

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043350.D
 Acq On : 28 Oct 2019 15:05
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:16:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36166	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	151716	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111669	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	258329	20.00	ng	0.00
76) Chrysene-d12	21.66	240	287179	20.00	ng	0.00
87) Perylene-d12	24.86	264	346124	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	171475	86.88	ng	0.00
7) Phenol-d6	7.21	99	247720	87.24	ng	0.01
23) Nitrobenzene-d5	9.19	82	239849	81.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	178670	84.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	675633	83.60	ng	0.00
79) Terphenyl-d14	20.01	244	1266602	82.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	33818	43.970	ng	96
3) Pyridine	3.89	79	87949	45.332	ng	95
4) n-Nitrosodimethylamine	3.81	42	43418	44.349	ng	96
6) Aniline	7.36	93	142676	43.617	ng	96
8) 2-Chlorophenol	7.60	128	92896	42.639	ng	94
9) Benzaldehyde	7.16	77	61091	43.777	ng	91
10) Phenol	7.24	94	112447	43.335	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	84011	41.876	ng	95
12) 1,3-Dichlorobenzene	7.91	146	117955	43.212	ng	95
13) 1,4-Dichlorobenzene	8.06	146	119796	43.376	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114313	42.392	ng	97
15) Benzyl Alcohol	8.27	79	84475	42.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	123166	42.222	ng	98
17) 2-Methylphenol	8.48	107	80294	42.447	ng	98
18) Hexachloroethane	9.11	117	43104	43.259	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	75921	41.376	ng	94
20) 3+4-Methylphenols	8.81	107	111106	42.834	ng	87
22) Acetophenone	8.85	105	158430	40.777	ng	99
24) Nitrobenzene	9.23	77	115344	41.145	ng	97
25) Isophorone	9.75	82	218362	40.586	ng	100
26) 2-Nitrophenol	9.95	139	57296	42.334	ng	96
27) 2,4-Dimethylphenol	10.01	122	81162	41.840	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	121185	40.810	ng	98
29) 2,4-Dichlorophenol	10.49	162	104921	42.214	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	131516	41.984	ng	97
31) Naphthalene	10.88	128	318476	41.355	ng	98
32) Benzoic acid	10.18	122	49317	36.068	ng	98
33) 4-Chloroaniline	10.99	127	133546	42.305	ng	97
34) Hexachlorobutadiene	11.17	225	97957	42.302	ng	91
35) Caprolactam	11.76	113	35044	40.940	ng	# 87
36) 4-Chloro-3-methylphenol	12.13	107	110829	40.880	ng	96
37) 2-Methylnaphthalene	12.48	142	243064	41.135	ng	94
38) 1-Methylnaphthalene	12.70	142	232157	41.293	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	175074	42.363	ng	99

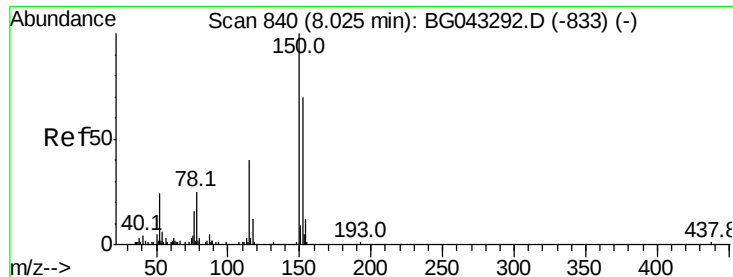
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043350.D
 Acq On : 28 Oct 2019 15:05
 Operator : JU
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	93126	42.897	ng	93
43) 2,4,6-Trichlorophenol	13.10	196	101354	41.645	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	105289	42.791	ng	98
46) 1,1'-Biphenyl	13.48	154	352564	41.502	ng	98
47) 2-Chloronaphthalene	13.53	162	266701	41.261	ng	99
48) 2-Nitroaniline	13.74	65	81425	42.148	ng	96
49) Acenaphthylene	14.38	152	423034	42.052	ng	97
50) Dimethylphthalate	14.11	163	352835	40.792	ng	99
51) 2,6-Dinitrotoluene	14.22	165	76299	40.604	ng	97
52) Acenaphthene	14.72	154	253542	41.328	ng	98
53) 3-Nitroaniline	14.56	138	76195	41.999	ng	97
54) 2,4-Dinitrophenol	14.77	184	37617	36.422	ng	93
55) Dibenzofuran	15.05	168	413905	41.604	ng	100
56) 4-Nitrophenol	14.90	139	51054	41.993	ng	99
57) 2,4-Dinitrotoluene	15.02	165	110605	41.187	ng	93
58) Fluorene	15.70	166	348508	41.767	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	108659	41.565	ng	# 99
60) Diethylphthalate	15.46	149	356054	40.968	ng	97
61) 4-Chlorophenyl-phenylether	15.69	204	202185	41.536	ng	96
62) 4-Nitroaniline	15.73	138	79355	42.353	ng	98
63) Azobenzene	15.98	77	285469	40.586	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	64757	42.596	ng	92
66) n-Nitrosodiphenylamine	15.90	169	302421	41.466	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	145801	41.939	ng	97
68) Hexachlorobenzene	16.71	284	166025	41.604	ng	95
69) Atrazine	16.85	200	95226	37.575	ng	94
70) Pentachlorophenol	17.06	266	78030	42.912	ng	95
71) Phenanthrene	17.44	178	553452	41.838	ng	99
72) Anthracene	17.53	178	553712	41.836	ng	99
73) Carbazole	17.81	167	495203	41.317	ng	98
74) Di-n-butylphthalate	18.35	149	610238	41.962	ng	99
75) Fluoranthene	19.45	202	713405	41.367	ng	99
77) Benzidine	19.64	184	236824	40.976	ng	99
78) Pyrene	19.81	202	738187	41.527	ng	99
80) Butylbenzylphthalate	20.69	149	279425	41.491	ng	98
81) Benzo(a)anthracene	21.64	228	759992	42.248	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	296677	42.640	ng	100
83) Chrysene	21.71	228	753305	42.147	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	405907	42.429	ng	99
85) Di-n-octyl phthalate	22.75	149	689381	42.474	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	972352	43.340	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	815462	41.598	ng	99
89) Benzo(k)fluoranthene	23.92	252	813873	41.240	ng	100
90) Benzo(a)pyrene	24.72	252	778416	41.582	ng	96
91) Dibenzo(a,h)anthracene	28.57	278	800820	41.824	ng	99
92) Benzo(g,h,i)perylene	29.65	276	789137	41.782	ng	98

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

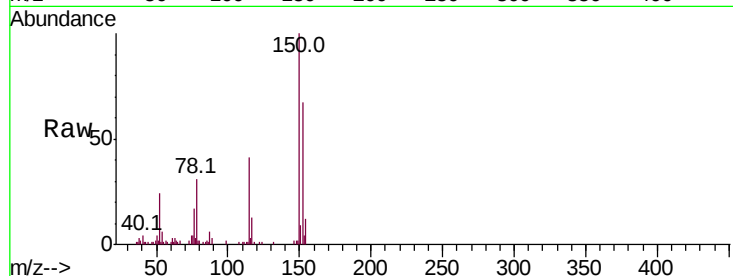


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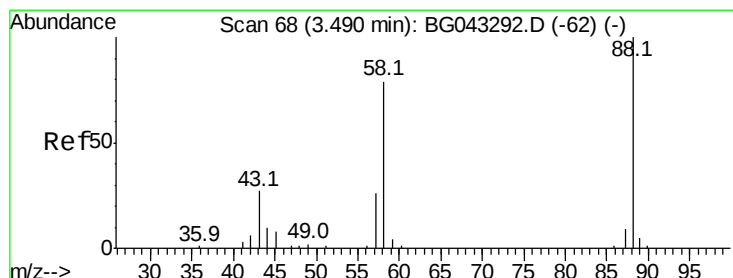
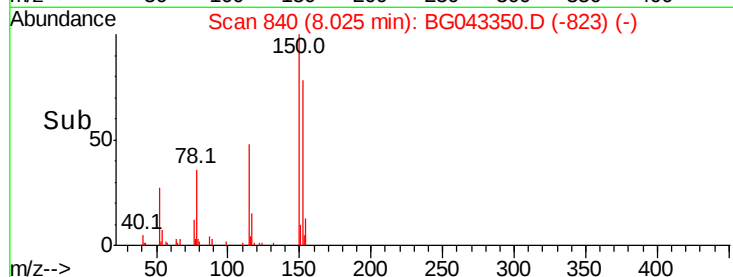
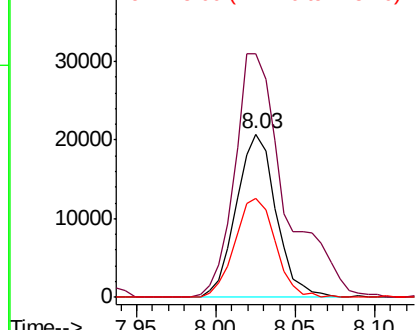
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36166
Ion Ratio Lower Upper
152 100
150 148.7 113.6 170.4
115 60.9 45.9 68.9



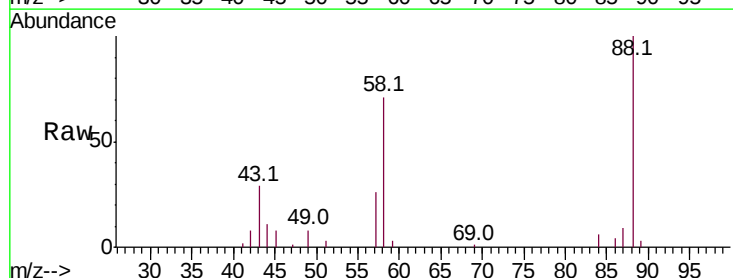
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



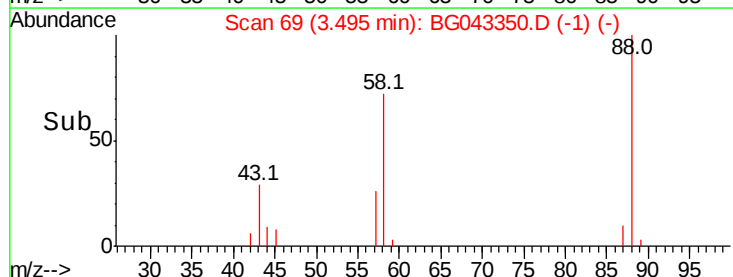
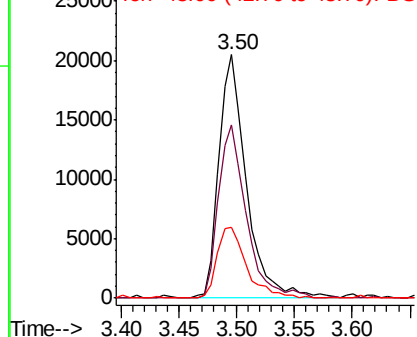
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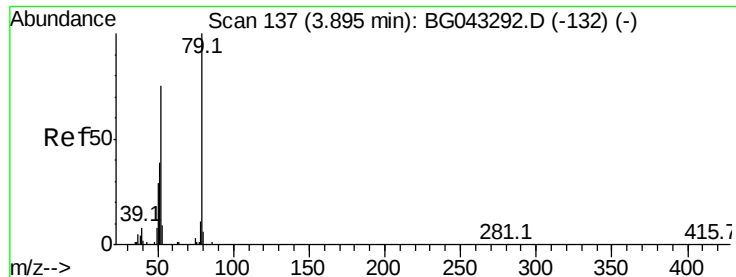
1,4-Dioxane
Concen: 43.970 ng
RT: 3.50 min Scan# 69
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion: 88 Resp: 33818
Ion Ratio Lower Upper
88 100
58 71.9 60.2 90.2
43 31.1 22.7 34.1



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: 45.332 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

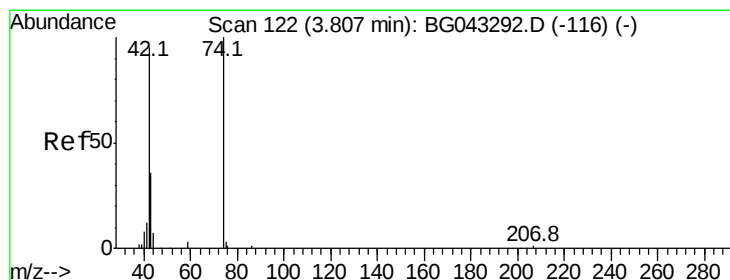
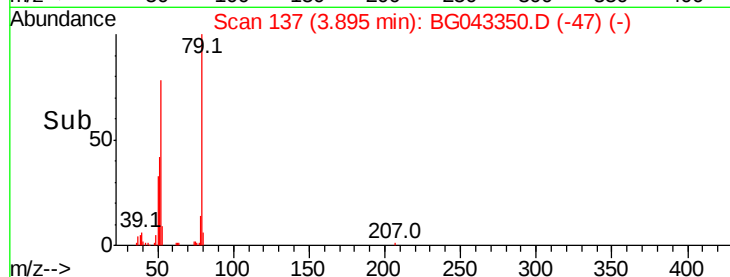
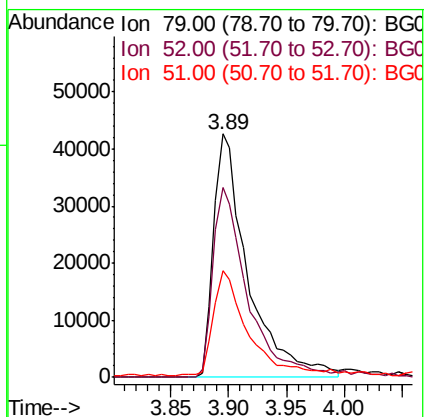
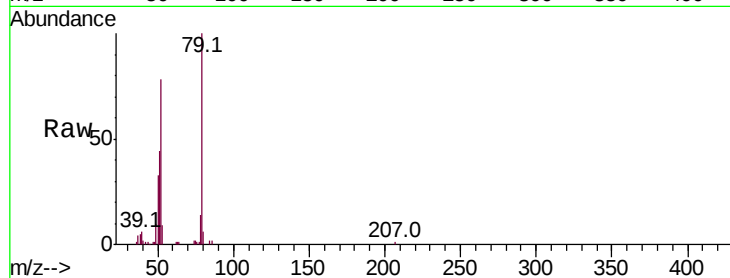
Tot Ion: 79 Resp: 87949

Ion Ratio Lower Upper

79 100

52 77.9 59.7 89.5

51 43.6 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 44.349 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

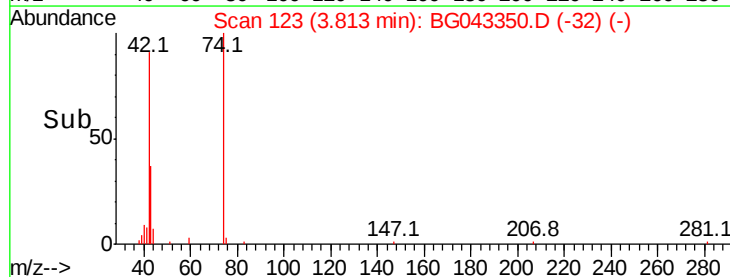
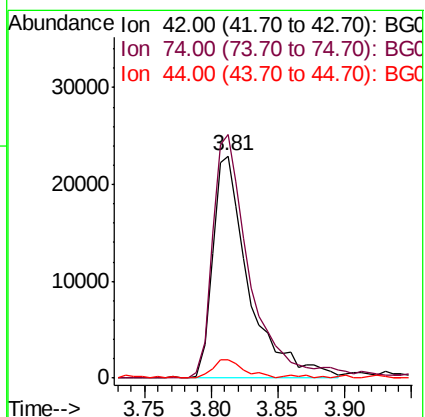
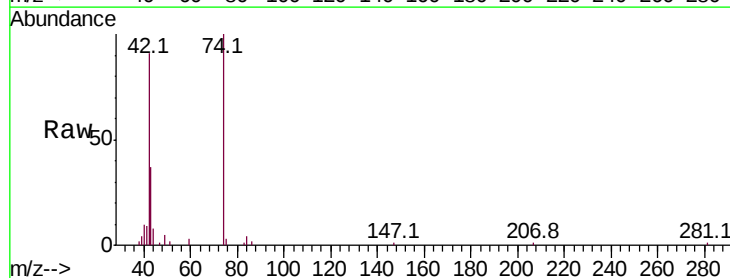
Tgt Ion: 42 Resp: 43418

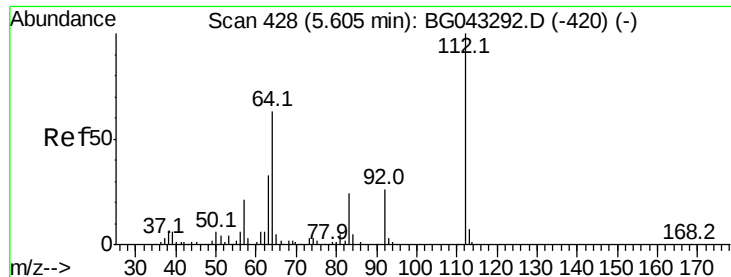
Ion Ratio Lower Upper

42 100

74 109.7 84.2 126.2

44 8.3 6.0 9.0





#5

2-Fluorophenol

Concen: 86.882 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

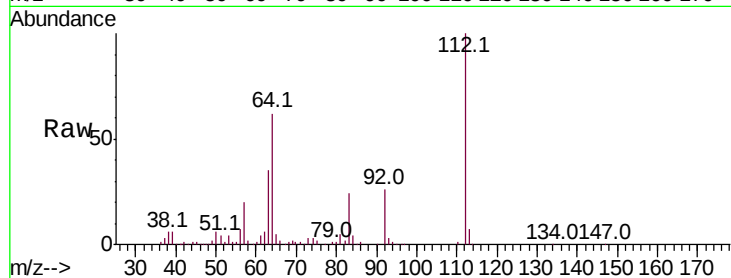
Tot Ion:112 Resp: 171475

Ion Ratio Lower Upper

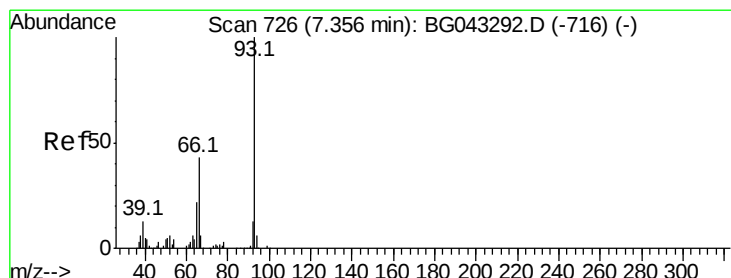
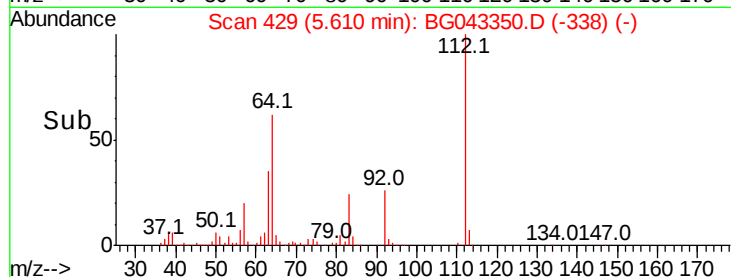
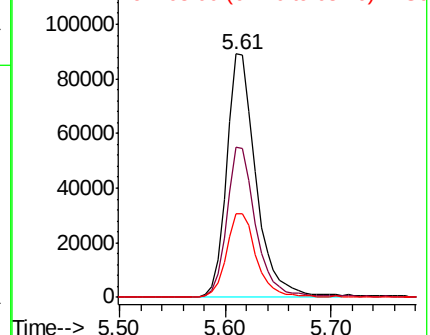
112 100

64 61.6 50.2 75.2

63 34.6 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.617 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

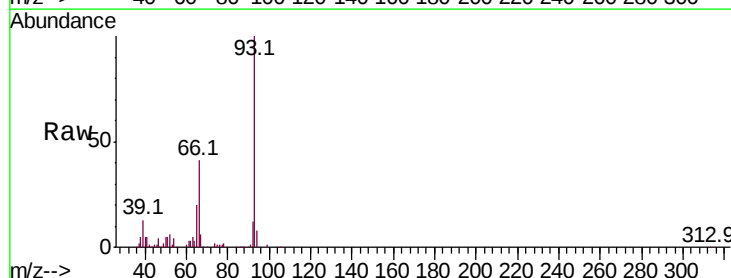
Tgt Ion: 93 Resp: 142676

Ion Ratio Lower Upper

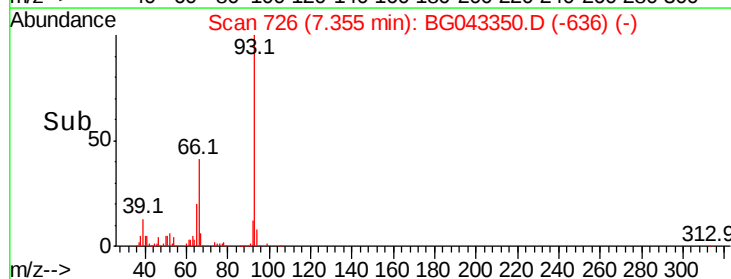
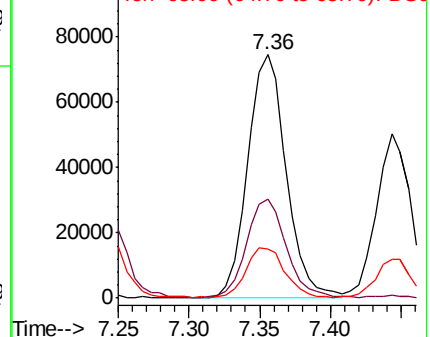
93 100

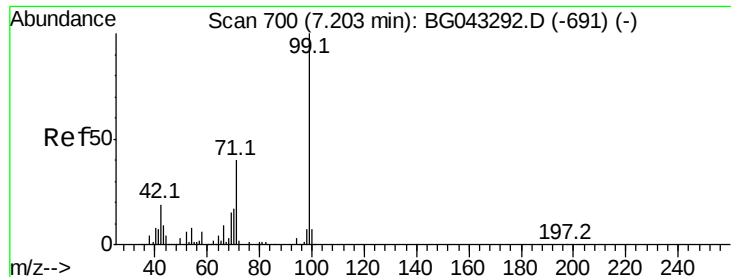
66 40.6 34.5 51.7

65 20.2 18.0 27.0



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: 87.237 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

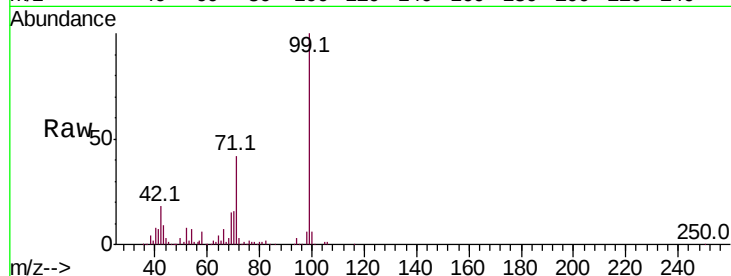
Tot Ion: 99 Resp: 247720

Ion Ratio Lower Upper

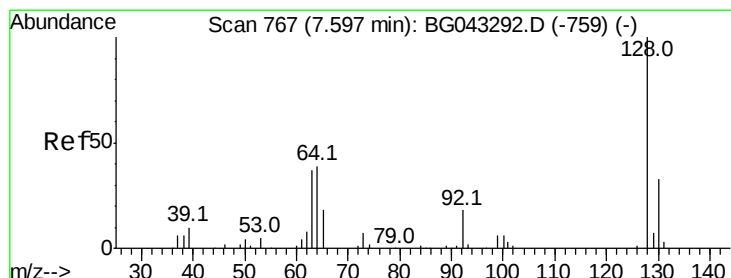
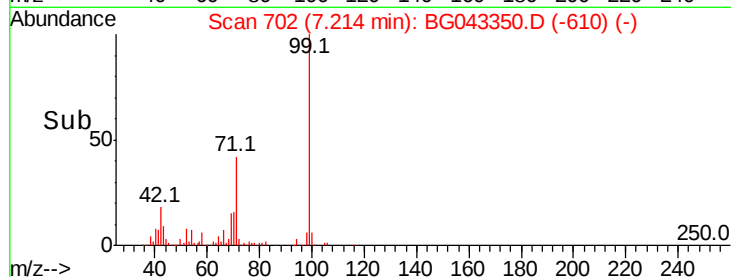
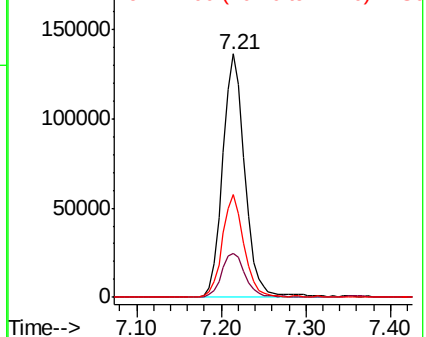
99 100

42 18.3 14.9 22.3

71 42.5 32.2 48.2



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: 42.639 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

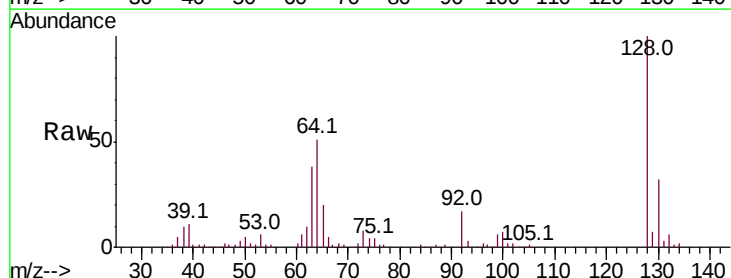
Tgt Ion: 128 Resp: 92896

Ion Ratio Lower Upper

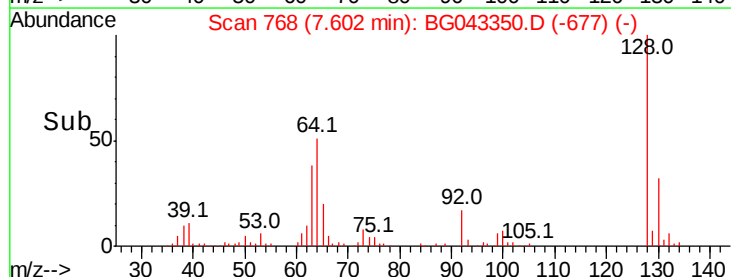
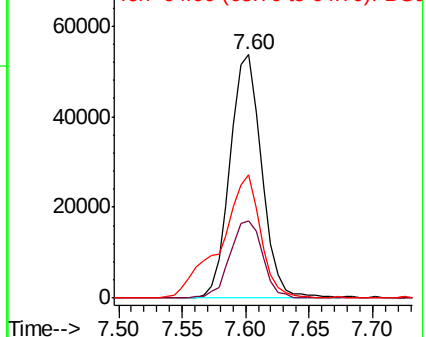
128 100

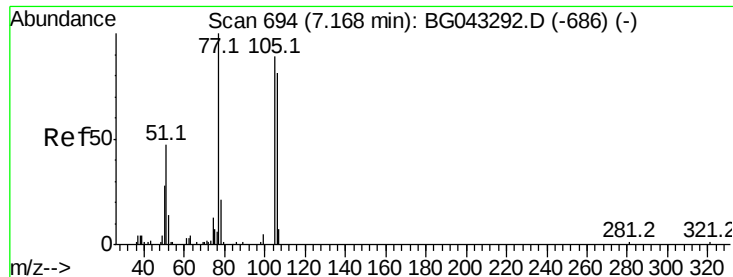
130 31.6 12.9 52.9

64 50.8 24.9 64.9



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: 43.777 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

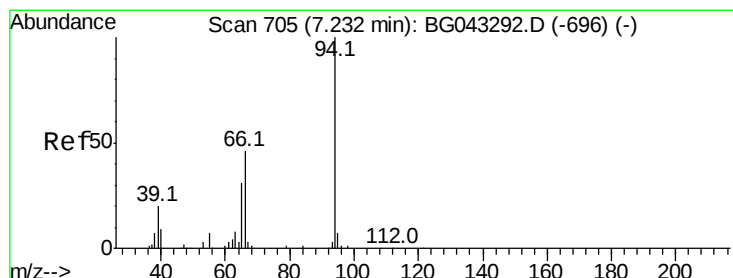
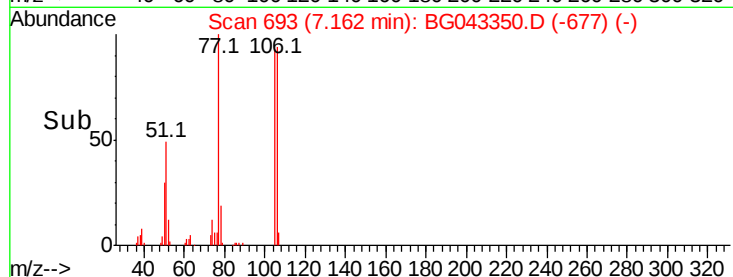
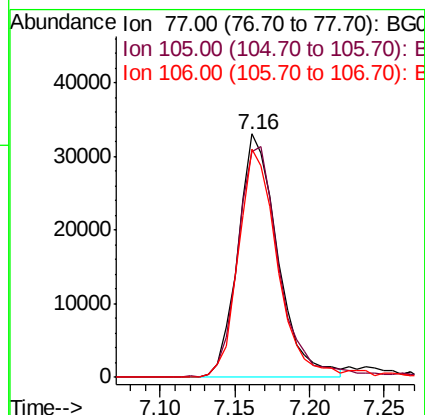
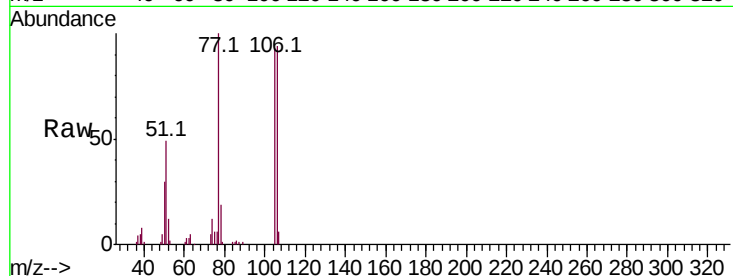
Tot Ion: 77 Resp: 61091

