

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043481.D
 Acq On : 4 Nov 2019 15:17
 Operator : JU
 Sample : PB124488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 15:58:52 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	8.01	152	34207	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	142513	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	120554	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	293057	20.00	ng	0.00
76) Chrysene-d12	21.66	240	332630	20.00	ng	0.00
87) Perylene-d12	24.85	264	359283	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243042	130.20	ng	0.00
7) Phenol-d6	7.20	99	327237	121.84	ng	0.00
23) Nitrobenzene-d5	9.18	82	161850	58.55	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	228462	99.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	459776	52.70	ng	0.00
79) Terphenyl-d14	20.00	244	965569	54.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	26558	36.508	ng	95
3) Pyridine	3.87	79	63701	34.714	ng	95
4) n-Nitrosodimethylamine	3.79	42	40428	43.660	ng	# 90
6) Aniline	7.34	93	107683	34.805	ng	97
8) 2-Chlorophenol	7.58	128	96634	46.895	ng	96
9) Benzaldehyde	7.15	77	48448	36.705	ng	95
10) Phenol	7.22	94	118928	48.458	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	74814	39.428	ng	96
12) 1,3-Dichlorobenzene	7.90	146	104962	40.654	ng	95
13) 1,4-Dichlorobenzene	8.04	146	109035	41.741	ng	95
14) 1,2-Dichlorobenzene	8.36	146	101885	39.947	ng	98
15) Benzyl Alcohol	8.25	79	84171	44.624	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102957	37.315	ng	96
17) 2-Methylphenol	8.46	107	81403	45.498	ng	97
18) Hexachloroethane	9.09	117	36604	38.839	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	71442	41.165	ng	94
20) 3+4-Methylphenols	8.79	107	112470	45.843	ng	96
22) Acetophenone	8.83	105	140867	38.598	ng	99
24) Nitrobenzene	9.22	77	108308	41.130	ng	98
25) Isophorone	9.73	82	203156	40.198	ng	99
26) 2-Nitrophenol	9.93	139	55919	43.985	ng	96
27) 2,4-Dimethylphenol	10.00	122	94801	52.027	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	111631	40.020	ng	99
29) 2,4-Dichlorophenol	10.47	162	106728	45.714	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	113143	38.451	ng	96
31) Naphthalene	10.87	128	303162	41.909	ng	98
32) Benzoic acid	10.16	122	49341	37.827	ng	91
33) 4-Chloroaniline	10.99	127	82747	27.905	ng	98
34) Hexachlorobutadiene	11.15	225	78816	36.234	ng	96
35) Caprolactam	11.75	113	15869	19.736	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	113567	44.595	ng	98
37) 2-Methylnaphthalene	12.47	142	234132	42.183	ng	96
38) 1-Methylnaphthalene	12.69	142	224158	42.445	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	149015	33.400	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	148692	63.444	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	100947	38.420	ng	93
44) 2,4,5-Trichlorophenol	13.17	196	108741	40.937	ng	97
46) 1,1'-Biphenyl	13.48	154	317669	34.638	ng	96
47) 2-Chloronaphthalene	13.52	162	241622	34.626	ng	99
48) 2-Nitroaniline	13.72	65	72952	34.979	ng	94
49) Acenaphthylene	14.36	152	400236	36.853	ng	99
50) Dimethylphthalate	14.09	163	330219	35.364	ng	99
51) 2,6-Dinitrotoluene	14.22	165	74646	36.797	ng	97
52) Acenaphthene	14.70	154	235384	35.541	ng	93
53) 3-Nitroaniline	14.55	138	56015	28.600	ng	100
54) 2,4-Dinitrophenol	14.76	184	86245	69.168	ng	95
55) Dibenzofuran	15.04	168	395488	36.823	ng	99
56) 4-Nitrophenol	14.89	139	112382	85.624	ng	93
57) 2,4-Dinitrotoluene	15.00	165	111239	38.370	ng	99
58) Fluorene	15.69	166	332293	36.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	107932	38.244	ng	95
60) Diethylphthalate	15.46	149	337171	35.936	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	189408	36.043	ng	99
62) 4-Nitroaniline	15.72	138	72602	35.893	ng	95
63) Azobenzene	15.97	77	275400	36.268	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70777	41.039	ng	96
66) n-Nitrosodiphenylamine	15.90	169	296338	35.817	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	134947	34.217	ng	92
68) Hexachlorobenzene	16.70	284	150684	33.285	ng	99
69) Atrazine	16.84	200	129393	45.007	ng	97
70) Pentachlorophenol	17.04	266	162665	78.855	ng	97
71) Phenanthrene	17.43	178	538546	35.887	ng	99
72) Anthracene	17.52	178	554493	36.931	ng	99
73) Carbazole	17.79	167	513004	37.730	ng	99
74) Di-n-butylphthalate	18.34	149	595544	36.099	ng	99
75) Fluoranthene	19.44	202	717646	36.682	ng	99
77) Benzidine	19.62	184	177685	26.543	ng	97
78) Pyrene	19.80	202	733848	35.642	ng	98
80) Butylbenzylphthalate	20.69	149	276192	35.407	ng	98
81) Benzo(a)anthracene	21.64	228	761952	36.570	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	267643	33.211	ng	100
83) Chrysene	21.70	228	733671	35.440	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	399164	36.023	ng	99
85) Di-n-octyl phthalate	22.74	149	696200	37.033	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	972539	37.425	ng	99
88) Benzo(b)fluoranthene	23.84	252	785486	38.601	ng	97
89) Benzo(k)fluoranthene	23.91	252	815397	39.804	ng	97
90) Benzo(a)pyrene	24.70	252	745497	38.365	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	830572	41.789	ng	99
92) Benzo(g,h,i)perylene	29.63	276	818975	41.773	ng	98

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

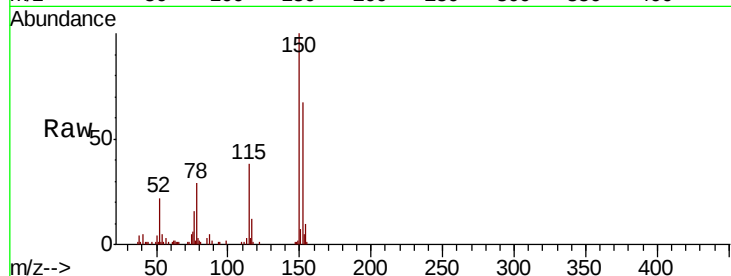


#1

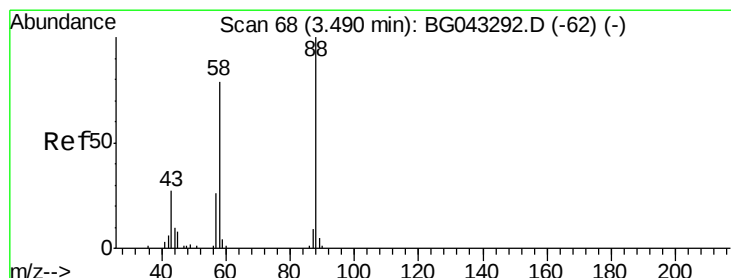
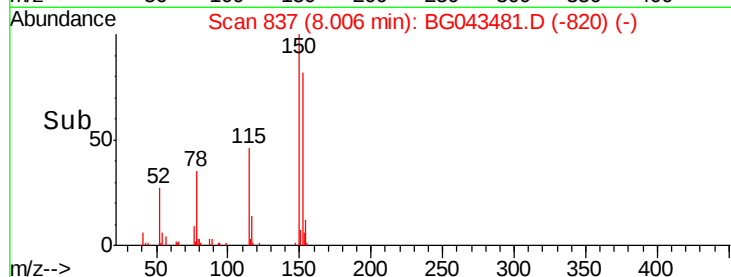
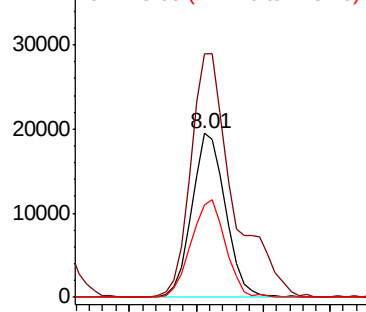
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34207
Ion Ratio Lower Upper
152 100
150 148.6 129.4 194.0
115 56.4 48.8 73.2



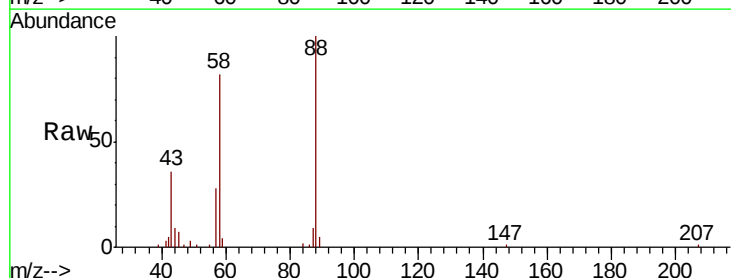
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



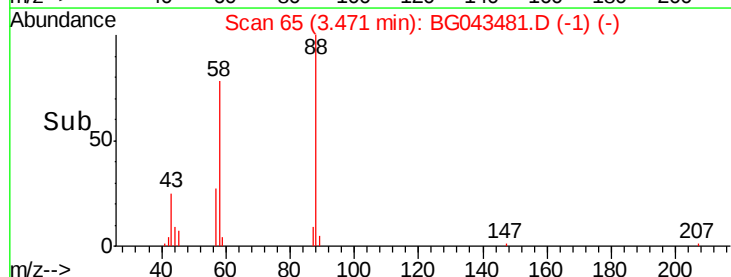
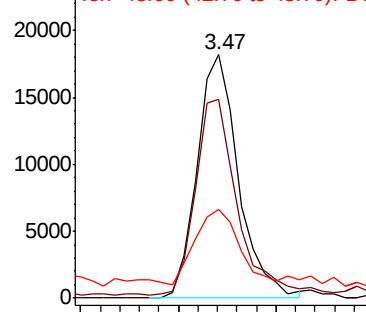
#2

1,4-Dioxane
Concen: 36.508 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion: 88 Resp: 26558
Ion Ratio Lower Upper
88 100
58 81.9 62.7 94.1
43 33.4 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: 34.714 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

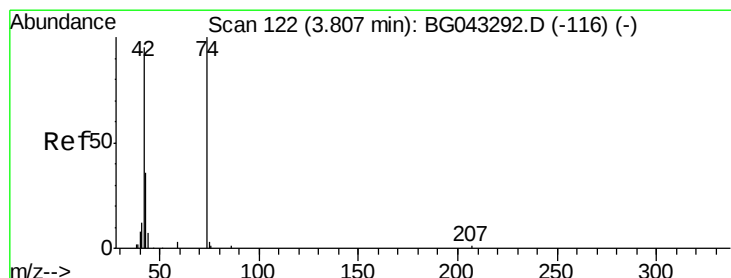
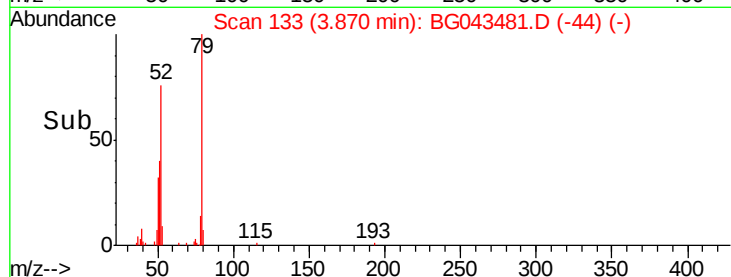
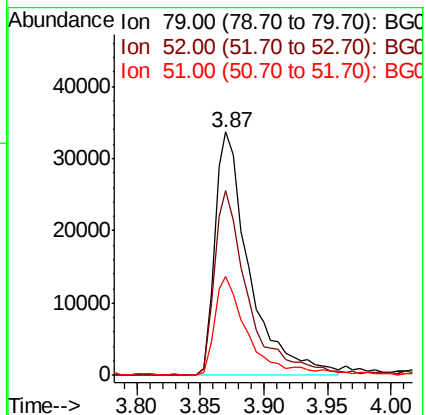
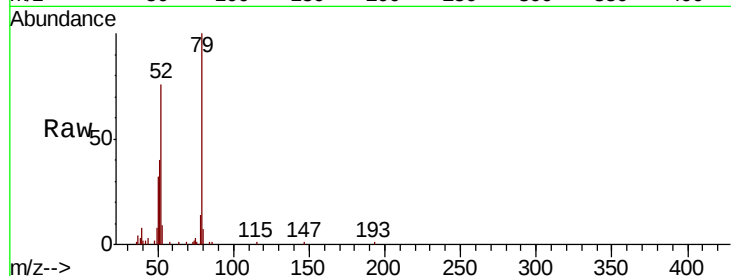
Tot Ion: 79 Resp: 63701

Ion Ratio Lower Upper

79 100

52 75.7 56.5 84.7

51 40.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 43.660 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

