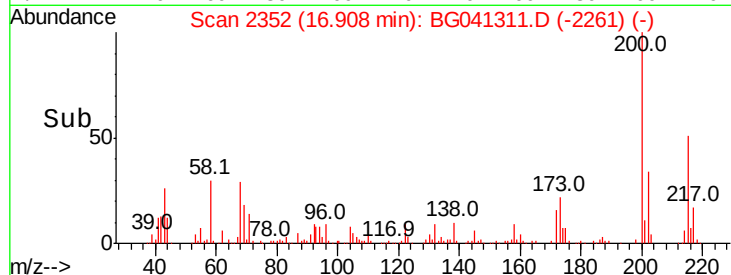
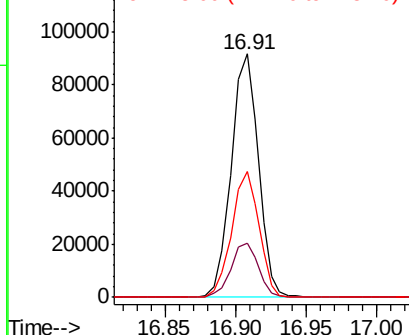
#69
 Atrazine
 Concen: 48.631 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	4.0	44.0
215	51.5	33.4	73.4

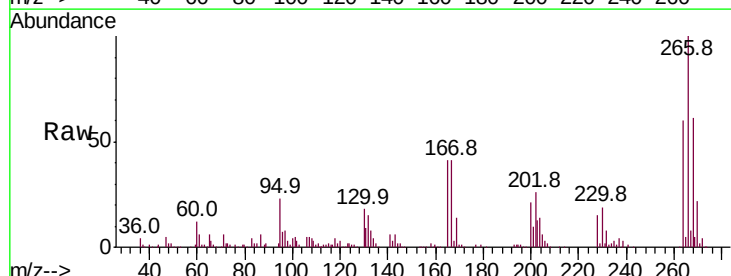


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

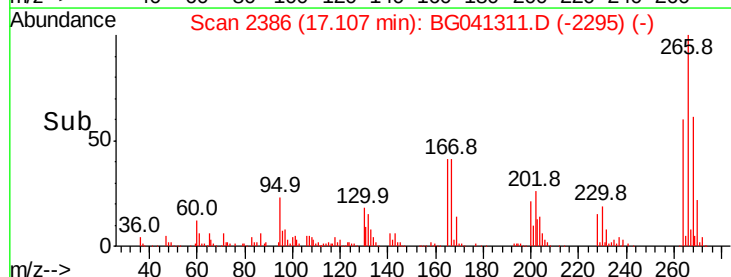
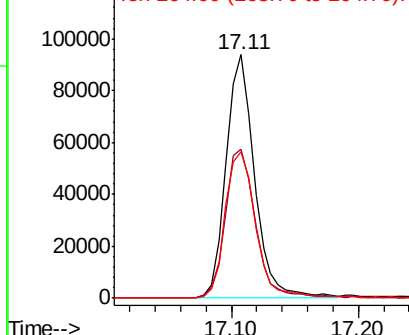


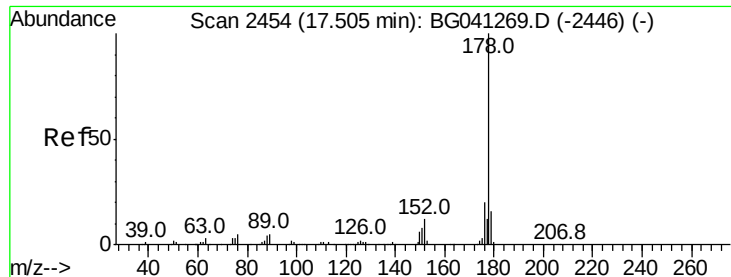
#70
 Pentachlorophenol
 Concen: 74.231 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.0	78.0
264	60.1	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

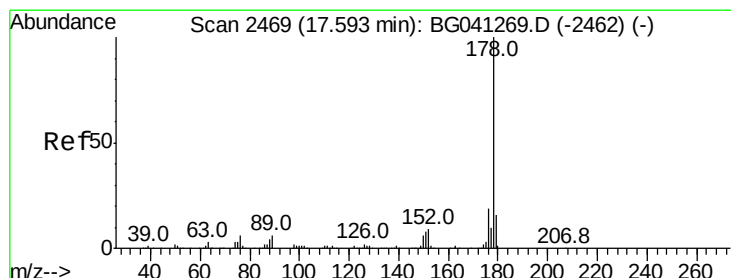
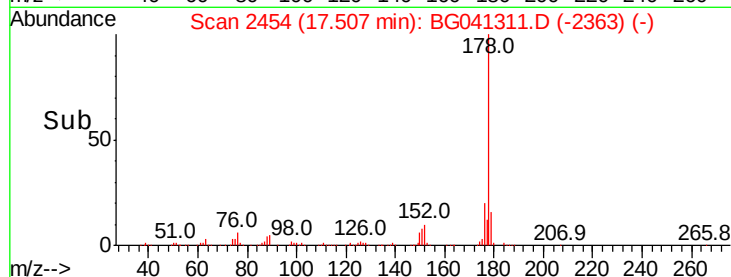
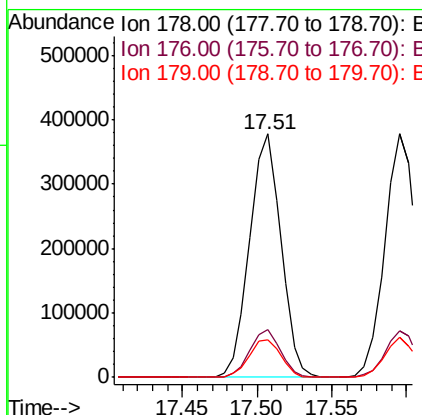
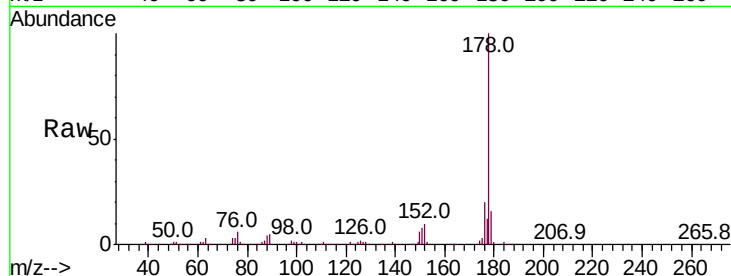




#71
Phenanthrene
Concen: 37.044 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

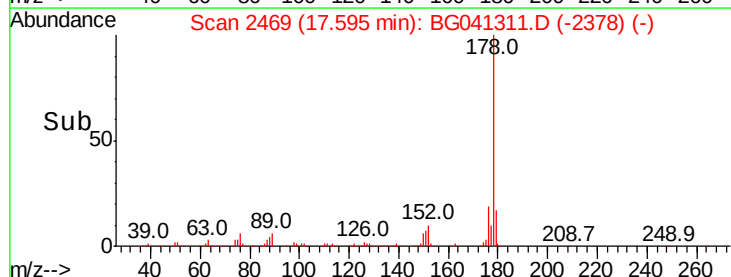
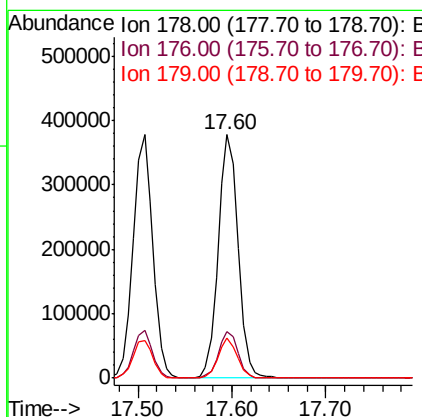
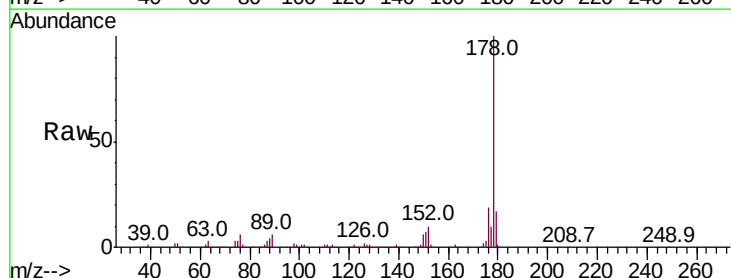
Instrument :
BNA_G
ClientSampleId :