Ion Ratio Lower Upper

77 100

105 92.7 68.7 108.7

106 93.7 60.5 100.5



#10

Phenol

Concen: 43.335 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

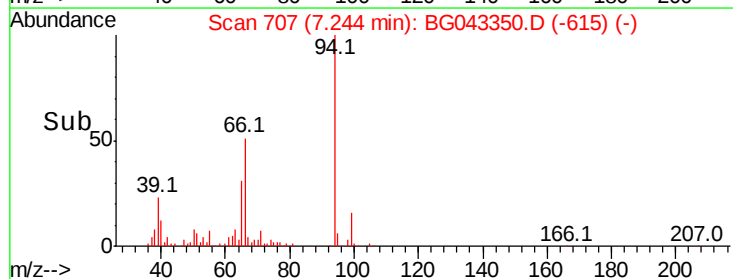
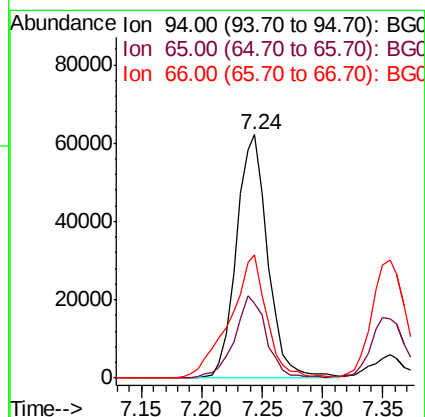
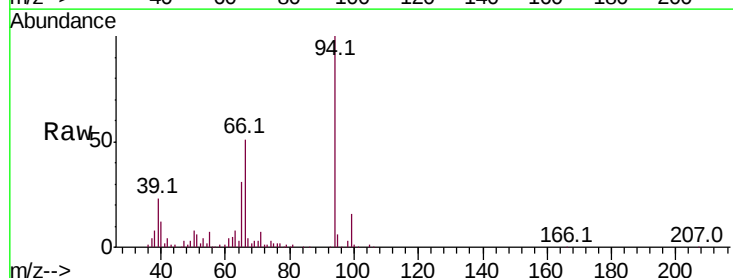
Tgt Ion: 94 Resp: 112447

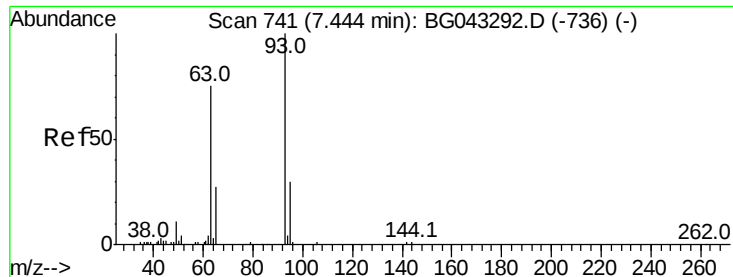
Ion Ratio Lower Upper

94 100

65 30.8 11.1 51.1

66 50.6 27.8 67.8





#11

bis(2-Chloroethyl)ether

Concen: 41.876 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

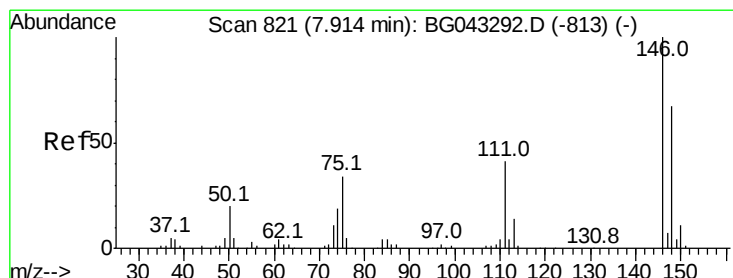
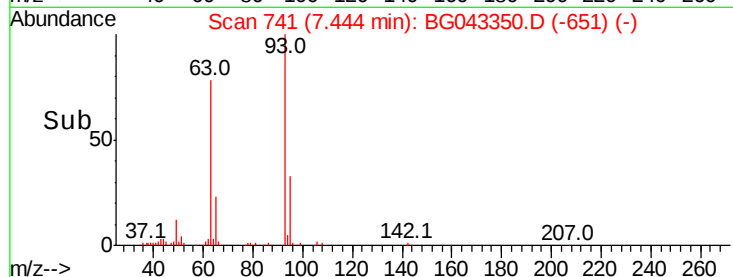
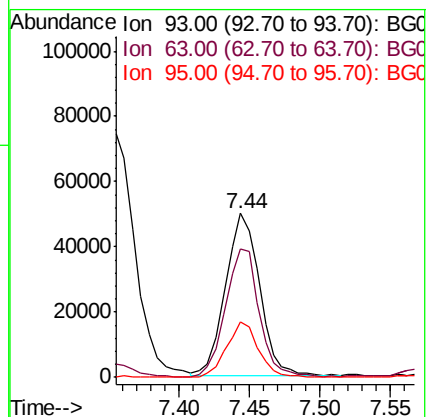
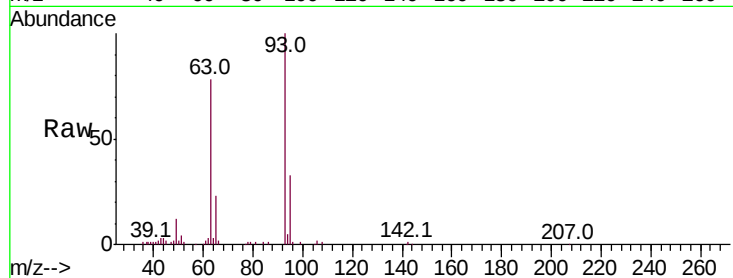
Tot Ion: 93 Resp: 84011

Ion Ratio Lower Upper

93 100

63 77.9 54.6 94.6

95 33.4 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 43.212 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

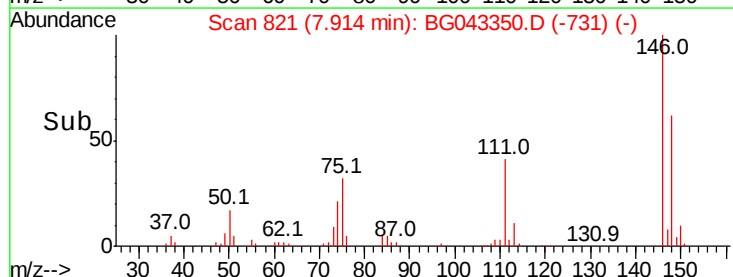
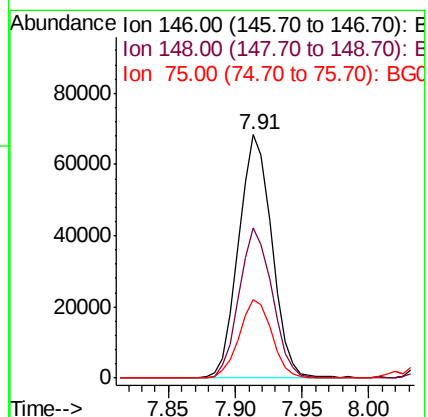
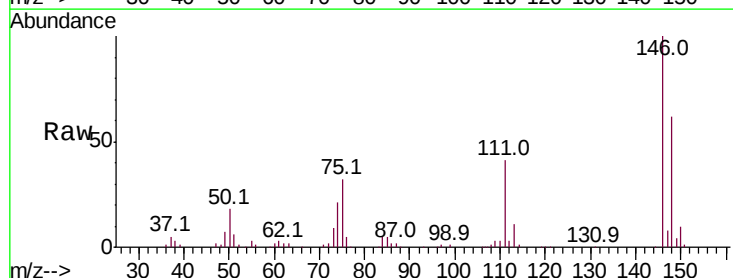
Tgt Ion: 146 Resp: 117955

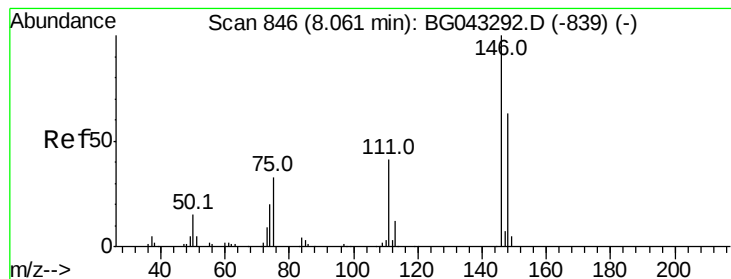
Ion Ratio Lower Upper

146 100

148 61.7 53.4 80.2

75 32.4 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 43.376 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

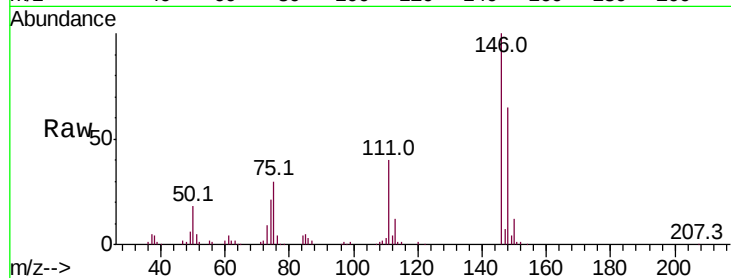
Tot Ion:146 Resp: 119796

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

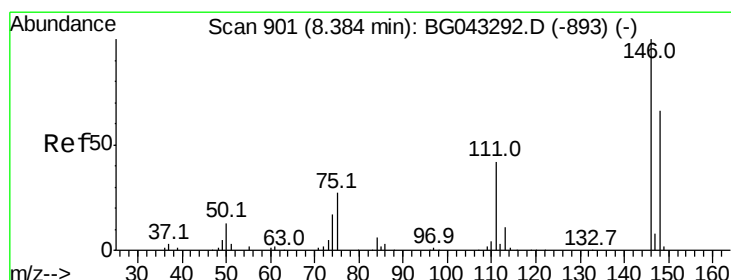
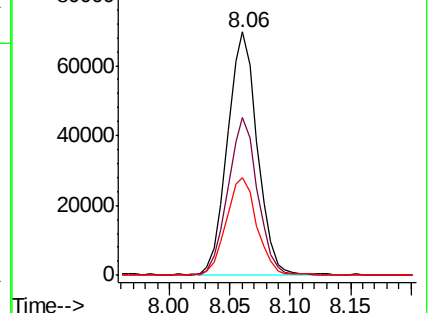
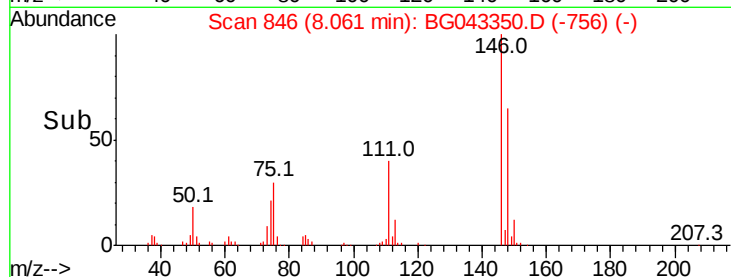
111 40.1 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 42.392 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

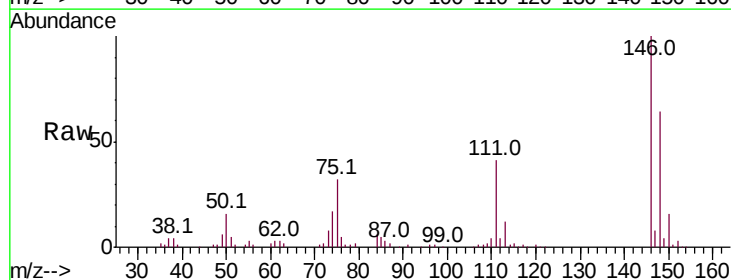
Tgt Ion:146 Resp: 114313

Ion Ratio Lower Upper

146 100

148 63.9 53.0 79.4

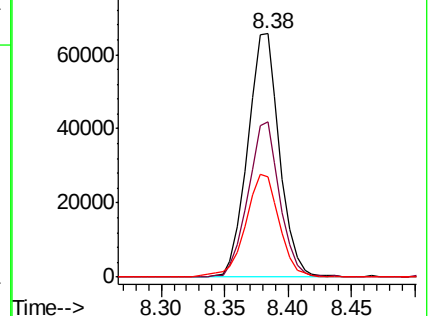
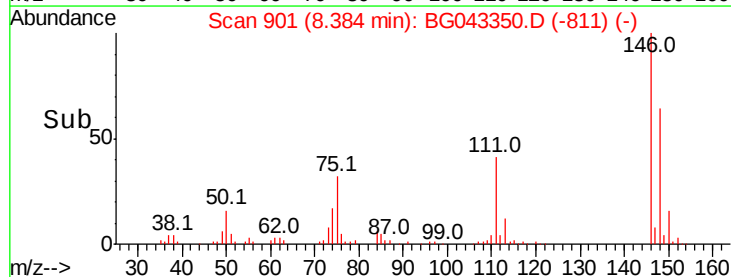
111 41.4 34.5 51.7

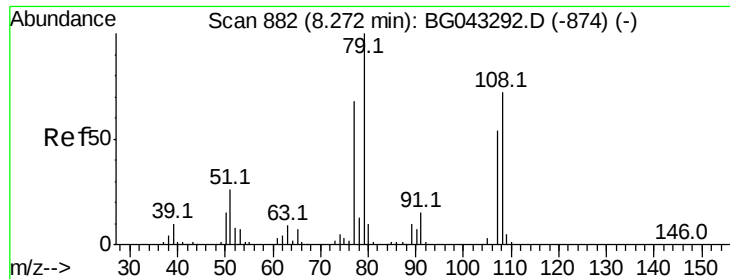


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.359 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

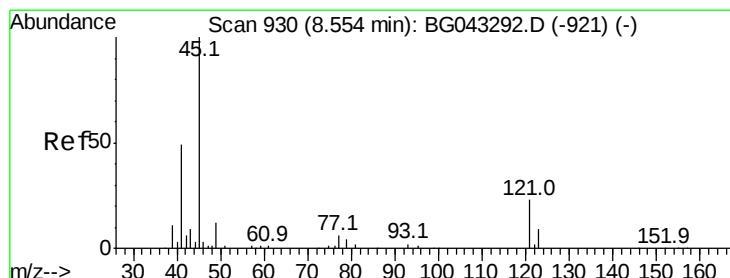
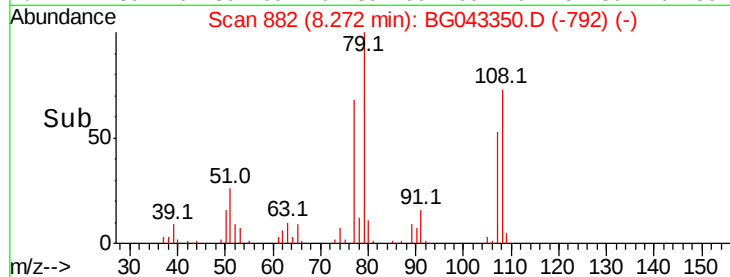
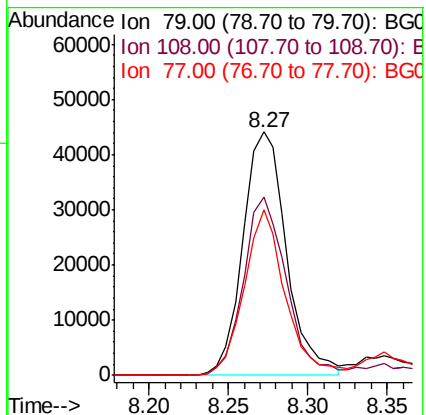
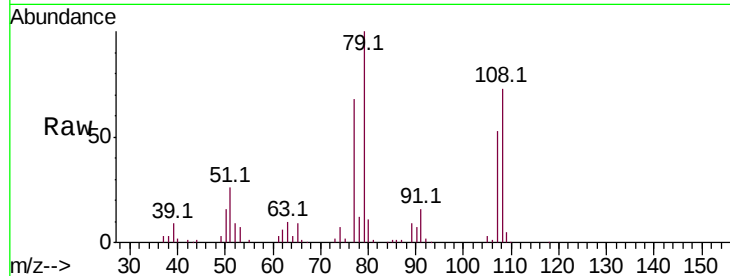
Tot Ion: 79 Resp: 84475

Ion Ratio Lower Upper

79 100

108 73.2 57.3 85.9

77 67.9 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.222 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

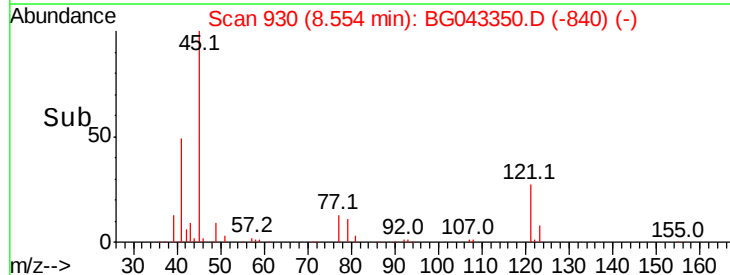
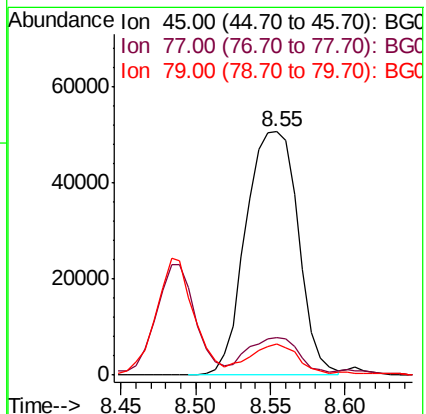
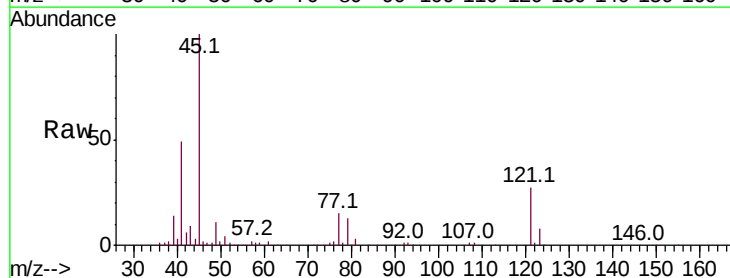
Tgt Ion: 45 Resp: 123166

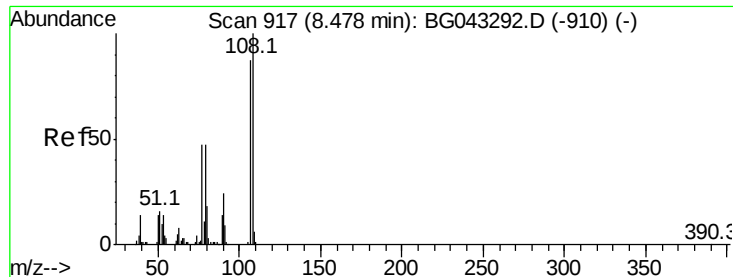
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.2

79 12.6 0.0 32.3





#17

2-Methylphenol

Concen: 42.447 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80294

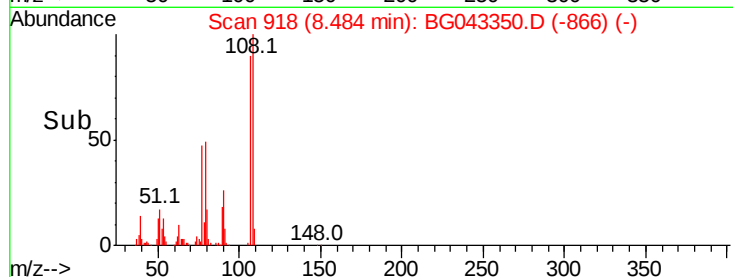
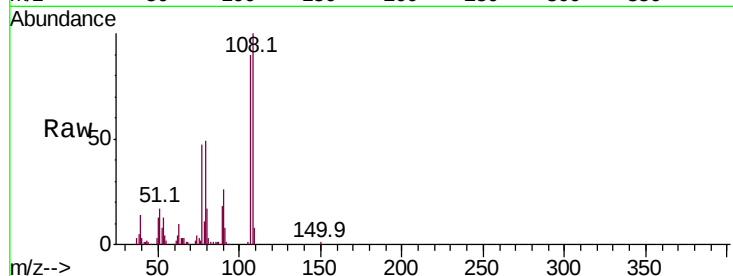
Ion Ratio Lower Upper

107 100

108 111.2 91.3 136.9

77 52.0 43.0 64.6

79 54.8 43.4 65.2



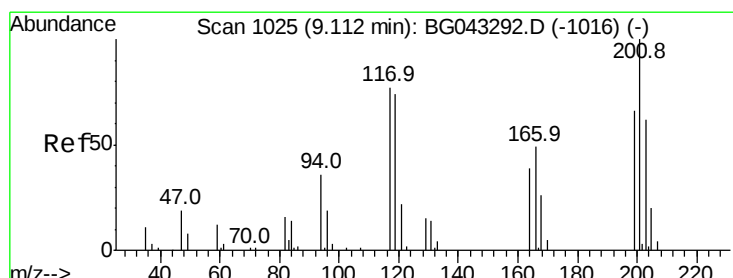
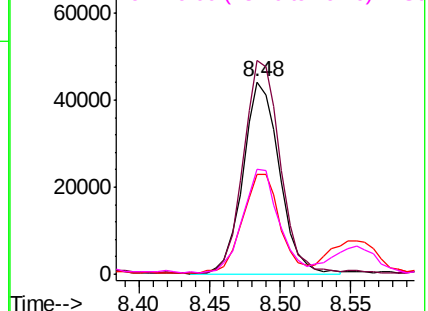
Abundance

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: 43.259 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

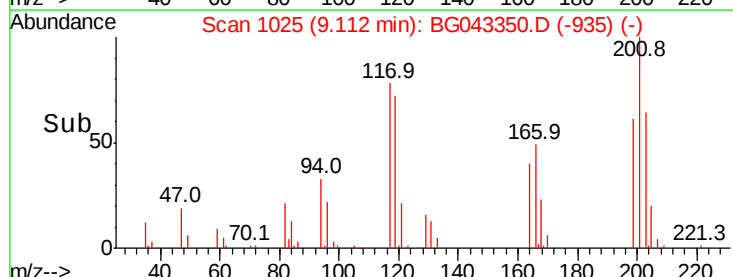
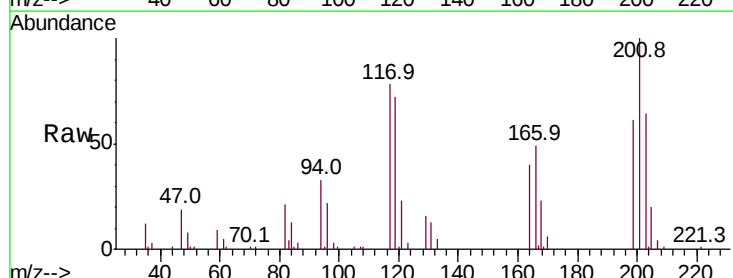
Tgt Ion:117 Resp: 43104

Ion Ratio Lower Upper

117 100

119 91.7 77.3 115.9

201 127.4 104.2 156.4

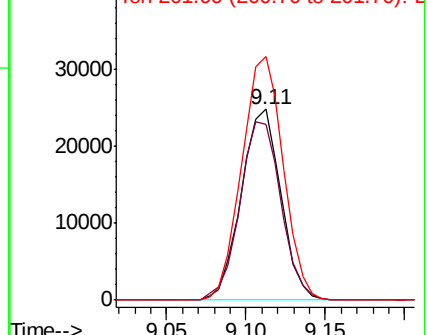


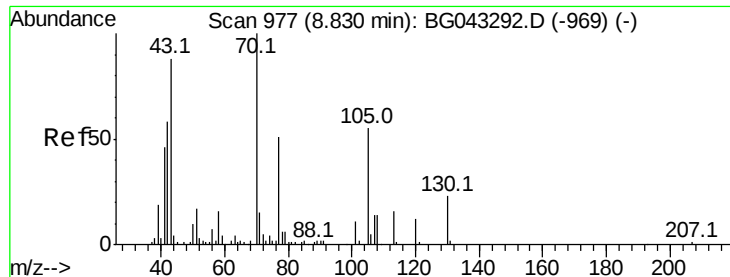
Abundance

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

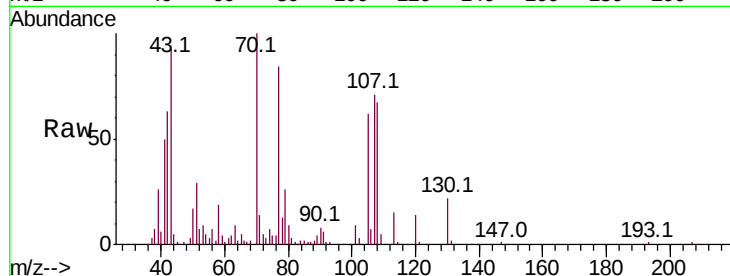




#19
n-Nitroso-di-n-propylamine
Concen: 41.376 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	75921
Ion	Ratio	Lower	Upper
70	100		
42	63.4	46.2	69.2
101	9.3	8.6	13.0
130	21.9	18.6	27.8



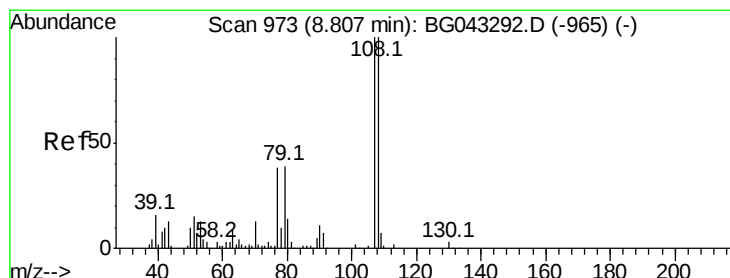
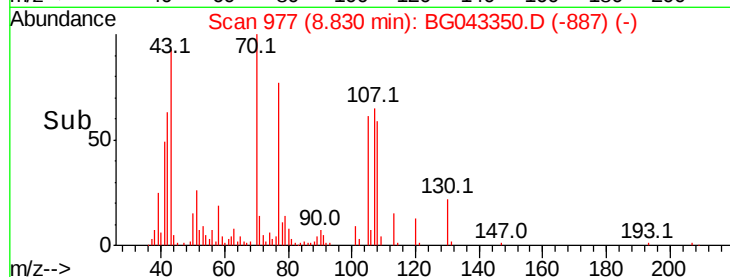
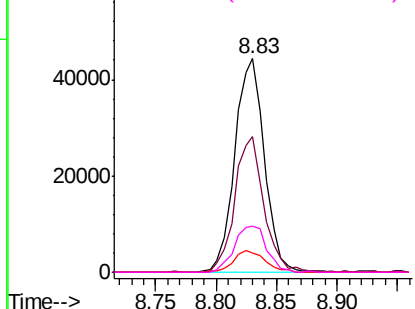
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

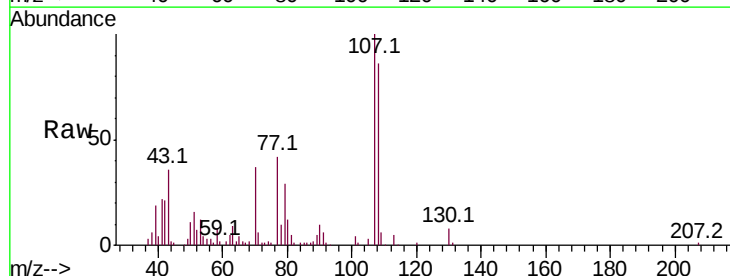
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.834 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion:	107	Resp:	111106
Ion	Ratio	Lower	Upper
107	100		
108	86.2	80.3	120.3
77	41.6	18.2	58.2
79	29.0	18.8	58.8



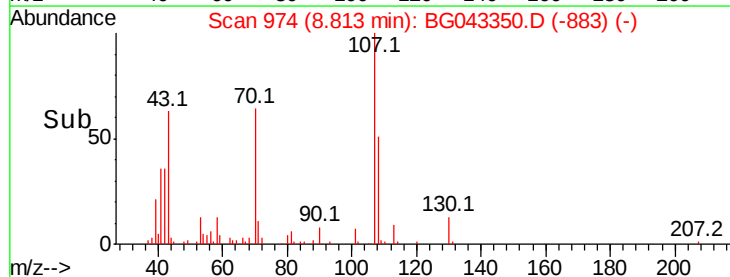
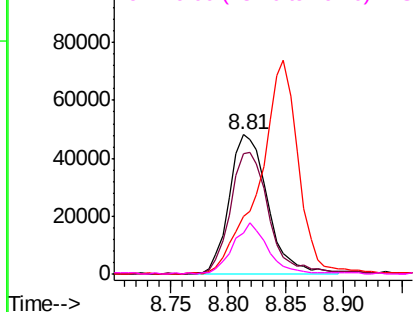
Abundance

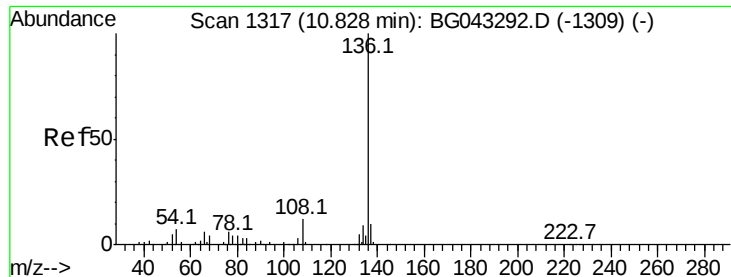
Ion 107.00 (106.70 to 107.70): BGC

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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 151716

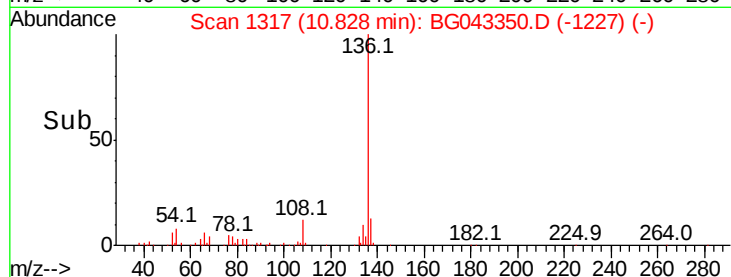
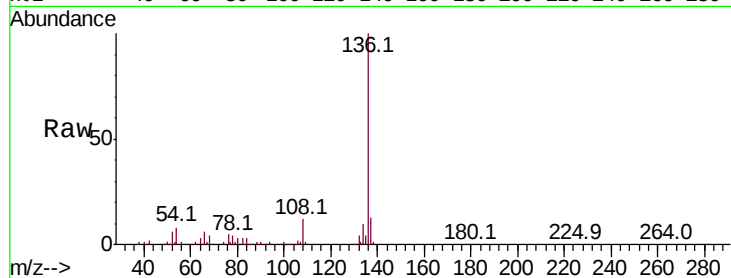
Ion Ratio Lower Upper

136 100

137 12.6 8.2 12.2#

54 8.0 5.4 8.2

68 3.9 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

120000

100000

80000

60000

40000

20000

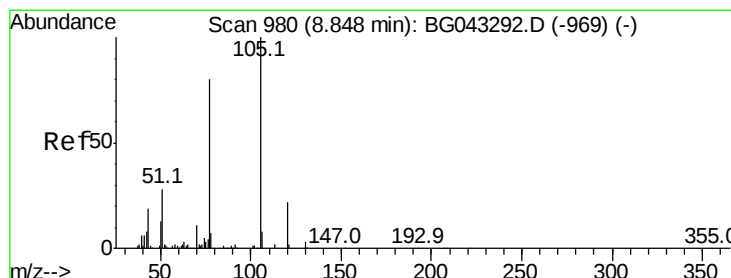
0

10.83

10.80

10.90

Time-->



#22

Acetophenone

Concen: 40.777 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:105 Resp: 158430