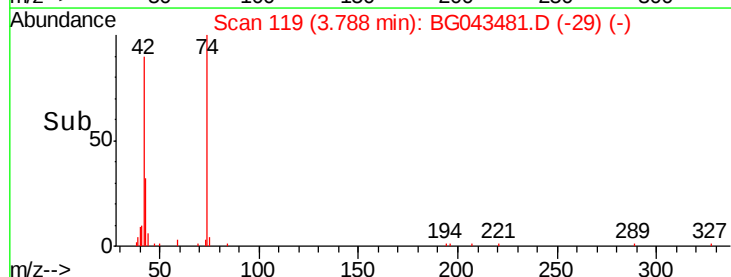
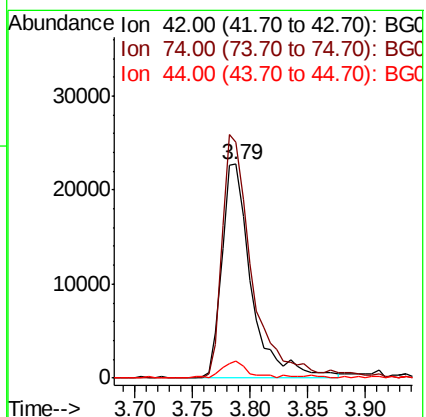
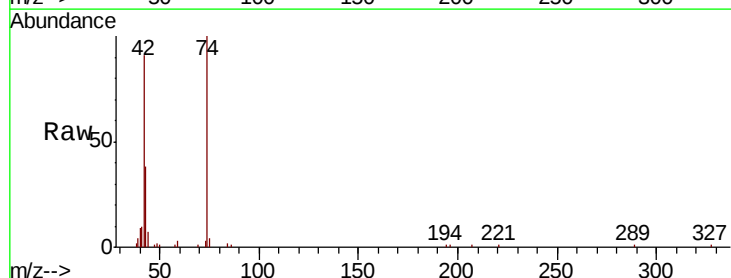
Tgt Ion: 42 Resp: 40428

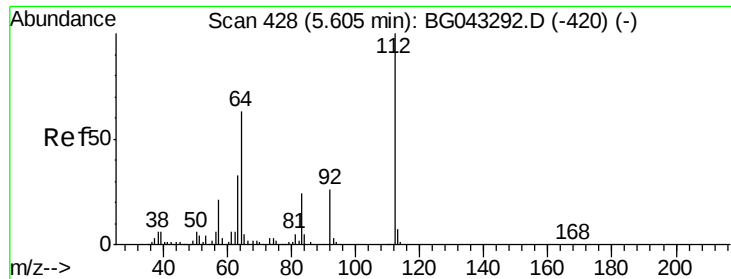
Ion Ratio Lower Upper

42 100

74 110.2 97.3 145.9

44 8.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 130.196 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

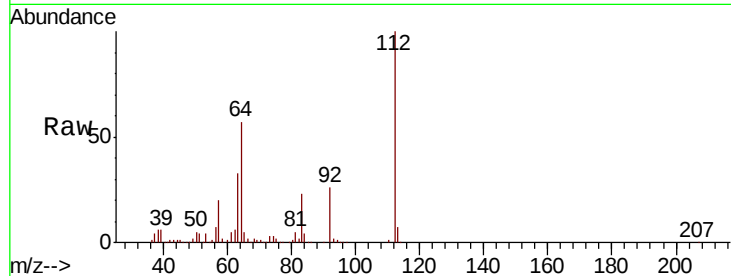
Tot Ion:112 Resp: 243042

Ion Ratio Lower Upper

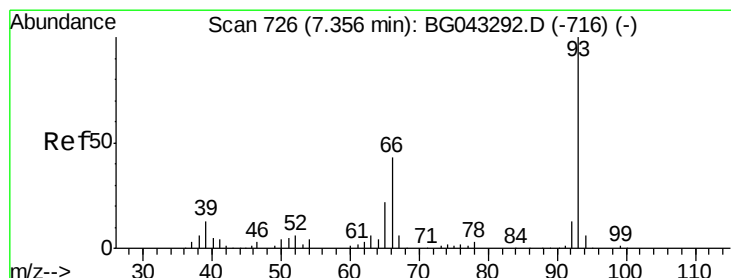
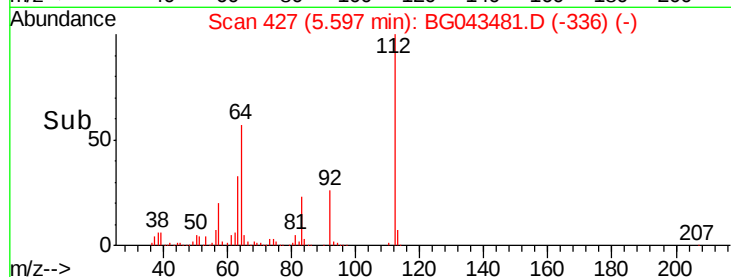
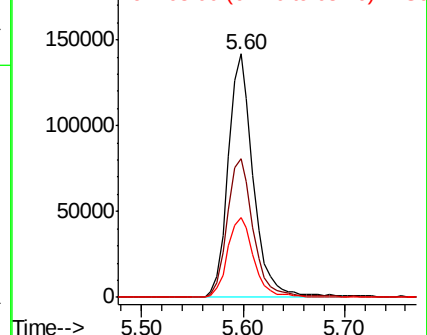
112 100

64 57.1 50.0 75.0

63 33.0 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: 34.805 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

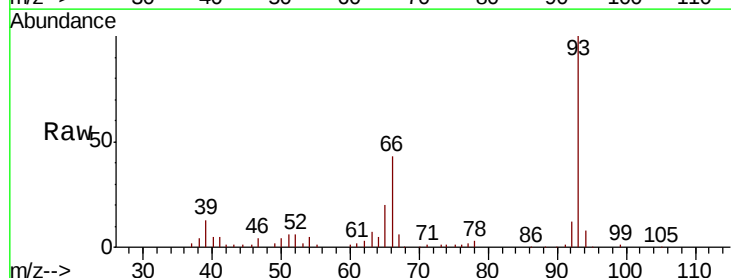
Tgt Ion: 93 Resp: 107683

Ion Ratio Lower Upper

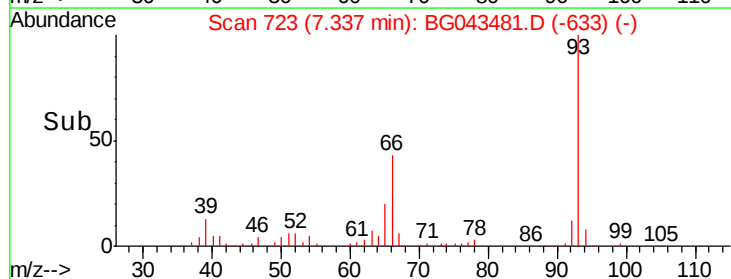
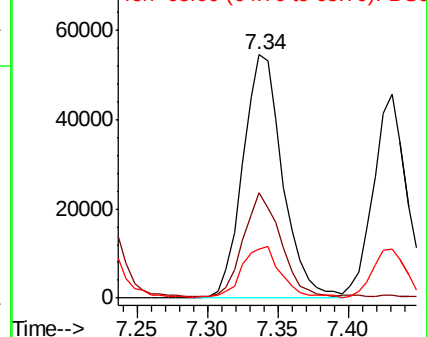
93 100

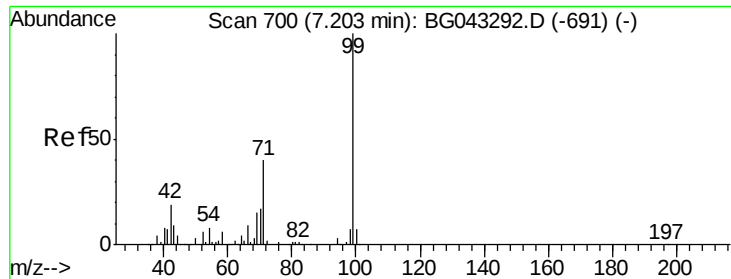
66 43.3 32.3 48.5

65 20.4 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: 121.840 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

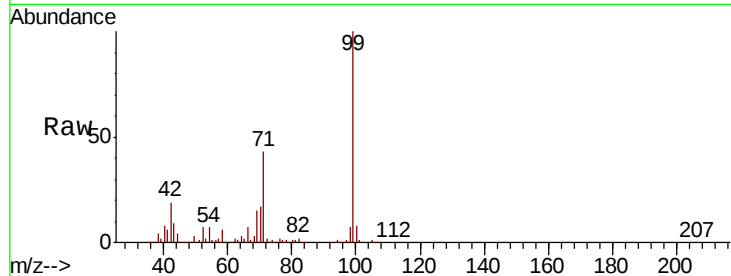
Tot Ion: 99 Resp: 327237

Ion Ratio Lower Upper

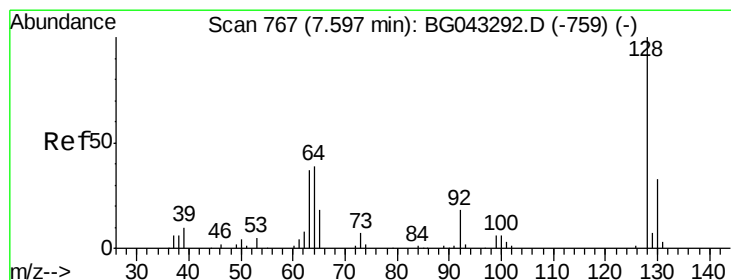
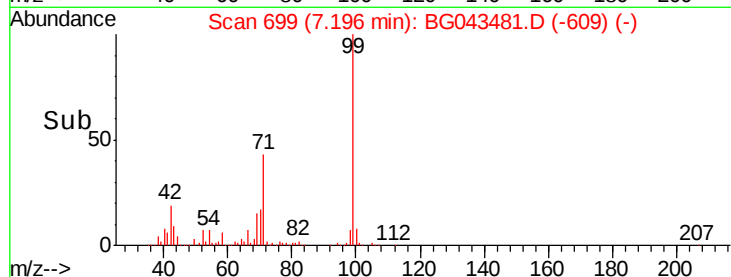
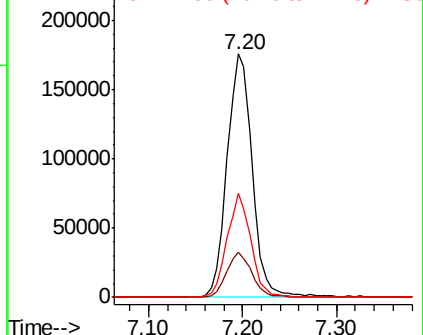
99 100

42 18.6 14.6 21.8

71 42.9 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: 46.895 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

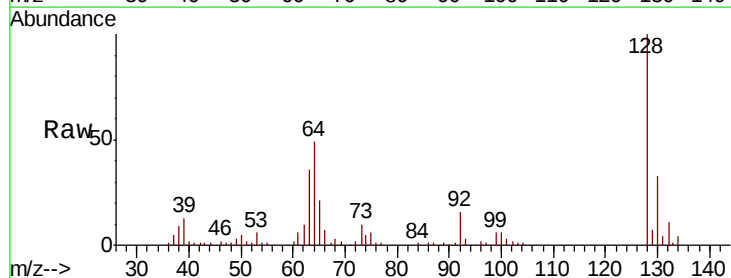
Tgt Ion: 128 Resp: 96634

Ion Ratio Lower Upper

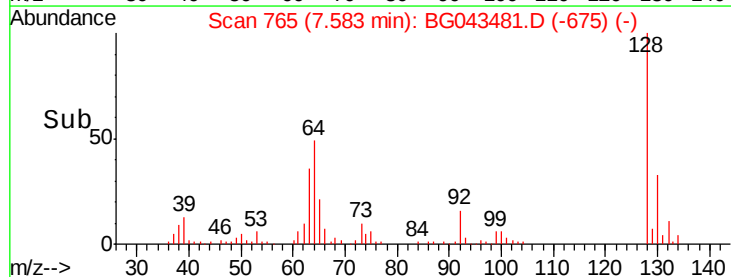
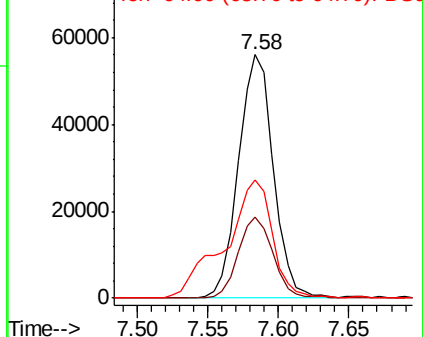
128 100

130 33.4 12.5 52.5

64 48.6 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: 36.705 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

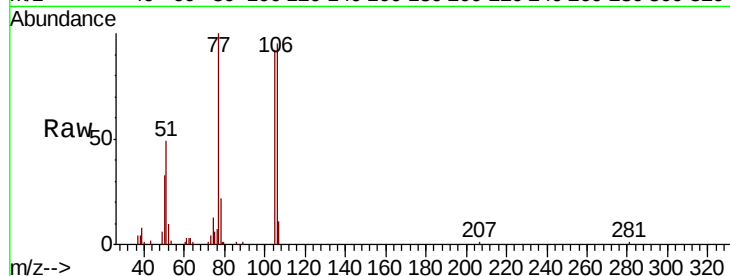
Tot Ion: 77 Resp: 48448

Ion Ratio Lower Upper

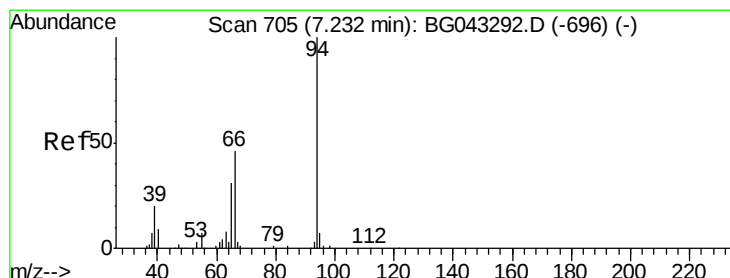
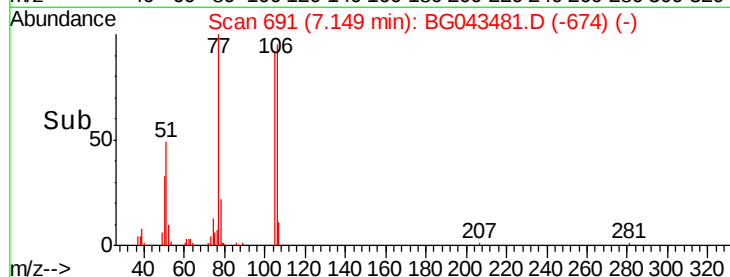
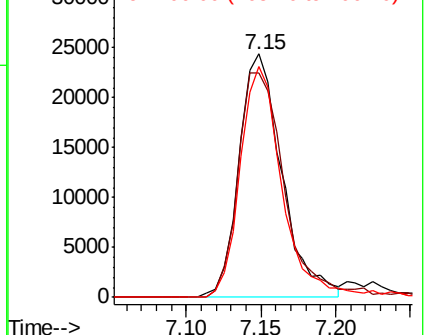
77 100

