

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041343.D
 Acq On : 20 Jun 2019 2:27
 Operator : HP/JU
 Sample : K3163-10MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 05:01:52 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	39626	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	154431	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	105464	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	257583	20.00	ng	0.00
76) Chrysene-d12	21.74	240	243490	20.00	ng	0.00
87) Perylene-d12	25.06	264	239359	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	266457	123.55	ng	0.00
7) Phenol-d6	7.24	99	345674	110.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	326114	88.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	228030	140.84	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	729933	94.07	ng	0.00
79) Terphenyl-d14	20.06	244	1194111	97.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	26881	24.857	ng	# 1
3) Pyridine	3.90	79	66736	23.262	ng	96
4) n-Nitrosodimethylamine	3.81	42	48980	32.015	ng	99
6) Aniline	7.41	93	68832	15.841	ng	98
8) 2-Chlorophenol	7.64	128	102653	40.510	ng	95
9) Benzaldehyde	7.22	77	83478	41.751	ng	99
10) Phenol	7.27	94	112032	33.327	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	98036	38.436	ng	97
12) 1,3-Dichlorobenzene	7.97	146	120184	37.879	ng	93
13) 1,4-Dichlorobenzene	8.12	146	121657	37.536	ng	92
14) 1,2-Dichlorobenzene	8.44	146	115039	37.161	ng	95
15) Benzyl Alcohol	8.32	79	103915	34.695	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	152864	36.611	ng	98
17) 2-Methylphenol	8.52	107	93970	39.101	ng	95
18) Hexachloroethane	9.16	117	43758	34.070	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	93596	37.019	ng	95
20) 3+4-Methylphenols	8.85	107	127182	39.753	ng	97
22) Acetophenone	8.92	105	181872	40.470	ng	# 97
24) Nitrobenzene	9.31	77	153260	41.499	ng	99
25) Isophorone	9.82	82	267561	39.716	ng	98
26) 2-Nitrophenol	10.02	139	64243	42.908	ng	94
27) 2,4-Dimethylphenol	10.06	122	100783	44.906	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	138969	39.590	ng	99
29) 2,4-Dichlorophenol	10.55	162	123477	44.372	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	145247	40.755	ng	98
31) Naphthalene	10.96	128	348887	41.568	ng	99
32) Benzoic acid	10.21	122	41362	28.311	ng	91
33) 4-Chloroaniline	11.08	127	34115	9.571	ng	94
34) Hexachlorobutadiene	11.21	225	107313	37.934	ng	96
35) Caprolactam	11.87	113	17907	18.692	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	136534	42.477	ng	99
37) 2-Methylnaphthalene	12.56	142	260323	42.112	ng	99
38) 1-Methylnaphthalene	12.77	142	245674	41.538	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	195845	44.971	ng	99

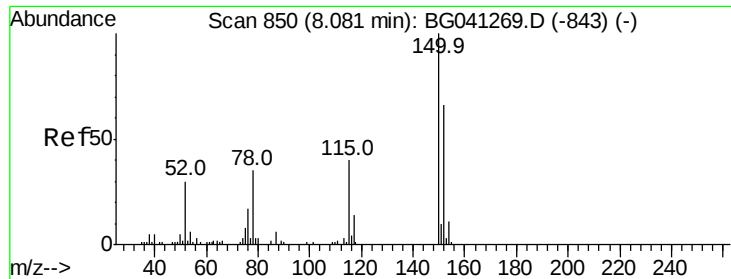
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	61473	20.956	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	118863	44.121	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	123080	44.402	ng	97
46) 1,1'-Biphenyl	13.55	154	349432	43.827	ng	99
47) 2-Chloronaphthalene	13.61	162	291891	42.523	ng	99
48) 2-Nitroaniline	13.81	65	105336	41.900	ng	99
49) Acenaphthylene	14.45	152	452783	43.469	ng	99
50) Dimethylphthalate	14.17	163	371553	39.595	ng	99
51) 2,6-Dinitrotoluene	14.30	165	83996	42.452	ng	97
52) Acenaphthene	14.78	154	264508	43.244	ng	95
53) 3-Nitroaniline	14.64	138	48334	24.794	ng	99
54) 2,4-Dinitrophenol	14.85	184	27414	22.948	ng	88
55) Dibenzofuran	15.12	168	457692	43.038	ng	97
56) 4-Nitrophenol	14.95	139	108296	73.403	ng	97
57) 2,4-Dinitrotoluene	15.09	165	116773	40.373	ng	98
58) Fluorene	15.76	166	359820	43.011	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	119403	41.654	ng	95
60) Diethylphthalate	15.52	149	371037	38.902	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	227466	41.790	ng	99
62) 4-Nitroaniline	15.80	138	78764	37.777	ng	95
63) Azobenzene	16.05	77	356826	41.935	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	24485	14.645	ng	96
66) n-Nitrosodiphenylamine	15.97	169	319592	46.728	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	143120	42.971	ng	97
68) Hexachlorobenzene	16.76	284	153755	43.110	ng	97
69) Atrazine	16.91	200	135954	Below Cal		95
70) Pentachlorophenol	17.11	266	176815	96.817	ng	98
71) Phenanthrene	17.51	178	600060	43.679	ng	99
72) Anthracene	17.60	178	613963	45.332	ng	100
73) Carbazole	17.87	167	524045	44.232	ng	99
74) Di-n-butylphthalate	18.40	149	616427	41.698	ng	100
75) Fluoranthene	19.51	202	755645	41.403	ng	99
77) Benzidine	19.70	184	216429	36.749	ng	98
78) Pyrene	19.88	202	759257	46.237	ng	99
80) Butylbenzylphthalate	20.74	149	275467	44.350	ng	97
81) Benzo(a)anthracene	21.73	228	727479	44.126	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	197568	34.138	ng	98
83) Chrysene	21.80	228	704052	44.407	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	377453	44.592	ng	98
85) Di-n-octyl phthalate	22.82	149	651578	45.498	ng	100
86) Indeno(1,2,3-cd)pyrene	28.88	276	514966	27.377	ng	# 98
88) Benzo(b)fluoranthene	24.00	252	670064	45.171	ng	99
89) Benzo(k)fluoranthene	24.07	252	705662	48.020	ng	98
90) Benzo(a)pyrene	24.91	252	643504	45.934	ng	99
91) Dibenzo(a,h)anthracene	28.94	278	446294	31.643	ng	98
92) Benzo(g,h,i)perylene	30.08	276	350192	25.125	ng	98

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

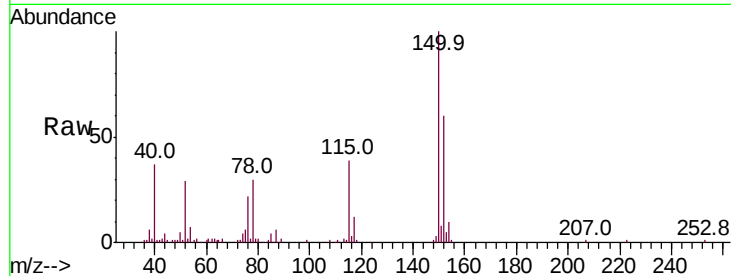


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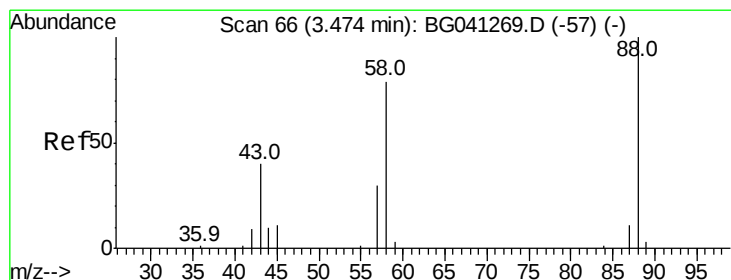
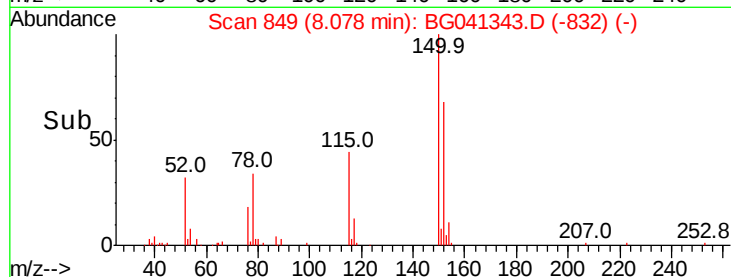
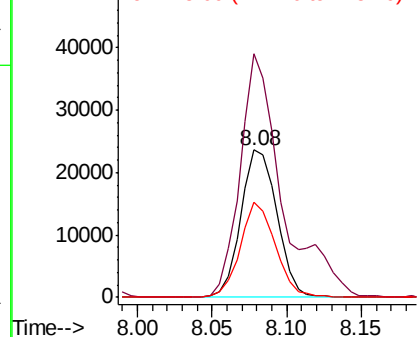
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39626
Ion Ratio Lower Upper
152 100
150 165.3 120.6 181.0
115 64.6 47.9 71.9



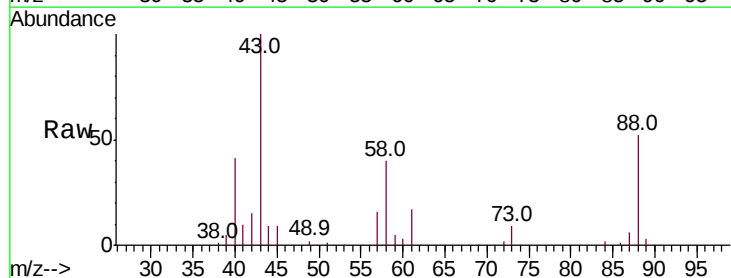
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



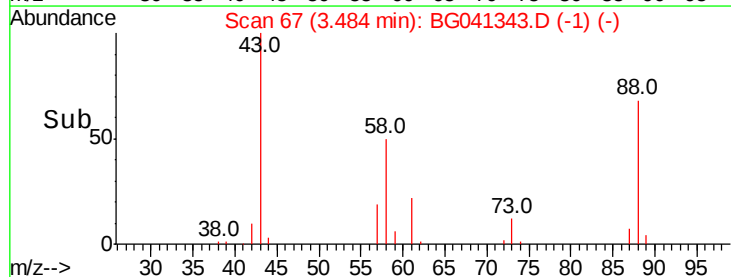
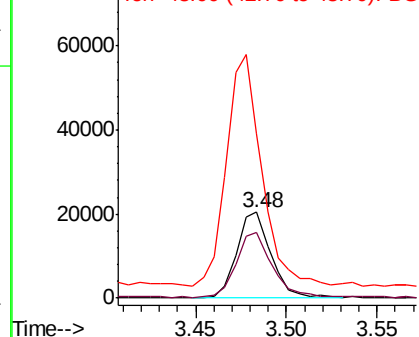
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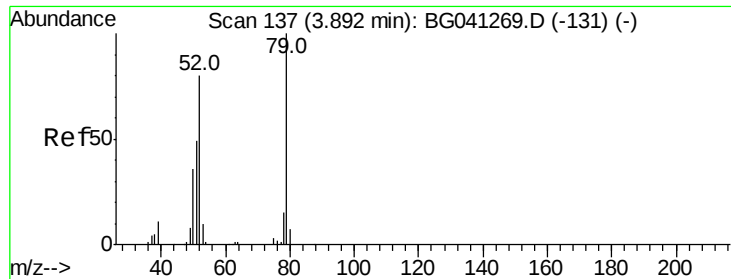
1,4-Dioxane
Concen: 24.857 ng
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion: 88 Resp: 26881
Ion Ratio Lower Upper
88 100
58 79.0 59.7 89.5
43 273.5 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: 23.262 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

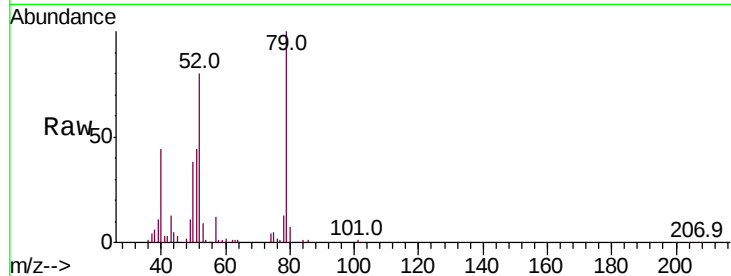
Tot Ion: 79 Resp: 66736

Ion Ratio Lower Upper

79 100

52 79.9 63.6 95.4

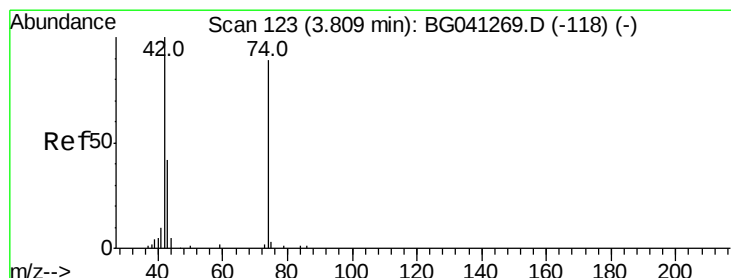
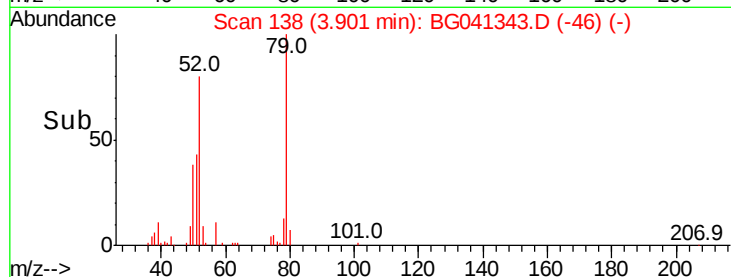
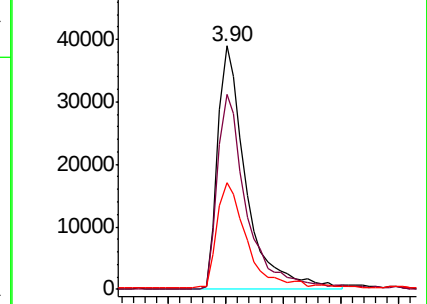
51 43.7 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.015 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

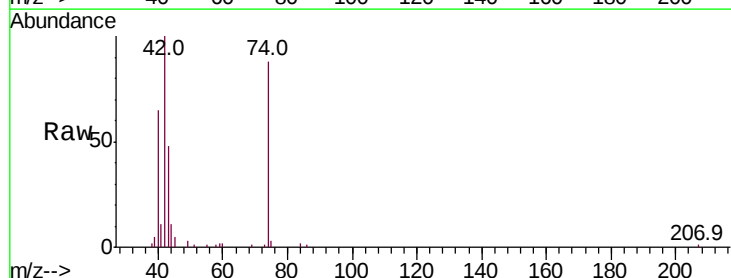
Tgt Ion: 42 Resp: 48980

Ion Ratio Lower Upper

42 100

74 88.4 71.6 107.4

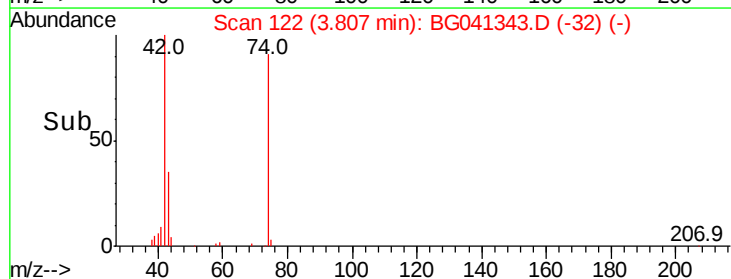
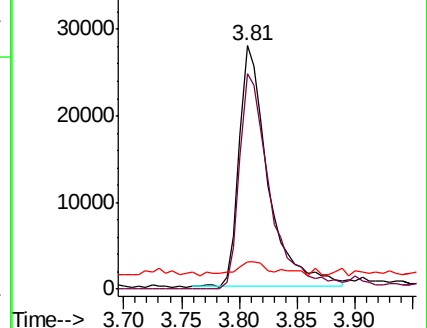
44 11.5 9.0 13.4

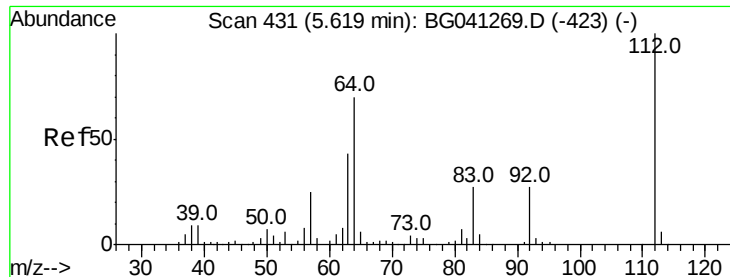


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.553 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

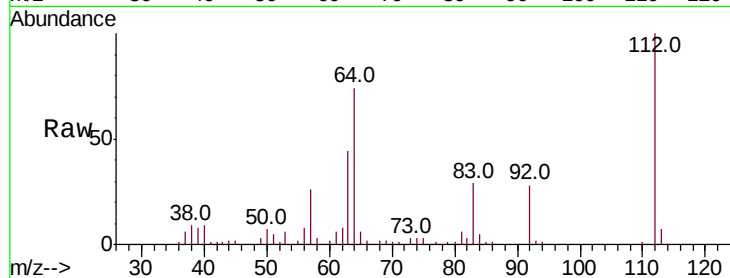
Tot Ion:112 Resp: 266457

Ion Ratio Lower Upper

112 100

64 73.6 55.9 83.9

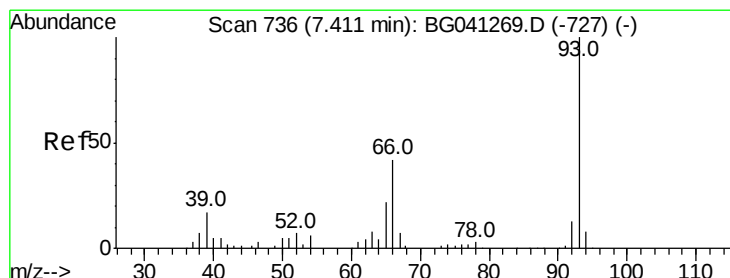
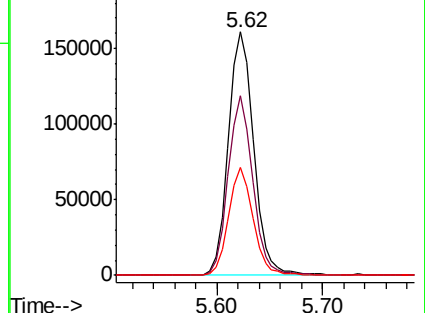
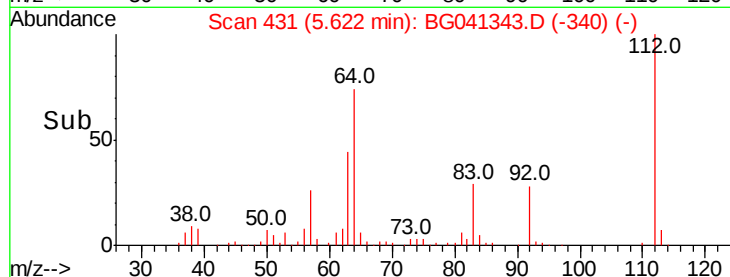
63 44.1 34.6 51.8



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: 15.841 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

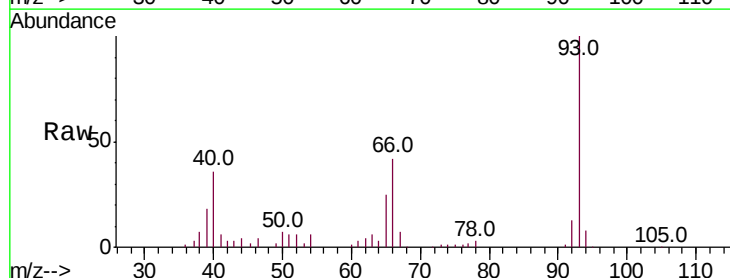
Tgt Ion: 93 Resp: 68832

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.2

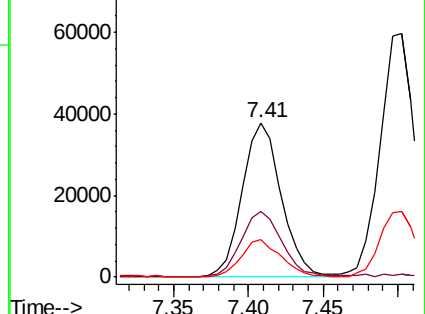
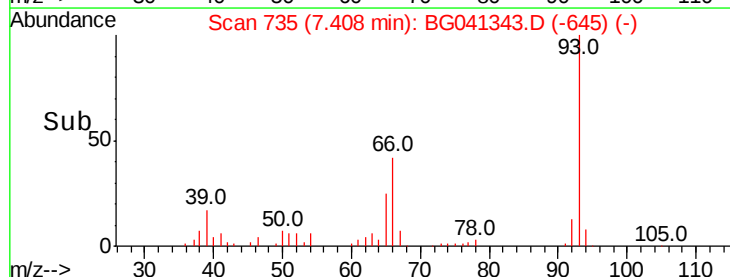
65 24.6 17.7 26.5

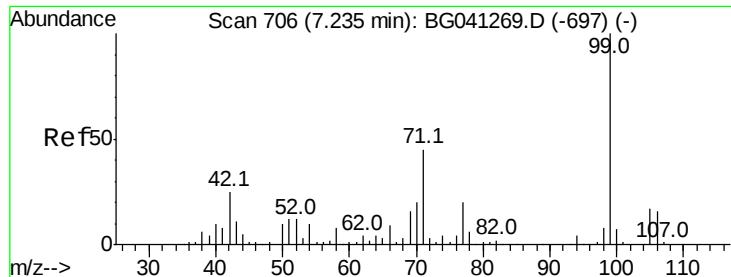


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.579 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

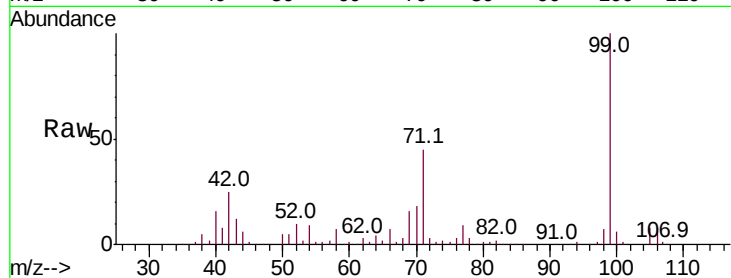
Tot Ion: 99 Resp: 345674

Ion Ratio Lower Upper

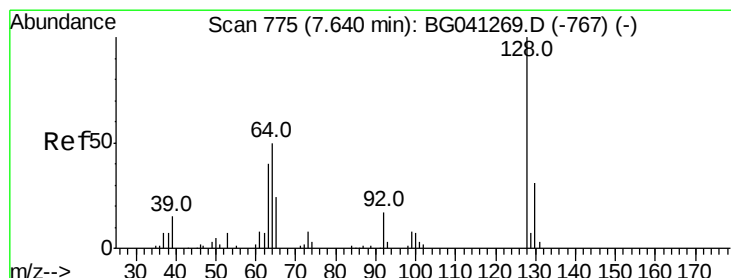
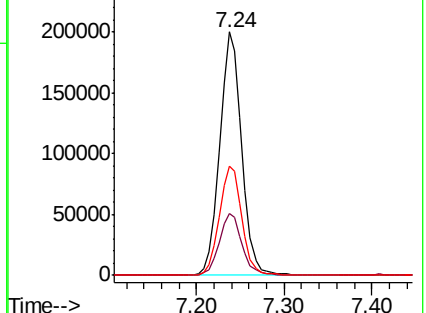
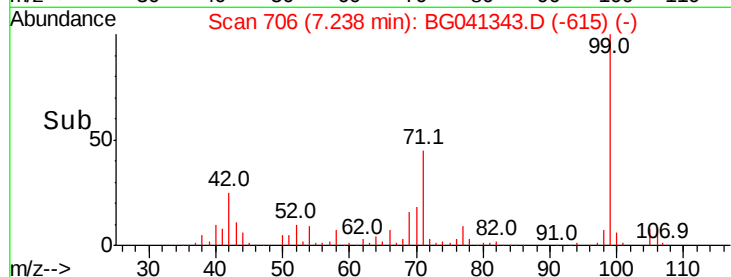
99 100

42 25.3 19.9 29.9

71 45.1 36.4 54.6



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



#8

2-Chlorophenol

Concen: 40.510 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

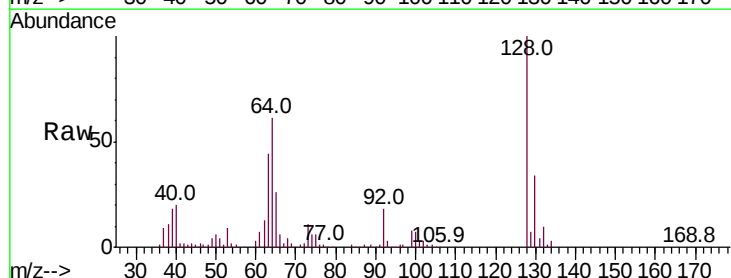
Tgt Ion:128 Resp: 102653

Ion Ratio Lower Upper

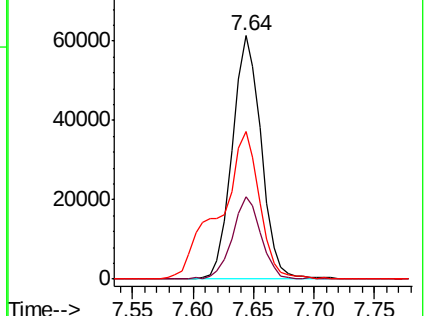
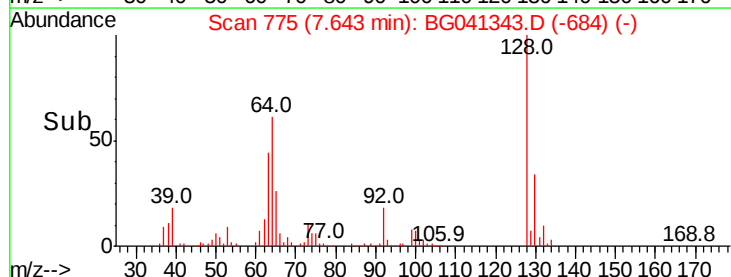
128 100

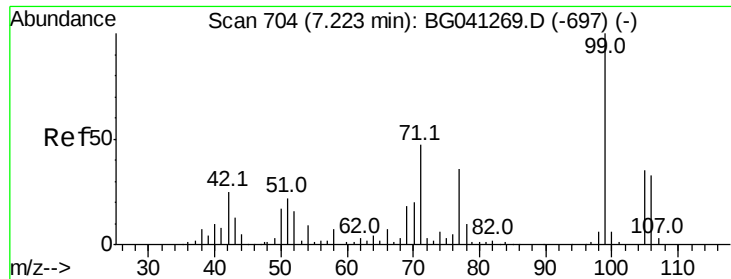
130 33.9 11.1 51.1

64 60.8 36.6 76.6



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

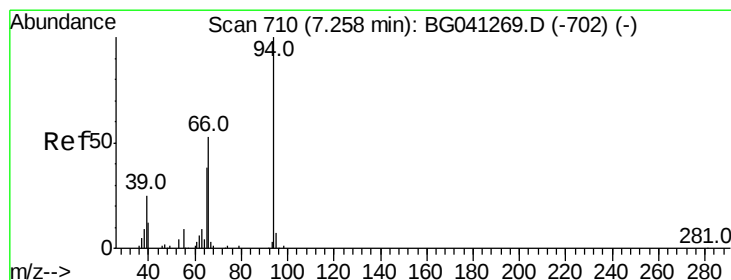
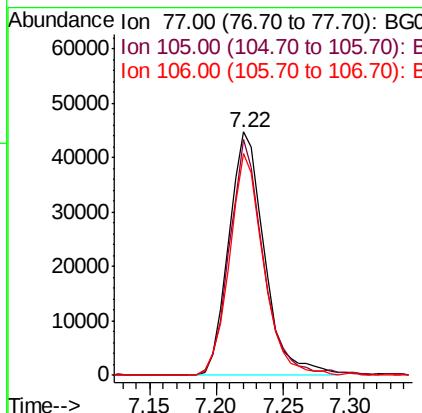
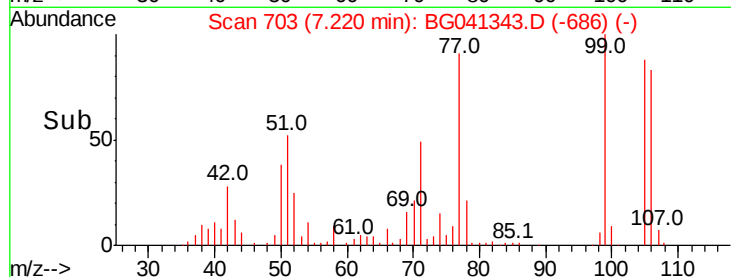
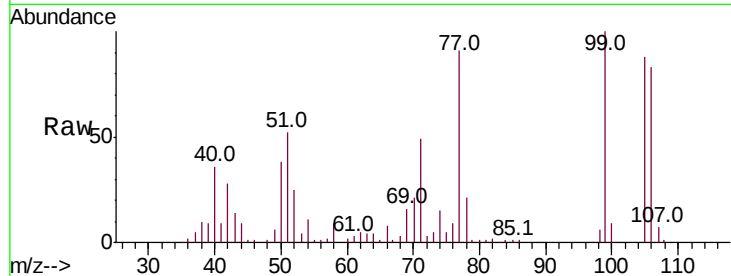




#9
Benzaldehyde
Concen: 41.751 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

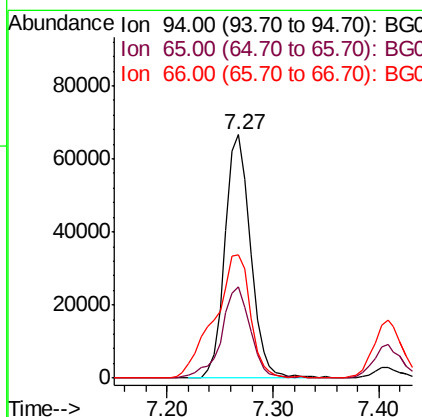
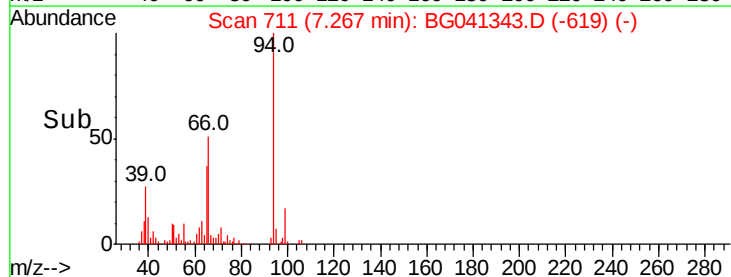
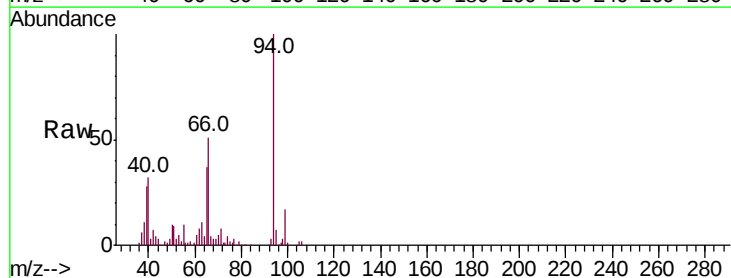
Instrument :
BNA_G
ClientSampleId :