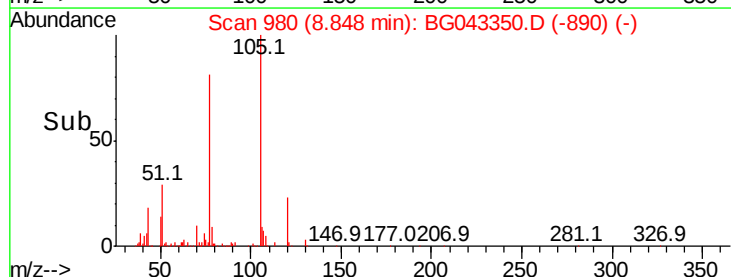
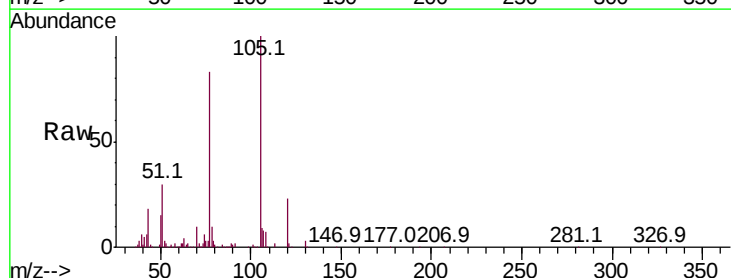
Ion Ratio Lower Upper

105 100

71 1.6 1.5 2.3

51 29.8 23.9 35.9

120 23.2 17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

100000

50000

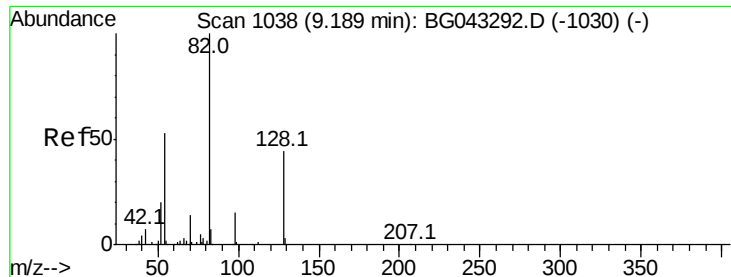
0

8.85

8.80

8.90

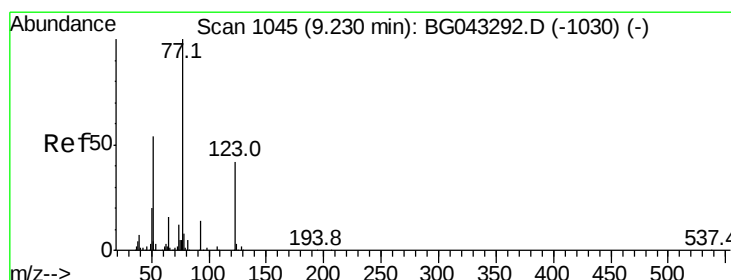
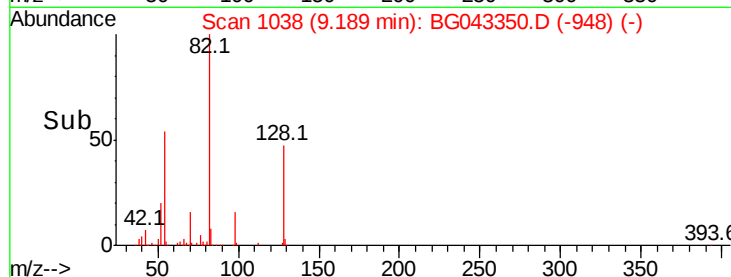
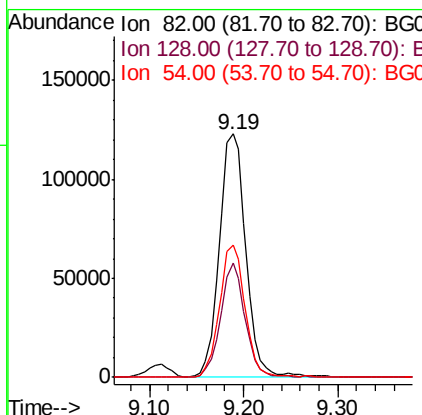
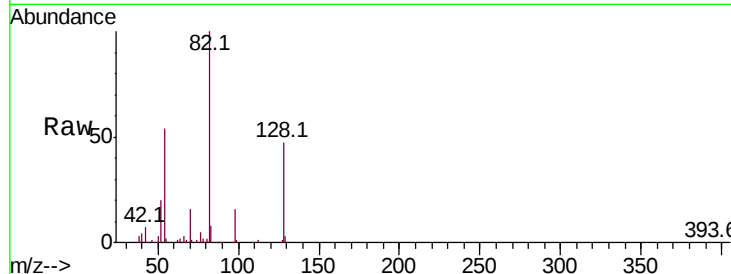
Time-->



#23
 Nitrobenzene-d5
 Concen: 81.503 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

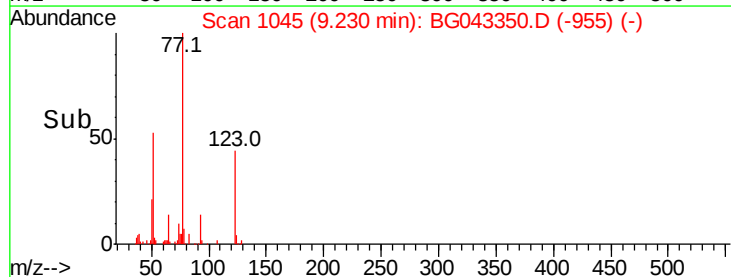
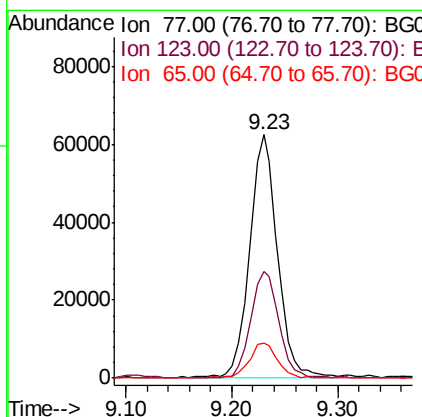
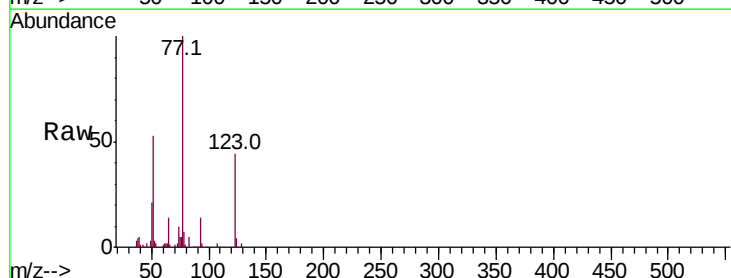
Instrument :
 BNA_G
 ClientSampleId :

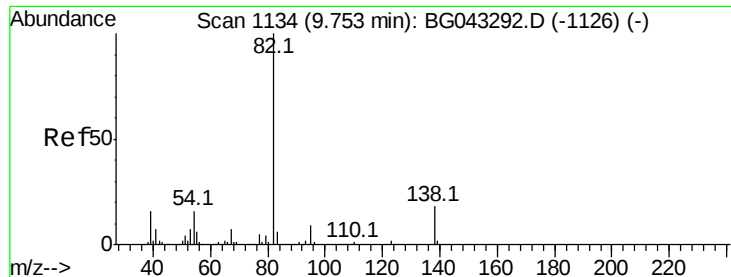
Tot Ion: 82 Resp: 239849
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.3 52.9
 54 54.3 42.3 63.5



#24
 Nitrobenzene
 Concen: 41.145 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion: 77 Resp: 115344
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.8 50.8
 65 14.2 13.0 19.4





#25

Isophorone

Concen: 40.586 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

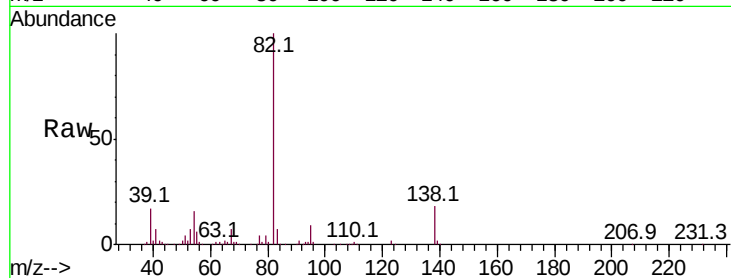
Tot Ion: 82 Resp: 218362

Ion Ratio Lower Upper

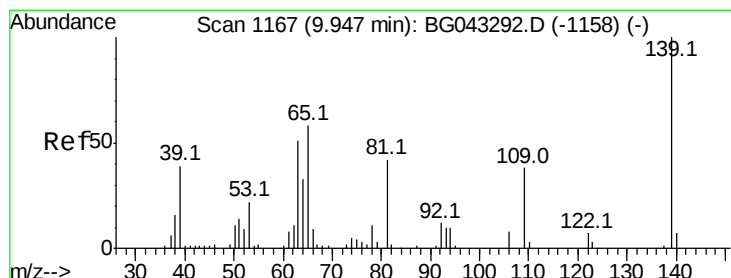
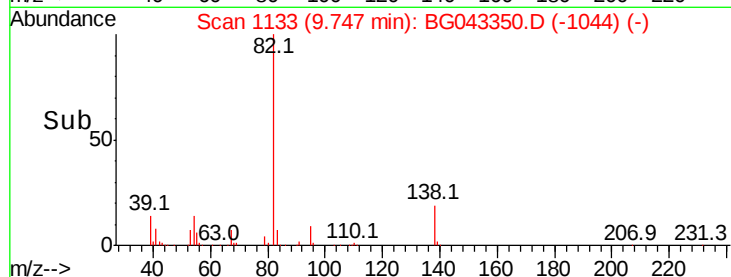
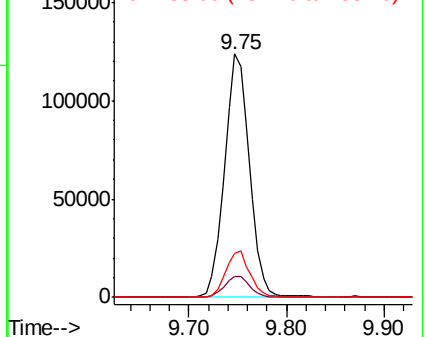
82 100

95 8.8 6.9 10.3

138 17.8 14.2 21.2



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



#26

2-Nitrophenol

Concen: 42.334 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

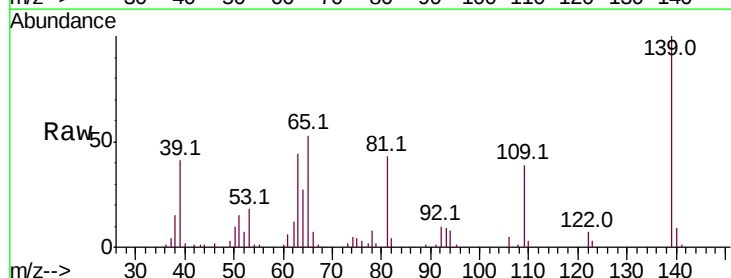
Tgt Ion: 139 Resp: 57296

Ion Ratio Lower Upper

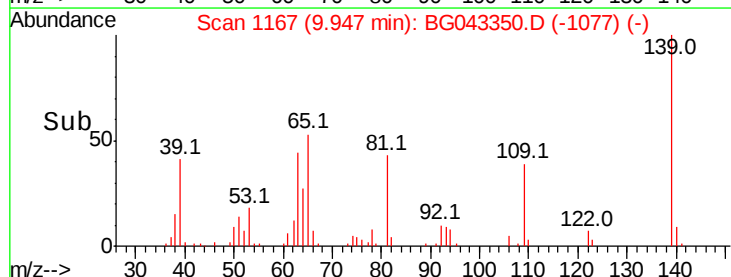
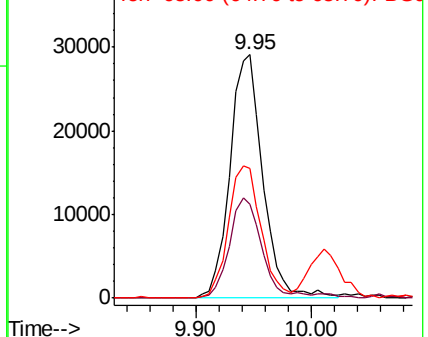
139 100

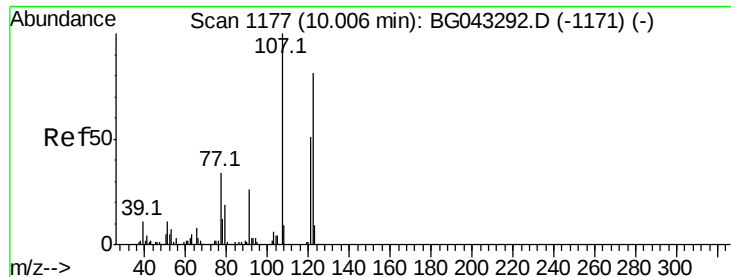
109 38.6 30.1 45.1

65 53.3 46.1 69.1



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

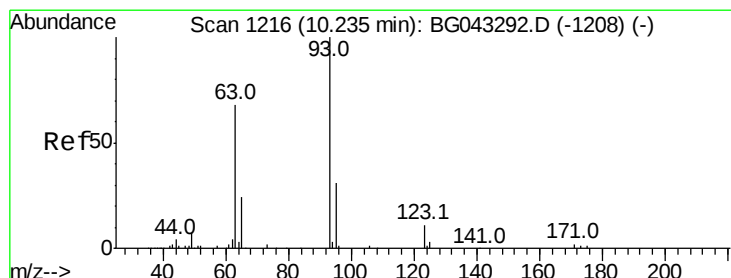
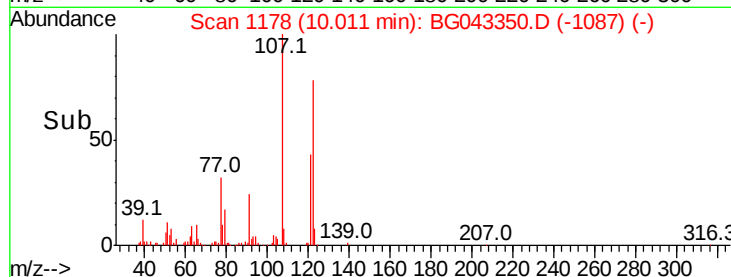
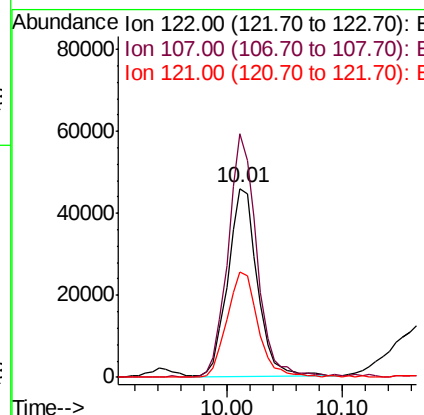
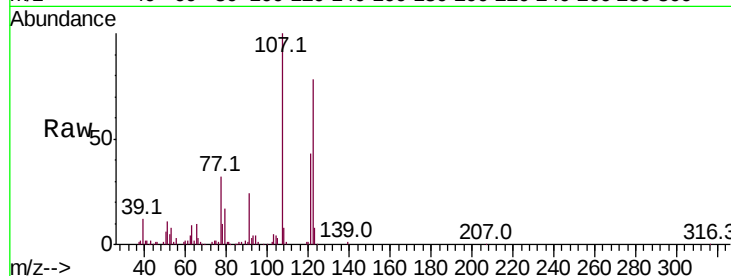




#27
 2,4-Dimethylphenol
 Concen: 41.840 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

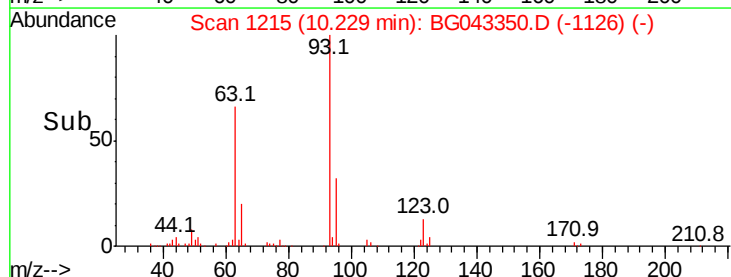
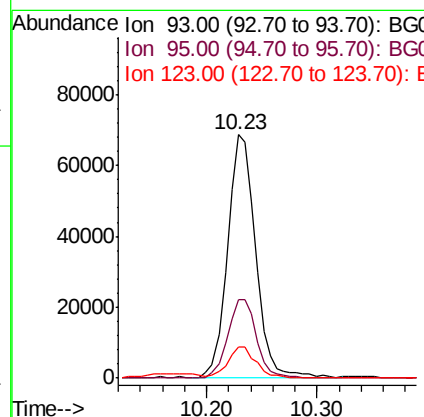
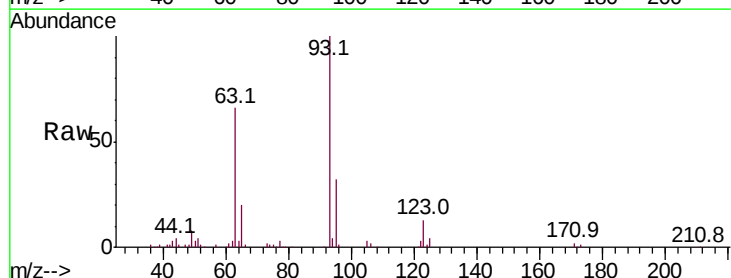
Instrument :
 BNA_G
 ClientSampleId :

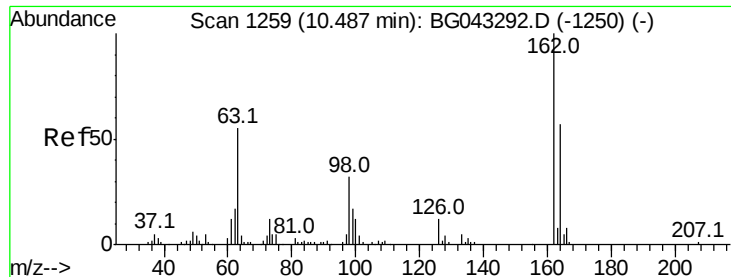
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.9	98.6	147.8
121	55.8	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.810 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	12.8	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 42.214 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

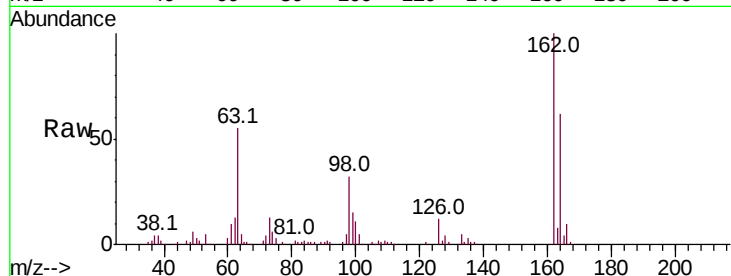
Tot Ion:162 Resp: 104921

Ion Ratio Lower Upper

162 100

164 61.7 37.3 77.3

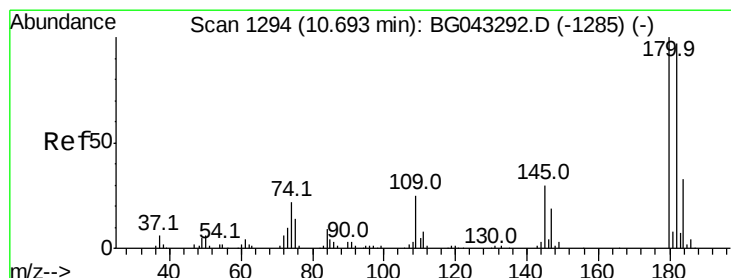
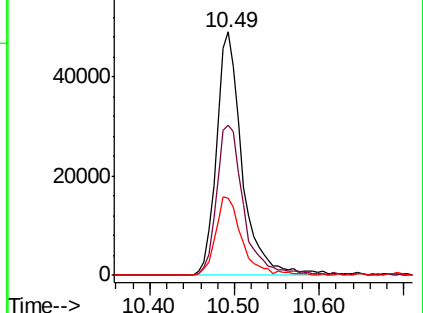
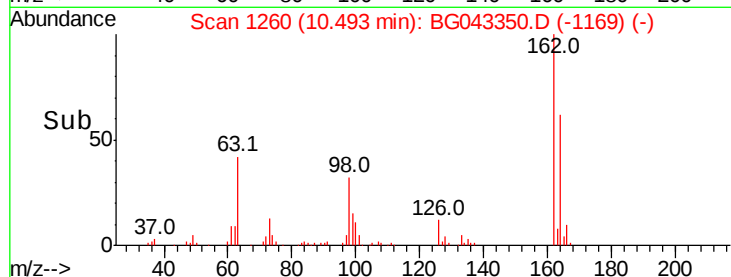
98 31.6 11.8 51.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.984 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

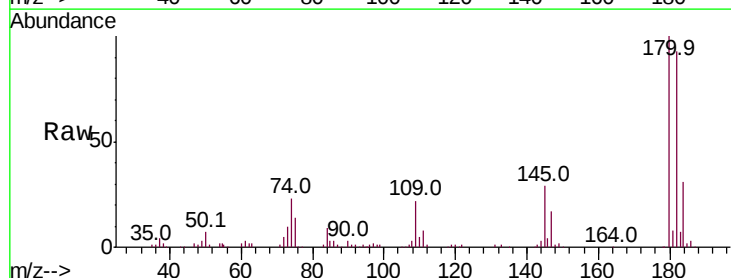
Tgt Ion:180 Resp: 131516

Ion Ratio Lower Upper

180 100

182 93.2 77.8 116.8

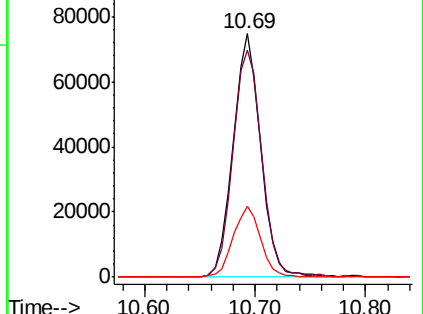
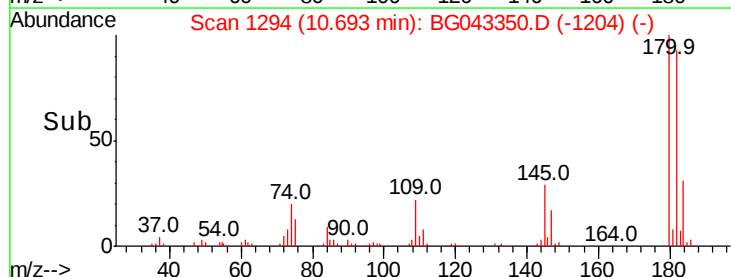
145 29.1 23.6 35.4

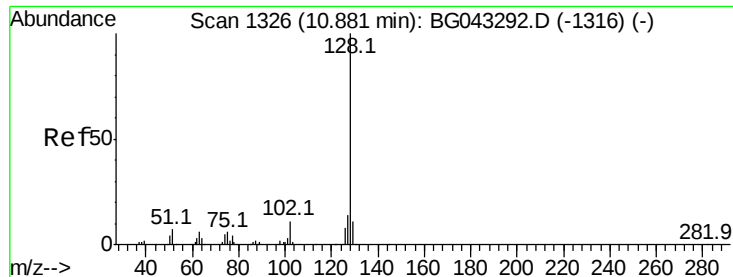


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

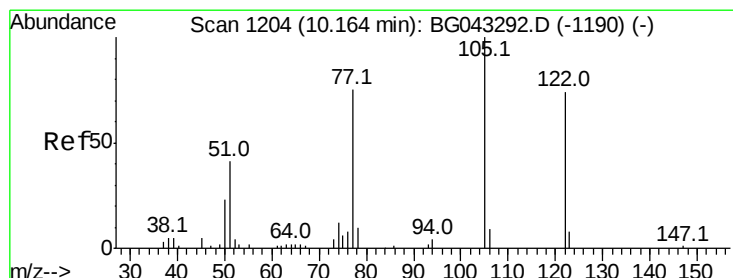
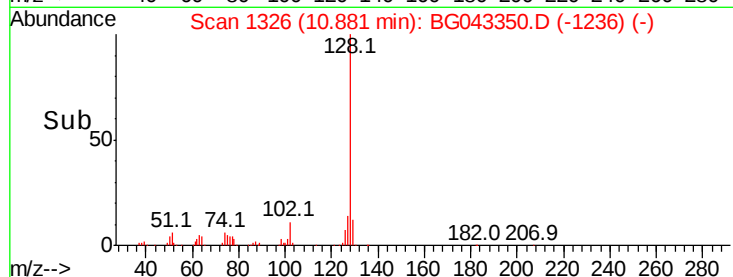
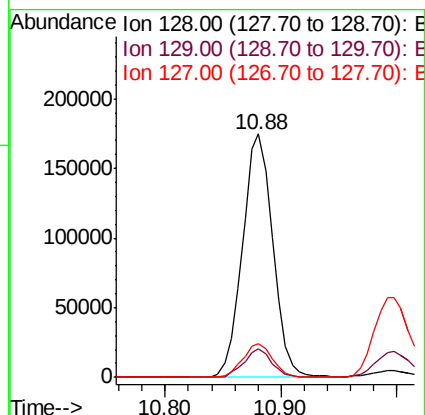
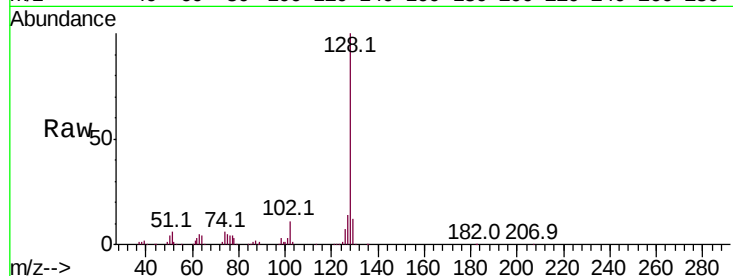




#31
Naphthalene
Concen: 41.355 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

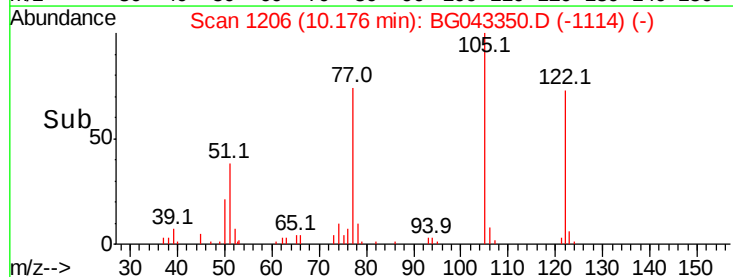
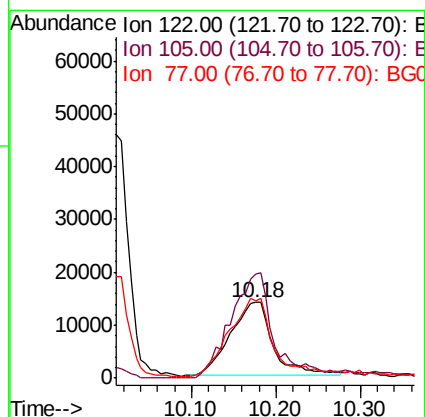
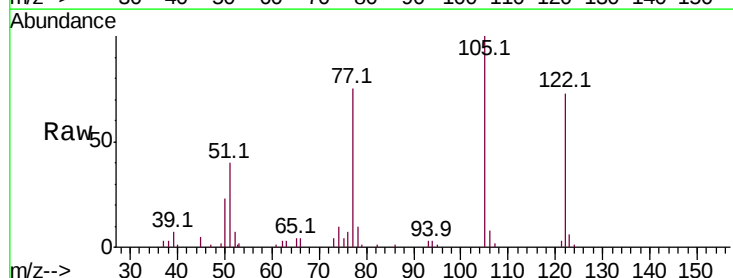
Instrument :
BNA_G
ClientSampleId :

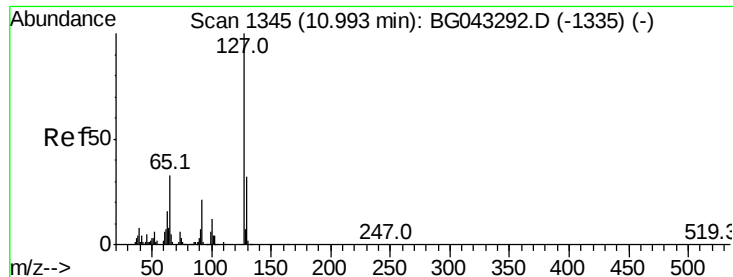
Tot Ion:128 Resp: 318476
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.8 11.5 17.3



#32
Benzoic acid
Concen: 36.068 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion:122 Resp: 49317
Ion Ratio Lower Upper
122 100
105 136.9 112.4 152.4
77 102.2 82.7 122.7

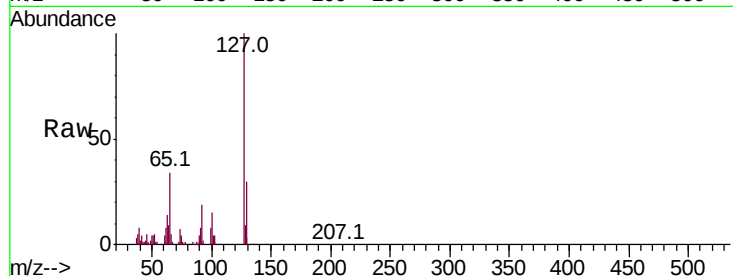




#33
4-Chloroaniline
Concen: 42.305 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	133546
Ion Ratio	Lower	Upper
127	100	
129	30.3	25.8 38.8
65	33.9	26.2 39.2
92	19.1	17.0 25.4