105 92.1 68.6 108.6

106 94.8 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: 48.458 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

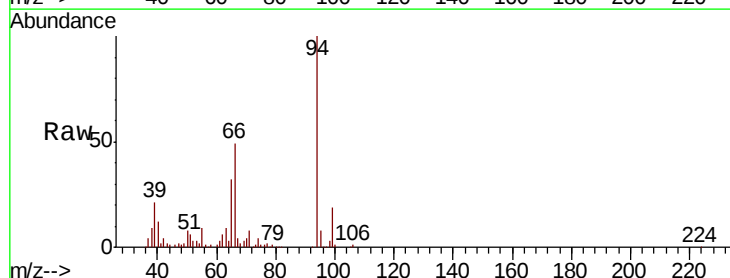
Tgt Ion: 94 Resp: 118928

Ion Ratio Lower Upper

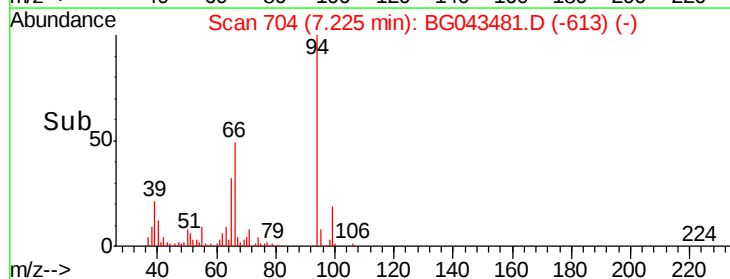
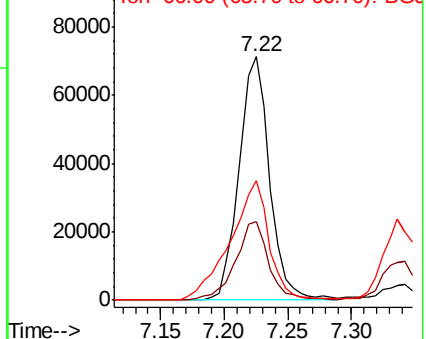
94 100

65 32.3 12.6 52.6

66 49.2 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

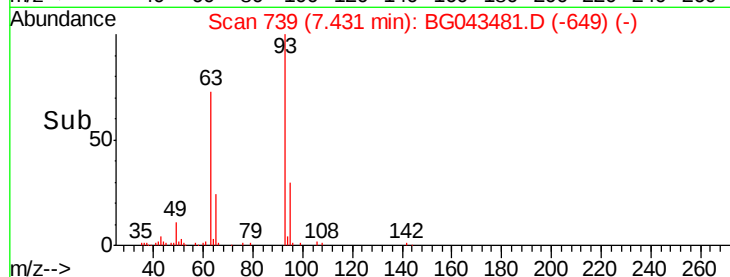
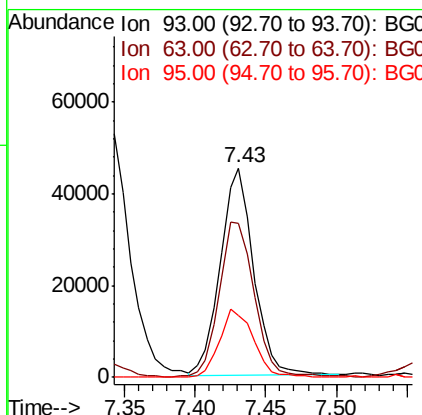
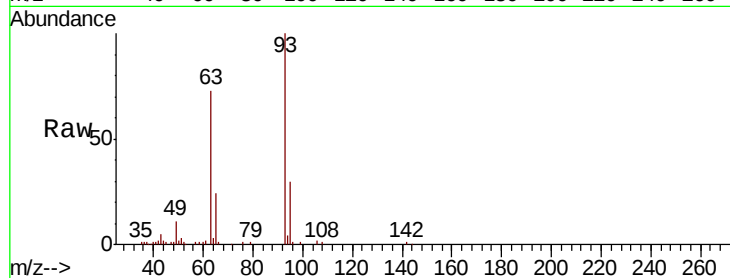




#11
bis(2-Chloroethyl)ether
Concen: 39.428 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

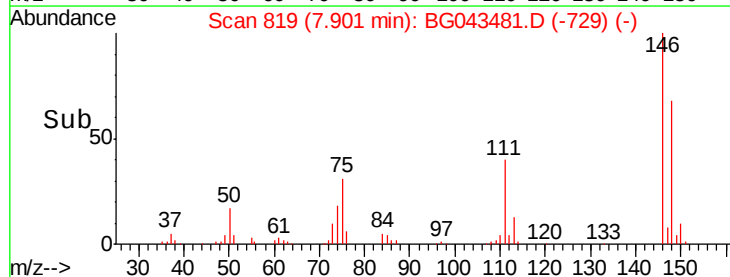
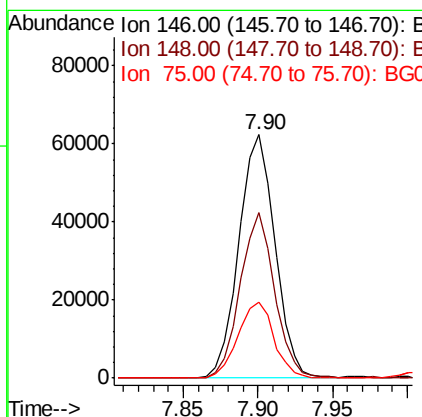
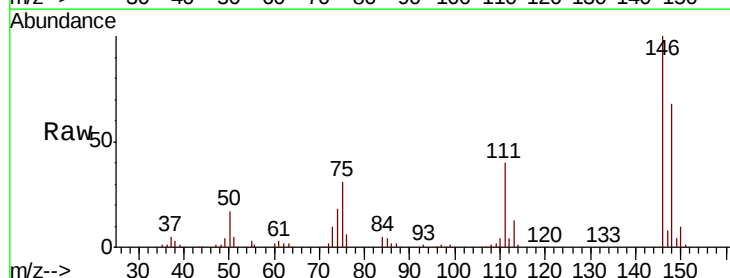
Instrument :
BNA_G
ClientSampleId :

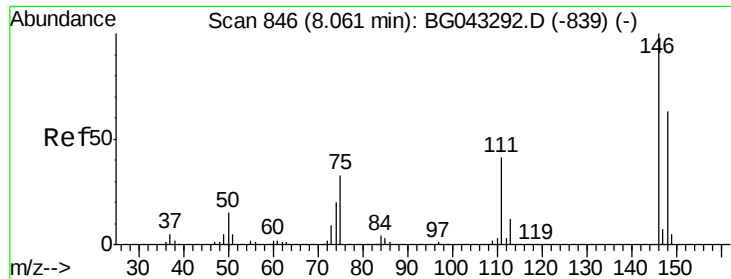
Tot Ion: 93 Resp: 74814
Ion Ratio Lower Upper
93 100
63 73.4 56.3 96.3
95 29.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.654 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion: 146 Resp: 104962
Ion Ratio Lower Upper
146 100
148 67.7 50.3 75.5
75 31.4 24.6 37.0

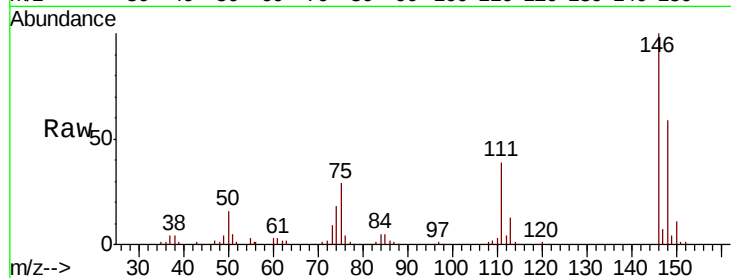




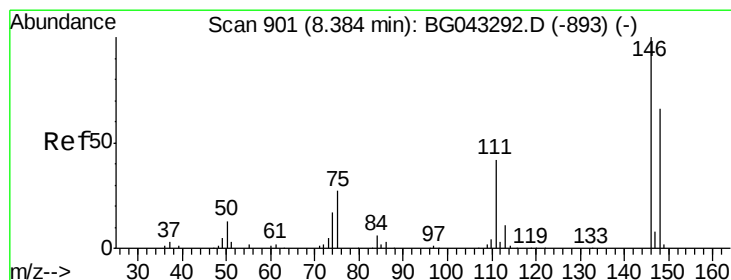
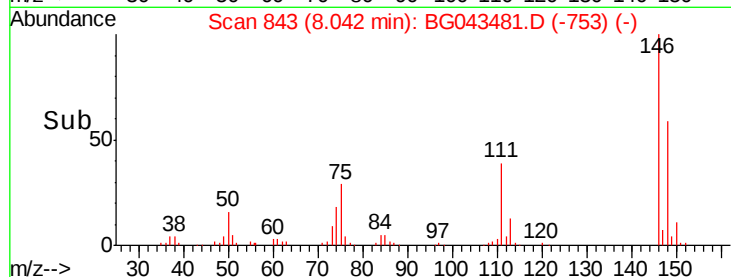
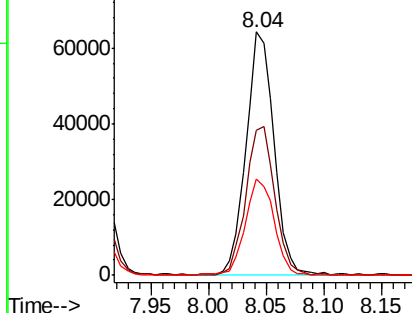
#13
 1,4-Dichlorobenzene
 Concen: 41.741 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 109035
 Ion Ratio Lower Upper
 146 100
 148 59.4 50.7 76.1
 111 39.5 33.4 50.2

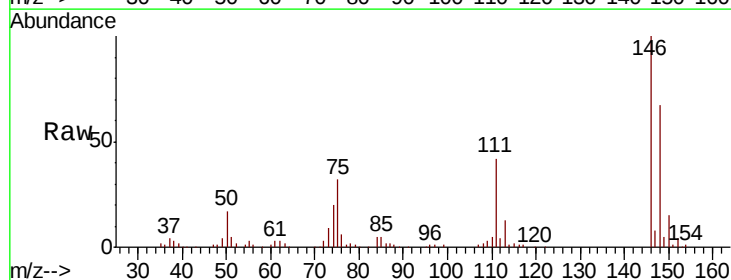


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

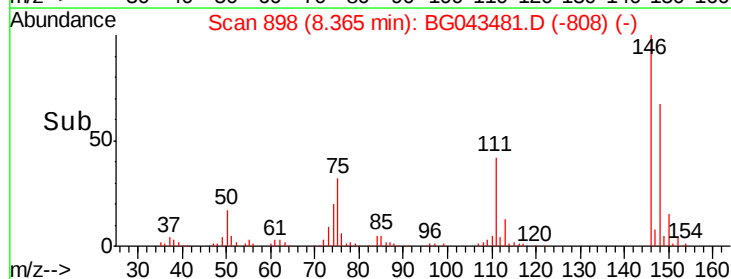
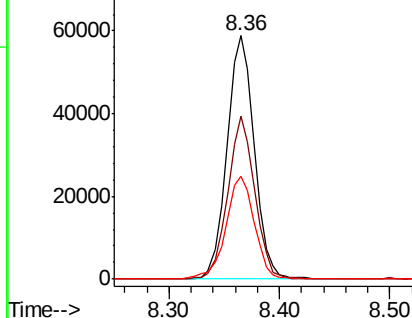


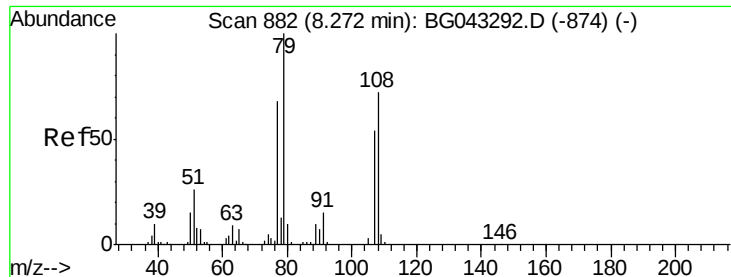
#14
 1,2-Dichlorobenzene
 Concen: 39.947 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:146 Resp: 101885
 Ion Ratio Lower Upper
 146 100
 148 67.2 53.2 79.8
 111 42.0 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.624 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

