

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043639.D
 Acq On : 14 Nov 2019 18:30
 Operator : JU
 Sample : K5832-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Quant Time: Nov 15 00:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29660	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	111247	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	80255	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	190270	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	205682	20.00	ng	-0.01
87) Perylene-d12	24.82	264	248296	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	264506	163.42	ng	0.00
7) Phenol-d6	7.21	99	381831	163.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	234594	108.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	225947	147.94	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	603867	103.97	ng	-0.01
79) Terphenyl-d14	19.99	244	1133252	103.37	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	22493	35.660	ng	# 96
3) Pyridine	3.86	79	58071	36.497	ng	97
4) n-Nitrosodimethylamine	3.77	42	37413	46.598	ng	88
6) Aniline	7.33	93	79094	29.483	ng	99
8) 2-Chlorophenol	7.58	128	86857	48.612	ng	93
9) Benzaldehyde	7.14	77	41035	35.855	ng	94
10) Phenol	7.23	94	115458	54.256	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	71619	43.530	ng	99
12) 1,3-Dichlorobenzene	7.89	146	93518	41.774	ng	95
13) 1,4-Dichlorobenzene	8.03	146	96165	42.458	ng	98
14) 1,2-Dichlorobenzene	8.35	146	90563	40.951	ng	99
15) Benzyl Alcohol	8.25	79	77015	47.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97580	40.788	ng	98
17) 2-Methylphenol	8.47	107	74289	47.887	ng	97
18) Hexachloroethane	9.07	117	34045	41.662	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	64130	42.617	ng	91
20) 3+4-Methylphenols	8.80	107	98674	46.385	ng	89
22) Acetophenone	8.82	105	126151	44.280	ng	# 93
24) Nitrobenzene	9.20	77	97914	47.633	ng	# 96
25) Isophorone	9.72	82	181410	45.983	ng	99
26) 2-Nitrophenol	9.91	139	49562	49.941	ng	93
27) 2,4-Dimethylphenol	9.99	122	80295	56.451	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	98519	45.246	ng	96
29) 2,4-Dichlorophenol	10.47	162	91953	50.455	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	105045	45.732	ng	97
31) Naphthalene	10.85	128	270245	47.858	ng	99
32) Benzoic acid	10.18	122	41568	40.107	ng	99
33) 4-Chloroaniline	10.97	127	38684	16.712	ng	95
34) Hexachlorobutadiene	11.14	225	73691	43.399	ng	98
35) Caprolactam	11.74	113	20695	32.971	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	100163	50.386	ng	94
37) 2-Methylnaphthalene	12.46	142	207594	47.913	ng	96
38) 1-Methylnaphthalene	12.68	142	195225	47.356	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	137482	46.288	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124981	80.105	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	84428	48.269	ng	96
44) 2,4,5-Trichlorophenol	13.16	196	87094	49.252	ng	95
46) 1,1'-Biphenyl	13.46	154	276981	45.367	ng	97
47) 2-Chloronaphthalene	13.50	162	214073	46.083	ng	96
48) 2-Nitroaniline	13.72	65	66125	47.626	ng	95
49) Acenaphthylene	14.35	152	353789	48.934	ng	99
50) Dimethylphthalate	14.09	163	367851	59.175	ng	99
51) 2,6-Dinitrotoluene	14.20	165	65101	48.206	ng	96
52) Acenaphthene	14.69	154	208409	47.269	ng	97
53) 3-Nitroaniline	14.54	138	34837	26.718	ng	99
54) 2,4-Dinitrophenol	14.76	184	61064	73.101	ng	97
55) Dibenzofuran	15.03	168	343524	48.046	ng	98
56) 4-Nitrophenol	14.89	139	85787	98.182	ng	93
57) 2,4-Dinitrotoluene	15.00	165	90238	46.756	ng	96
58) Fluorene	15.68	166	289104	48.210	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85647	45.587	ng	95
60) Diethylphthalate	15.44	149	285502	45.709	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	163688	46.790	ng	96
62) 4-Nitroaniline	15.71	138	60320	44.796	ng	93
63) Azobenzene	15.96	77	241631	47.800	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	53363	47.656	ng	94
66) n-Nitrosodiphenylamine	15.88	169	255085	47.486	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	116871	45.642	ng	99
68) Hexachlorobenzene	16.68	284	129421	44.032	ng	96
69) Atrazine	16.83	200	109597	58.715	ng	99
70) Pentachlorophenol	17.04	266	105946	79.105	ng	98
71) Phenanthrene	17.42	178	456850	46.889	ng	99
72) Anthracene	17.51	178	474667	48.692	ng	98
73) Carbazole	17.78	167	424016	48.032	ng	98
74) Di-n-butylphthalate	18.33	149	496091	46.315	ng	98
75) Fluoranthene	19.43	202	603812	47.536	ng	99
77) Benzidine	19.61	184	328858	79.446	ng	99
78) Pyrene	19.79	202	604423	47.475	ng	100
80) Butylbenzylphthalate	20.67	149	229048	47.486	ng	99
81) Benzo(a)anthracene	21.62	228	630969	48.974	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	137308	27.554	ng	99
83) Chrysene	21.68	228	608285	47.519	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	339284	49.518	ng	99
85) Di-n-octyl phthalate	22.71	149	586899	50.488	ng	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	808777	50.333	ng	100
88) Benzo(b)fluoranthene	23.81	252	673510	47.893	ng	99
89) Benzo(k)fluoranthene	23.88	252	682467	48.207	ng	99
90) Benzo(a)pyrene	24.67	252	624863	46.531	ng	99
91) Dibenzo(a,h)anthracene	28.51	278	686147	49.953	ng	97
92) Benzo(g,h,i)perylene	29.59	276	683685	50.460	ng	97

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

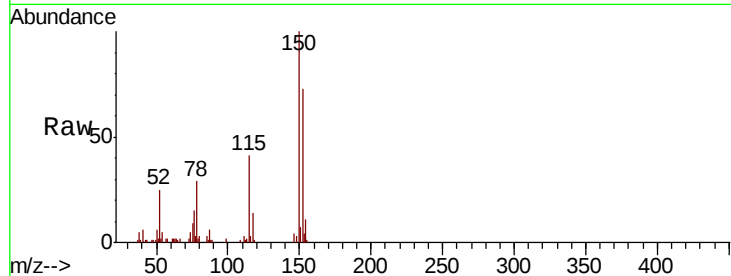


#1

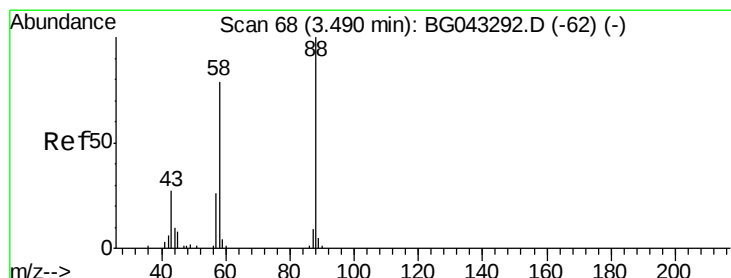
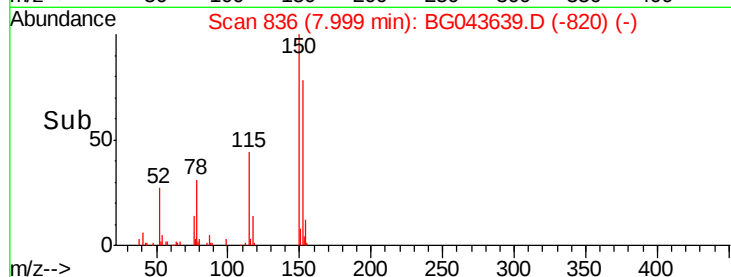
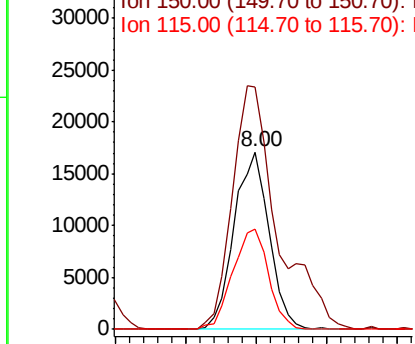
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:152 Resp: 29660
Ion Ratio Lower Upper
152 100
150 136.9 129.4 194.0
115 56.6 48.8 73.2



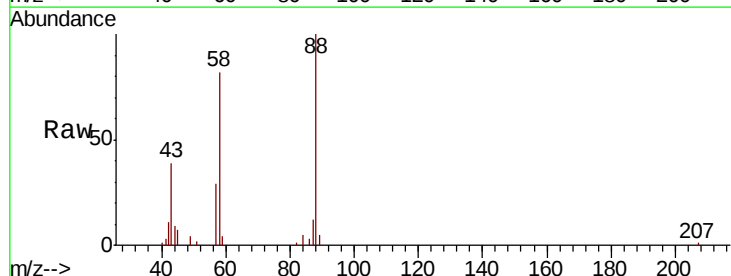
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



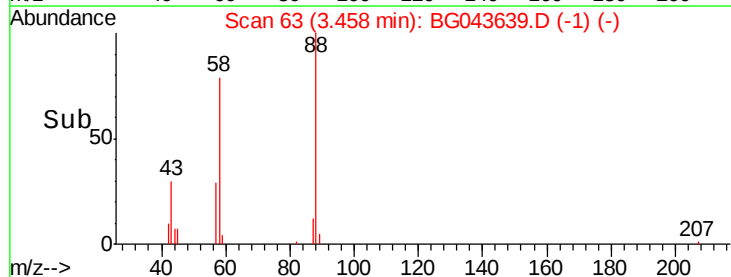
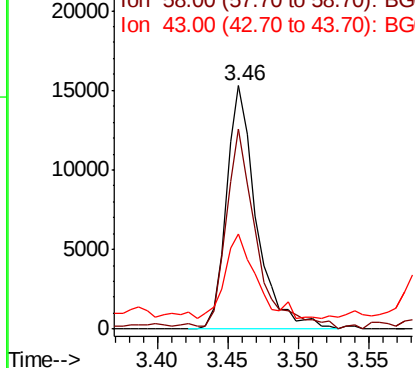
#2

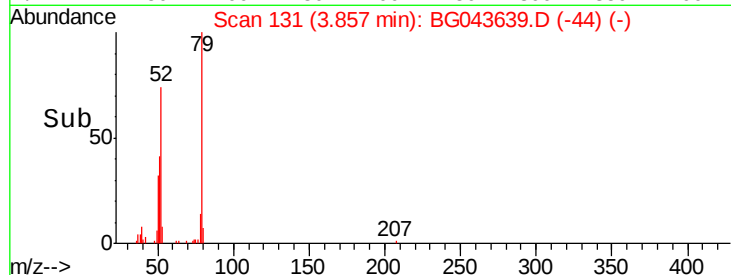
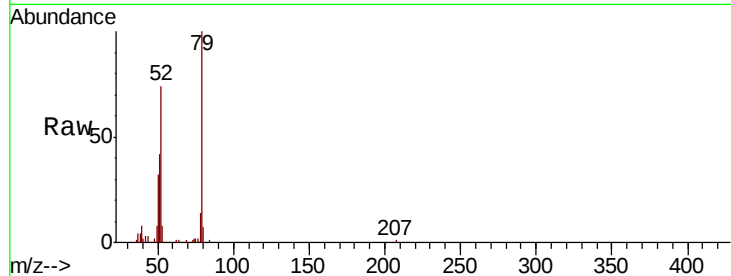
1,4-Dioxane
Concen: 35.660 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion: 88 Resp: 22493
Ion Ratio Lower Upper
88 100
58 78.7 62.7 94.1
43 36.6 23.7 35.5#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

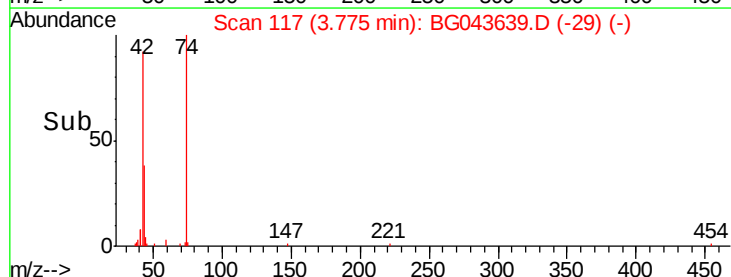
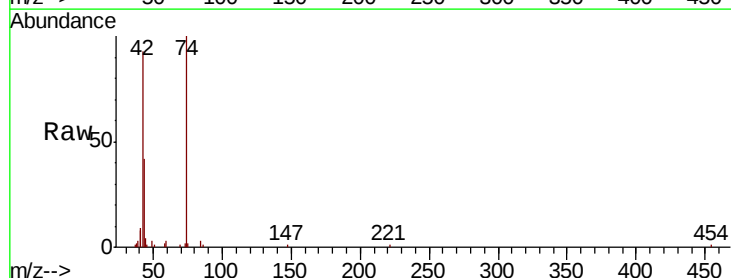
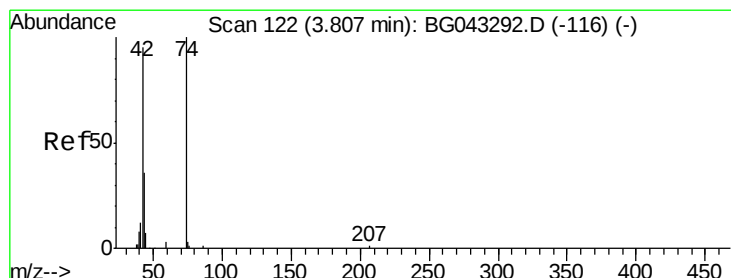
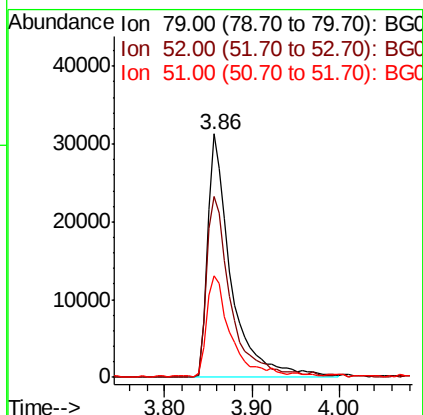




#3
 Pvridine
 Concen: 36.497 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

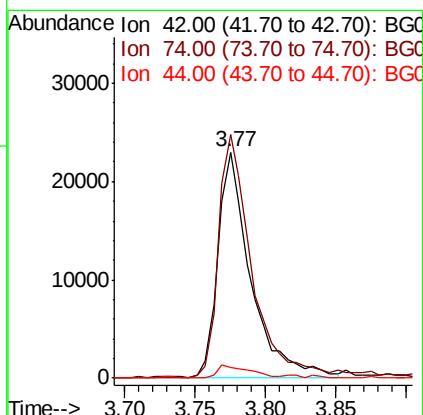
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	56.5	84.7
51	41.7	33.2	49.8

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS



#4
 n-Nitrosodimethylamine
 Concen: 46.598 ng
 RT: 3.77 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.6	97.3	145.9
44	4.8	4.4	6.6





#5

2-Fluorophenol

Concen: 163.416 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

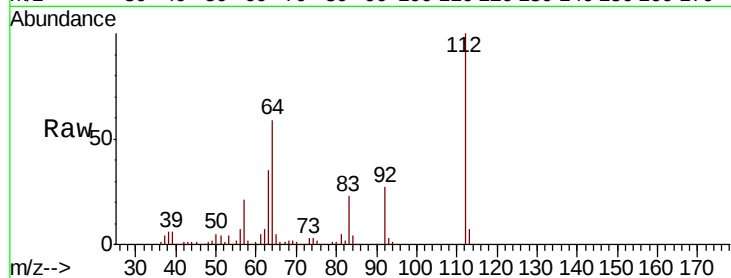
Tot Ion:112 Resp: 264506

Ion Ratio Lower Upper

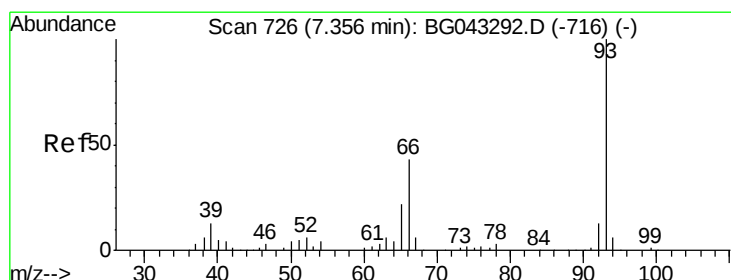
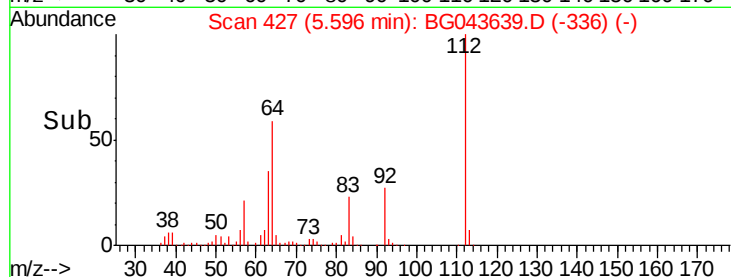
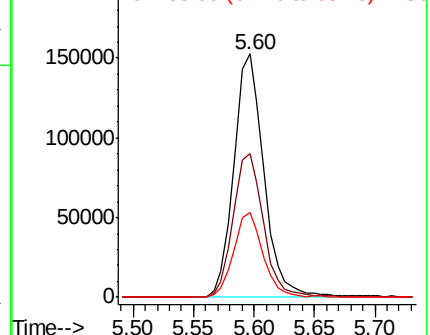
112 100

64 59.0 50.0 75.0

63 35.1 26.6 40.0



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: 29.483 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

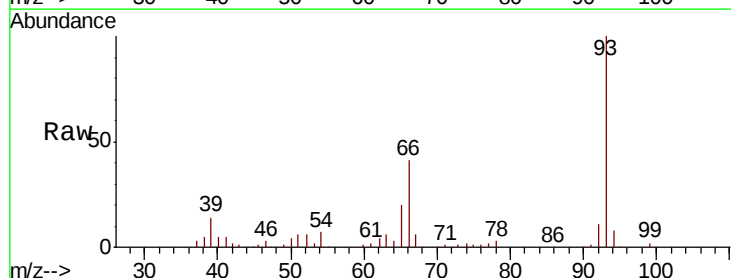
Tgt Ion: 93 Resp: 79094

Ion Ratio Lower Upper

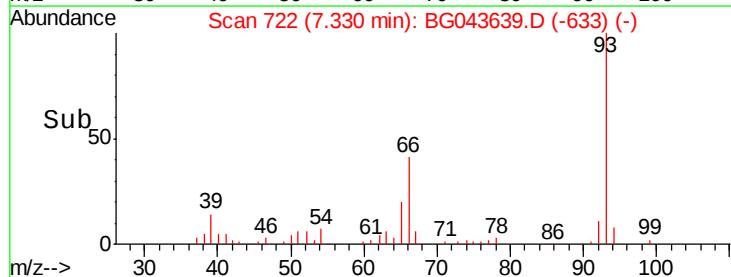
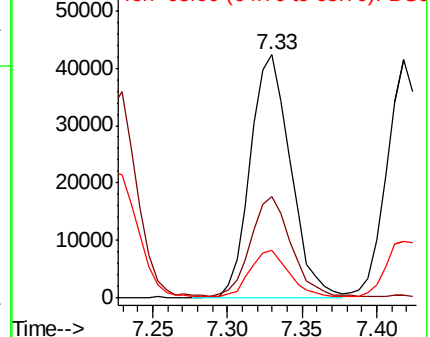
93 100

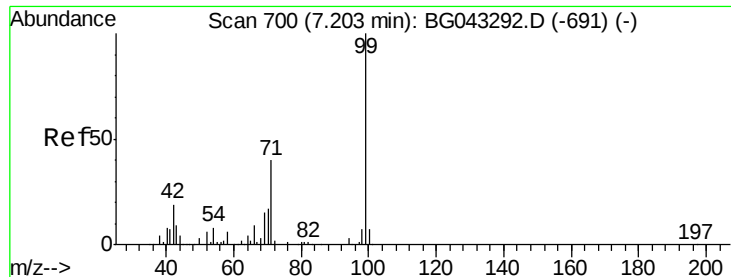
66 41.4 32.3 48.5

65 19.8 16.1 24.1



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: 163.961 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

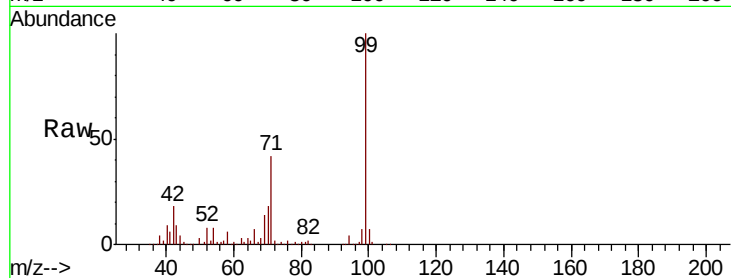
Tot Ion: 99 Resp: 381831

Ion Ratio Lower Upper

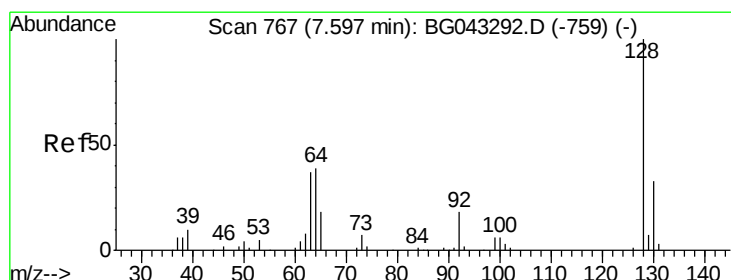
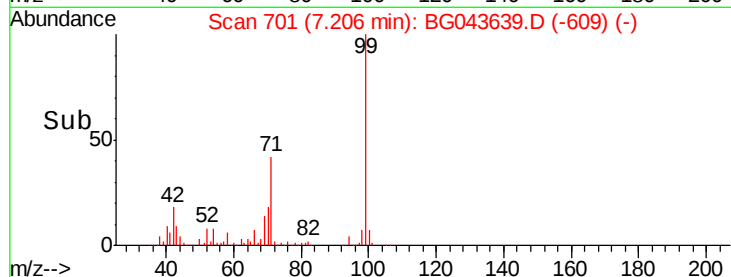
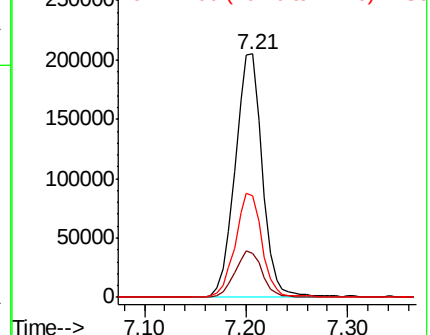
99 100

42 18.1 14.6 21.8

71 42.0 32.5 48.7



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: 48.612 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

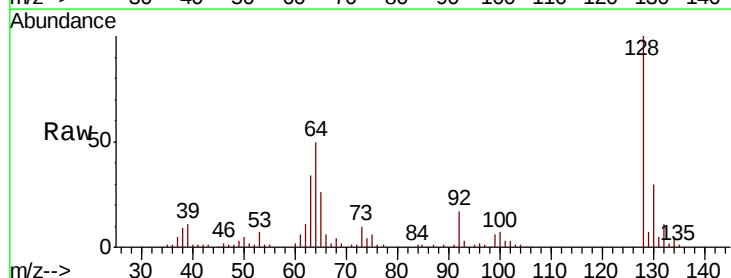
Tgt Ion: 128 Resp: 86857

Ion Ratio Lower Upper

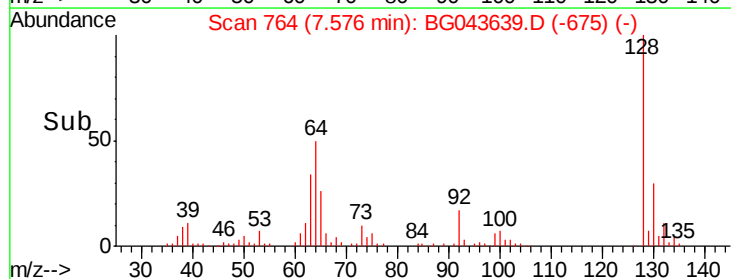
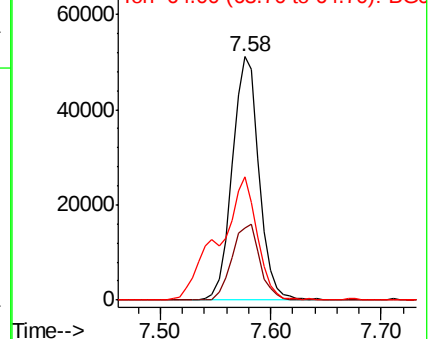
128 100

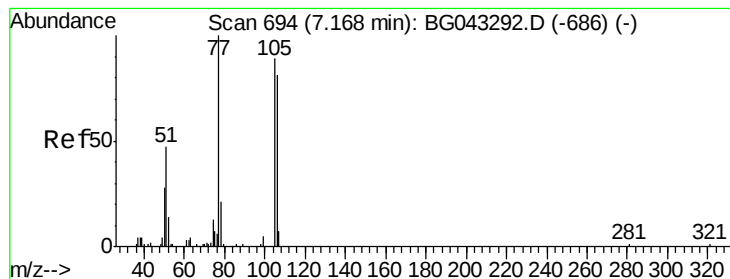
130 29.9 12.5 52.5

64 50.5 25.3 65.3



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: 35.855 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampled :

8-(8-10)MS

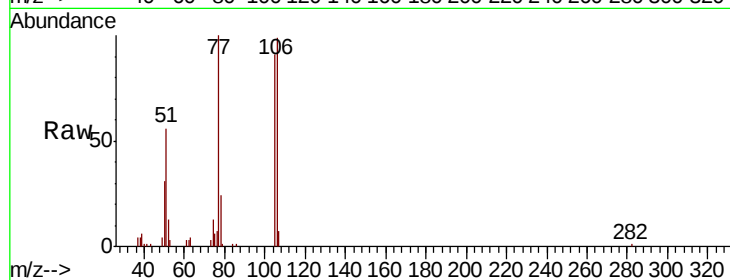
Tot Ion: 77 Resp: 41035

Ion Ratio Lower Upper

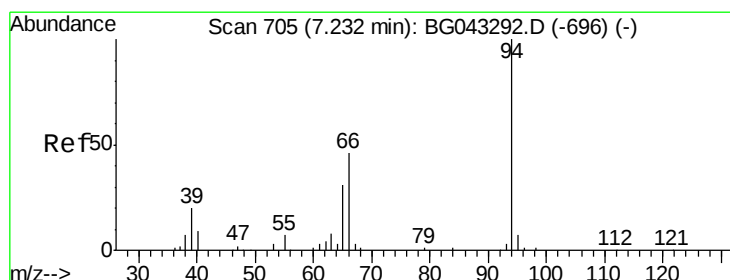
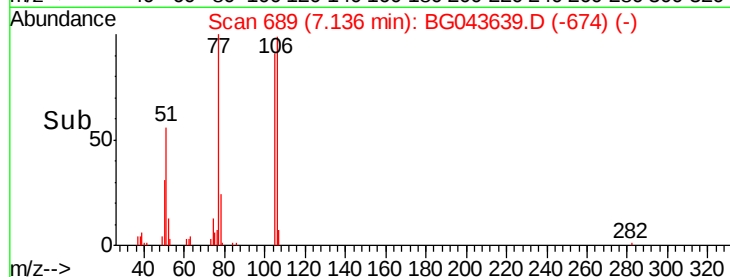
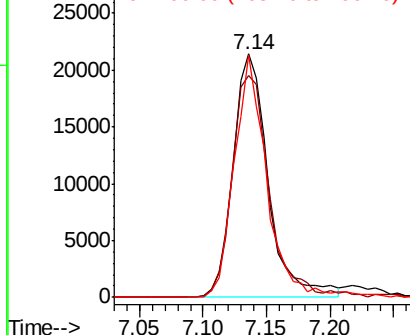
77 100

105 91.4 68.6 108.6

106 99.3 69.9 109.9



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



#10

Phenol

Concen: 54.256 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

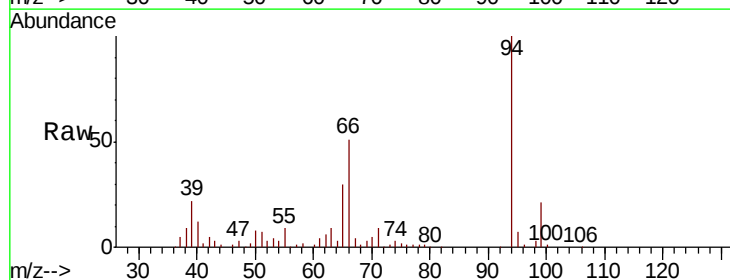
Tgt Ion: 94 Resp: 115458

Ion Ratio Lower Upper

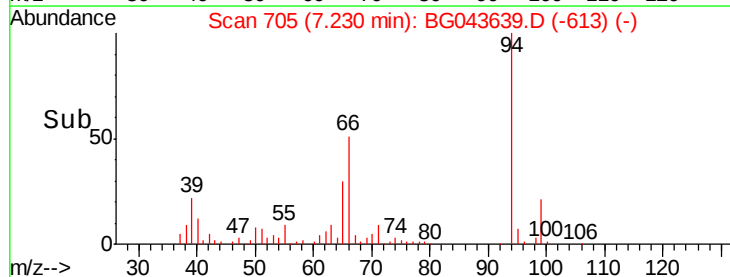
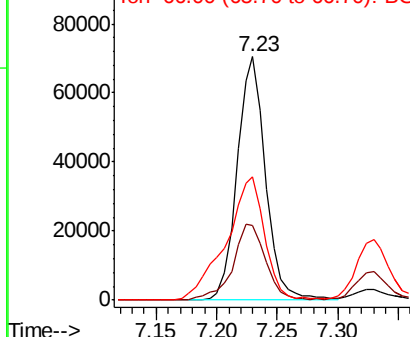
94 100