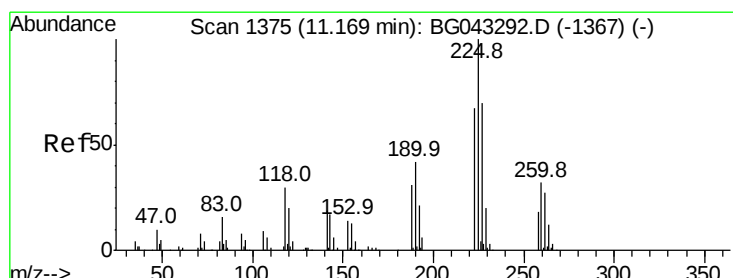
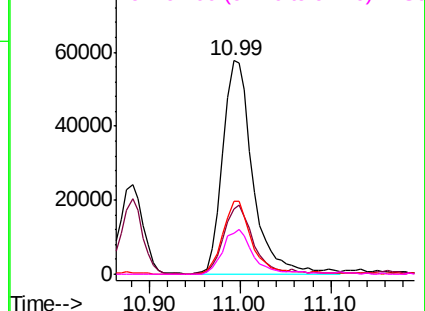
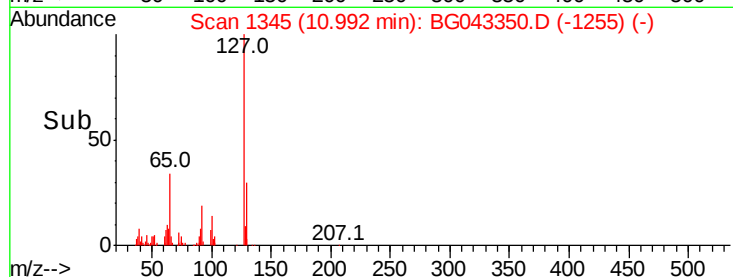
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

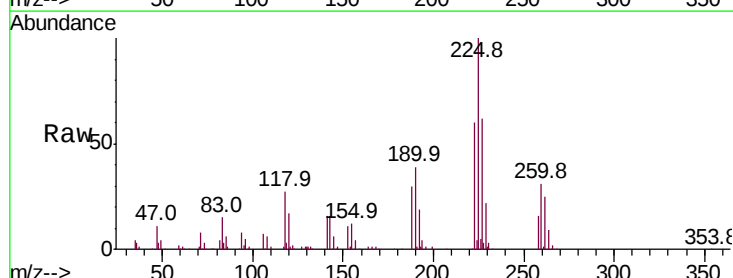
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.302 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion:225	Resp:	97957
Ion Ratio	Lower	Upper
225	100	
223	60.3	53.2 79.8
227	62.3	56.2 84.2

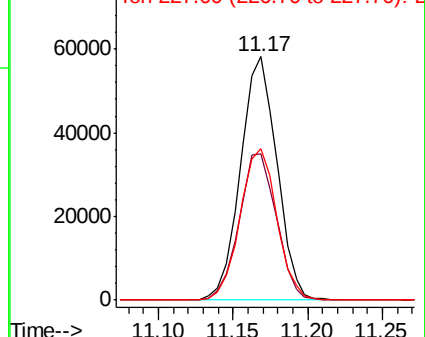
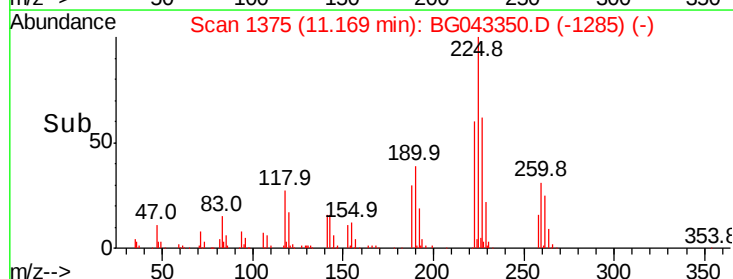


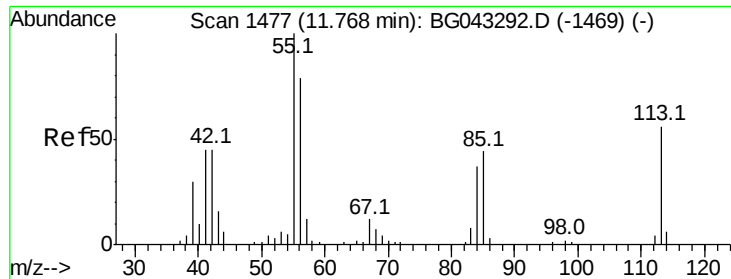
Abundance

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: 40.940 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

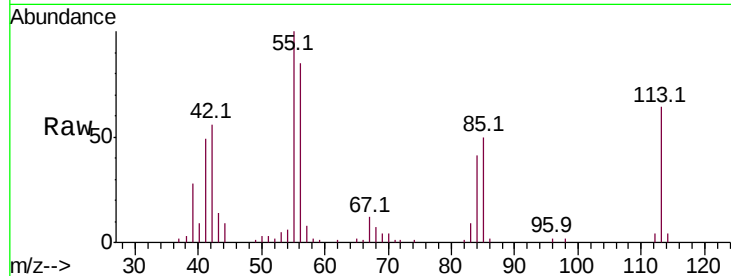
Tot Ion:113 Resp: 35044

Ion Ratio Lower Upper

113 100

55 155.4 158.9 198.9#

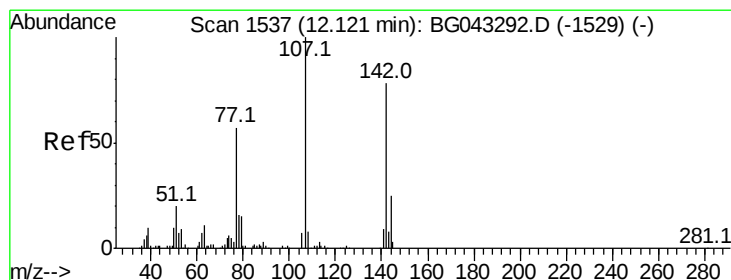
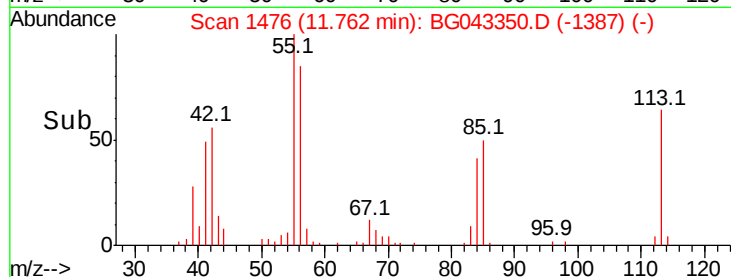
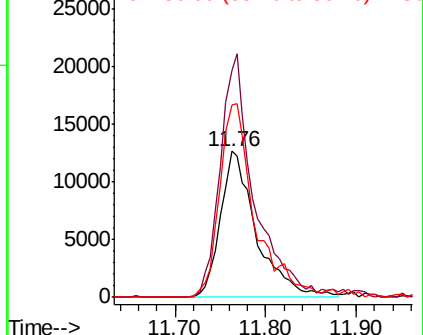
56 131.7 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.880 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

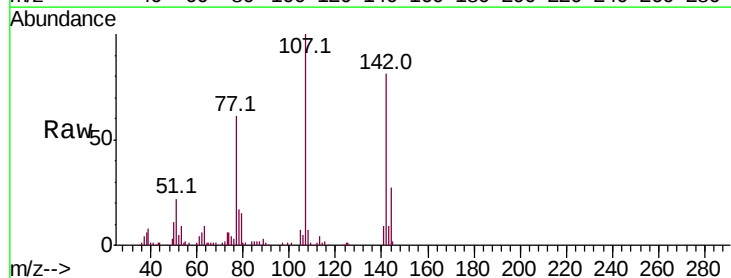
Tgt Ion:107 Resp: 110829

Ion Ratio Lower Upper

107 100

144 27.5 19.9 29.9

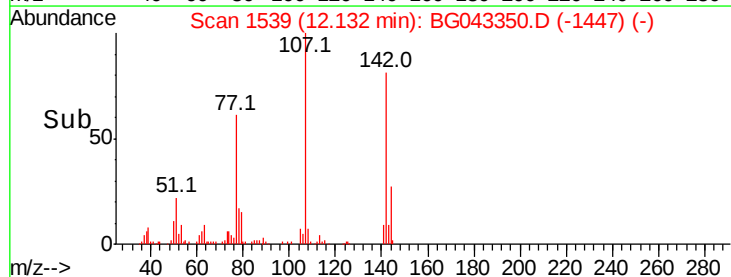
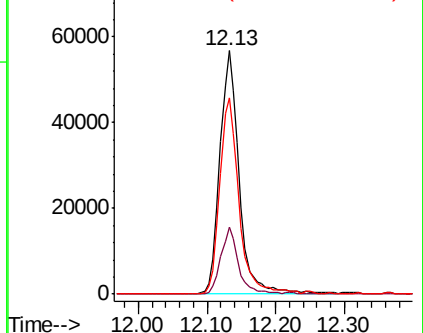
142 80.5 62.1 93.1

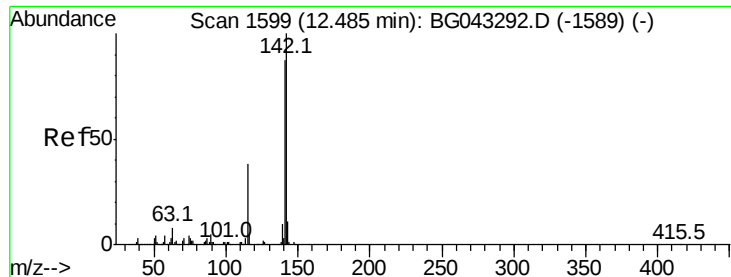


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

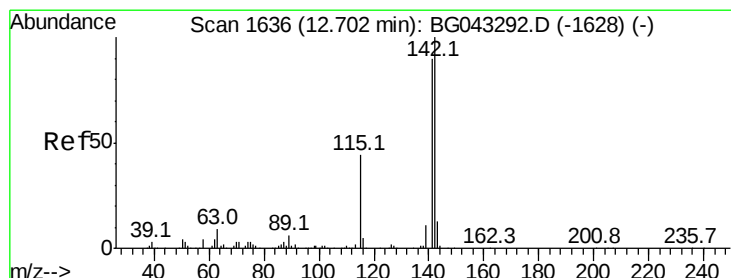
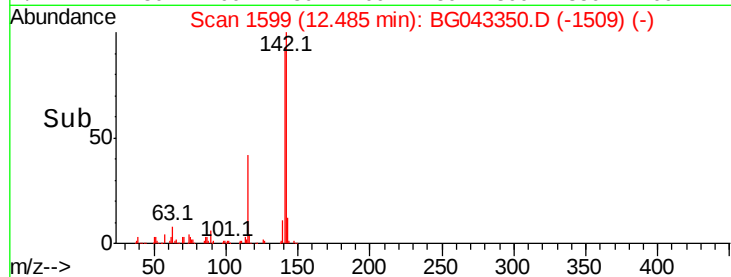
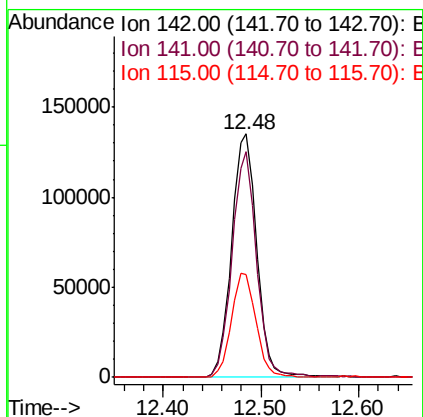
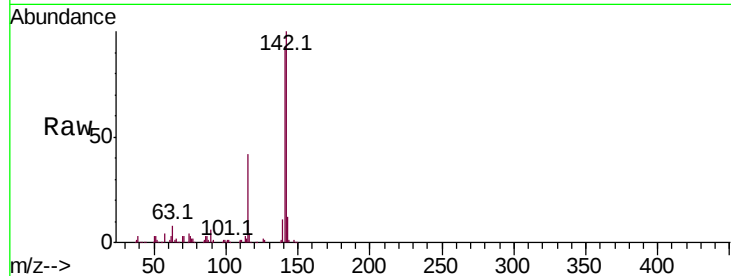




#37
2-Methylnaphthalene
Concen: 41.135 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

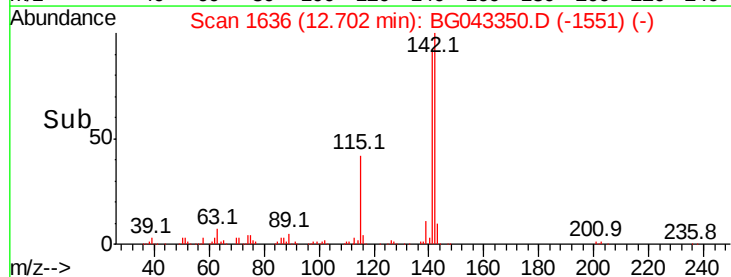
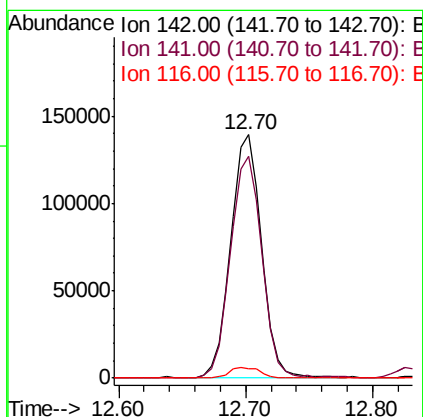
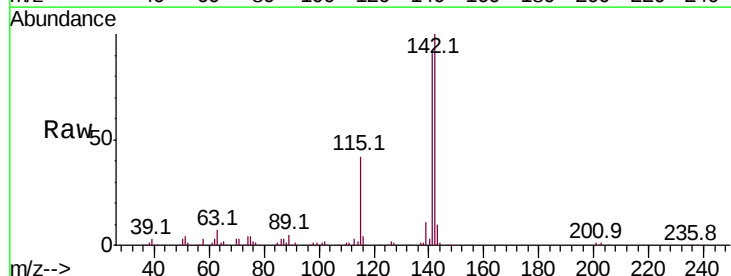
Instrument :
BNA_G
ClientSampleId :

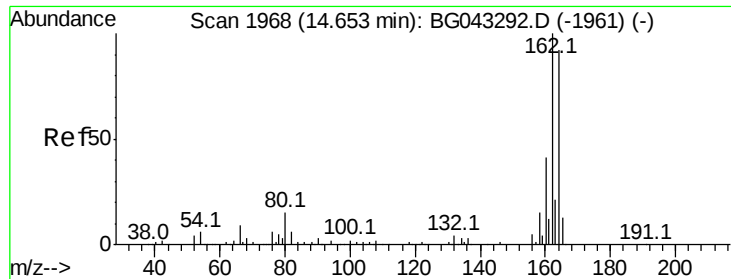
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	69.7	104.5
115	42.1	30.6	46.0



#38
1-Methylnaphthalene
Concen: 41.293 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
116	3.9	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

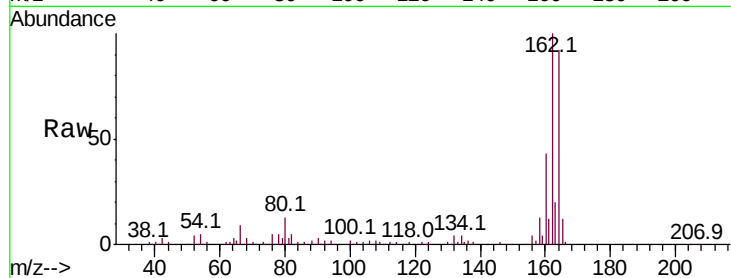
Tot Ion:164 Resp: 111669

Ion Ratio Lower Upper

164 100

162 108.5 87.0 130.4

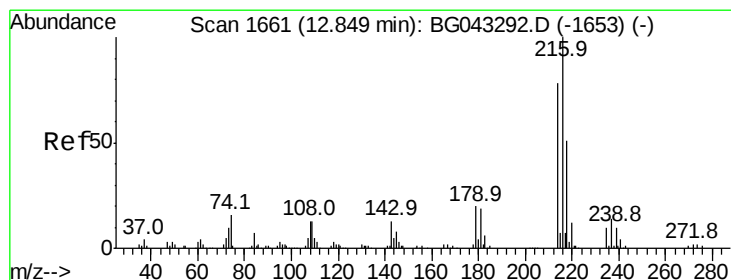
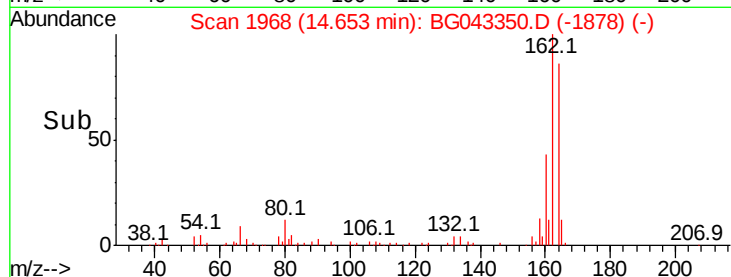
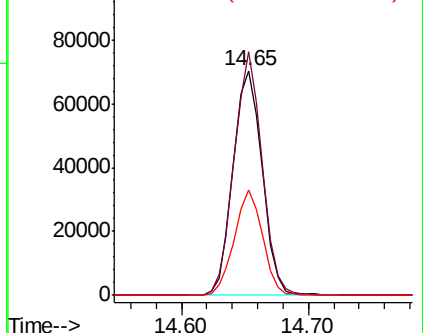
160 46.8 35.5 53.3



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: 42.363 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:216 Resp: 175074

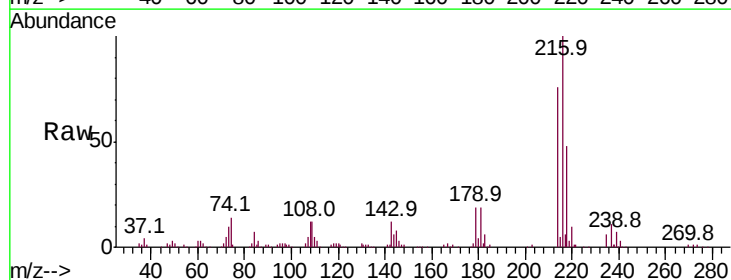
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 19.7 16.2 24.2

108 14.2 11.2 16.8

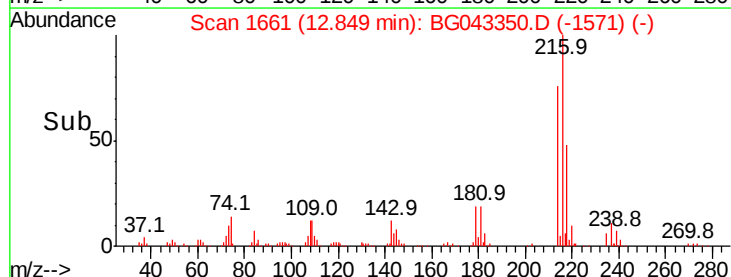
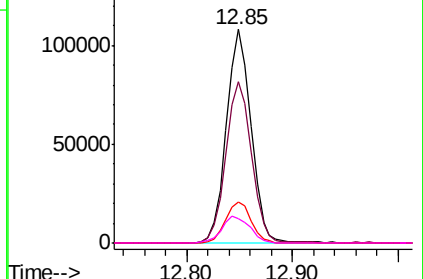


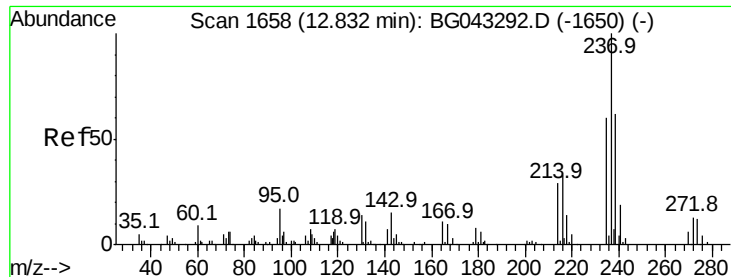
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.897 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

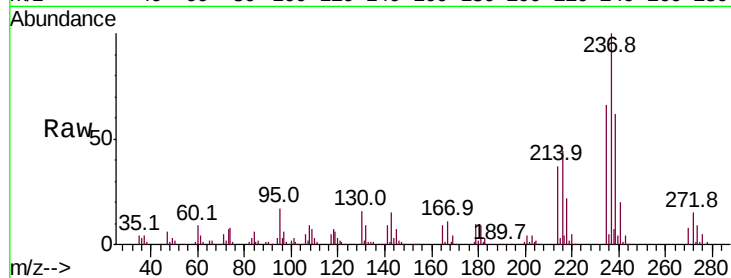
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 93126

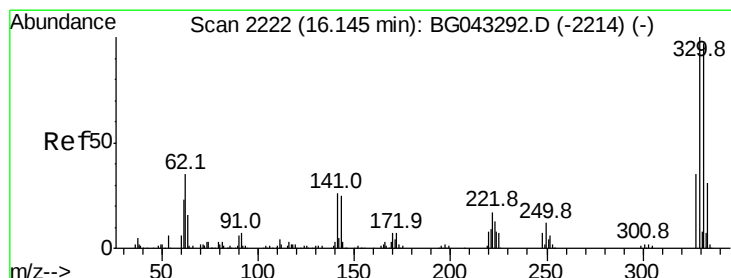
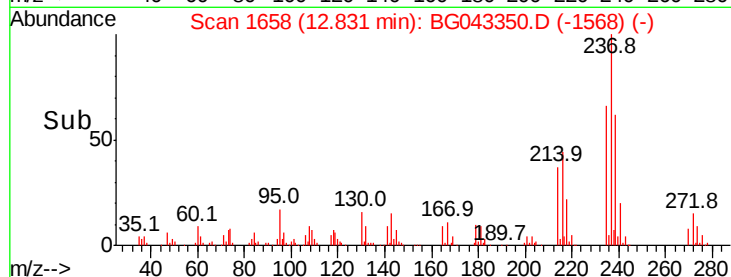
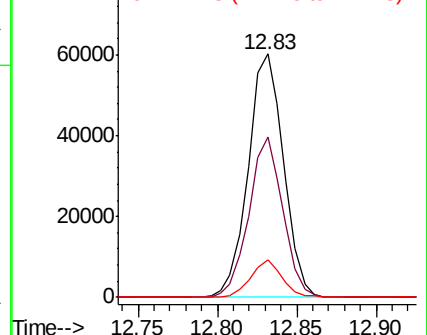
Ion	Ratio	Lower	Upper
237	100		
235	65.9	40.3	80.3
272	15.5	0.0	32.9



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: 84.077 ng

RT: 16.15 min Scan# 2222

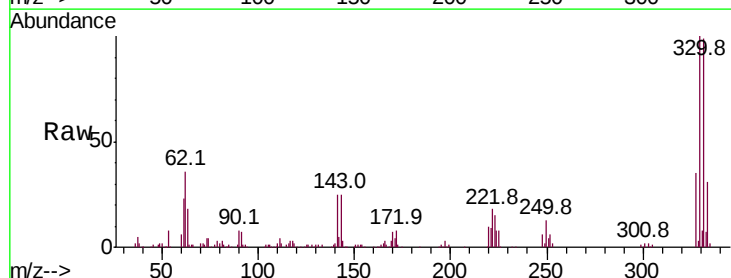
Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:330 Resp: 178670

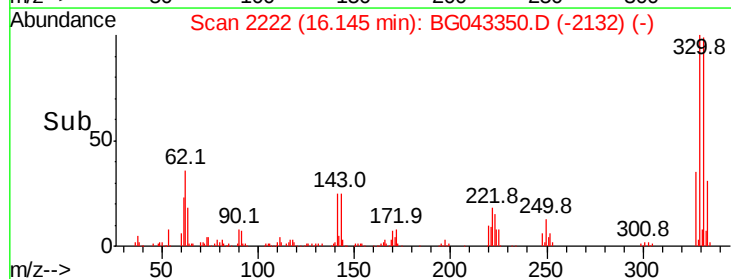
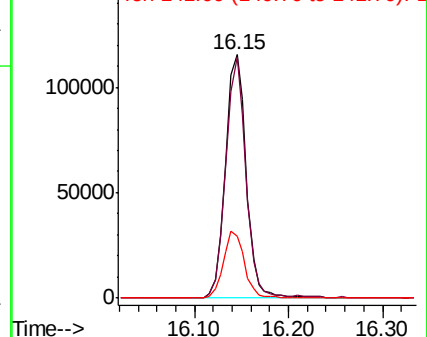
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.4	114.6
141	27.5	21.4	32.0

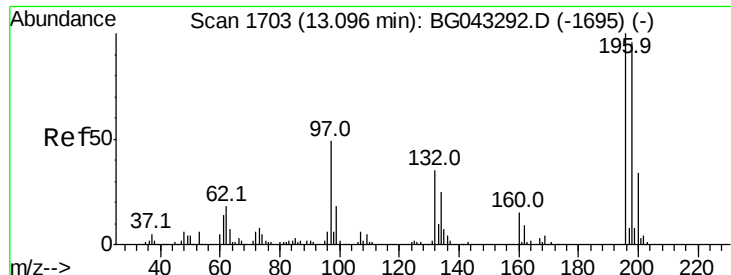


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

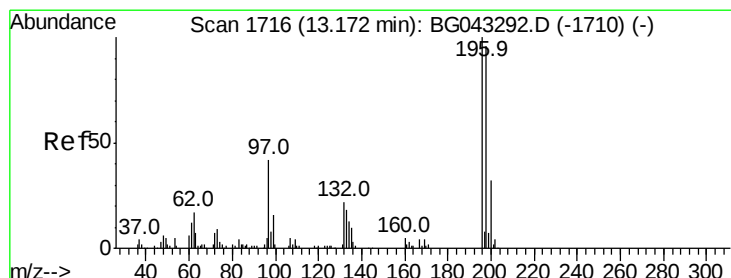
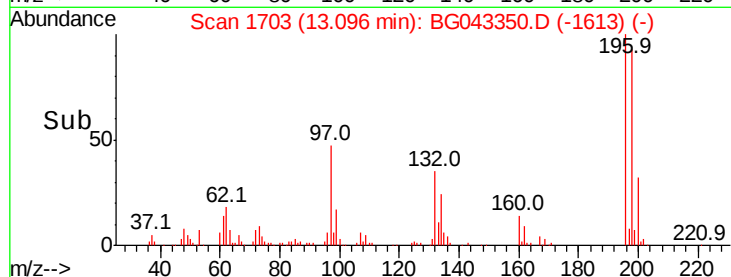
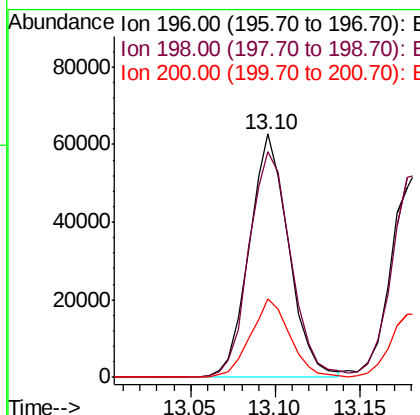
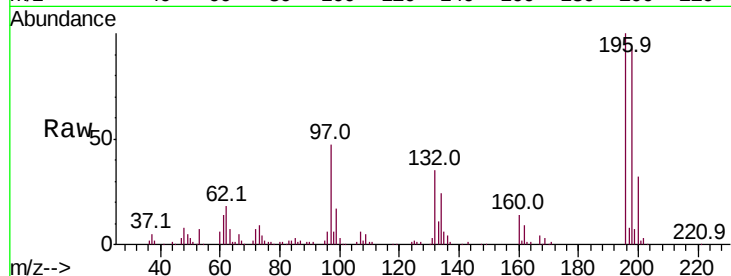




#43
 2,4,6-Trichlorophenol
 Concen: 41.645 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

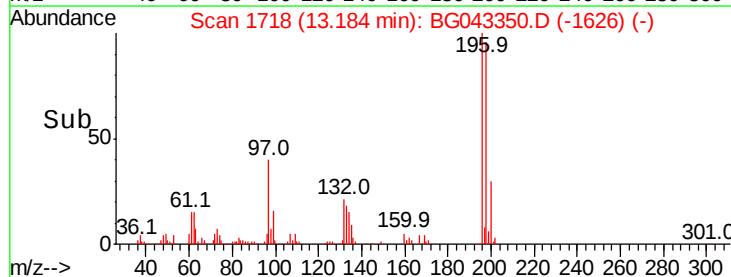
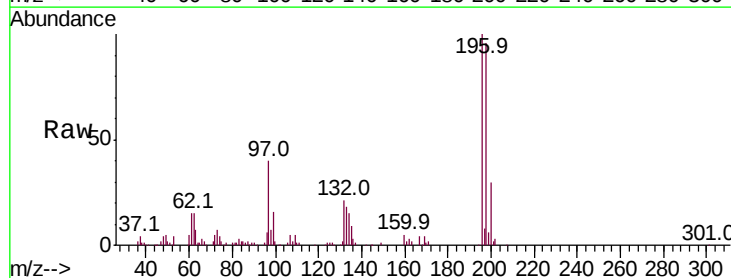
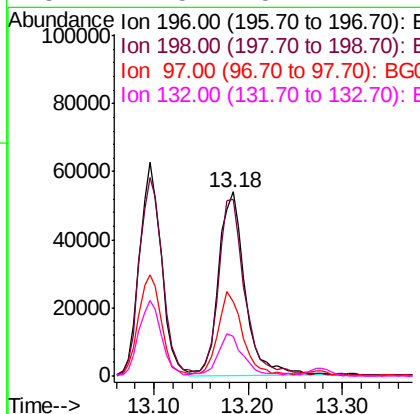
Instrument :
 BNA_G
 ClientSampleId :

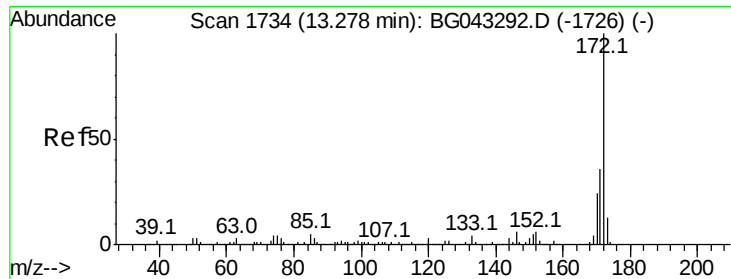
Tot Ion	196	Resp	101354
Ion Ratio	Lower	Upper	
196	100		
198	92.9	77.0	115.4
200	32.0	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.791 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion	196	Resp	105289
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.6	114.8
97	40.2	34.1	51.1
132	21.5	18.2	27.4