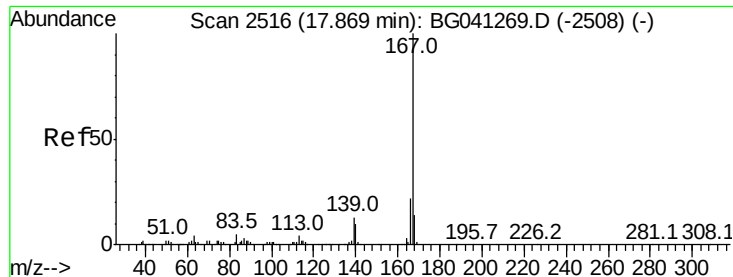
Tot Ion:178 Resp: 550241
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.6 12.9 19.3



#72
Anthracene
Concen: 38.141 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:178 Resp: 558518
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.6 13.0 19.4





#73

Carbazole

Concen: 37.033 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

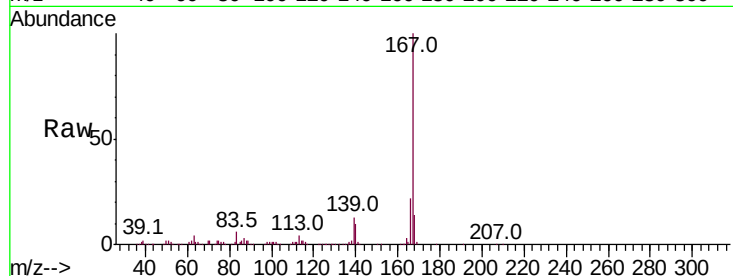
Tot Ion:167 Resp: 474397

Ion Ratio Lower Upper

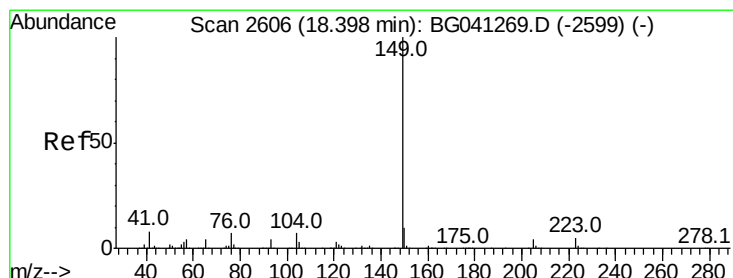
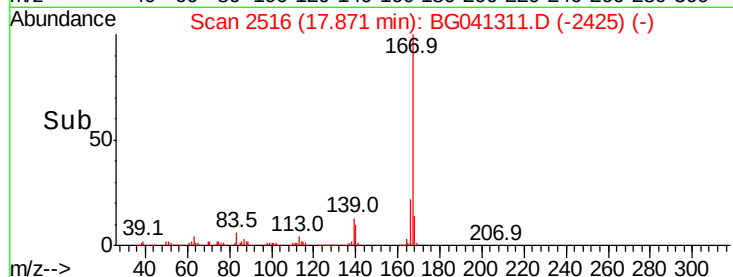
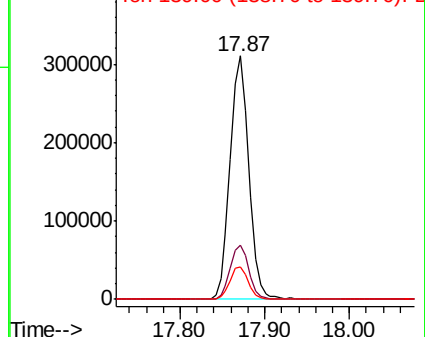
167 100

166 22.2 17.9 26.9

139 13.3 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: 35.544 ng

RT: 18.40 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

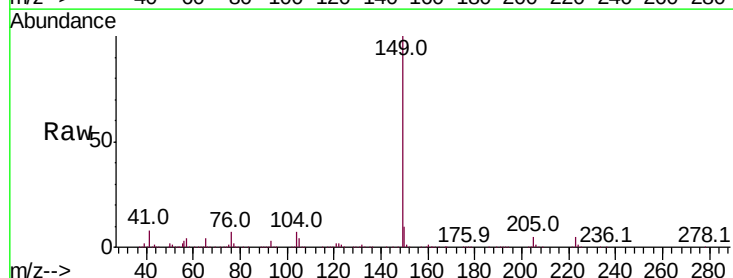
Tgt Ion:149 Resp: 568118

Ion Ratio Lower Upper

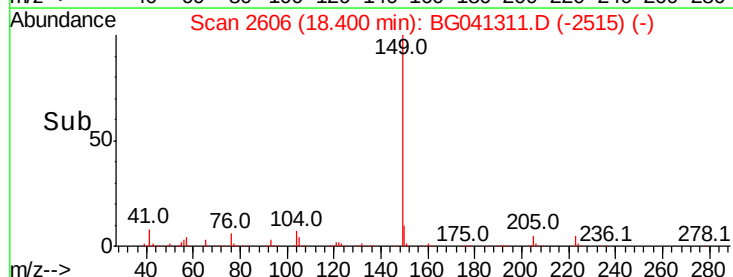
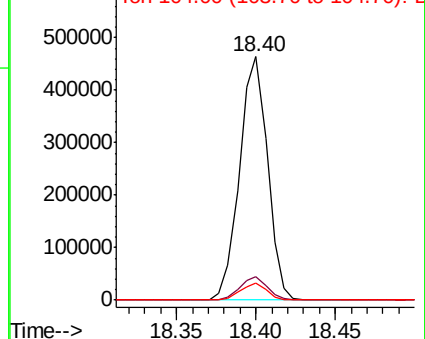
149 100

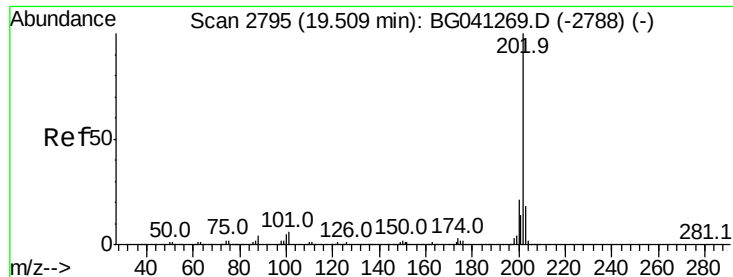
150 9.6 8.1 12.1

104 6.8 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: 36.641 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