65 30.5 12.6 52.6

66 50.9 30.7 70.7



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

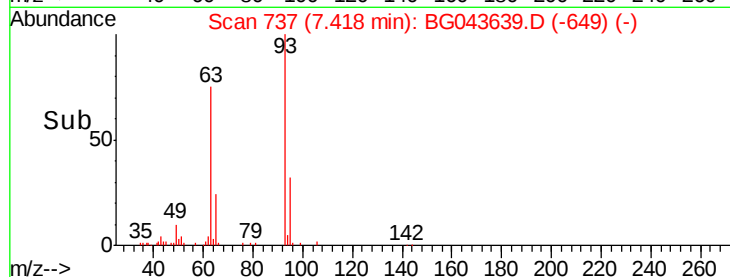
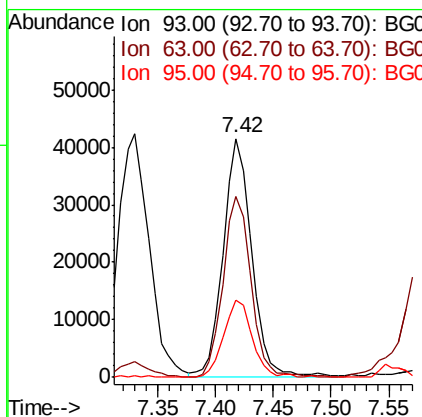
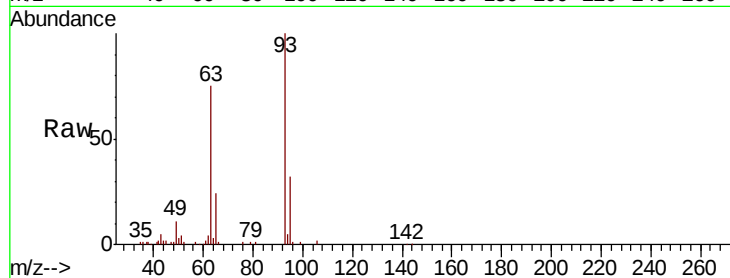




#11
bis(2-Chloroethyl)ether
Concen: 43.530 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

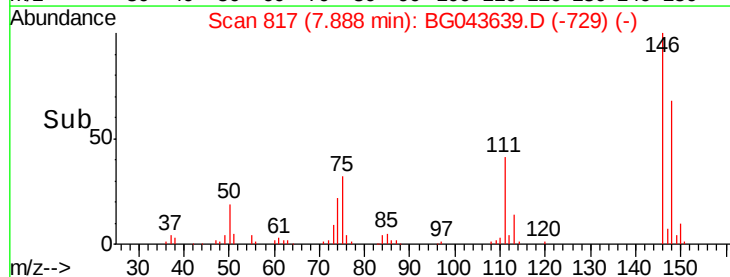
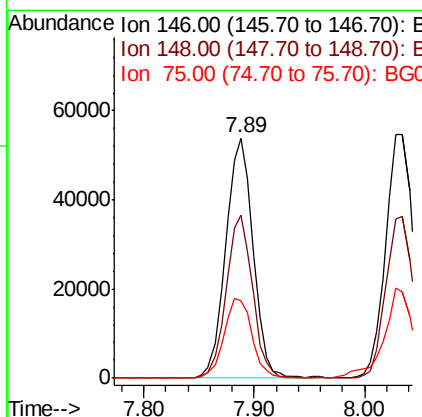
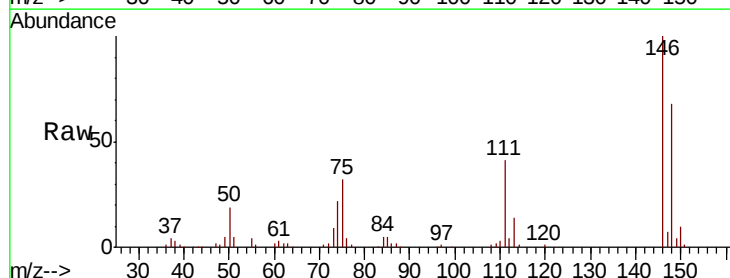
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

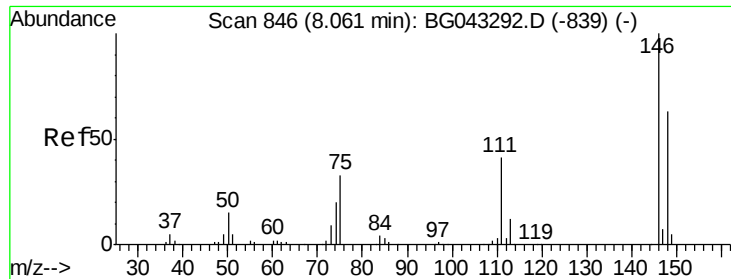
Tot Ion: 93 Resp: 71619
Ion Ratio Lower Upper
93 100
63 75.4 56.3 96.3
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.774 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion: 146 Resp: 93518
Ion Ratio Lower Upper
146 100
148 68.1 50.3 75.5
75 32.0 24.6 37.0

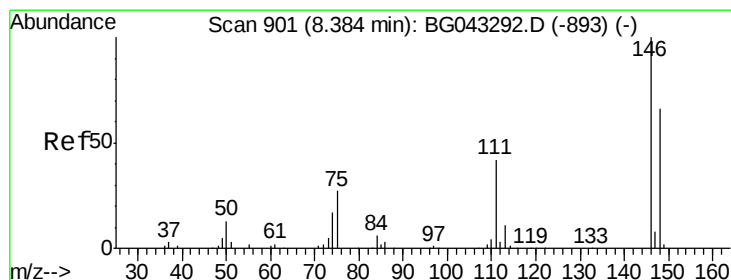
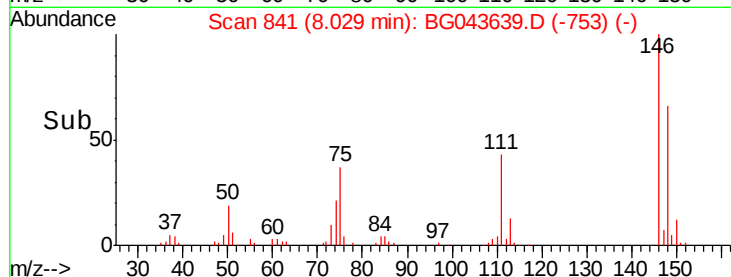
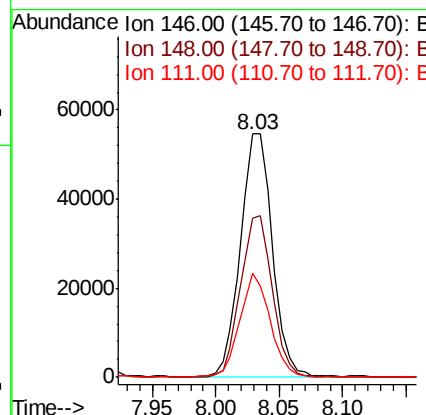
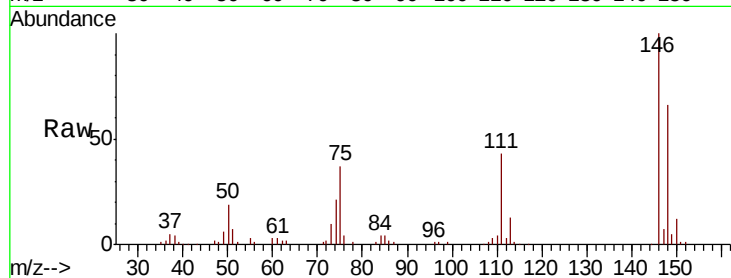




#13
 1,4-Dichlorobenzene
 Concen: 42.458 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

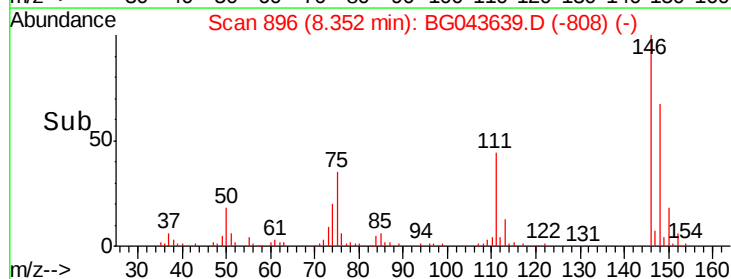
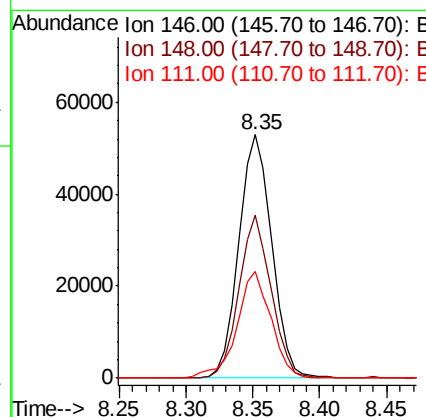
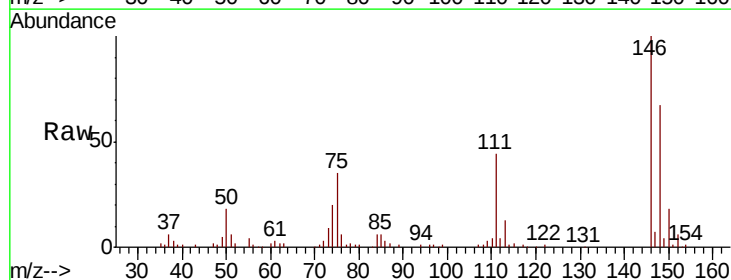
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

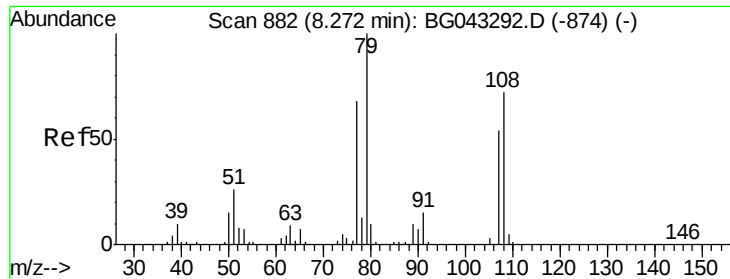
Tot Ion:146 Resp: 96165
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.7 76.1
 111 42.8 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 40.951 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion:146 Resp: 90563
 Ion Ratio Lower Upper
 146 100
 148 66.9 53.2 79.8
 111 44.0 35.8 53.6





#15

Benzyl Alcohol

Concen: 47.089 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

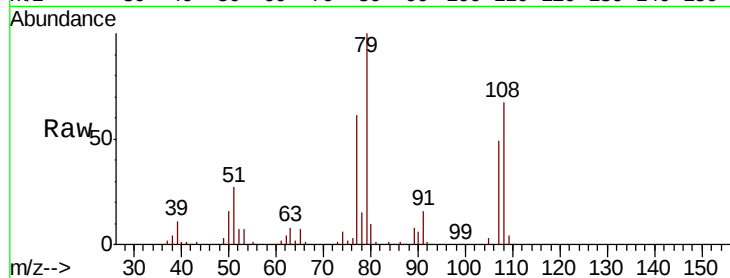
Tot Ion: 79 Resp: 77015

Ion Ratio Lower Upper

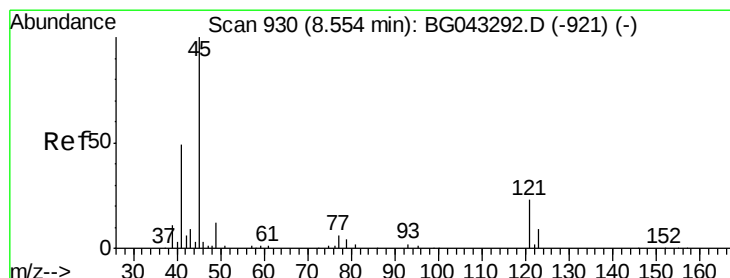
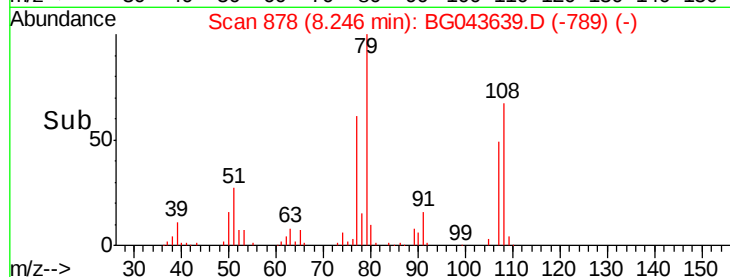
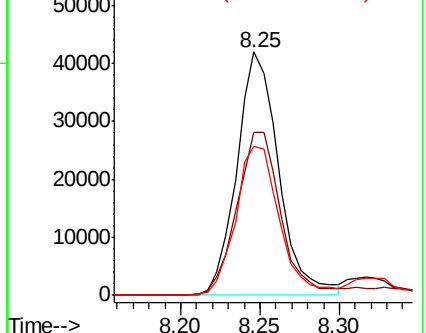
79 100

108 66.7 53.6 80.4

77 61.4 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.788 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

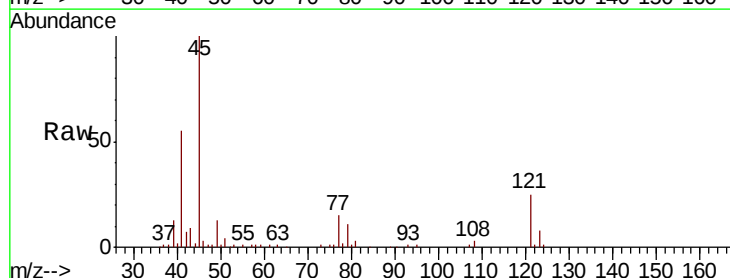
Tgt Ion: 45 Resp: 97580

Ion Ratio Lower Upper

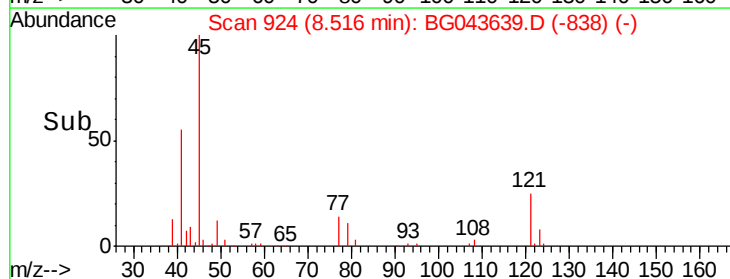
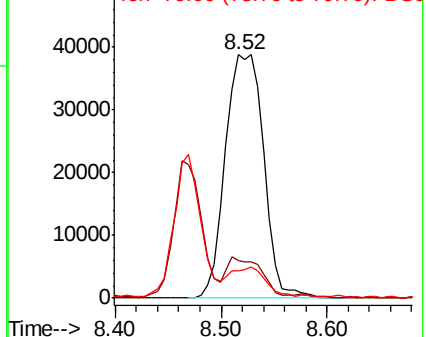
45 100

77 15.3 0.0 34.9

79 11.4 0.0 33.0



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





#17

2-Methylphenol

Concen: 47.887 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

Tot Ion:107 Resp: 74289

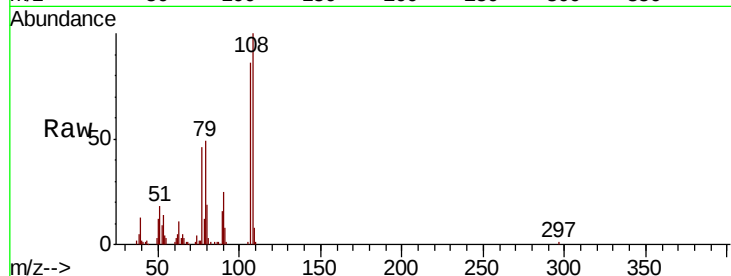
Ion Ratio Lower Upper

107 100

108 116.0 90.2 135.4

77 53.2 40.2 60.2

79 57.1 44.0 66.0

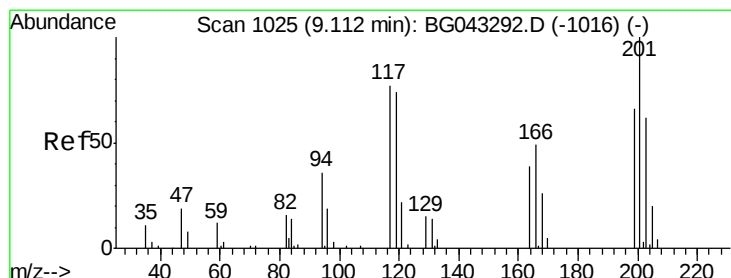
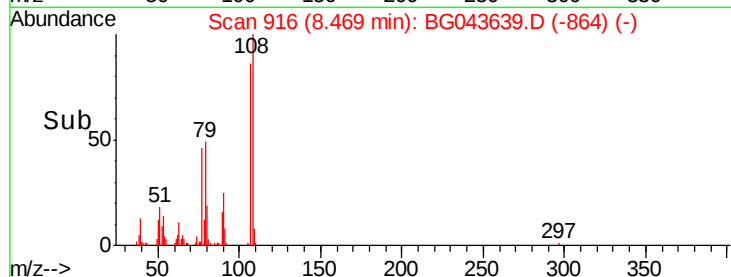
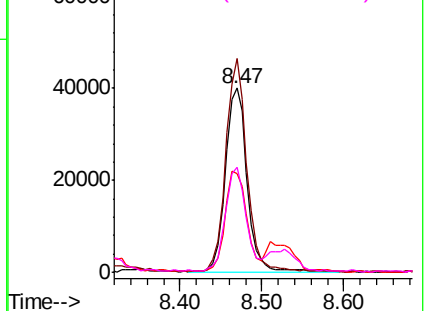


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.662 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

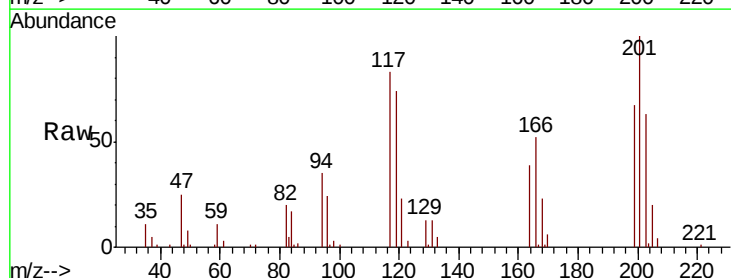
Tgt Ion:117 Resp: 34045

Ion Ratio Lower Upper

117 100

119 89.8 79.0 118.4

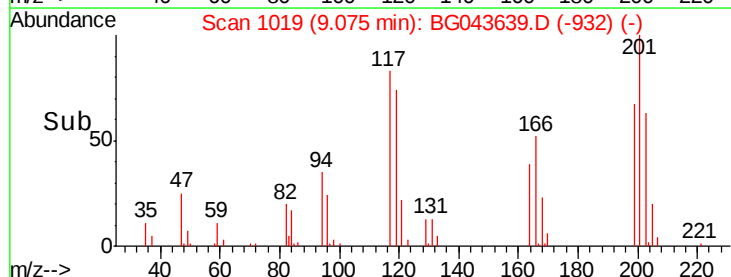
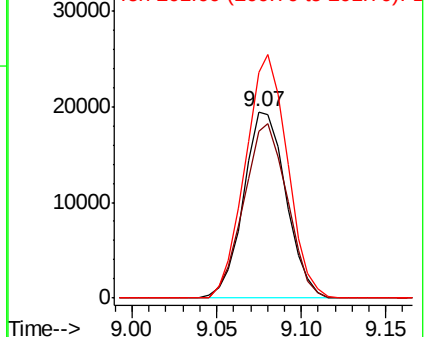
201 121.0 105.4 158.2

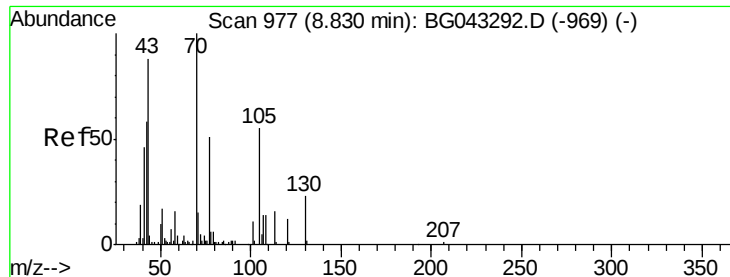


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

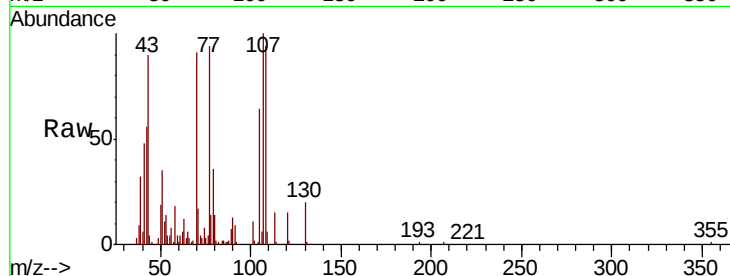




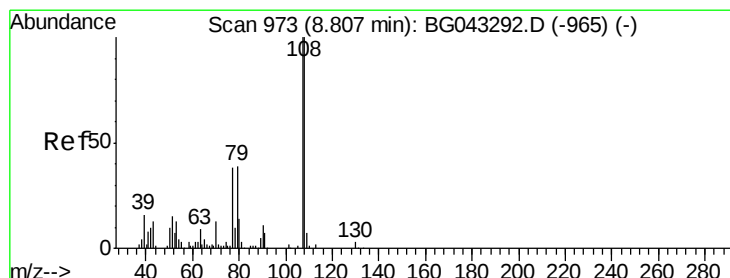
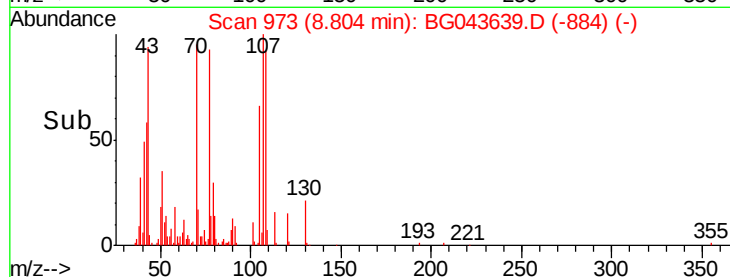
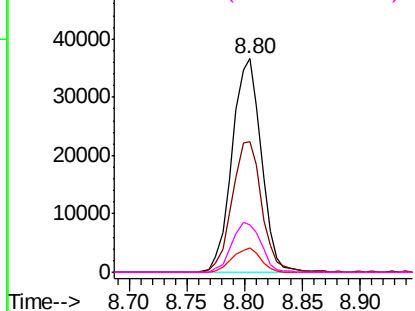
#19
n-Nitroso-di-n-propylamine
Concen: 42.617 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:	70	Resp:	64130
Ion	Ratio	Lower	Upper
70	100		
42	61.1	41.4	62.2
101	11.7	7.9	11.9
130	22.2	19.0	28.4

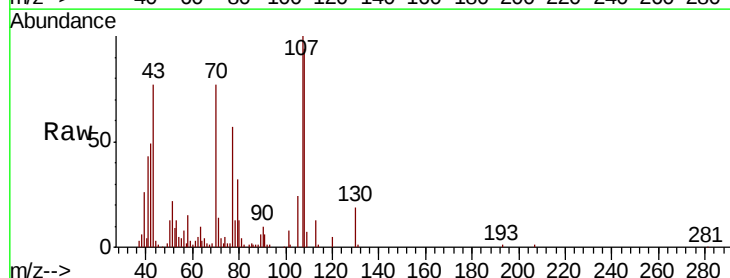


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

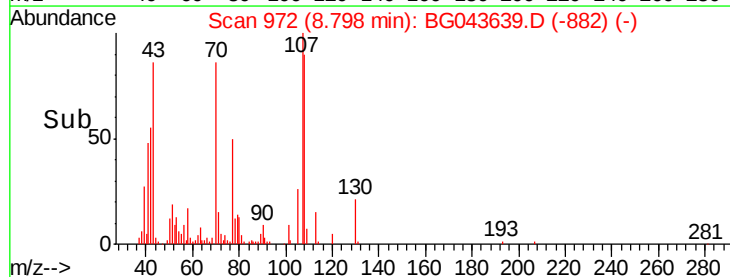
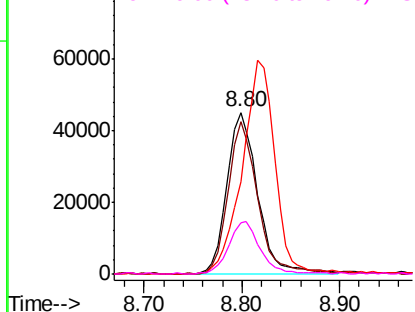


#20
3+4-Methylphenols
Concen: 46.385 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:	107	Resp:	98674
Ion	Ratio	Lower	Upper
107	100		
108	93.8	66.6	106.6
77	57.1	20.9	60.9
79	31.6	11.3	51.3



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

Tot Ion:136 Resp: 111247

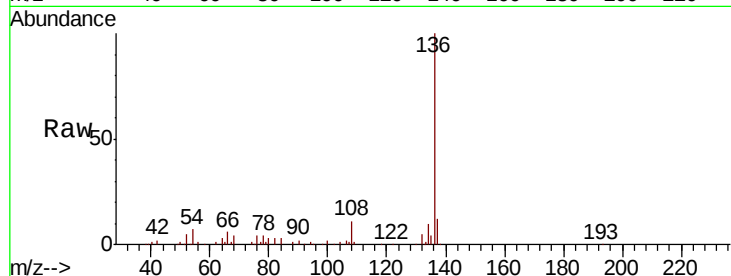
Ion Ratio Lower Upper

136 100

137 12.4 8.7 13.1

54 7.1 5.4 8.2

68 4.2 3.0 4.4

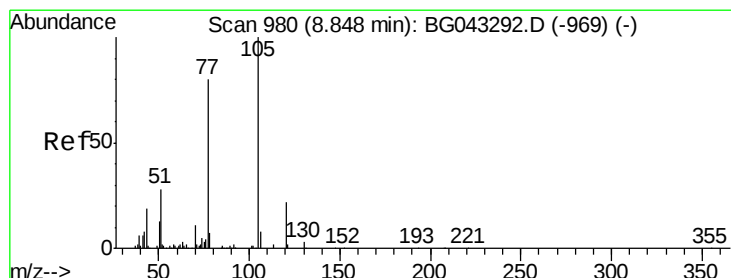
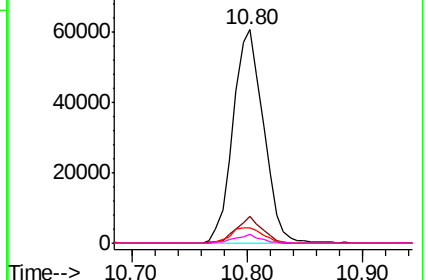
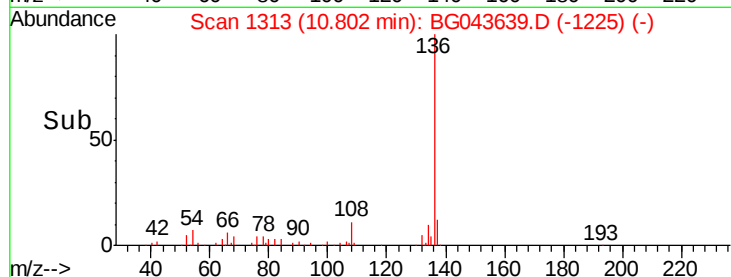


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.280 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:105 Resp: 126151