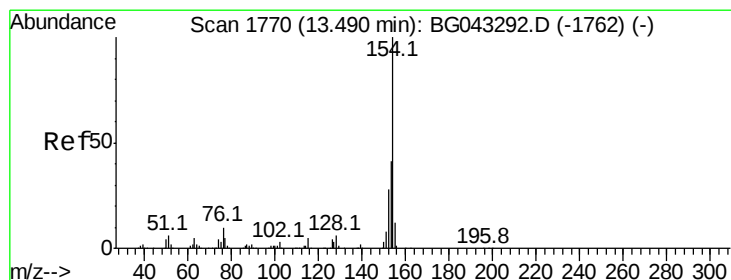
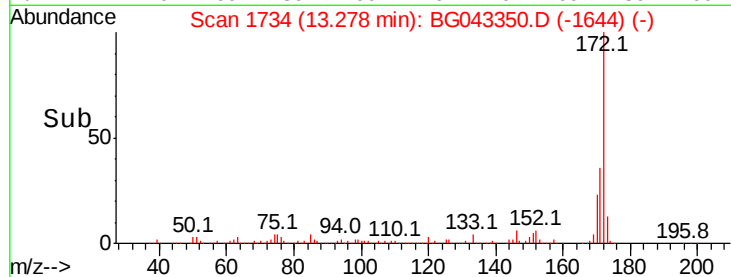
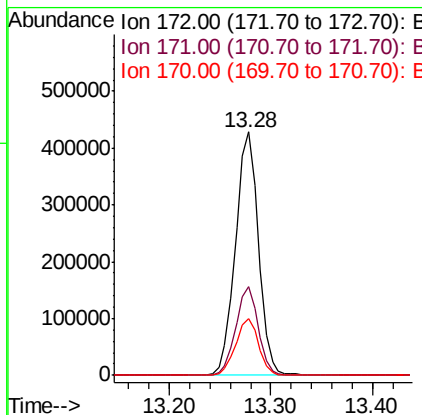
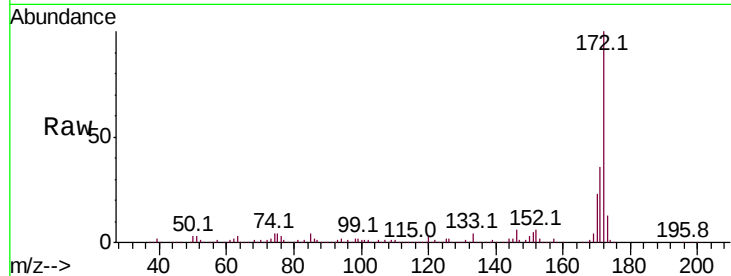




#45
 2-Fluorobiphenyl
 Concen: 83.604 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

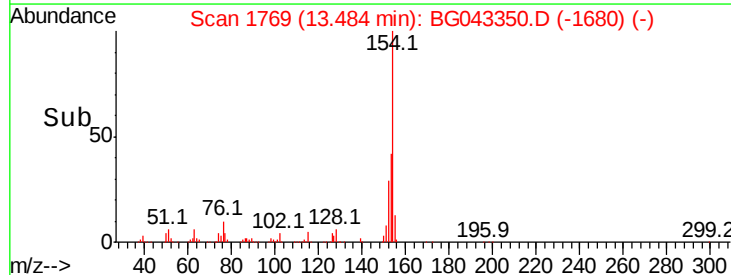
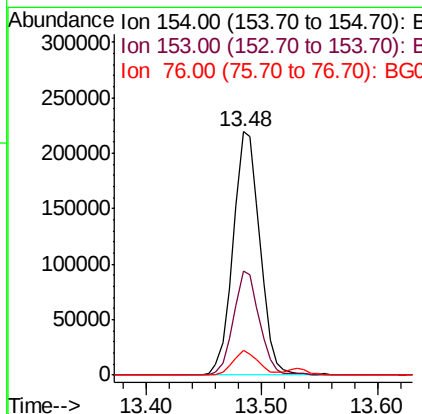
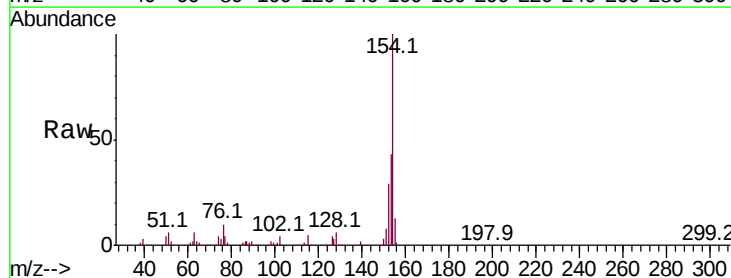
Instrument :
 BNA_G
 ClientSampleId :

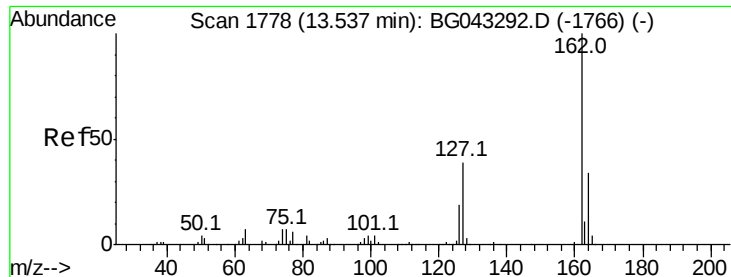
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.4	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 41.502 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.0	61.0
76	10.0	0.0	29.8

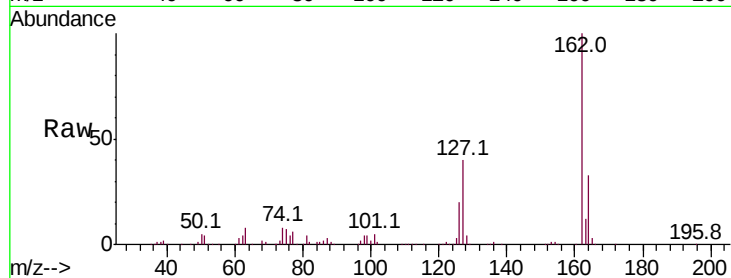




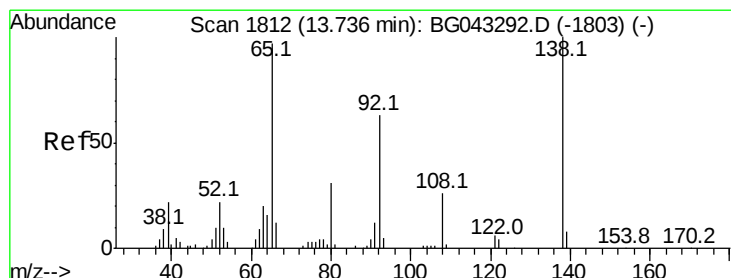
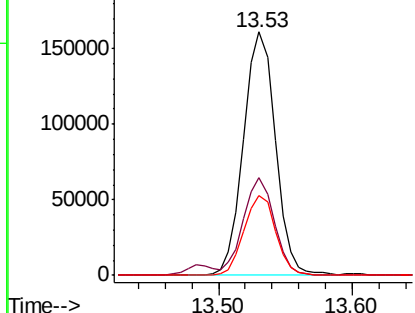
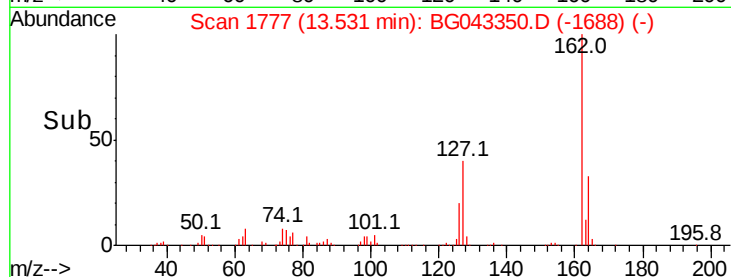
#47
2-Chloronaphthalene
Concen: 41.261 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 266701
Ion Ratio Lower Upper
162 100
127 39.9 31.3 46.9
164 32.9 26.8 40.2

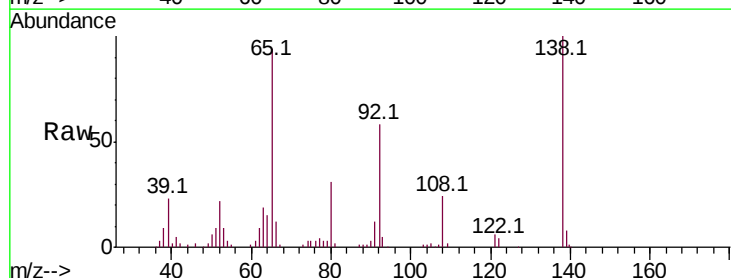


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

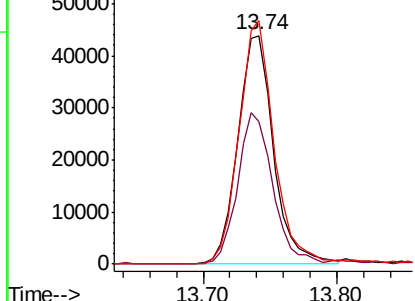
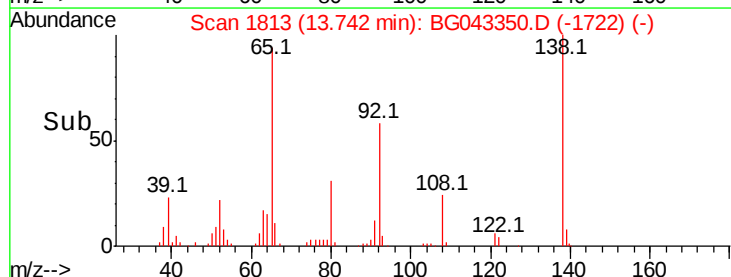


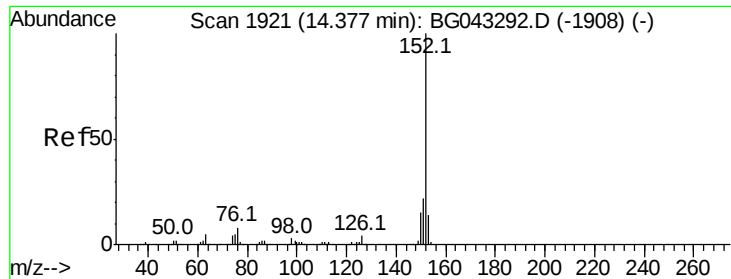
#48
2-Nitroaniline
Concen: 42.148 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion: 65 Resp: 81425
Ion Ratio Lower Upper
65 100
92 62.2 52.6 79.0
138 106.5 82.9 124.3



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: 42.052 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

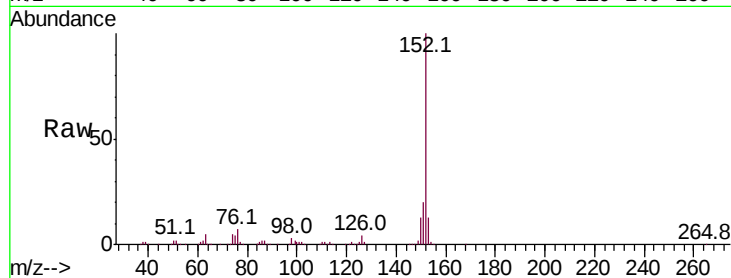
Tot Ion:152 Resp: 423034

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

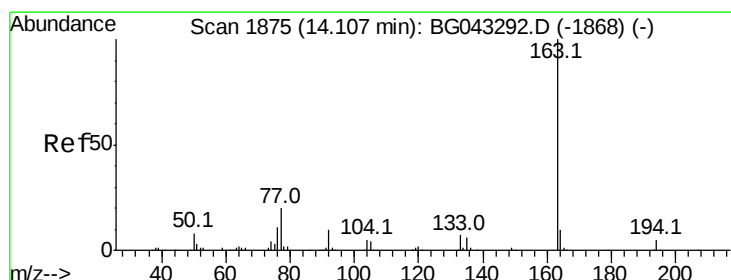
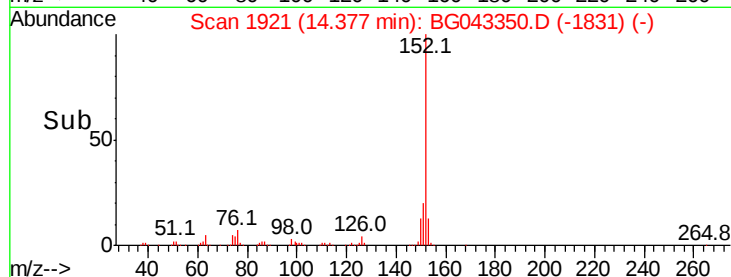
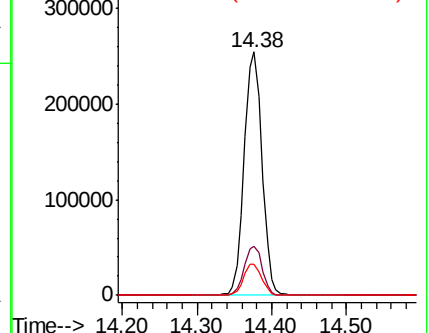
153 12.8 11.0 16.6



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: 40.792 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

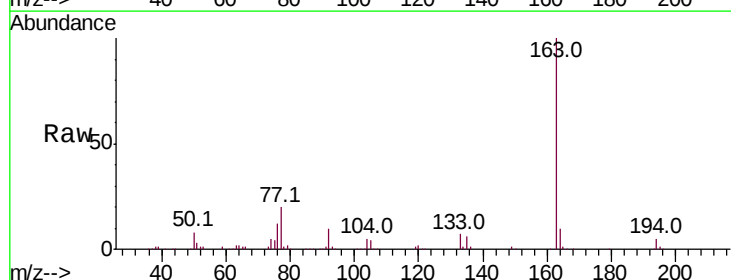
Tgt Ion:163 Resp: 352835

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

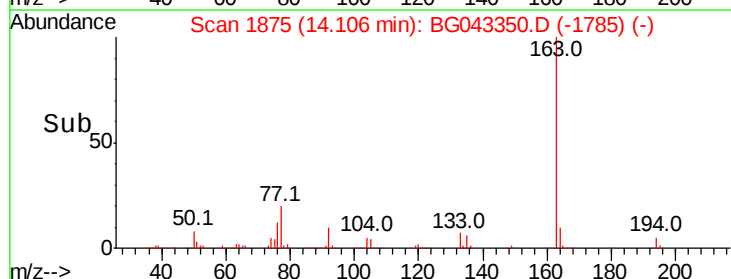
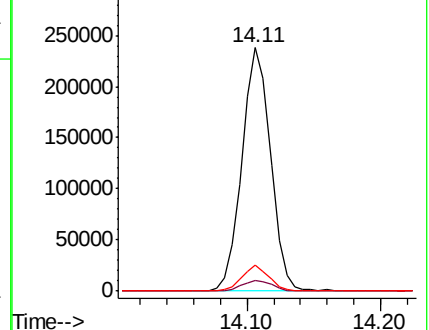
164 10.4 8.1 12.1

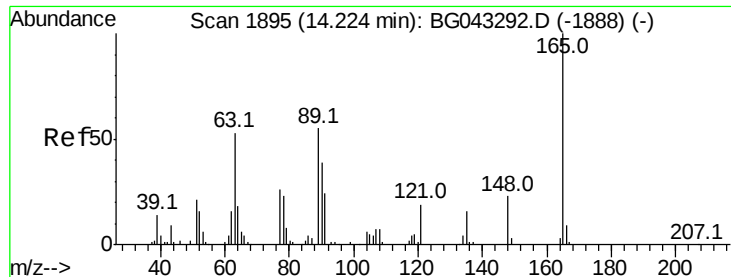


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

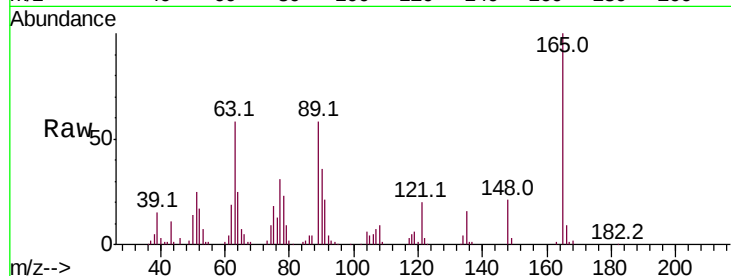




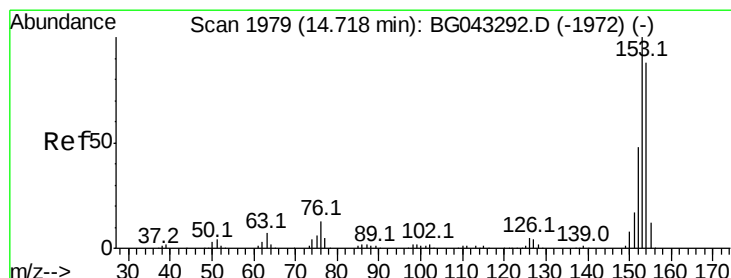
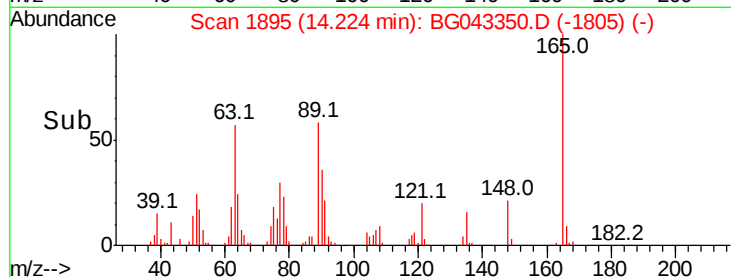
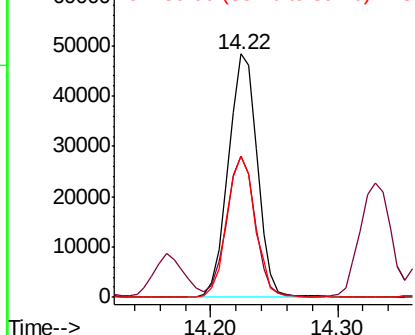
#51
2,6-Dinitrotoluene
Concen: 40.604 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	47.1	70.7
89	57.9	43.7	65.5

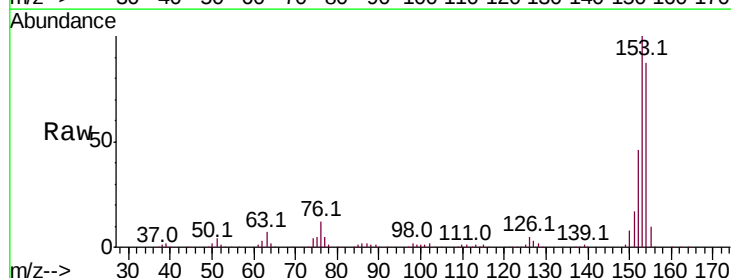


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

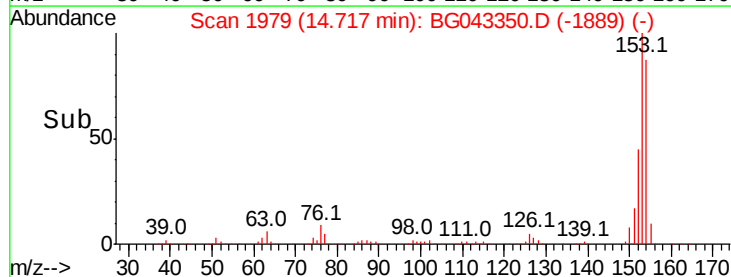
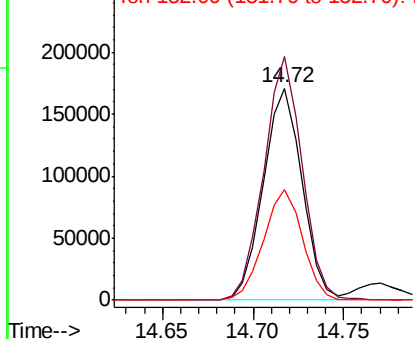


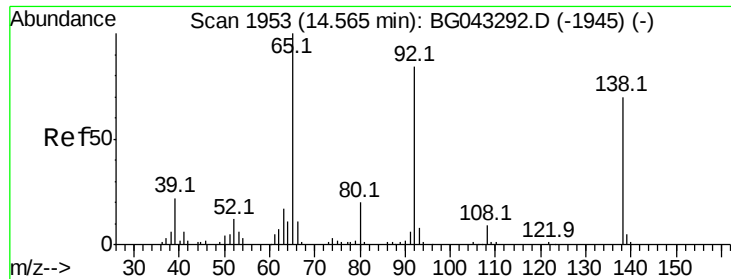
#52
Acenaphthene
Concen: 41.328 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.9	136.3
152	52.3	43.9	65.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.999 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

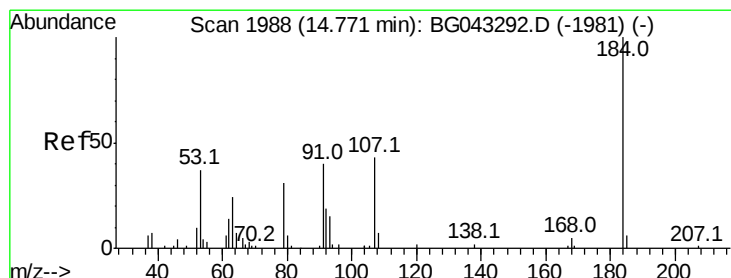
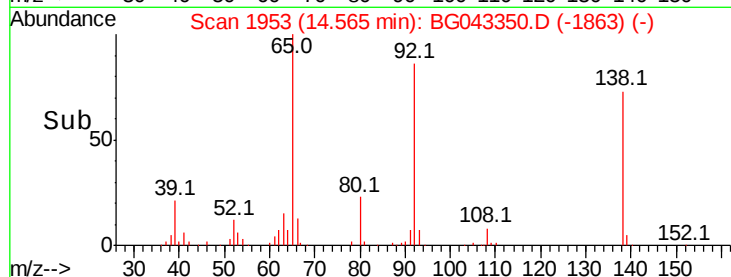
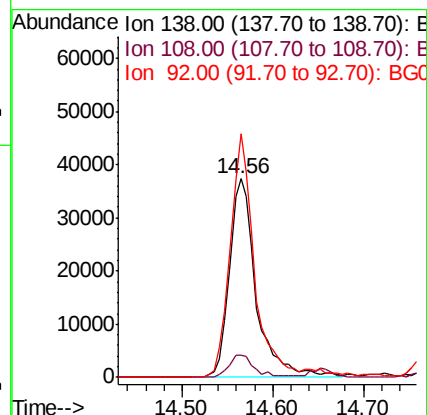
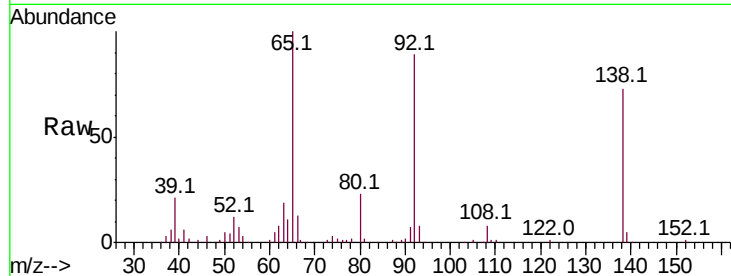
Tot Ion:138 Resp: 76195

Ion Ratio Lower Upper

138 100

108 11.2 9.8 14.6

92 122.5 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 36.422 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

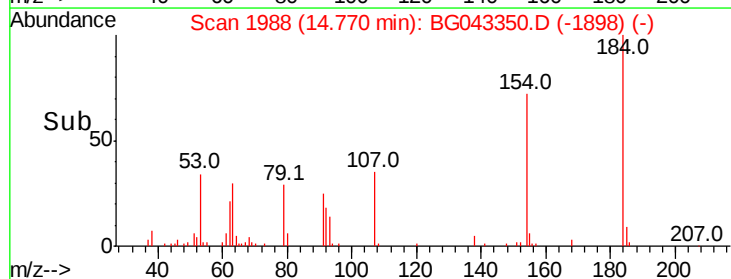
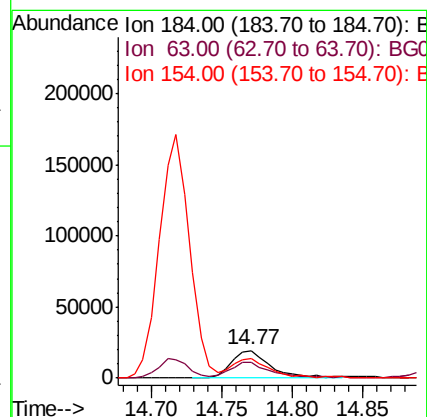
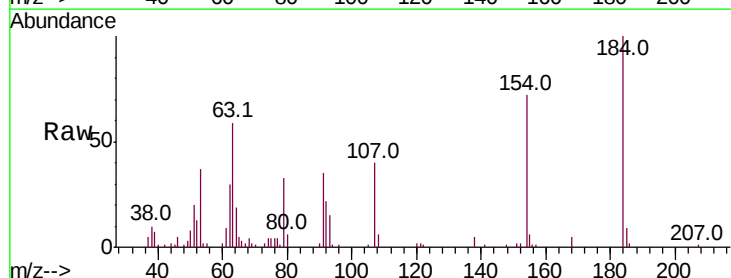
Tgt Ion:184 Resp: 37617

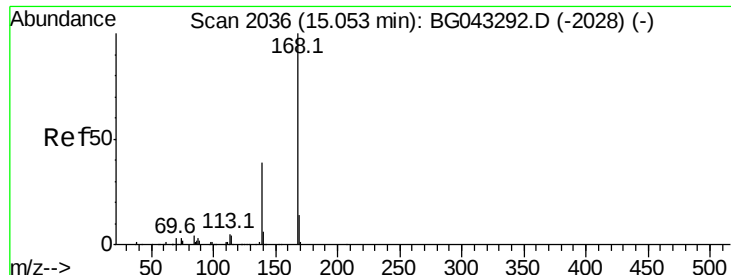
Ion Ratio Lower Upper

184 100

63 59.5 48.8 73.2

154 71.5 49.4 74.0

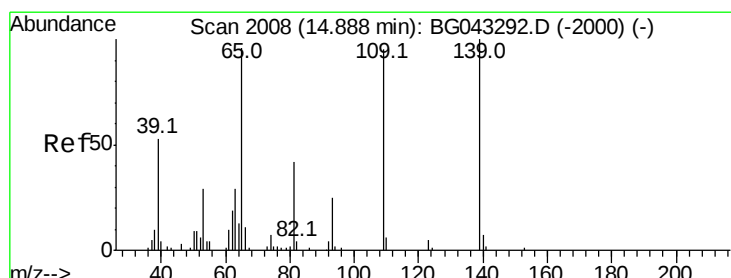
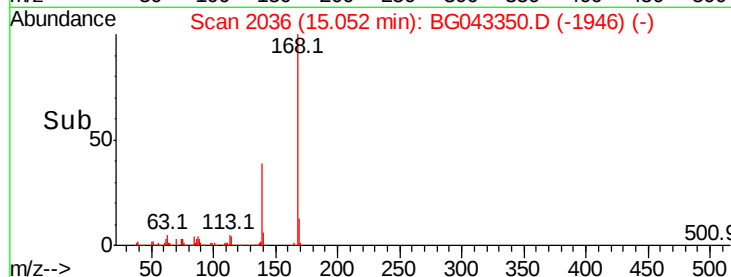
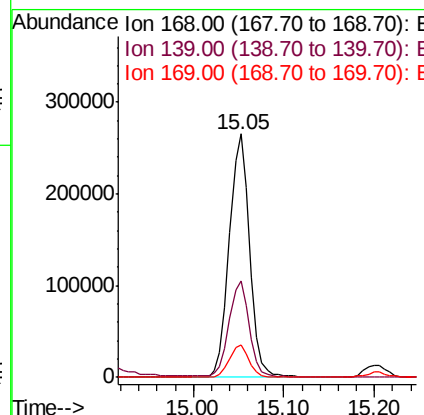
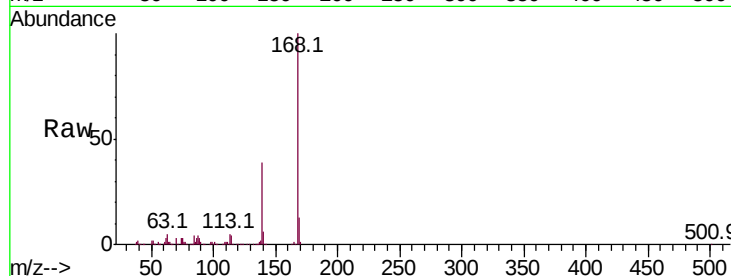




#55
Dibenzenofuran
Concen: 41.604 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

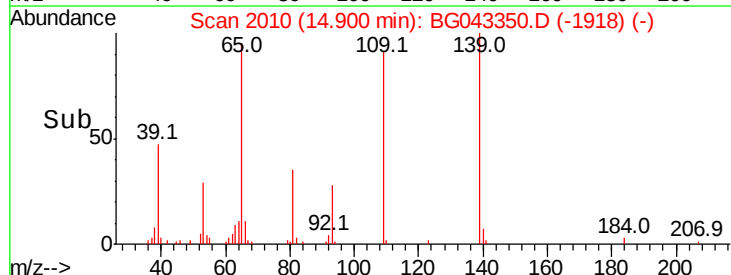
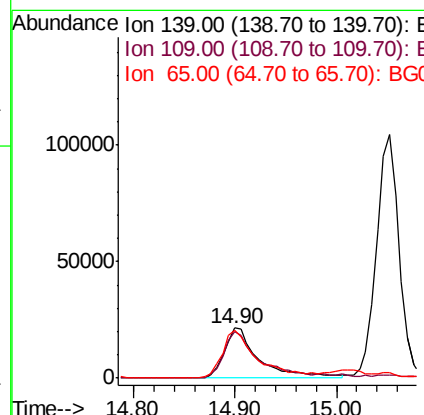
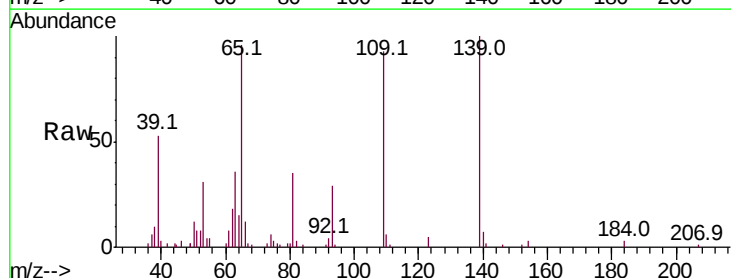
Instrument :
BNA_G
ClientSampleId :

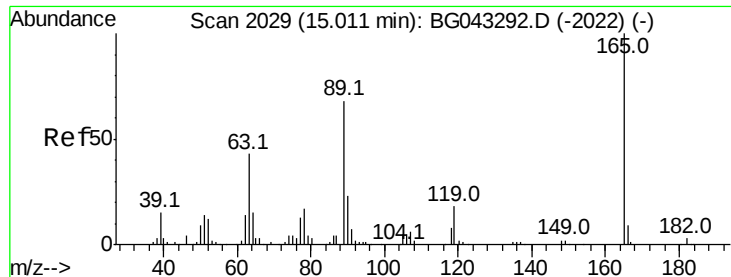
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.7	47.5
169	13.5	11.0	16.4