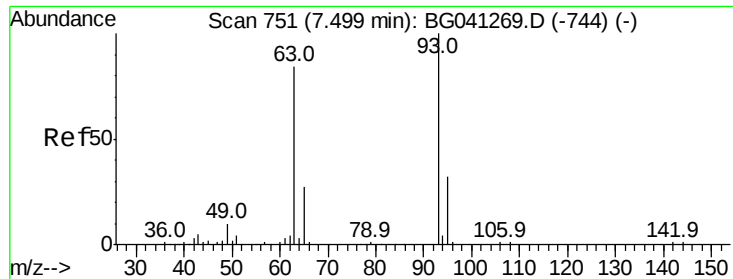
Tot Ion: 77 Resp: 83478
Ion Ratio Lower Upper
77 100
105 96.8 78.7 118.7
106 91.3 71.1 111.1



#10
Phenol
Concen: 33.327 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion: 94 Resp: 112032
Ion Ratio Lower Upper
94 100
65 37.4 18.7 58.7
66 50.8 35.5 75.5



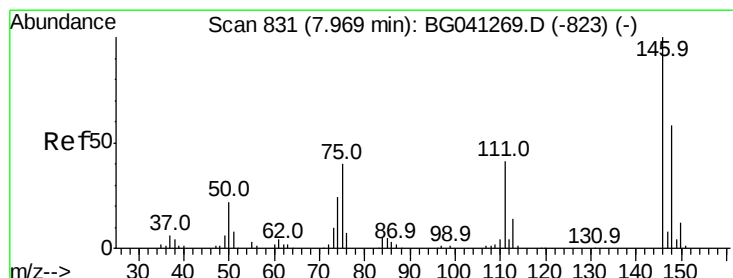
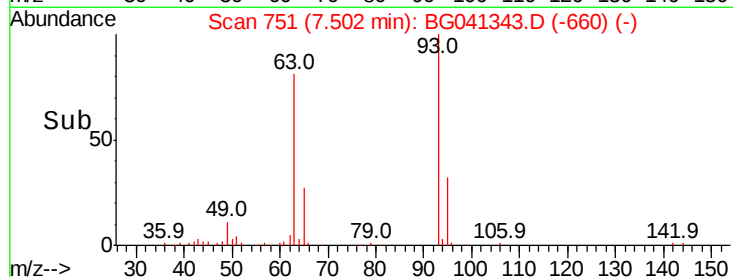
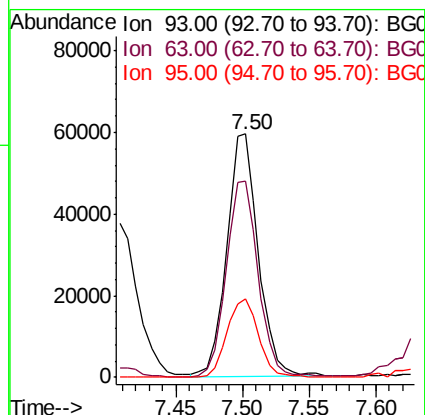
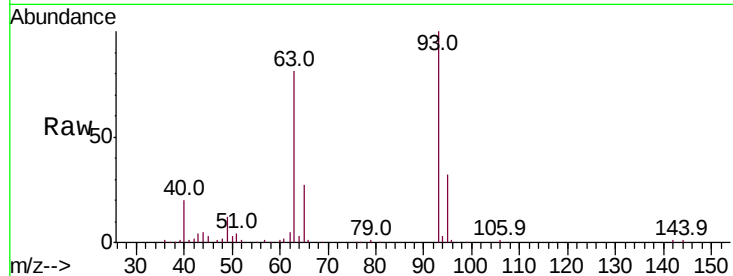


#11

bis(2-Chloroethyl)ether
Concen: 38.436 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

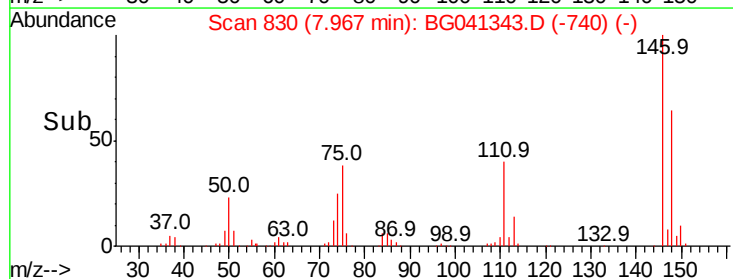
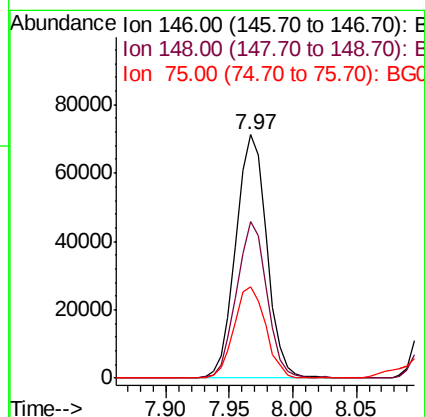
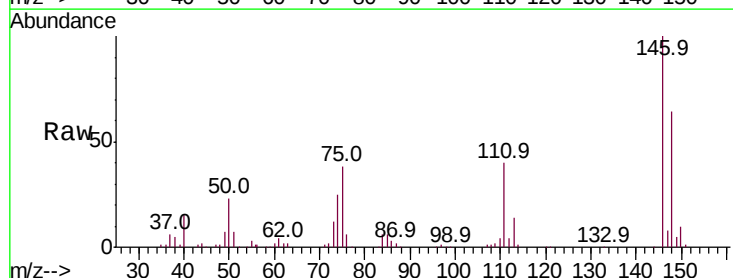
Tot Ion	93	Resp	98036
Ion Ratio	100	Lower	Upper
93	100		
63	80.8	63.6	103.6
95	32.3	11.2	51.2

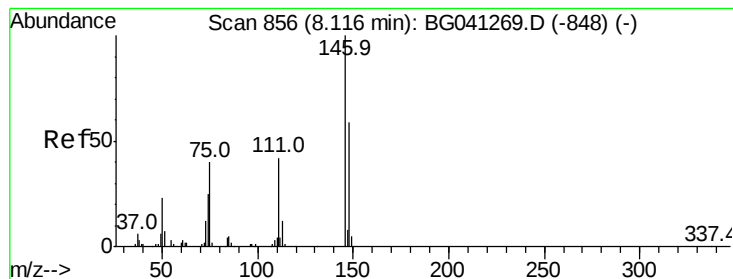


#12

1,3-Dichlorobenzene
Concen: 37.879 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	146	Resp	120184
Ion Ratio	100	Lower	Upper
146	100		
148	64.3	46.5	69.7
75	37.5	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 37.536 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

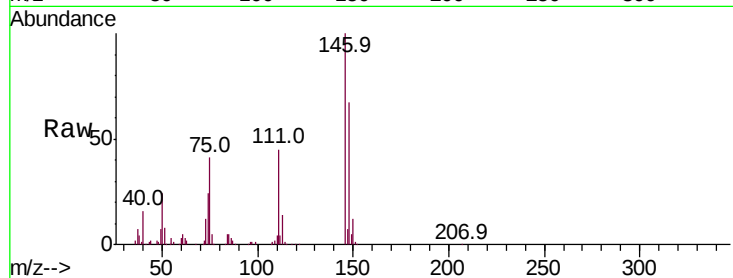
Tot Ion:146 Resp: 121657

Ion Ratio Lower Upper

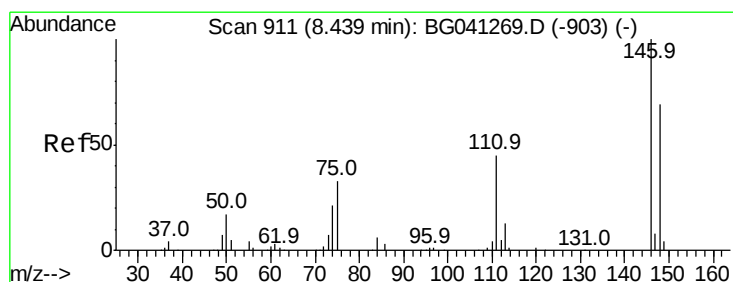
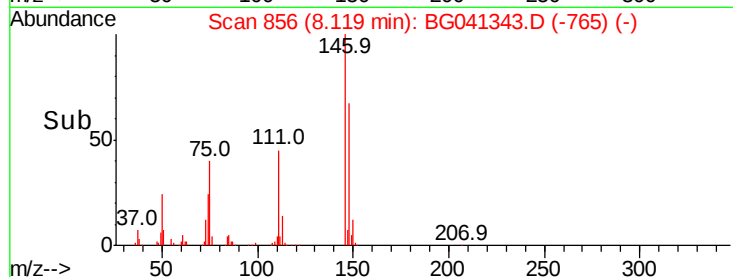
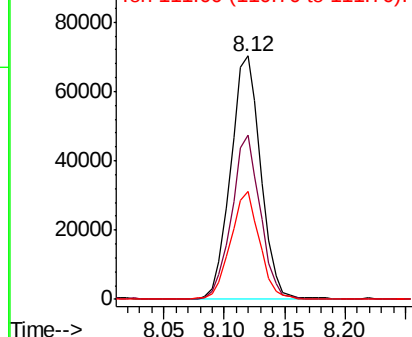
146 100

148 67.4 47.3 70.9

111 44.5 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: 37.161 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

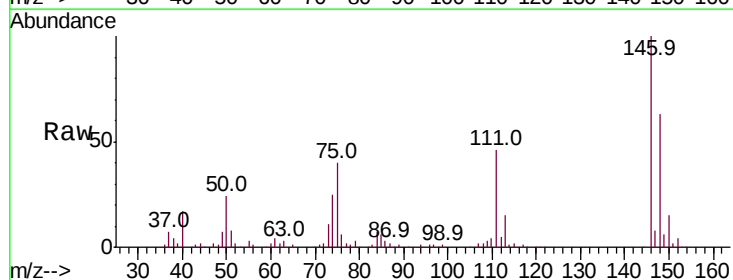
Tgt Ion:146 Resp: 115039

Ion Ratio Lower Upper

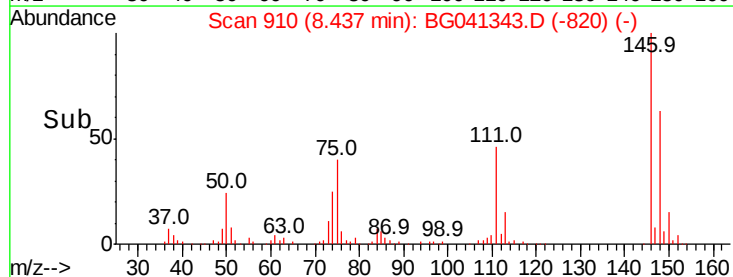
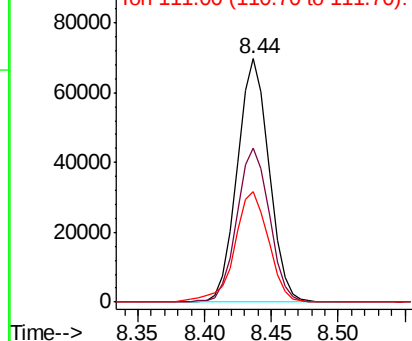
146 100

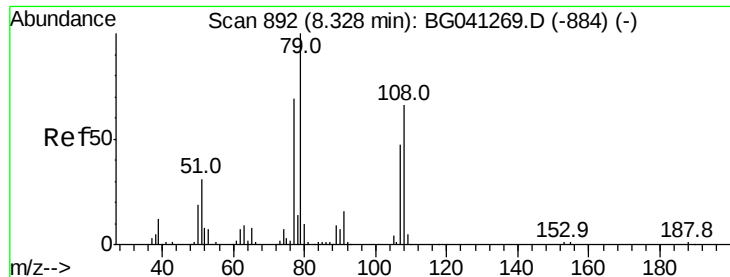
148 63.1 54.9 82.3

111 45.5 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: 34.695 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

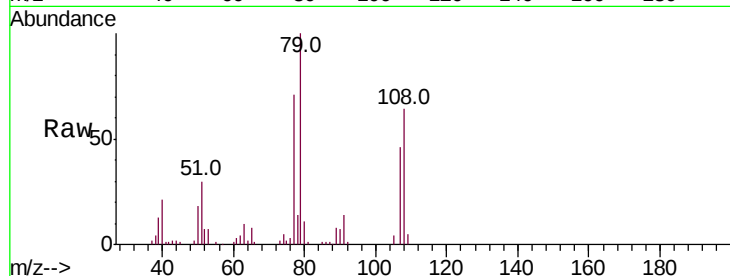
Tot Ion: 79 Resp: 103915

Ion Ratio Lower Upper

79 100

108 63.9 52.7 79.1

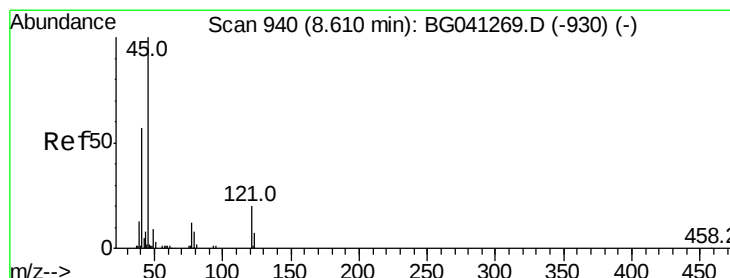
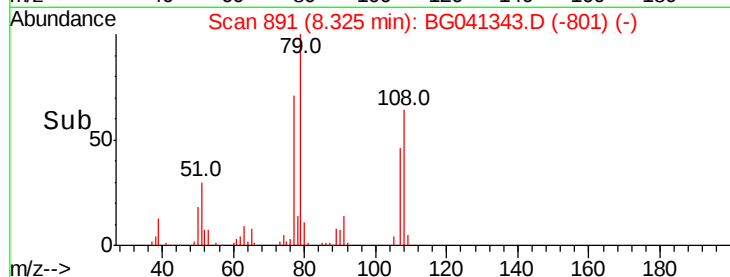
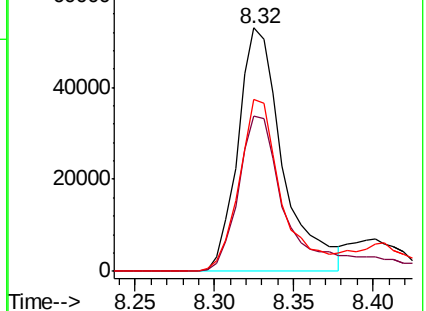
77 70.7 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.611 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

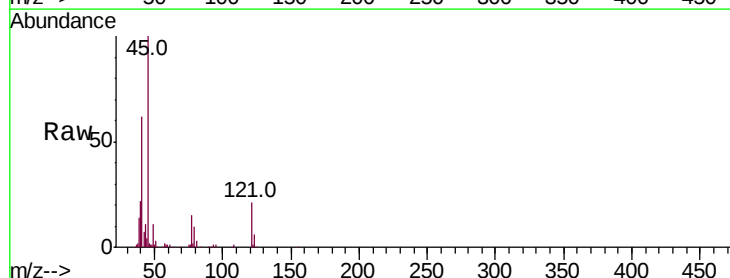
Tgt Ion: 45 Resp: 152864

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

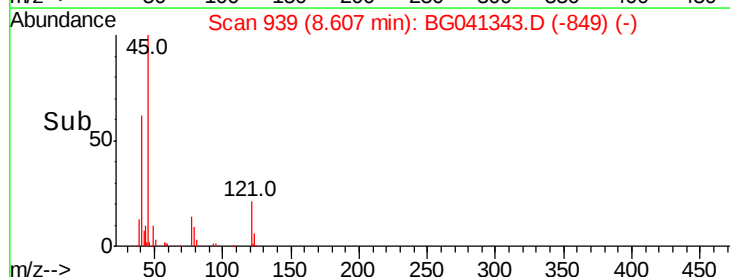
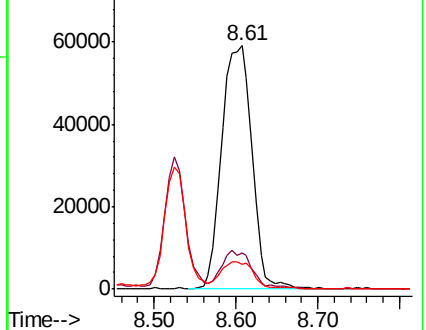
79 9.9 0.0 31.6

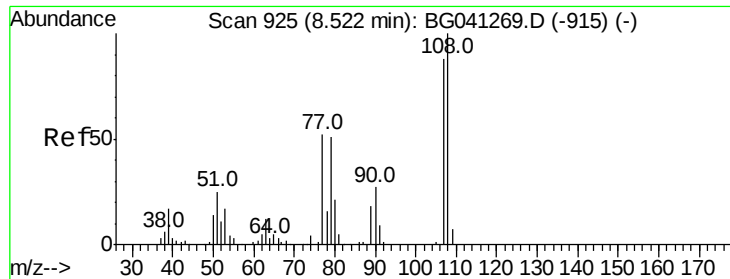


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

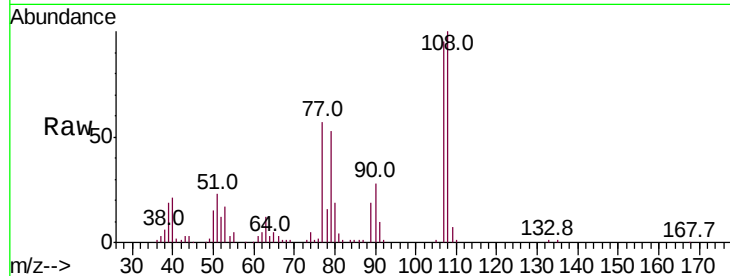




#17
2-Methylphenol
Concen: 39.101 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	91.7	137.5
77	60.7	47.8	71.8
79	56.0	46.8	70.2



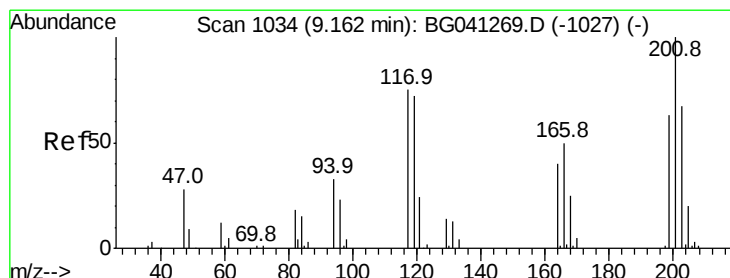
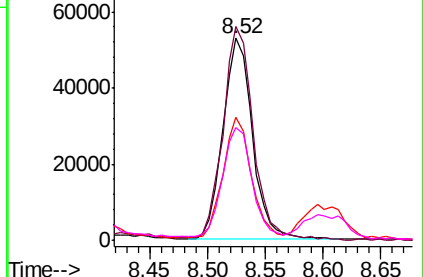
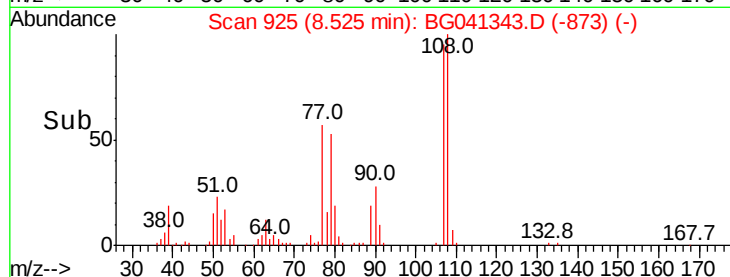
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

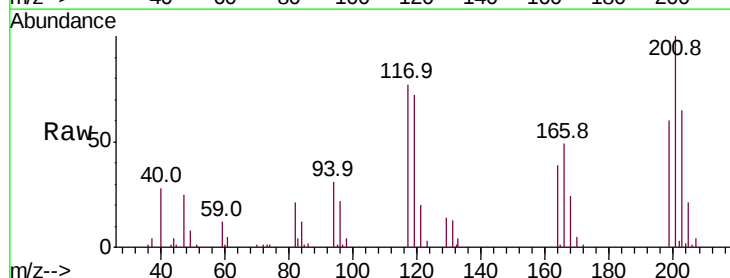
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.070 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.8	115.2
201	129.3	106.3	159.5

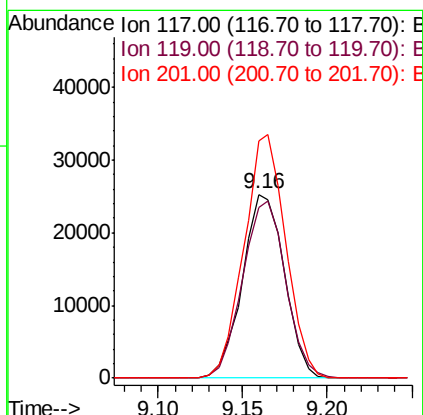
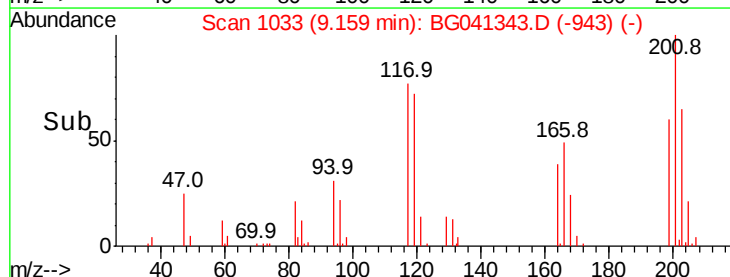


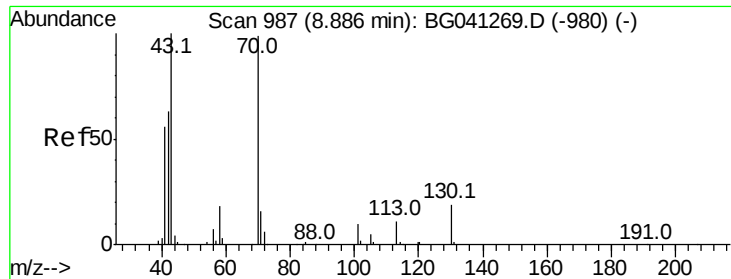
Abundance

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

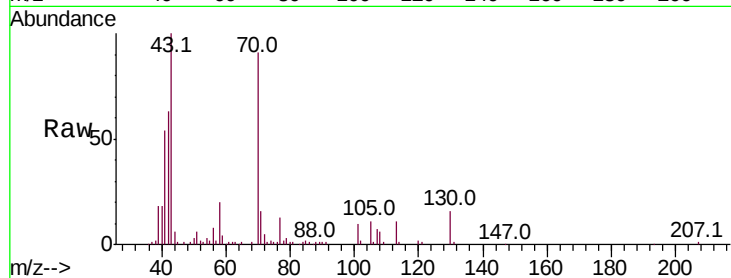




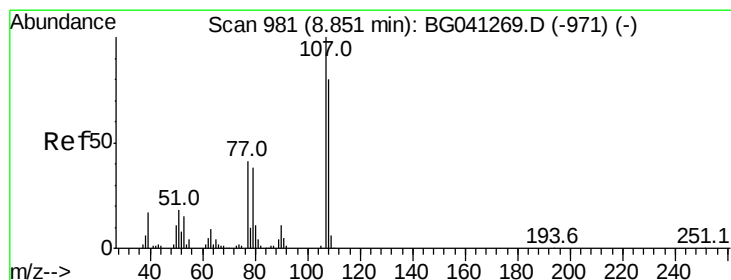
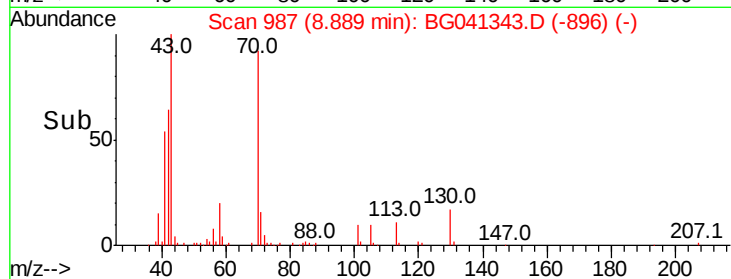
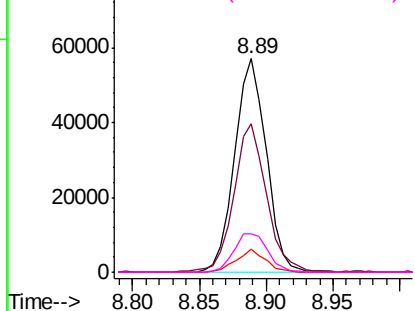
#19
n-Nitroso-di-n-propylamine
Concen: 37.019 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 93596
Ion Ratio Lower Upper
70 100
42 69.6 51.4 77.2
101 11.1 8.2 12.2
130 18.1 15.2 22.8

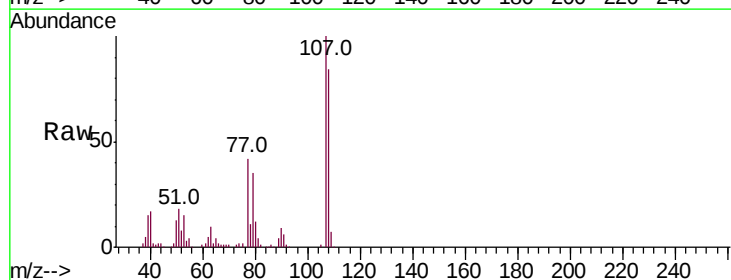


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

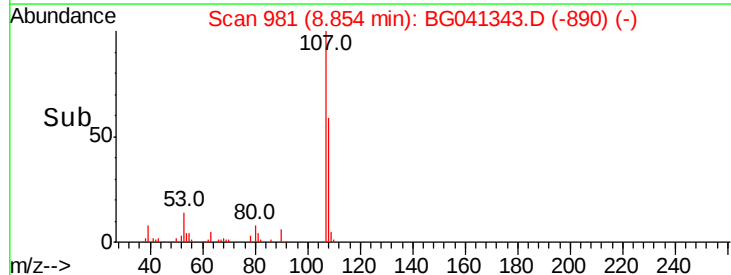
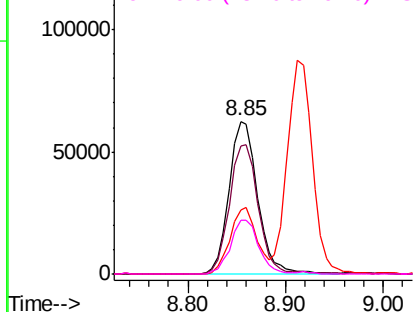


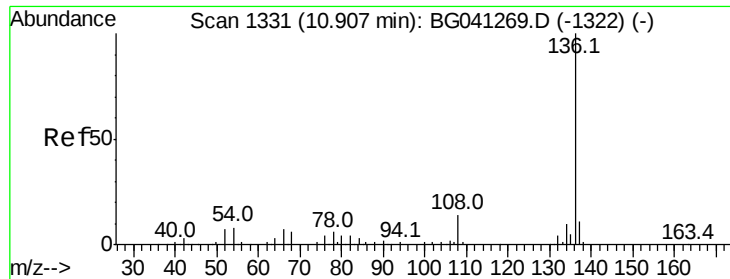
#20
3+4-Methylphenols
Concen: 39.753 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:107 Resp: 127182
Ion Ratio Lower Upper
107 100
108 83.9 60.4 100.4
77 41.8 21.2 61.2
79 35.5 17.7 57.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

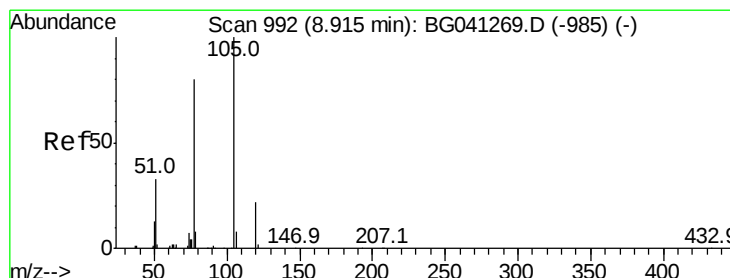
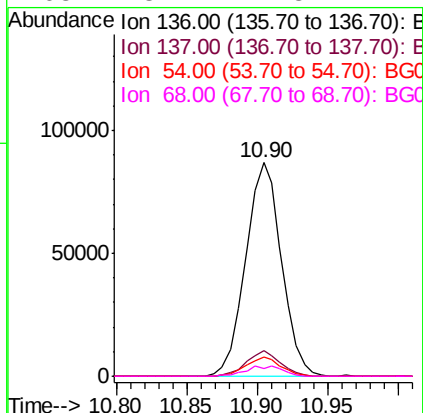
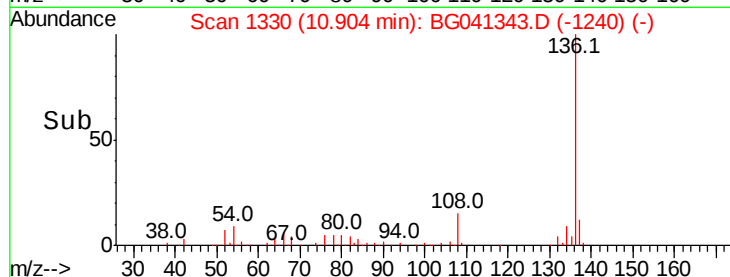
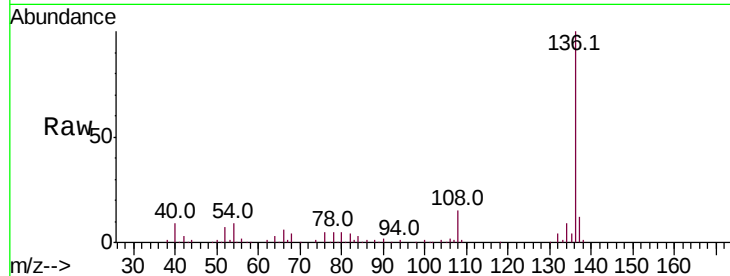