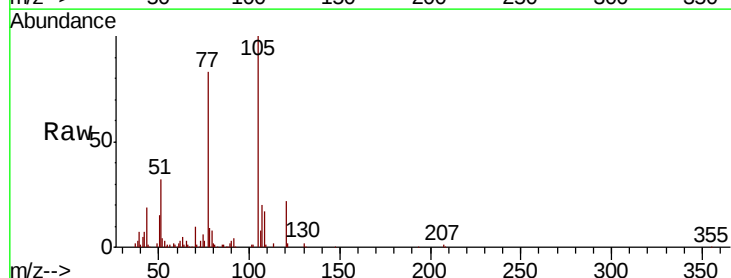
Ion Ratio Lower Upper

105 100

71 1.4 0.8 1.2#

51 32.5 21.0 31.4#

120 21.7 18.0 27.0

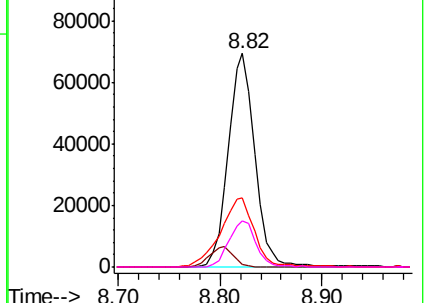
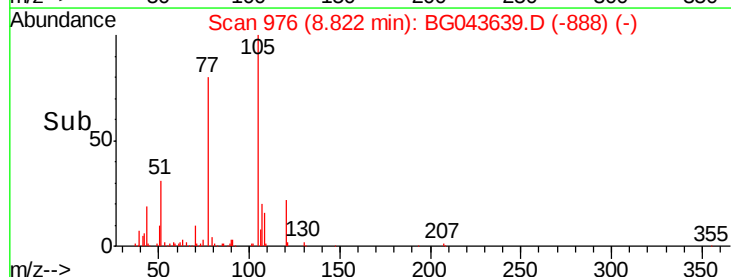


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

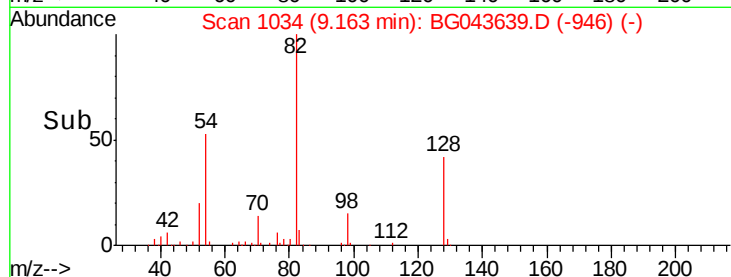
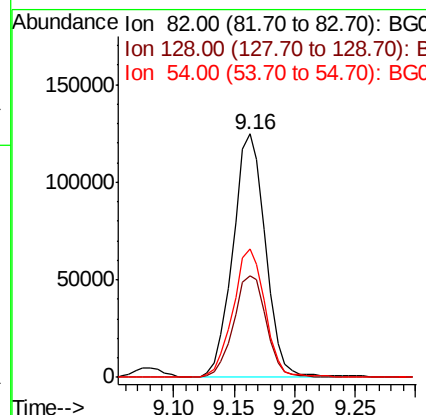
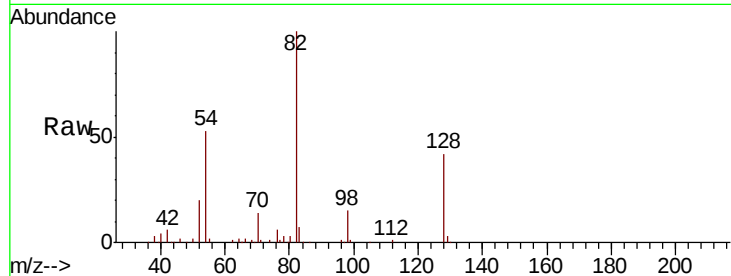




#23
 Nitrobenzene-d5
 Concen: 108.716 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

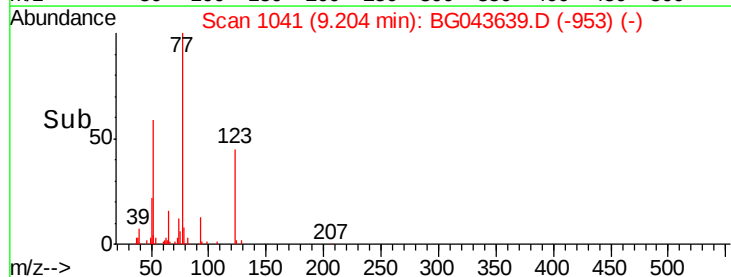
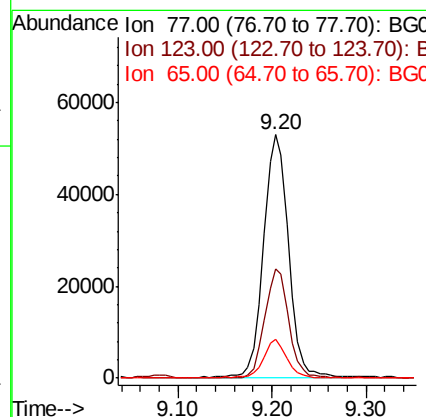
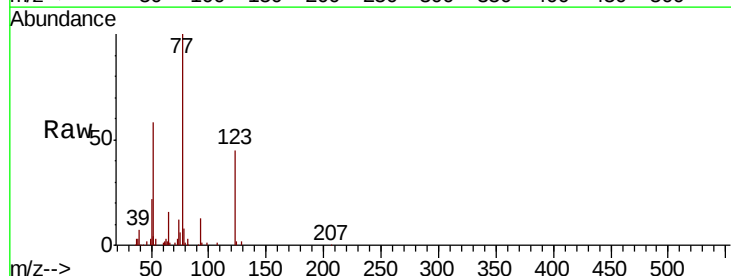
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

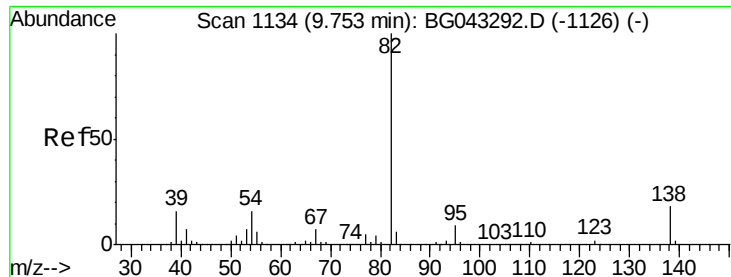
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.0	52.6
54	52.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 47.633 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.0	52.6
65	16.1	9.5	14.3#





#25

Isophorone

Concen: 45.983 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

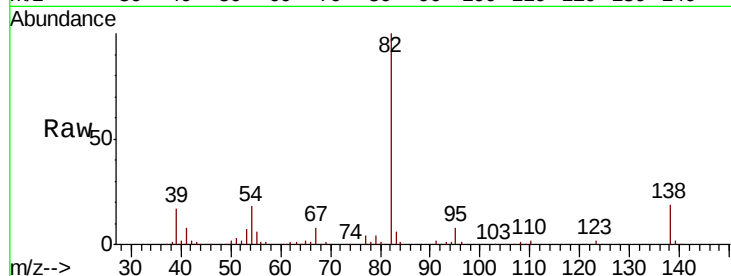
Tot Ion: 82 Resp: 181410

Ion Ratio Lower Upper

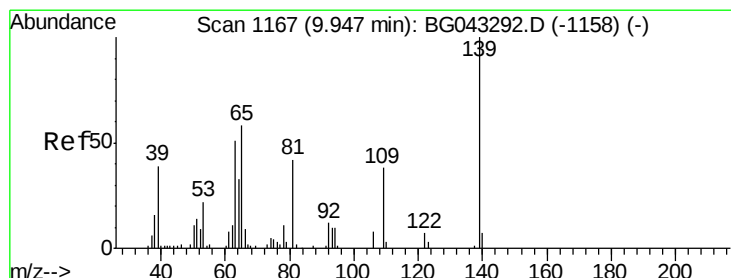
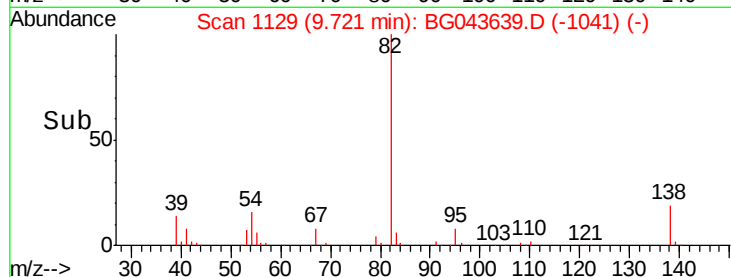
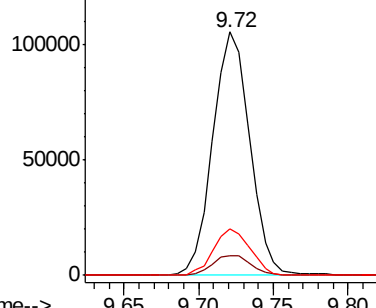
82 100

95 7.8 6.6 9.8

138 19.1 15.2 22.8



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: 49.941 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

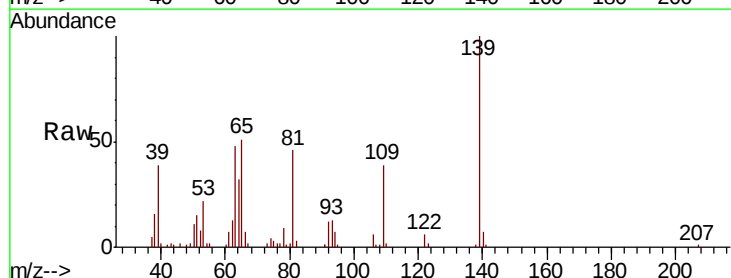
Tgt Ion: 139 Resp: 49562

Ion Ratio Lower Upper

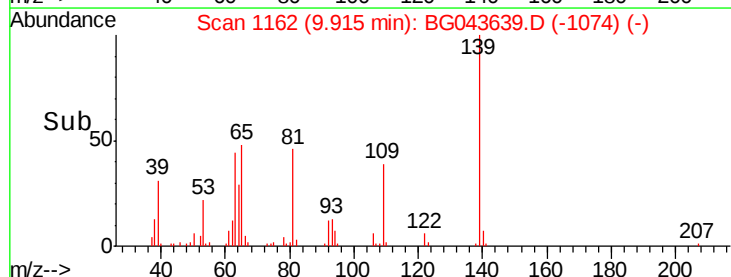
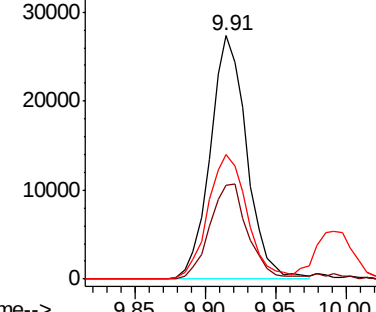
139 100

109 38.7 26.5 39.7

65 51.4 43.8 65.8



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

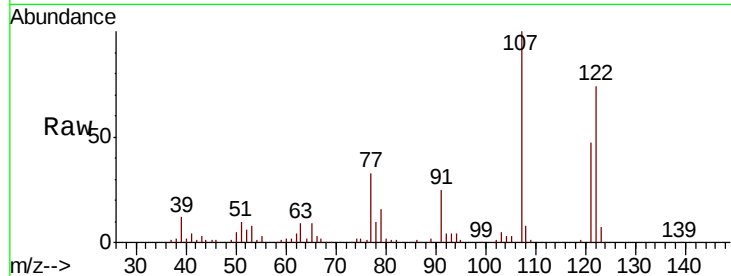




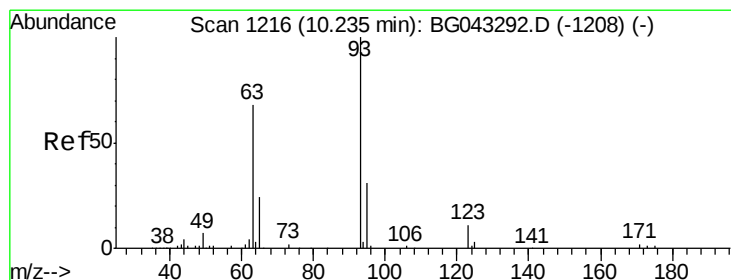
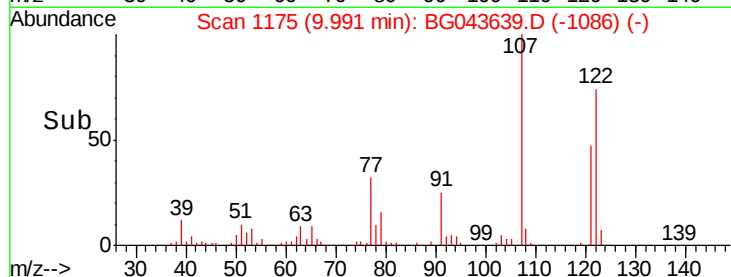
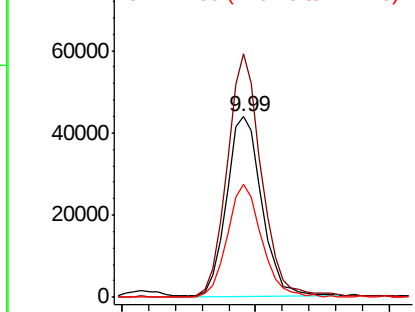
#27
2,4-Dimethylphenol
Concen: 56.451 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:122 Resp: 80295
Ion Ratio Lower Upper
122 100
107 134.7 104.4 156.6
121 62.7 47.2 70.8

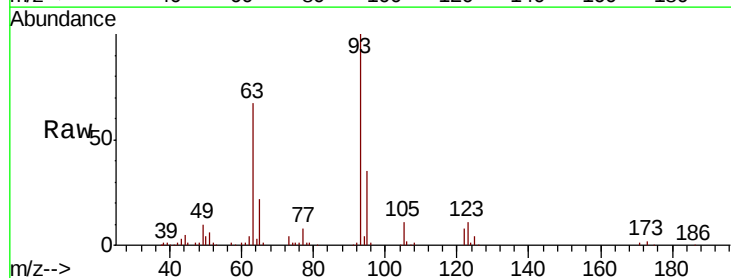


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

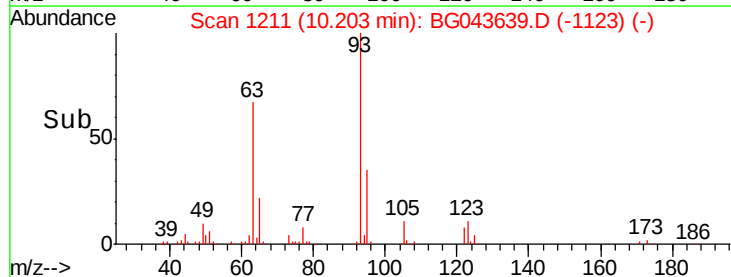
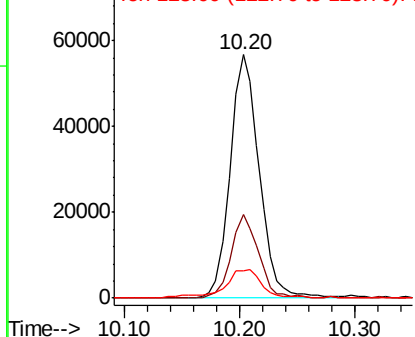


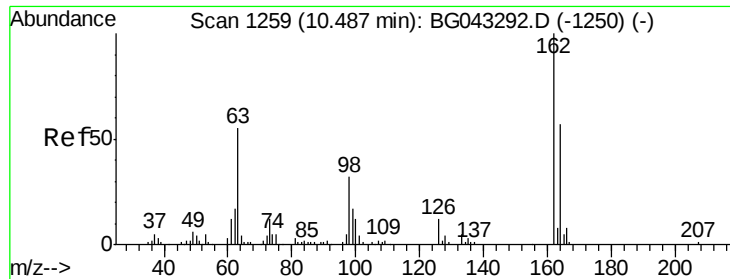
#28
bis(2-Chloroethoxy)methane
Concen: 45.246 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion: 93 Resp: 98519
Ion Ratio Lower Upper
93 100
95 34.5 26.0 39.0
123 11.3 10.6 15.8



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

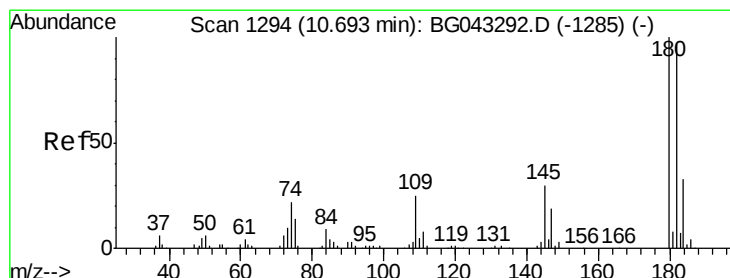
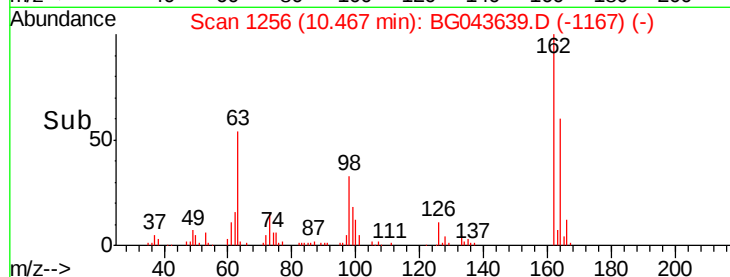
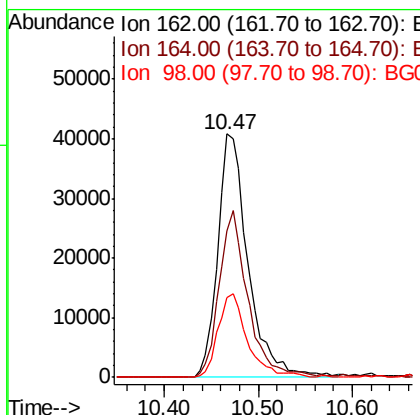
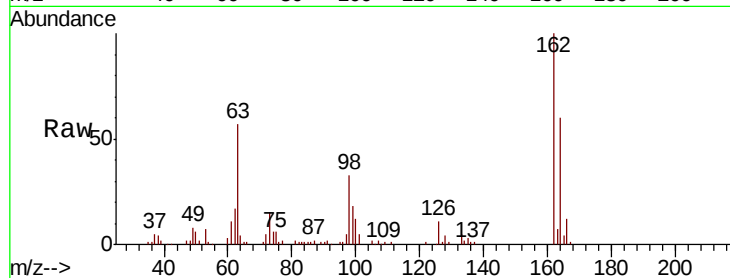




#29
2,4-Dichlorophenol
Concen: 50.455 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

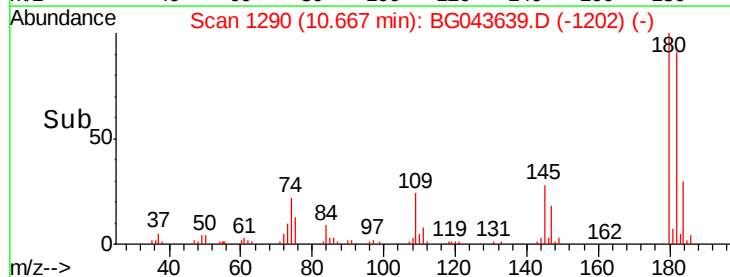
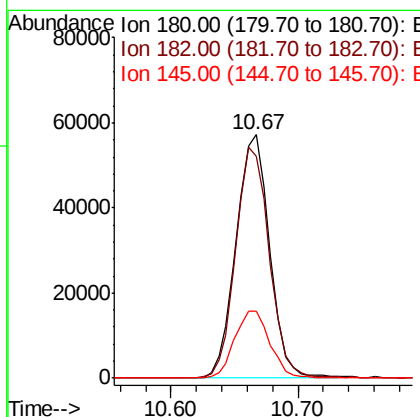
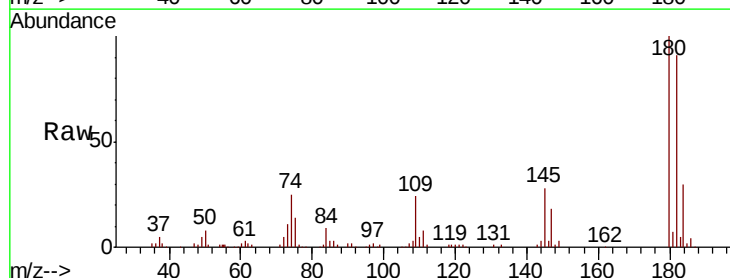
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.9	88.9
98	32.6	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 45.732 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.1	112.7
145	27.6	23.9	35.9

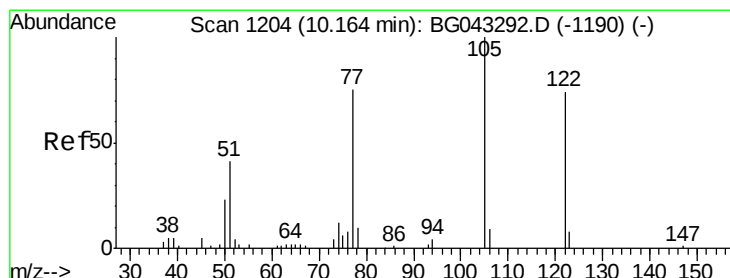
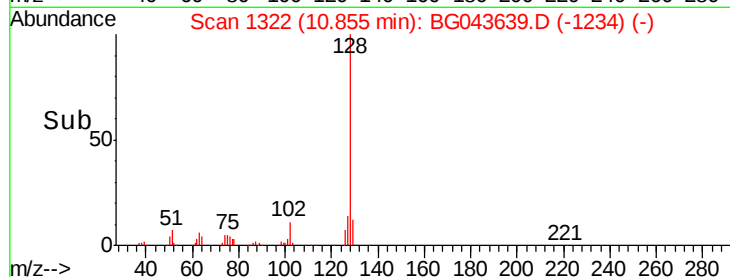
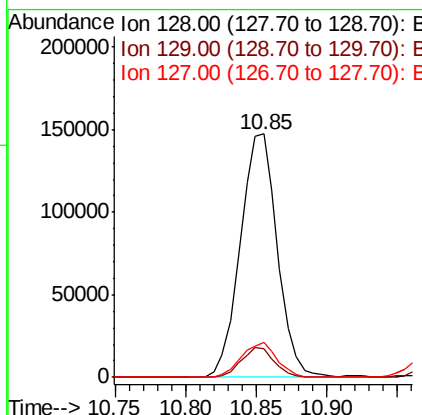
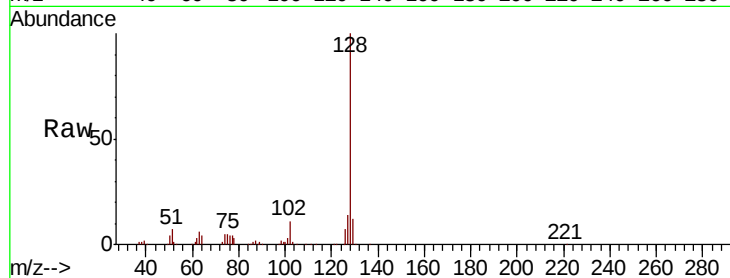




#31
Naphthalene
Concen: 47.858 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

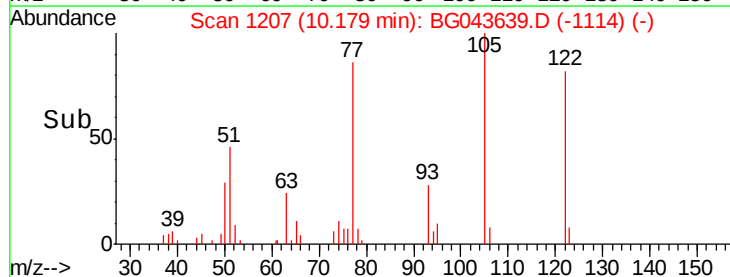
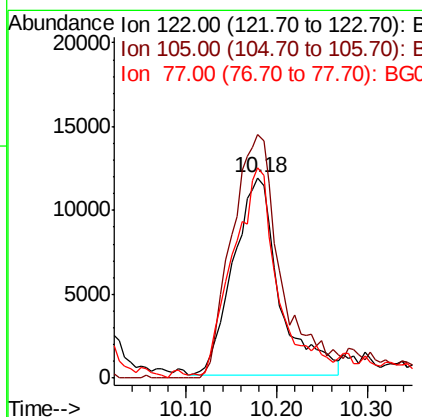
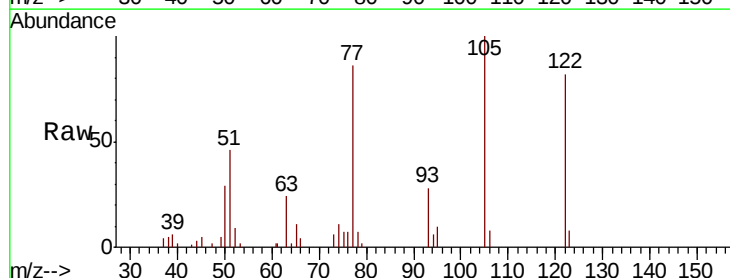
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.3	11.1	16.7



#32
Benzoic acid
Concen: 40.107 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	103.3	143.3
77	104.9	84.9	124.9

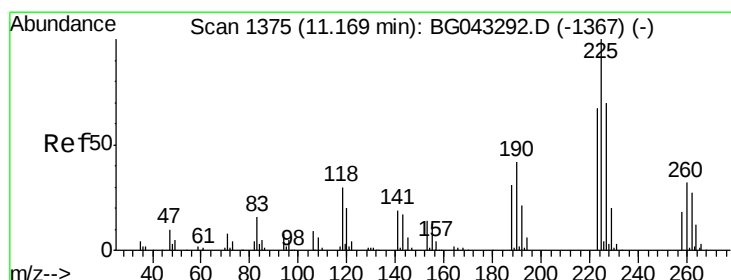
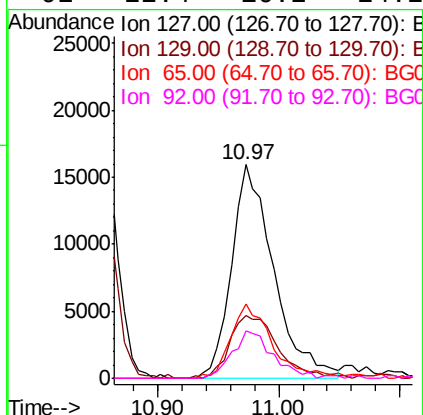
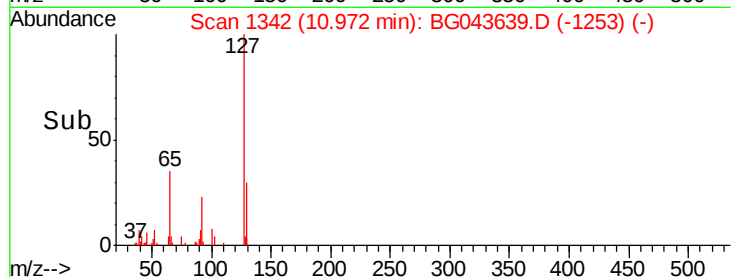
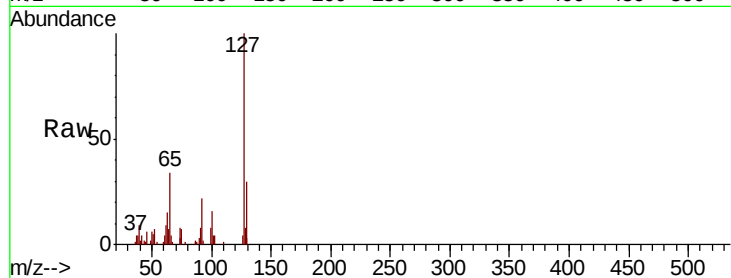




#33
4-Chloroaniline
Concen: 16.712 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

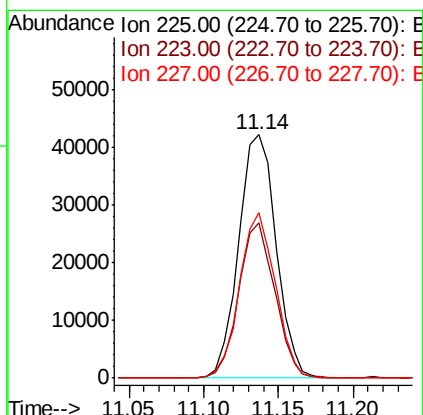
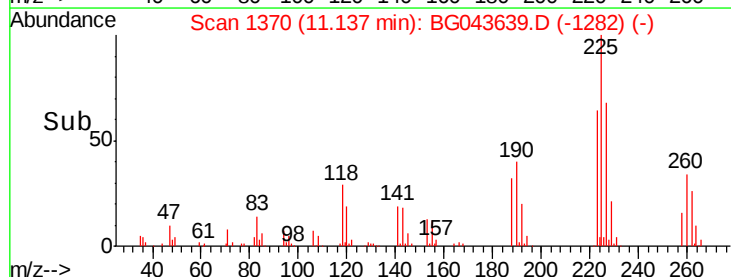
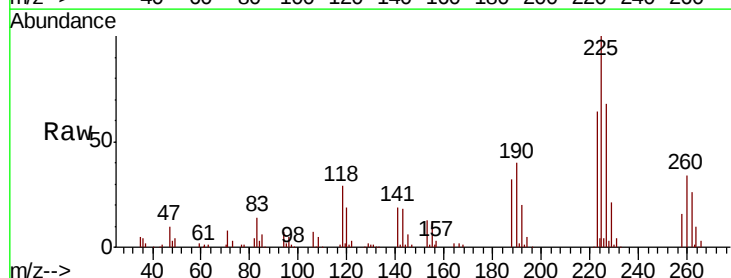
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