#56
4-Nitrophenol
Concen: 41.993 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.9	75.4	115.4
65	96.3	76.6	116.6

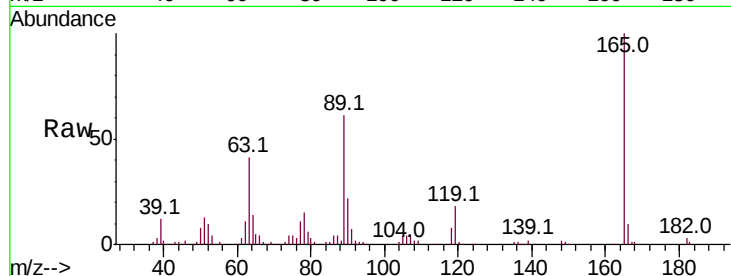




#57
2,4-Dinitrotoluene
Concen: 41.187 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	35.0	52.6
89	60.9	54.1	81.1
182	3.1	2.2	3.2



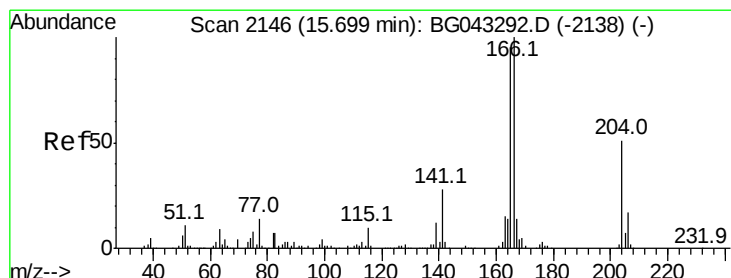
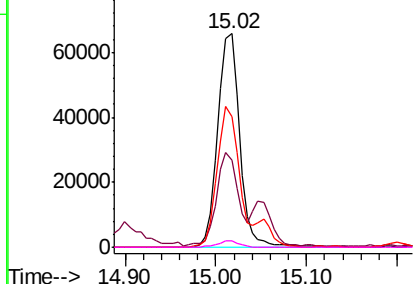
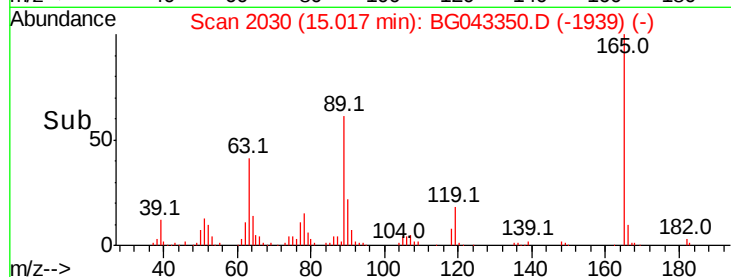
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

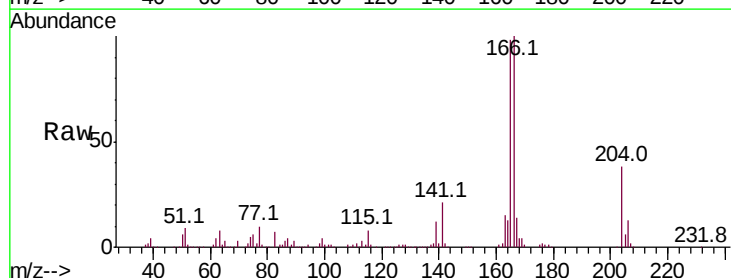
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.767 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.4	114.6
167	14.4	11.1	16.7

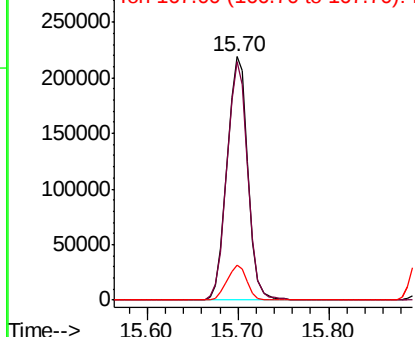
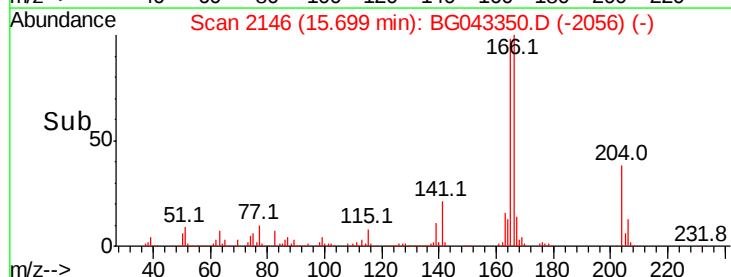


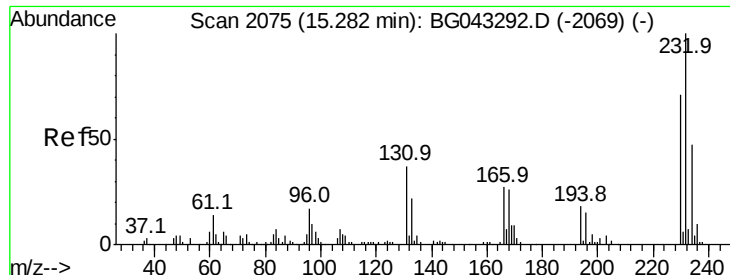
Abundance

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

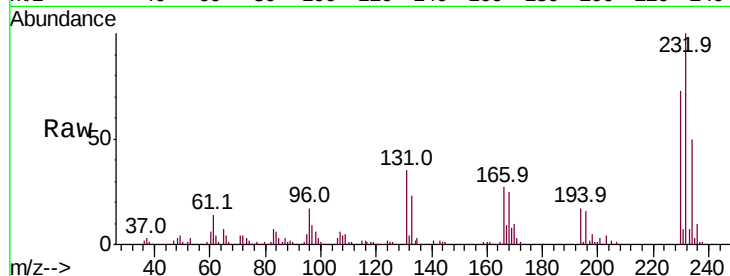




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.565 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.7	28.7	43.1
130	1.3	0.6	0.8
166	27.7	21.1	31.7



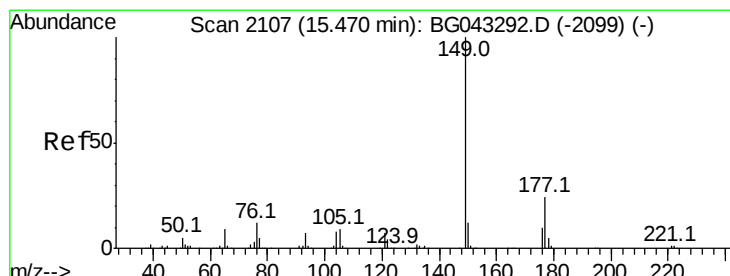
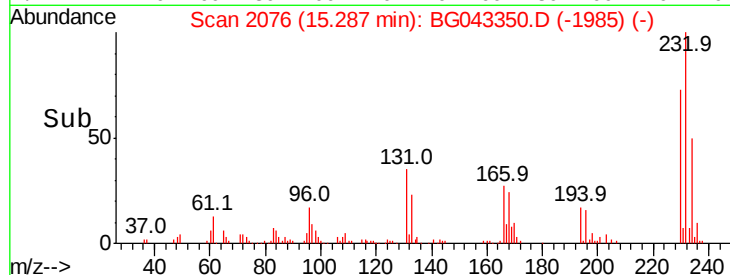
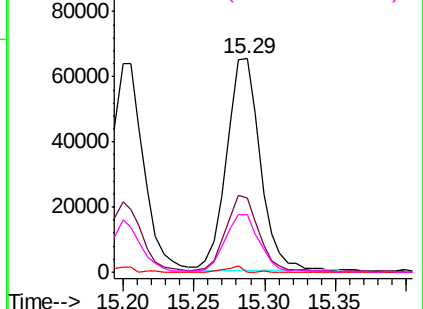
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

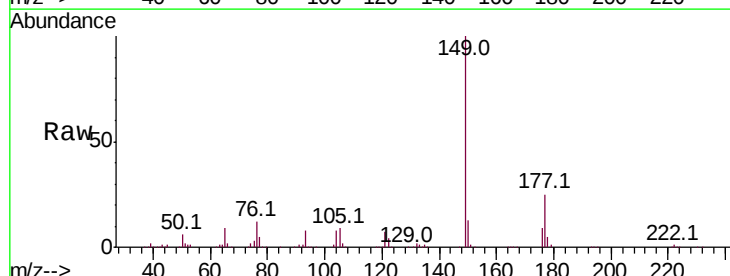
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.968 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	13.1	9.4	14.0

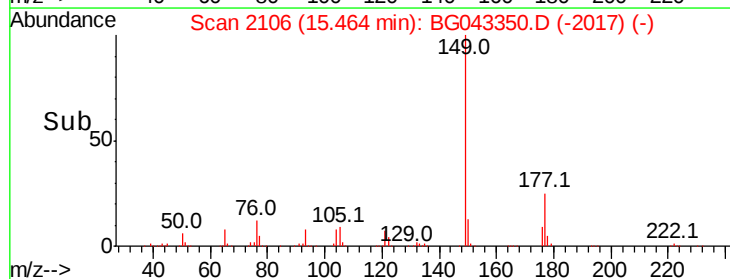
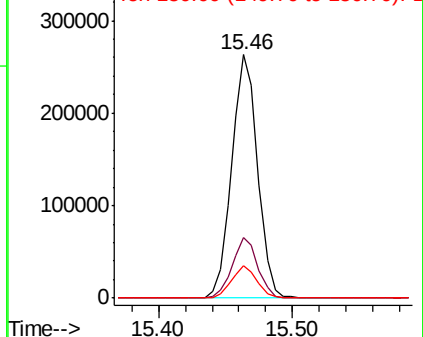


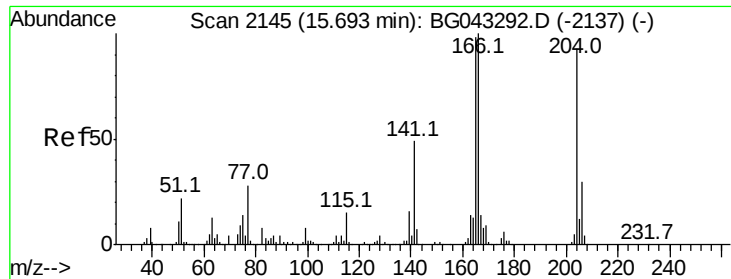
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

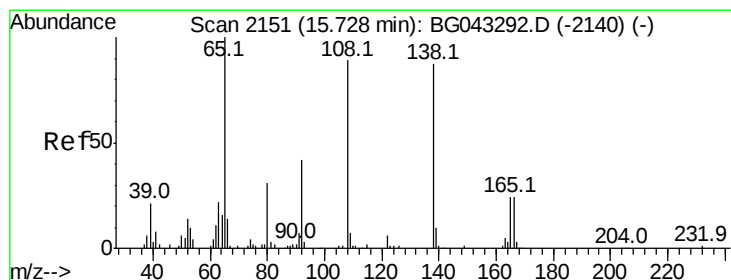
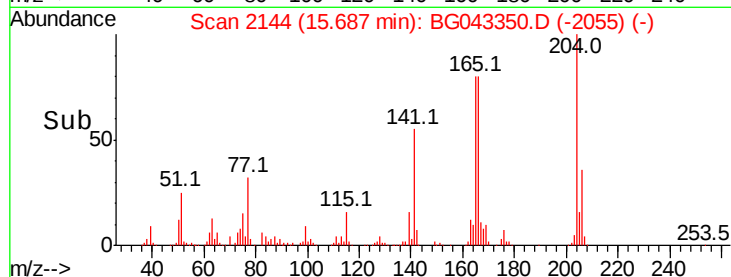
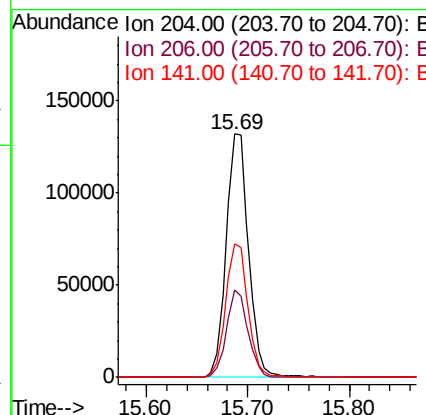
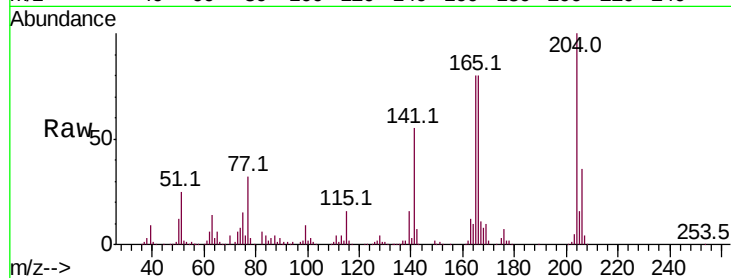




#61
4-Chlorophenyl-phenylether
Concen: 41.536 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

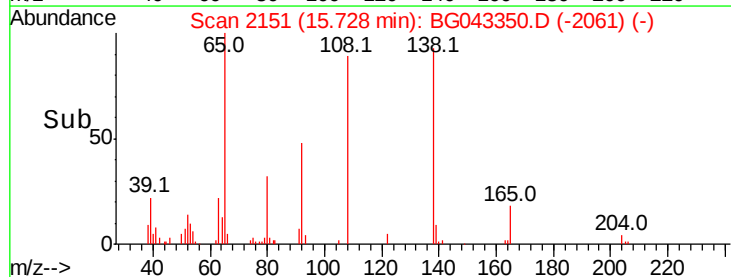
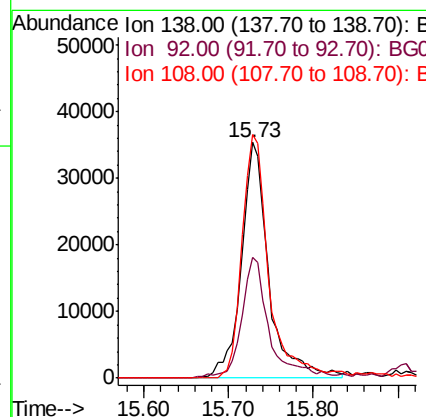
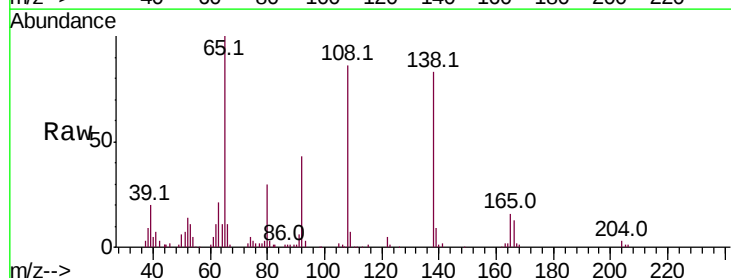
Instrument :
BNA_G
ClientSampleId :

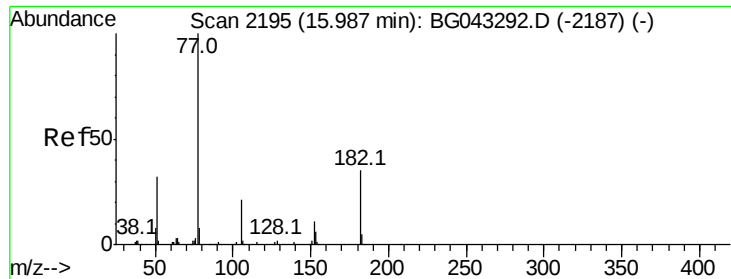
Tot Ion:204 Resp: 202185
Ion Ratio Lower Upper
204 100
206 35.7 25.7 38.5
141 54.6 42.3 63.5



#62
4-Nitroaniline
Concen: 42.353 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion:138 Resp: 79355
Ion Ratio Lower Upper
138 100
92 51.1 28.8 68.8
108 103.4 82.7 122.7

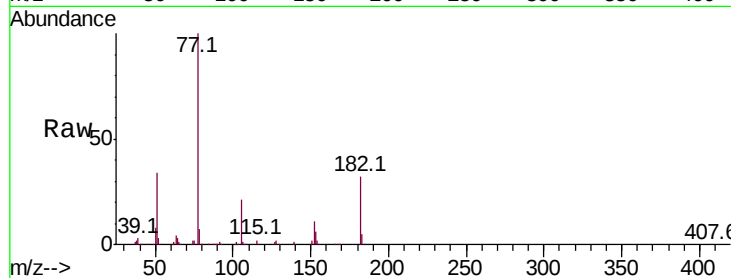




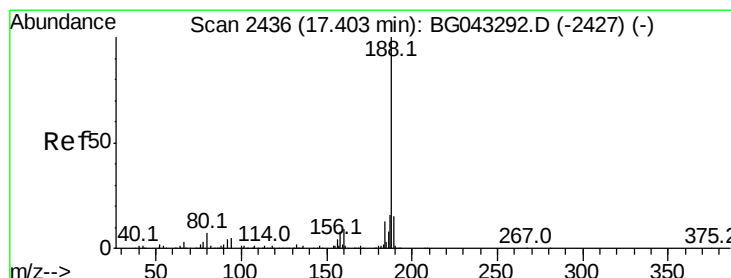
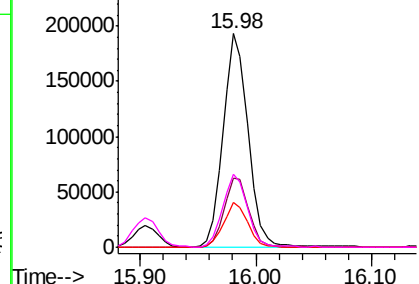
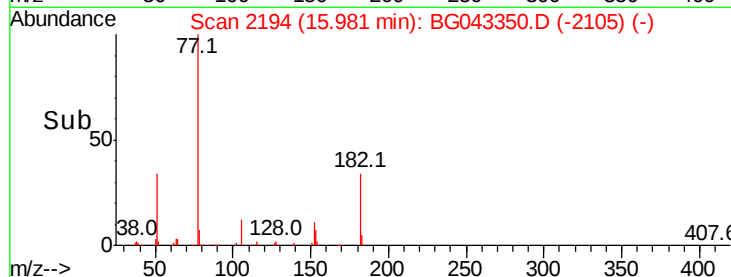
#63
Azobenzene
Concen: 40.586 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	285469
Ion	Ratio	Lower	Upper
77	100		
182	32.2	14.9	54.9
105	20.9	0.6	40.6
51	34.2	12.5	52.5

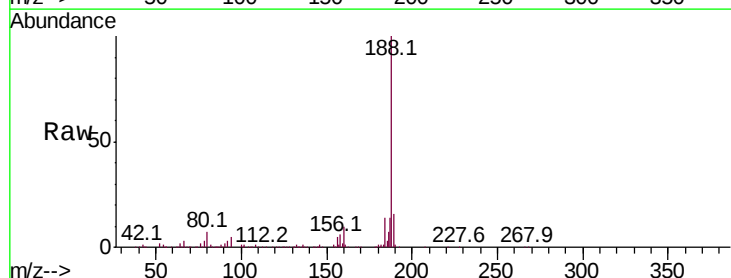


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

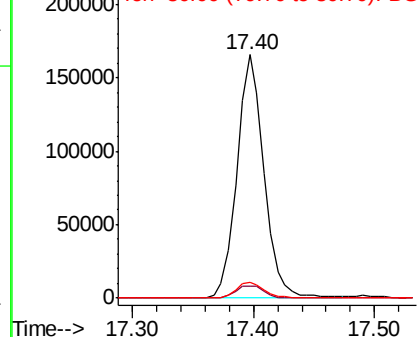
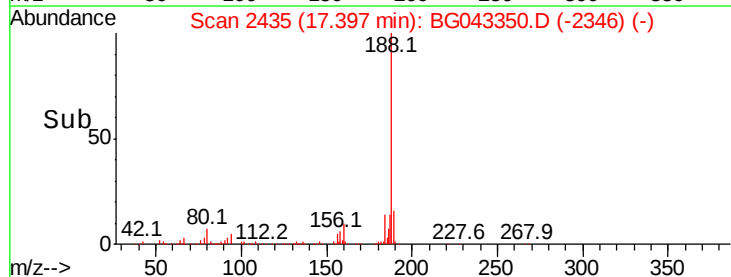


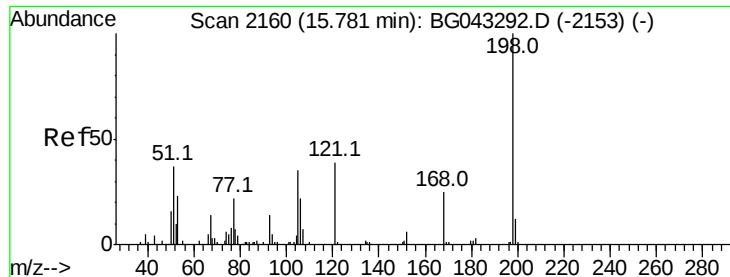
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion:	188	Resp:	258329
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.2
80	6.6	5.2	7.8



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: 42.596 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampled :

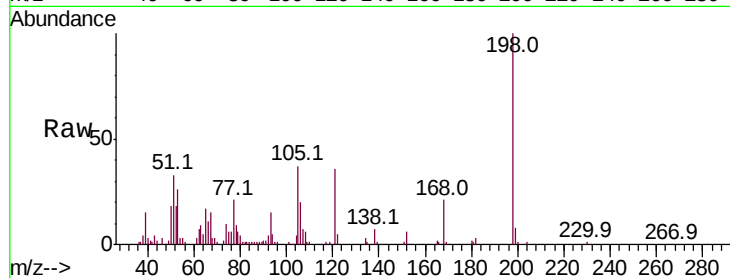
Tot Ion:198 Resp: 64757

Ion Ratio Lower Upper

198 100

51 33.2 21.4 61.4

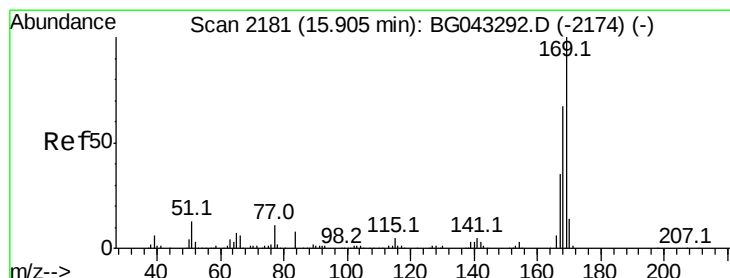
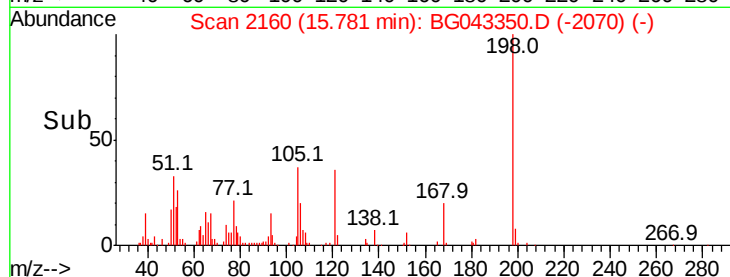
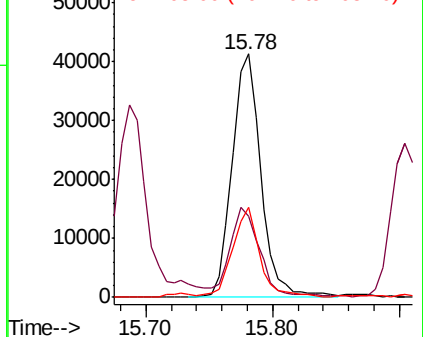
105 37.2 16.5 56.5



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: 41.466 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

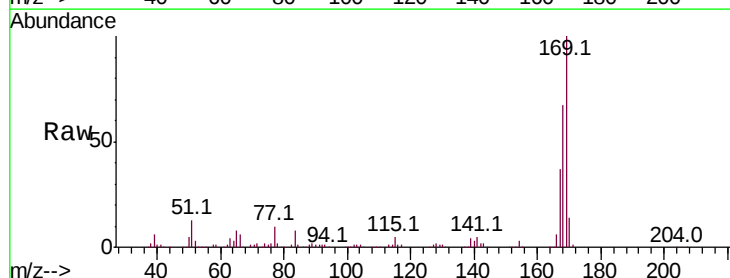
Tgt Ion:169 Resp: 302421

Ion Ratio Lower Upper

169 100

168 67.2 53.9 80.9

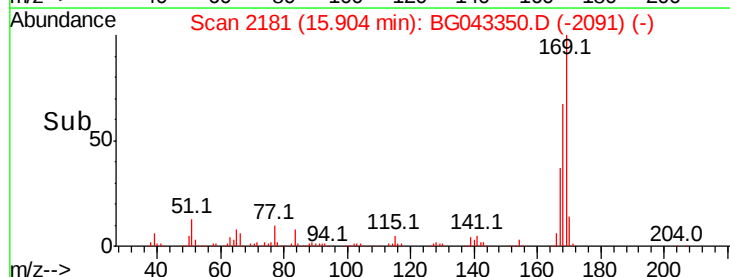
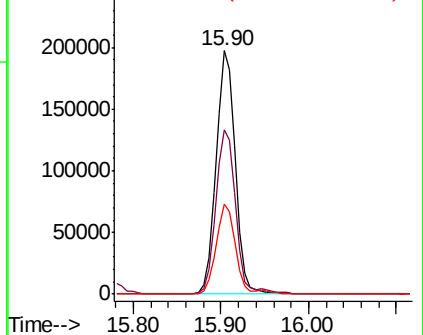
167 36.8 28.3 42.5

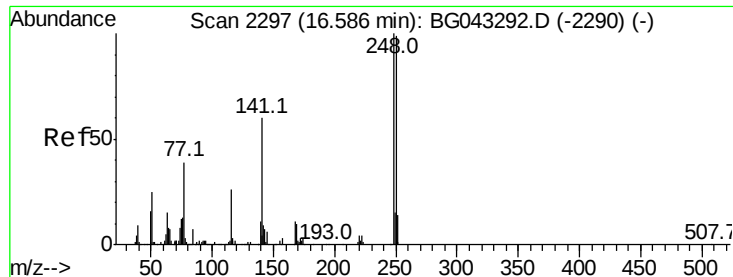


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

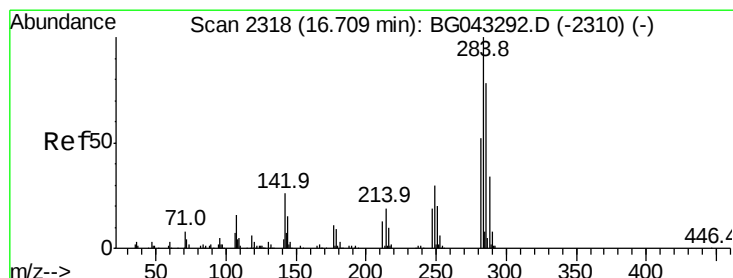
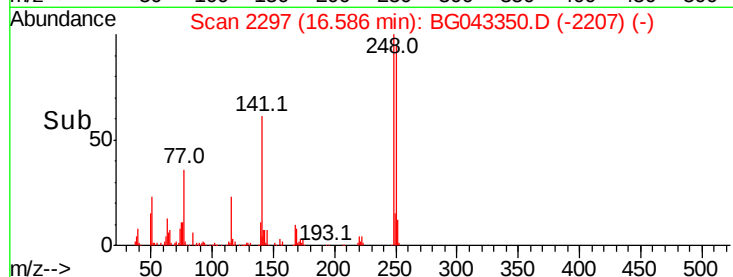
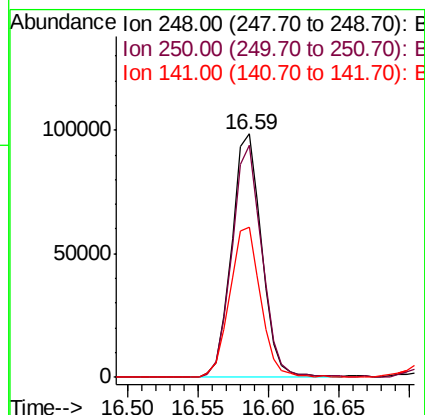
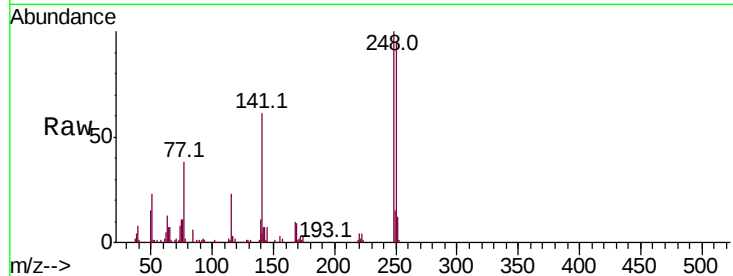




#67
4-Bromophenyl-phenylether
Concen: 41.939 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

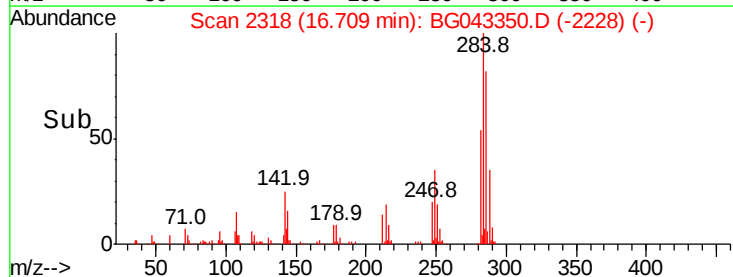
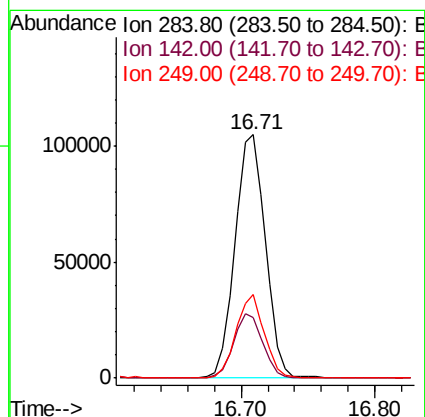
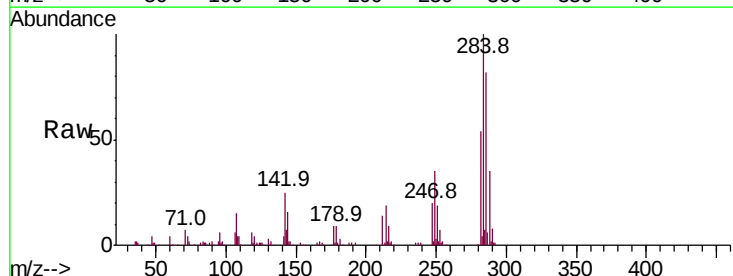
Instrument :
BNA_G
ClientSampleId :