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

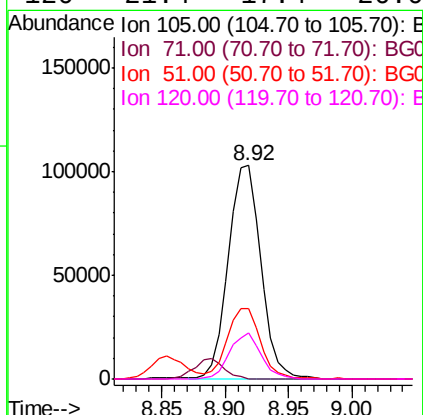
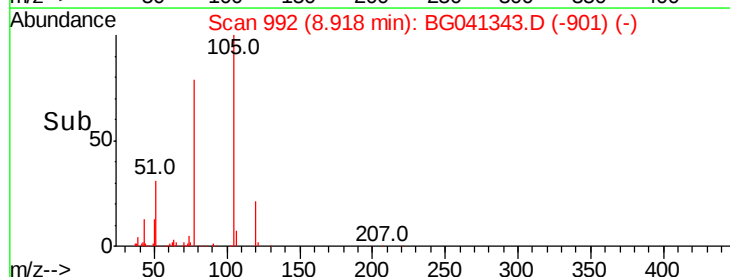
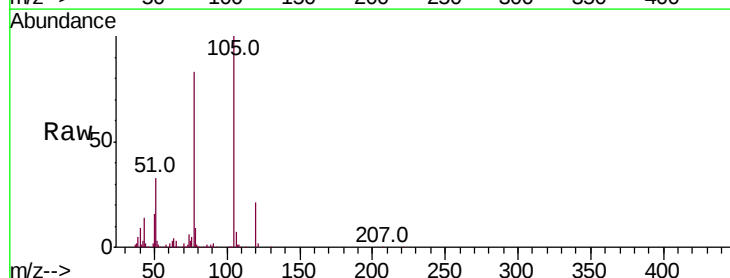
Instrument :
BNA_G
ClientSampleId :

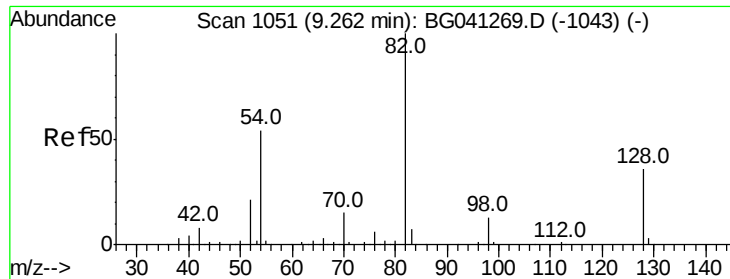
Tot Ion:136	Resp:	154431
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.8 13.2
54	9.2	6.4 9.6
68	3.7	4.8 7.2#



#22
Acetophenone
Concen: 40.470 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:105	Resp:	181872
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.4 0.6#
51	33.0	28.2 42.4
120	21.4	17.4 26.0

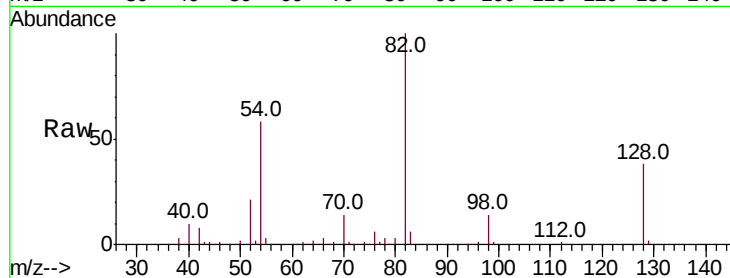




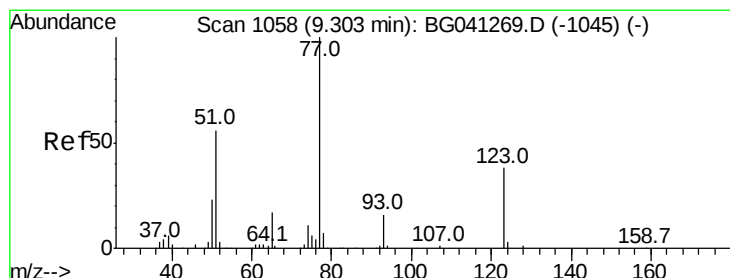
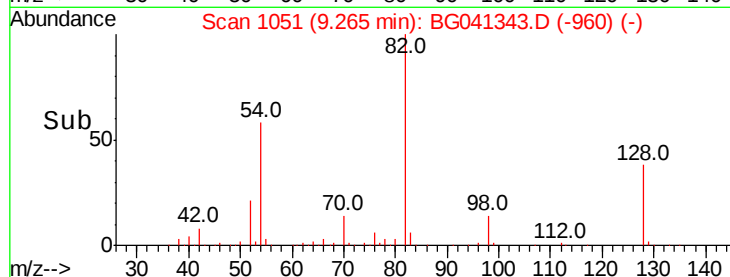
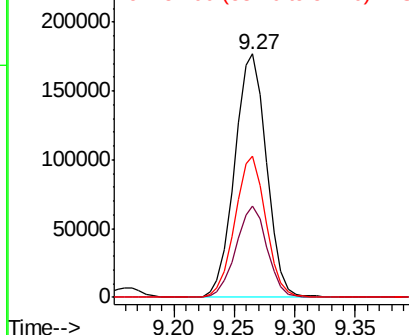
#23
Nitrobenzene-d5
Concen: 88.811 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.2	43.8
54	58.2	43.4	65.0

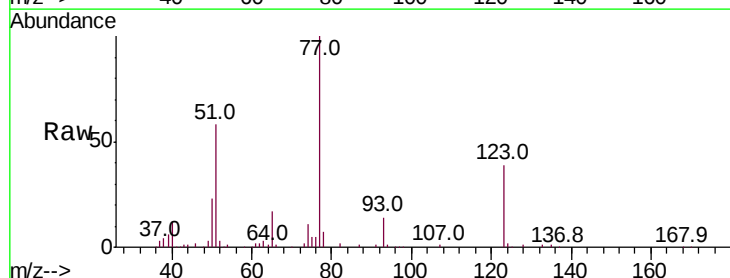


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

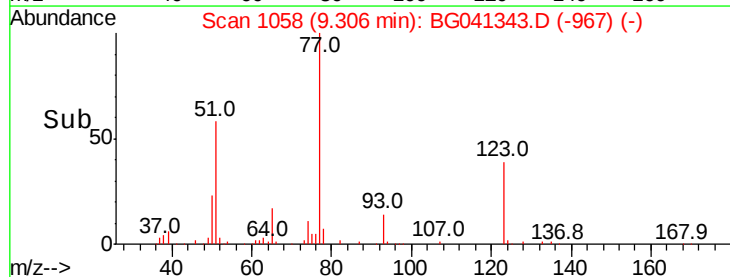
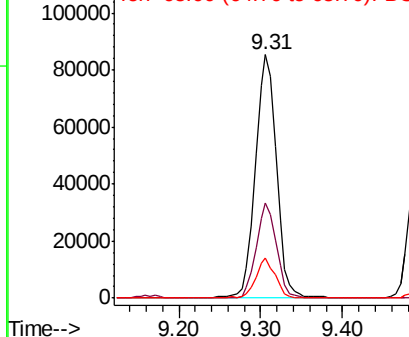


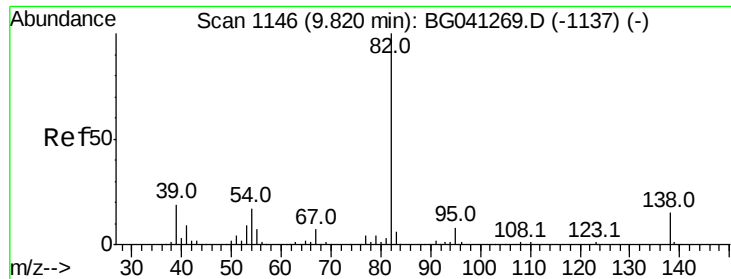
#24
Nitrobenzene
Concen: 41.499 ng
RT: 9.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.4	45.6
65	16.7	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: 39.716 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

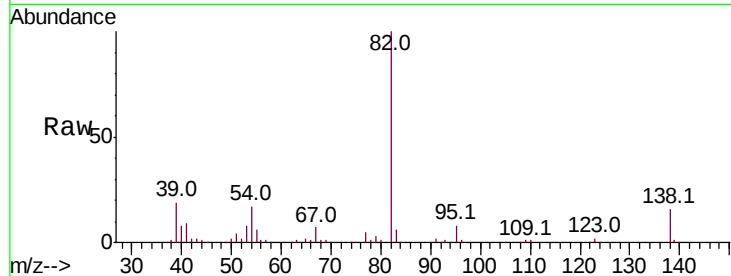
Tot Ion: 82 Resp: 267561

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

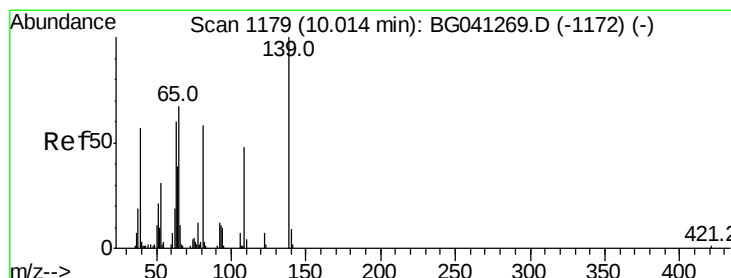
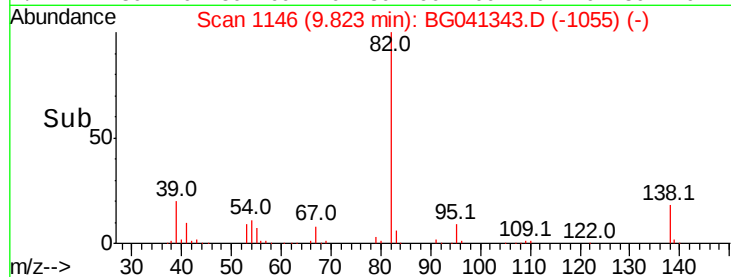
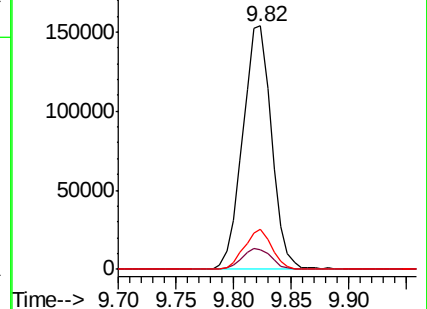
138 16.3 12.3 18.5



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) (-)



#26

2-Nitrophenol

Concen: 42.908 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

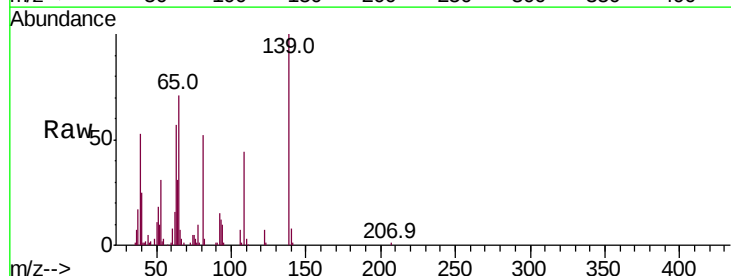
Tgt Ion: 139 Resp: 64243

Ion Ratio Lower Upper

139 100

109 43.9 38.4 57.6

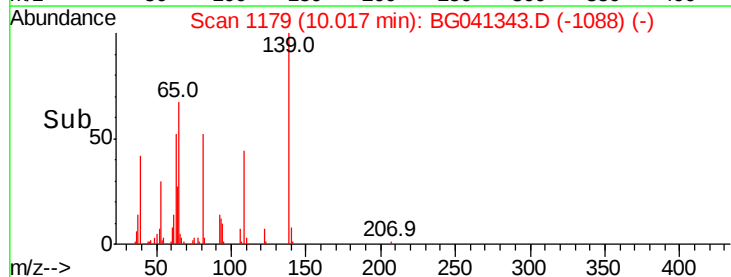
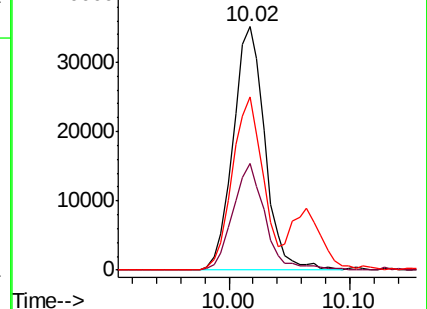
65 71.3 53.6 80.4

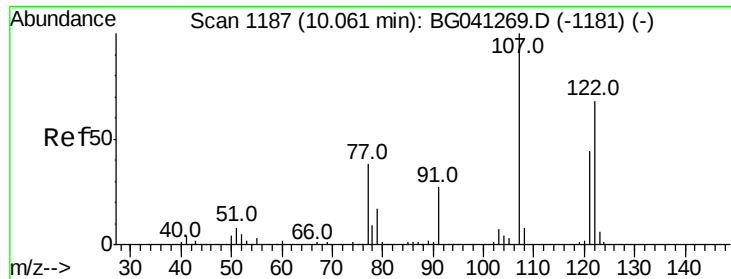


Abundance Ion 139.00 (138.70 to 139.70): BG041269.D (-1172) (-)

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

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

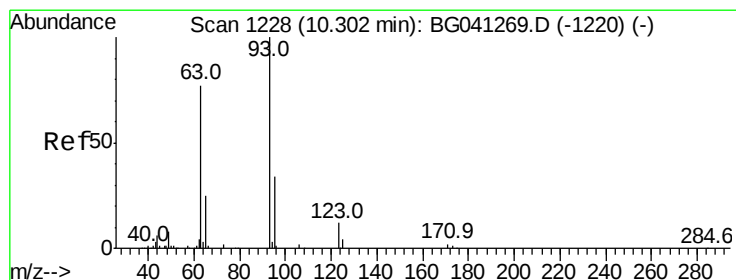
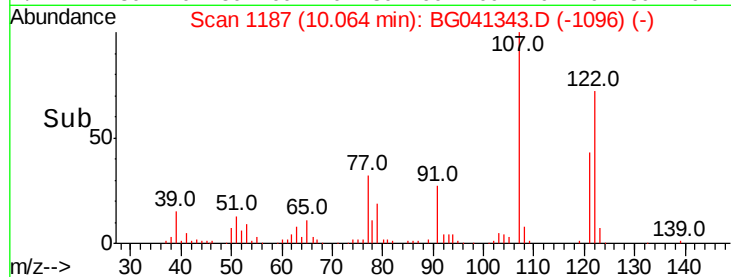
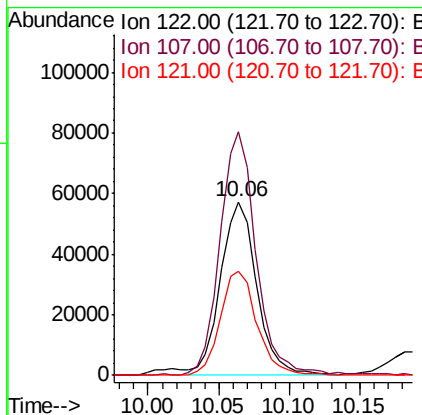
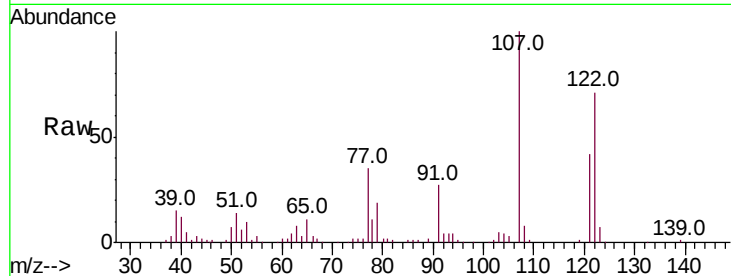




#27
 2,4-Dimethylphenol
 Concen: 44.906 ng
 RT: 10.06 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

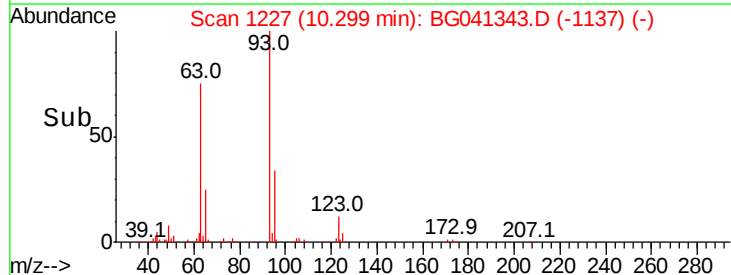
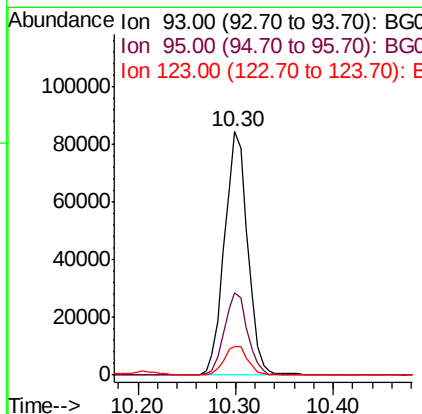
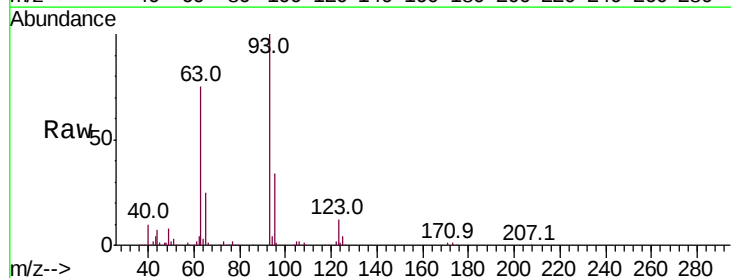
Instrument :
 BNA_G
 ClientSampleId :

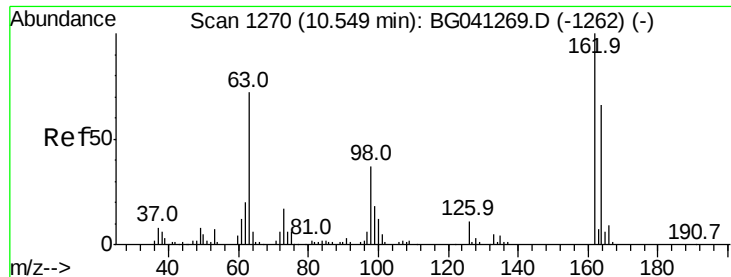
Tot Ion:122 Resp: 100783
 Ion Ratio Lower Upper
 122 100
 107 140.3 115.1 172.7
 121 59.6 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.590 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion: 93 Resp: 138969
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.3 40.9
 123 11.8 9.6 14.4

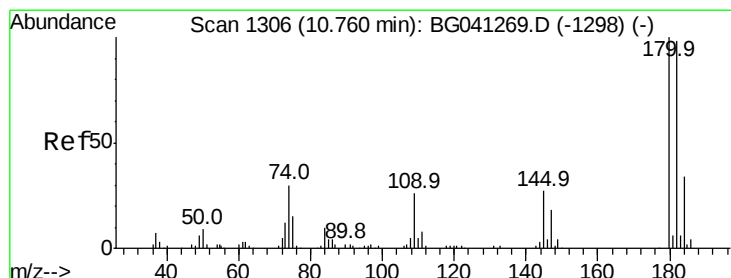
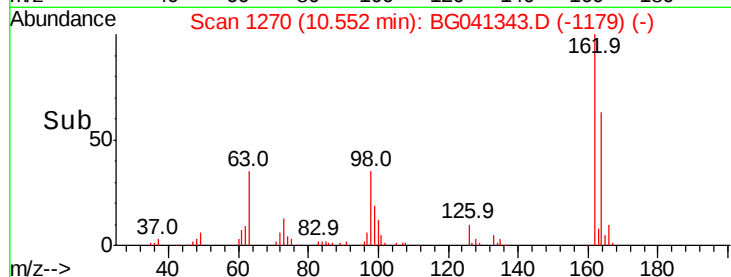
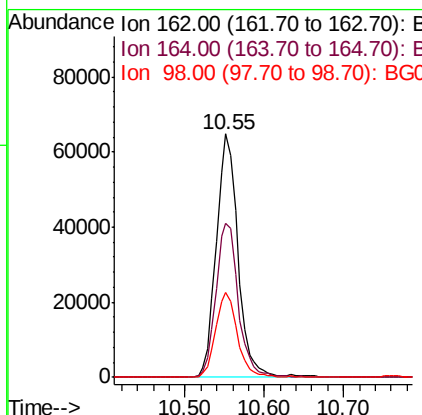
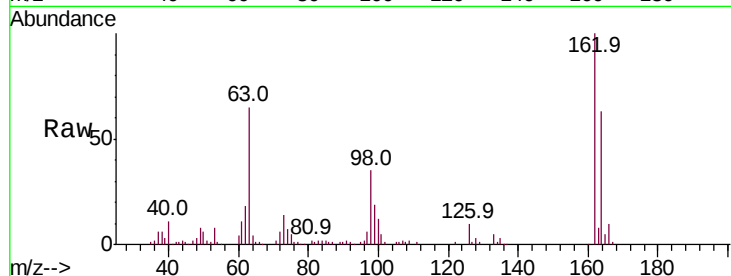




#29
 2,4-Dichlorophenol
 Concen: 44.372 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

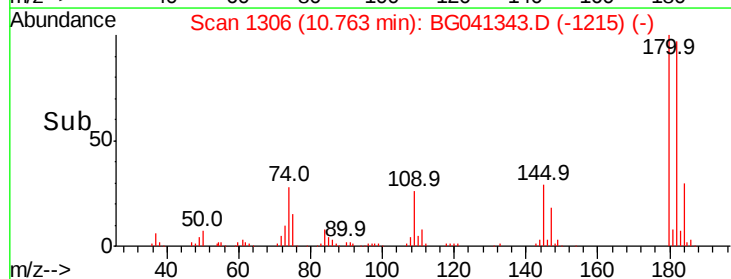
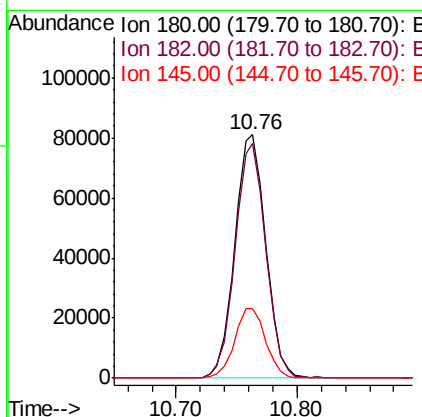
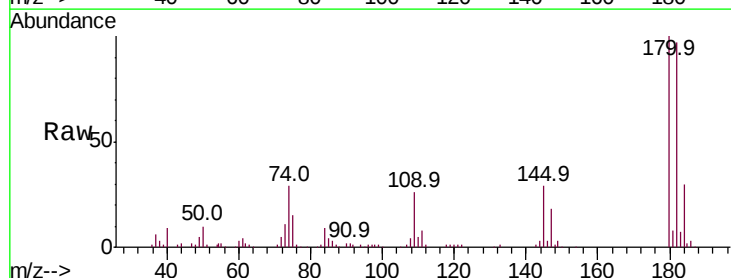
Instrument :
 BNA_G
 ClientSampleId :

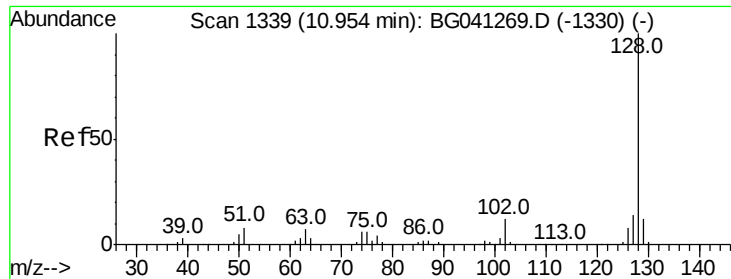
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.0	86.0
98	34.8	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.755 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.6	117.8
145	28.6	21.7	32.5

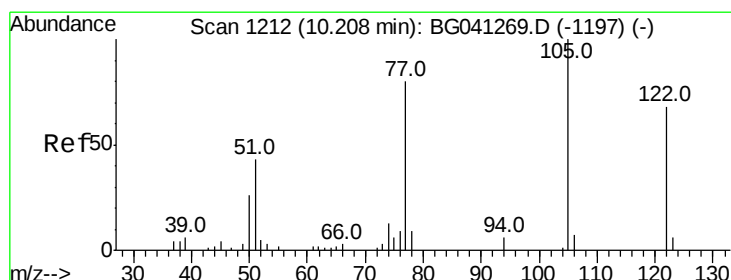
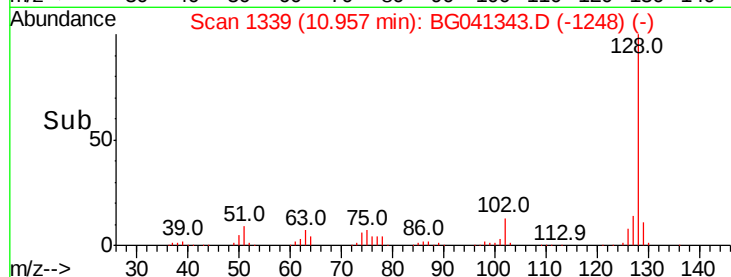
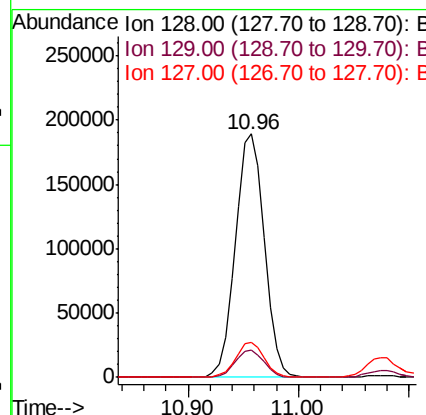
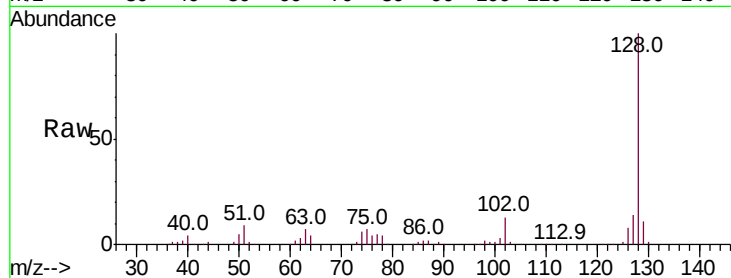




#31
Naphthalene
Concen: 41.568 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

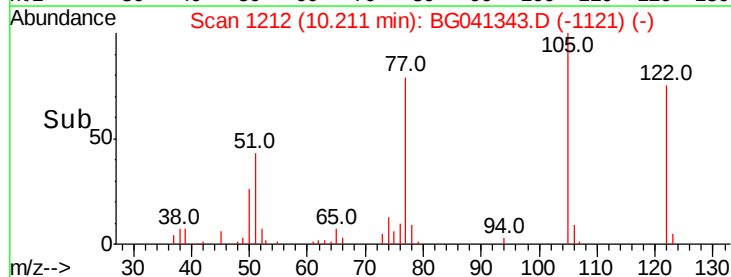
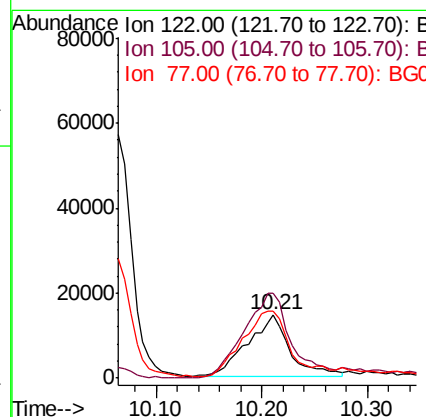
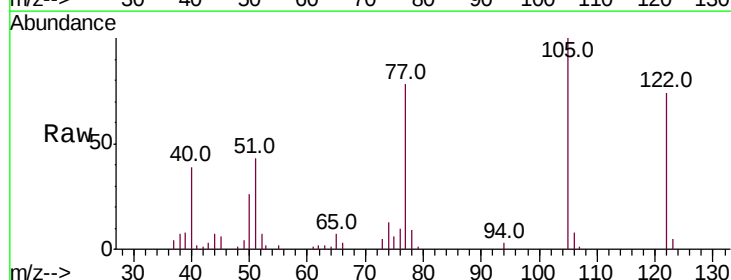
Instrument :
BNA_G
ClientSampleId :

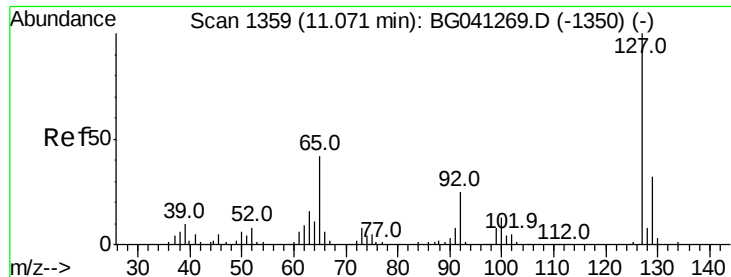
Tot Ion:128 Resp: 348887
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.3 11.2 16.8



#32
Benzoic acid
Concen: 28.311 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:122 Resp: 41362
Ion Ratio Lower Upper
122 100
105 135.2 124.2 164.2
77 106.0 97.2 137.2

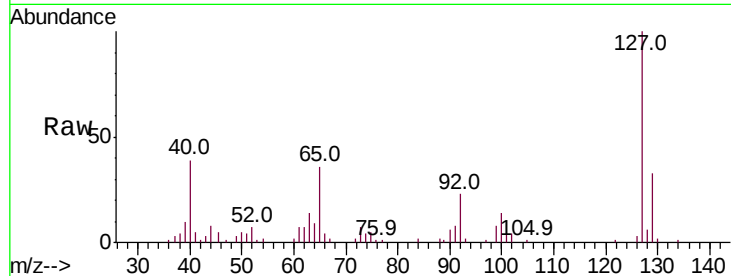




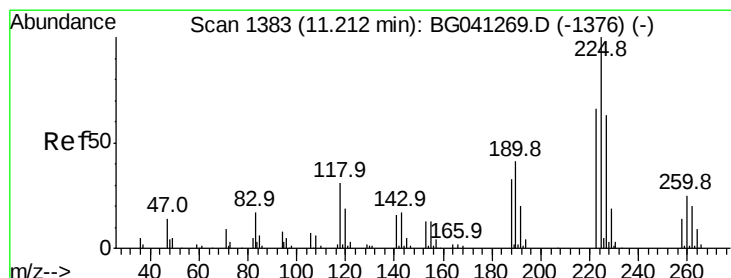
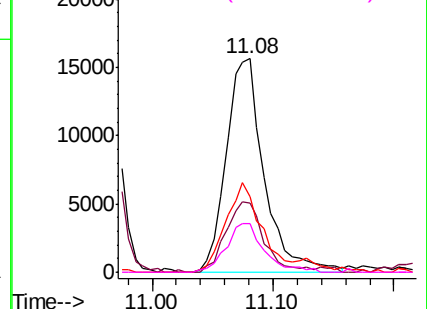
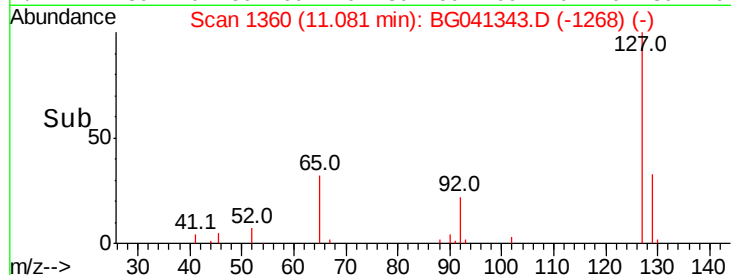
#33
4-Chloroaniline
Concen: 9.571 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 34115
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 35.6 33.8 50.8
92 22.6 20.2 30.4