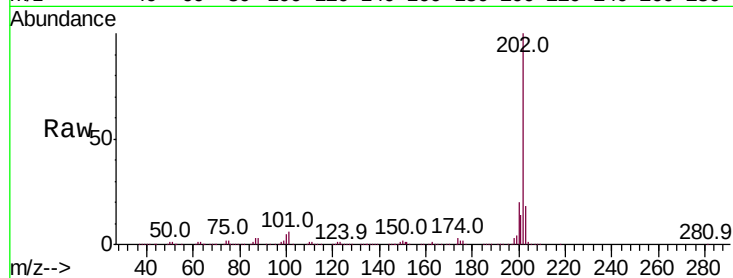
Tot Ion:202 Resp: 723049

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.0

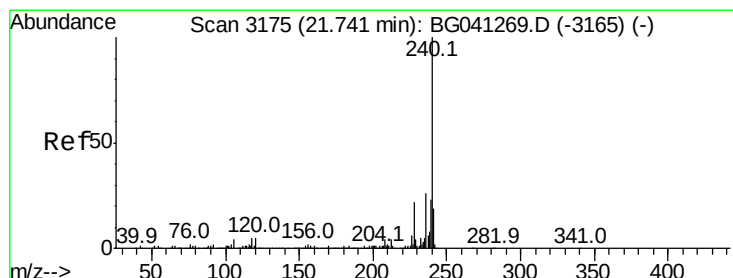
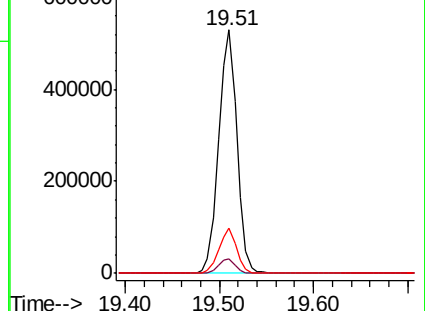
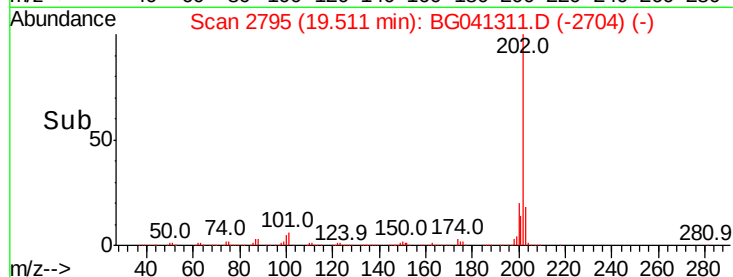
203 18.4 0.0 37.7



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: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

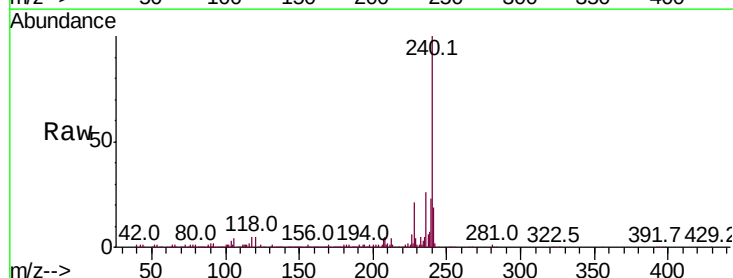
Tgt Ion:240 Resp: 276044

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

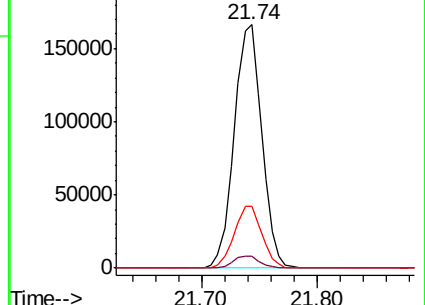
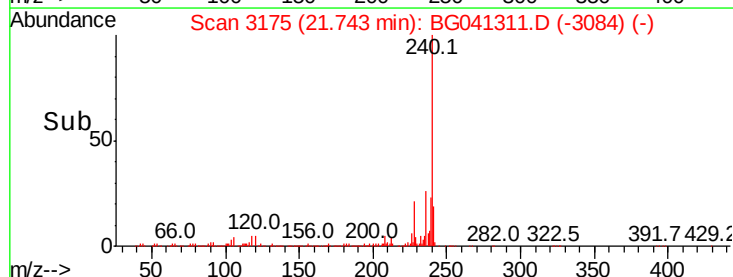
236 25.5 21.1 31.7

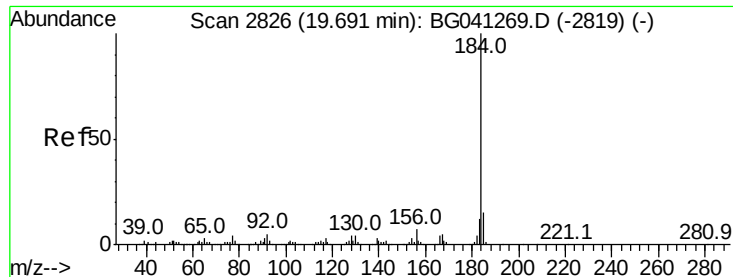


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.914 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

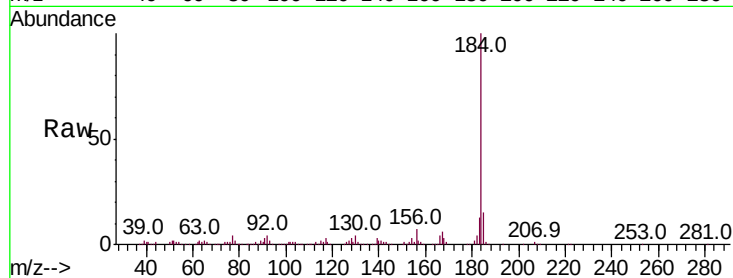
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 286528

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	12.8	9.6	14.4

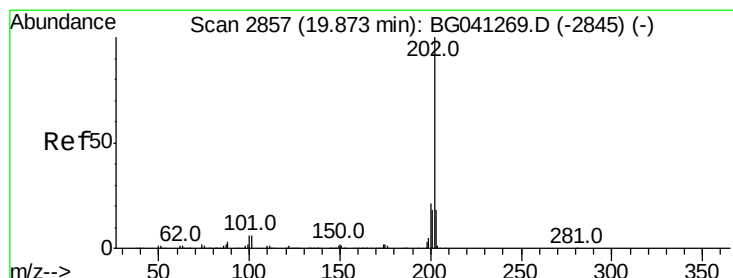
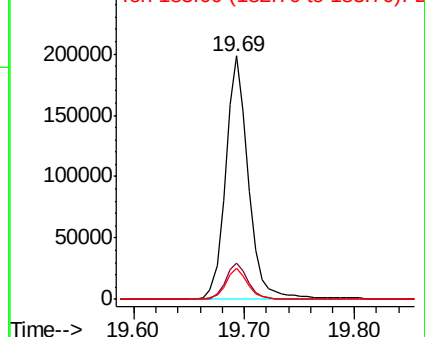
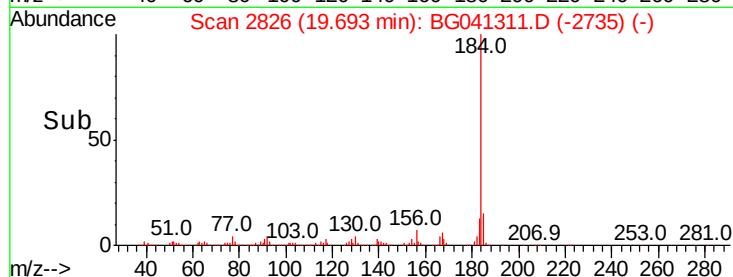