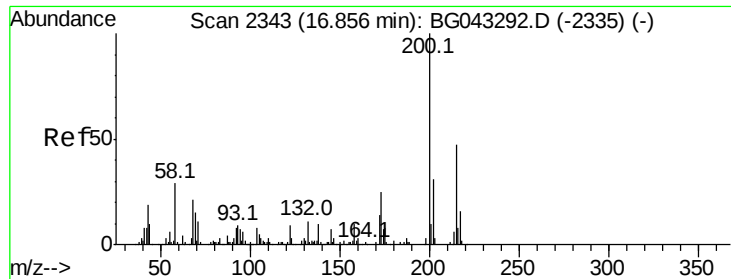
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.3	118.9
141	61.4	47.9	71.9



#68
Hexachlorobenzene
Concen: 41.604 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	21.1	31.7
249	34.5	24.4	36.6

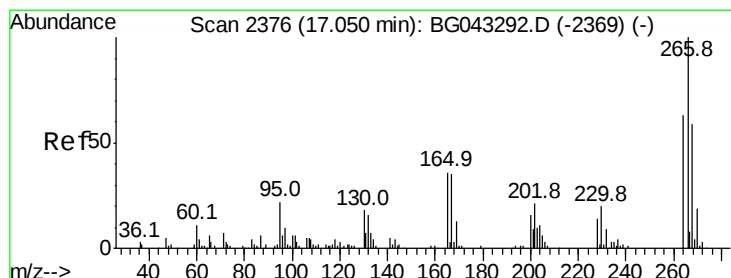
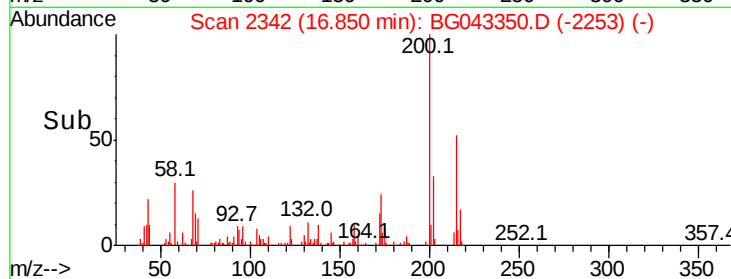
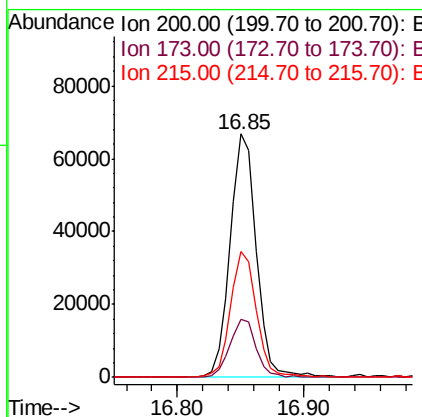
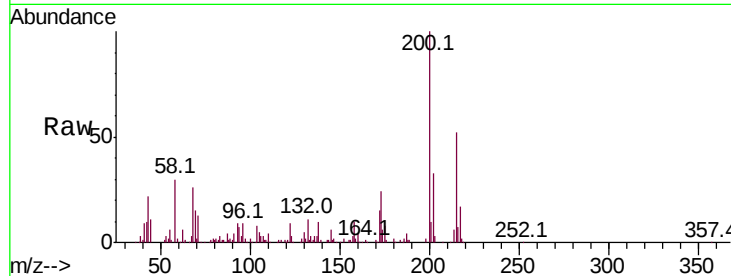




#69
 Atrazine
 Concen: 37.575 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

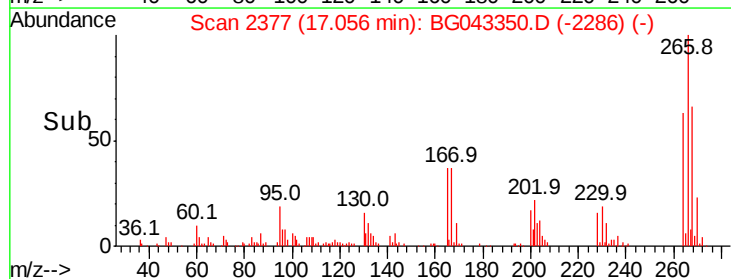
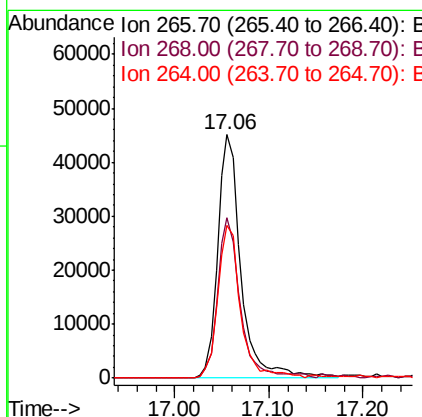
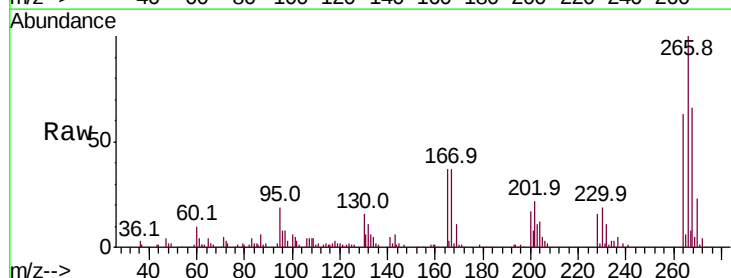
Instrument :
 BNA_G
 ClientSampled :

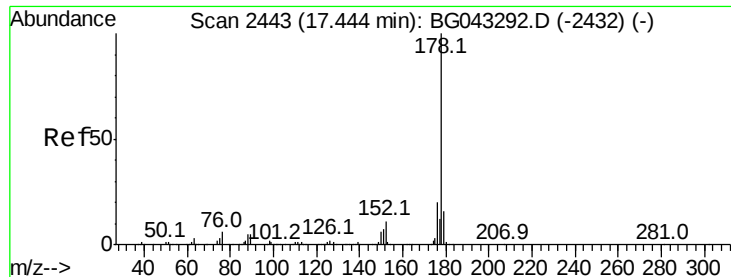
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.1	45.1
215	51.6	26.6	66.6



#70
 Pentachlorophenol
 Concen: 42.912 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	47.1	70.7
264	62.6	50.4	75.6

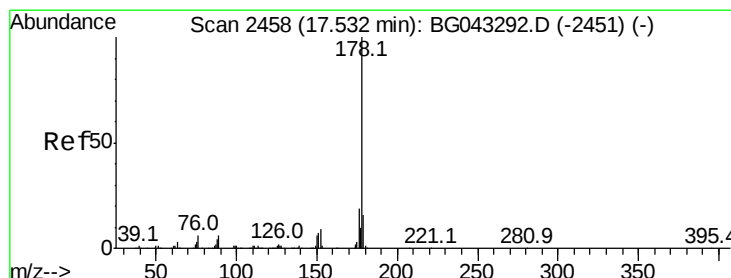
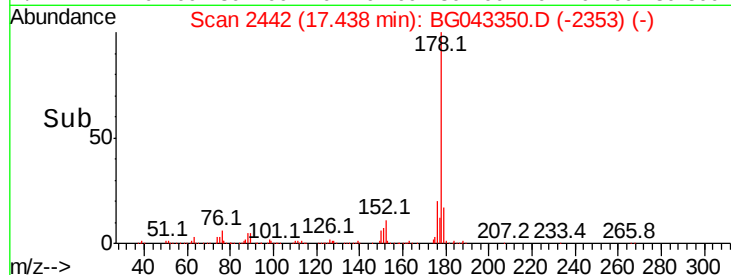
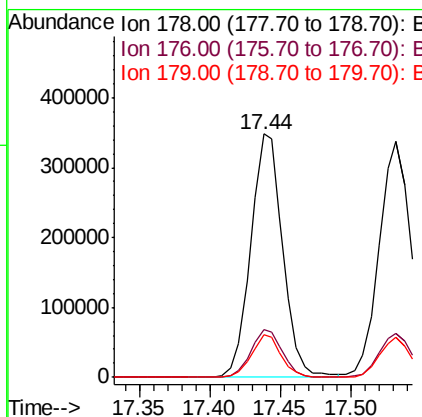
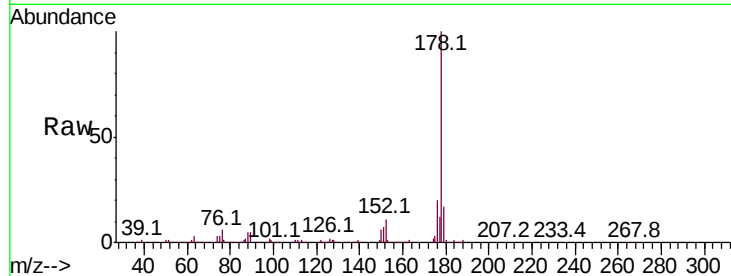




#71
Phenanthrene
Concen: 41.838 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

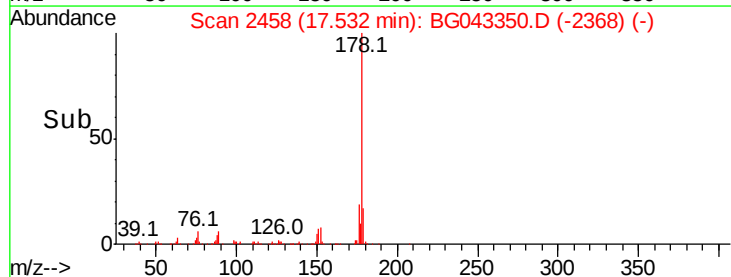
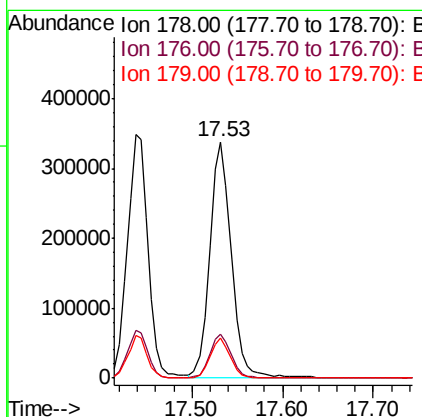
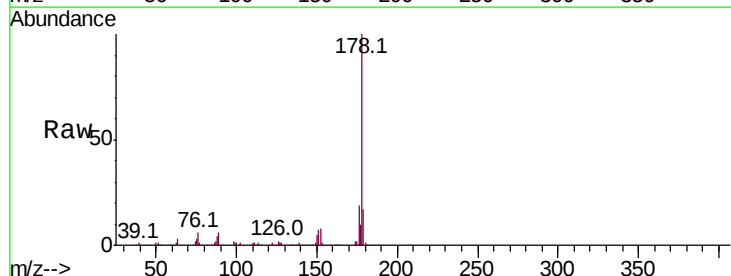
Instrument :
BNA_G
ClientSampled :

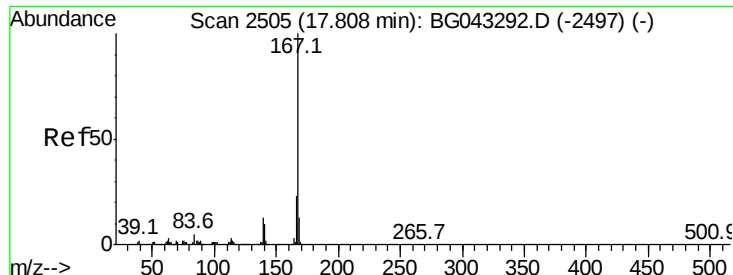
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.4	13.1	19.7



#72
Anthracene
Concen: 41.836 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043350.D
Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.8	13.0	19.6

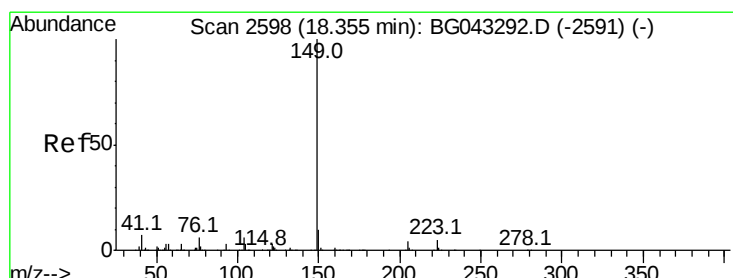
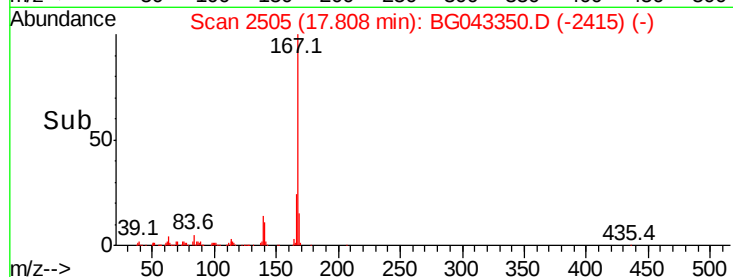
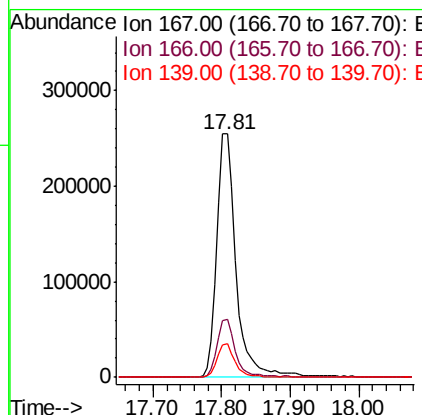
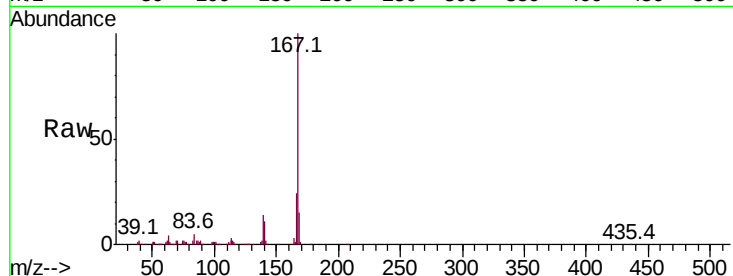




#73
 Carbazole
 Concen: 41.317 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

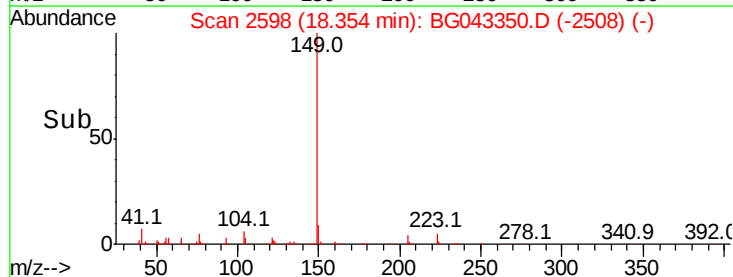
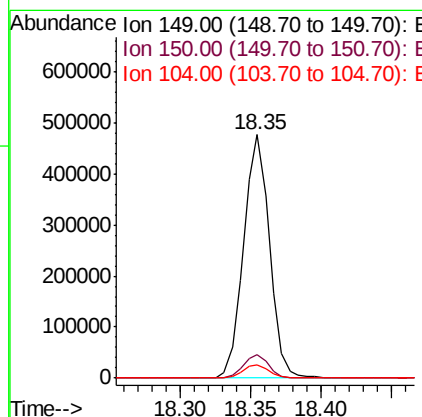
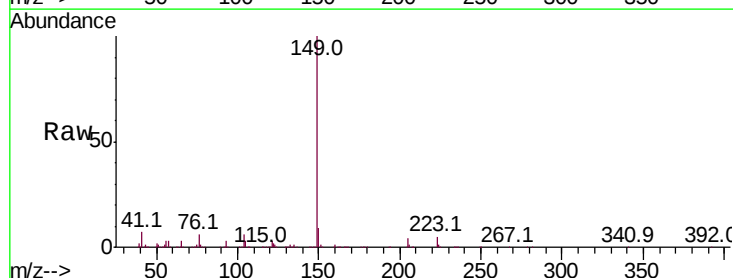
Instrument :
 BNA_G
 ClientSampleId :

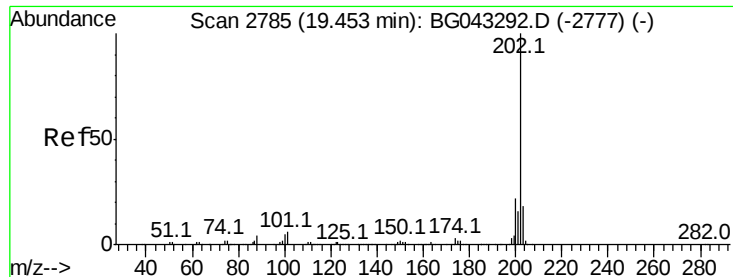
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.4	27.6
139	13.7	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 41.962 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043350.D
 Acq: 28 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 41.367 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043350.D

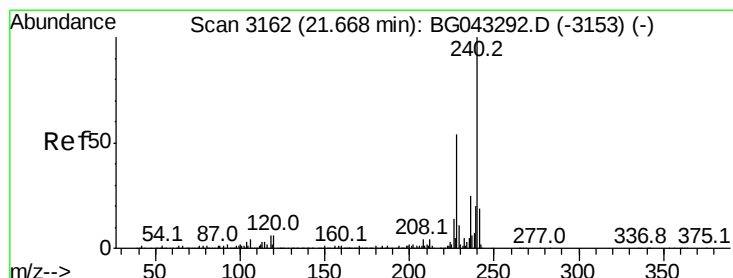
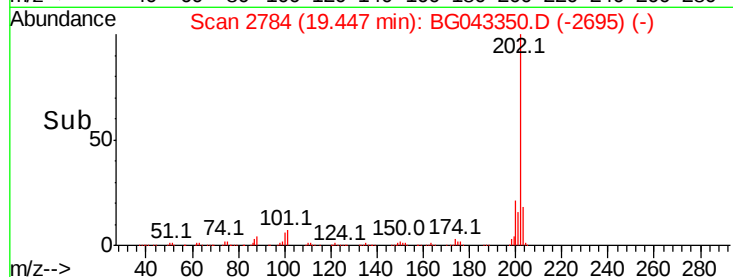
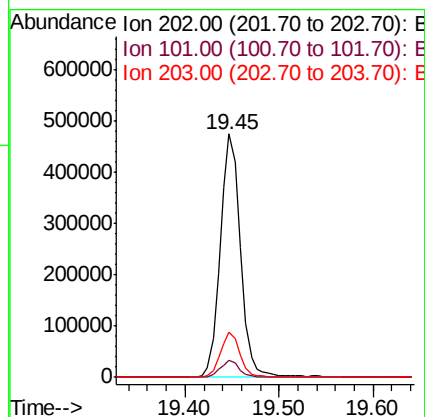
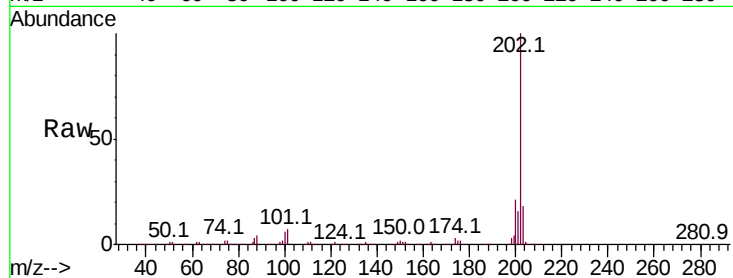
Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	713405
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.0
203	18.4	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

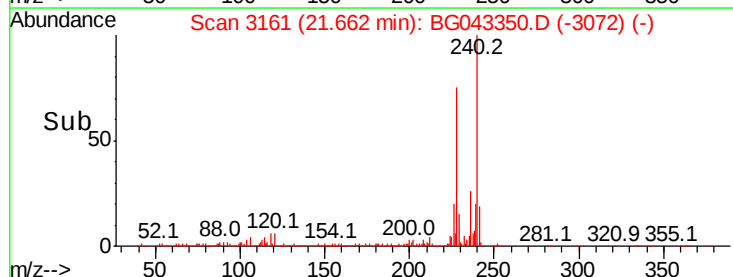
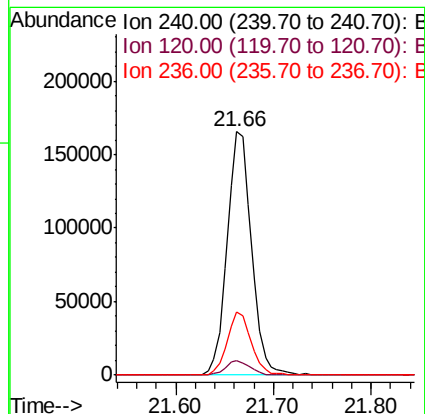
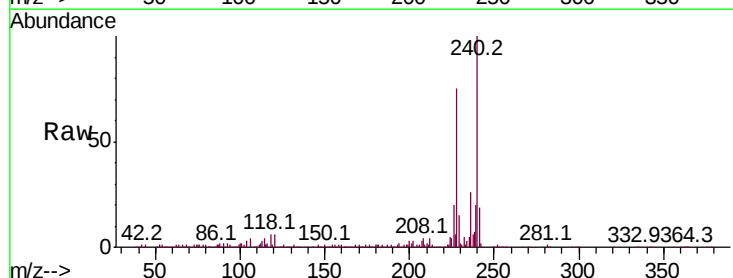
RT: 21.66 min Scan# 3161

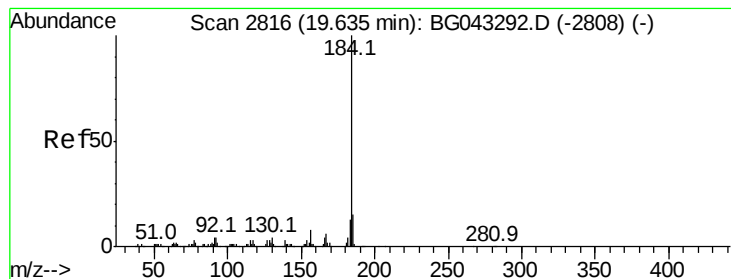
Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:	240	Resp:	287179
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	25.9	20.2	30.4





#77

Benzidine

Concen: 40.976 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

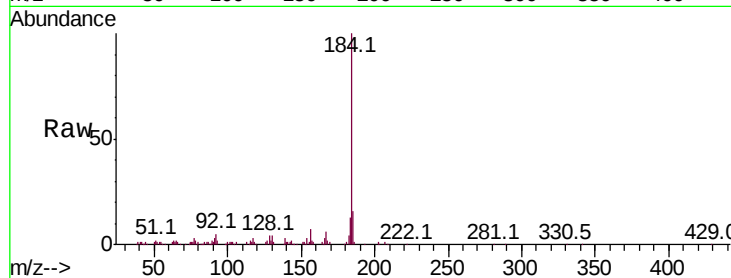
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 236824

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.6
183	13.3	10.6	16.0

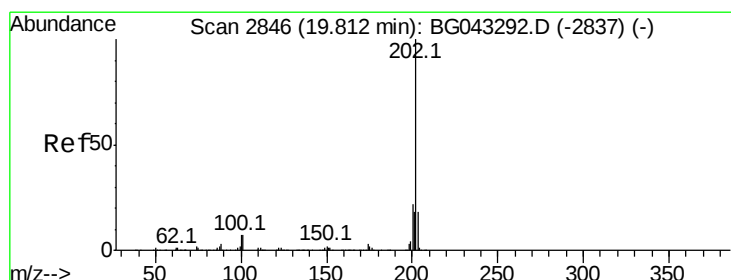
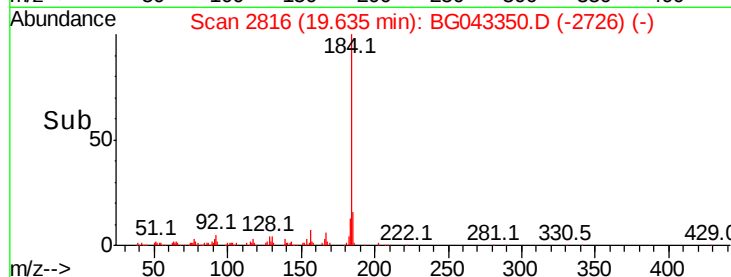
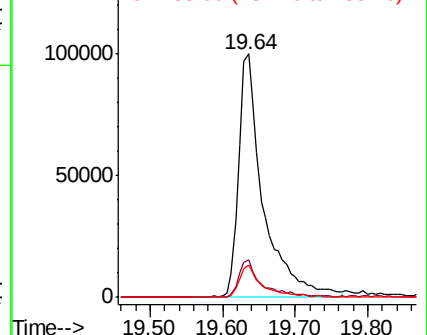


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.527 ng

RT: 19.81 min Scan# 2846

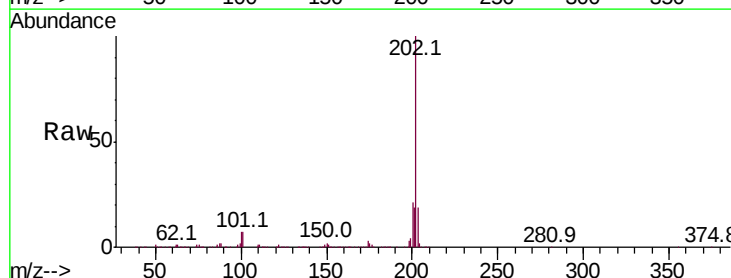
Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:202 Resp: 738187

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	18.6	14.5	21.7

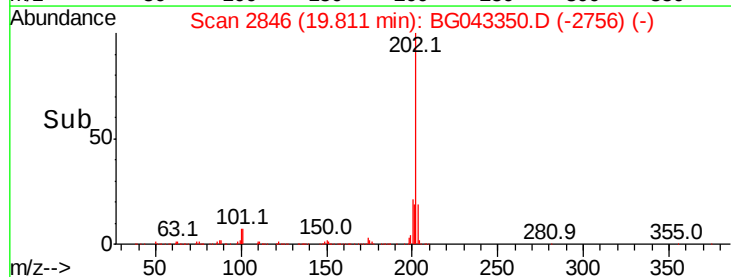
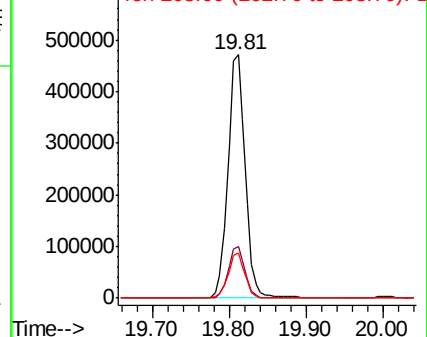


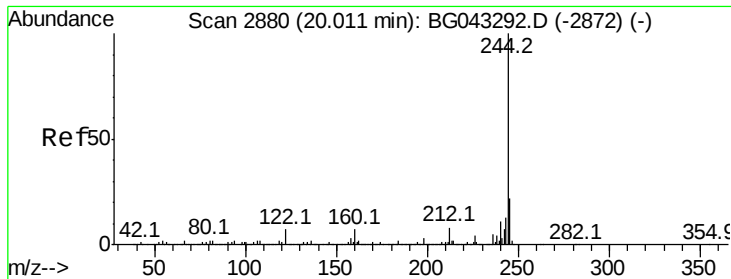
Abundance

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: 82.743 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

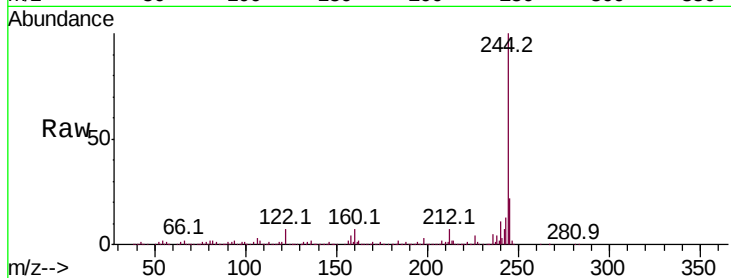
Tot Ion:244 Resp: 1266602

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

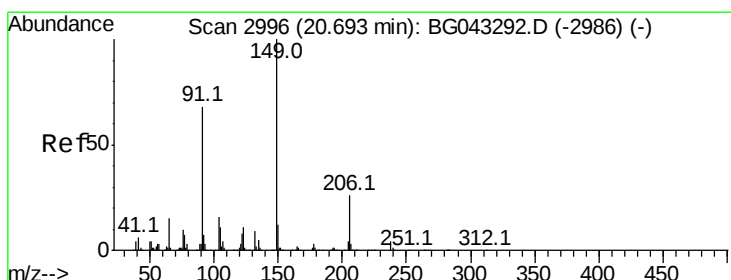
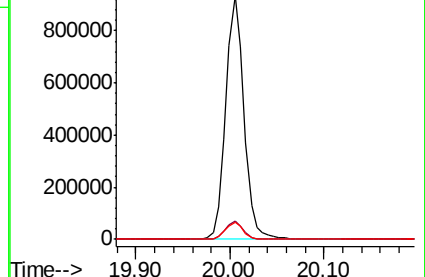
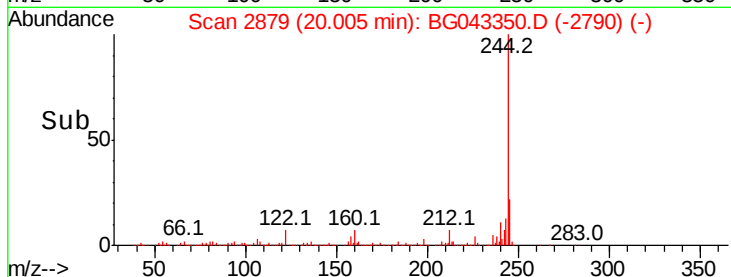
122 6.9 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.491 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

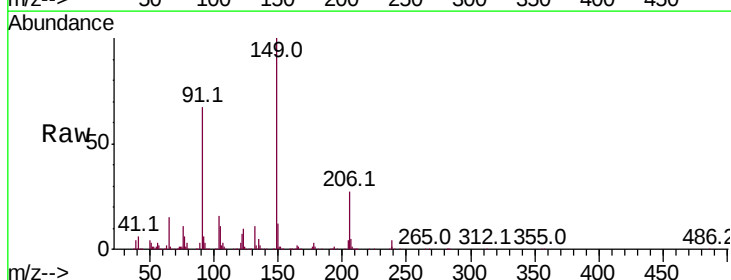
Tgt Ion:149 Resp: 279425

Ion Ratio Lower Upper

149 100

91 67.3 54.6 82.0

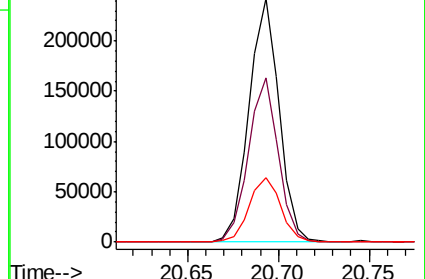
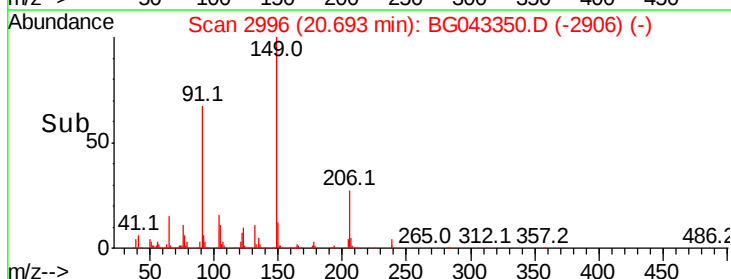
206 26.7 20.5 30.7