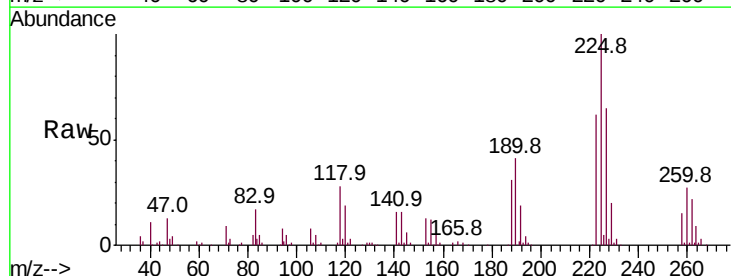


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

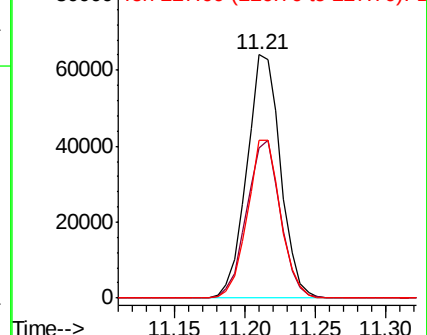
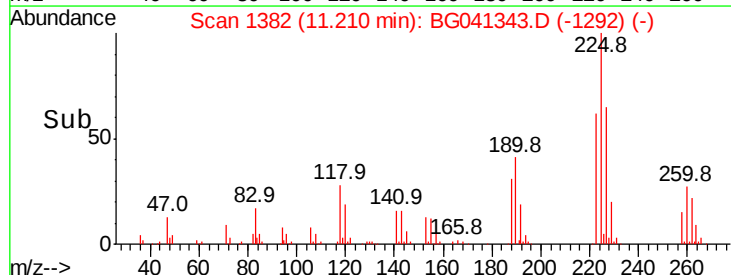


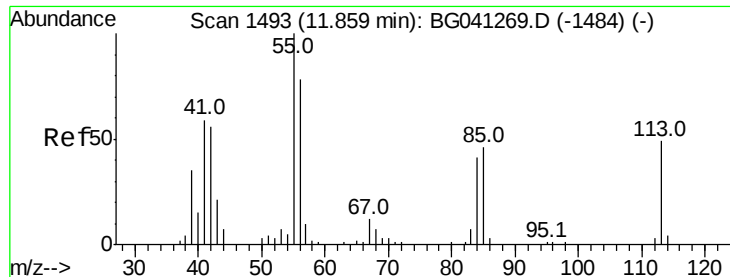
#34
Hexachlorobutadiene
Concen: 37.934 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:225 Resp: 107313
Ion Ratio Lower Upper
225 100
223 61.9 52.5 78.7
227 64.6 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: 18.692 ng

RT: 11.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampled :

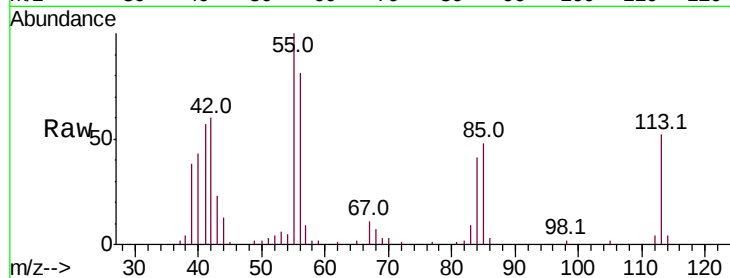
Tot Ion:113 Resp: 17907

Ion Ratio Lower Upper

113 100

55 191.0 182.6 222.6

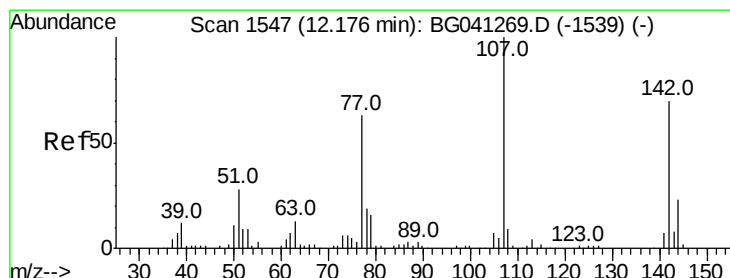
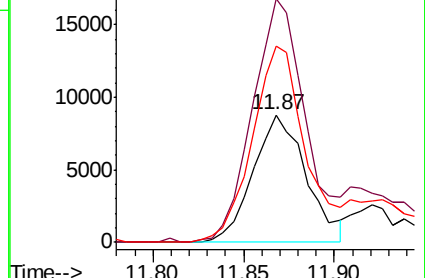
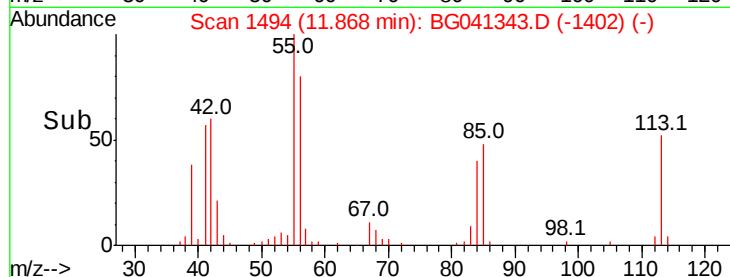
56 154.1 137.5 177.5



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: 42.477 ng

RT: 12.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

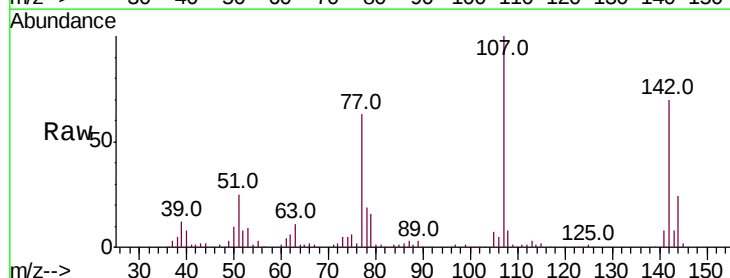
Tgt Ion:107 Resp: 136534

Ion Ratio Lower Upper

107 100

144 24.1 18.5 27.7

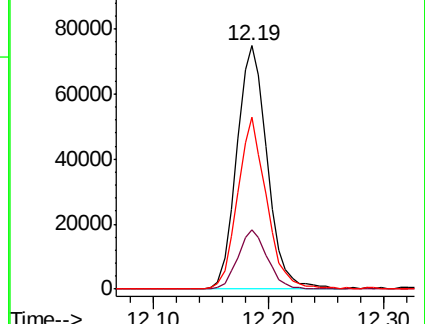
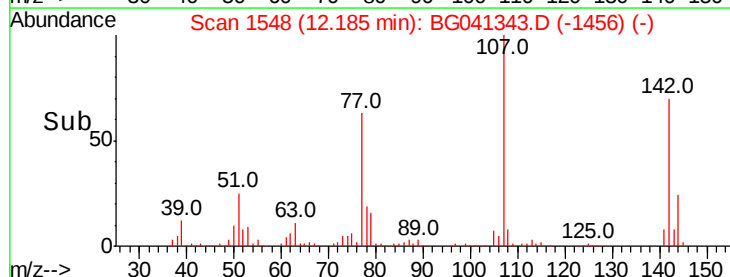
142 70.4 56.3 84.5

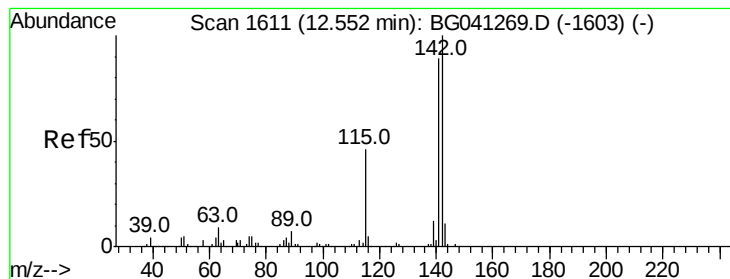


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.112 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

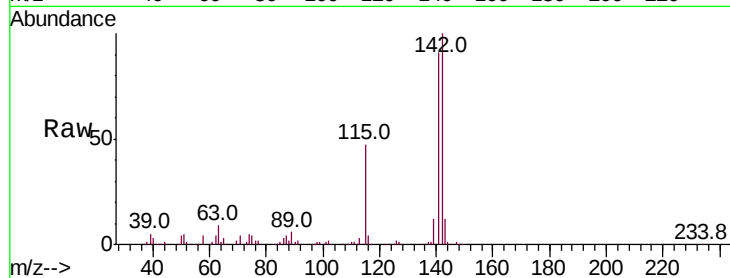
Tot Ion:142 Resp: 260323

Ion Ratio Lower Upper

142 100

141 90.7 71.5 107.3

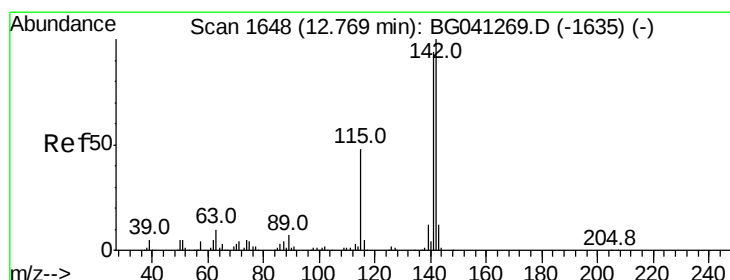
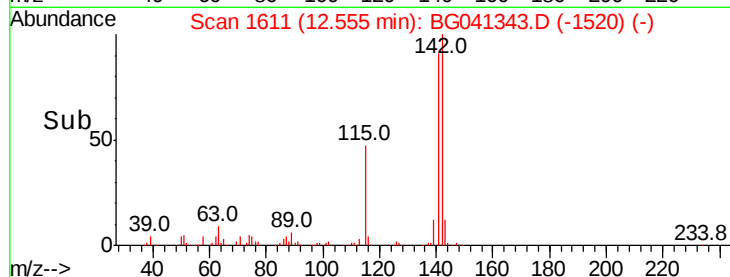
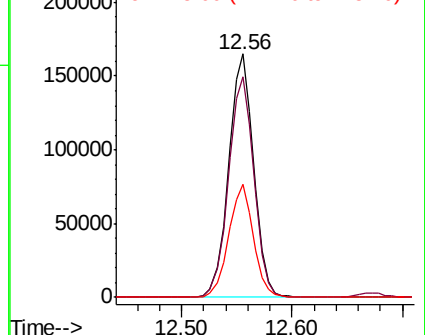
115 46.5 37.0 55.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.538 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

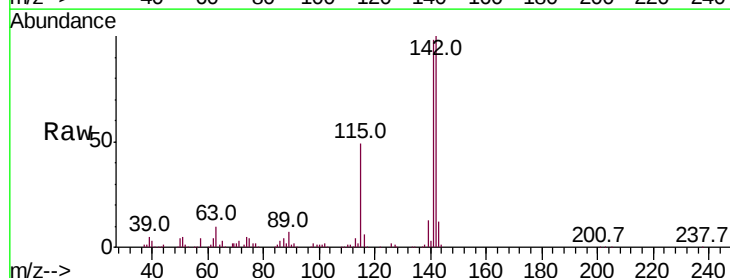
Tgt Ion:142 Resp: 245674

Ion Ratio Lower Upper

142 100

141 97.6 75.0 112.6

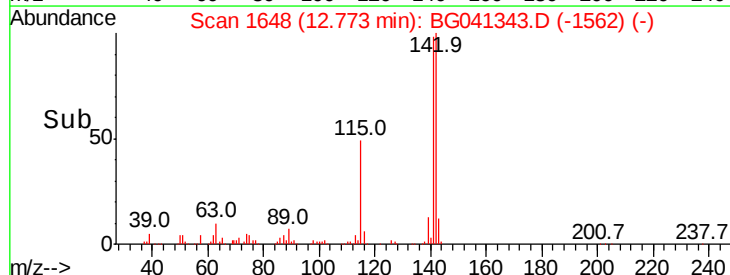
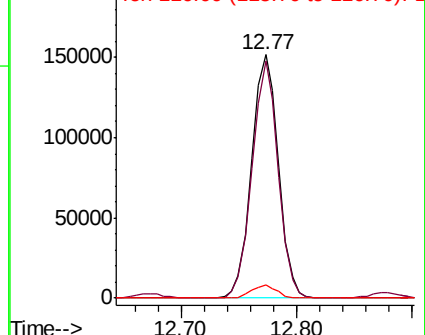
116 5.5 4.2 6.2

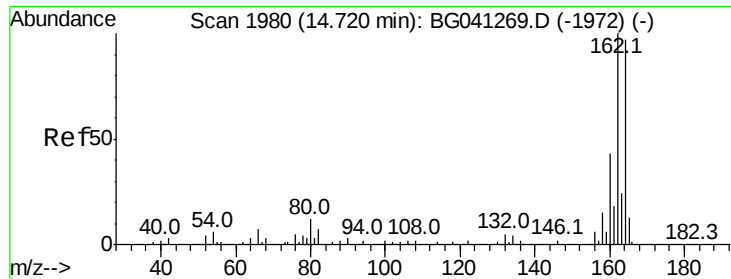


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

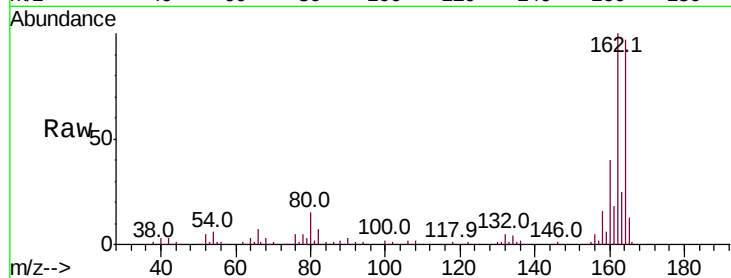
Tot Ion:164 Resp: 105464

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

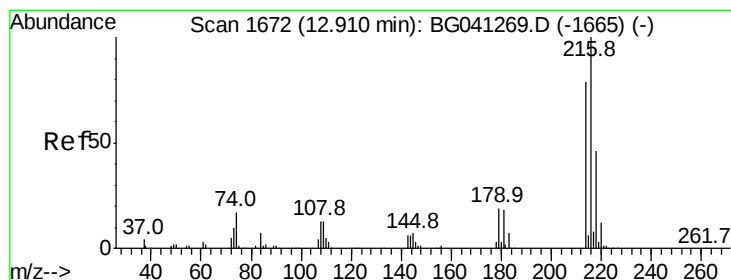
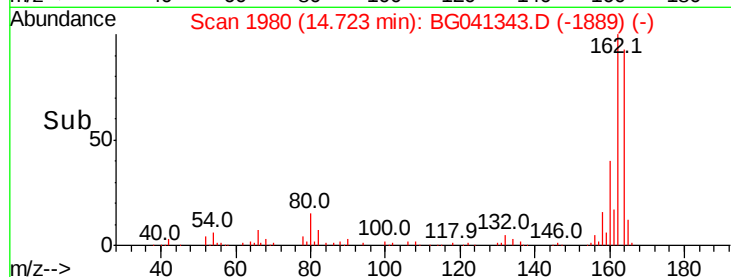
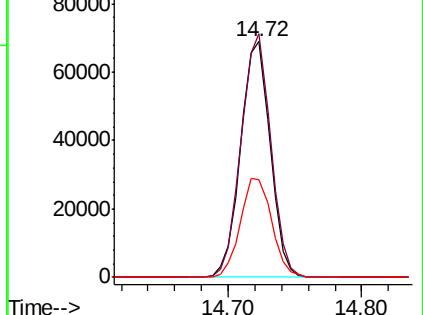
160 41.6 35.8 53.8



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: 44.971 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:216 Resp: 195845

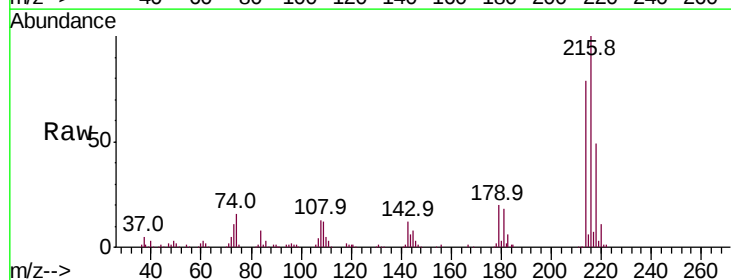
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 19.1 15.2 22.8

108 14.4 12.4 18.6

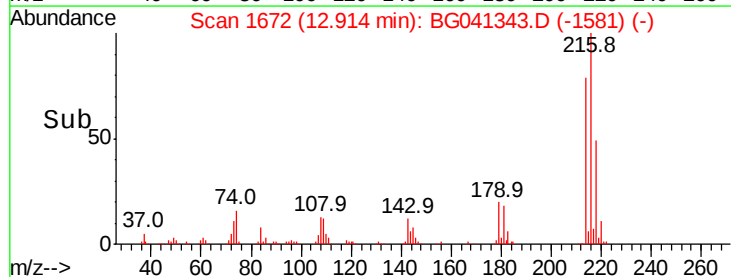
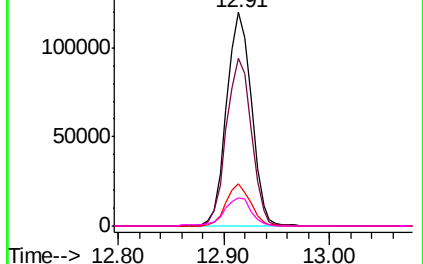


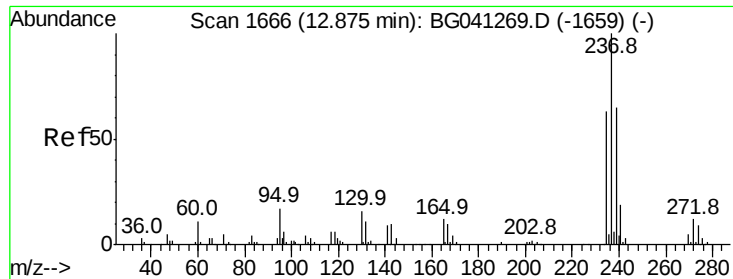
Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.956 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

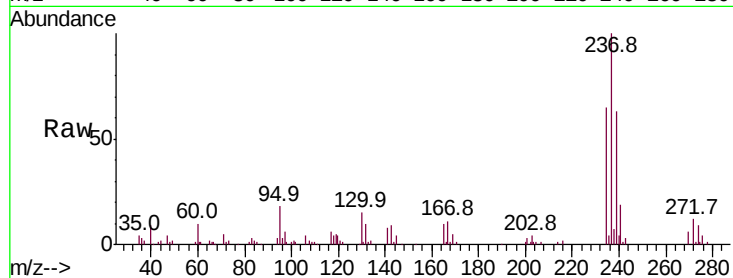
Tot Ion:237 Resp: 61473

Ion Ratio Lower Upper

237 100

235 65.4 42.9 82.9

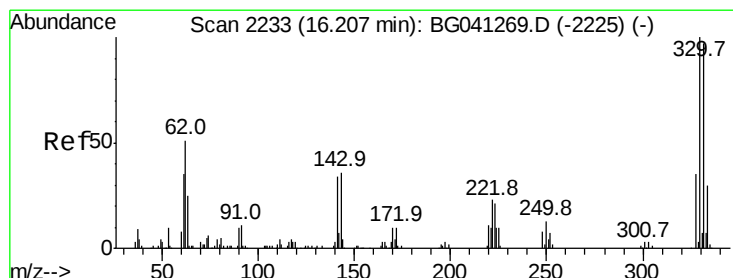
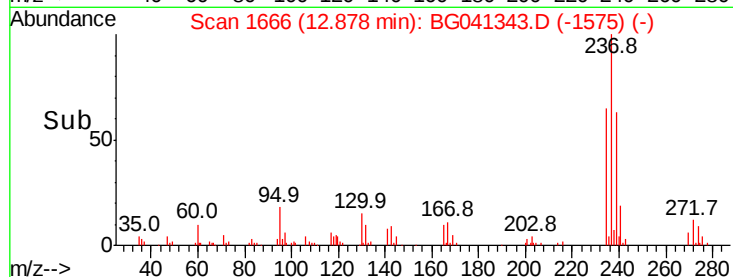
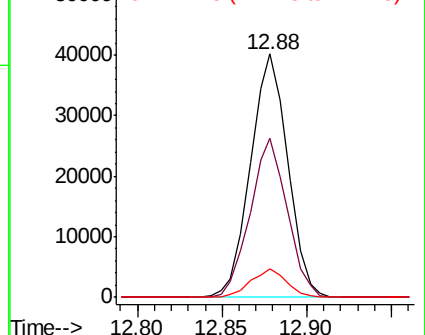
272 11.8 0.0 32.0



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: 140.837 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

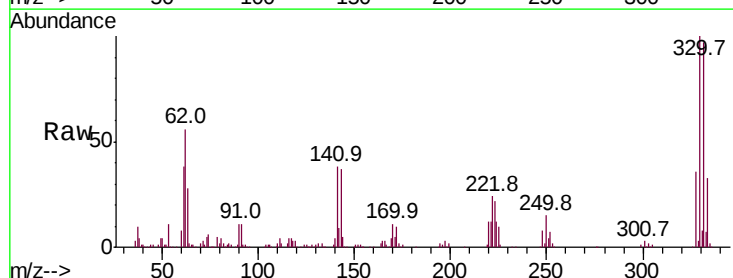
Tgt Ion:330 Resp: 228030

Ion Ratio Lower Upper

330 100

332 95.7 75.5 113.3

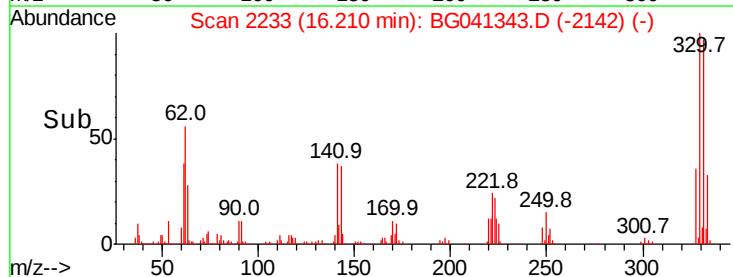
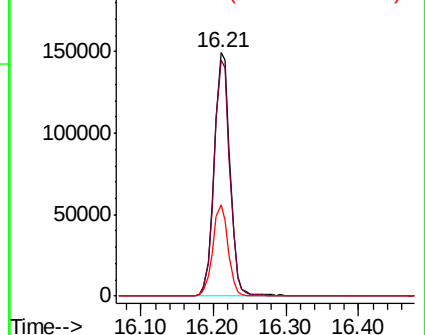
141 36.3 29.0 43.4

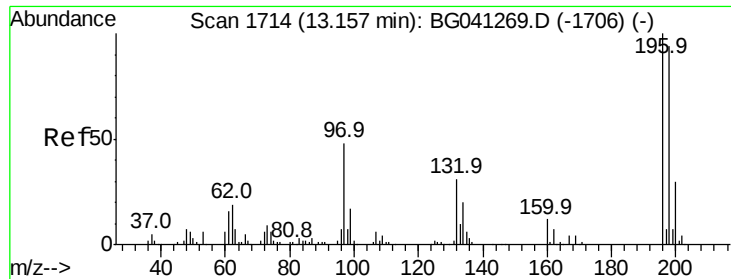


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

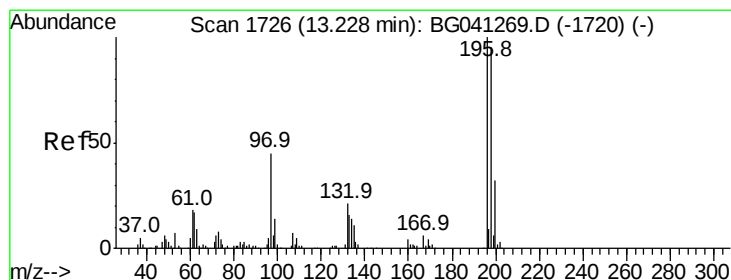
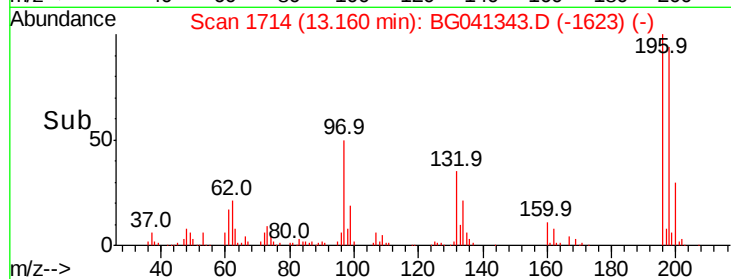
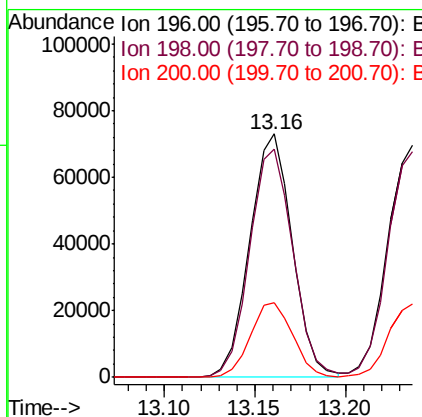
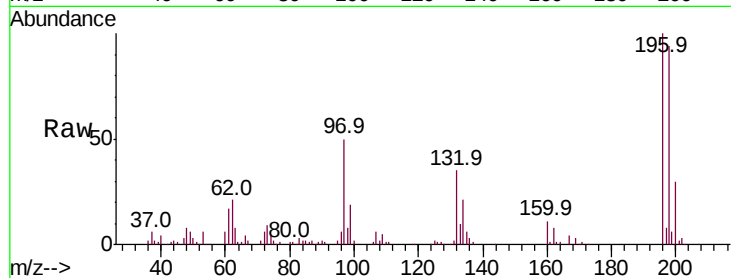




#43
 2,4,6-Trichlorophenol
 Concen: 44.121 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

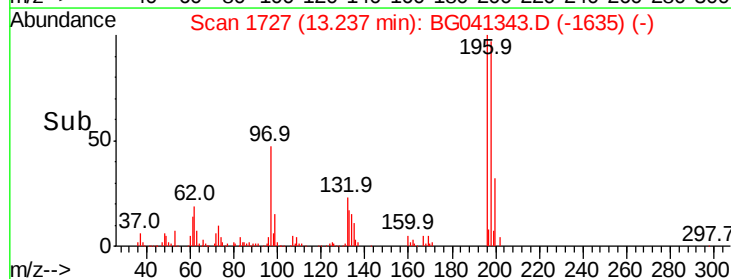
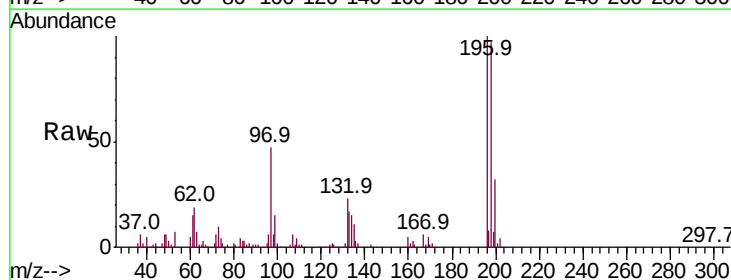
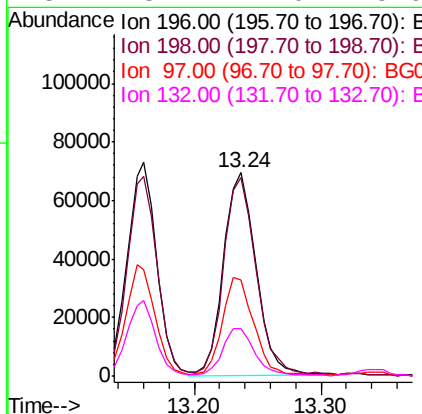
Instrument :
 BNA_G
 ClientSampled :

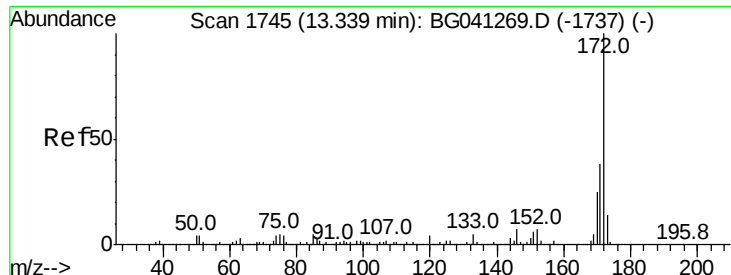
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.9	112.3
200	30.4	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.402 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.1	114.1
97	47.1	35.9	53.9
132	23.4	17.0	25.6