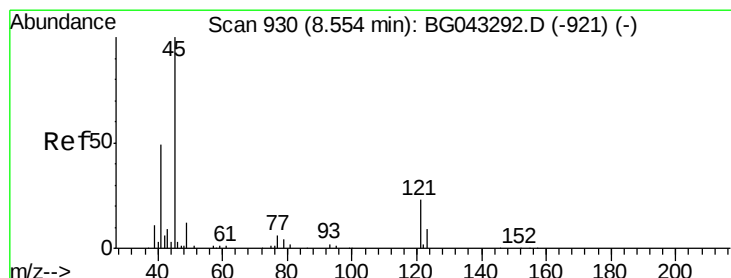
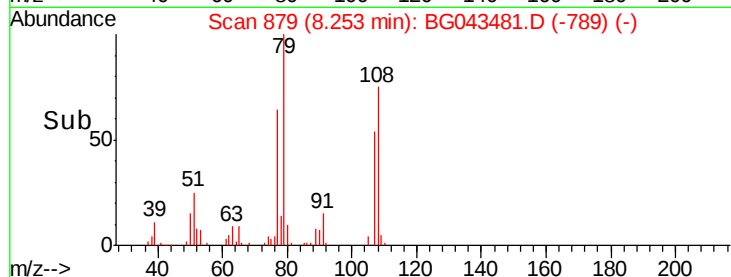
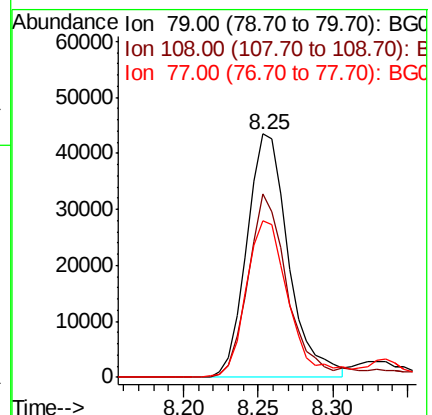
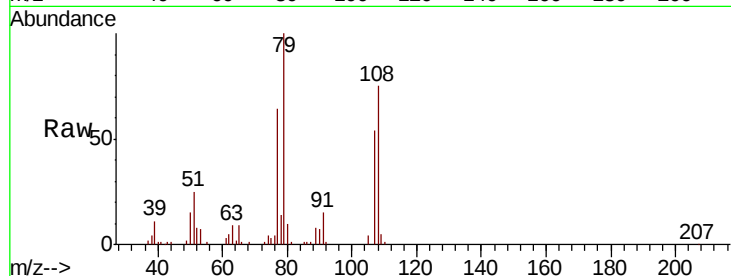
Tot Ion: 79 Resp: 84171

Ion Ratio Lower Upper

79 100

108 75.1 53.6 80.4

77 64.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.315 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

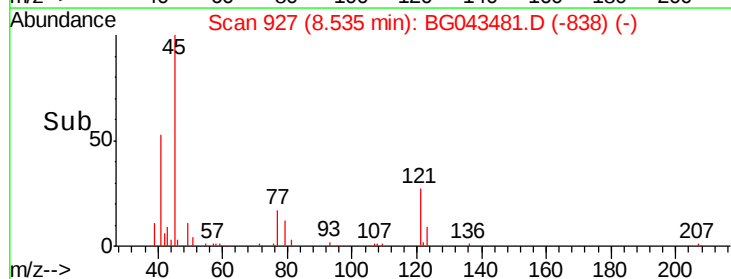
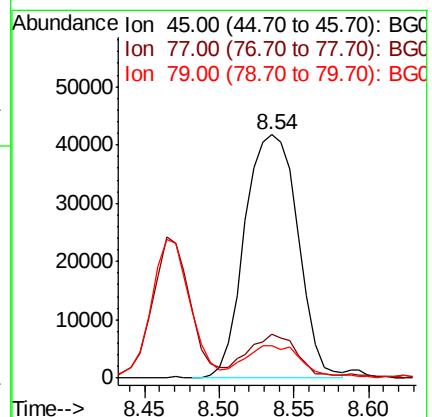
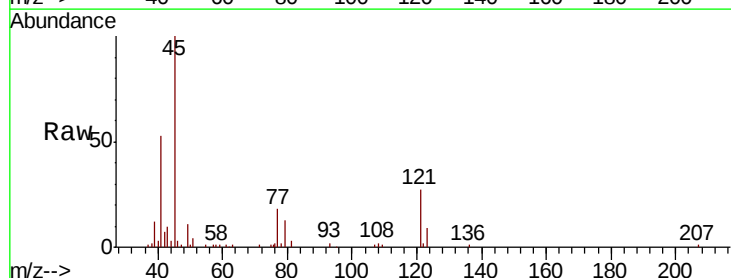
Tgt Ion: 45 Resp: 102957

Ion Ratio Lower Upper

45 100

77 18.1 0.0 34.9

79 13.3 0.0 33.0





#17

2-Methylphenol

Concen: 45.498 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 81403

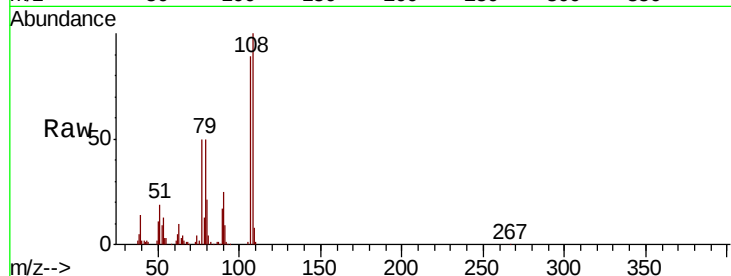
Ion Ratio Lower Upper

107 100

108 111.8 90.2 135.4

77 56.5 40.2 60.2

79 55.7 44.0 66.0

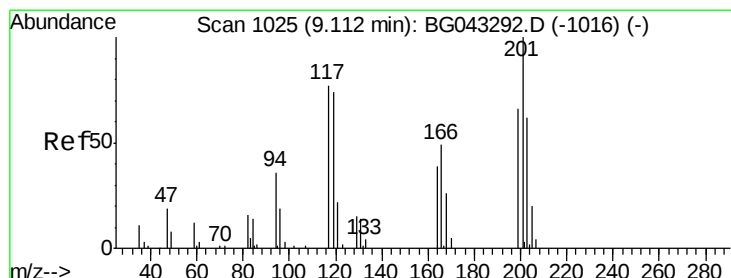
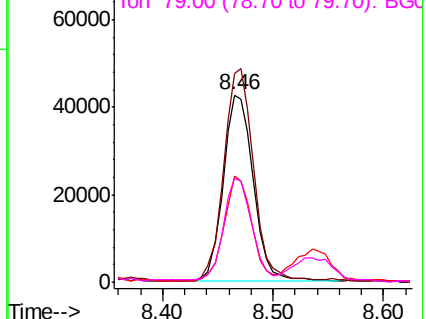
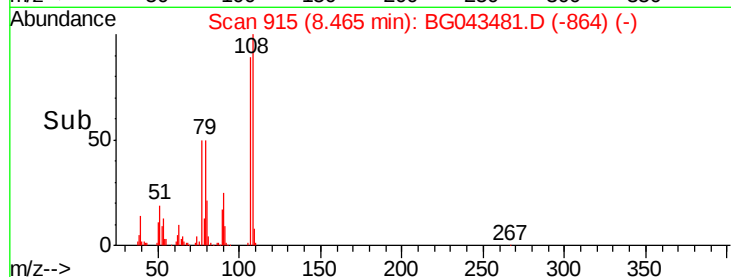


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.839 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

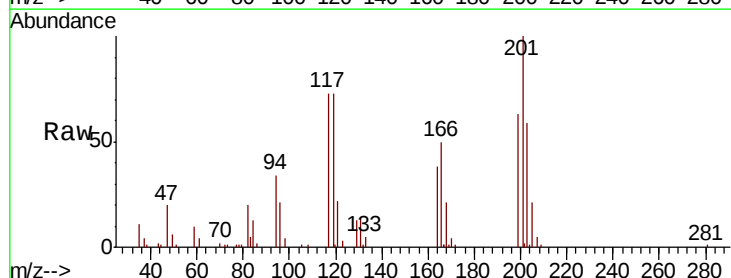
Tgt Ion:117 Resp: 36604

Ion Ratio Lower Upper

117 100

119 99.8 79.0 118.4

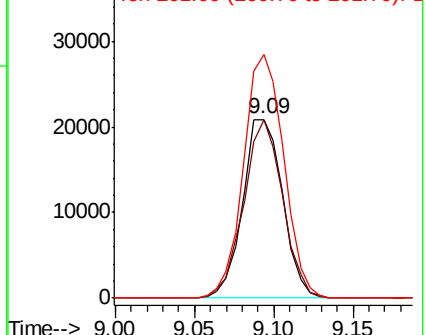
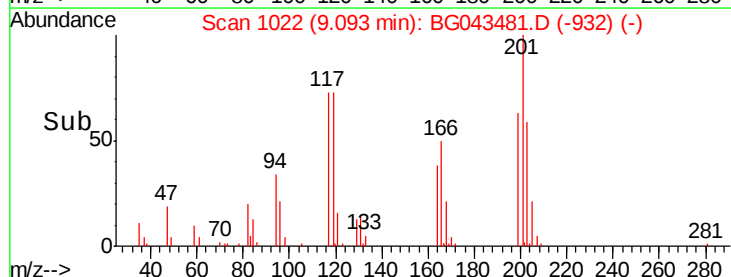
201 136.2 105.4 158.2

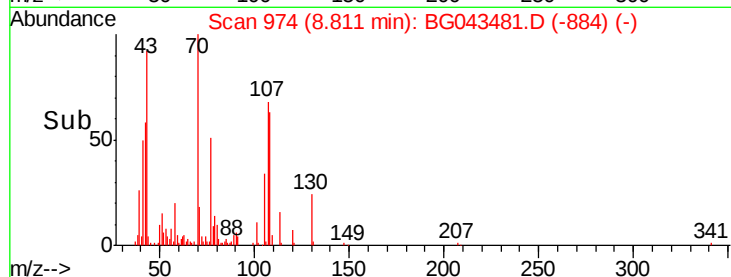
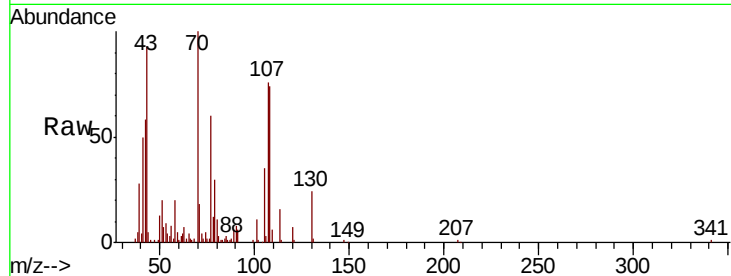
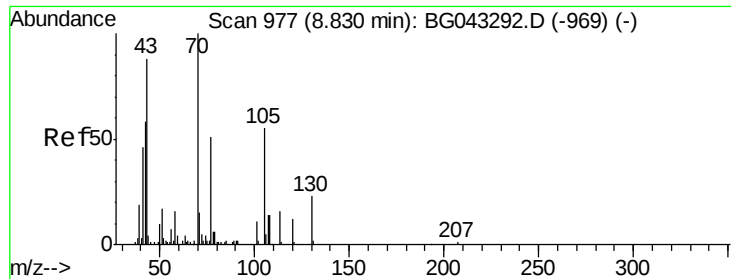


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

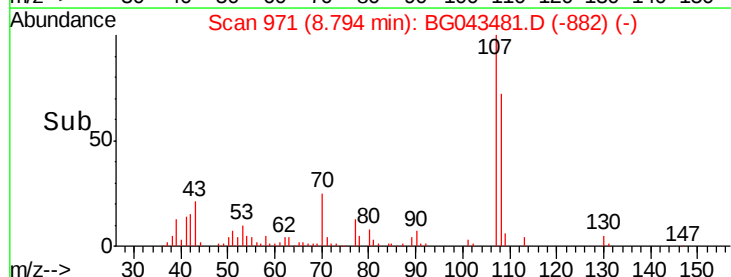
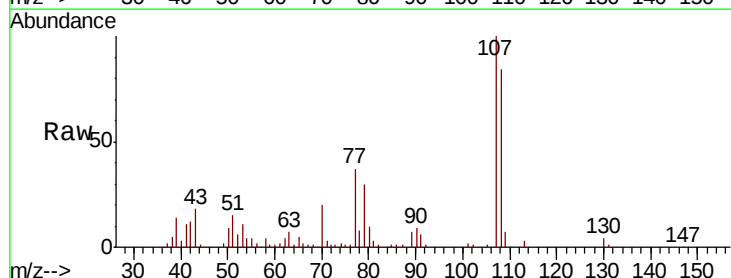
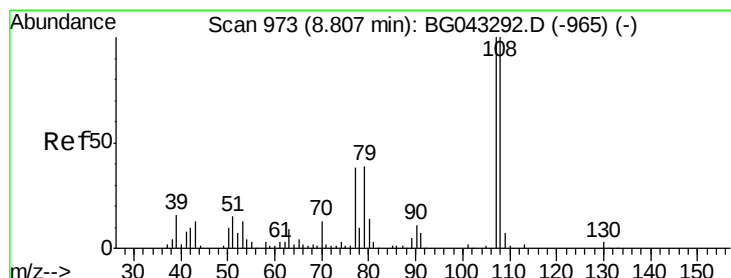
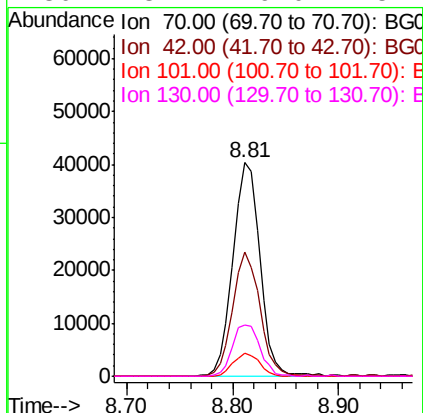




#19
n-Nitroso-di-n-propylamine
Concen: 41.165 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

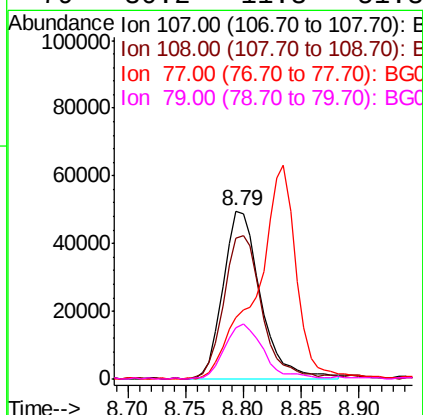
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	71442
Ion	Ratio	Lower	Upper
70	100		
42	58.0	41.4	62.2
101	10.8	7.9	11.9
130	23.7	19.0	28.4