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.470 ng

RT: 19.87 min Scan# 2857

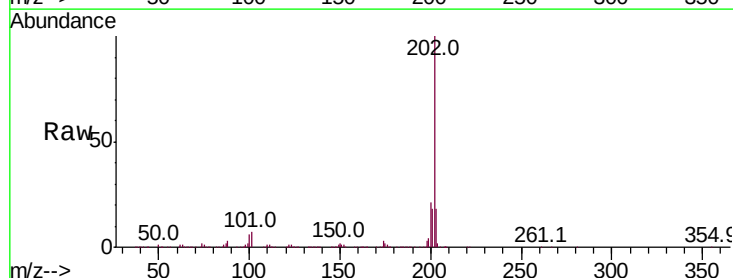
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:202 Resp: 734790

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.3	14.6	21.8

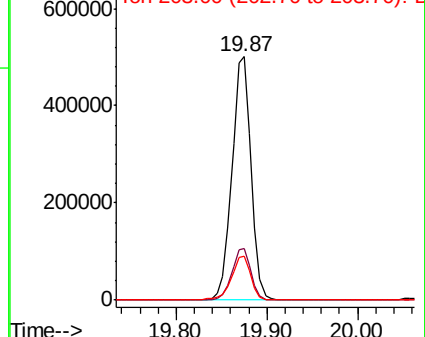
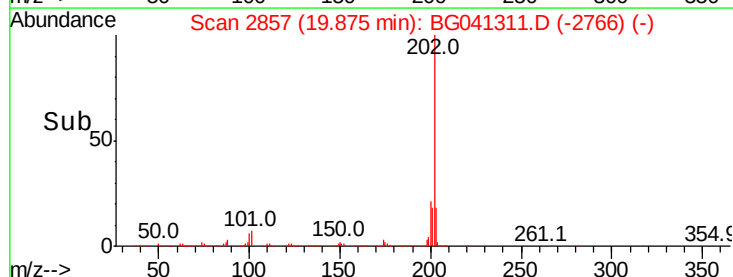


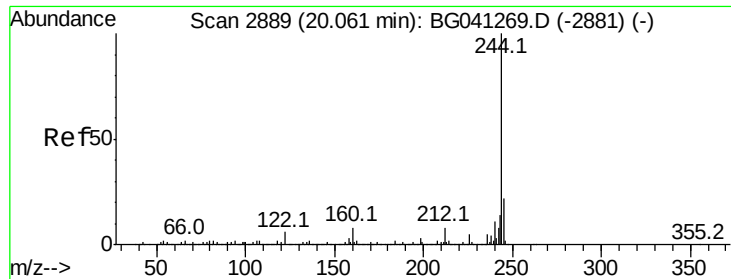
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

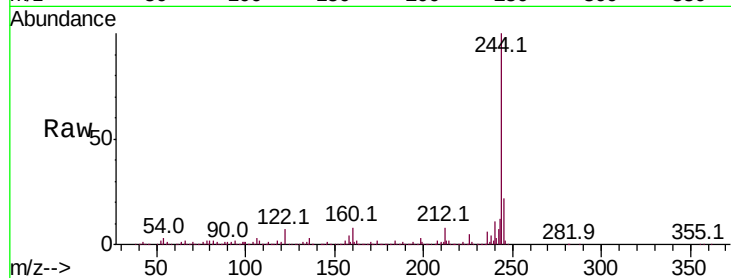




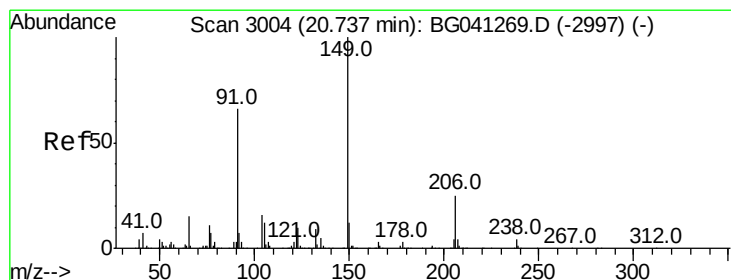
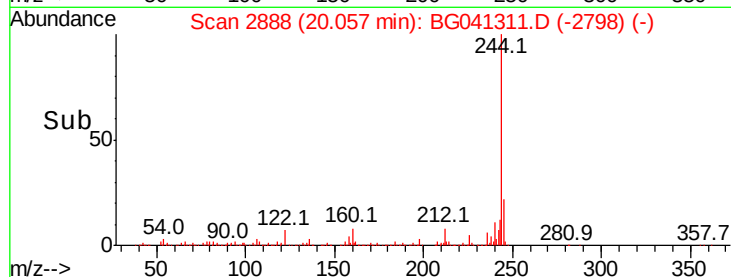
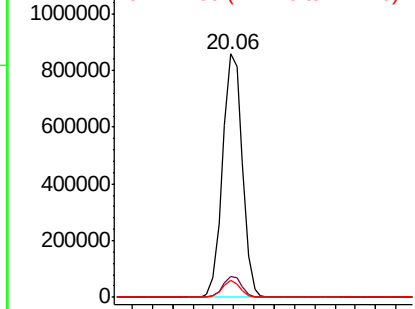
#79
 Terphenyl-d14
 Concen: 83.397 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1161641
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 6.8 5.0 7.4

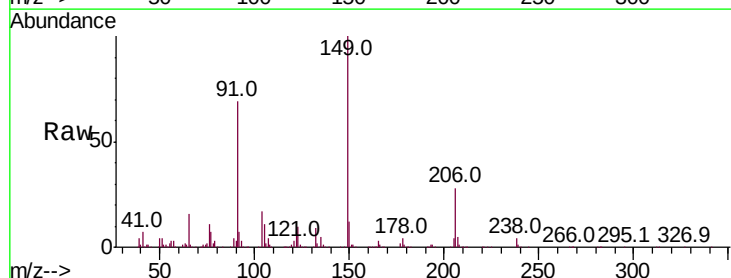


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

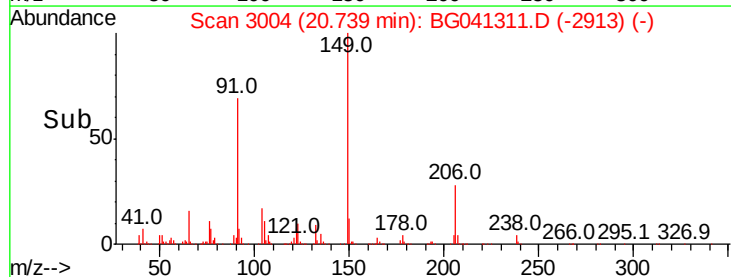
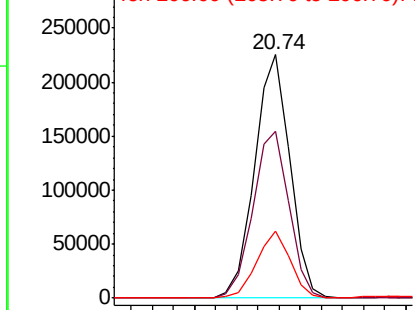


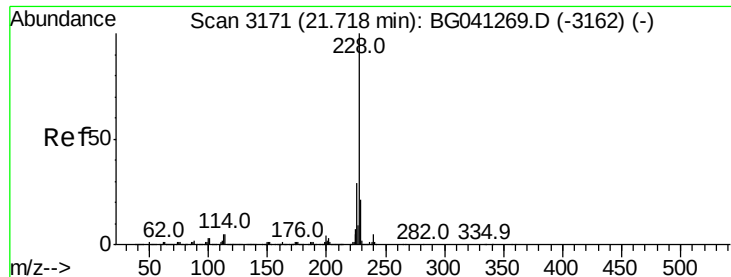
#80
 Butylbenzylphthalate
 Concen: 37.182 ng
 RT: 20.74 min Scan# 3004
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:149 Resp: 261822
 Ion Ratio Lower Upper
 149 100
 91 68.5 53.2 79.8
 206 27.6 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.338 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