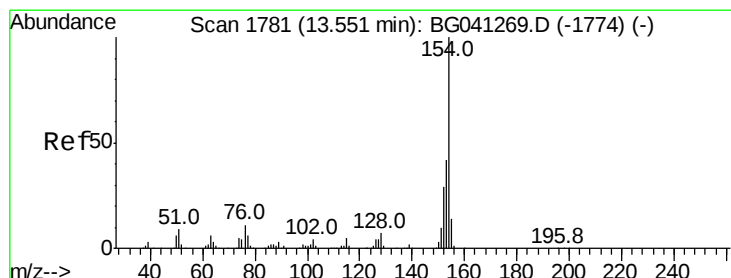
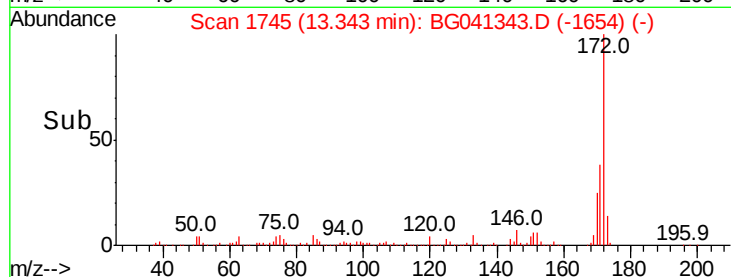
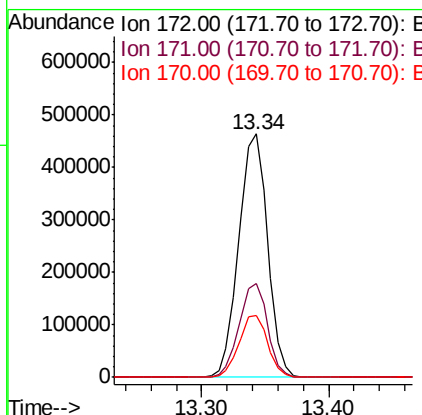
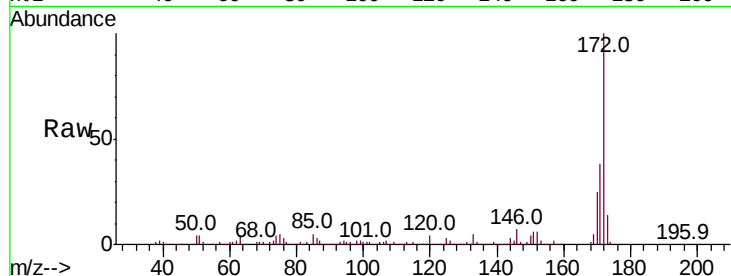




#45
2-Fluorobiphenyl
Concen: 94.069 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

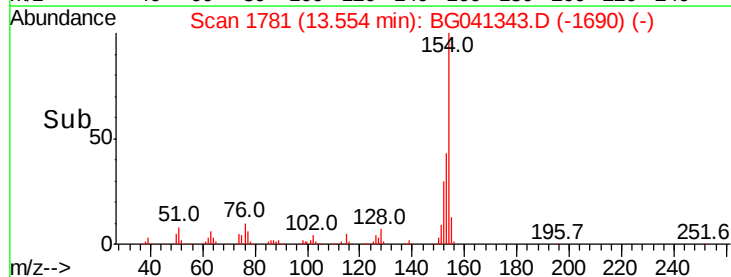
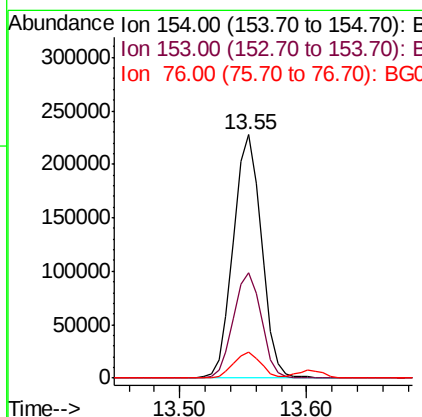
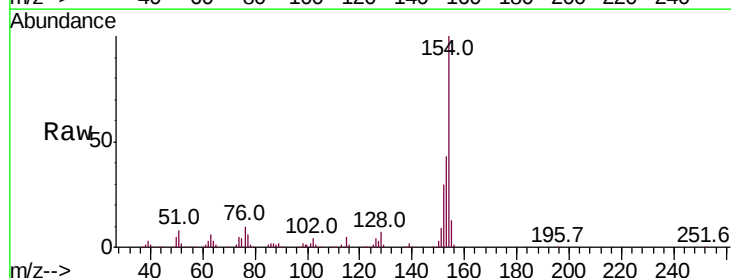
Instrument :
BNA_G
ClientSampleId :

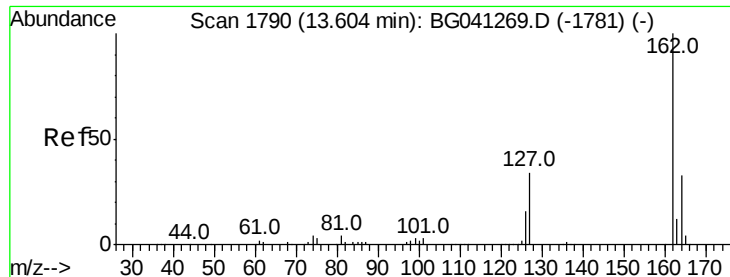
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.4	19.8	29.6



#46
1,1'-Biphenyl
Concen: 43.827 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.3	62.3
76	10.4	0.0	30.8

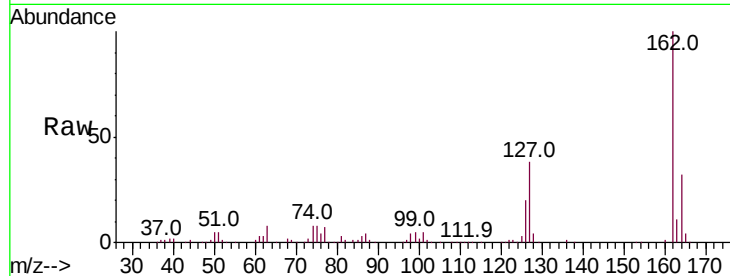




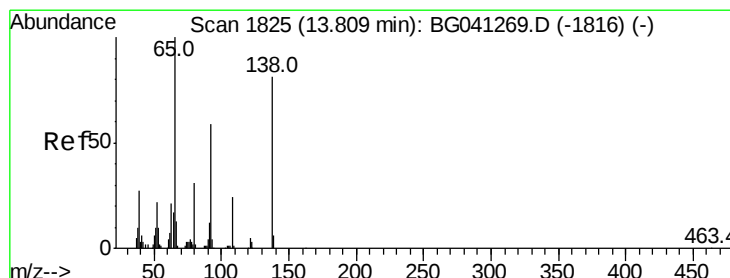
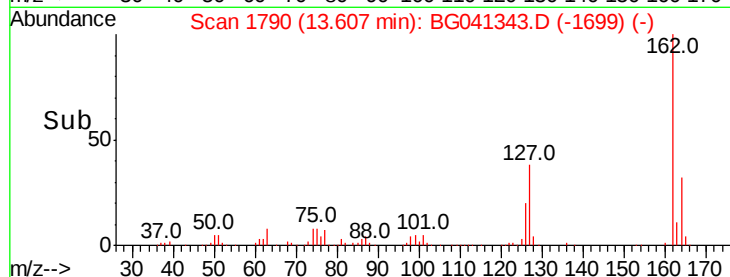
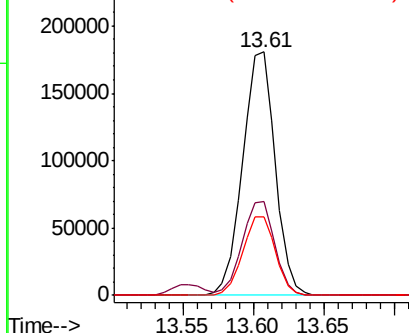
#47
 2-Chloronaphthalene
 Concen: 42.523 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.4
164	32.3	26.1	39.1

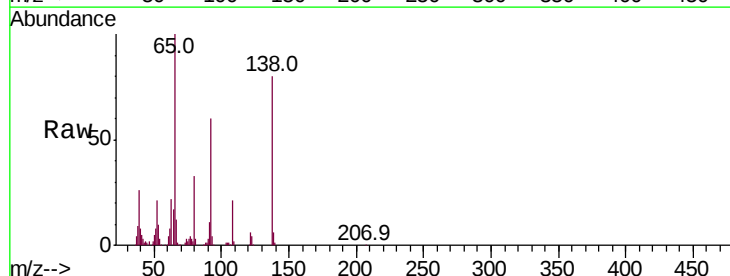


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

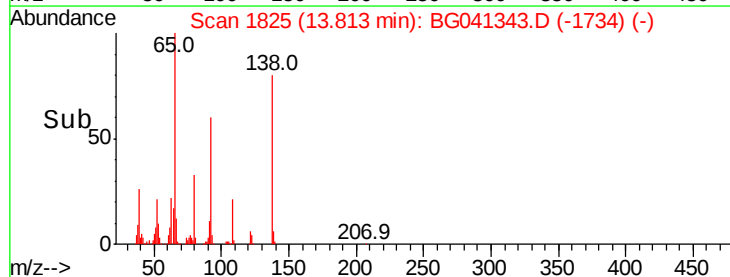
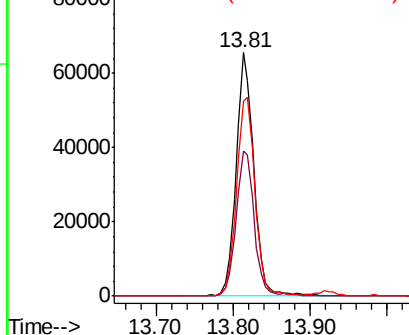


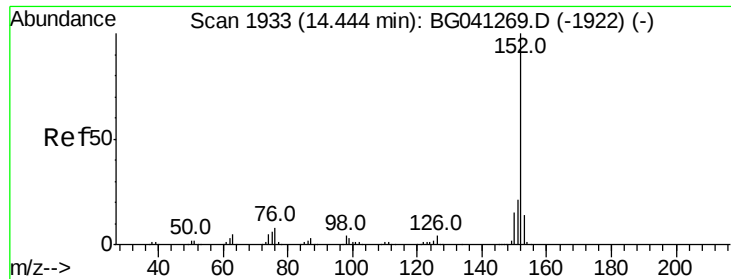
#48
 2-Nitroaniline
 Concen: 41.900 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.8	47.4	71.2
138	80.0	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: 43.469 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

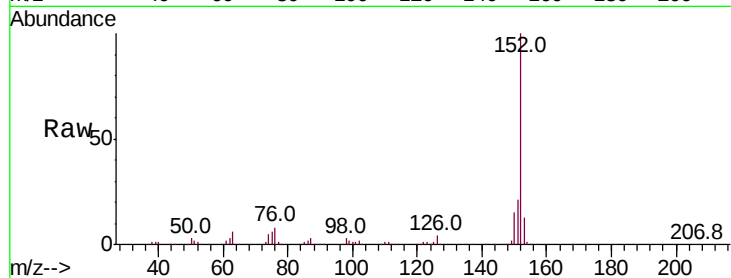
Tot Ion:152 Resp: 452783

Ion Ratio Lower Upper

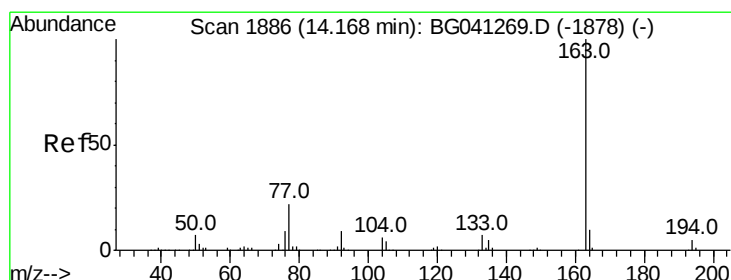
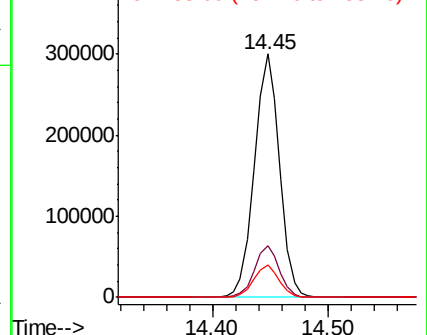
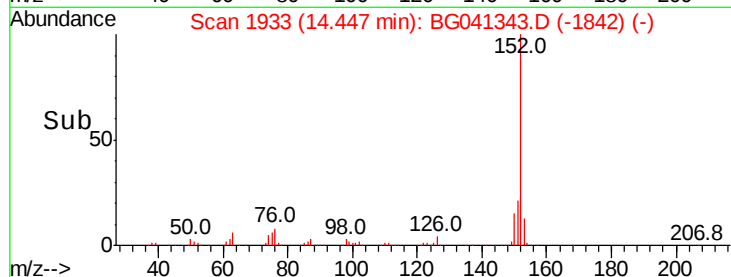
152 100

151 21.5 16.8 25.2

153 13.1 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: 39.595 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

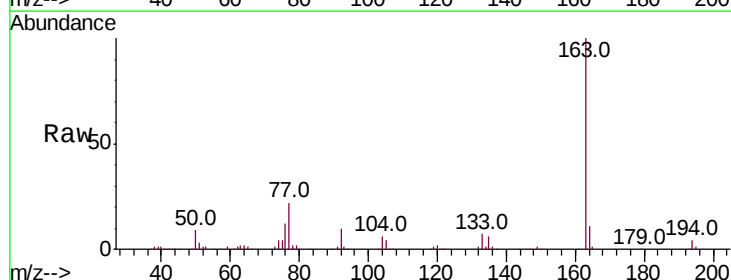
Tgt Ion:163 Resp: 371553

Ion Ratio Lower Upper

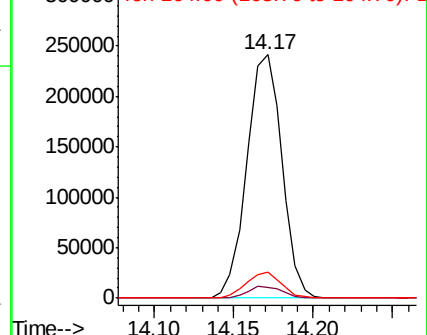
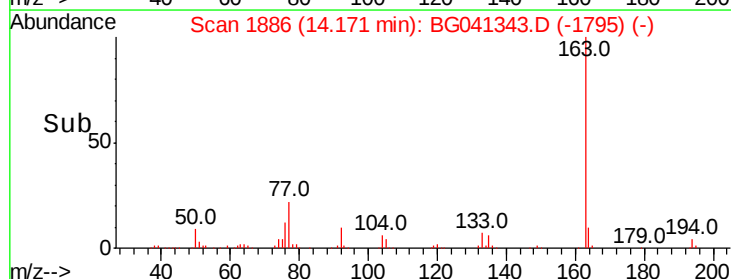
163 100

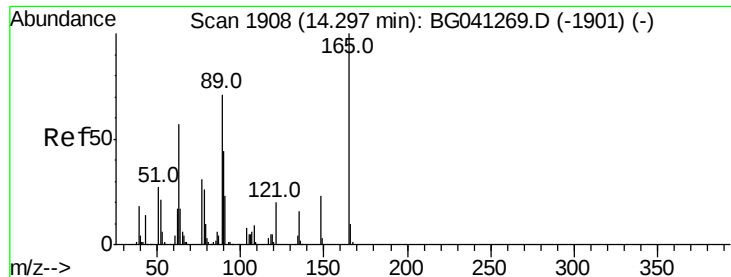
194 4.5 3.9 5.9

164 10.5 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: 42.452 ng

RT: 14.30 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

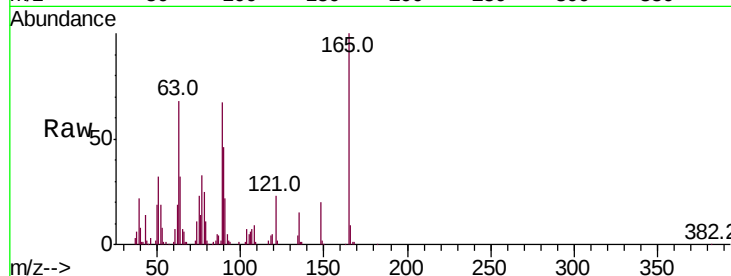
Tot Ion:165 Resp: 83996

Ion Ratio Lower Upper

165 100

63 67.6 55.4 83.0

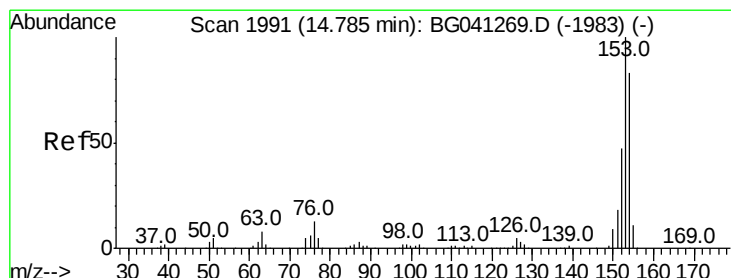
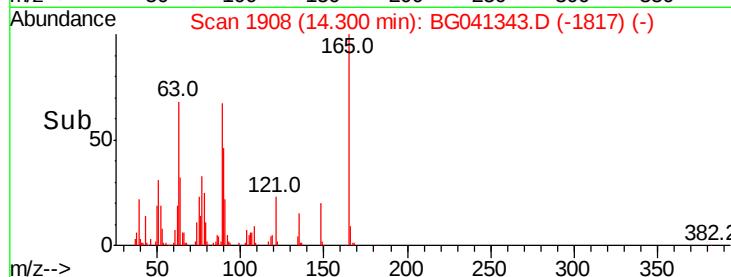
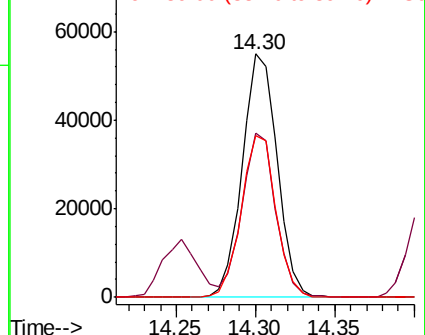
89 66.6 56.5 84.7



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



#52

Acenaphthene

Concen: 43.244 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

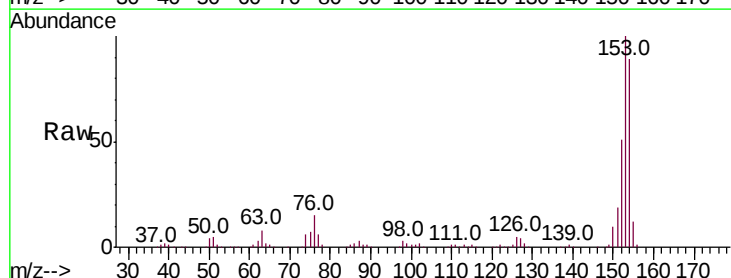
Tgt Ion:154 Resp: 264508

Ion Ratio Lower Upper

154 100

153 112.9 96.6 145.0

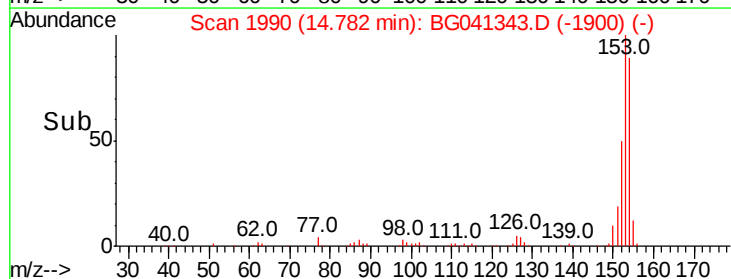
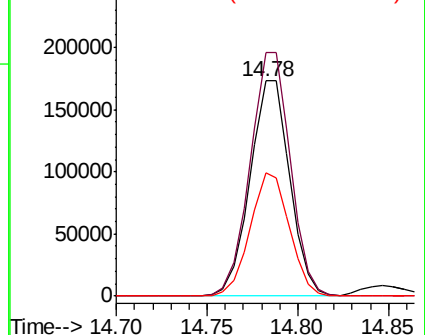
152 57.1 45.5 68.3

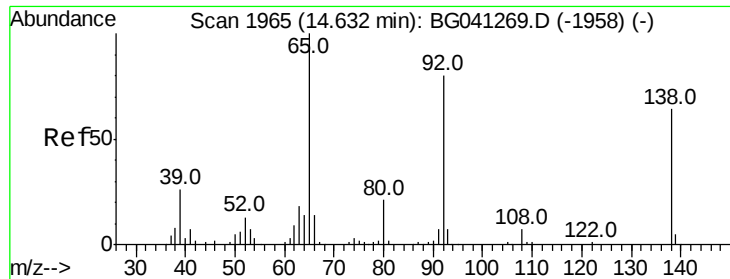


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

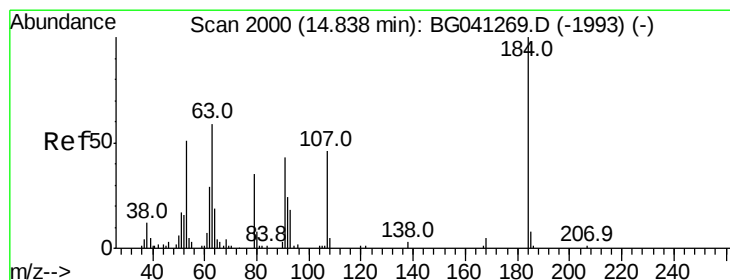
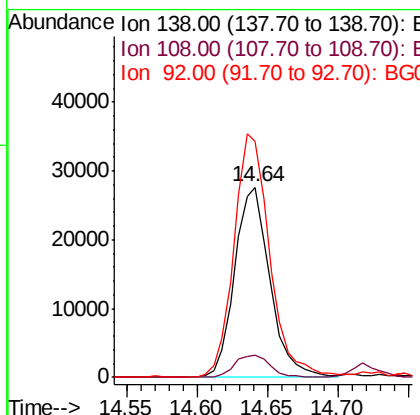
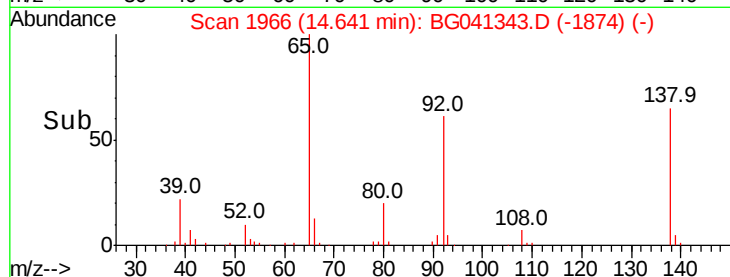
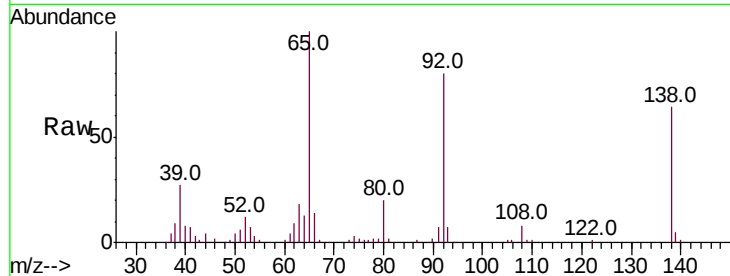




#53
3-Nitroaniline
Concen: 24.794 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

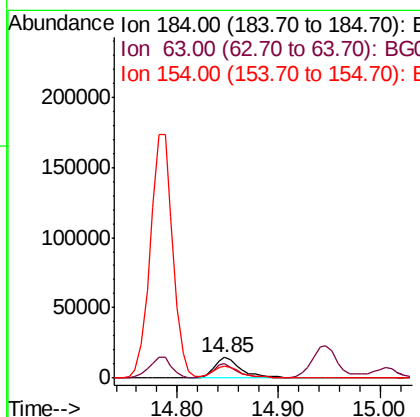
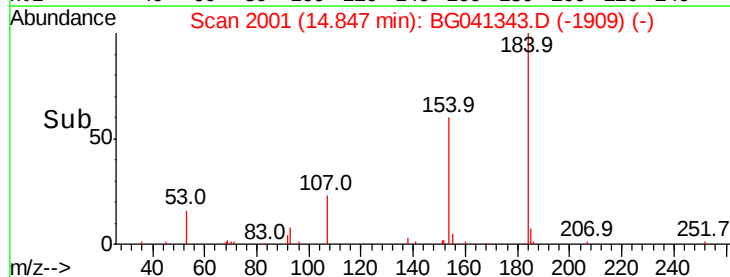
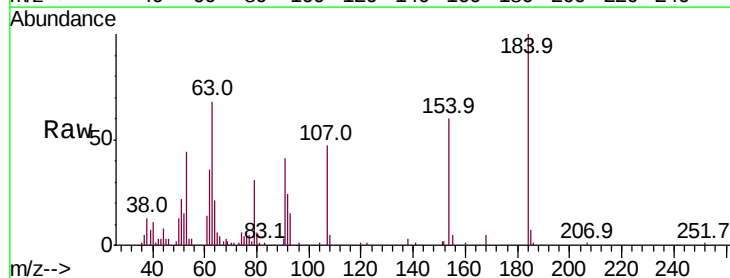
Instrument :
BNA_G
ClientSampled :

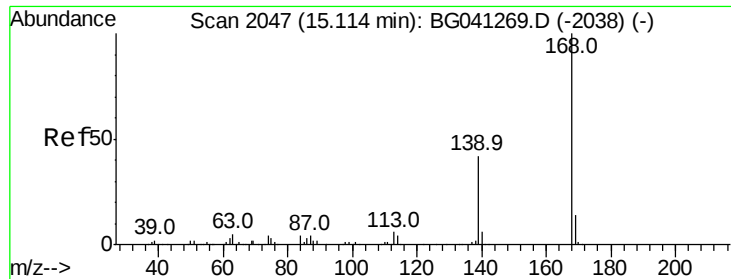
Tot Ion:138 Resp: 48334
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 123.8 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 22.948 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:184 Resp: 27414
Ion Ratio Lower Upper
184 100
63 67.7 60.0 90.0
154 60.3 58.3 87.5

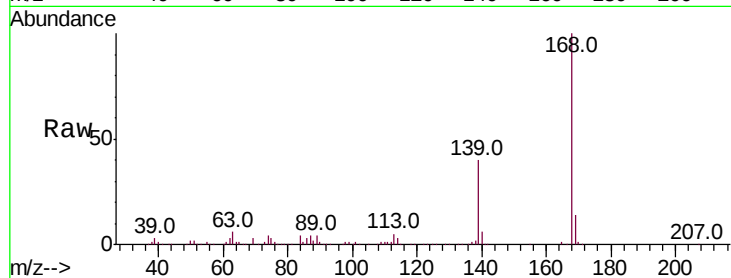




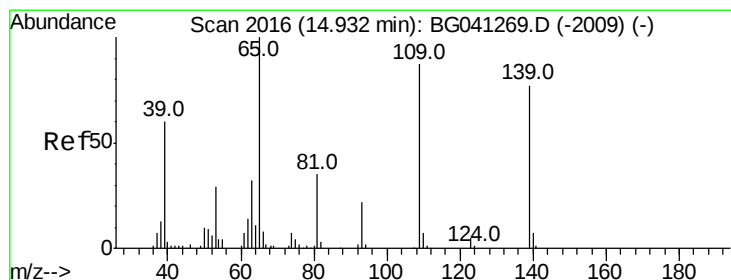
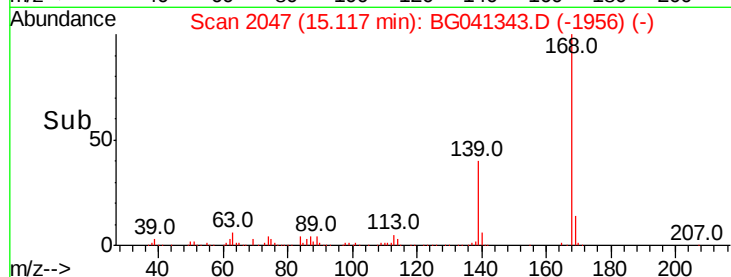
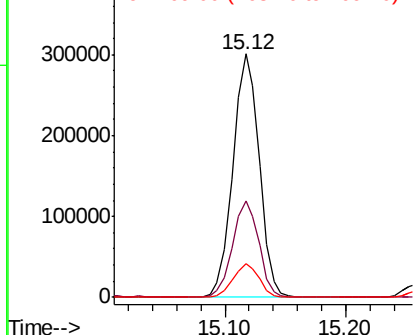
#55
Dibenzofuran
Concen: 43.038 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 457692
Ion Ratio Lower Upper
168 100
139 39.6 33.6 50.4
169 13.6 10.8 16.2

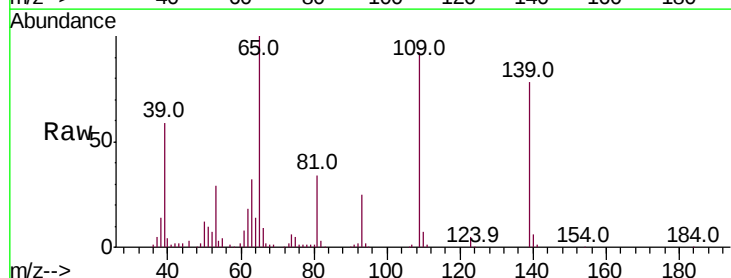


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

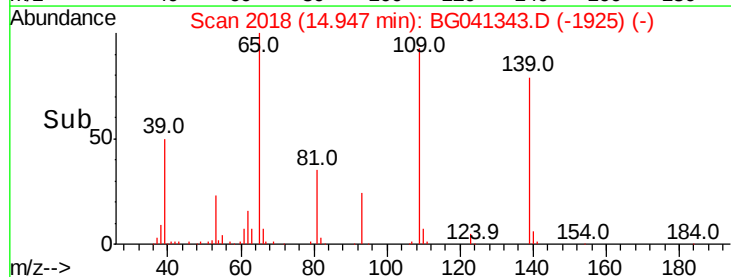
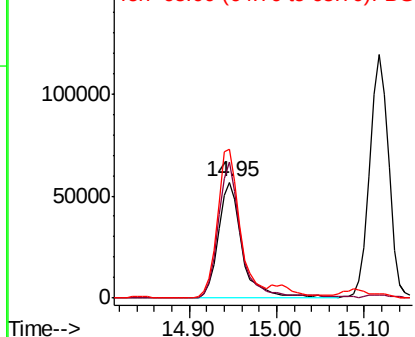


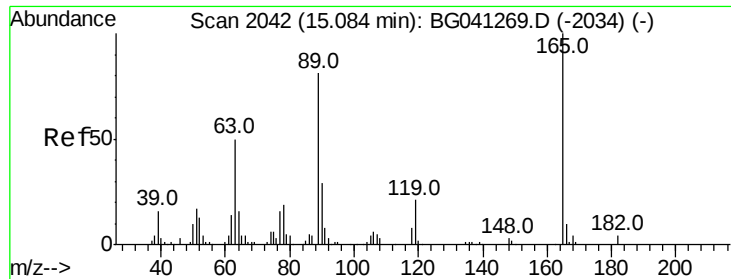
#56
4-Nitrophenol
Concen: 73.403 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:139 Resp: 108296
Ion Ratio Lower Upper
139 100
109 117.5 93.2 133.2
65 128.3 110.2 150.2