#20
3+4-Methylphenols
Concen: 45.843 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:	107	Resp:	112470
Ion	Ratio	Lower	Upper
107	100		
108	83.7	66.6	106.6
77	36.6	20.9	60.9
79	30.2	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 142513

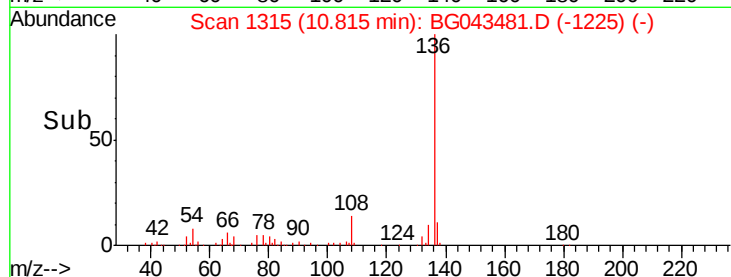
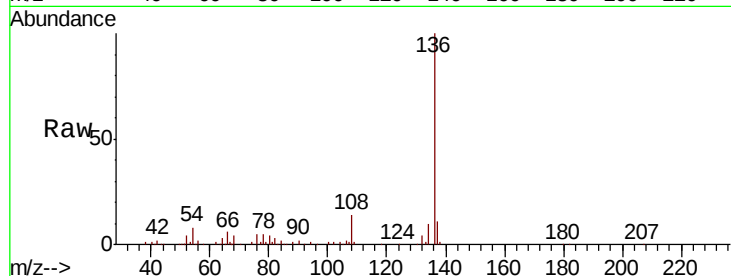
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.0 5.4 8.2

68 4.1 3.0 4.4

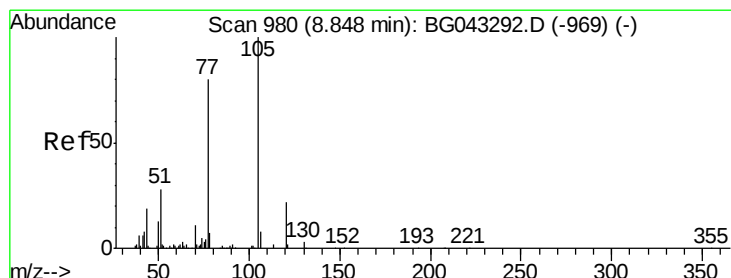
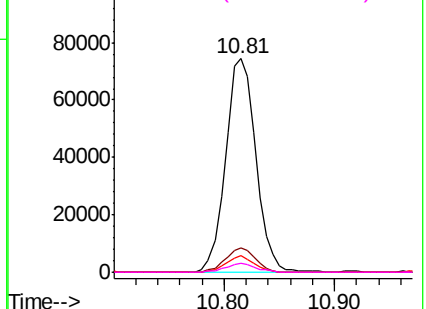


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.598 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:105 Resp: 140867

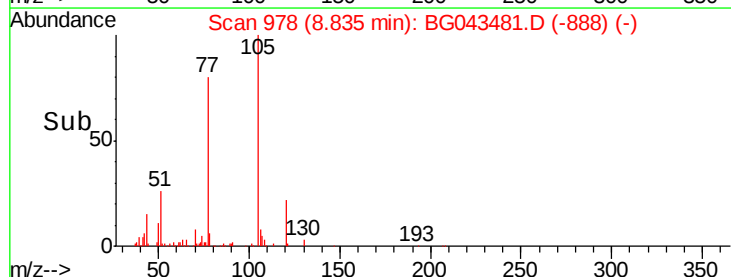
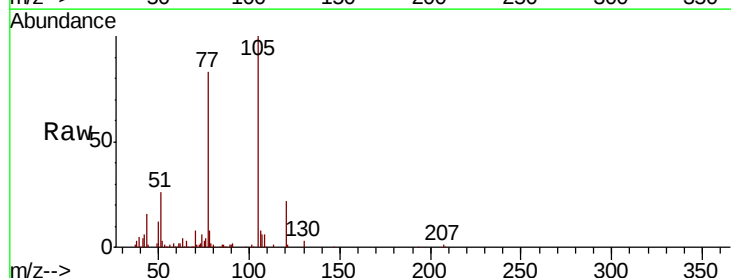
Ion Ratio Lower Upper

105 100

71 1.1 0.8 1.2

51 26.2 21.0 31.4

120 21.7 18.0 27.0

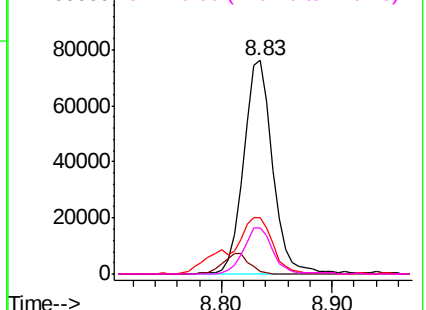


Abundance Ion 105.00 (104.70 to 105.70): E

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

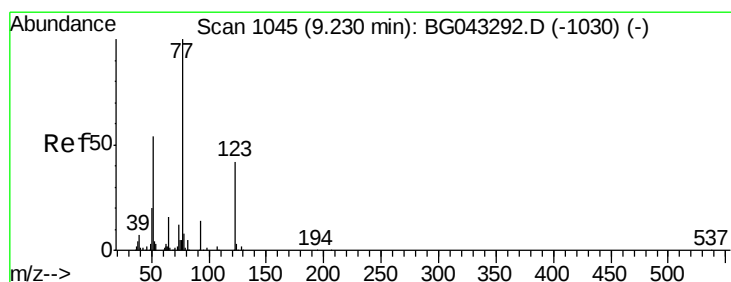
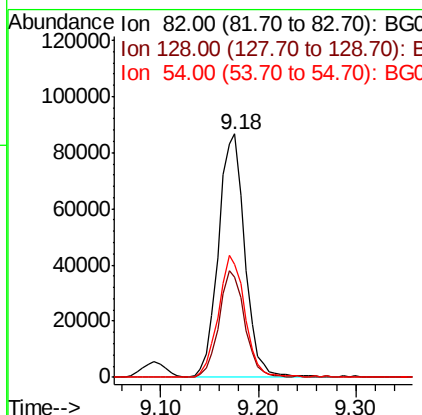
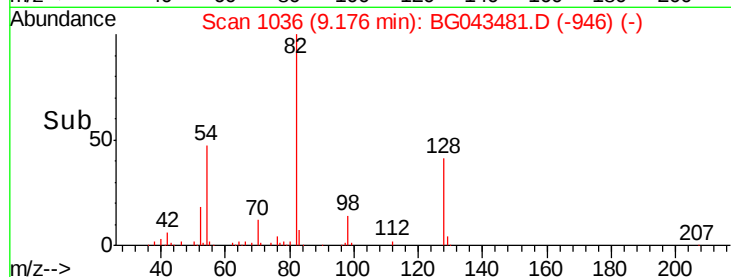
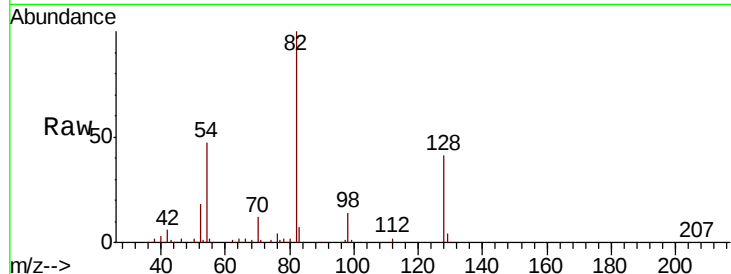




#23
 Nitrobenzene-d5
 Concen: 58.550 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

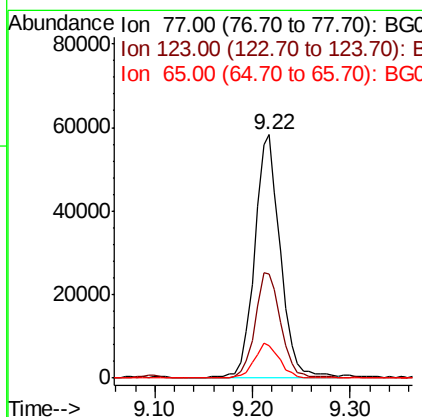
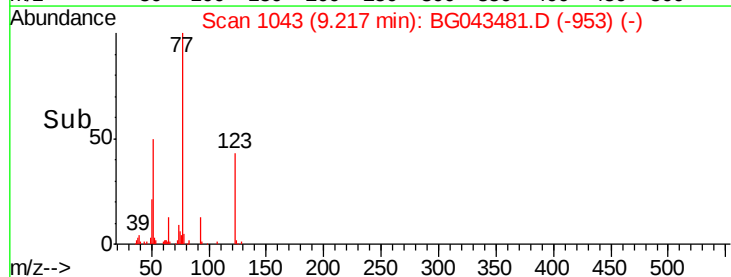
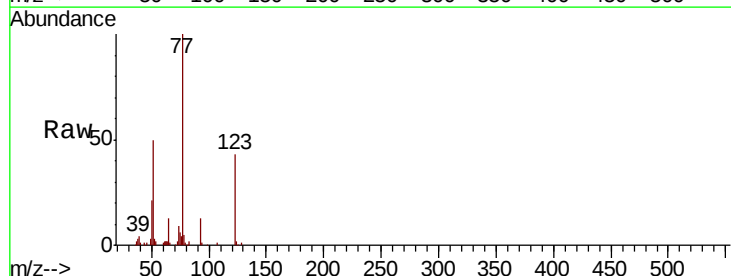
Instrument :
 BNA_G
 ClientSampled :

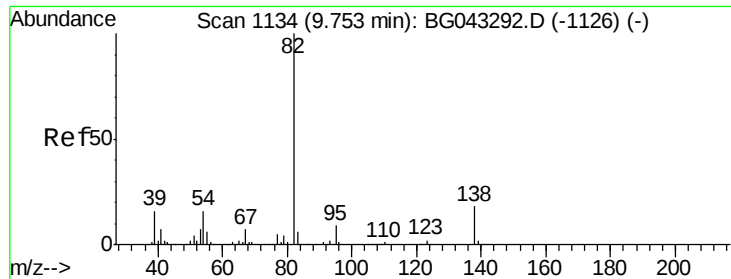
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.6
54	46.6	40.2	60.2



#24
 Nitrobenzene
 Concen: 41.130 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	35.0	52.6
65	13.4	9.5	14.3





#25

Isophorone

Concen: 40.198 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

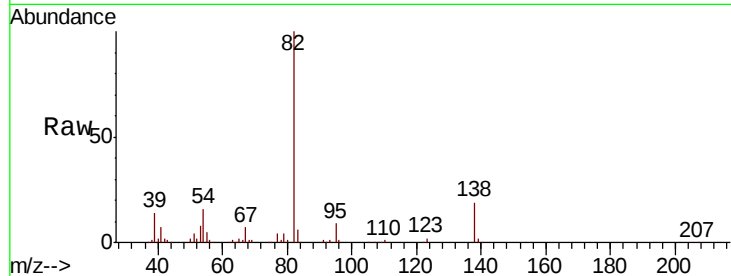
Tot Ion: 82 Resp: 203156

Ion Ratio Lower Upper

82 100

95 8.9 6.6 9.8

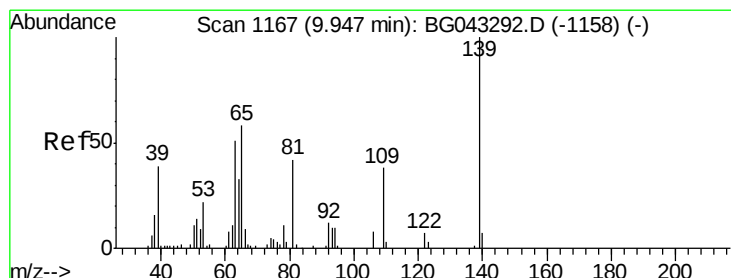
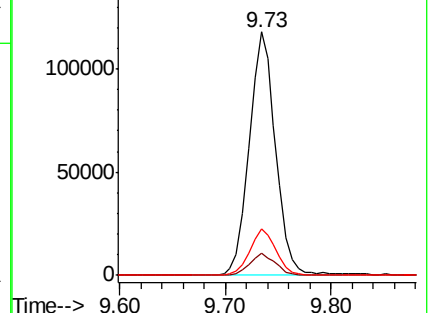
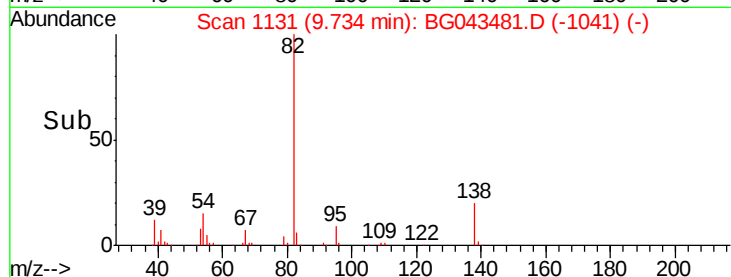
138 18.9 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)