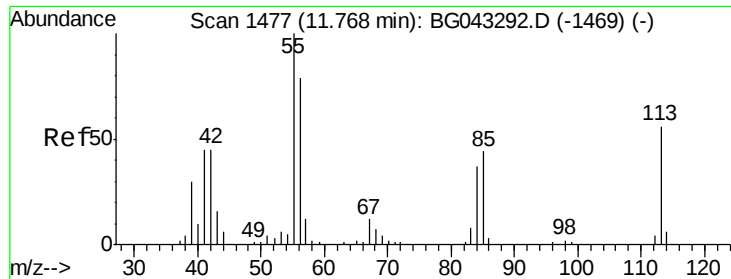
Tot Ion:127	Resp:	38684
Ion Ratio	Lower	Upper
127	100	
129	29.5	26.5 39.7
65	34.5	26.4 39.6
92	22.4	16.2 24.2



#34
Hexachlorobutadiene
Concen: 43.399 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:225	Resp:	73691
Ion Ratio	Lower	Upper
225	100	
223	63.7	52.7 79.1
227	68.2	54.8 82.2





#35

Caprolactam

Concen: 32.971 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

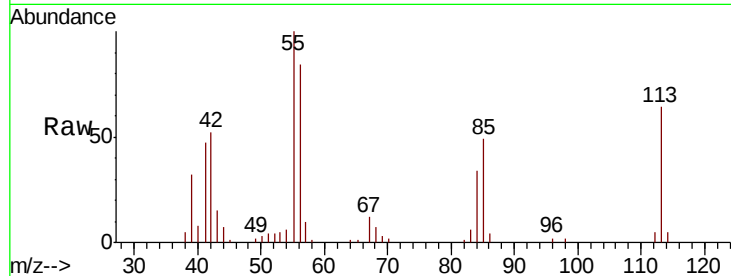
Tot Ion:113 Resp: 20695

Ion Ratio Lower Upper

113 100

55 156.5 134.1 174.1

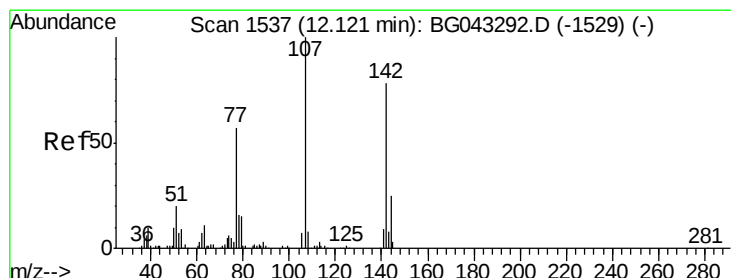
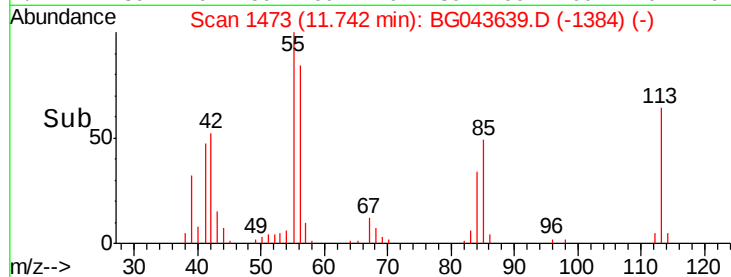
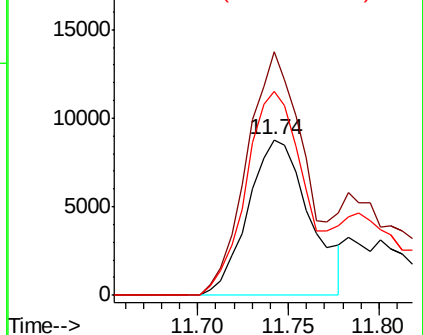
56 130.8 100.4 140.4



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: 50.386 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

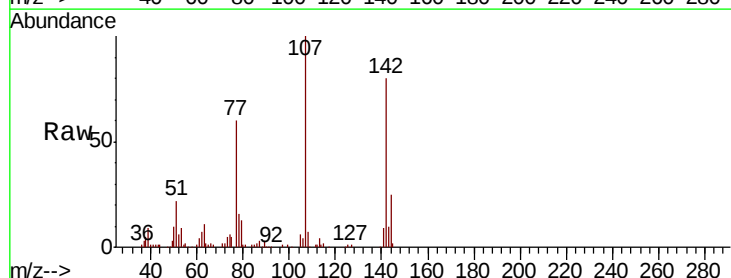
Tgt Ion:107 Resp: 100163

Ion Ratio Lower Upper

107 100

144 24.5 20.9 31.3

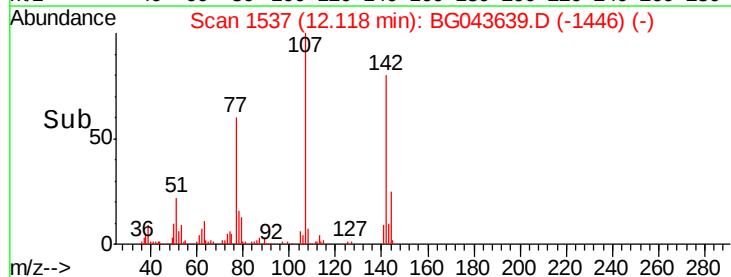
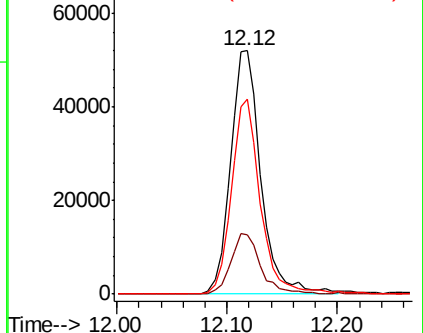
142 80.0 59.6 89.4



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

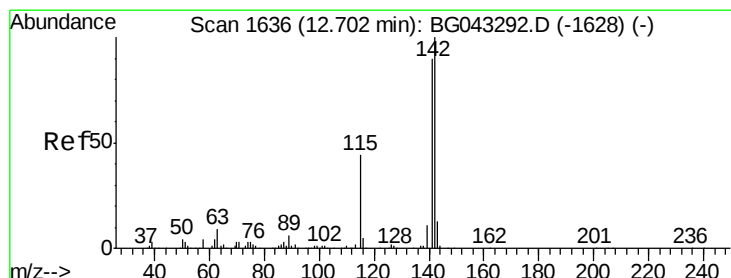
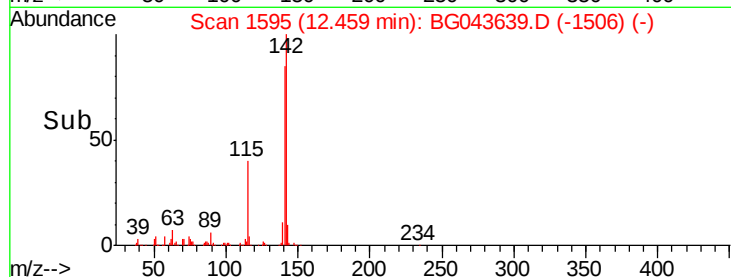
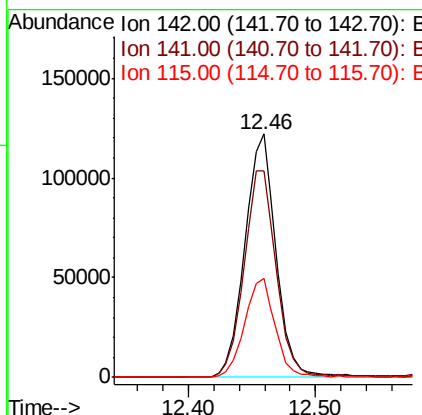
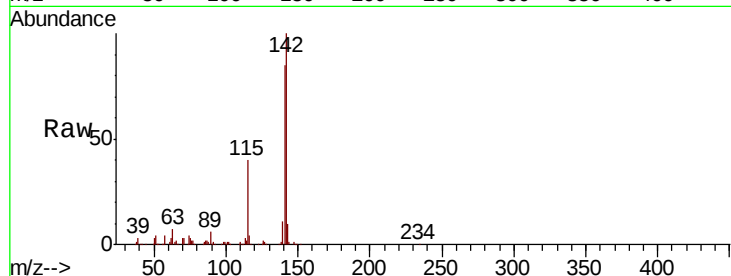




#37
2-Methylnaphthalene
Concen: 47.913 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

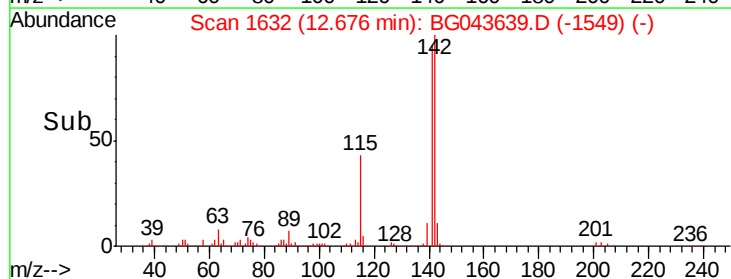
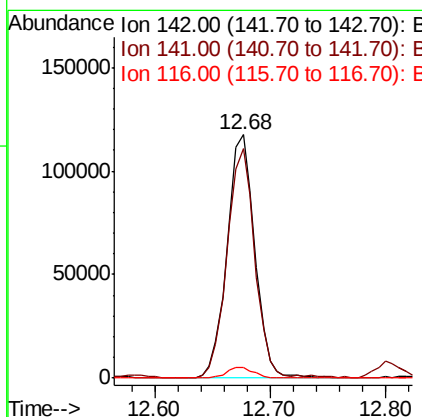
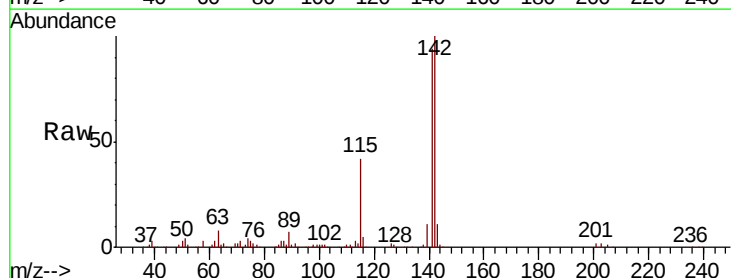
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

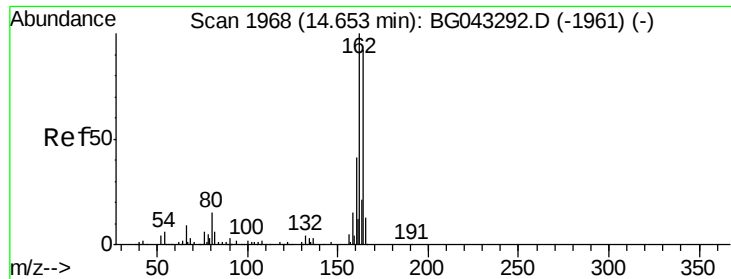
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.1	72.2	108.2
115	40.4	33.2	49.8



#38
1-Methylnaphthalene
Concen: 47.356 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.2	109.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

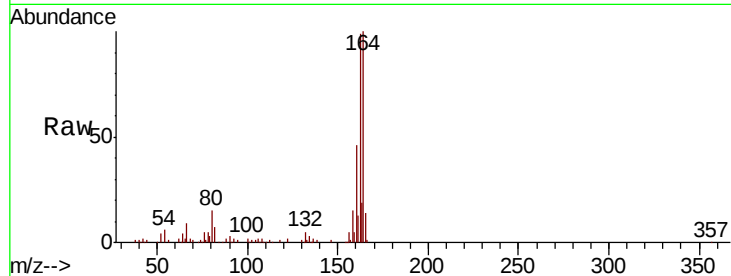
Tot Ion:164 Resp: 80255

Ion Ratio Lower Upper

164 100

162 99.4 83.5 125.3

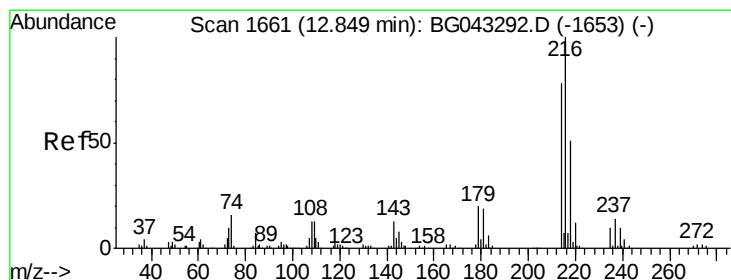
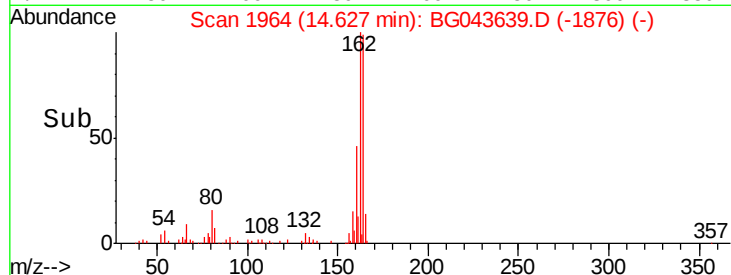
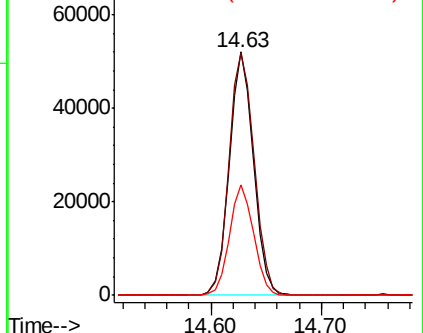
160 45.6 36.5 54.7



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: 46.288 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:216 Resp: 137482

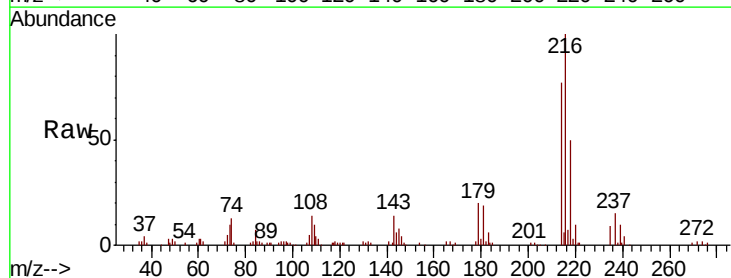
Ion Ratio Lower Upper

216 100

214 75.9 61.7 92.5

179 19.1 15.8 23.8

108 15.1 11.5 17.3

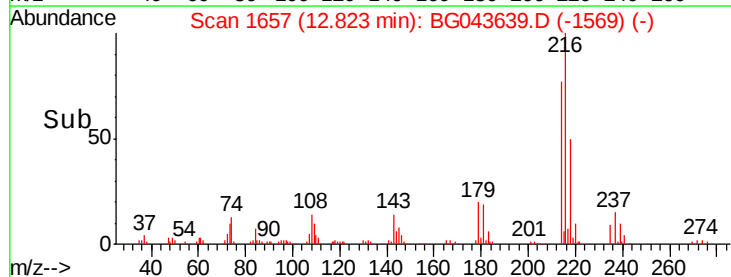
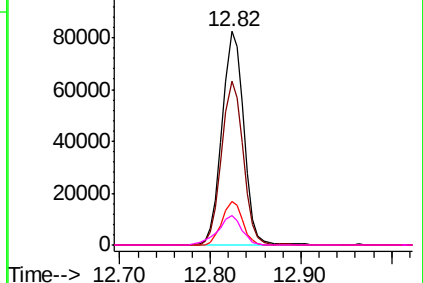


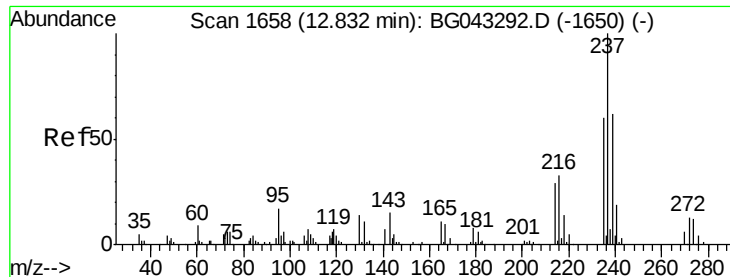
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.105 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

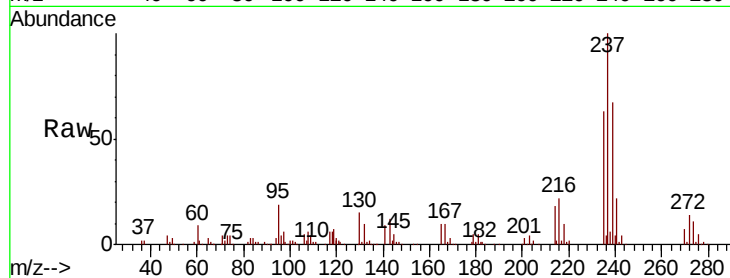
Tot Ion:237 Resp: 124981

Ion Ratio Lower Upper

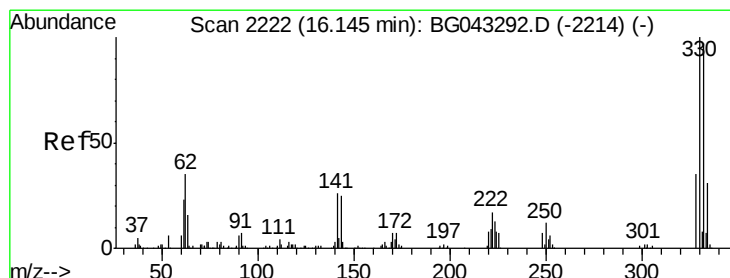
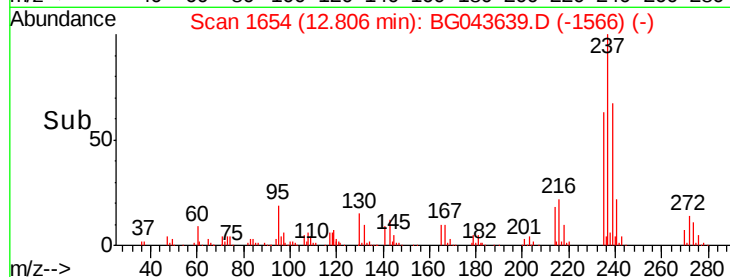
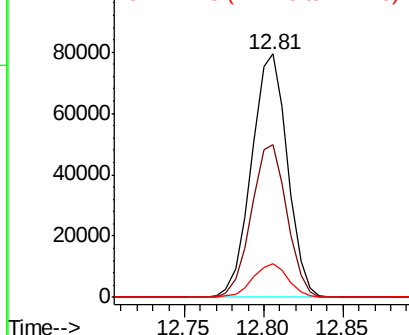
237 100

235 62.9 41.6 81.6

272 13.6 0.0 32.5



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: 147.943 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

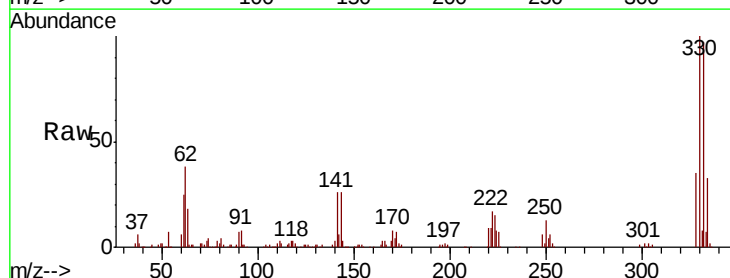
Tgt Ion:330 Resp: 225947

Ion Ratio Lower Upper

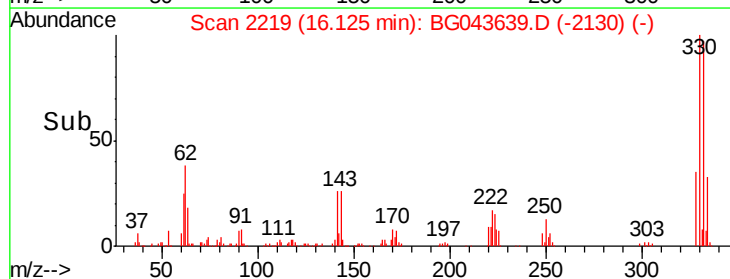
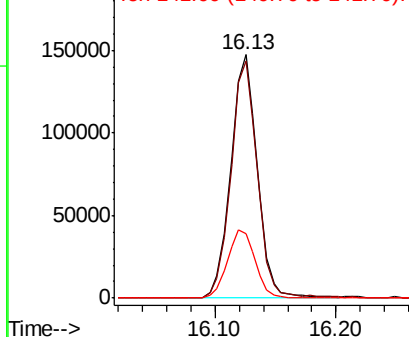
330 100

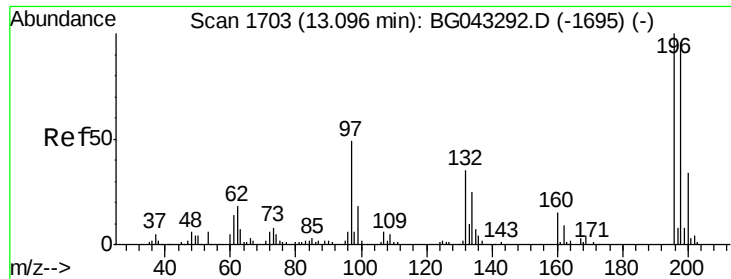
332 97.4 77.4 116.0

141 29.4 22.8 34.2



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

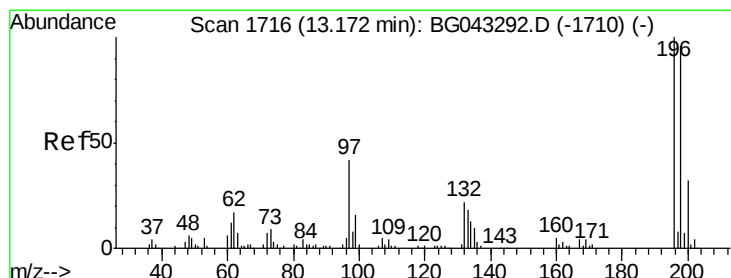
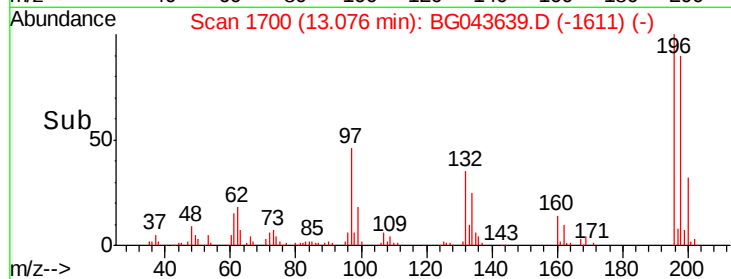
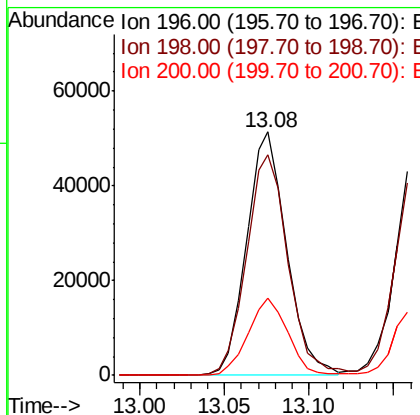
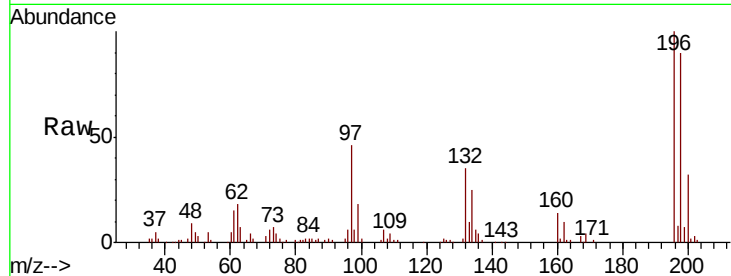




#43
 2,4,6-Trichlorophenol
 Concen: 48.269 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

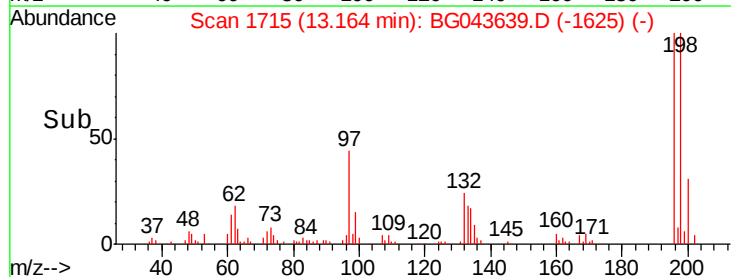
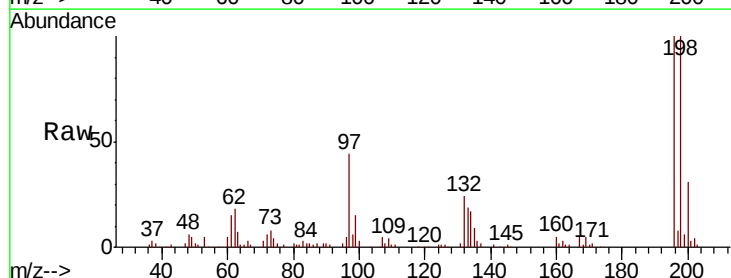
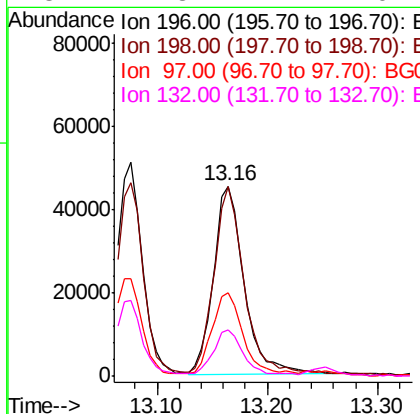
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

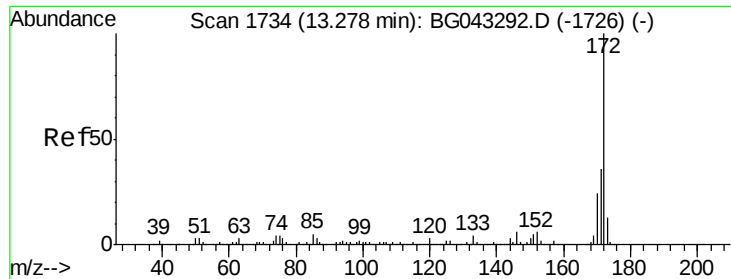
Tot Ion:196 Resp: 84428
 Ion Ratio Lower Upper
 196 100
 198 90.4 75.8 113.6
 200 31.8 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 49.252 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion:196 Resp: 87094
 Ion Ratio Lower Upper
 196 100
 198 99.7 74.5 111.7
 97 43.9 36.3 54.5
 132 24.3 17.4 26.2

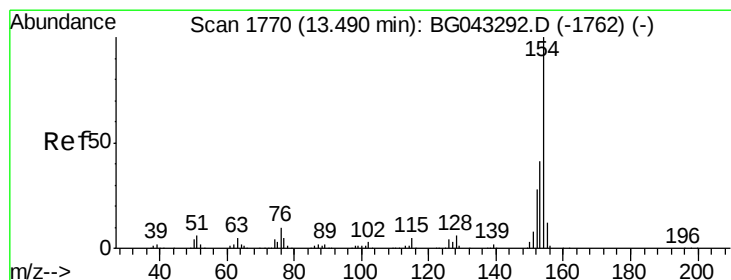
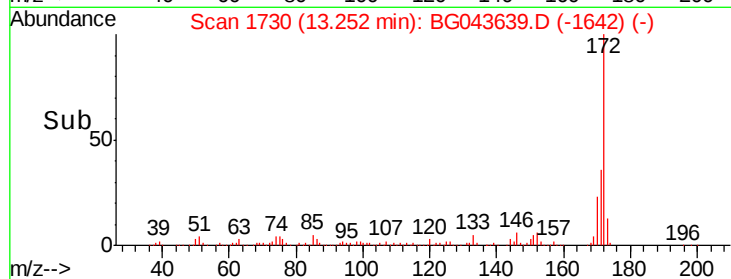
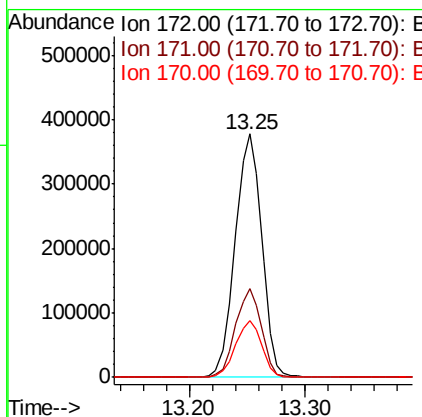
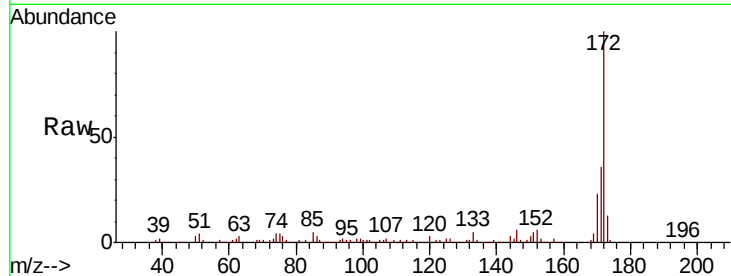