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

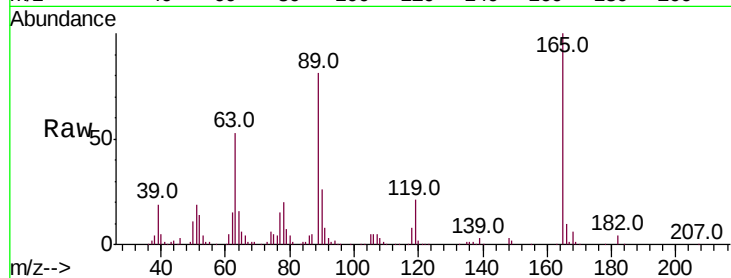




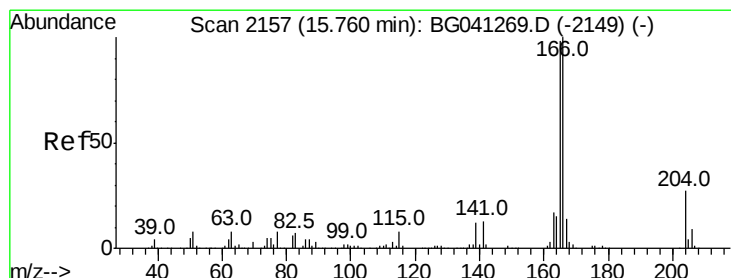
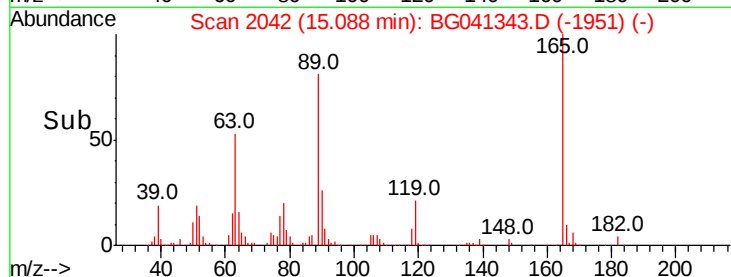
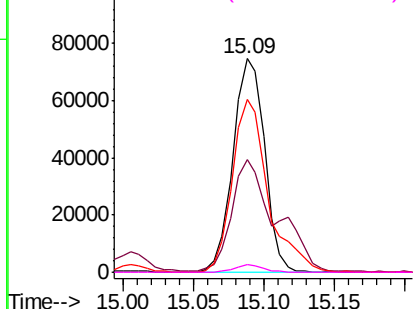
#57
 2,4-Dinitrotoluene
 Concen: 40.373 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 116773
 Ion Ratio Lower Upper
 165 100
 63 52.8 40.0 60.0
 89 80.7 64.6 96.8
 182 3.5 2.9 4.3

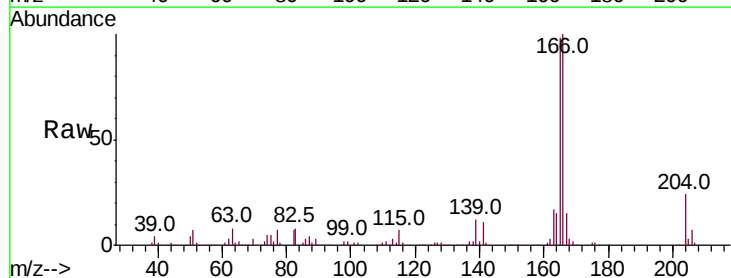


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

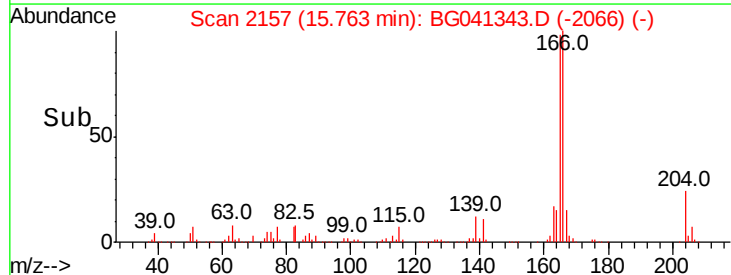
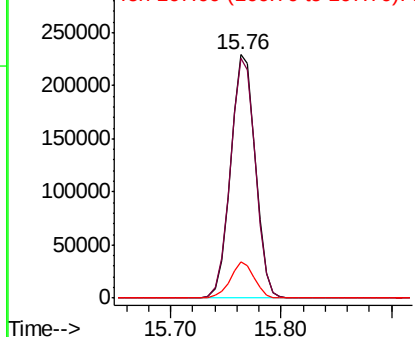


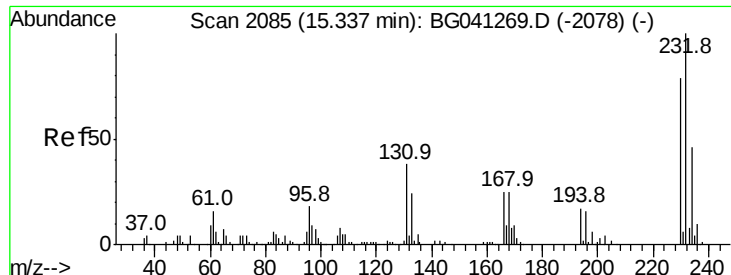
#58
 Fluorene
 Concen: 43.011 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion:166 Resp: 359820
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.8 118.2
 167 14.7 11.3 16.9



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

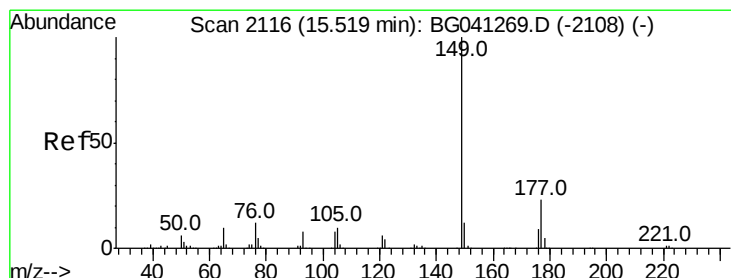
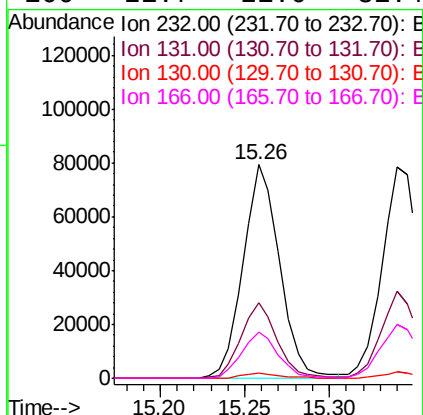
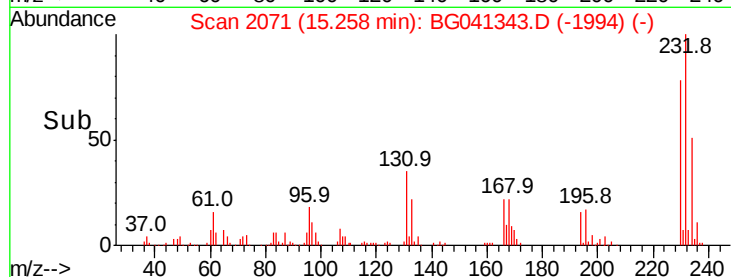
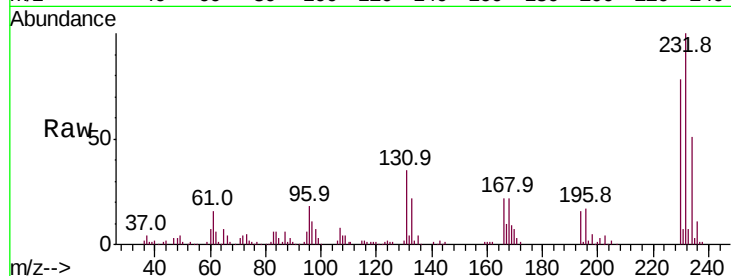




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.654 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.08 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

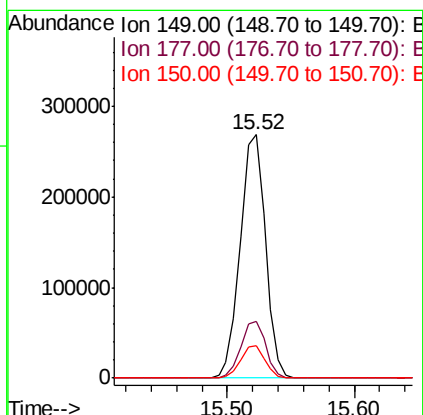
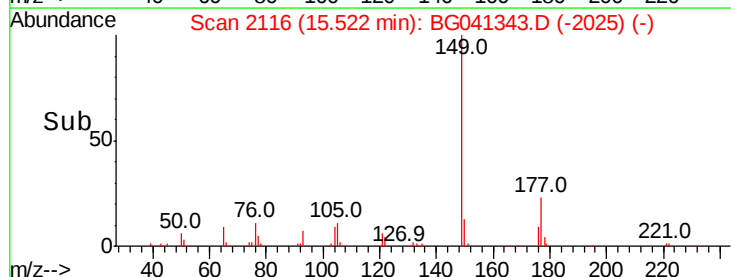
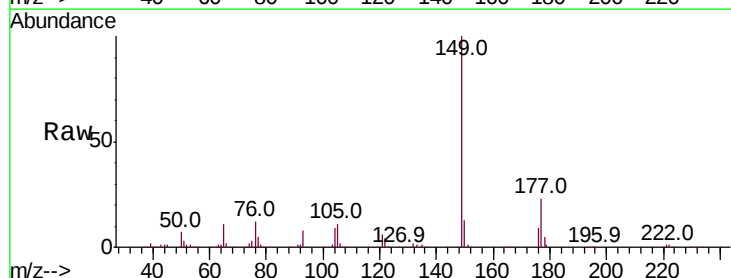
Instrument :
 BNA_G
 ClientSampleId :

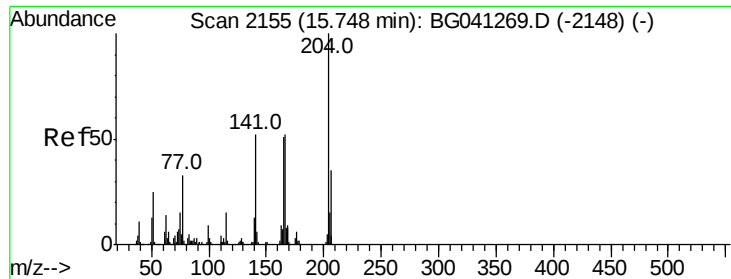
Tot Ion	Ratio	Lower	Upper
232	100		
131	34.8	29.0	43.6
130	2.4	1.6	2.4
166	21.7	21.0	31.4



#60
 Diethylphthalate
 Concen: 38.902 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	13.1	9.9	14.9

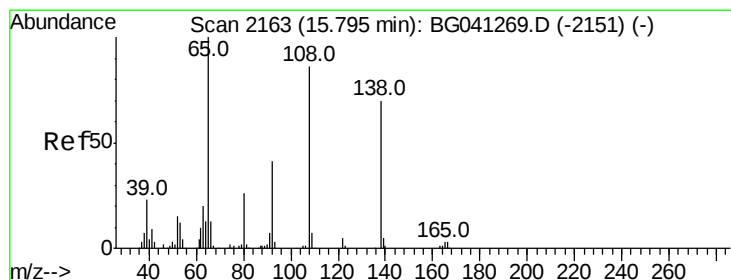
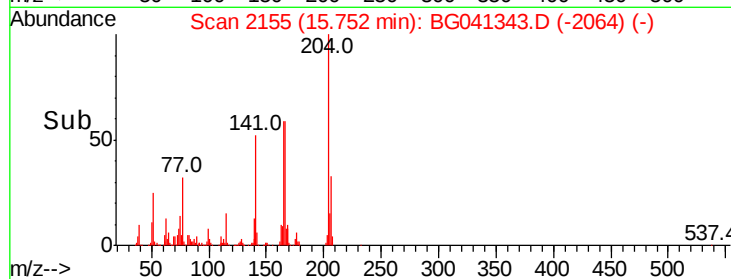
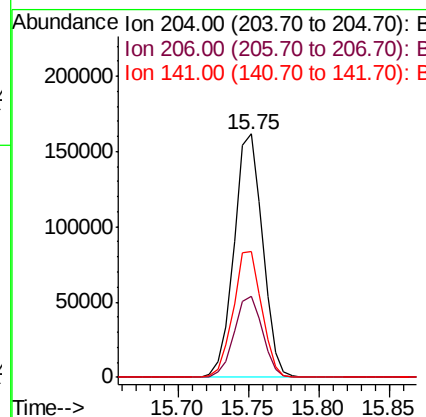
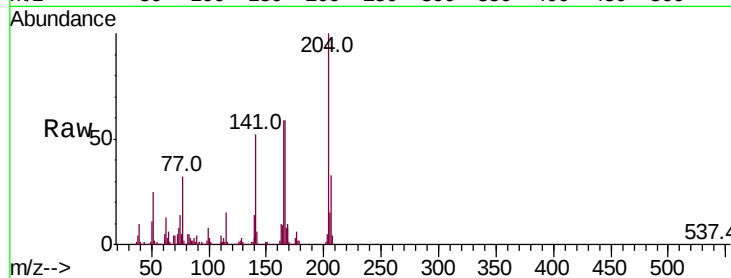




#61
4-Chlorophenyl-phenylether
Concen: 41.790 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

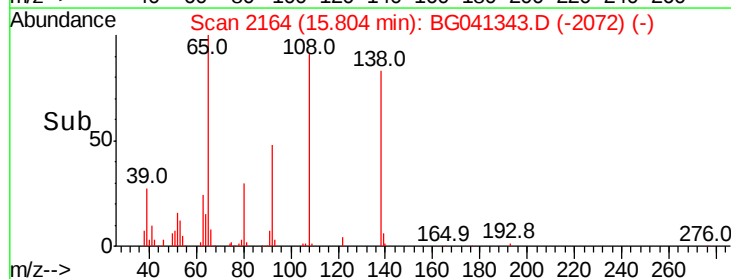
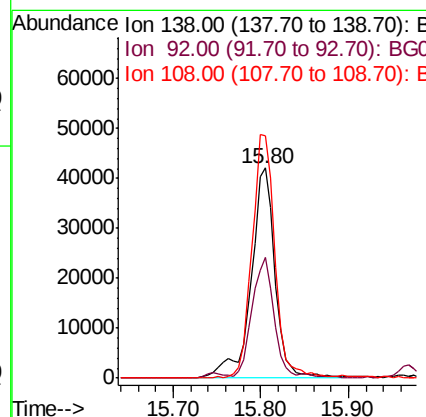
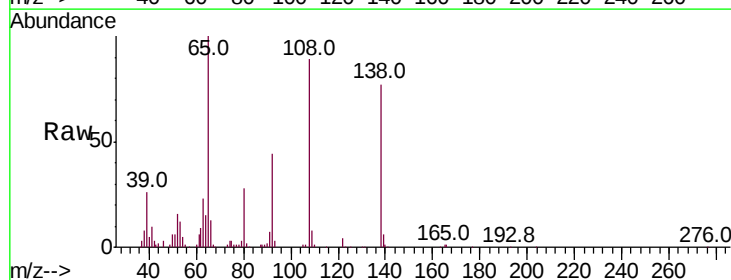
Instrument :
BNA_G
ClientSampled :

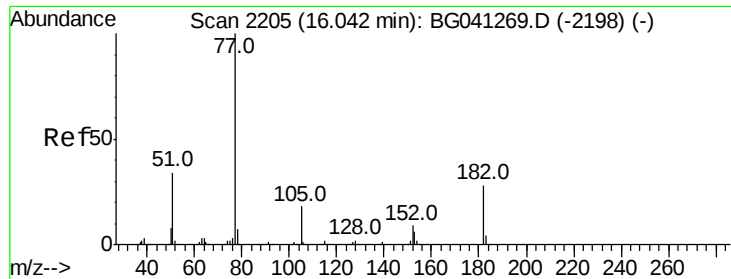
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.9	41.9
141	51.6	41.4	62.0



#62
4-Nitroaniline
Concen: 37.777 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	38.8	78.8
108	115.7	103.4	143.4

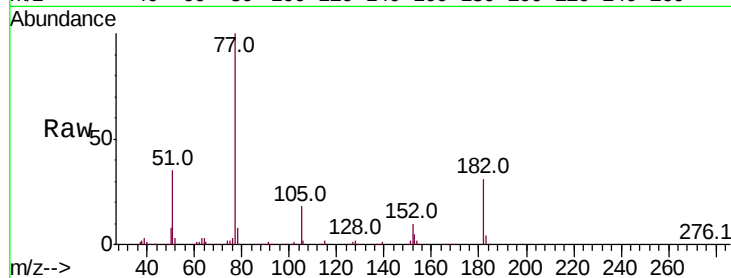




#63
Azobenzene
Concen: 41.935 ng
RT: 16.05 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	7.5	47.5
105	18.2	0.0	37.7
51	34.9	14.6	54.6



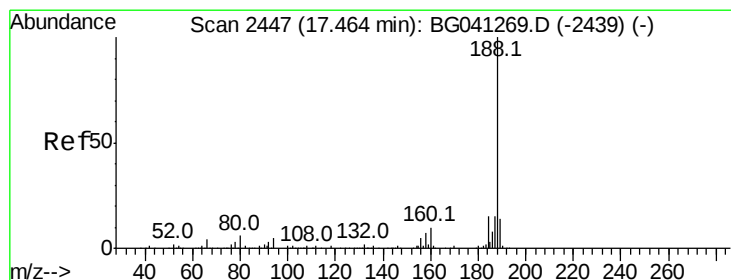
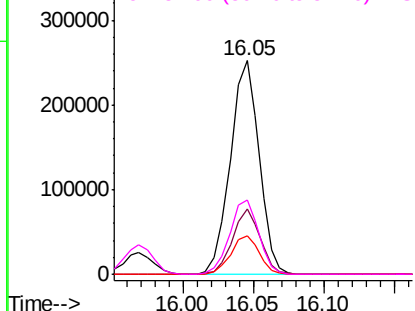
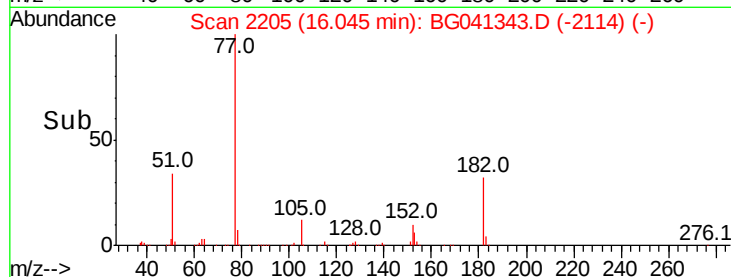
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

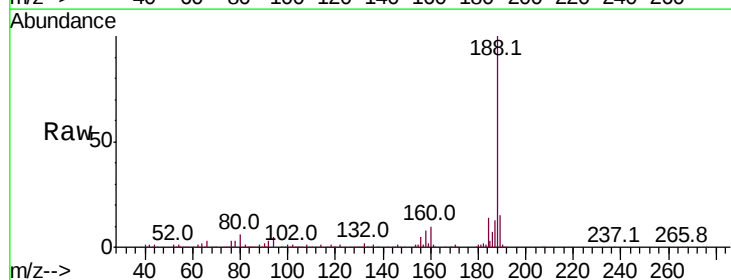
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.6	5.4
80	5.8	4.8	7.2

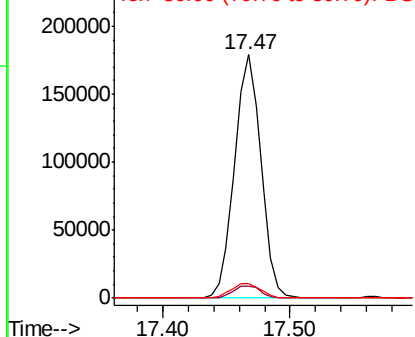
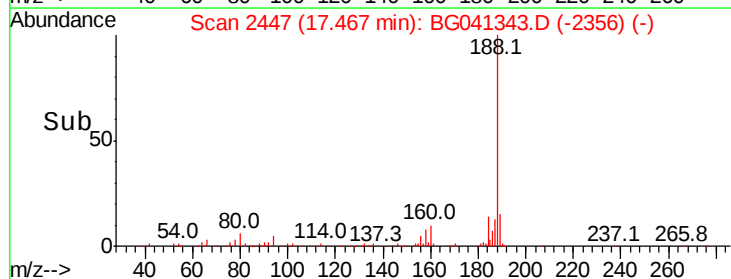


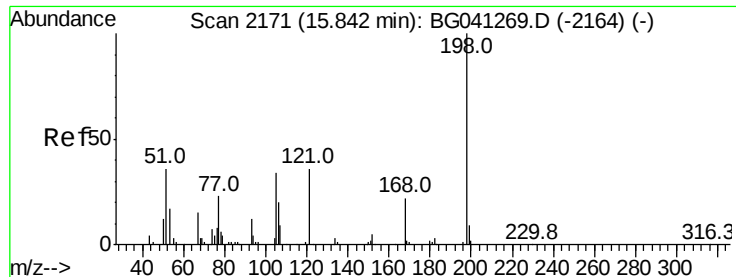
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 14.645 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

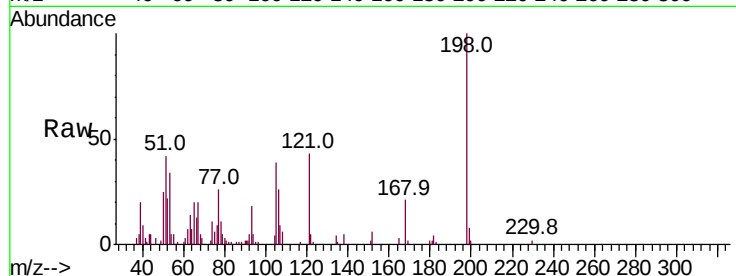
Tot Ion:198 Resp: 24485

Ion	Ratio	Lower	Upper
198	100		
51	41.7	23.4	63.4
105	39.0	15.8	55.8

198 100

51 41.7 23.4 63.4

105 39.0 15.8 55.8

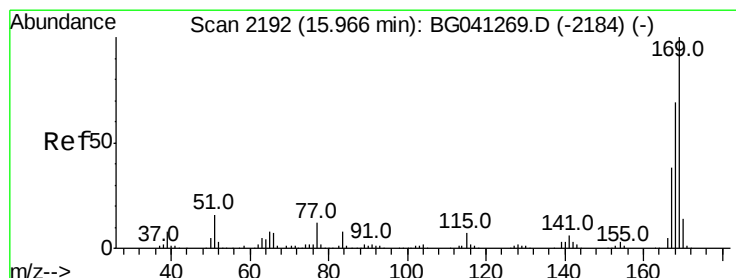
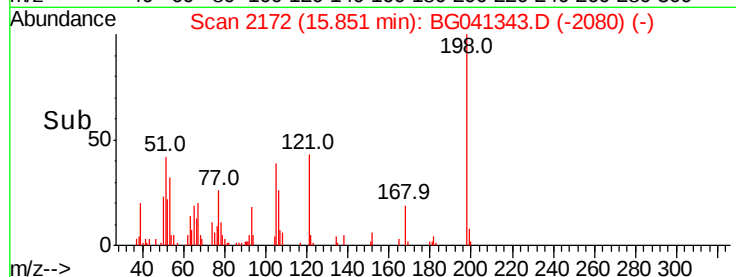
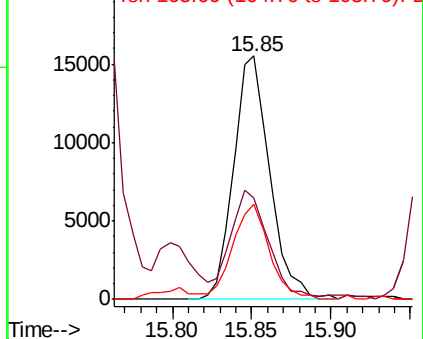


Abundance

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: 46.728 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

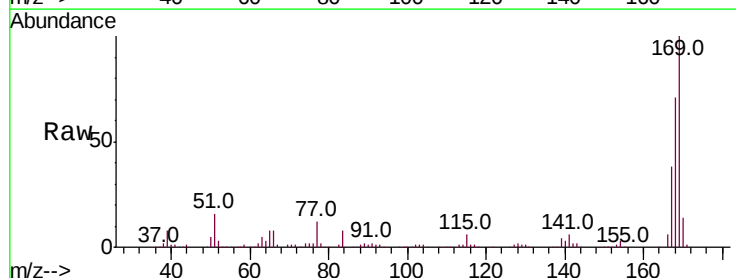
Tgt Ion:169 Resp: 319592

Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.2	82.8
167	37.6	30.4	45.6

169 100

168 70.8 55.2 82.8

167 37.6 30.4 45.6

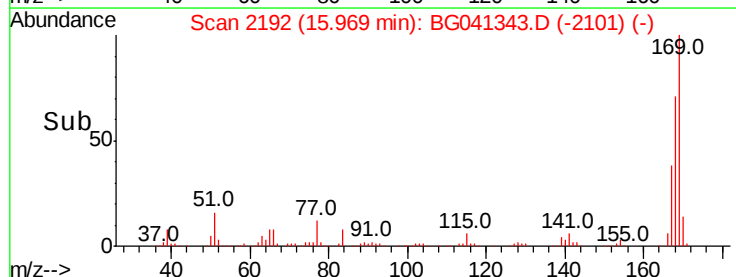
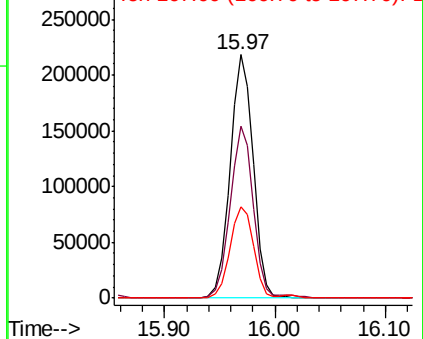


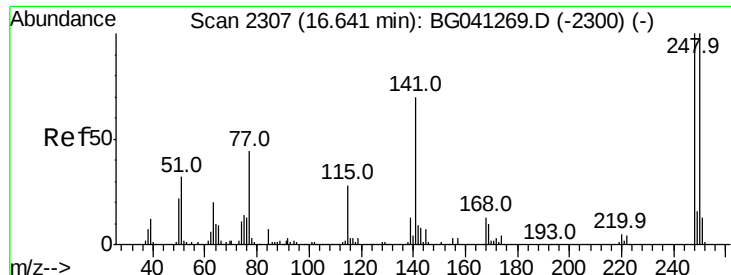
Abundance

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

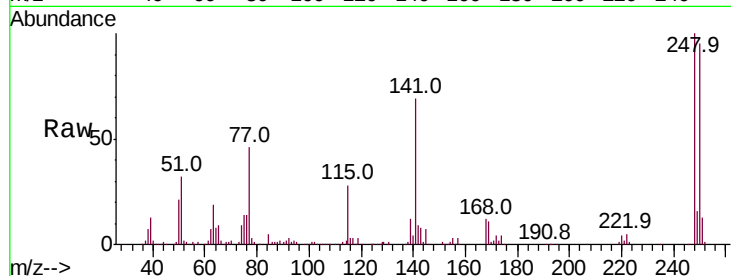




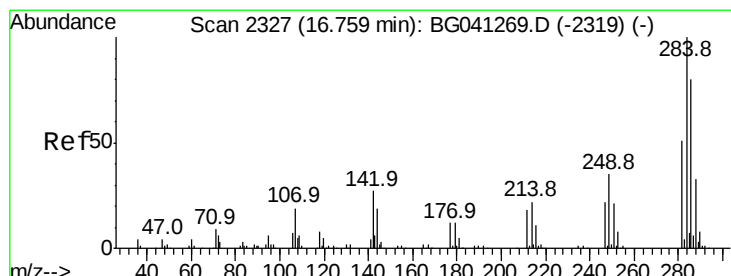
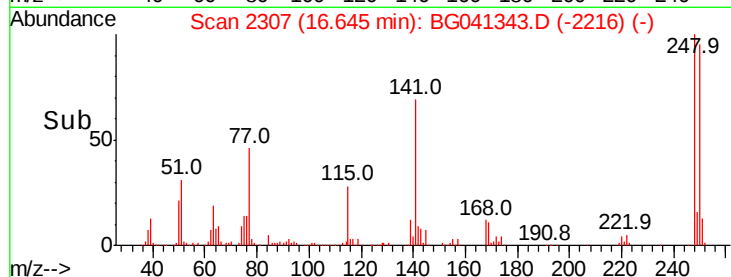
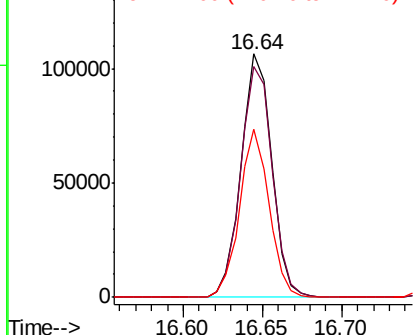
#67
4-Bromophenyl-phenylether
Concen: 42.971 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 143120
Ion Ratio Lower Upper
248 100
250 94.8 79.8 119.8
141 69.3 55.8 83.6

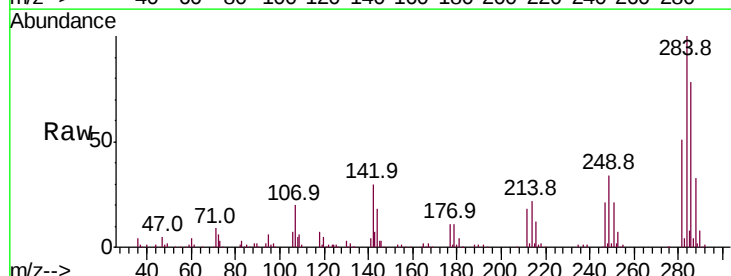


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

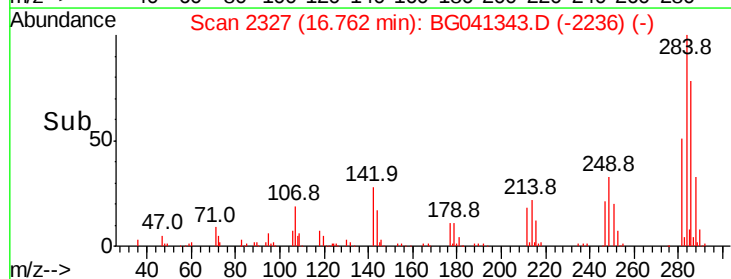
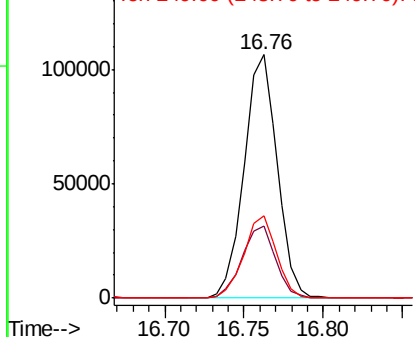