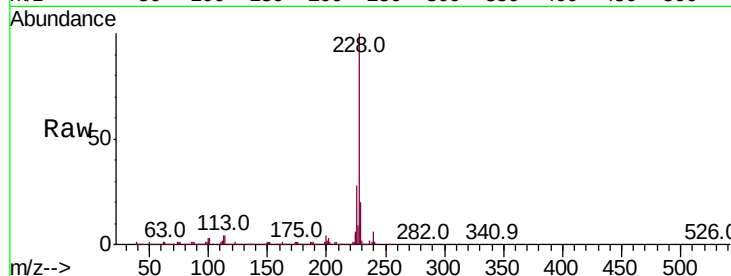
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 716566

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	20.3	16.8	25.2

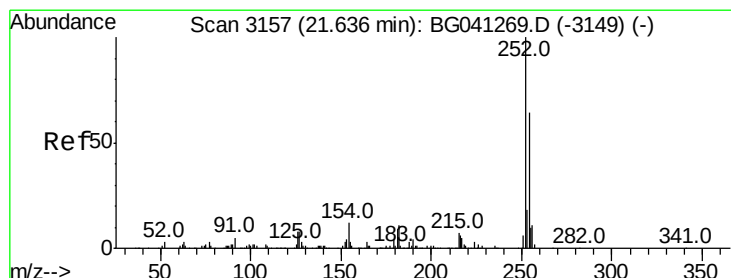
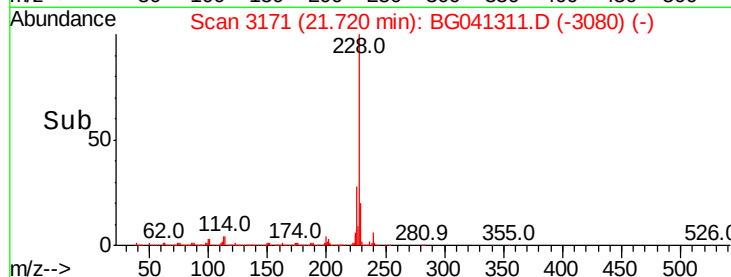
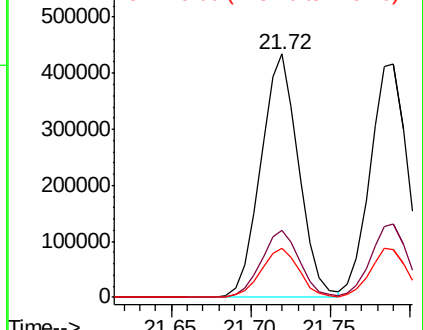


Abundance

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: 21.468 ng

RT: 21.63 min Scan# 3156

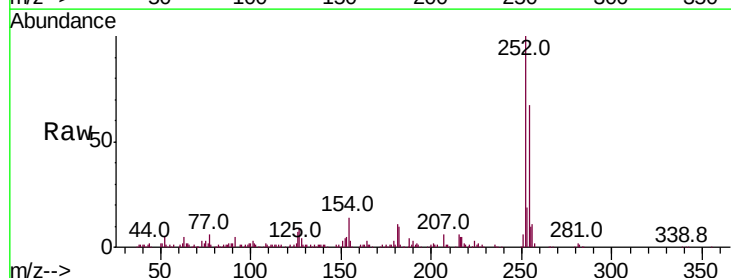
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:252 Resp: 140857

Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.4	77.0
126	7.3	6.0	9.0

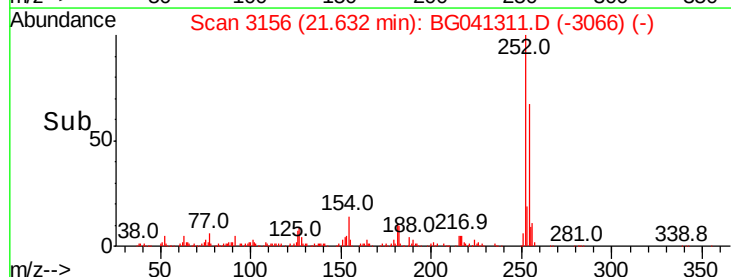
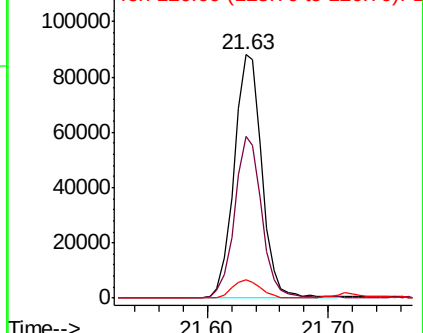


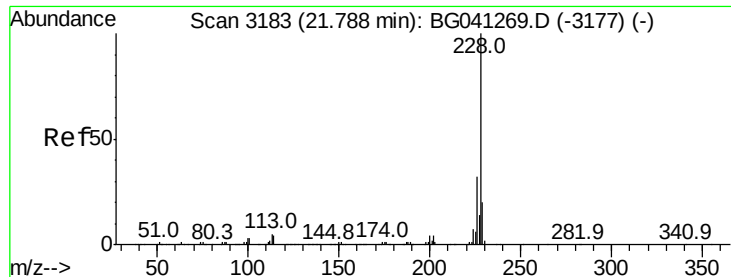
Abundance

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: 38.006 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

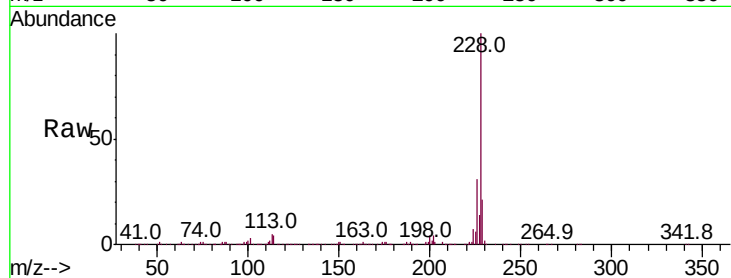
Tot Ion:228 Resp: 683127

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

229 20.7 16.2 24.2

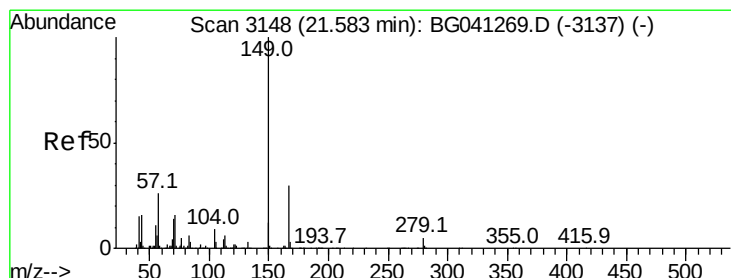
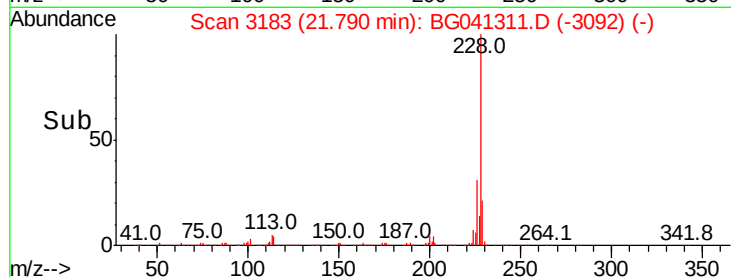
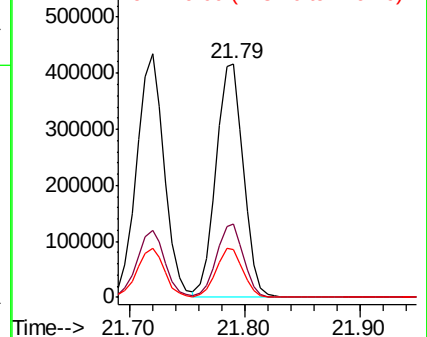