#45
 2-Fluorobiphenyl
 Concen: 103.972 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

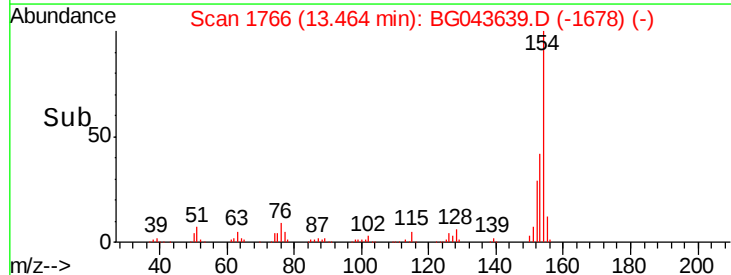
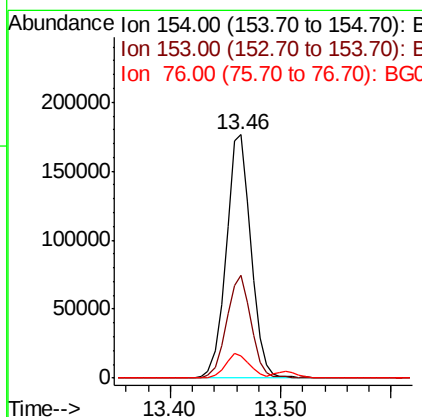
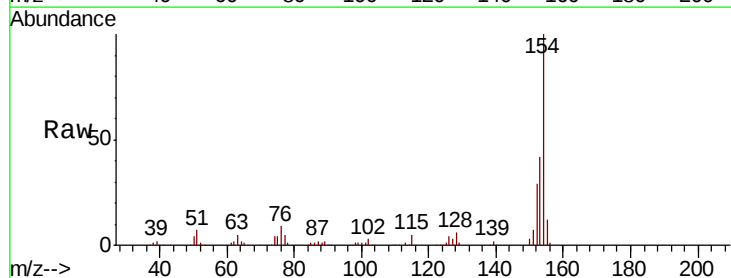
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

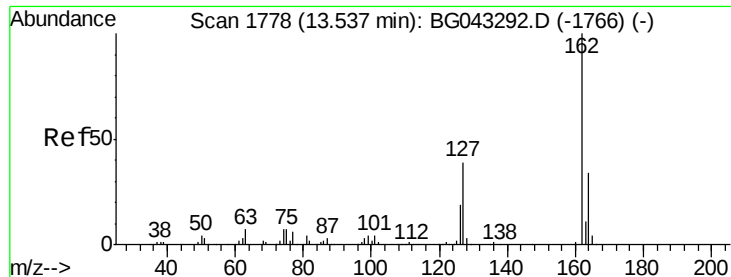
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.4	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 45.367 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.9	59.9
76	9.1	0.0	29.4

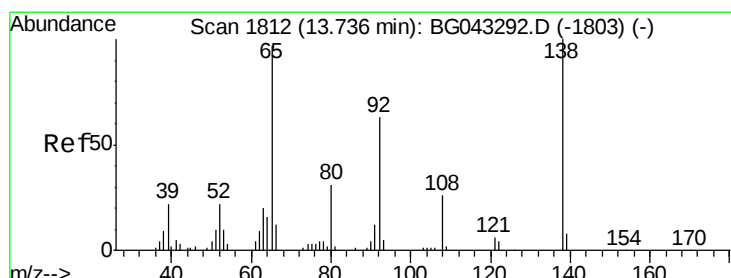
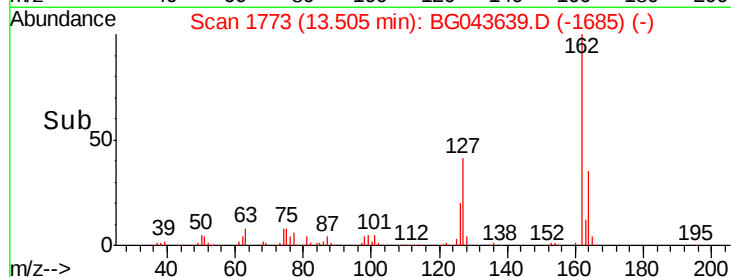
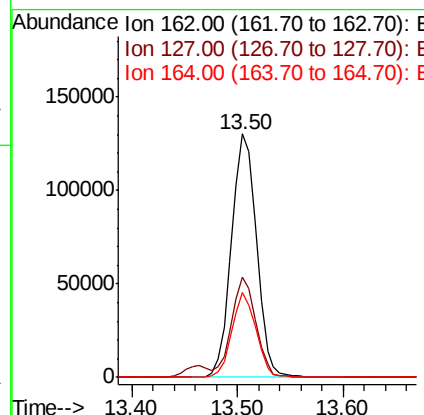
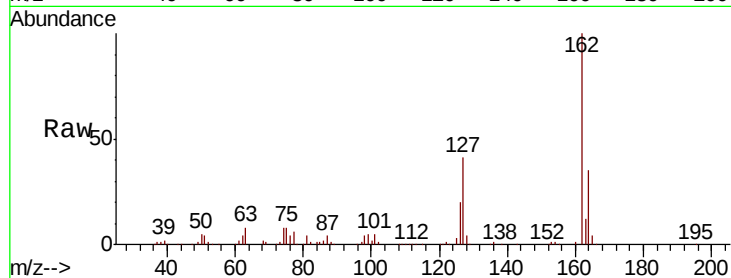




#47
2-Chloronaphthalene
Concen: 46.083 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

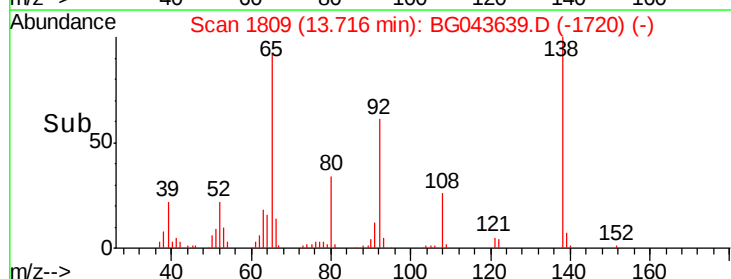
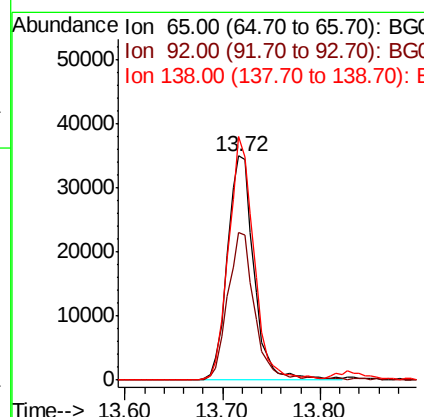
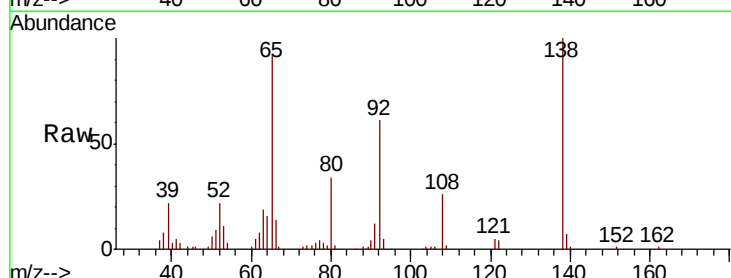
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

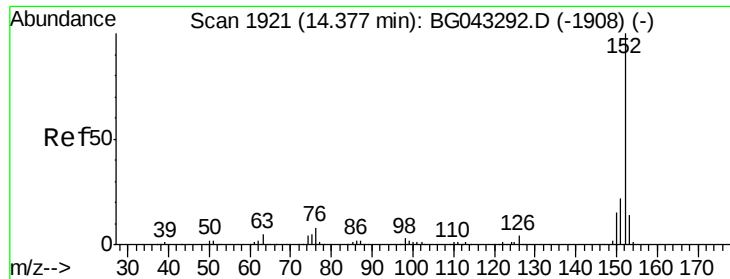
Tot Ion:162 Resp: 214073
Ion Ratio Lower Upper
162 100
127 40.9 31.2 46.8
164 35.1 25.8 38.8



#48
2-Nitroaniline
Concen: 47.626 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion: 65 Resp: 66125
Ion Ratio Lower Upper
65 100
92 66.0 56.2 84.2
138 108.6 82.6 123.8





#49

Acenaphthylene

Concen: 48.934 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

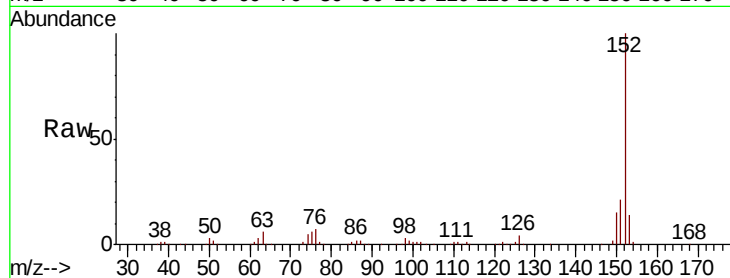
Tot Ion:152 Resp: 353789

Ion Ratio Lower Upper

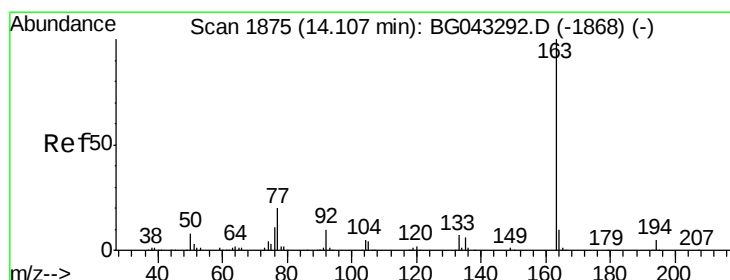
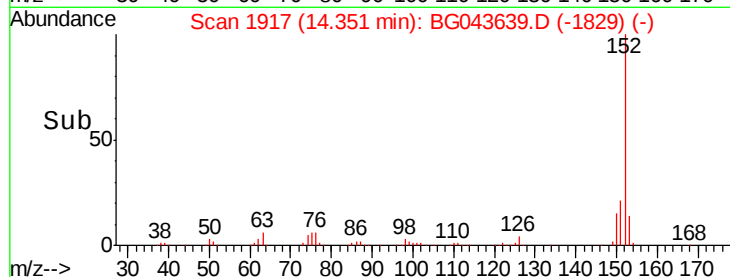
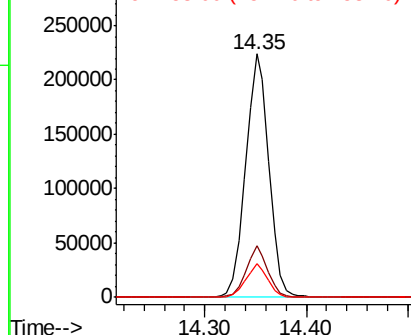
152 100

151 20.9 16.2 24.4

153 13.6 10.6 15.8



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: 59.175 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

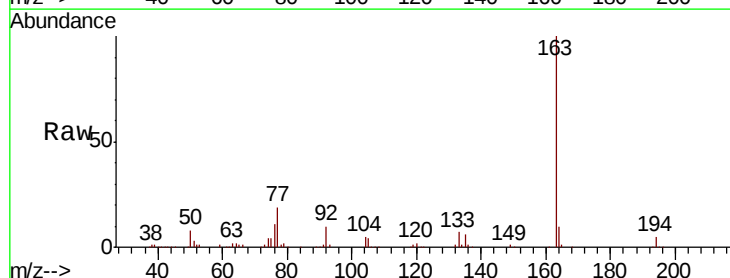
Tgt Ion:163 Resp: 367851

Ion Ratio Lower Upper

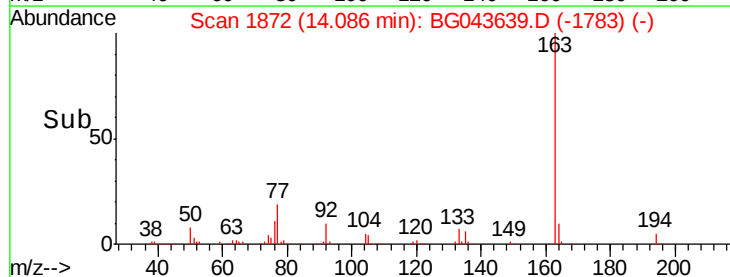
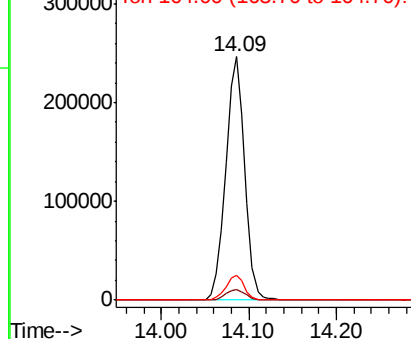
163 100

194 4.6 3.8 5.6

164 10.4 8.9 13.3



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: 48.206 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

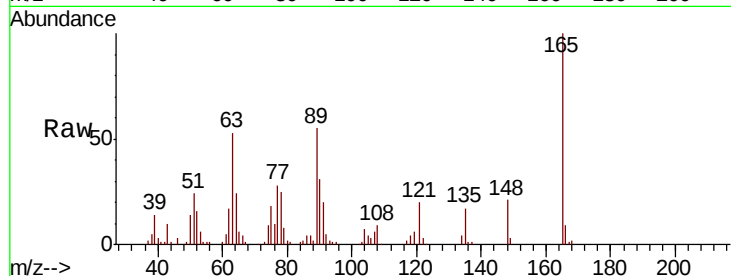
Tot Ion:165 Resp: 65101

Ion Ratio Lower Upper

165 100

63 53.5 46.6 69.8

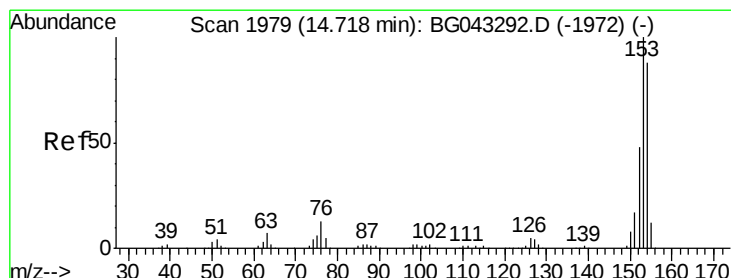
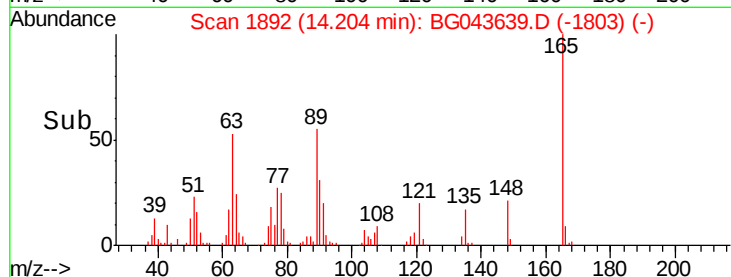
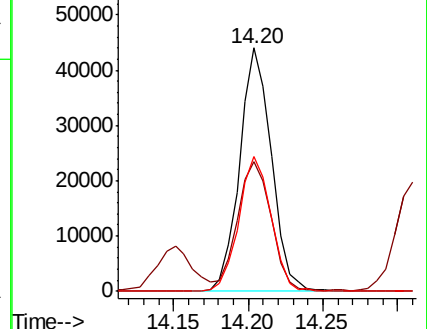
89 55.4 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.269 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

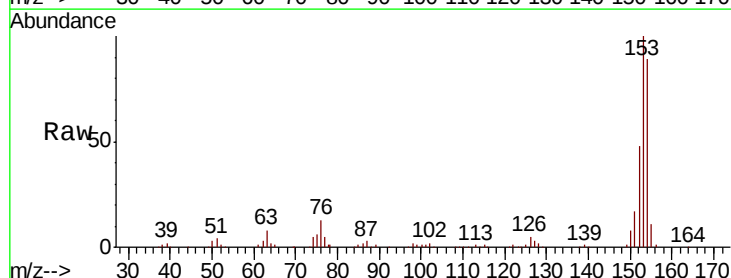
Tgt Ion:154 Resp: 208409

Ion Ratio Lower Upper

154 100

153 112.0 88.2 132.2

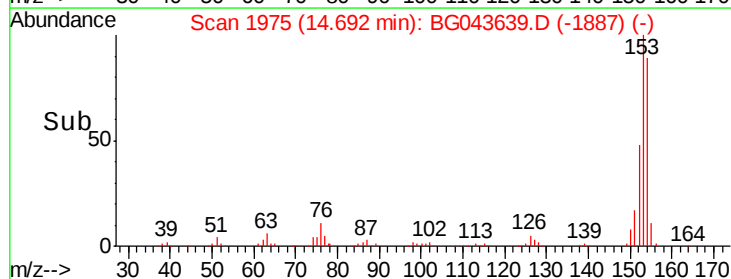
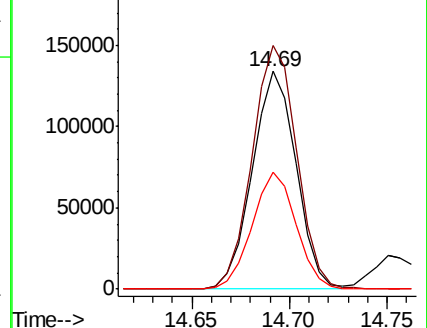
152 53.5 40.0 60.0

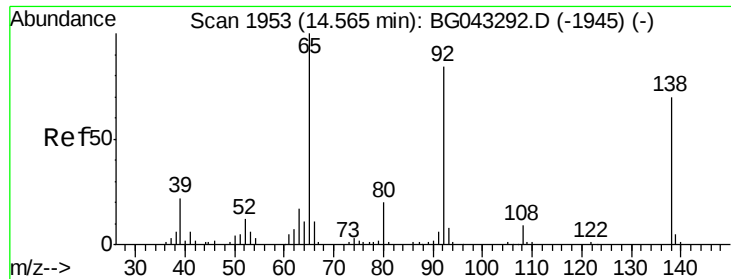


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.718 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampled :

8-(8-10)MS

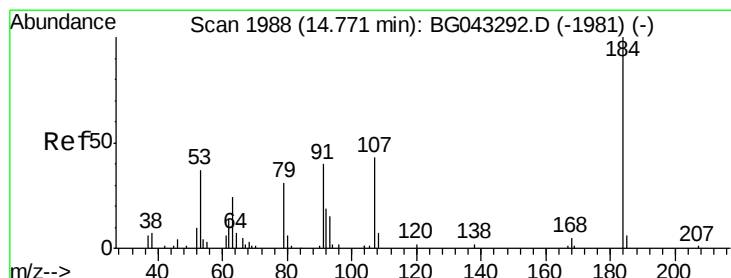
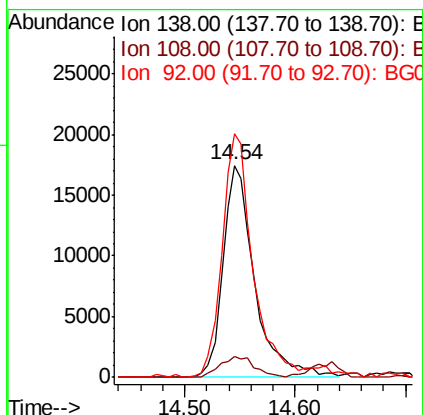
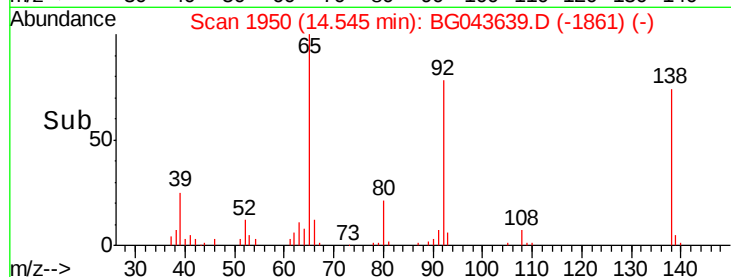
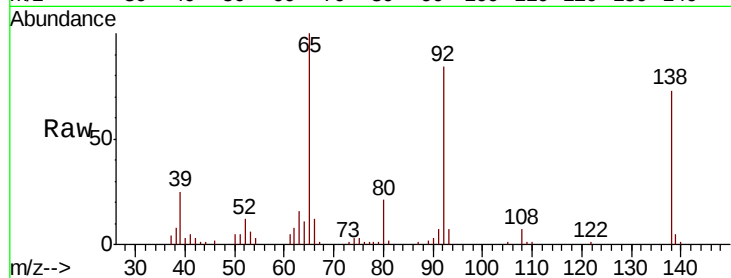
Tot Ion:138 Resp: 34837

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

92 114.9 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 73.101 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

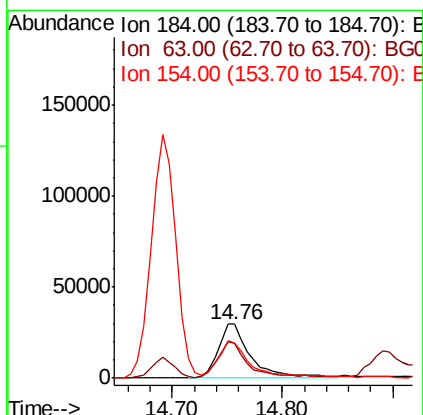
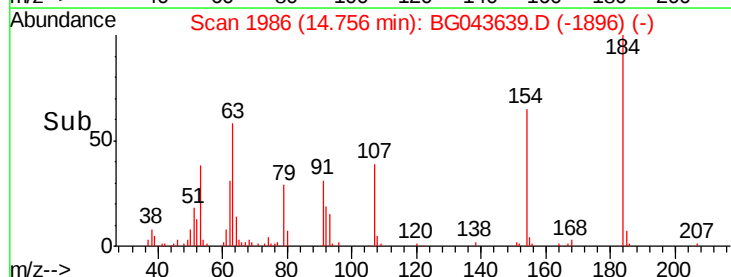
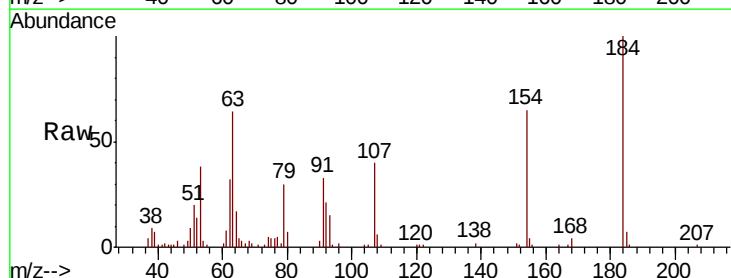
Tgt Ion:184 Resp: 61064

Ion Ratio Lower Upper

184 100

63 63.9 51.3 76.9

154 65.3 55.4 83.0

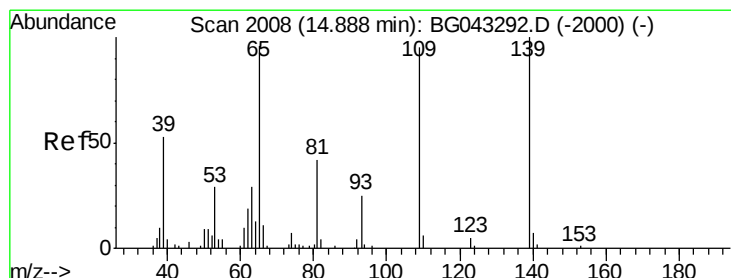
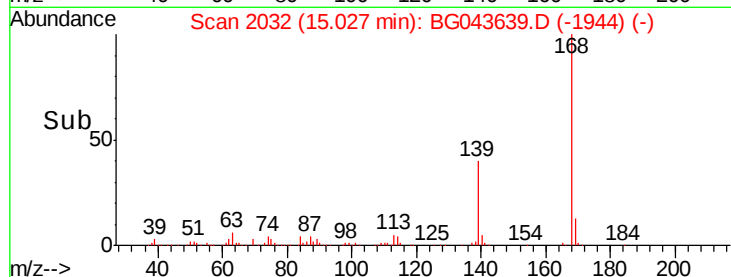
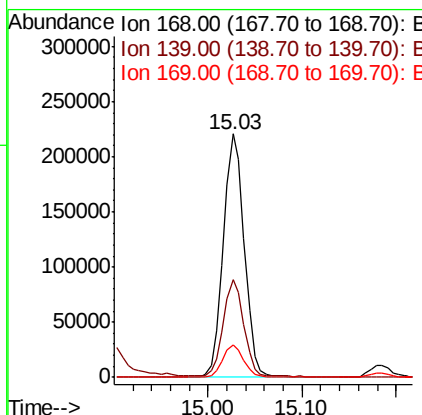
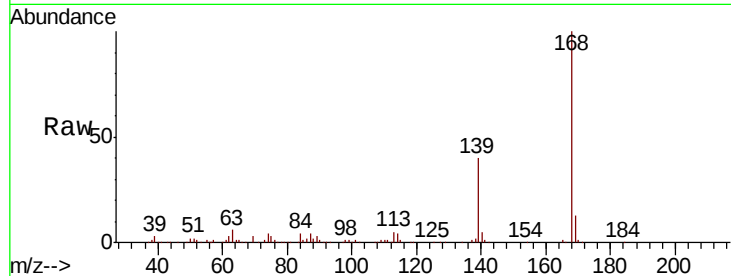




#55
Dibenzofuran
Concen: 48.046 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

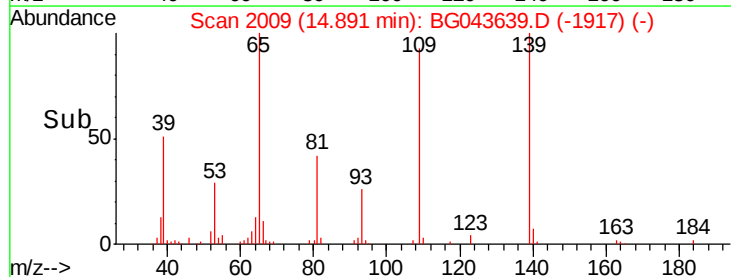
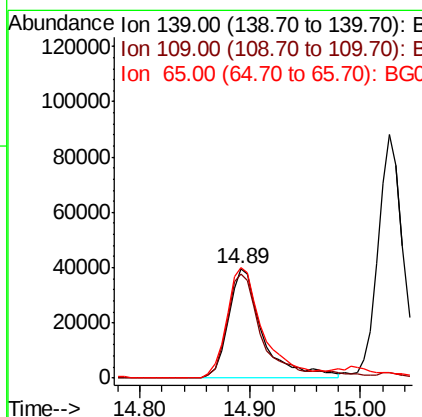
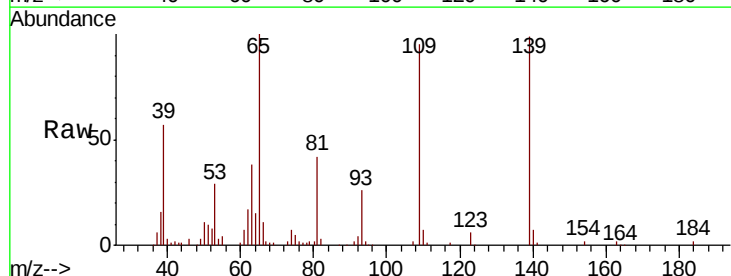
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

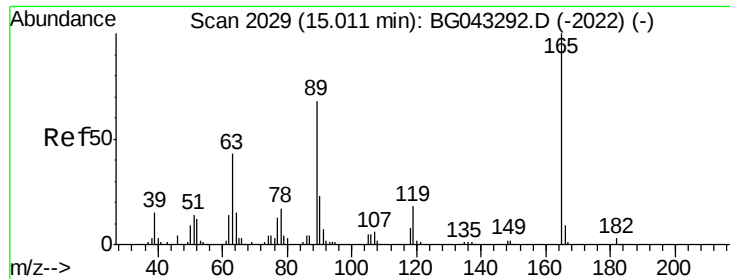
Tot Ion:168 Resp: 343524
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.6
169 13.1 11.7 17.5



#56
4-Nitrophenol
Concen: 98.182 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:139 Resp: 85787
Ion Ratio Lower Upper
139 100
109 95.7 87.2 127.2
65 100.7 83.8 123.8