#26

2-Nitrophenol

Concen: 43.985 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

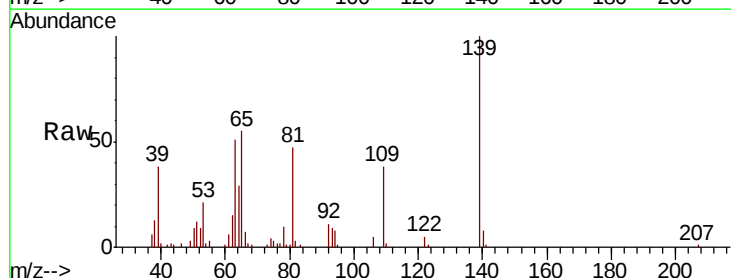
Tgt Ion: 139 Resp: 55919

Ion Ratio Lower Upper

139 100

109 38.0 26.5 39.7

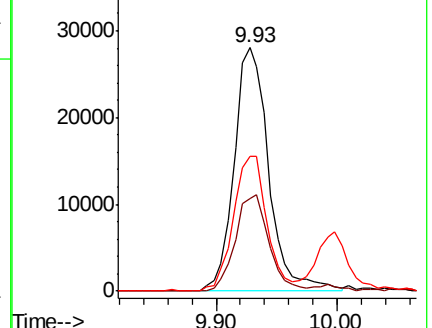
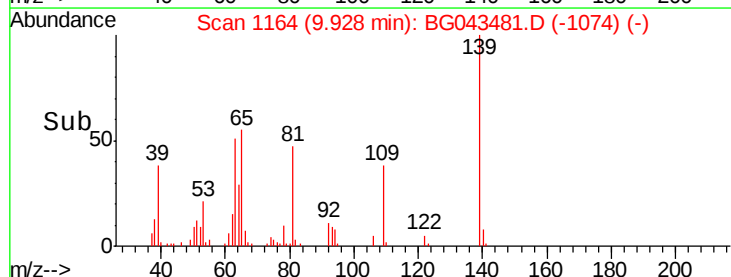
65 55.2 43.8 65.8

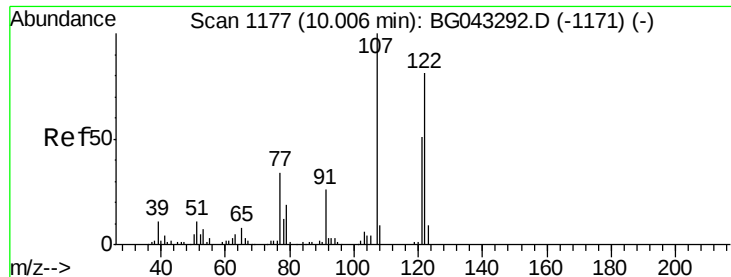


Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

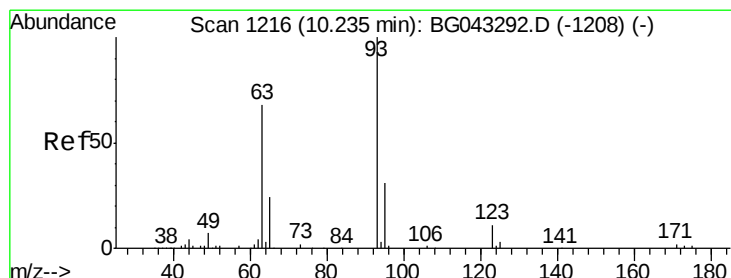
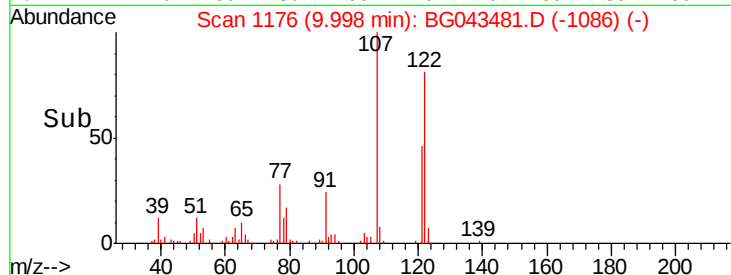
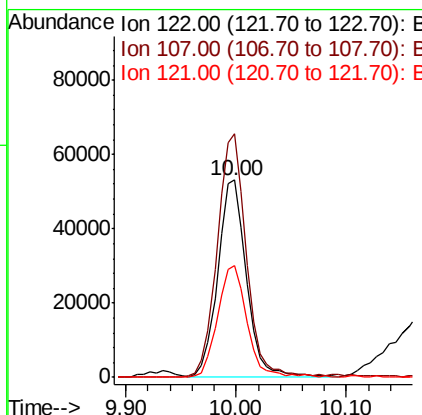
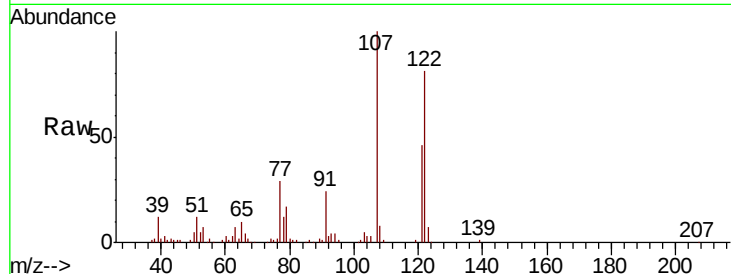




#27
 2,4-Dimethylphenol
 Concen: 52.027 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

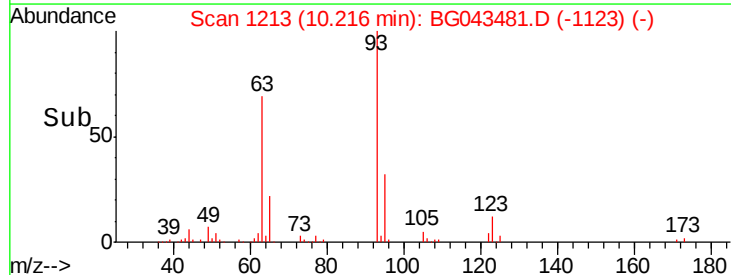
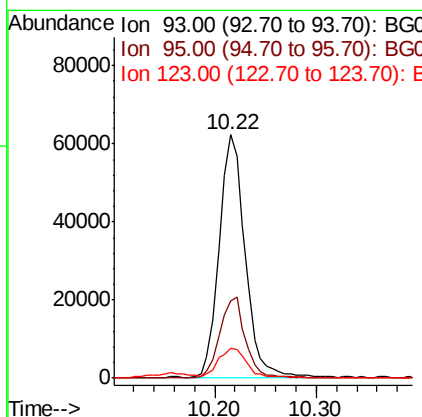
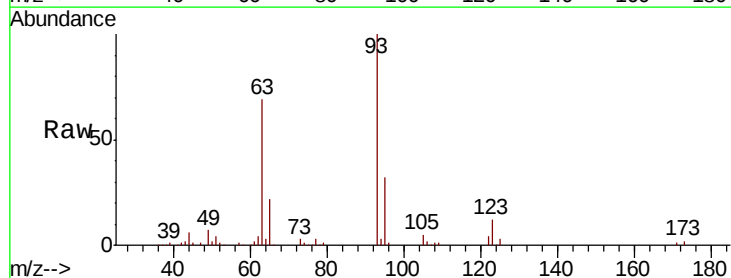
Instrument :
 BNA_G
 ClientSampled :

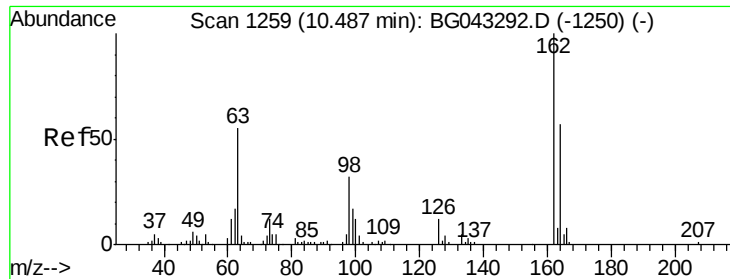
Tot Ion:122 Resp: 94801
 Ion Ratio Lower Upper
 122 100
 107 123.4 104.4 156.6
 121 56.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.020 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion: 93 Resp: 111631
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.0 39.0
 123 12.5 10.6 15.8

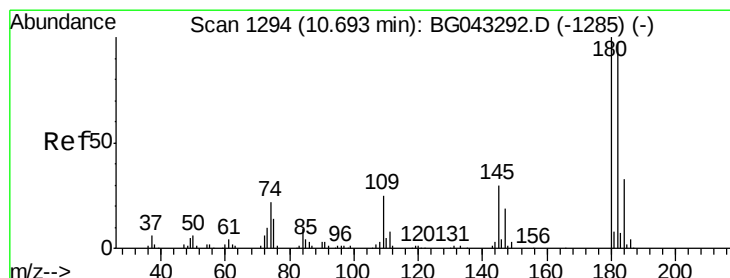
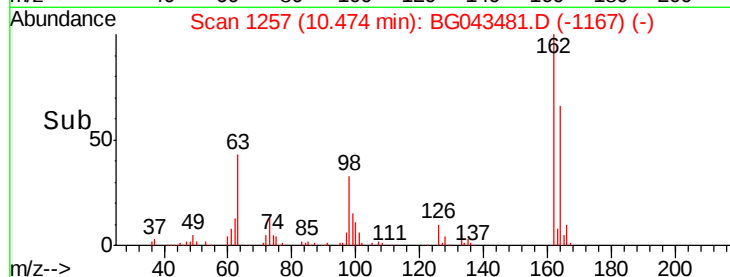
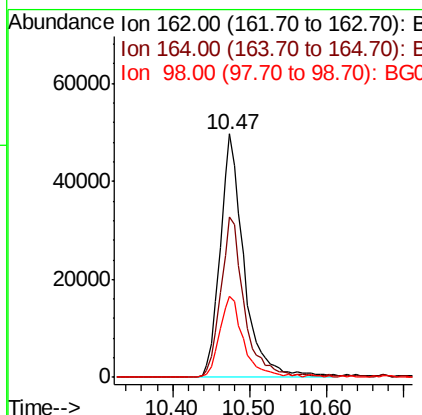
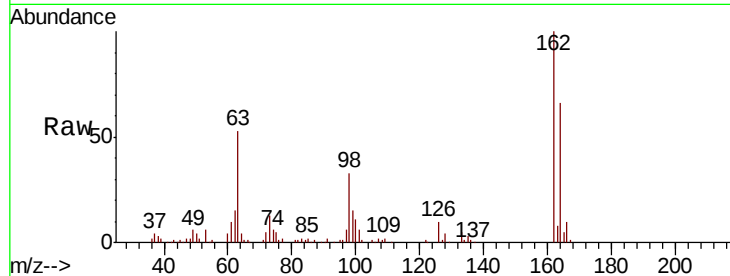




#29
2,4-Dichlorophenol
Concen: 45.714 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

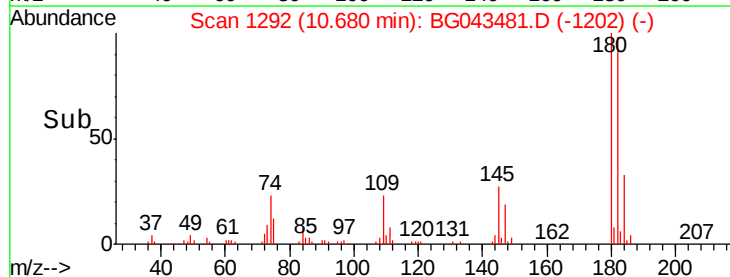
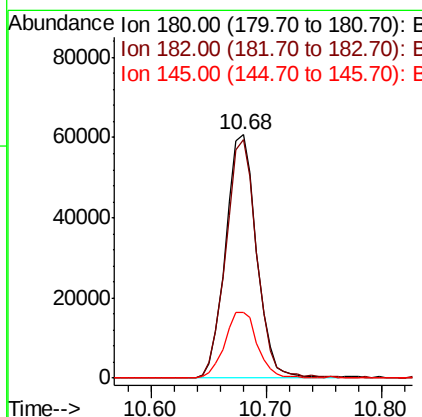
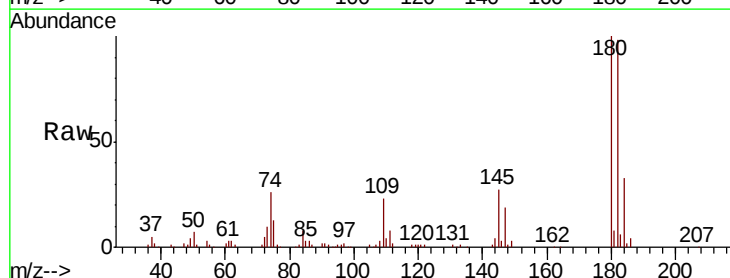
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.9	88.9
98	33.1	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 38.451 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.1	112.7
145	27.0	23.9	35.9

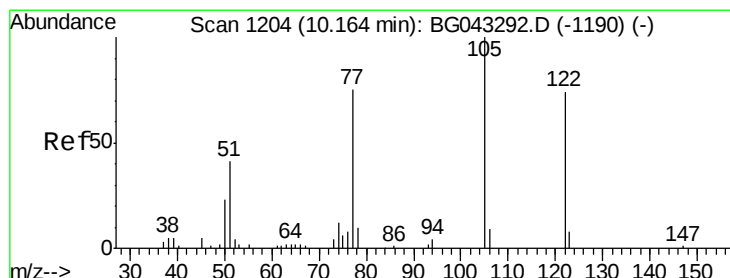
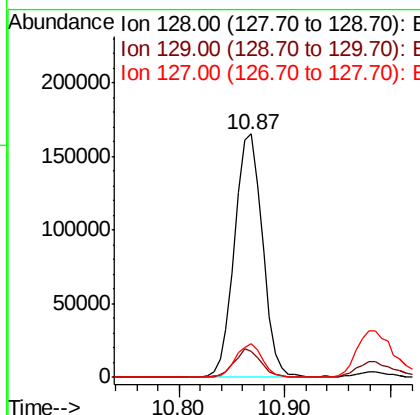
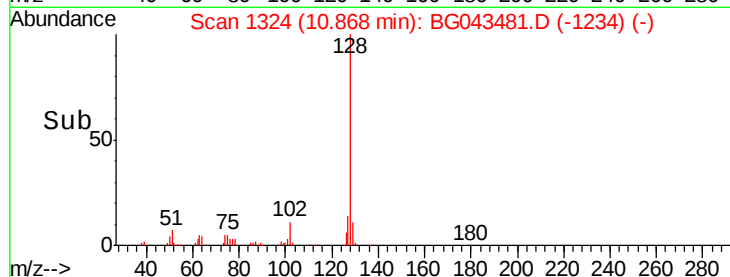
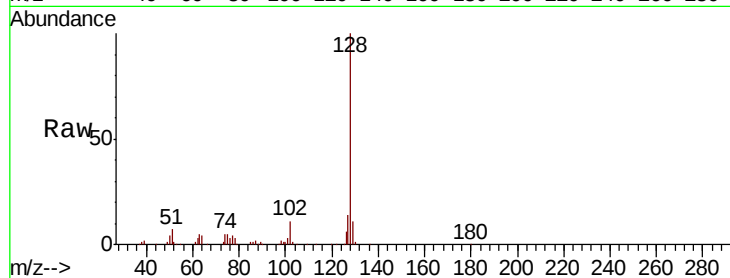