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.207 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

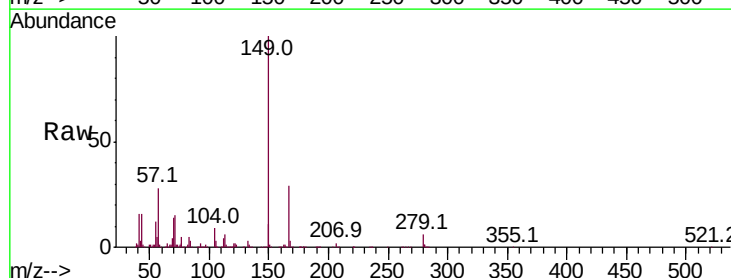
Tgt Ion:149 Resp: 366647

Ion Ratio Lower Upper

149 100

167 29.2 23.8 35.8

279 5.8 4.4 6.6

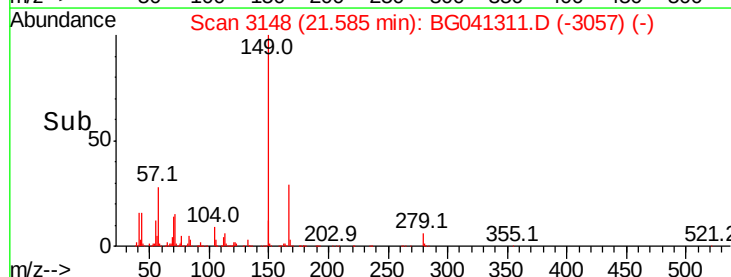
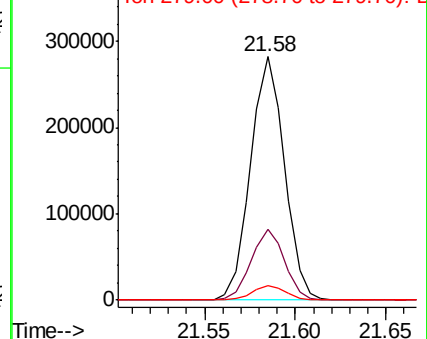


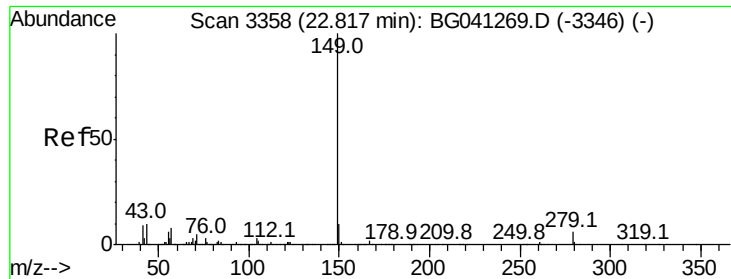
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.516 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

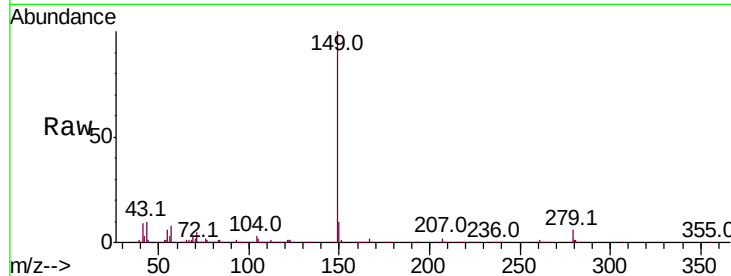
Tot Ion:149 Resp: 625335

Ion Ratio Lower Upper

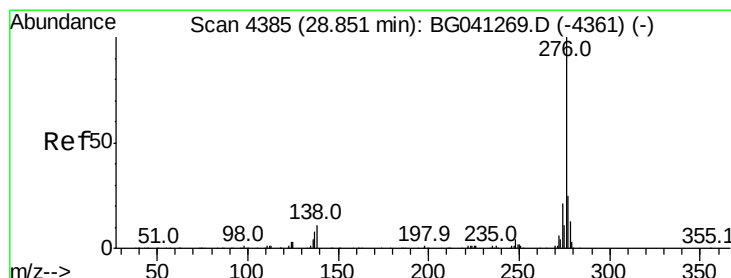
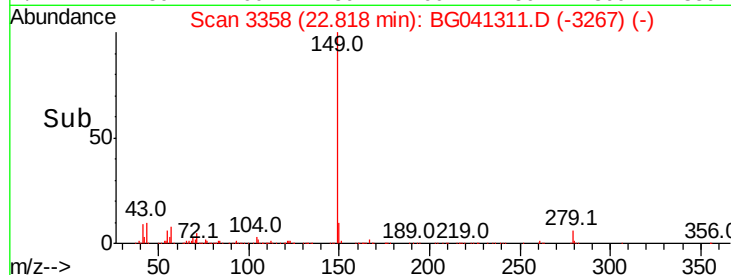
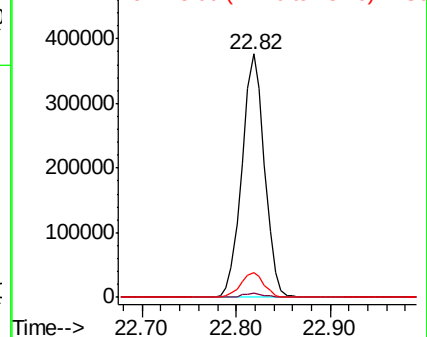
149 100

167 1.7 1.4 2.0

43 10.2 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: 37.958 ng

RT: 28.86 min Scan# 4387

Delta R.T. 0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

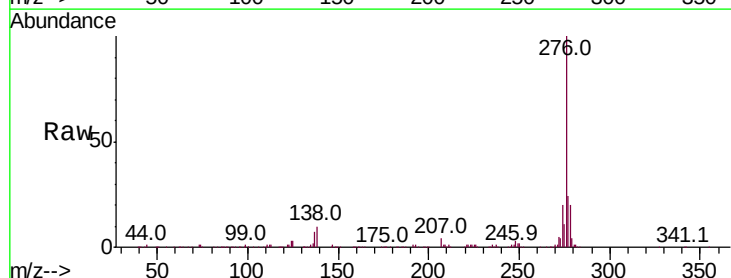
Tgt Ion:276 Resp: 809479

Ion Ratio Lower Upper

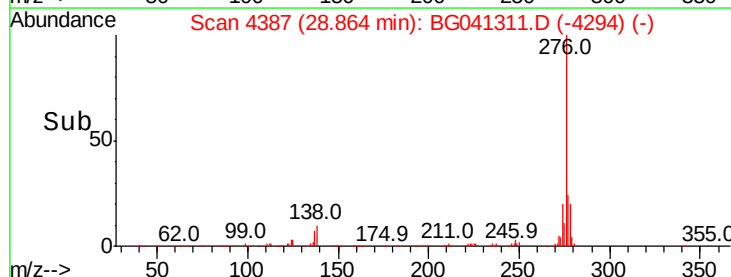
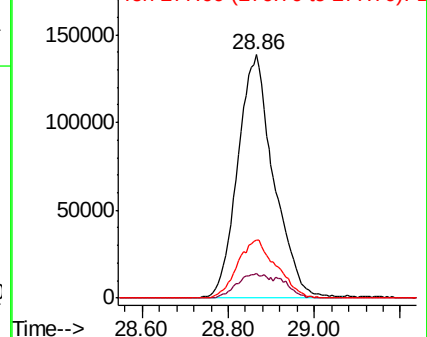
276 100