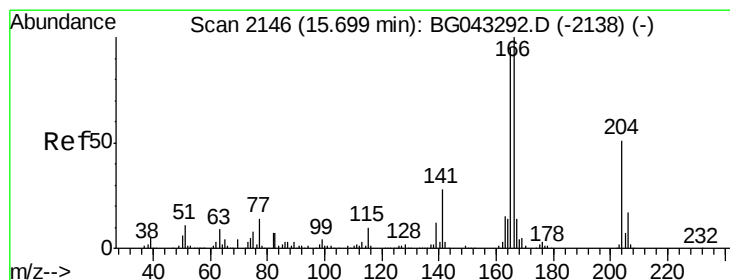
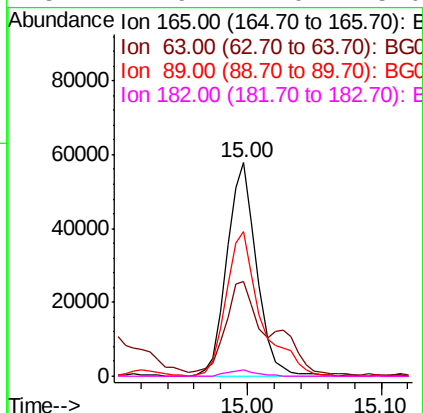
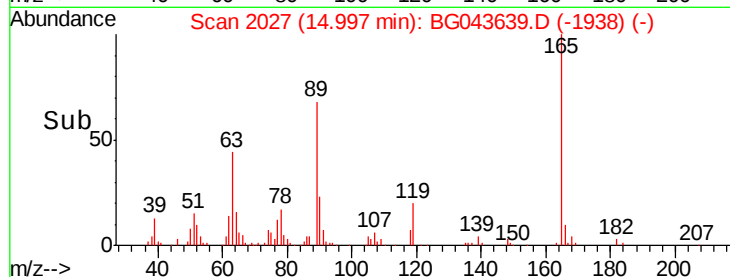
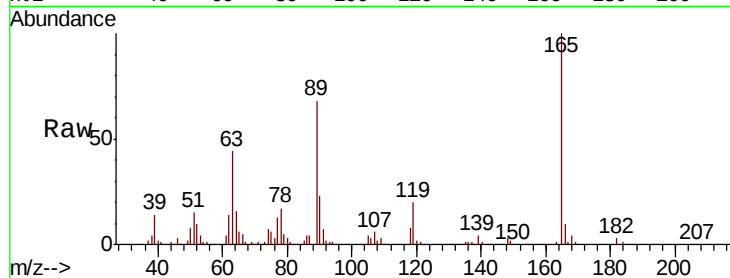




#57
 2,4-Dinitrotoluene
 Concen: 46.756 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

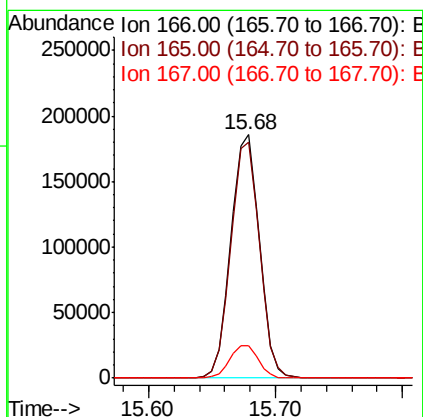
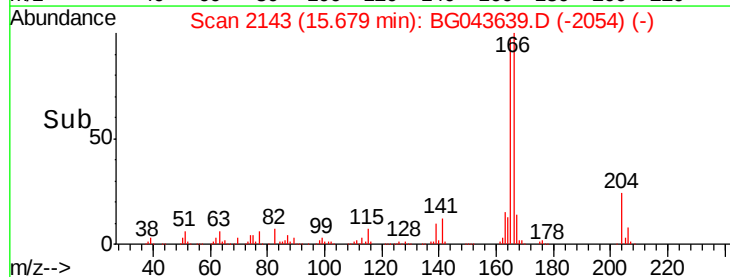
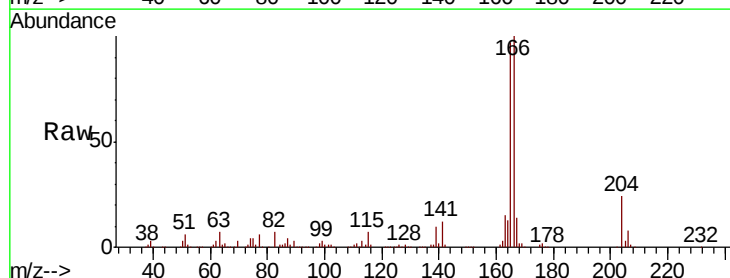
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

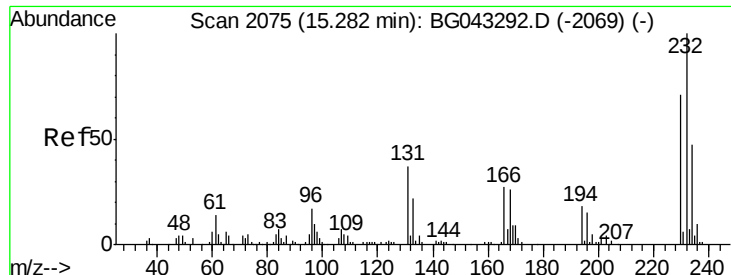
Tot Ion:165	Resp:	90238
Ion	Ratio	Lower Upper
165	100	
63	44.3	33.2 49.8
89	67.8	52.2 78.4
182	2.9	2.0 3.0



#58
 Fluorene
 Concen: 48.210 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion:166	Resp:	289104
Ion	Ratio	Lower Upper
166	100	
165	96.9	79.0 118.6
167	13.6	10.5 15.7

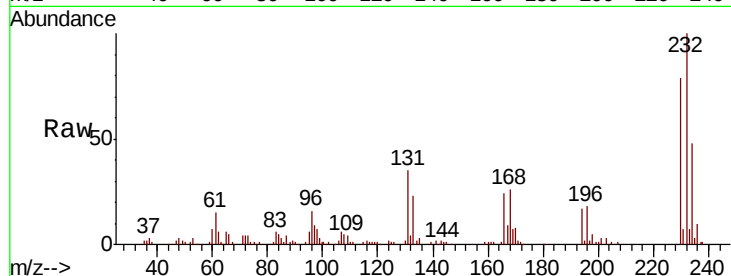




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.587 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Tot Ion:	232	Resp:	85647
Ion	Ratio	Lower	Upper
232	100		
131	39.0	26.9	40.3
130	2.3	1.8	2.6
166	26.5	20.9	31.3



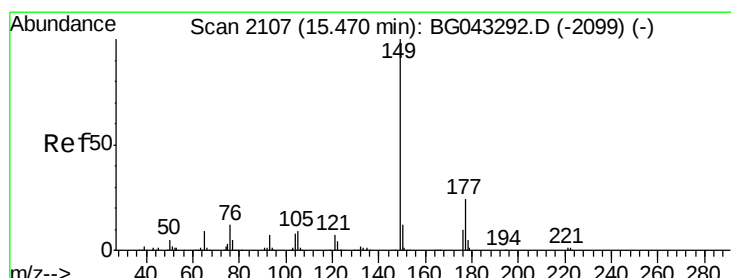
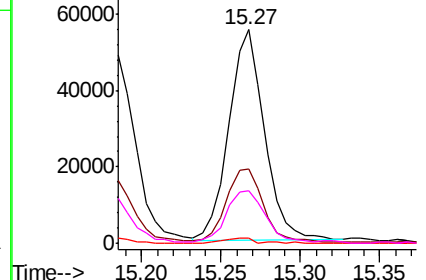
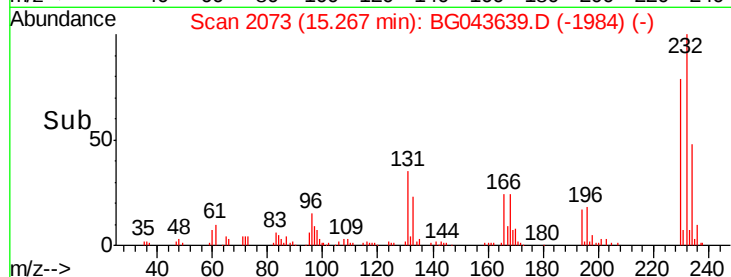
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

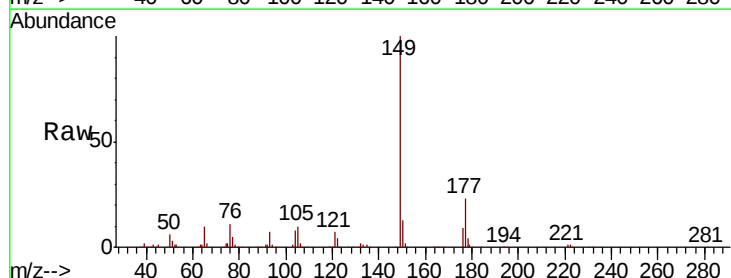
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.709 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion:	149	Resp:	285502
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.6	29.4
150	13.0	10.8	16.2

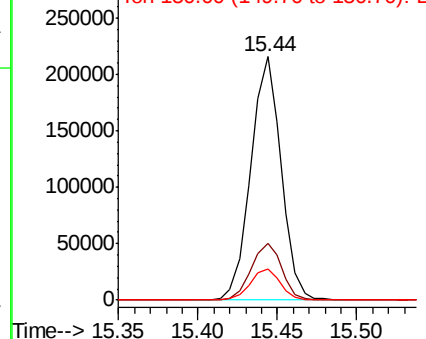
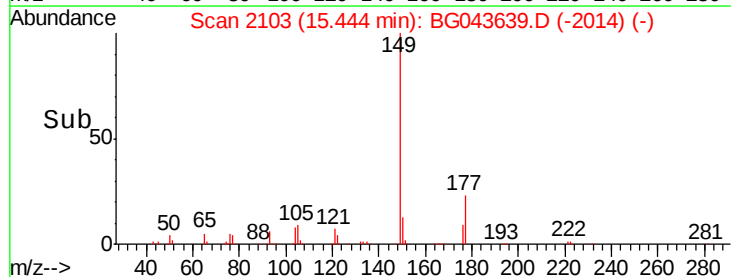


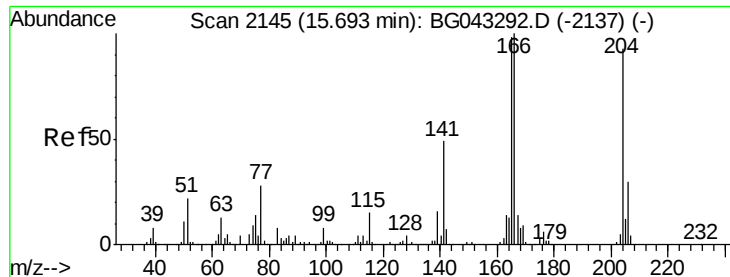
Abundance

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: 46.790 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

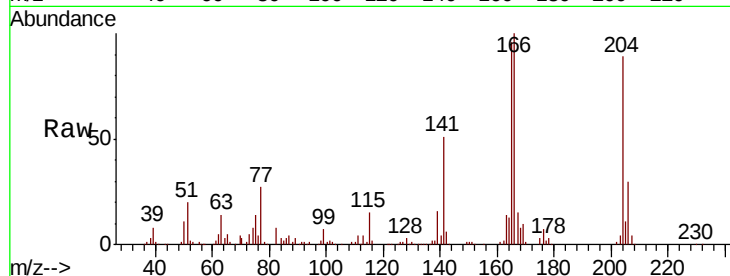
Tot Ion:204 Resp: 163688

Ion Ratio Lower Upper

204 100

206 34.2 28.4 42.6

141 57.6 43.0 64.6

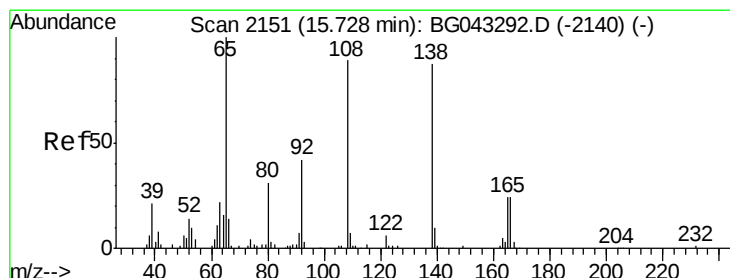
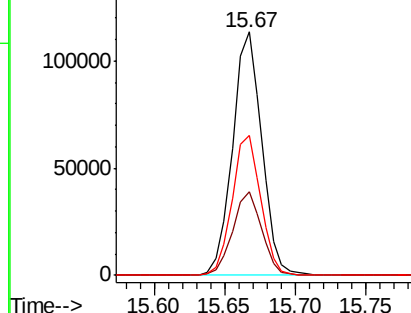
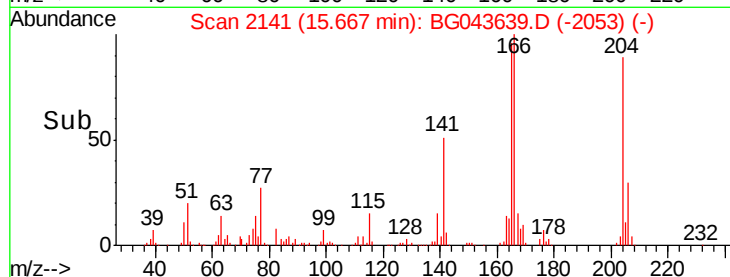


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.796 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

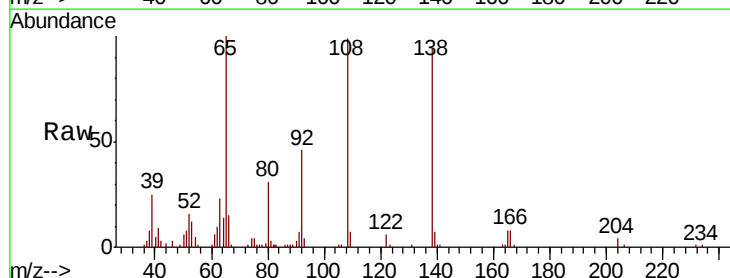
Tgt Ion:138 Resp: 60320

Ion Ratio Lower Upper

138 100

92 49.0 33.4 73.4

108 105.2 78.0 118.0

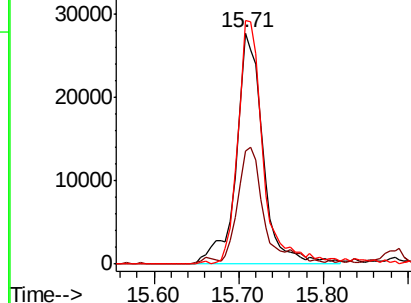
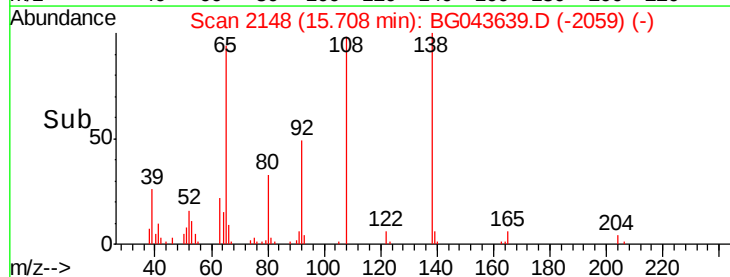


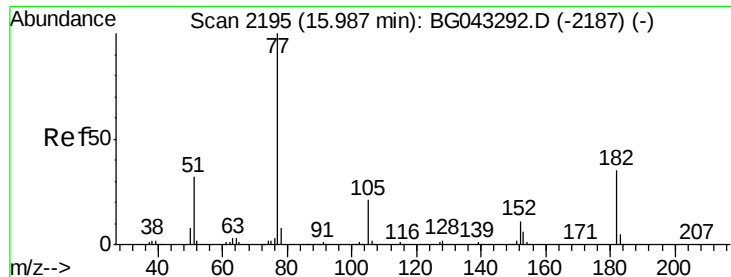
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

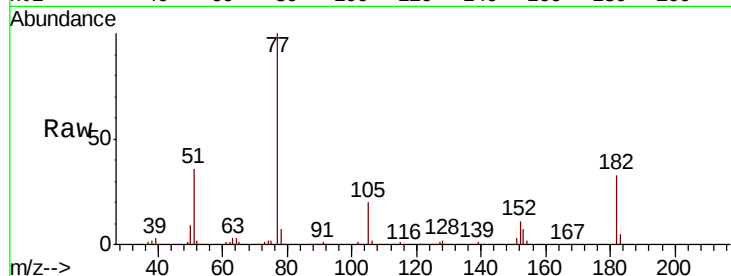




#63
Azobenzene
Concen: 47.800 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.3	13.7	53.7
105	19.7	0.4	40.4
51	36.0	11.0	51.0



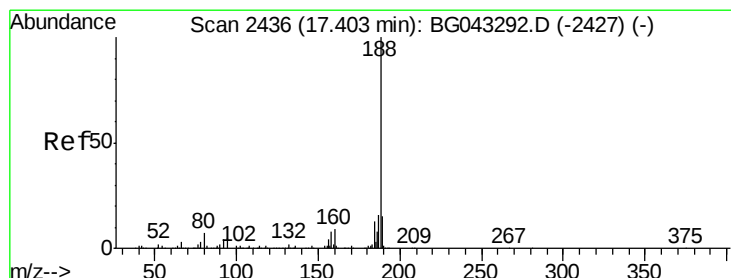
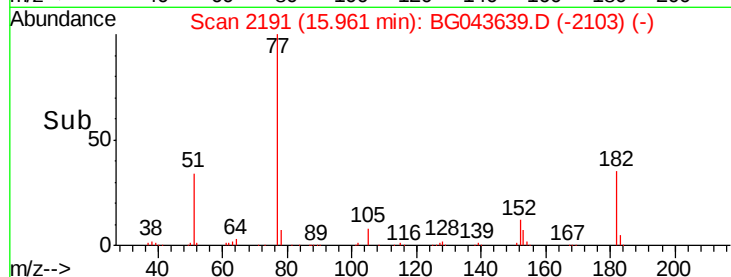
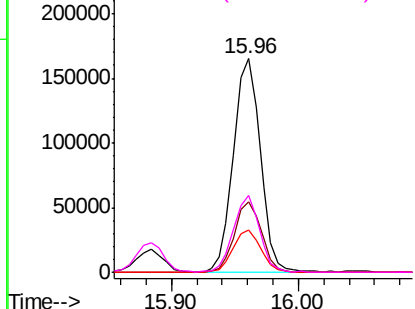
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

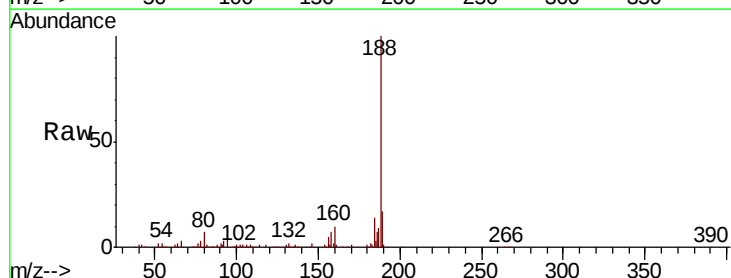
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.4
80	6.9	4.5	6.7#

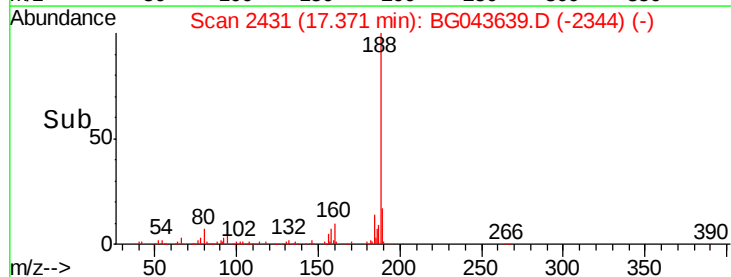
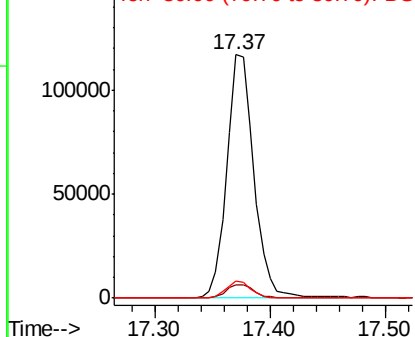


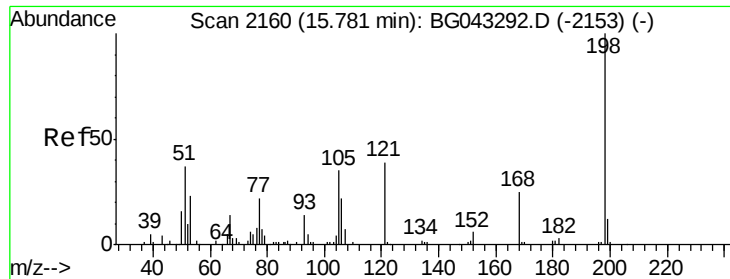
Abundance

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: 47.656 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

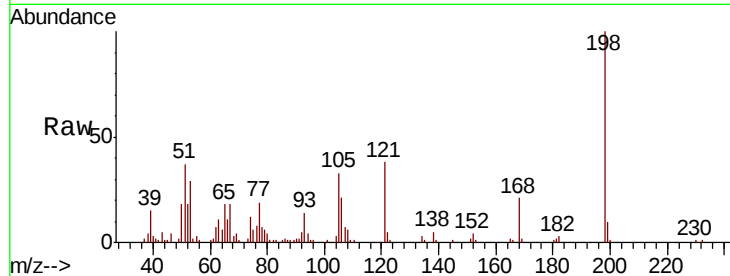
Tot Ion:198 Resp: 53363

Ion Ratio Lower Upper

198 100

51 37.2 13.2 53.2

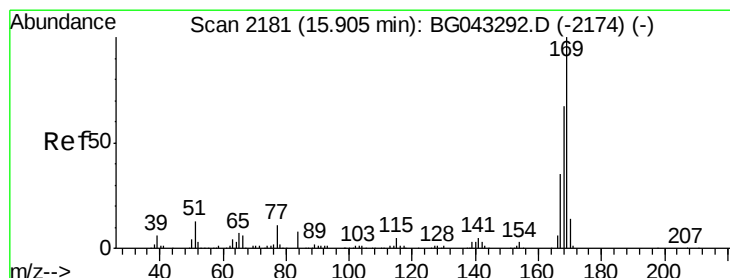
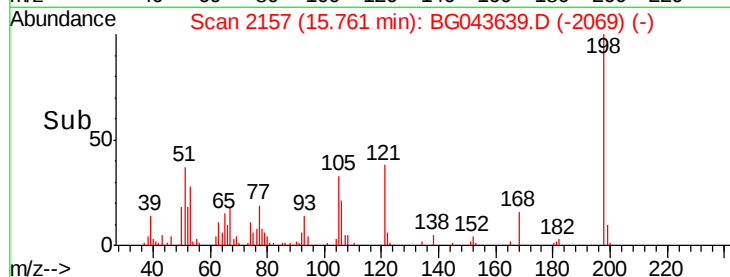
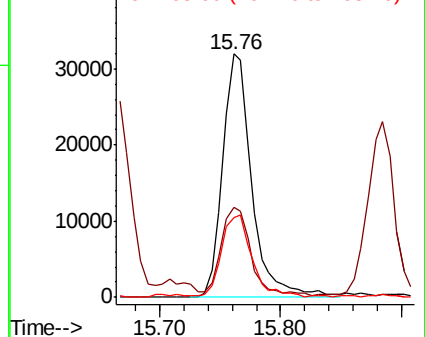
105 32.6 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.486 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

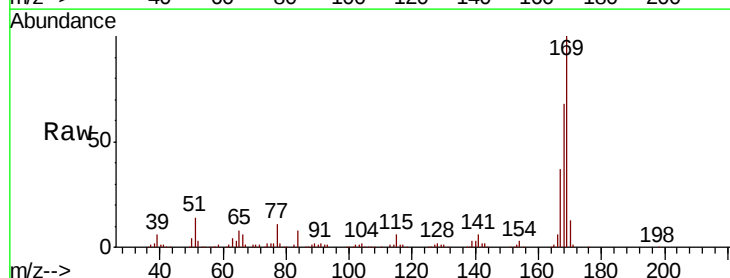
Tgt Ion:169 Resp: 255085

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

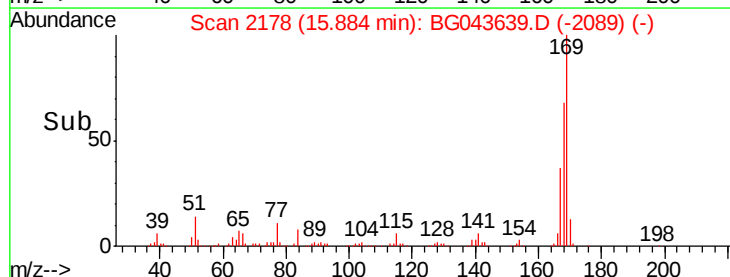
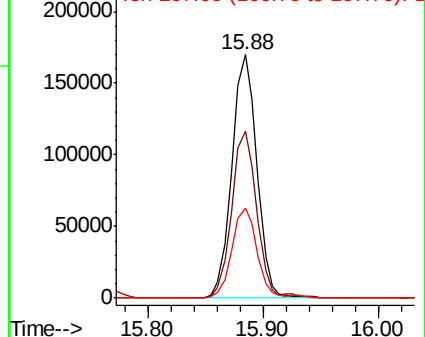
167 37.0 27.5 41.3



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

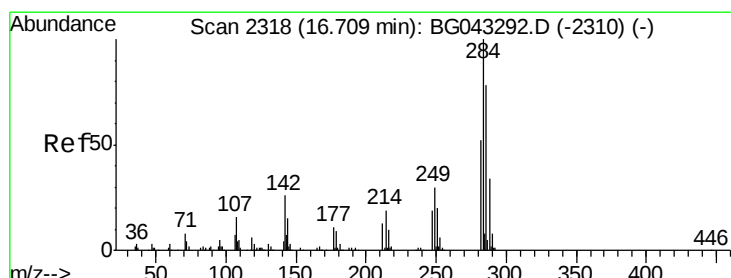
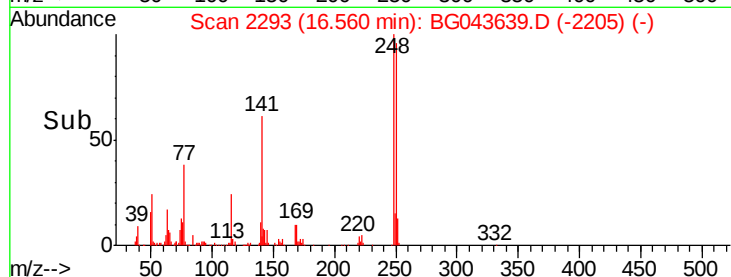
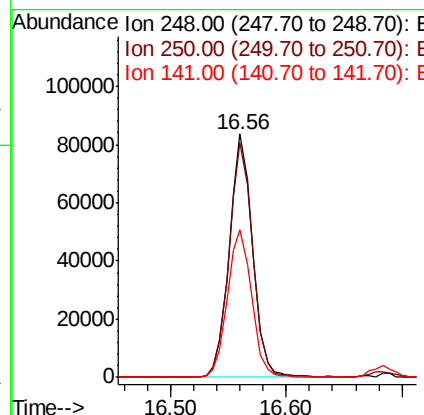
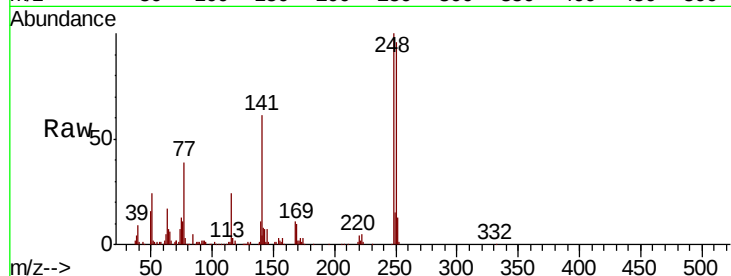




#67
4-Bromophenyl-phenylether
Concen: 45.642 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

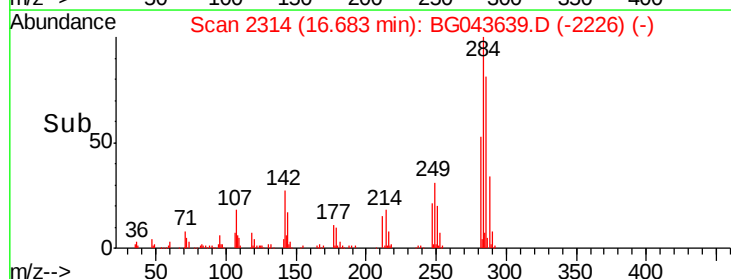
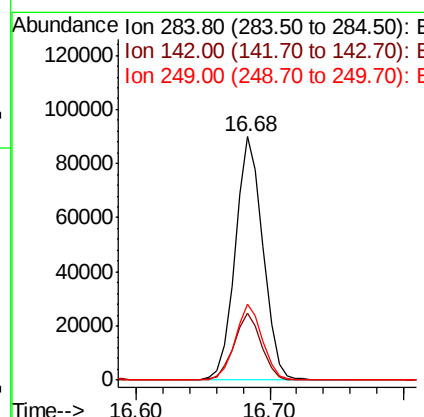
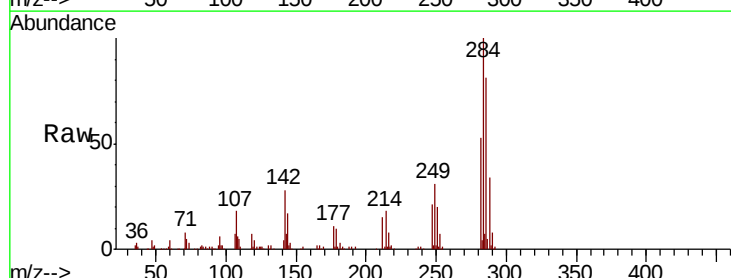
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:248 Resp: 116871
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 60.6 47.5 71.3