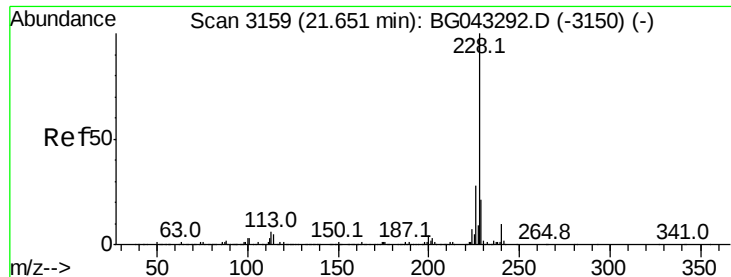


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.248 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

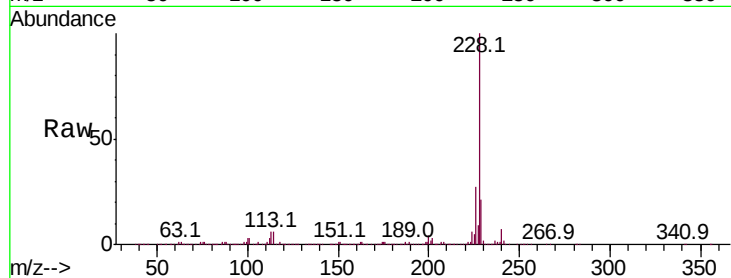
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 759992

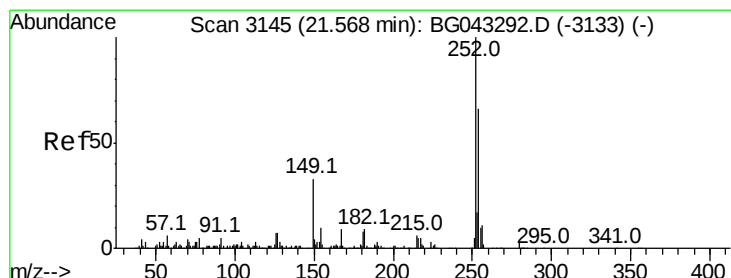
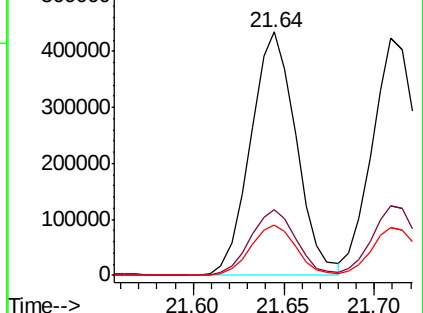
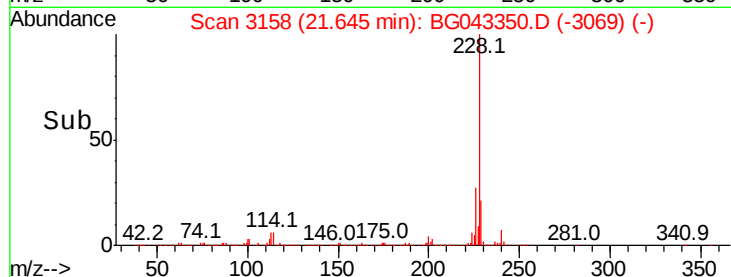
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.9	16.9	25.3



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: 42.640 ng

RT: 21.56 min Scan# 3144

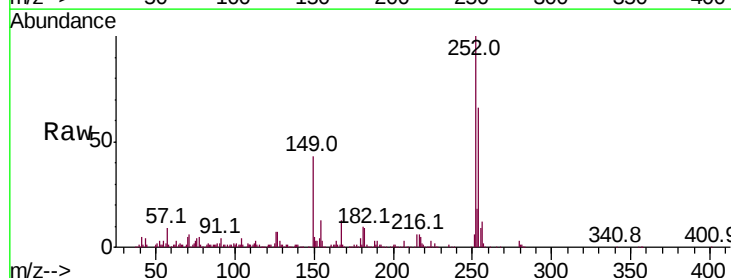
Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:252 Resp: 296677

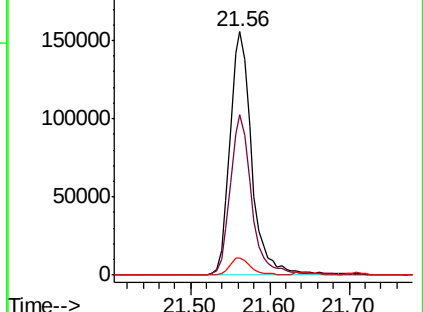
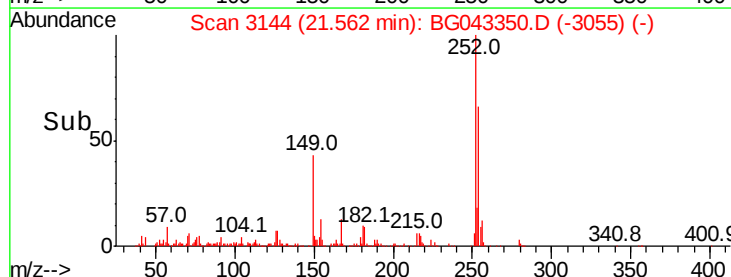
Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.7	79.1
126	6.9	5.6	8.4

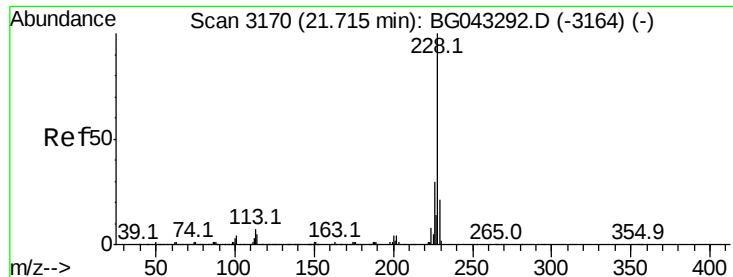


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.147 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

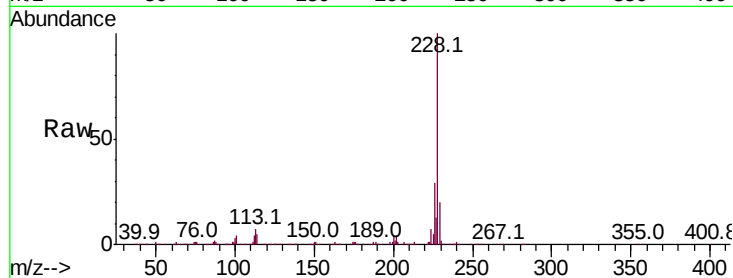
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 753305

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	20.5	16.3	24.5

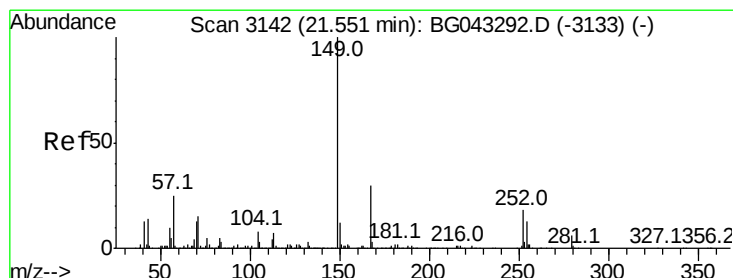
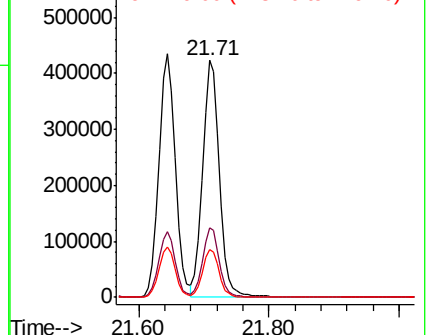
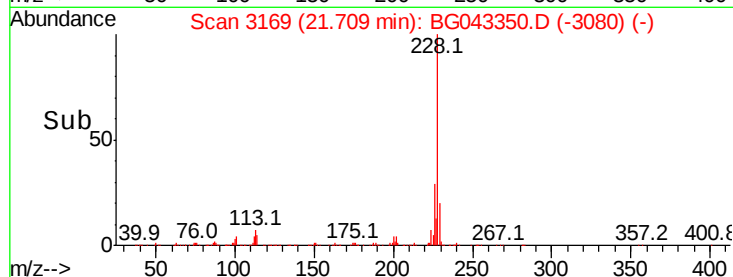


Abundance

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: 42.429 ng

RT: 21.54 min Scan# 3141

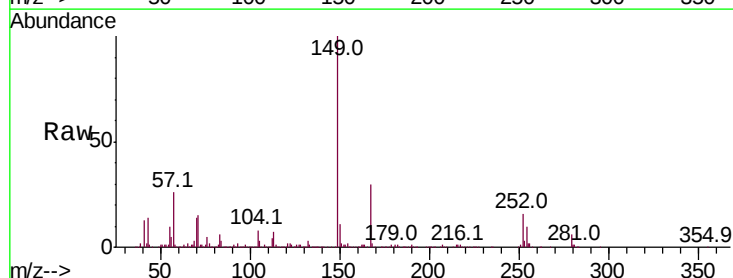
Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Tgt Ion:149 Resp: 405907

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.9	35.9
279	6.4	4.8	7.2

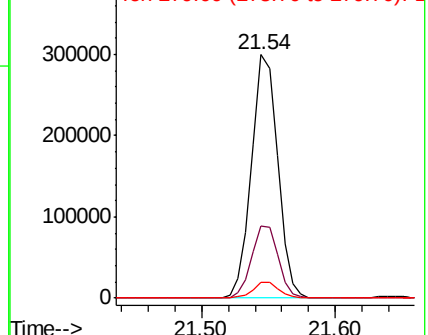
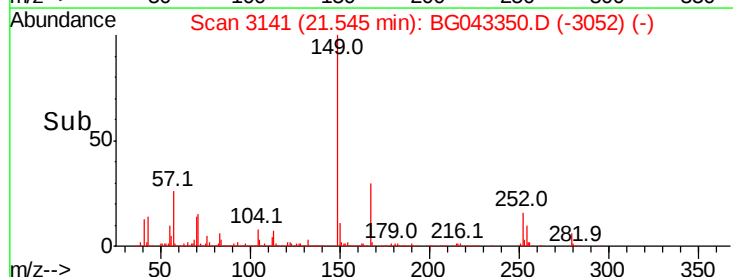


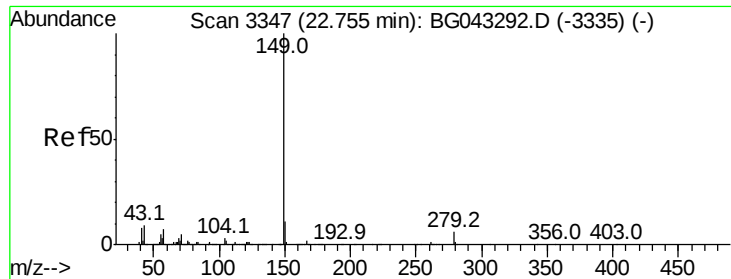
Abundance

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: 42.474 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

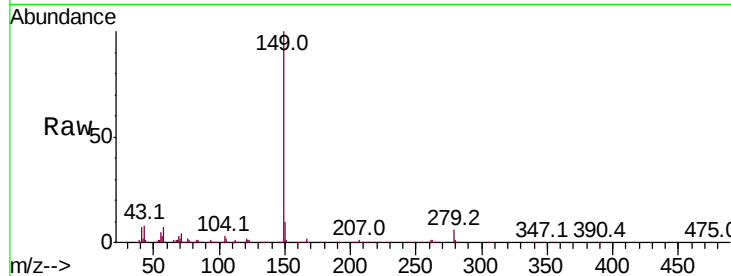
Tot Ion:149 Resp: 689381

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

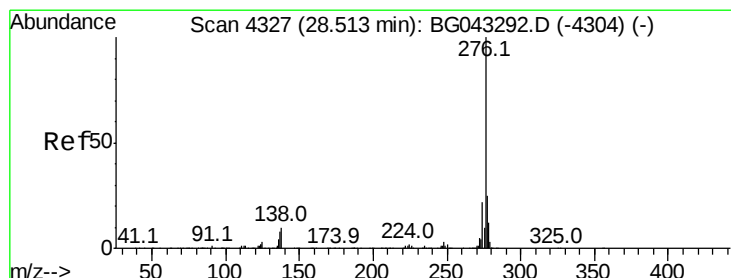
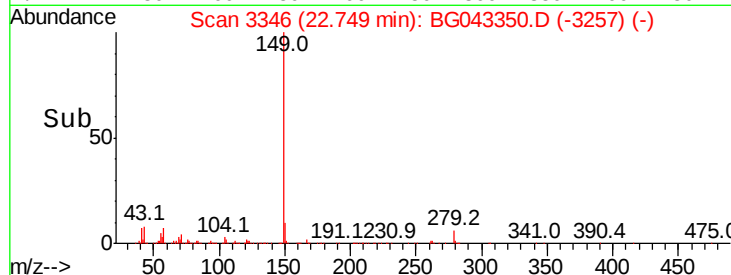
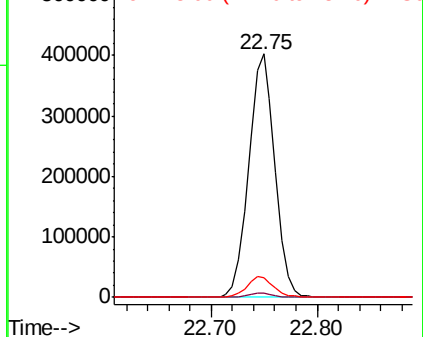
43 8.7 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.340 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

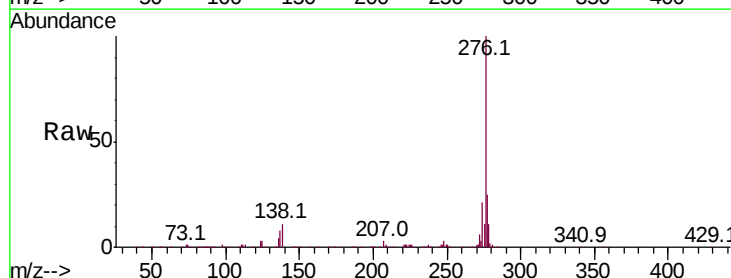
Tgt Ion:276 Resp: 972352

Ion Ratio Lower Upper

276 100

138 14.0 7.2 10.8#

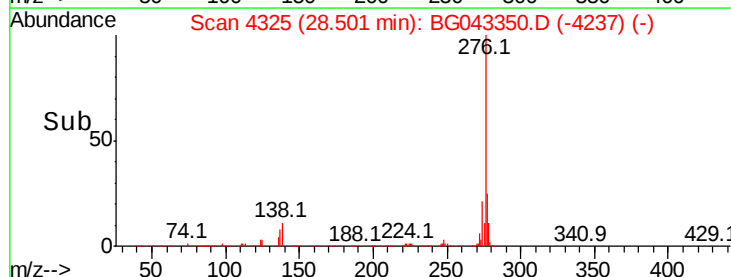
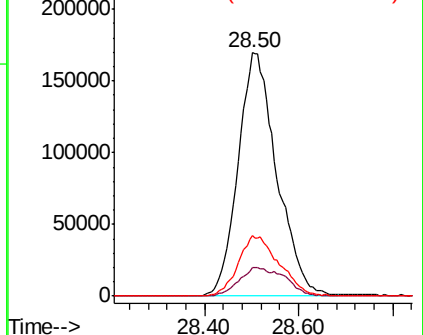
277 26.0 20.9 31.3

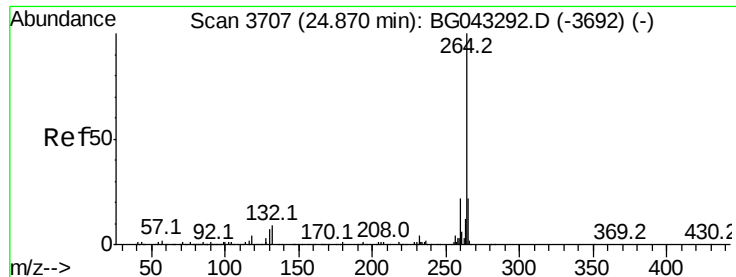


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

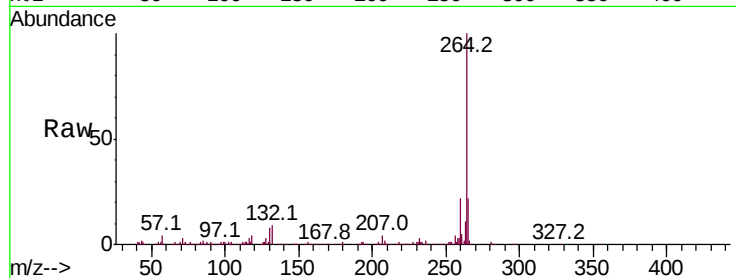
Tot Ion:264 Resp: 346124

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.9	26.9
265	21.5	17.4	26.2

264 100

260 22.1 17.9 26.9

265 21.5 17.4 26.2

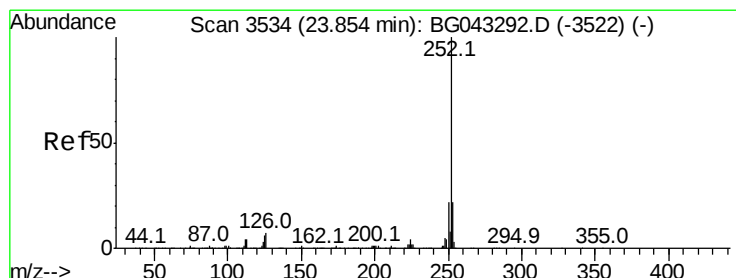
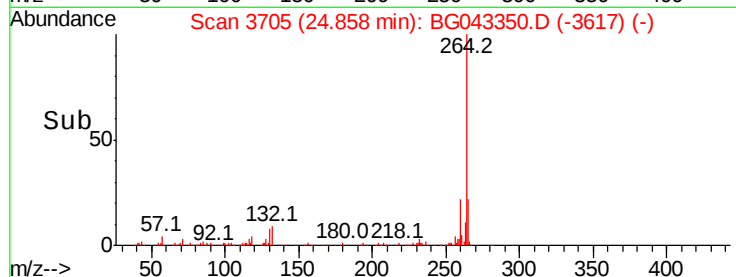
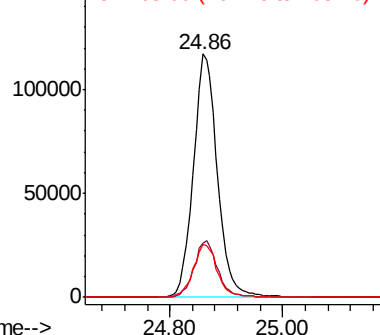


Abundance

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: 41.598 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

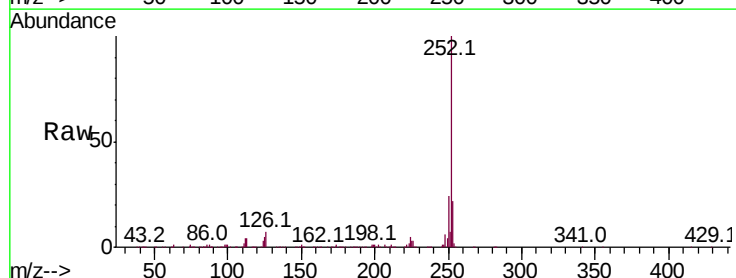
Tgt Ion:252 Resp: 815462

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	5.4	5.0	7.6

252 100

253 21.7 17.4 26.2

125 5.4 5.0 7.6

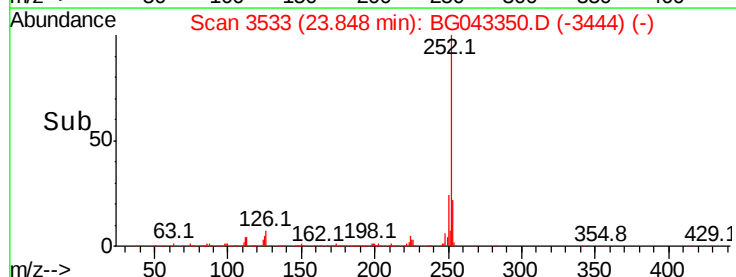
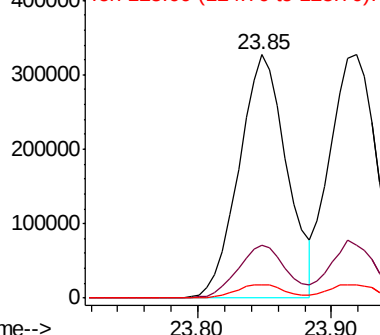


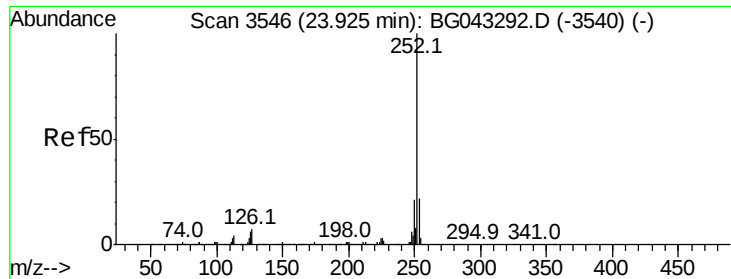
Abundance

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: 41.240 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

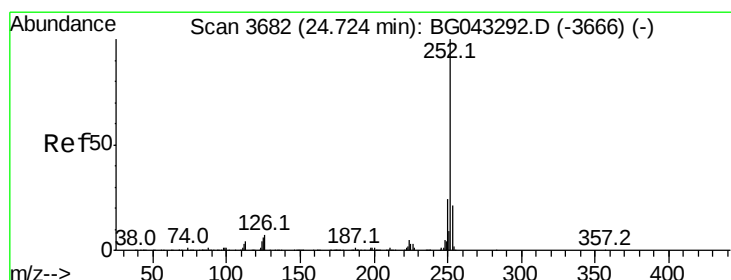
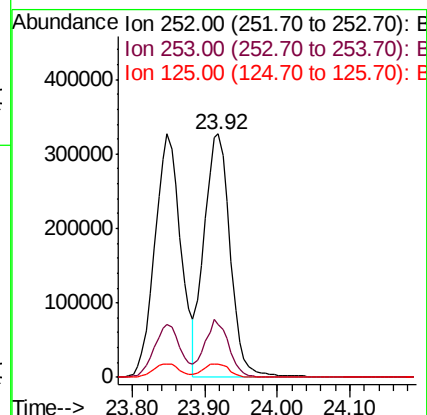
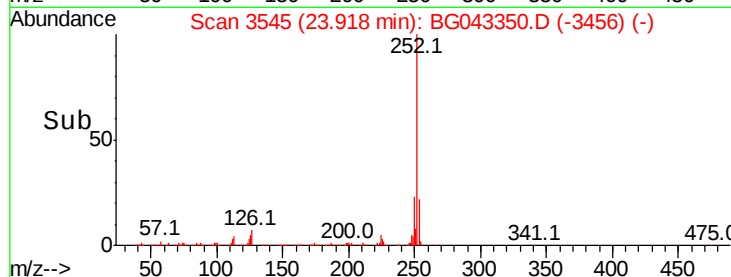
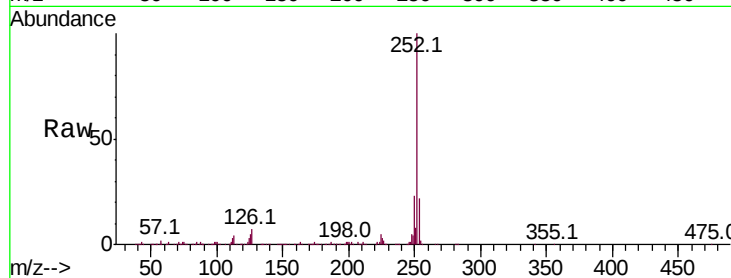
Tot Ion:252 Resp: 813873

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 5.4 4.5 6.7



#90

Benzo(a)pyrene

Concen: 41.582 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

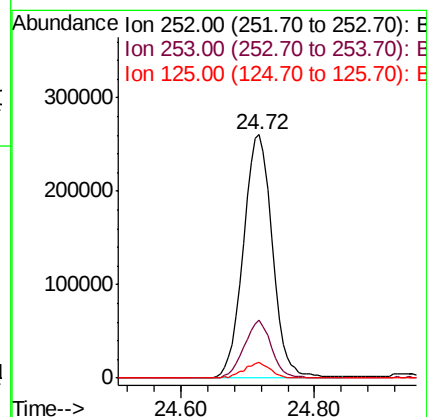
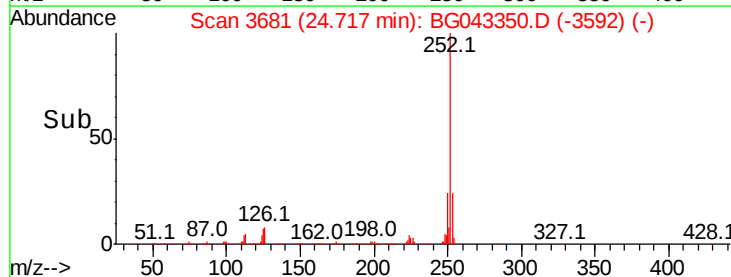
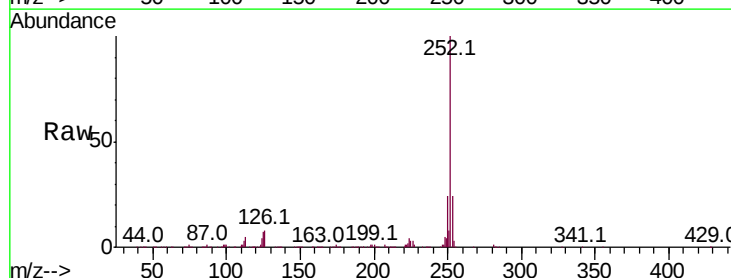
Tgt Ion:252 Resp: 778416

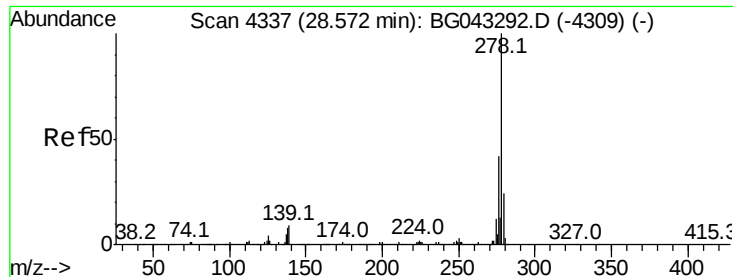
Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.824 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

Instrument :

BNA_G

ClientSampleId :

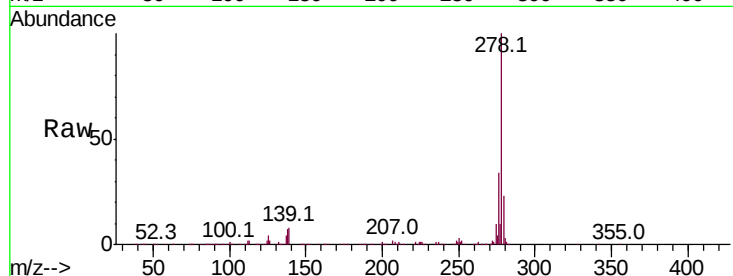
Tot Ion:278 Resp: 800820

Ion Ratio Lower Upper

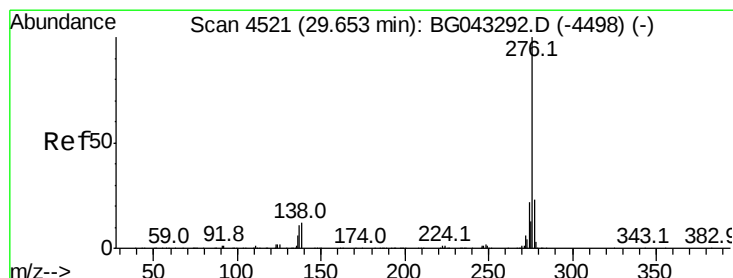
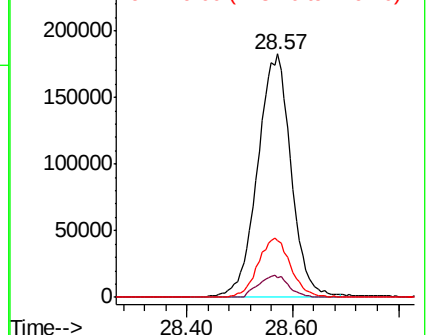
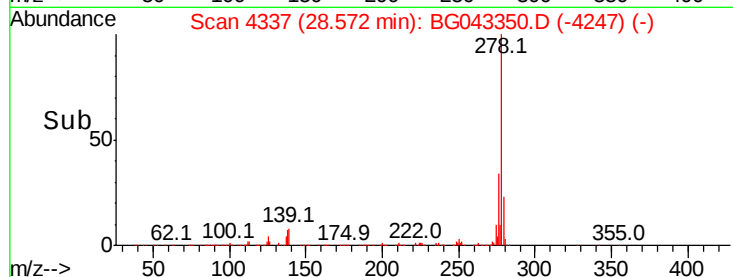
278 100

139 8.0 6.8 10.2

279 23.2 19.0 28.6



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: 41.782 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043350.D

Acq: 28 Oct 2019 15:05

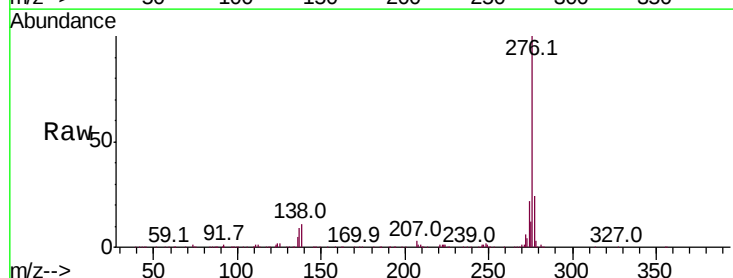
Tgt Ion:276 Resp: 789137

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.1 9.3 13.9



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