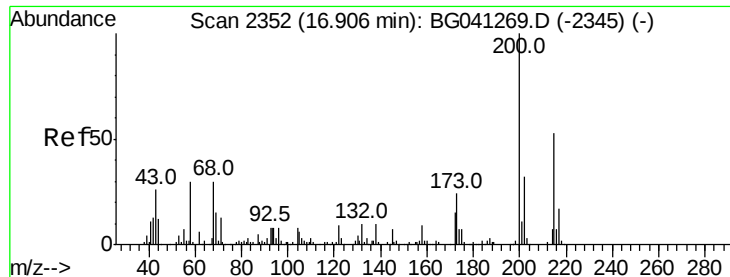
#68
Hexachlorobenzene
Concen: 43.110 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:284 Resp: 153755
Ion Ratio Lower Upper
284 100
142 29.5 21.8 32.8
249 34.0 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

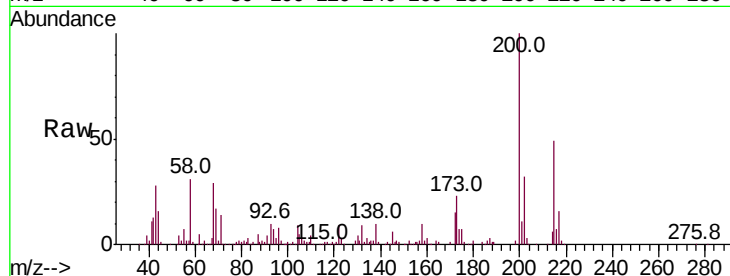
Tot Ion:200 Resp: 135954

Ion Ratio Lower Upper

200 100

173 23.2 4.0 44.0

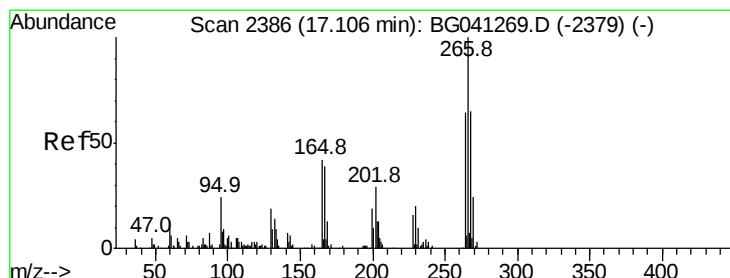
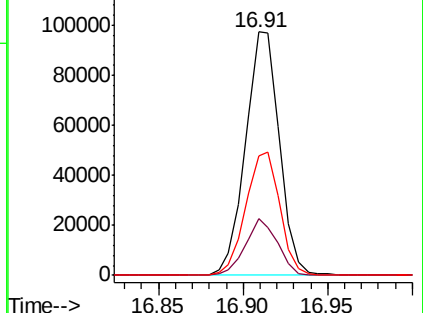
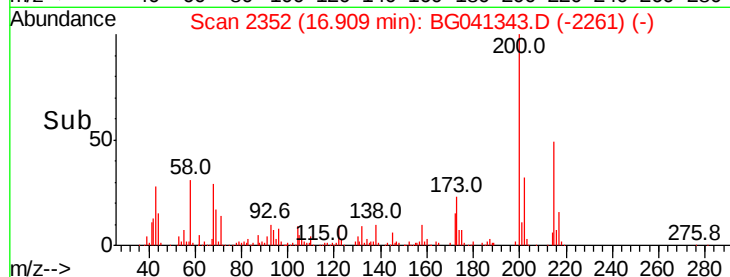
215 49.0 33.4 73.4



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: 96.817 ng

RT: 17.11 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

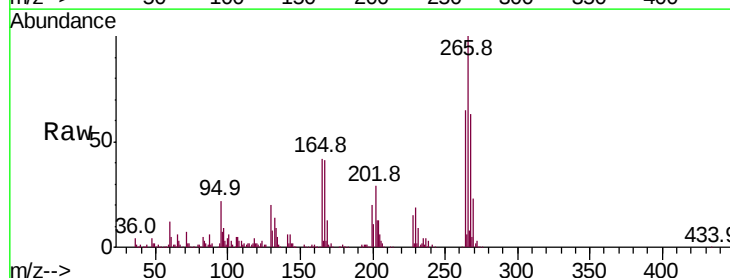
Tgt Ion:266 Resp: 176815

Ion Ratio Lower Upper

266 100

268 63.1 52.0 78.0

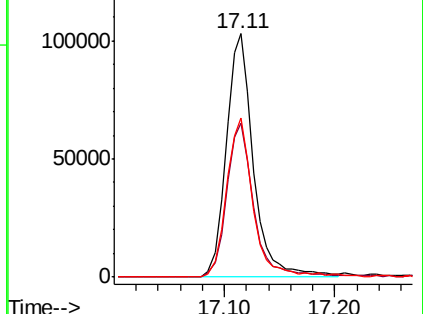
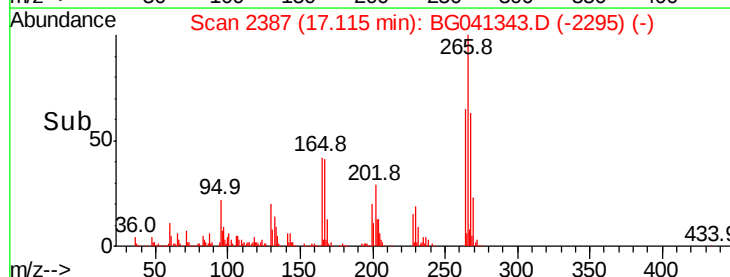
264 65.5 51.2 76.8

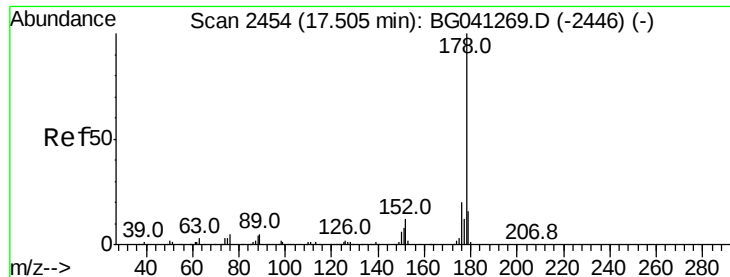


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

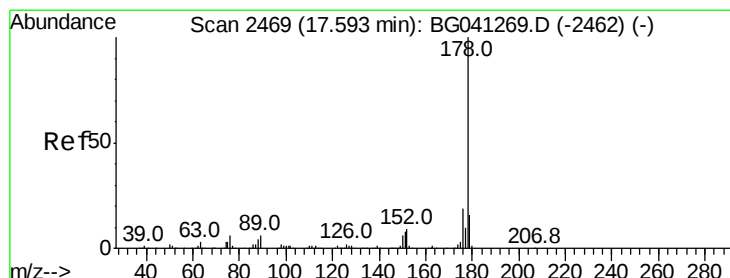
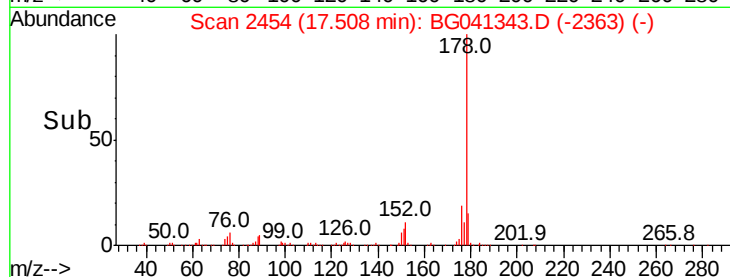
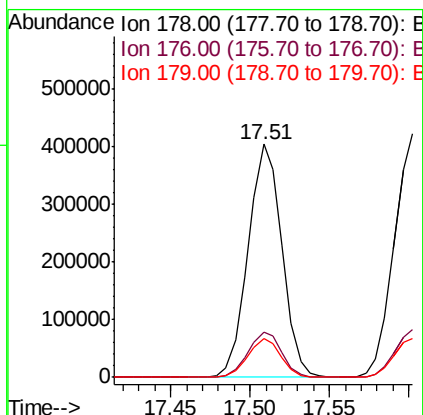
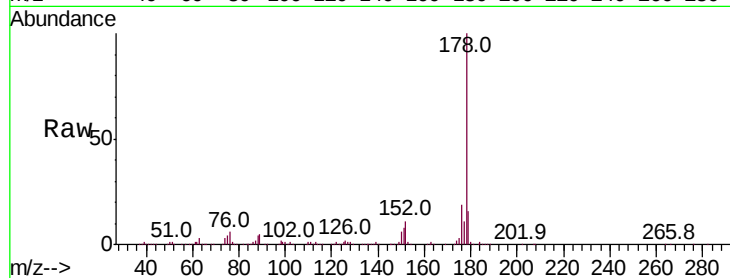




#71
Phenanthrene
Concen: 43.679 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

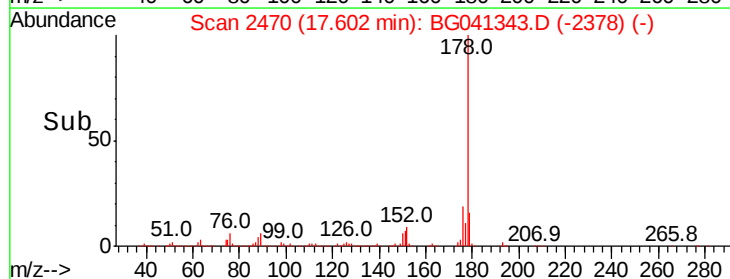
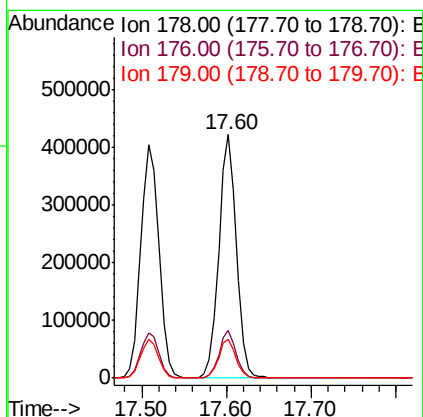
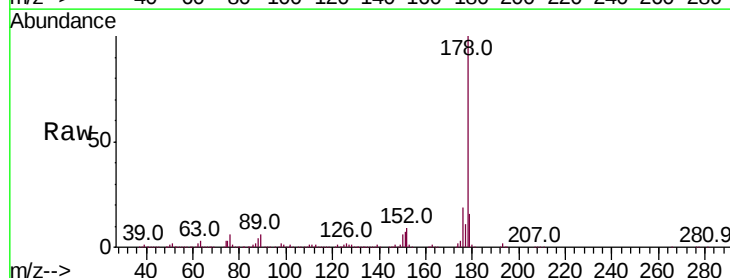
Instrument :
BNA_G
ClientSampleId :

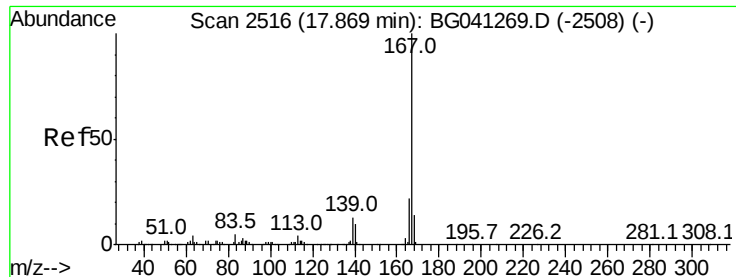
Tot Ion:178 Resp: 600060
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 16.4 12.9 19.3



#72
Anthracene
Concen: 45.332 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:178 Resp: 613963
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.1 13.0 19.4

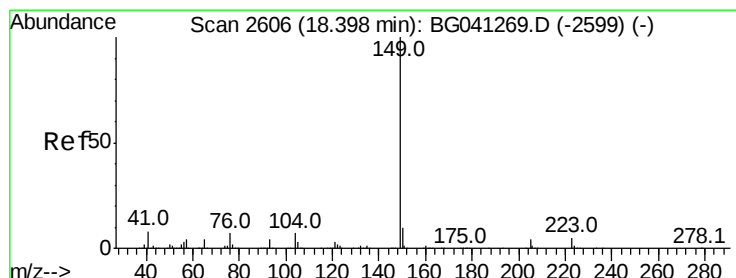
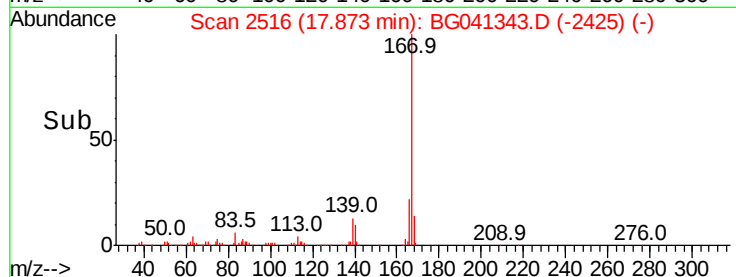
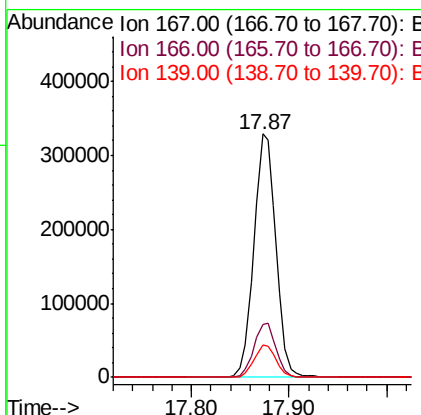
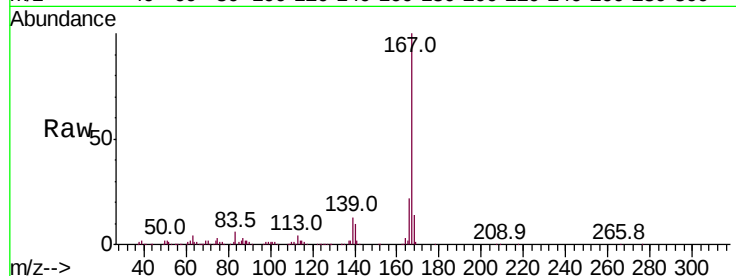




#73
 Carbazole
 Concen: 44.232 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

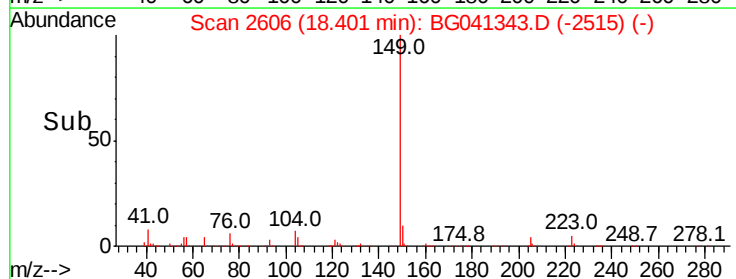
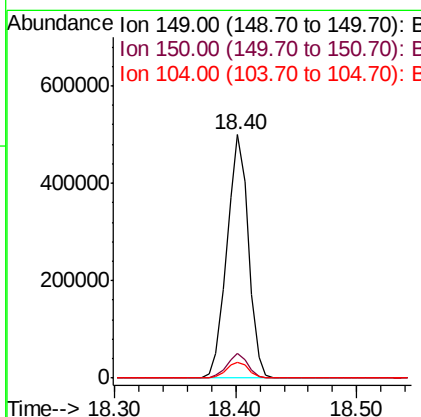
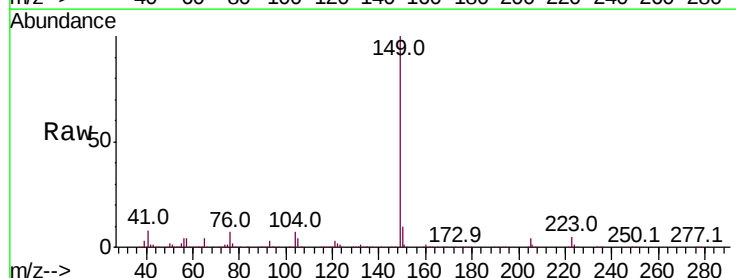
Instrument :
 BNA_G
 ClientSampleId :

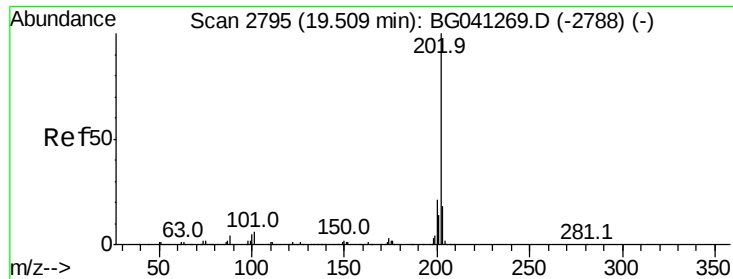
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	13.4	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 41.698 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.6	5.4	8.0





#75

Fluoranthene

Concen: 41.403 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

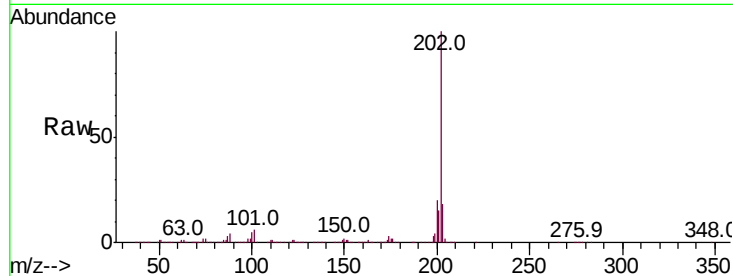
Tot Ion:202 Resp: 755645

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.0
203	18.4	0.0	37.7

202 100

101 6.2 0.0 26.0

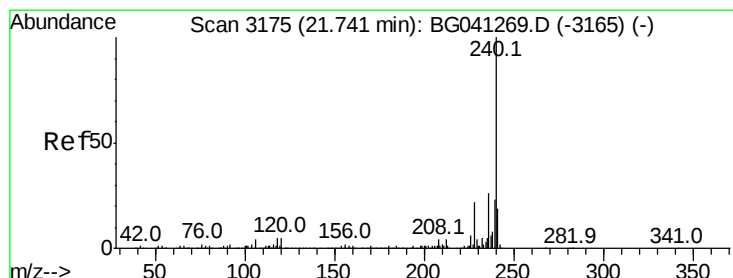
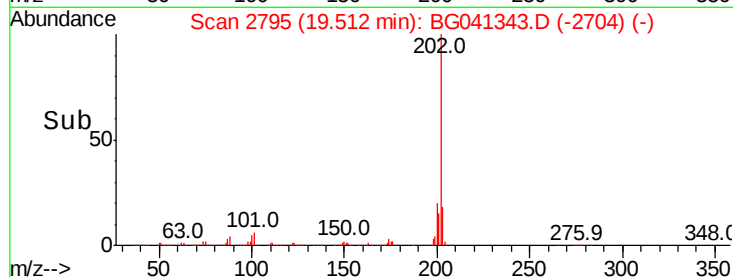
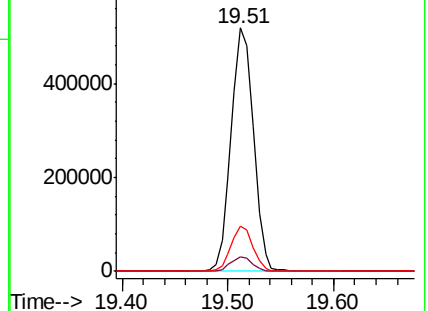
203 18.4 0.0 37.7



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: BG041343.D

Acq: 20 Jun 2019 2:27

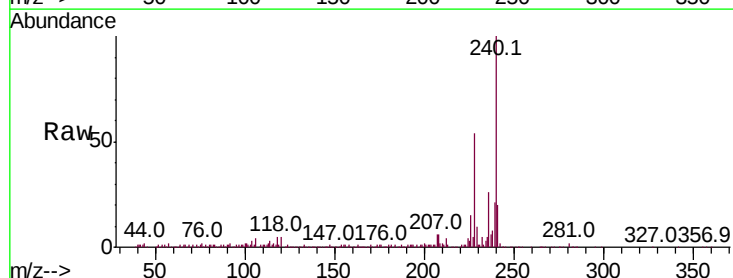
Tgt Ion:240 Resp: 243490

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.3	21.1	31.7

240 100

120 4.5 3.7 5.5

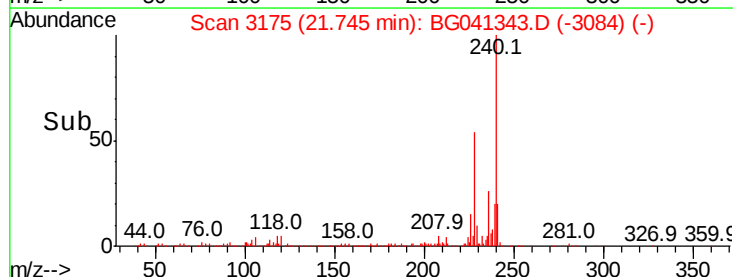
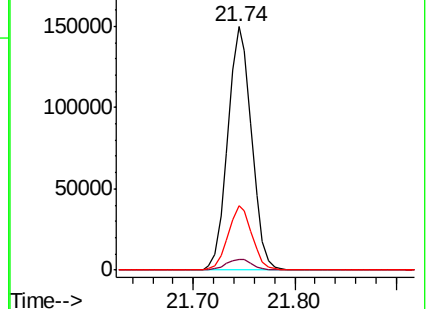
236 26.3 21.1 31.7

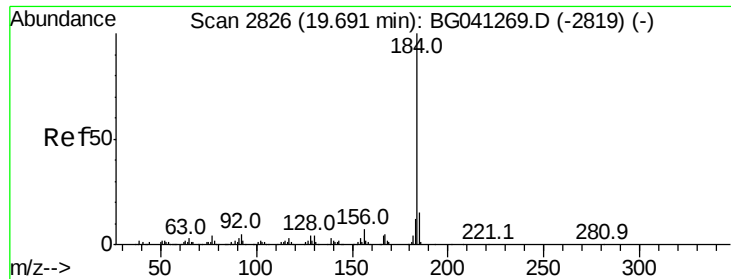


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.749 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

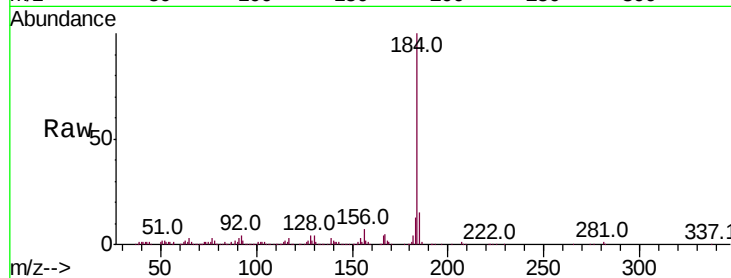
Tot Ion:184 Resp: 216429

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

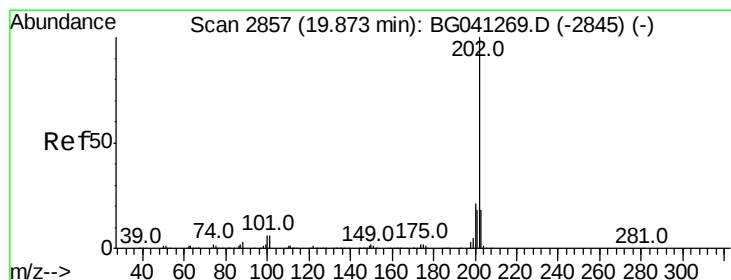
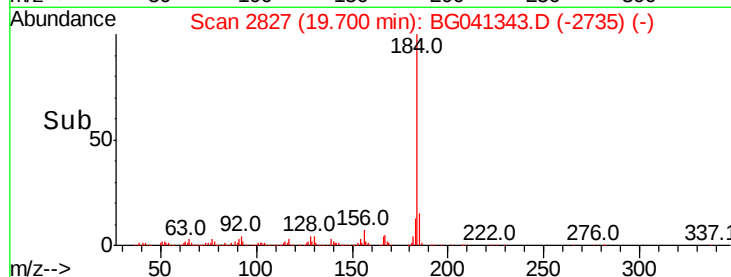
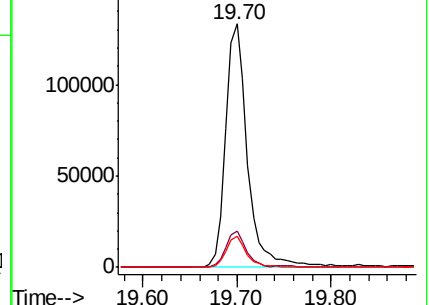
183 12.9 9.6 14.4



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: 46.237 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

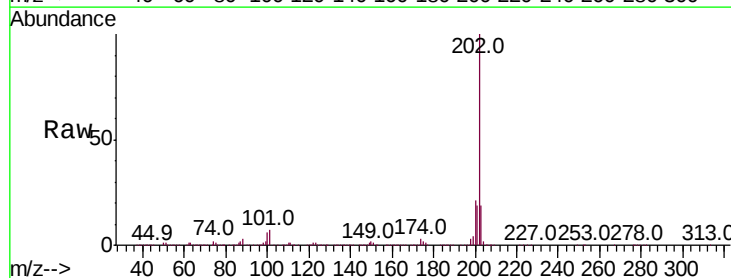
Tgt Ion:202 Resp: 759257

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

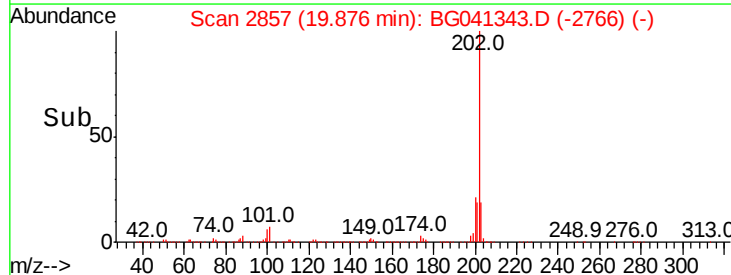
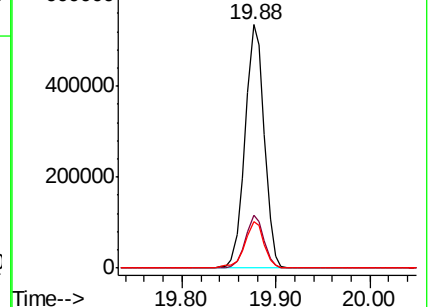
203 19.0 14.6 21.8

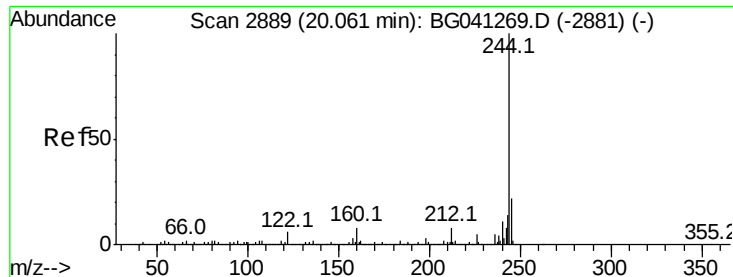


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.190 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

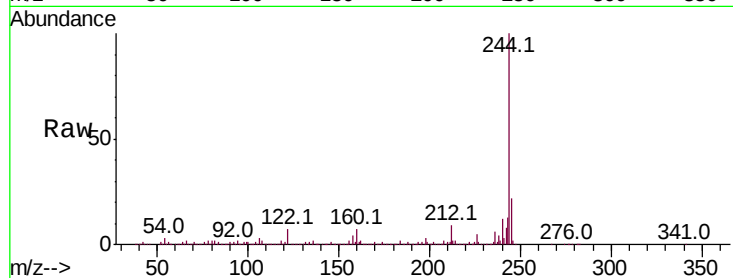
Tot Ion:244 Resp: 1194111

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

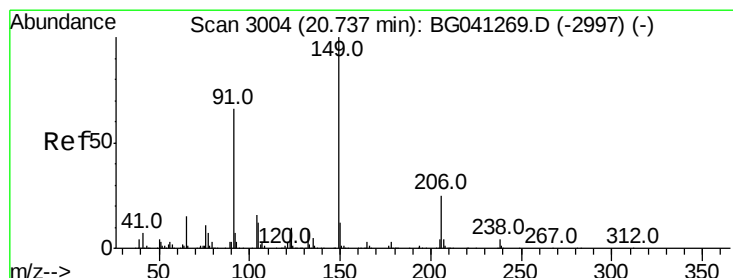
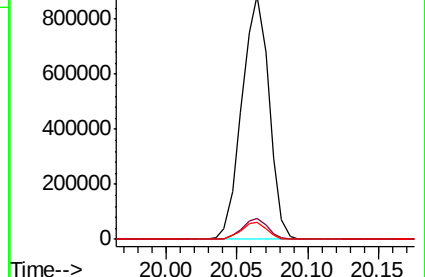
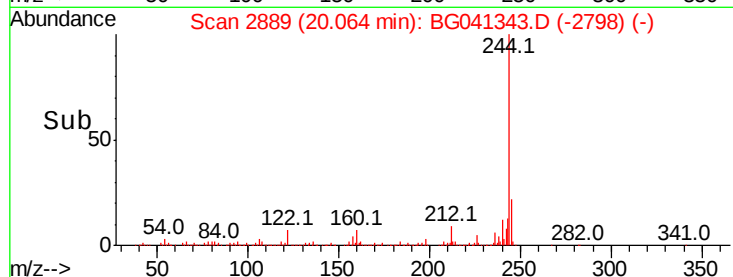
122 7.1 5.0 7.4



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: 44.350 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

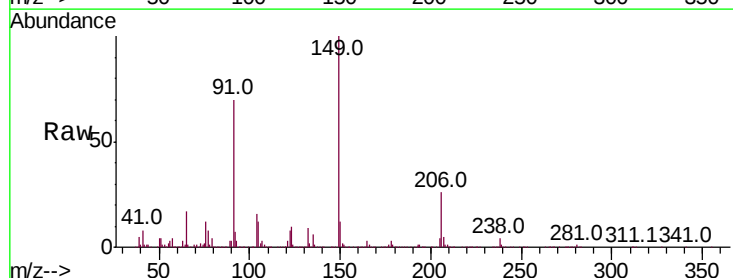
Tgt Ion:149 Resp: 275467

Ion Ratio Lower Upper

149 100

91 69.7 53.2 79.8

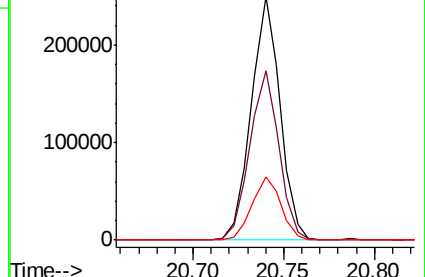
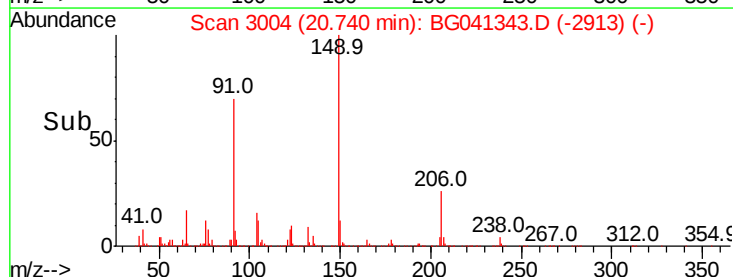
206 26.2 20.3 30.5