#68
Hexachlorobenzene
Concen: 44.032 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:284 Resp: 129421
Ion Ratio Lower Upper
284 100
142 27.6 19.8 29.8
249 31.3 23.8 35.6





#69

Atrazine

Concen: 58.715 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampled :

8-(8-10)MS

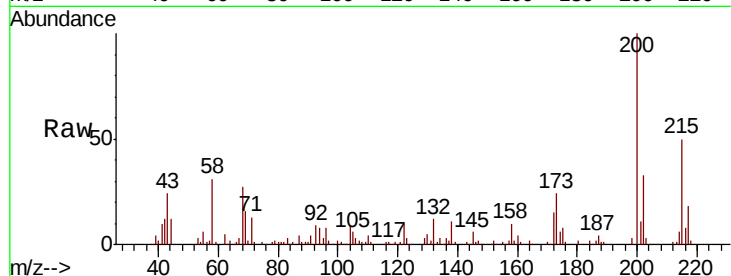
Tot Ion:200 Resp: 109597

Ion Ratio Lower Upper

200 100

173 24.3 4.7 44.7

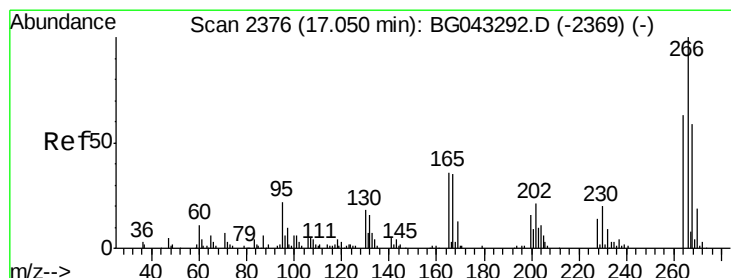
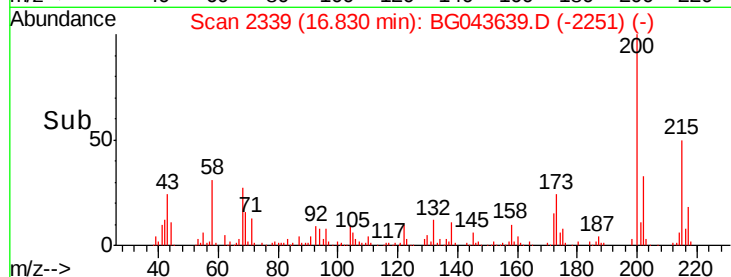
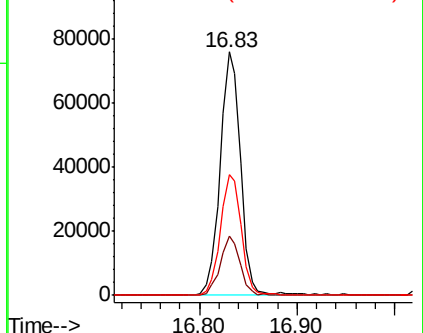
215 49.7 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.105 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

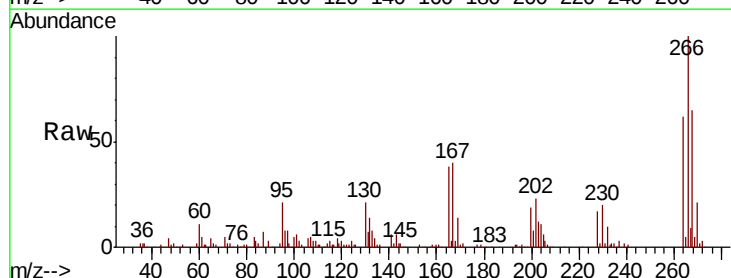
Tgt Ion:266 Resp: 105946

Ion Ratio Lower Upper

266 100

268 65.2 50.4 75.6

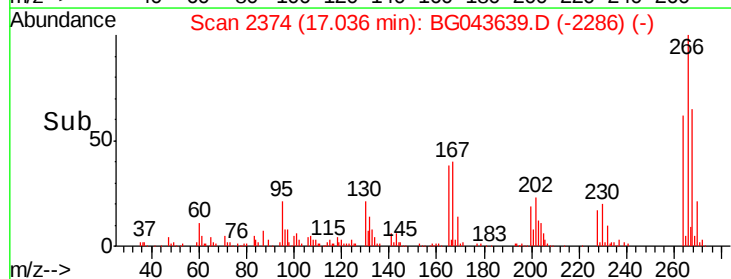
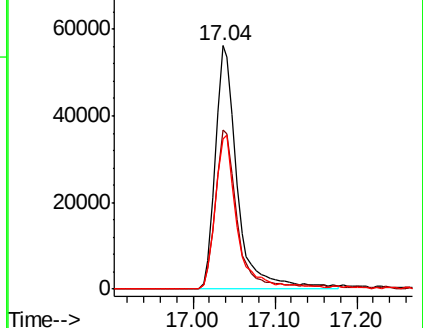
264 61.5 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

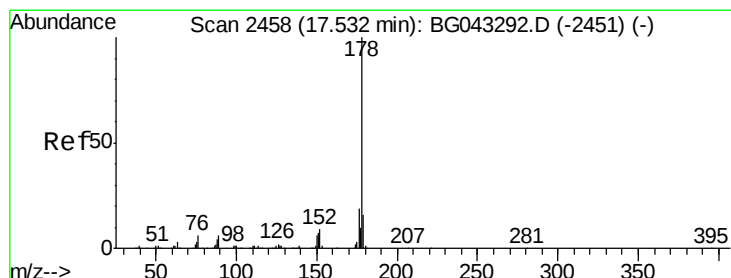
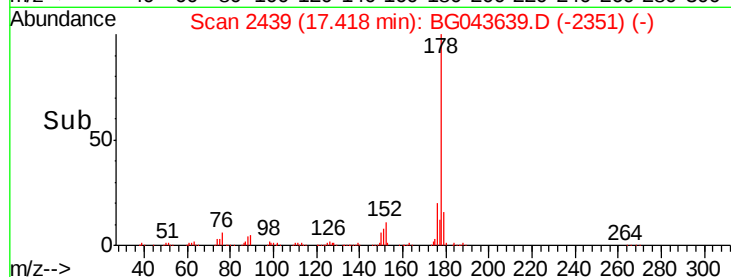
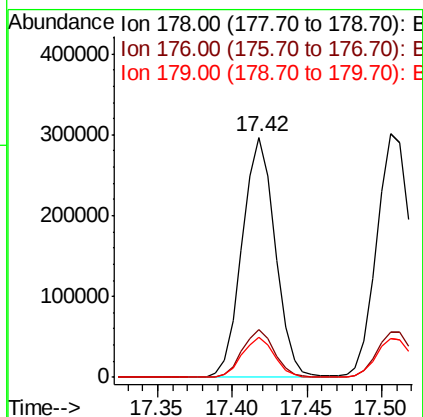
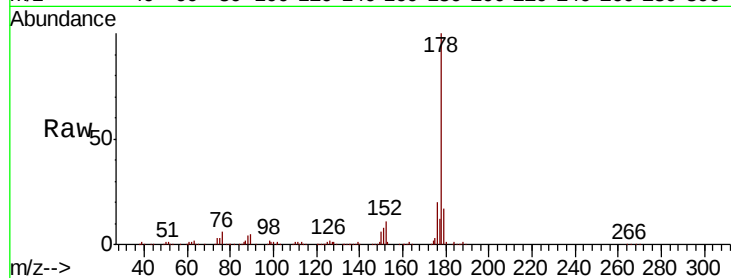




#71
Phenanthrene
Concen: 46.889 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

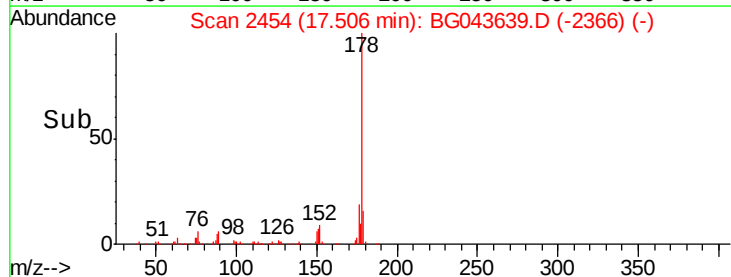
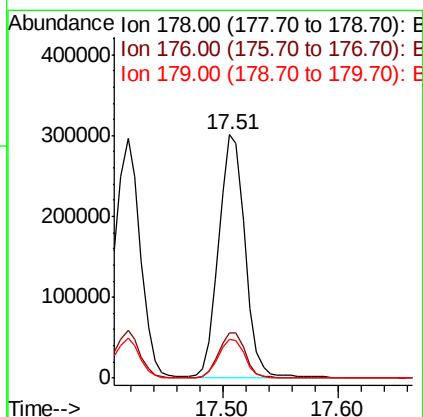
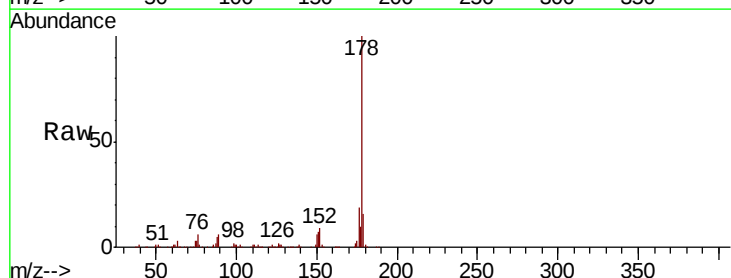
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:178 Resp: 456850
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.6 13.0 19.6



#72
Anthracene
Concen: 48.692 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:178 Resp: 474667
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.9 13.7 20.5





#73

Carbazole

Concen: 48.032 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

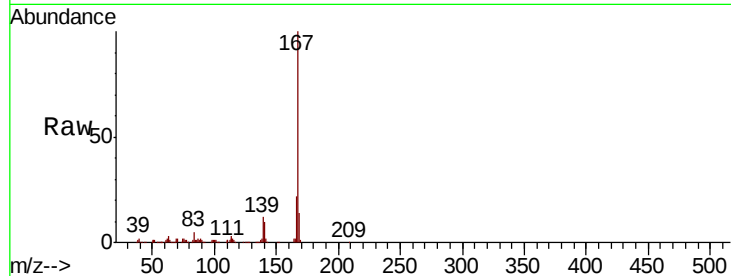
Tot Ion:167 Resp: 424016

Ion Ratio Lower Upper

167 100

166 22.3 18.7 28.1

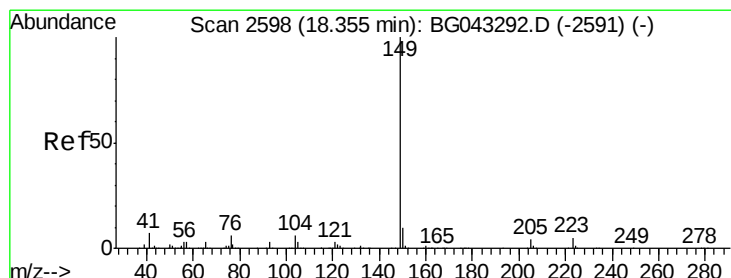
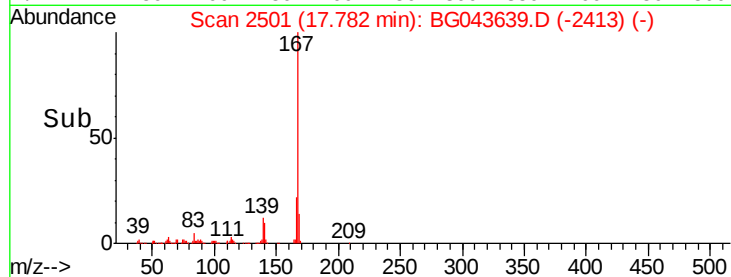
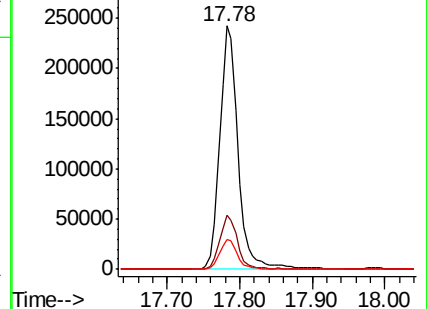
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.315 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

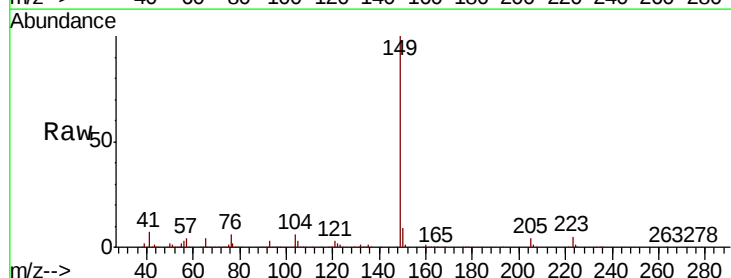
Tgt Ion:149 Resp: 496091

Ion Ratio Lower Upper

149 100

150 9.2 8.0 12.0

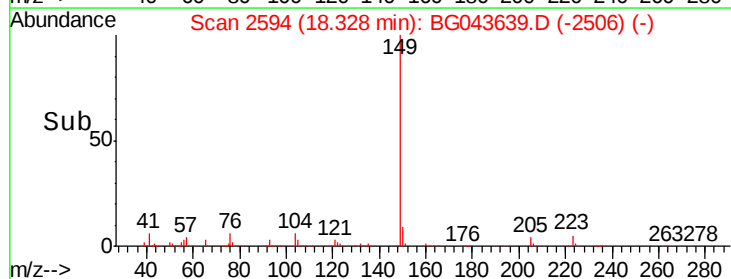
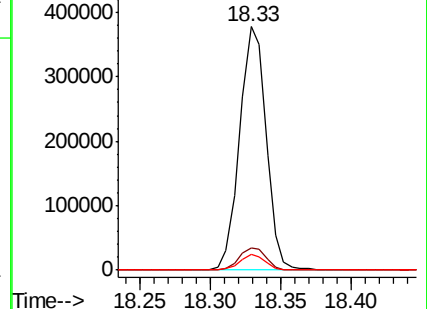
104 6.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.536 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

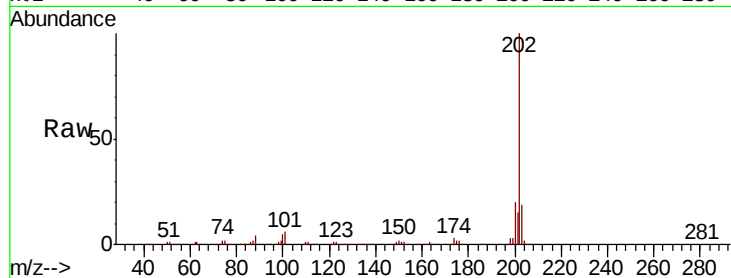
Tot Ion:202 Resp: 603812

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.3

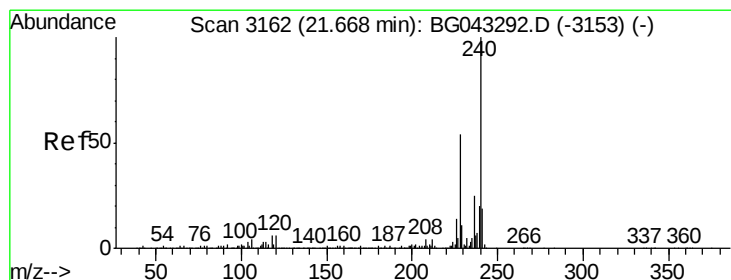
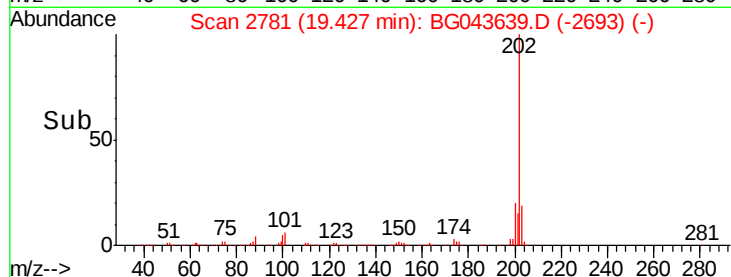
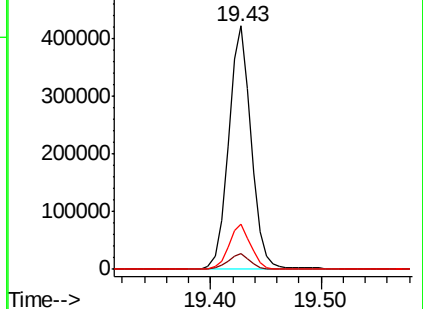
203 18.6 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

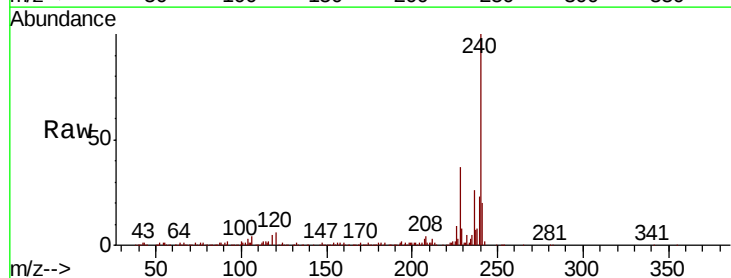
Tgt Ion:240 Resp: 205682

Ion Ratio Lower Upper

240 100

120 5.5 4.6 6.8

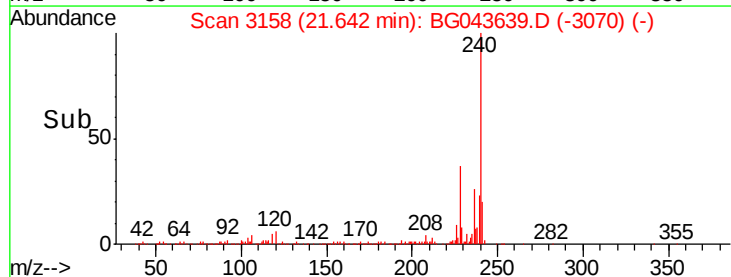
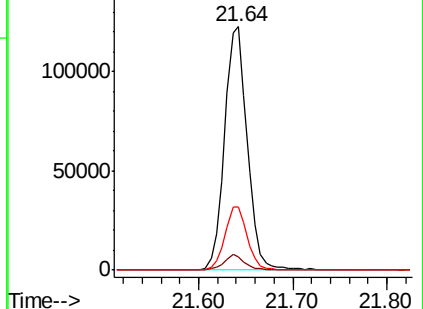
236 25.7 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

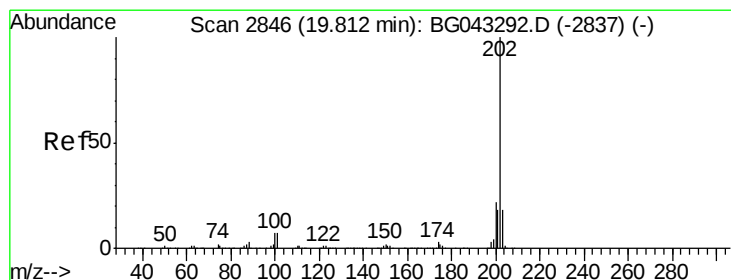
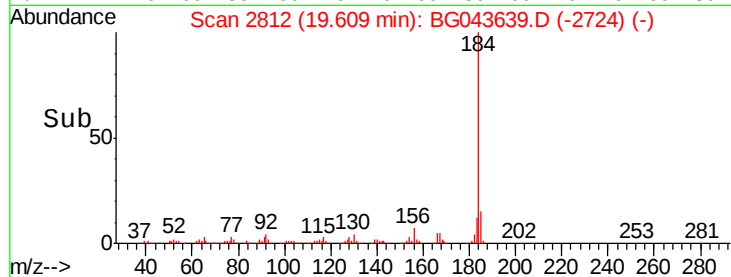
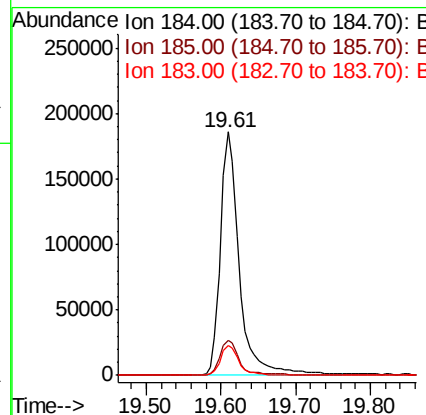
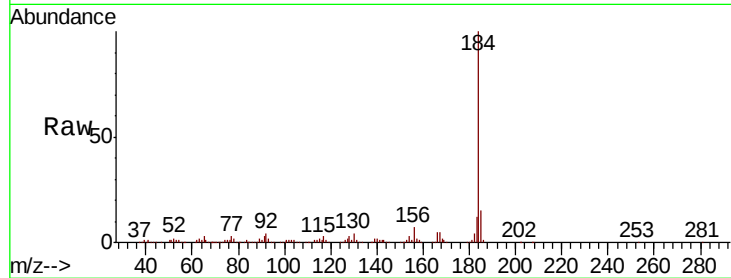




#77
Benzidine
Concen: 79.446 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

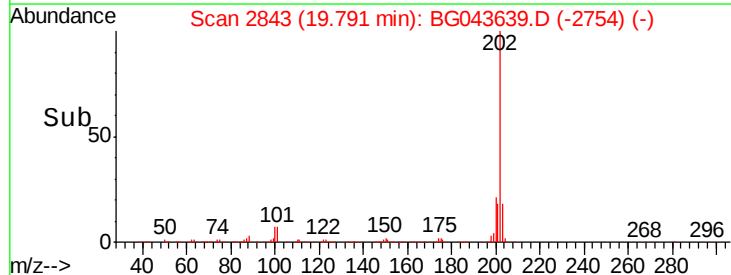
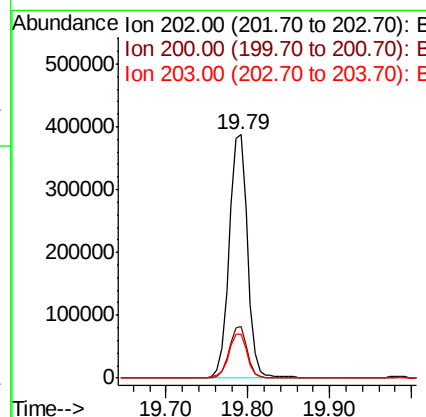
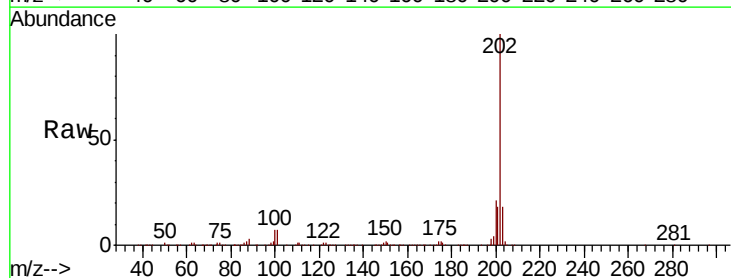
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:184 Resp: 328858
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 12.2 10.0 15.0



#78
Pyrene
Concen: 47.475 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:202 Resp: 604423
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.2 14.7 22.1





#79

Terphenyl-d14

Concen: 103.366 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampled :

8-(8-10)MS

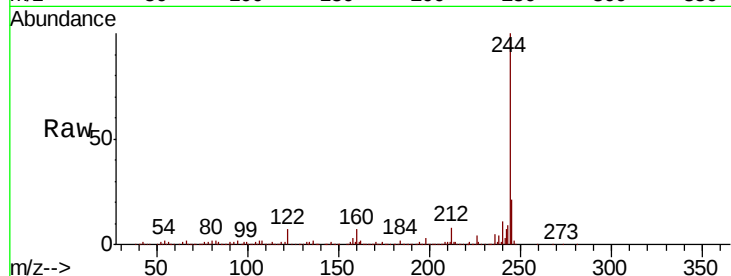
Tot Ion:244 Resp: 1133252

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

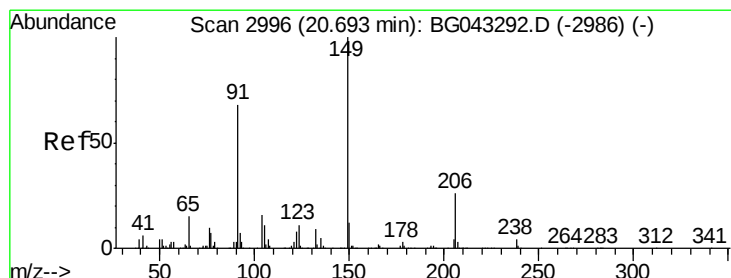
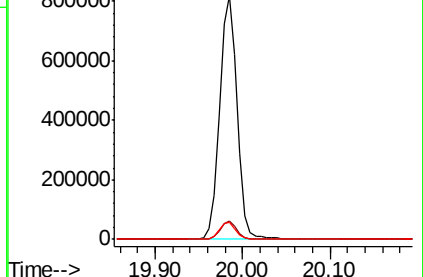
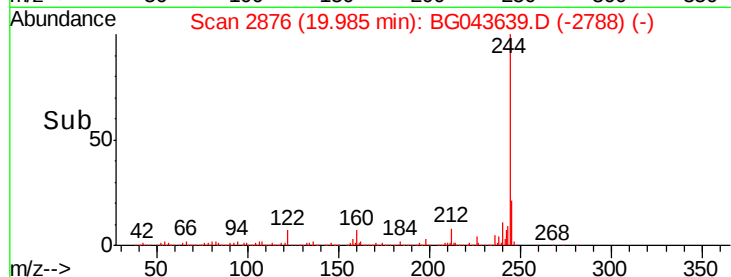
122 6.9 5.4 8.2



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: 47.486 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

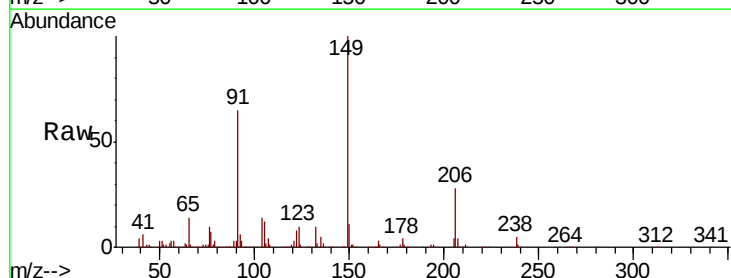
Tgt Ion:149 Resp: 229048

Ion Ratio Lower Upper

149 100

91 64.7 51.2 76.8

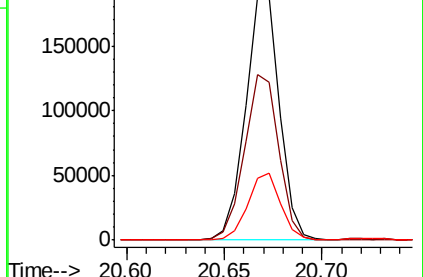
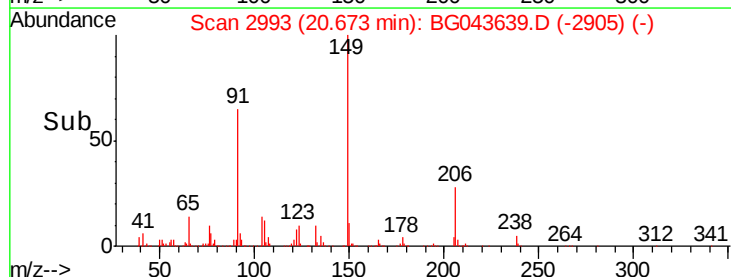
206 27.6 22.5 33.7

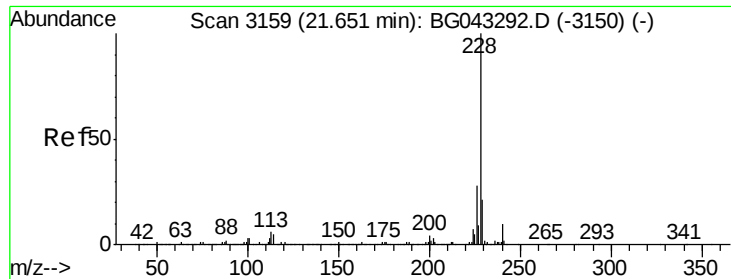


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.974 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