#31
Naphthalene
Concen: 41.909 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

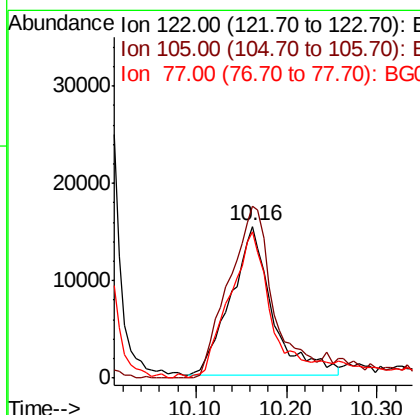
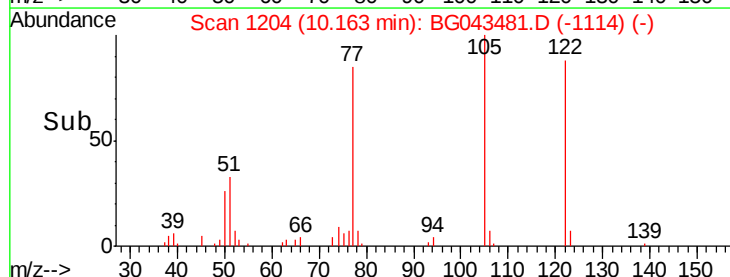
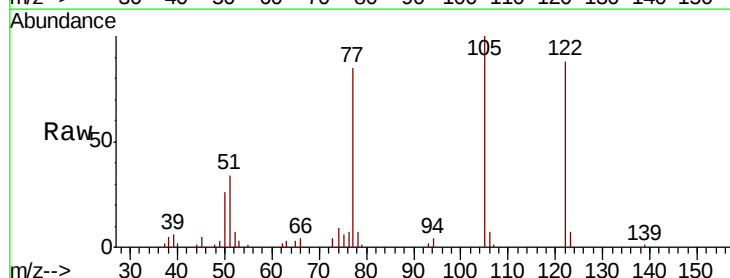
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 303162
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 37.827 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:122 Resp: 49341
Ion Ratio Lower Upper
122 100
105 113.3 103.3 143.3
77 96.2 84.9 124.9

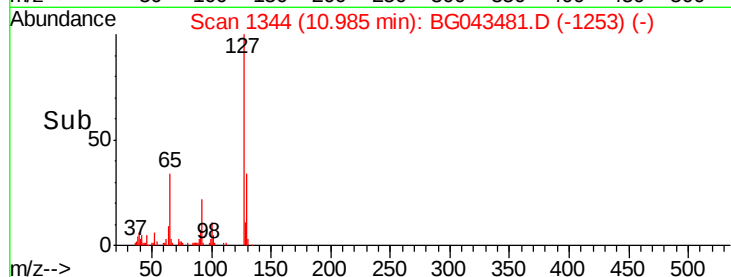
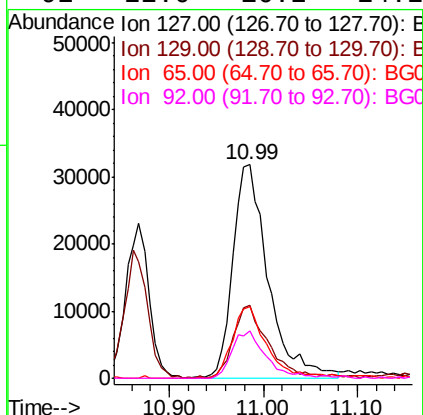
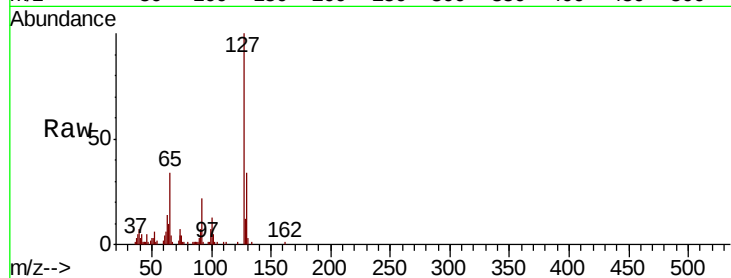




#33
4-Chloroaniline
Concen: 27.905 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

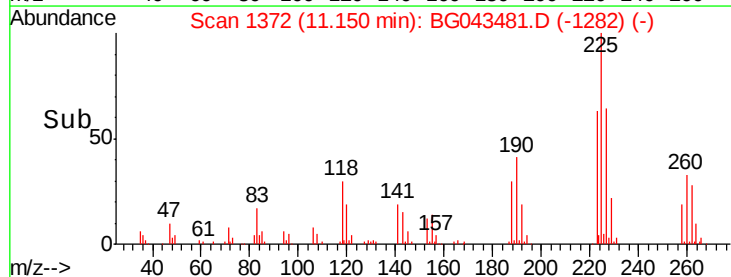
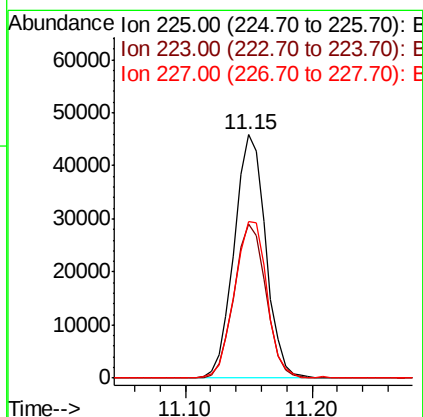
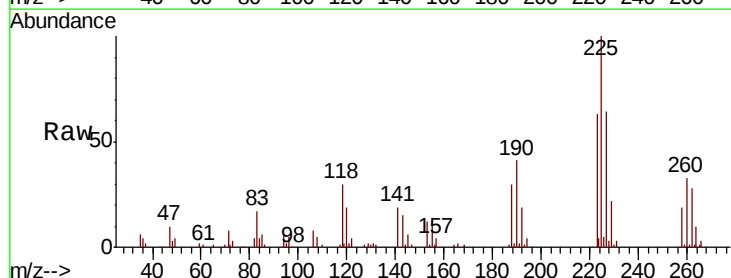
Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	82747
Ion Ratio	Lower	Upper
127	100	
129	34.4	26.5 39.7
65	33.8	26.4 39.6
92	22.0	16.2 24.2



#34
Hexachlorobutadiene
Concen: 36.234 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:225	Resp:	78816
Ion Ratio	Lower	Upper
225	100	
223	63.3	52.7 79.1
227	64.1	54.8 82.2





#35

Caprolactam

Concen: 19.736 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

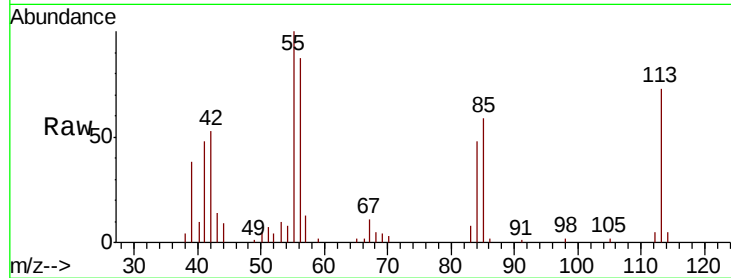
Tot Ion:113 Resp: 15869

Ion Ratio Lower Upper

113 100

55 136.9 134.1 174.1

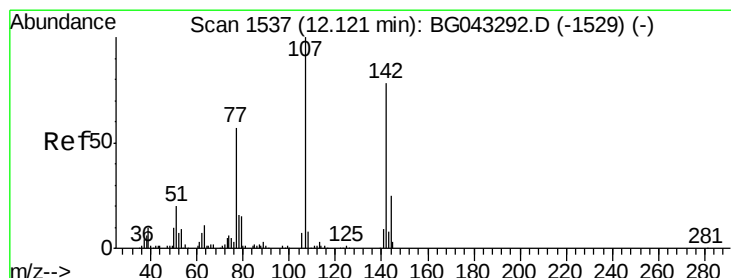
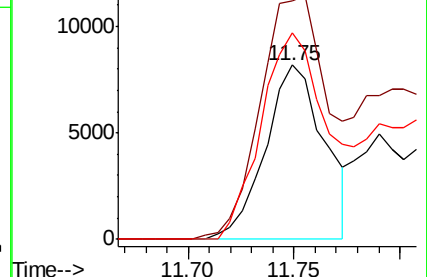
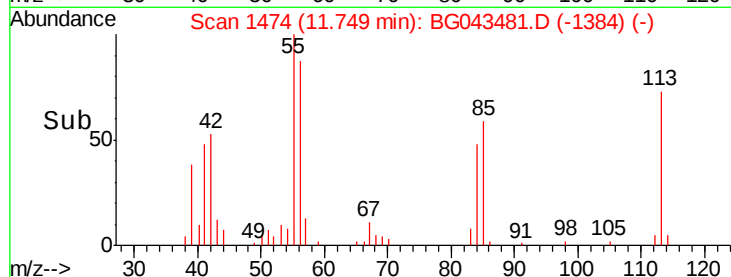
56 118.9 100.4 140.4



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: 44.595 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

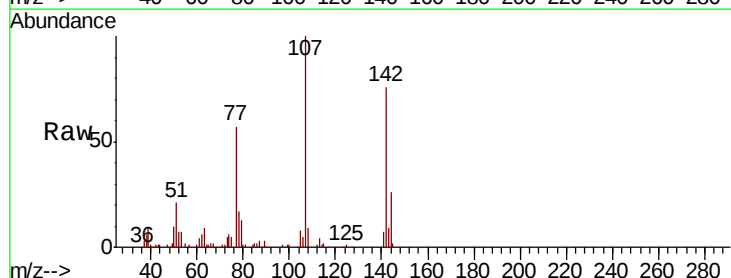
Tgt Ion:107 Resp: 113567

Ion Ratio Lower Upper

107 100

144 25.7 20.9 31.3

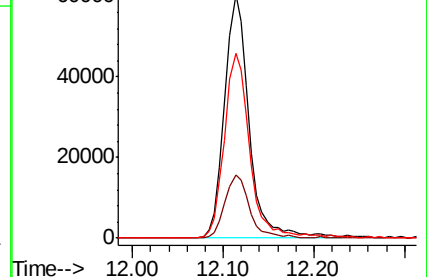
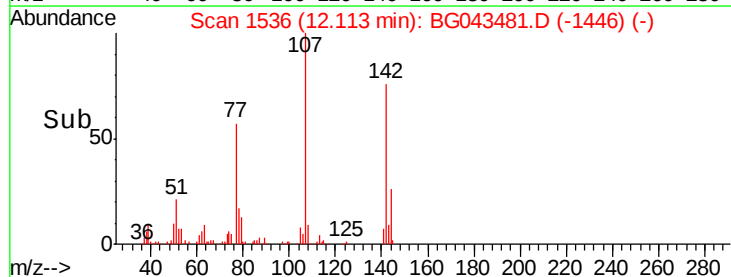
142 76.1 59.6 89.4

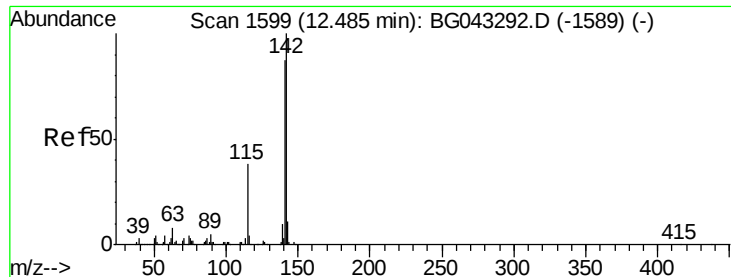


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

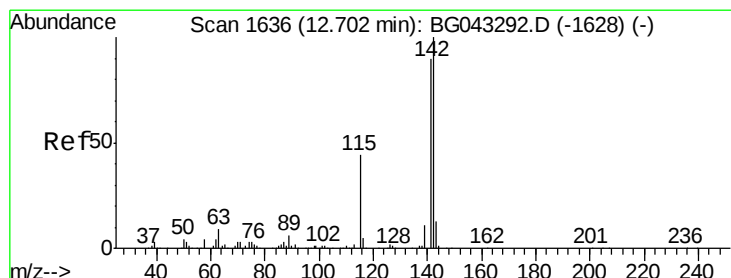
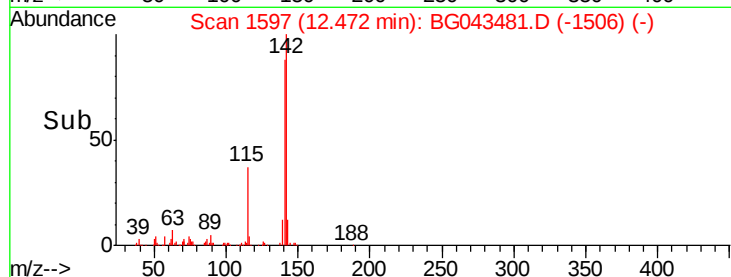
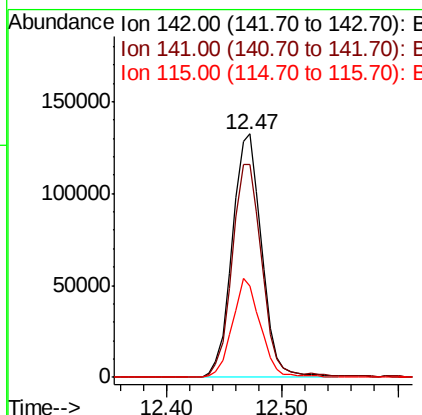
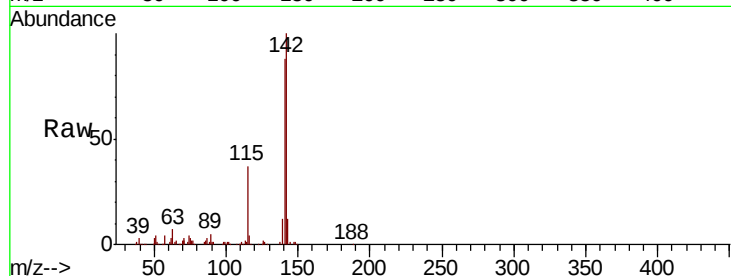