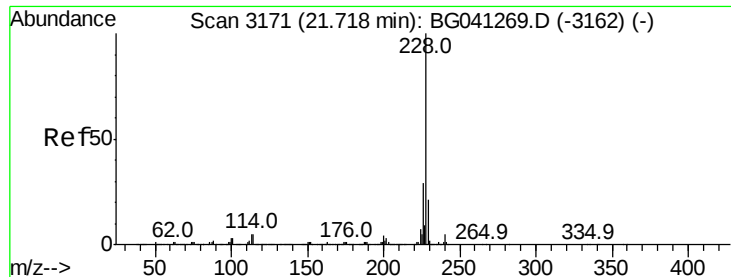


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.126 ng

RT: 21.73 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

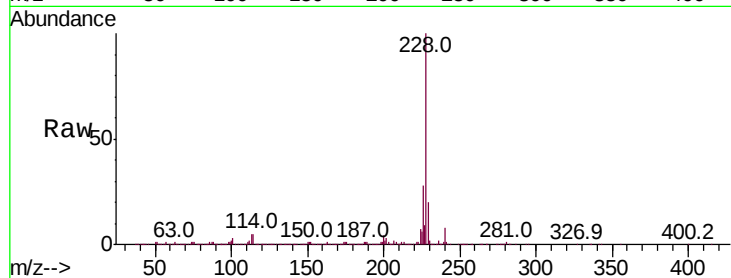
Tot Ion:228 Resp: 727479

Ion Ratio Lower Upper

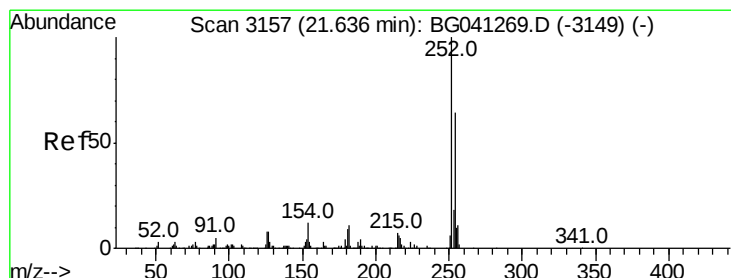
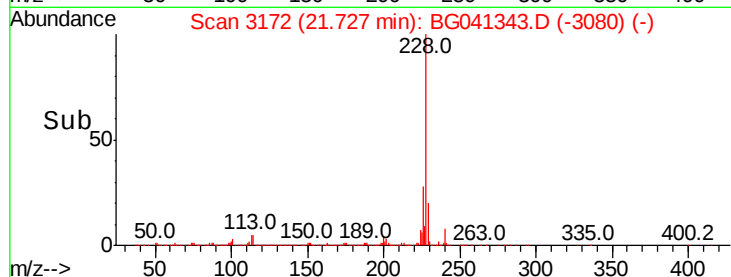
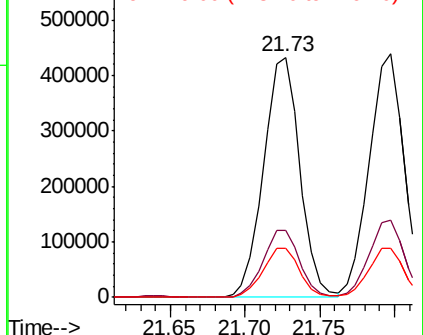
228 100

226 28.2 23.2 34.8

229 20.4 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: 34.138 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

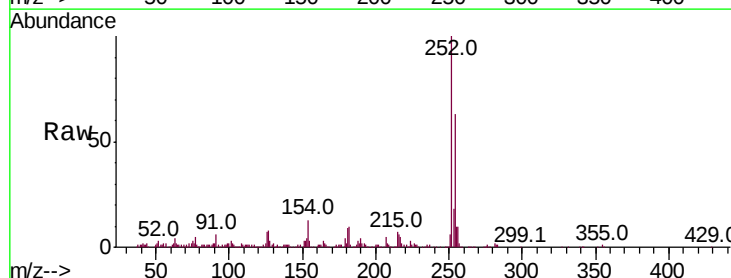
Tgt Ion:252 Resp: 197568

Ion Ratio Lower Upper

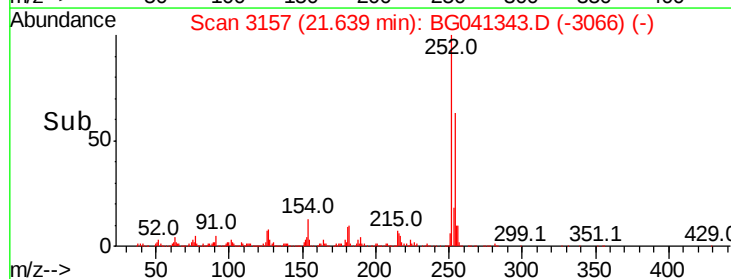
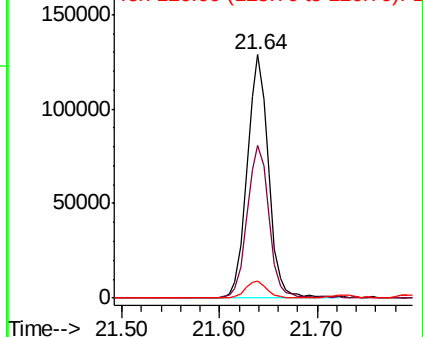
252 100

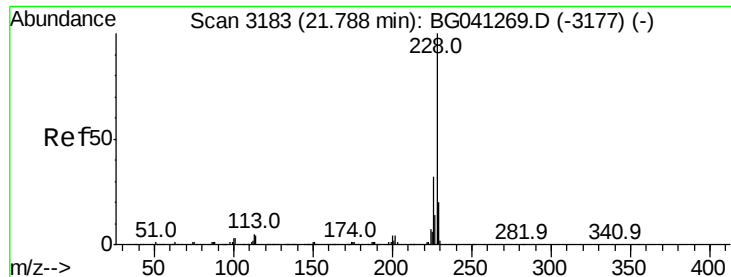
254 62.6 51.4 77.0

126 6.8 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

Chrvsene

Concen: 44.407 ng

RT: 21.80 min Scan# 3184

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampled :

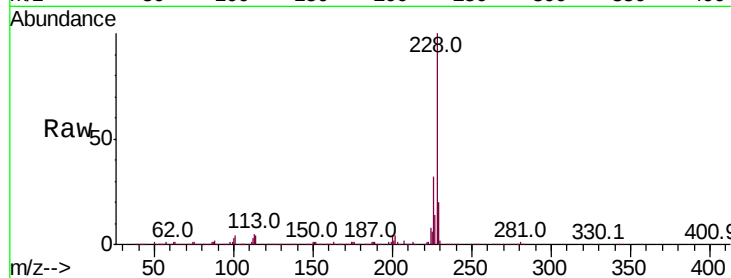
Tot Ion:228 Resp: 704052

Ion Ratio Lower Upper

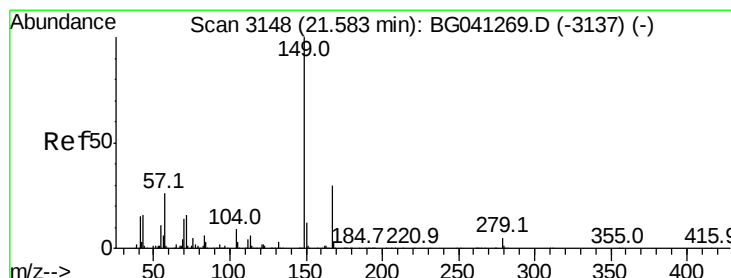
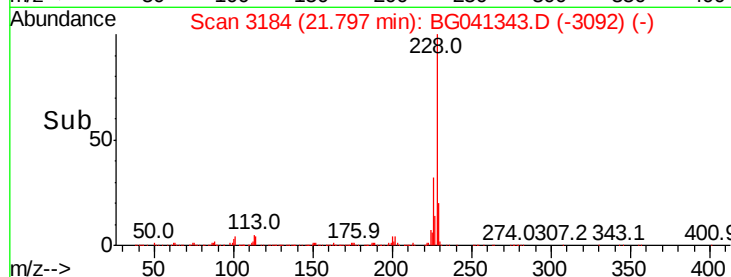
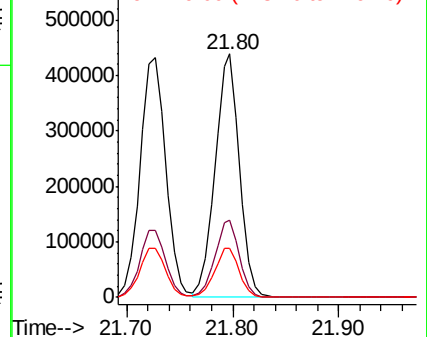
228 100

226 31.6 25.4 38.0

229 20.1 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: 44.592 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

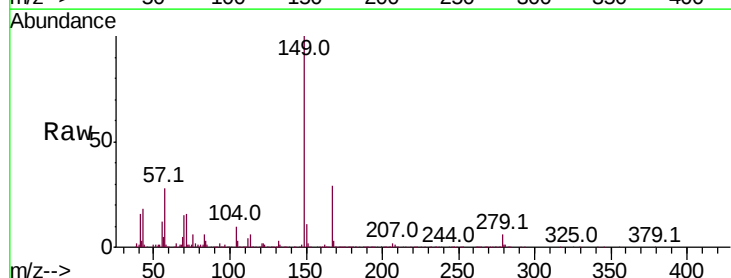
Tgt Ion:149 Resp: 377453

Ion Ratio Lower Upper

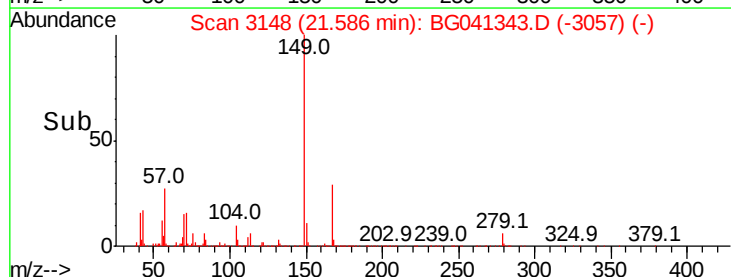
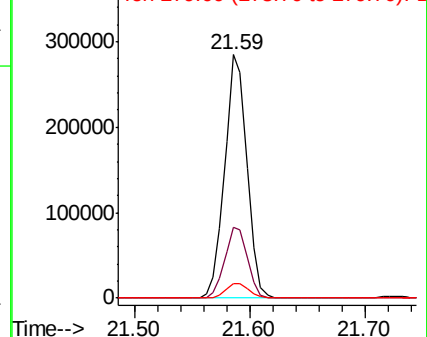
149 100

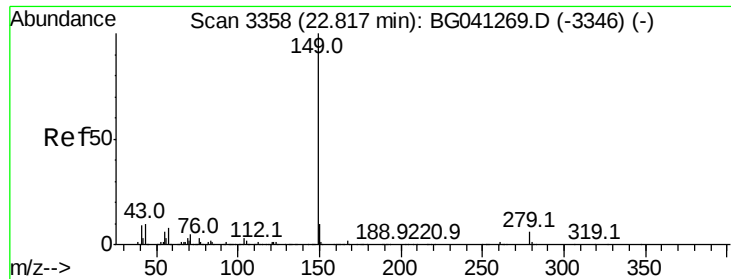
167 29.0 23.8 35.8

279 6.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.498 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampled :

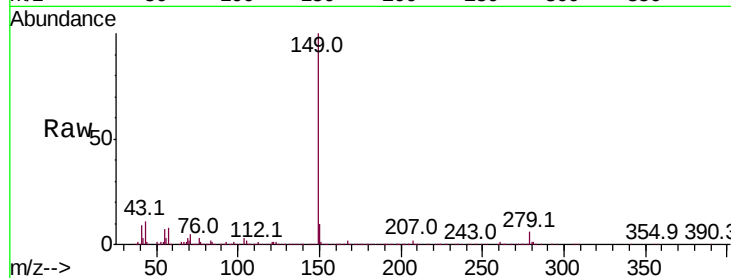
Tot Ion:149 Resp: 651578

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

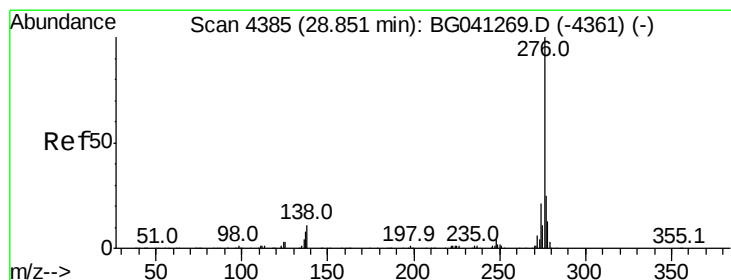
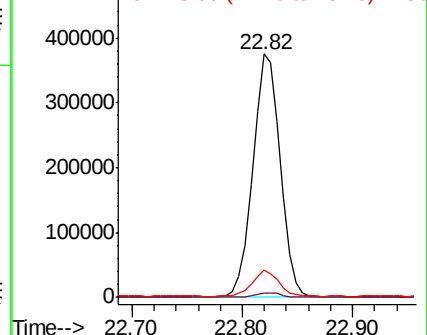
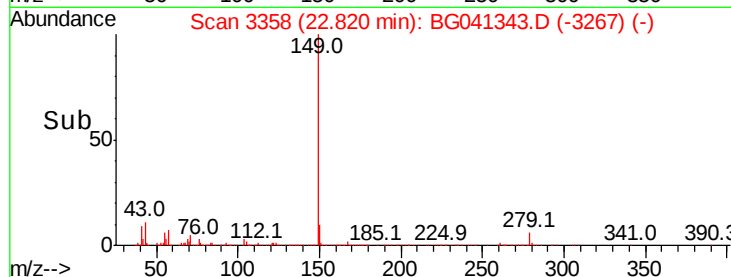
43 10.3 8.2 12.2



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: 27.377 ng

RT: 28.88 min Scan# 4389

Delta R.T. 0.03 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

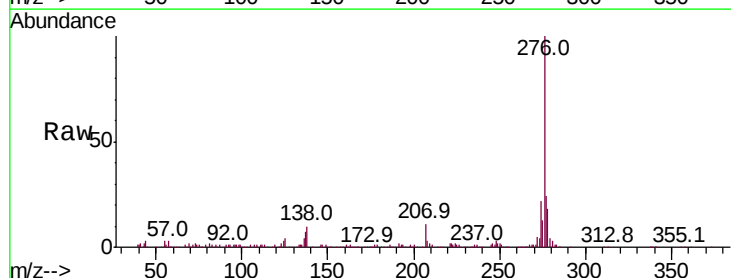
Tgt Ion:276 Resp: 514966

Ion Ratio Lower Upper

276 100

138 6.6 7.7 11.5#

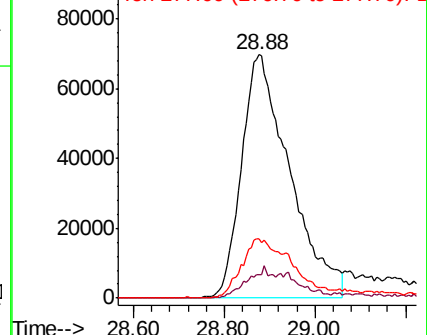
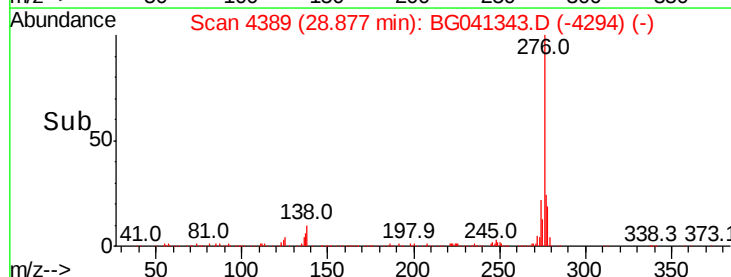
277 25.7 20.6 31.0

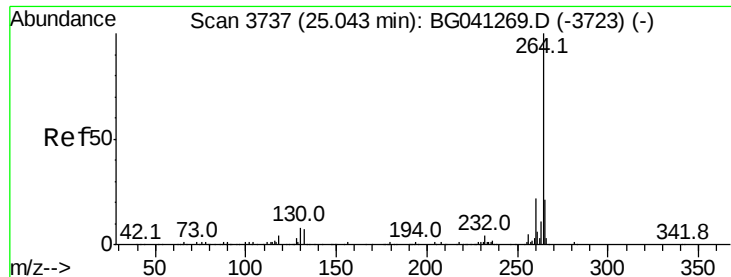


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3740

Delta R.T. 0.02 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

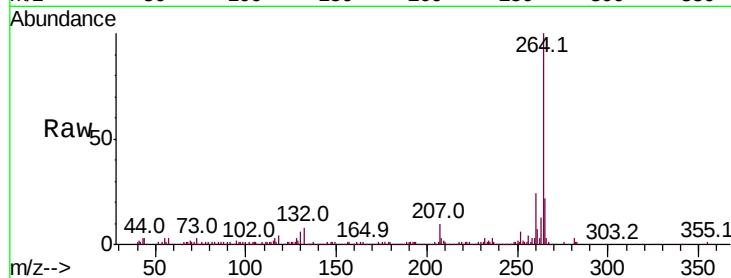
Tot Ion:264 Resp: 239359

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.2

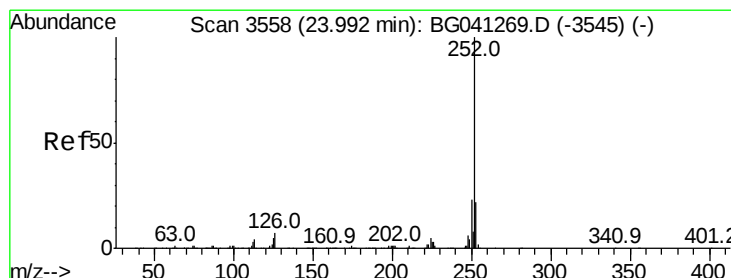
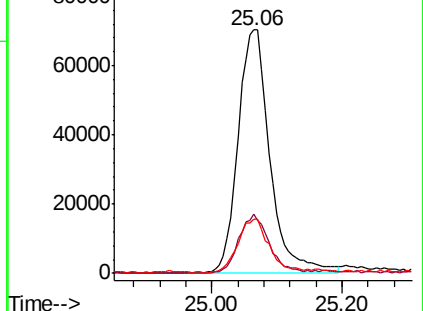
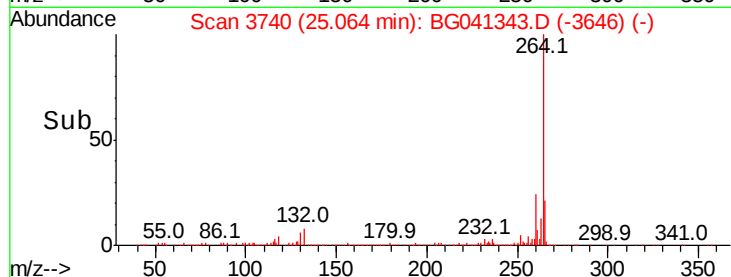
265 22.2 17.2 25.8



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: 45.171 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

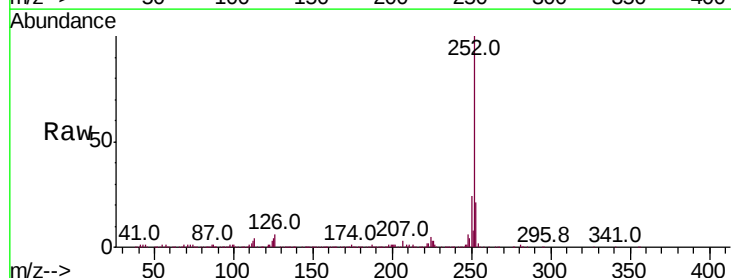
Tgt Ion:252 Resp: 670064

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

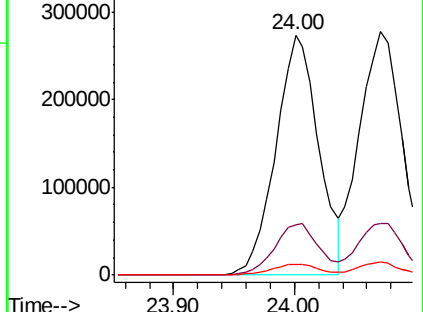
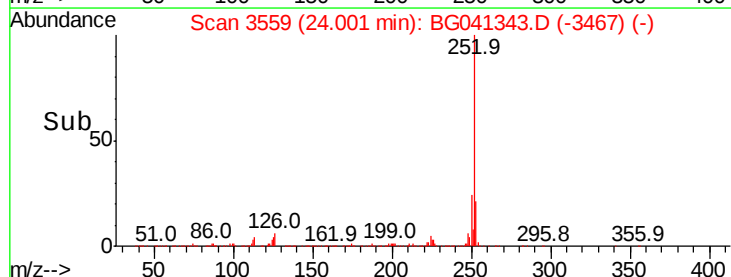
125 4.2 3.9 5.9

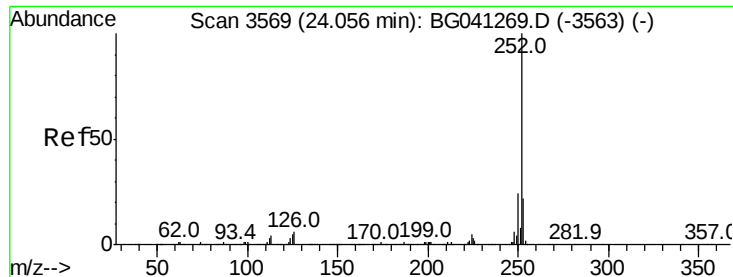


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

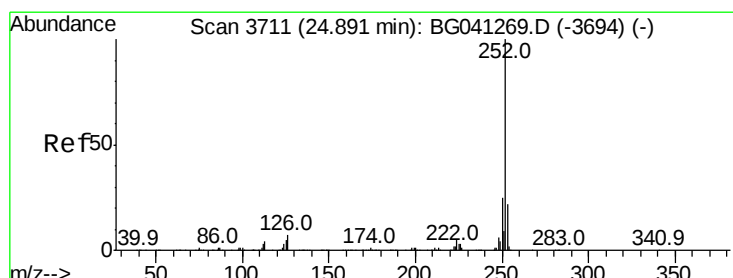
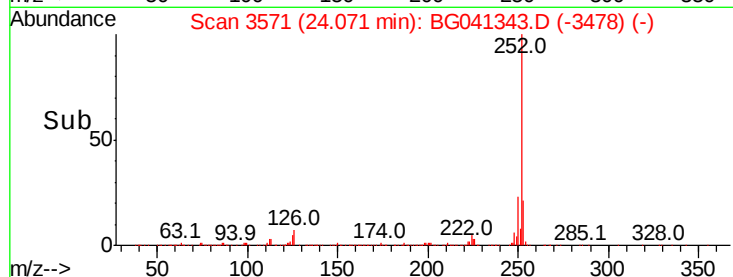
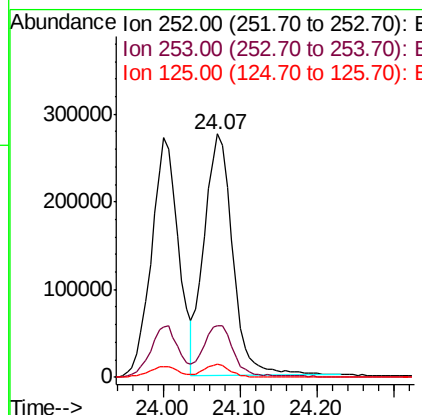
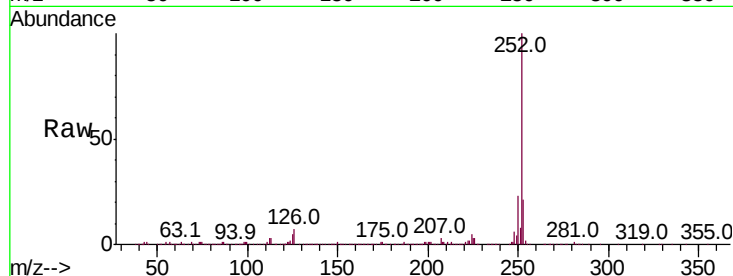




#89
Benzo(k)fluoranthene
Concen: 48.020 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

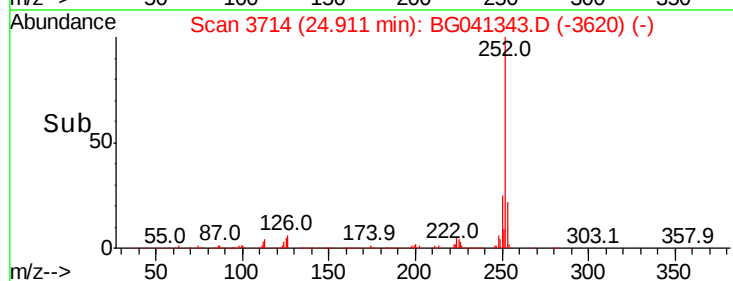
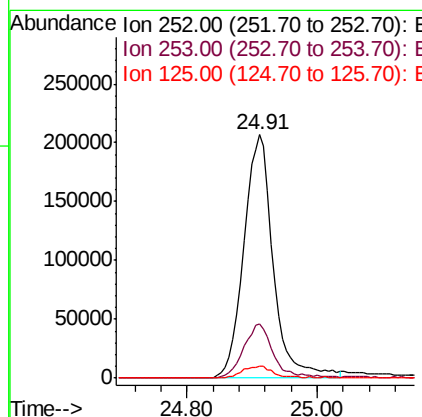
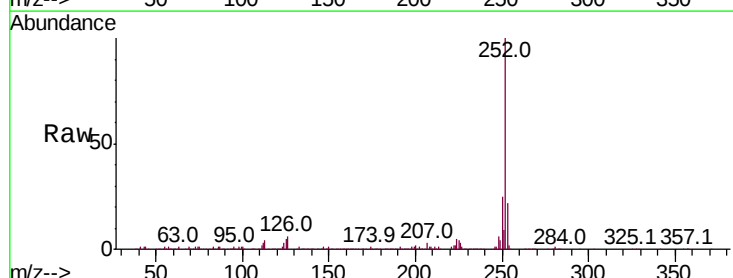
Instrument :
BNA_G
ClientSampleId :

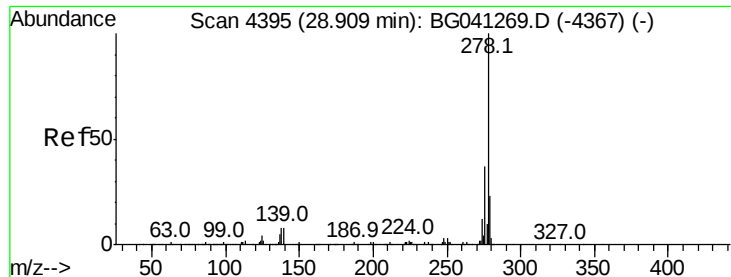
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	5.2	4.3	6.5



#90
Benzo(a)pyrene
Concen: 45.934 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.02 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	4.9	4.2	6.4



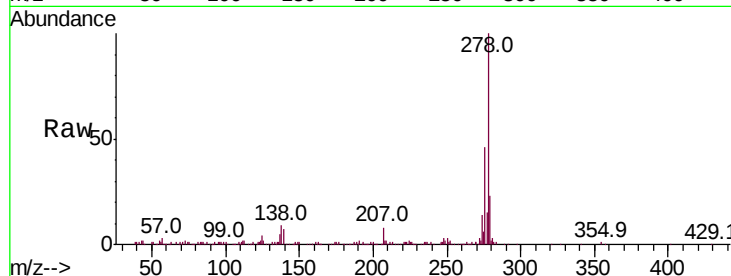


#91
Dibenzo(a,h)anthracene
Concen: 31.643 ng
RT: 28.94 min Scan# 4400
Delta R.T. 0.03 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

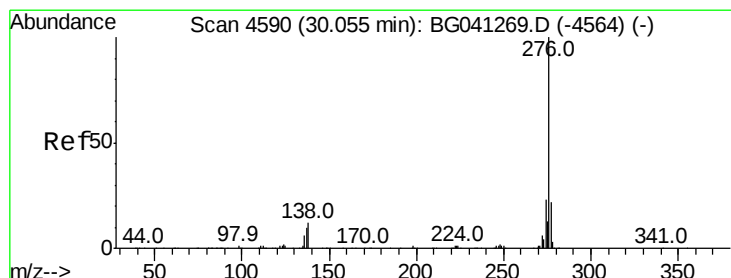
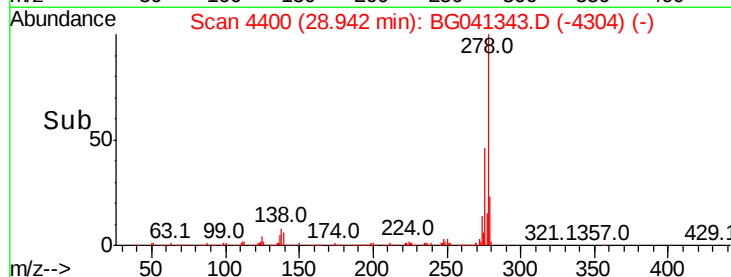
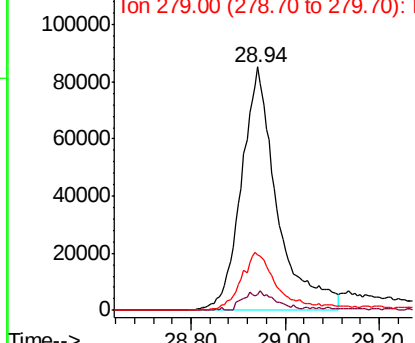
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 446294

Ion	Ratio	Lower	Upper
278	100		
139	6.7	6.6	10.0
279	22.9	18.5	27.7



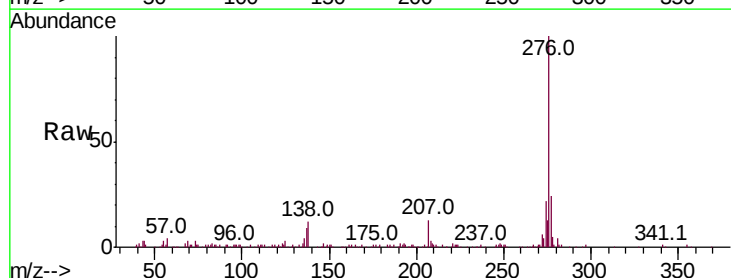
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 25.125 ng
RT: 30.08 min Scan# 4594
Delta R.T. 0.03 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:276 Resp: 350192

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	11.8	9.4	14.0



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