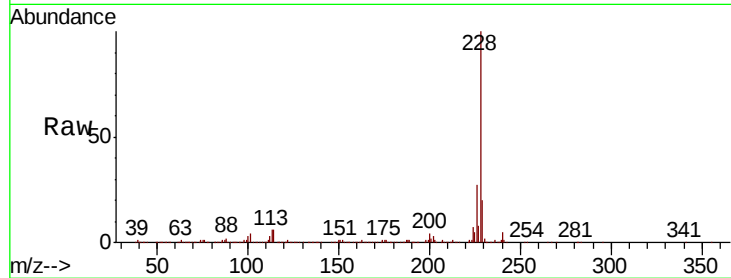
Tot Ion:228 Resp: 630969

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 20.3 17.0 25.4

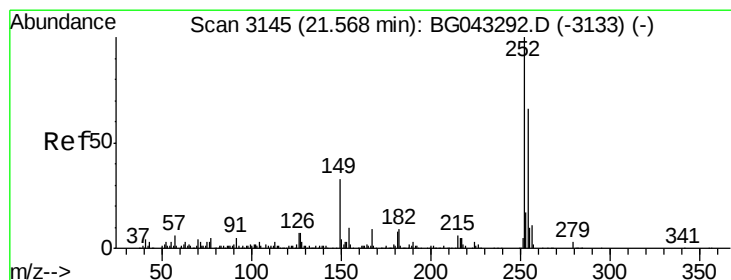
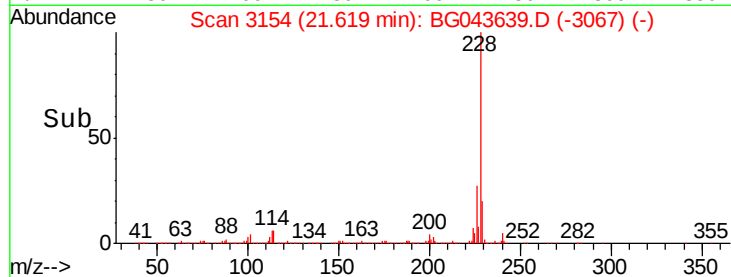
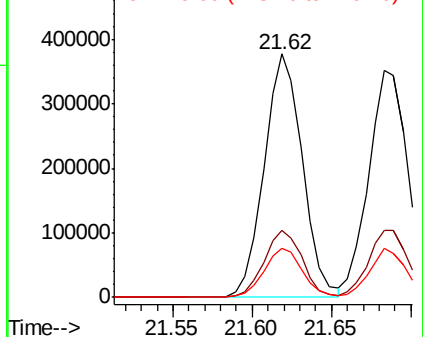


Abundance

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: 27.554 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

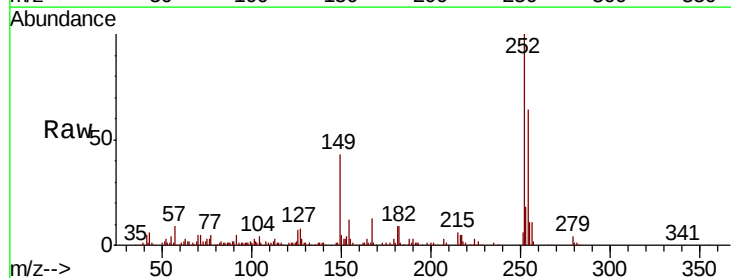
Tgt Ion:252 Resp: 137308

Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 6.9 6.1 9.1

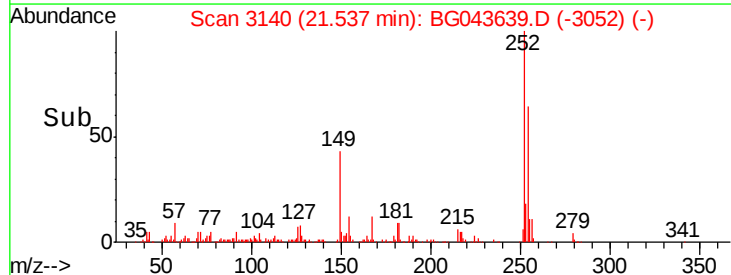
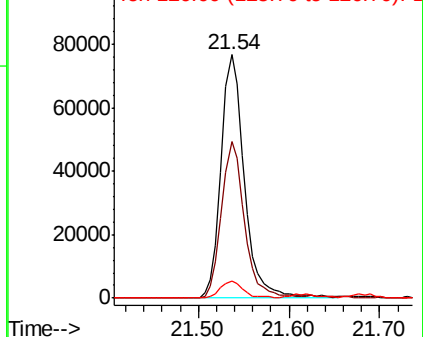


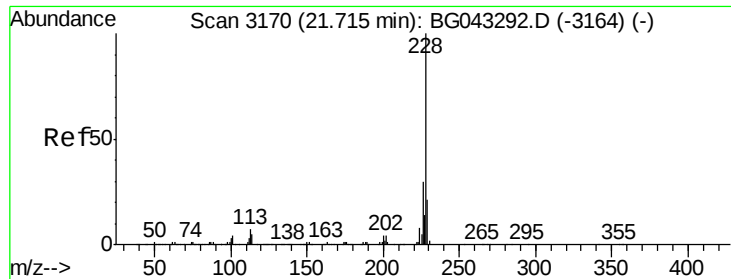
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.519 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

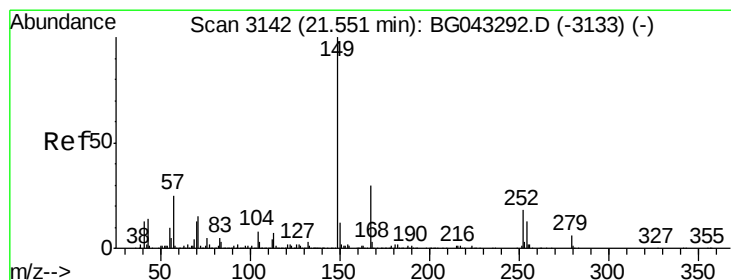
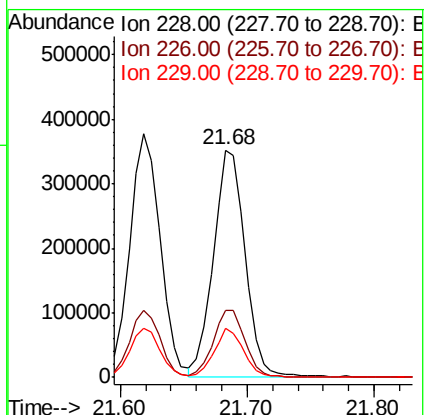
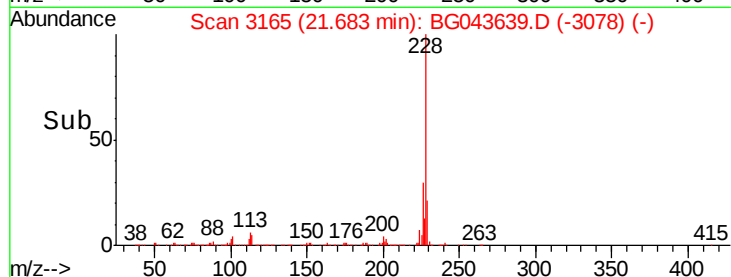
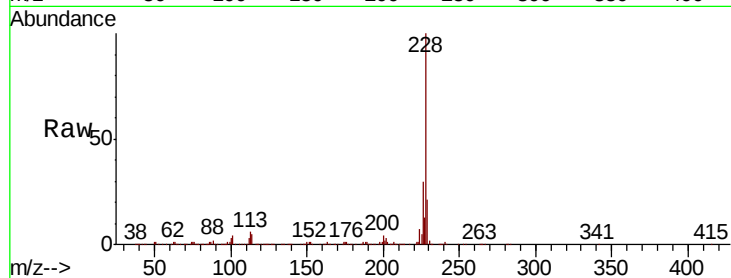
Tot Ion:228 Resp: 608285

Ion Ratio Lower Upper

228 100

226 29.6 25.1 37.7

229 21.3 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.518 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

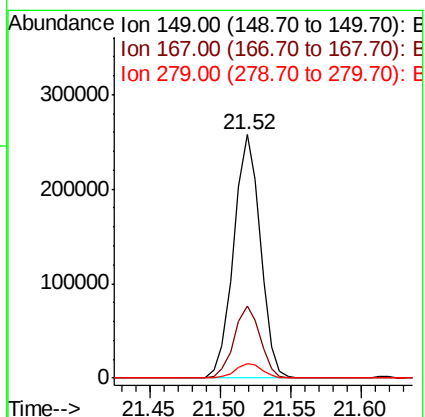
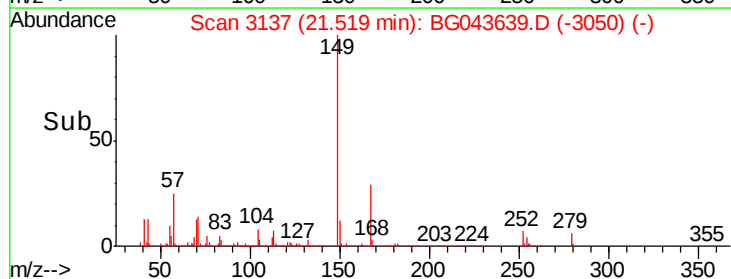
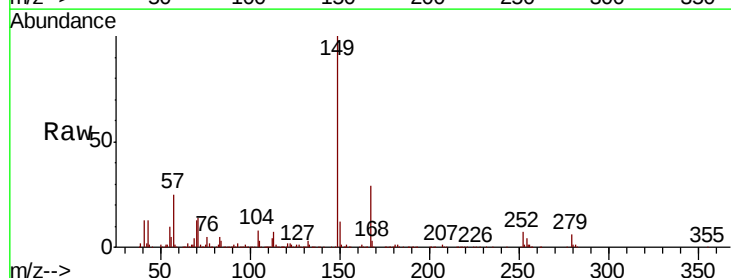
Tgt Ion:149 Resp: 339284

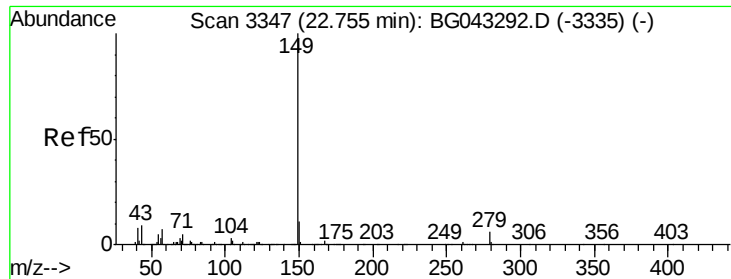
Ion Ratio Lower Upper

149 100

167 29.4 24.0 36.0

279 6.0 5.4 8.2

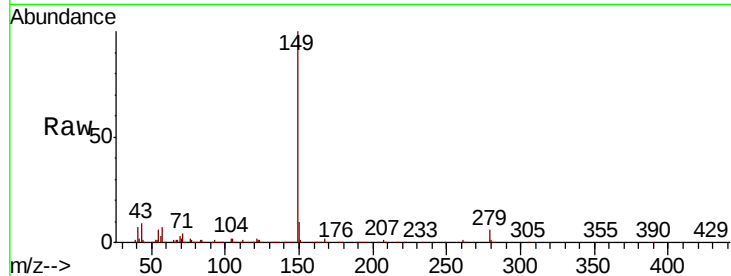




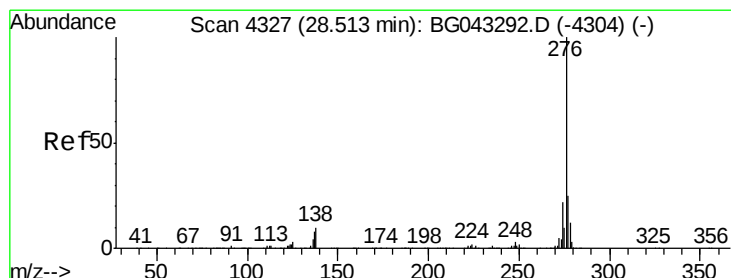
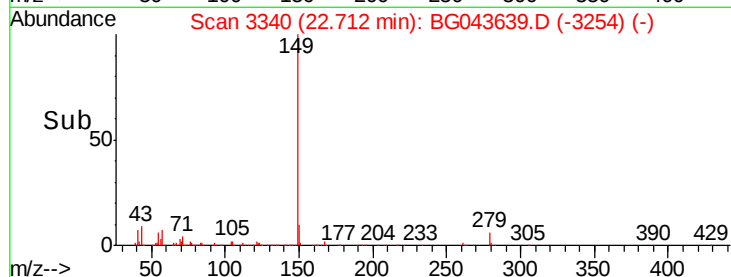
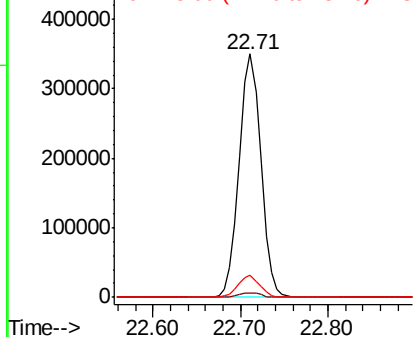
#85
Di-n-octyl phthalate
Concen: 50.488 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	8.8	7.0	10.6

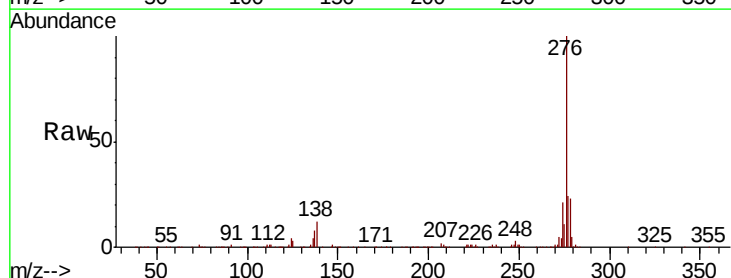


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

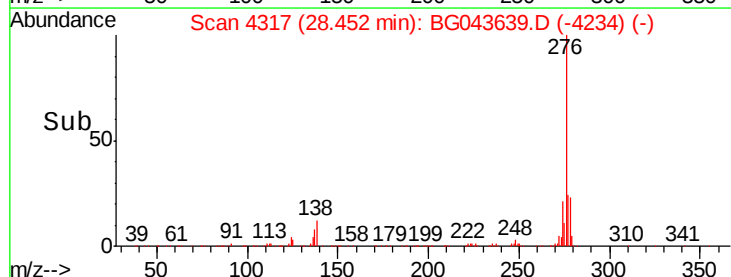
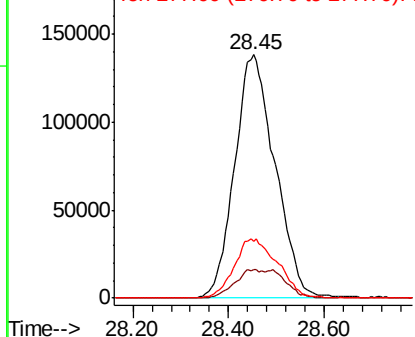


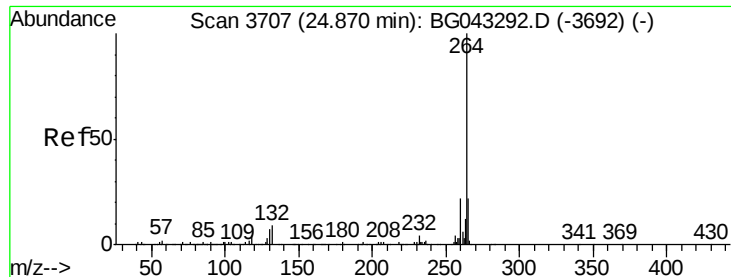
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.333 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.04 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.4	6.8	10.2
277	26.1	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

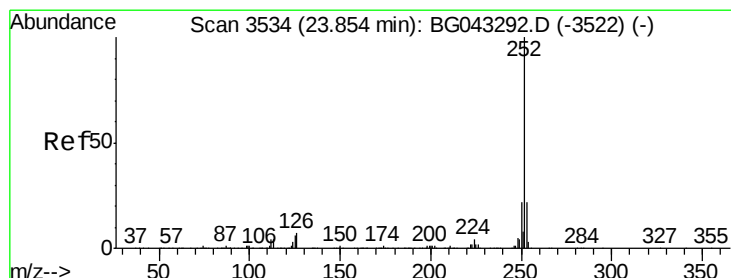
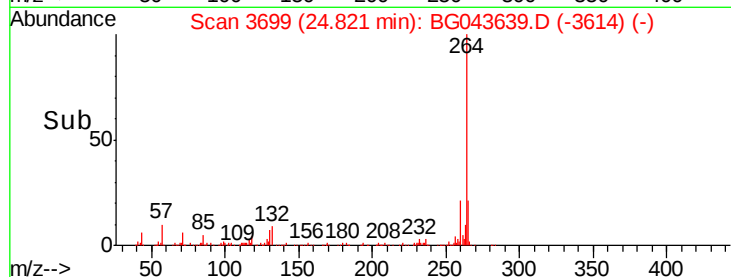
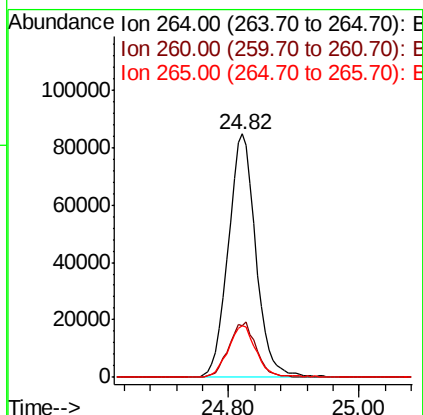
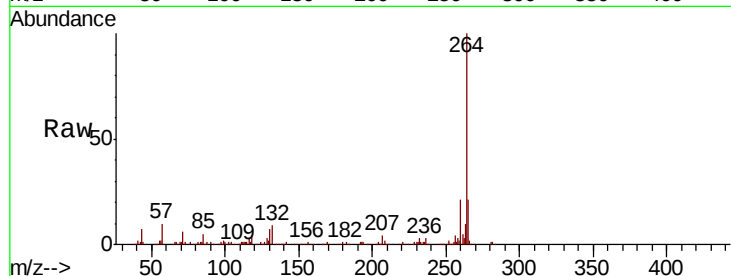




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

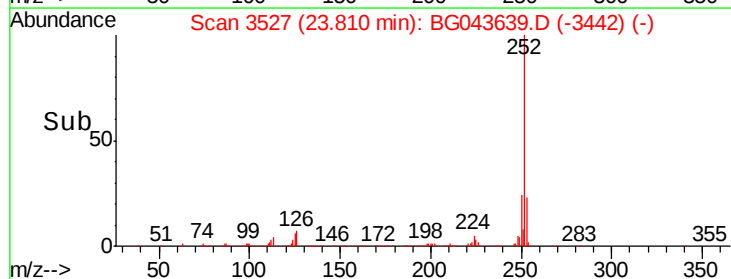
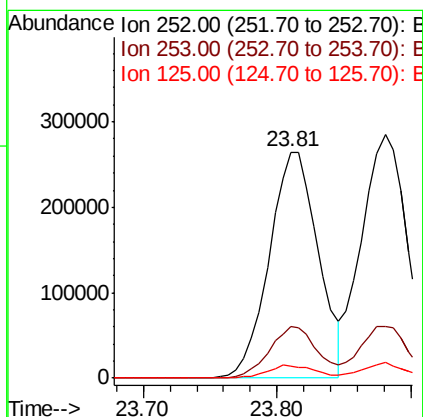
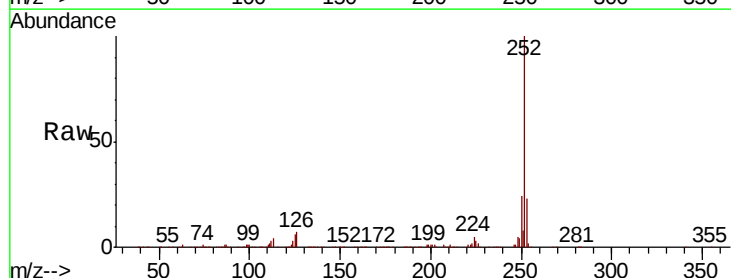
Instrument :
BNA_G
ClientSampled :
8-(8-10)MS

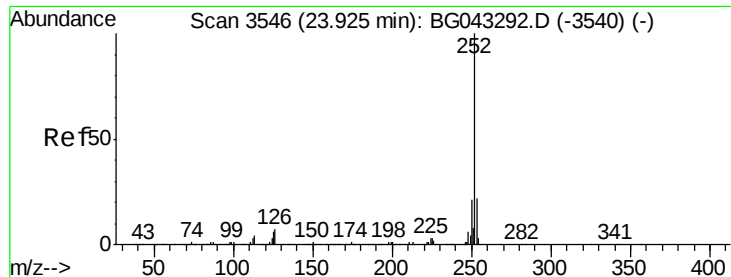
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.5	26.3
265	21.2	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 47.893 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.6	4.5	6.7

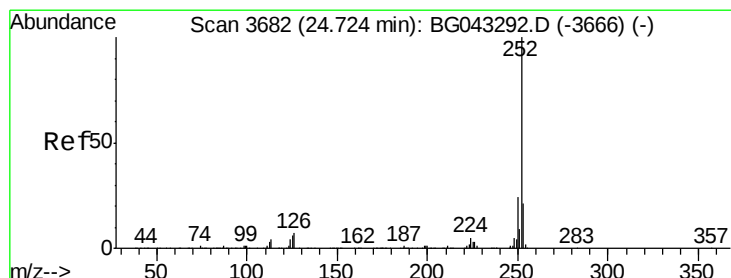
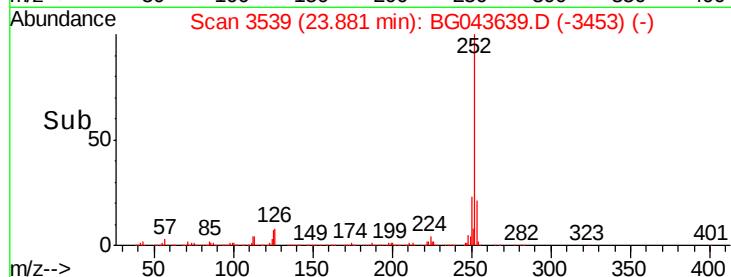
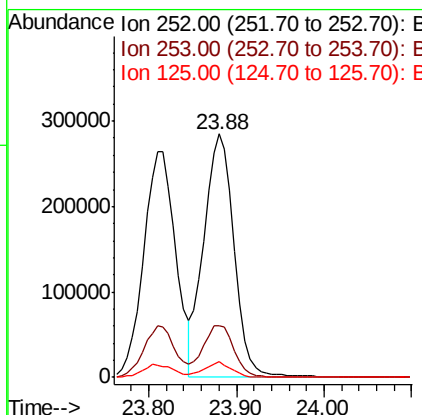
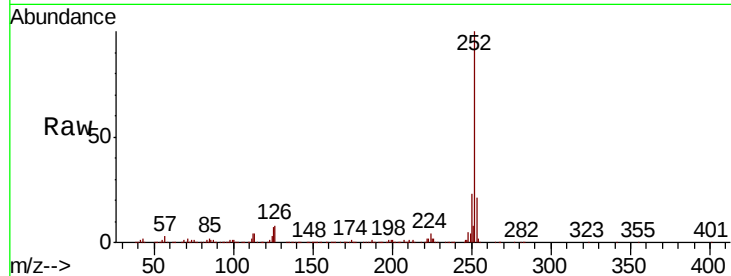




#89
Benzo(k)fluoranthene
Concen: 48.207 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

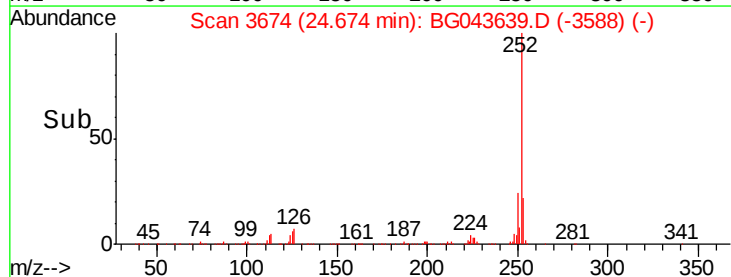
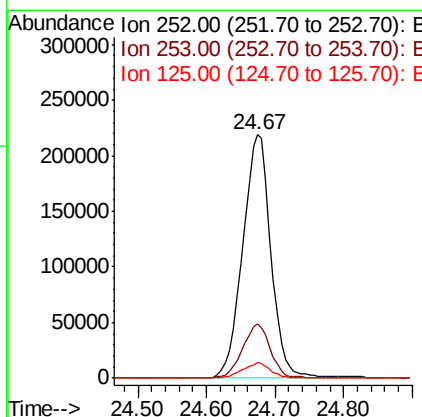
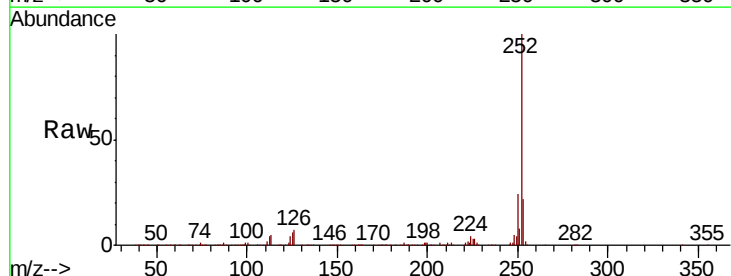
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:252 Resp: 682467
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 6.6 4.6 6.8



#90
Benzo(a)pyrene
Concen: 46.531 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:252 Resp: 624863
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 49.953 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.04 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

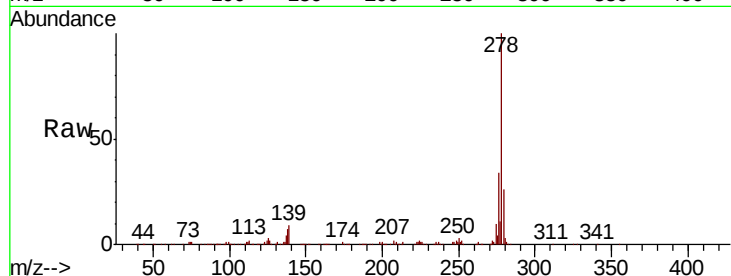
Tot Ion:278 Resp: 686147

Ion Ratio Lower Upper

278 100

139 8.8 7.4 11.0

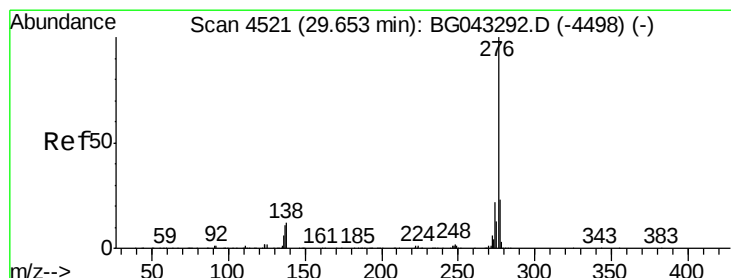
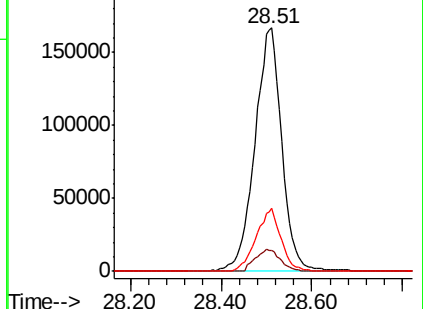
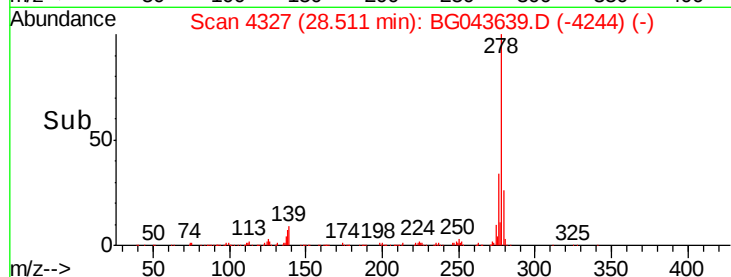
279 25.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.460 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.04 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

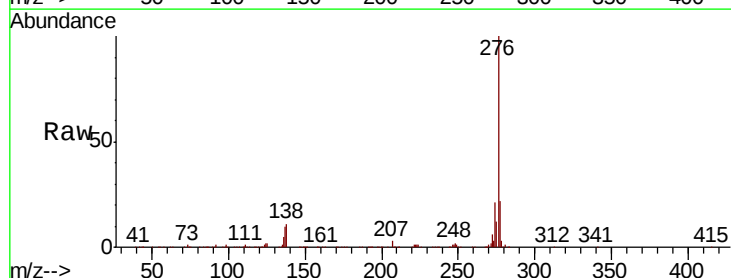
Tgt Ion:276 Resp: 683685

Ion Ratio Lower Upper

276 100

277 21.7 18.9 28.3

138 11.2 8.9 13.3



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