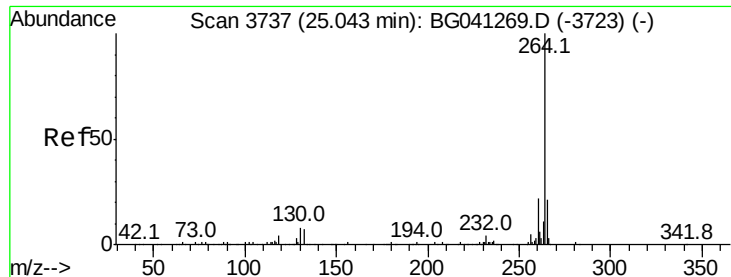
138 9.1 7.7 11.5

277 25.9 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: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

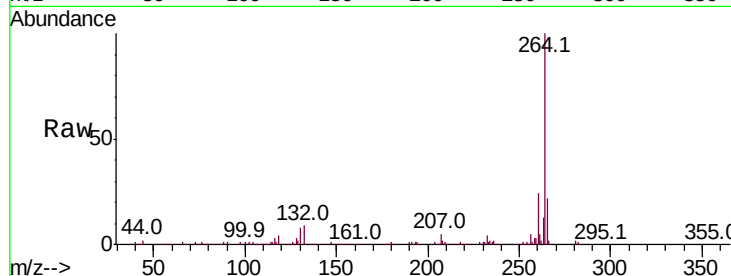
Tot Ion:264 Resp: 295042

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

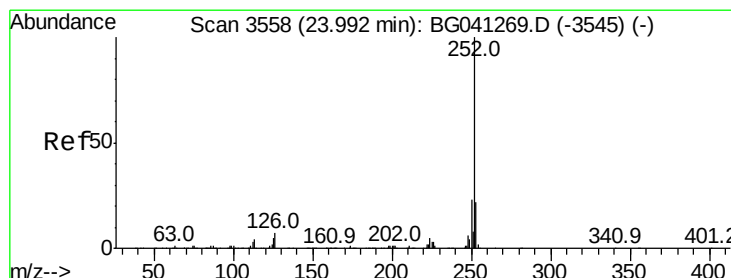
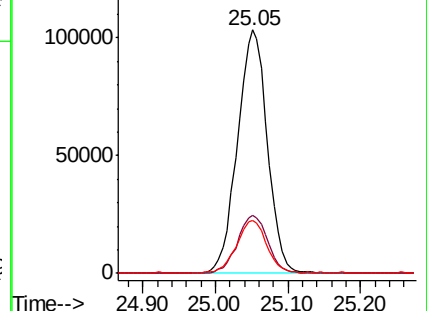
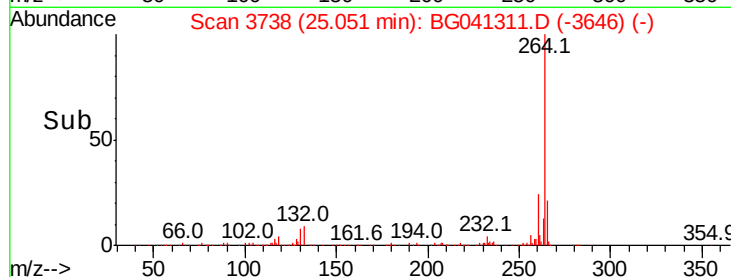
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.311 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

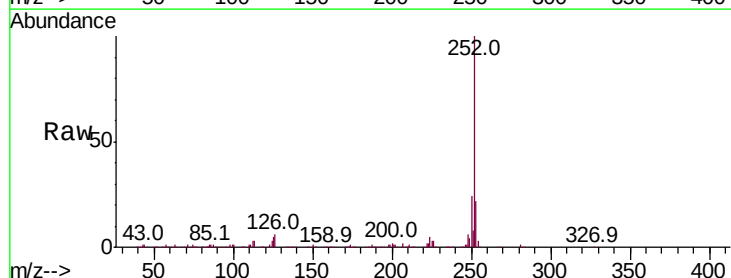
Tgt Ion:252 Resp: 700509

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

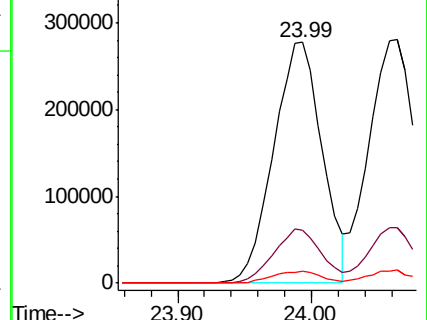
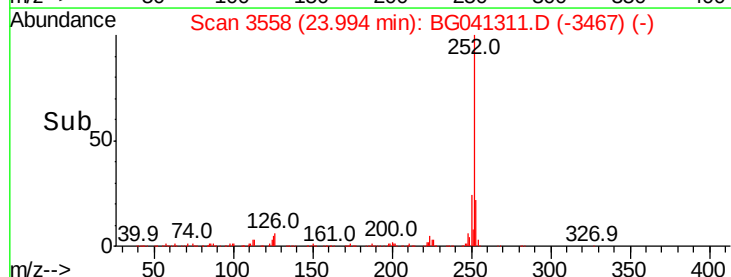
125 4.9 3.9 5.9

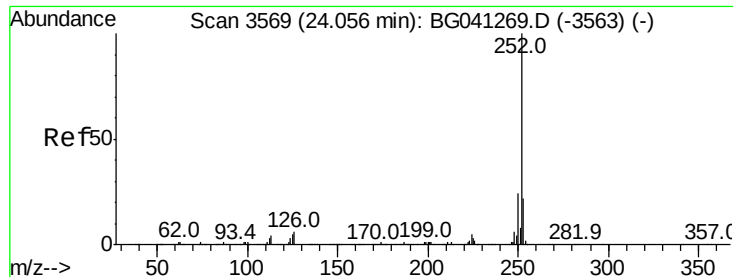


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

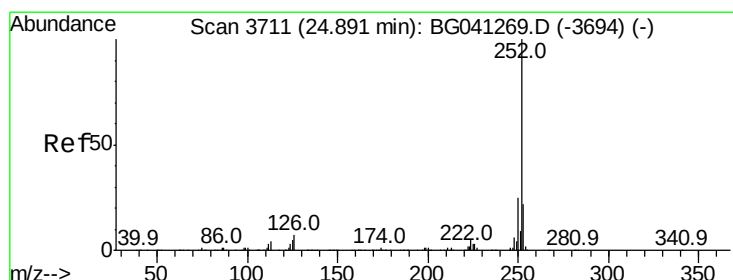
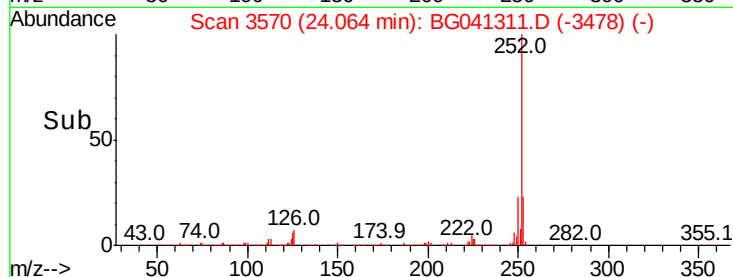
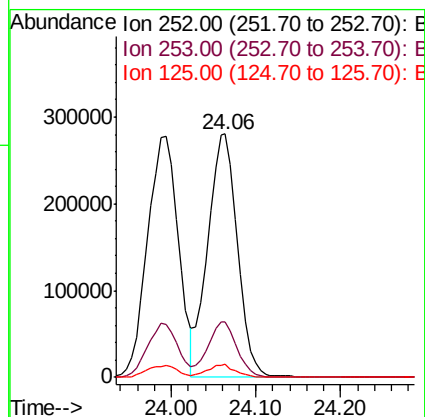
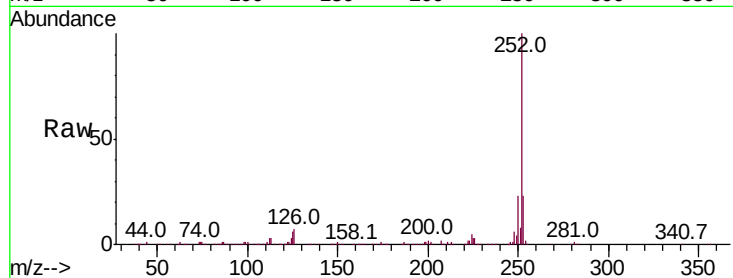




#89
Benzo(k)fluoranthene
Concen: 37.903 ng
RT: 24.06 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

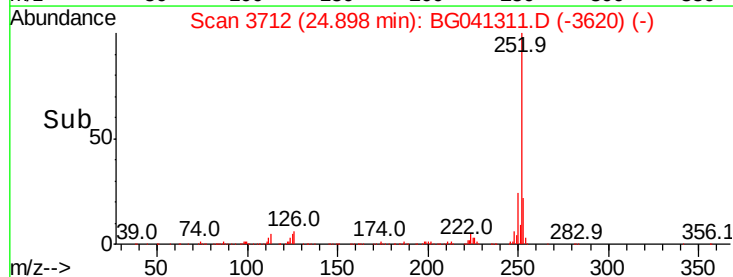
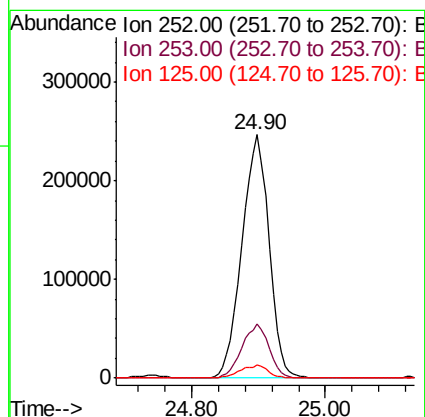
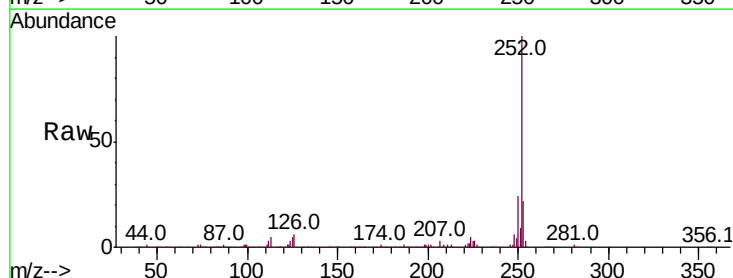
Instrument :
BNA_G
ClientSampleId :

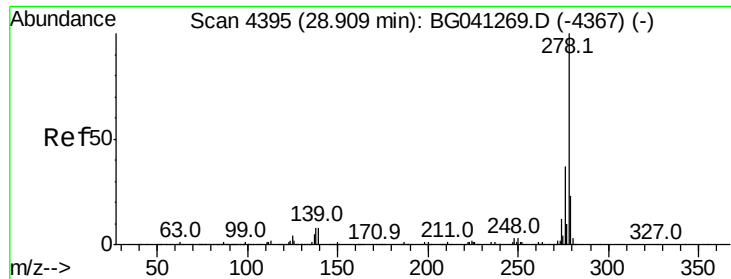
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	5.6	4.3	6.5



#90
Benzo(a)pyrene
Concen: 39.949 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	5.3	4.2	6.4

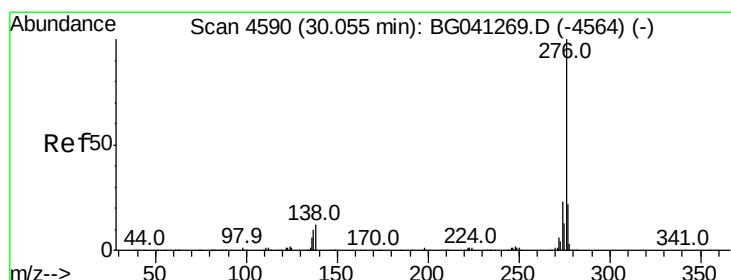
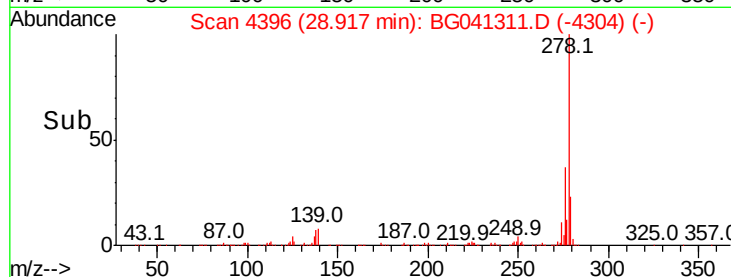
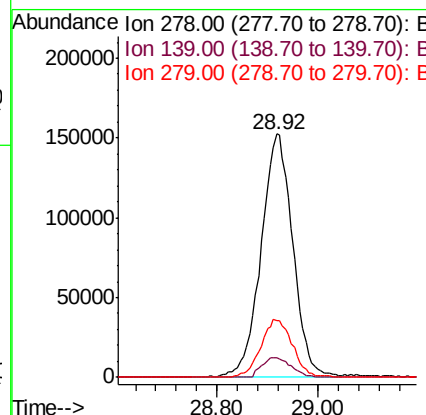
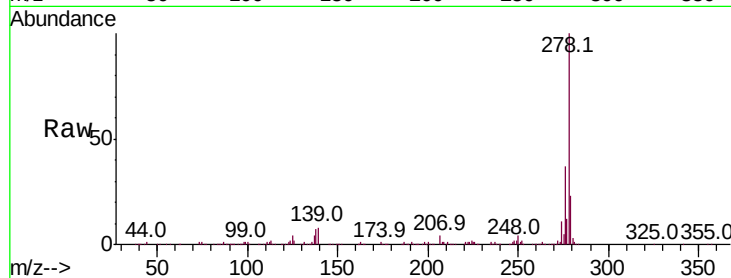




#91
Dibenzo(a,h)anthracene
Concen: 38.203 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 664169
Ion Ratio Lower Upper
278 100
139 8.2 6.6 10.0
279 23.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 38.757 ng
RT: 30.06 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:276 Resp: 665882
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 11.3 9.4 14.0