#37
 2-Methylnaphthalene
 Concen: 42.183 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

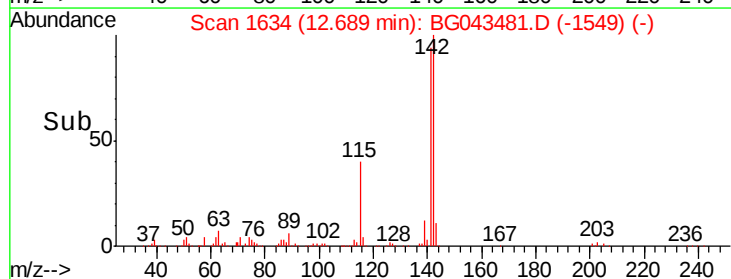
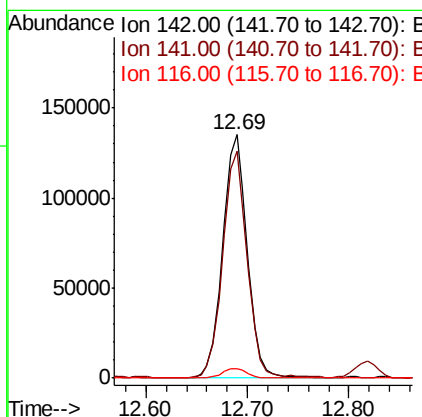
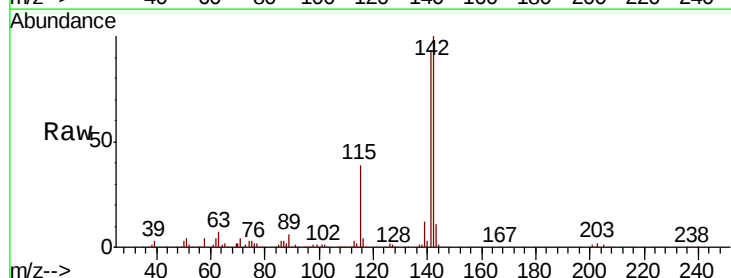
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2
115	37.4	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 42.445 ng
 RT: 12.69 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.2	109.8
116	3.9	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

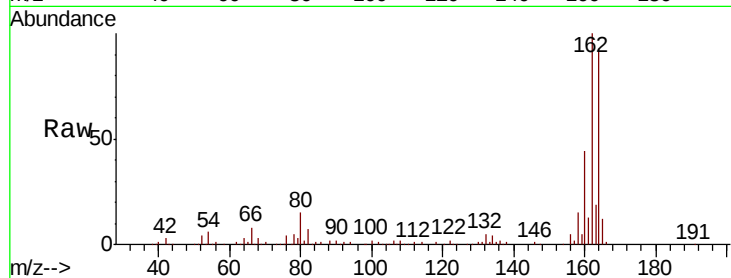
Tot Ion:164 Resp: 120554

Ion Ratio Lower Upper

164 100

162 108.0 83.5 125.3

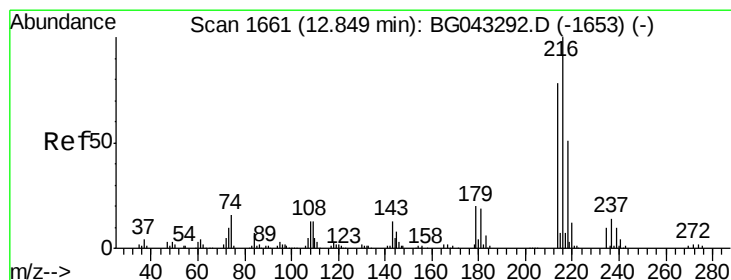
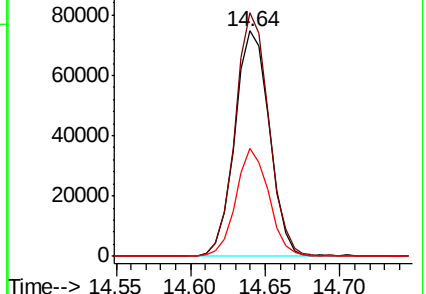
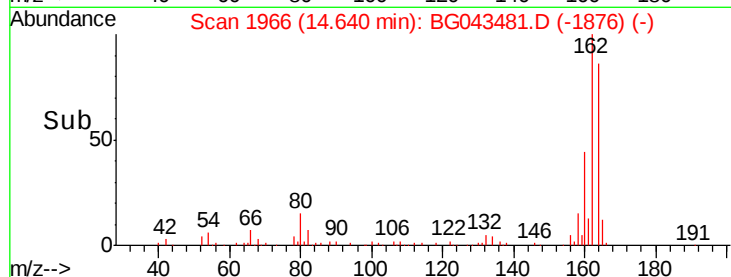
160 47.8 36.5 54.7



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: 33.400 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:216 Resp: 149015

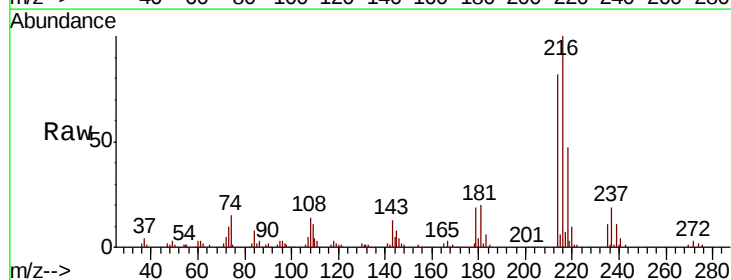
Ion Ratio Lower Upper

216 100

214 78.9 61.7 92.5

179 19.3 15.8 23.8

108 16.1 11.5 17.3

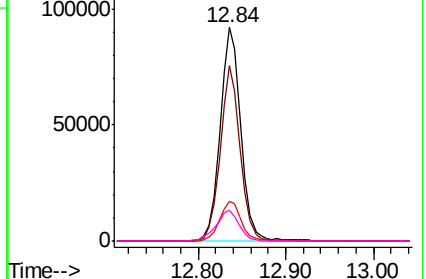
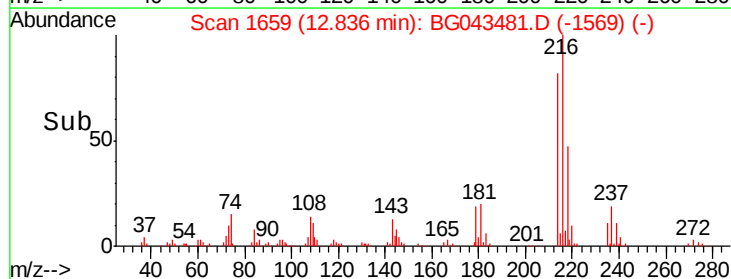


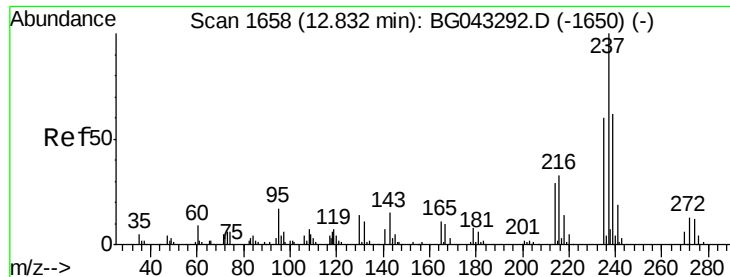
Abundance Ion 216.00 (215.70 to 216.70): E

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

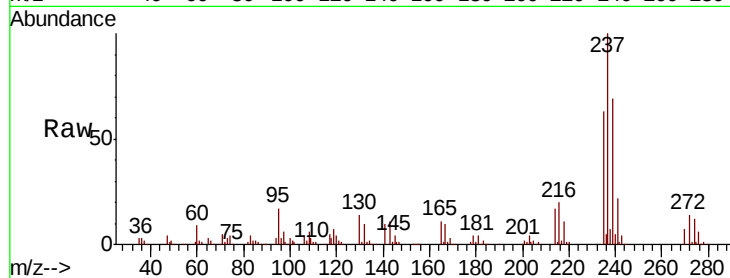




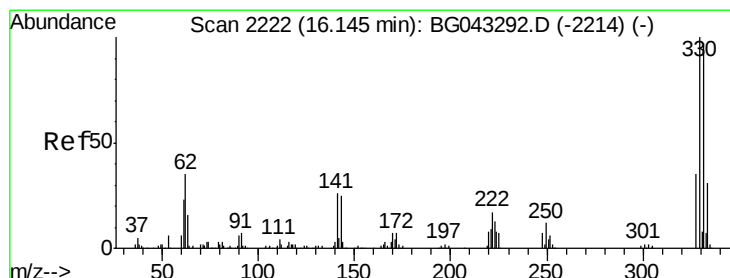
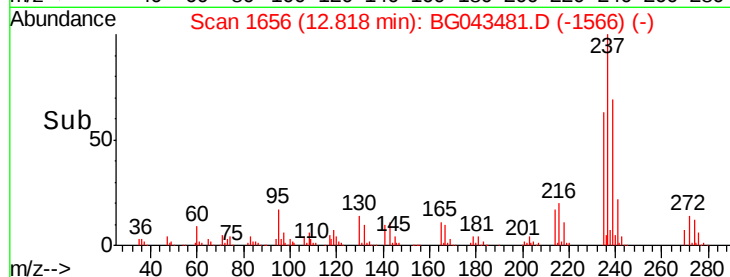
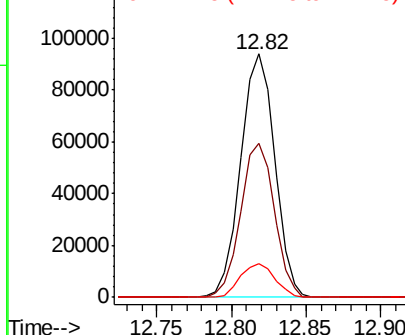
#41
Hexachlorocyclopentadiene
Concen: 63.444 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 148692
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 13.8 0.0 32.5

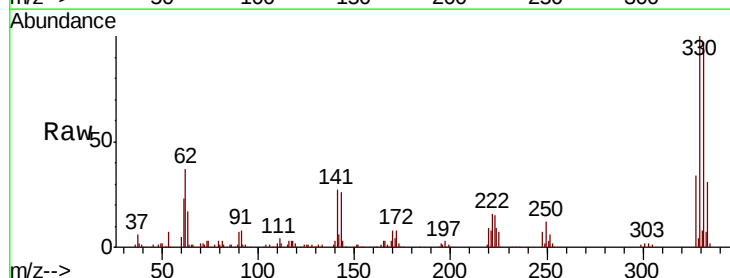


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

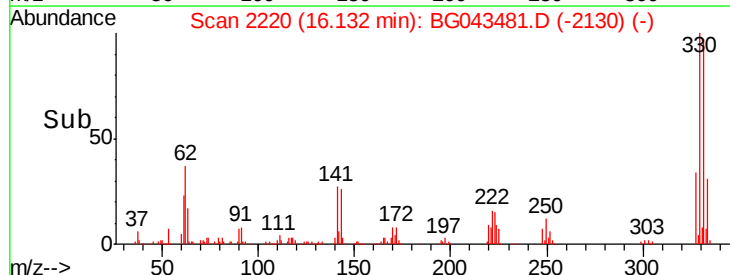
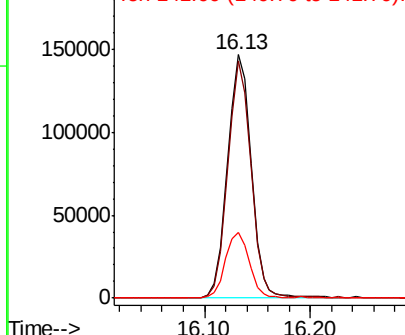


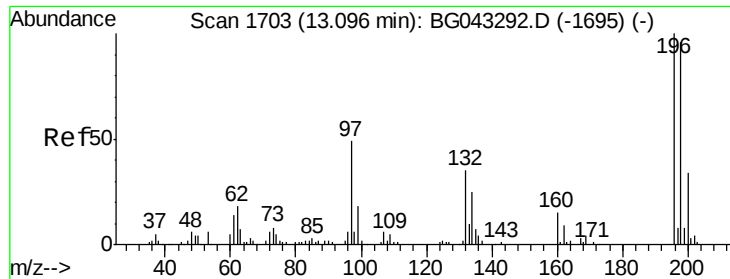
#42
2,4,6-Tribromophenol
Concen: 99.585 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:330 Resp: 228462
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 27.4 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

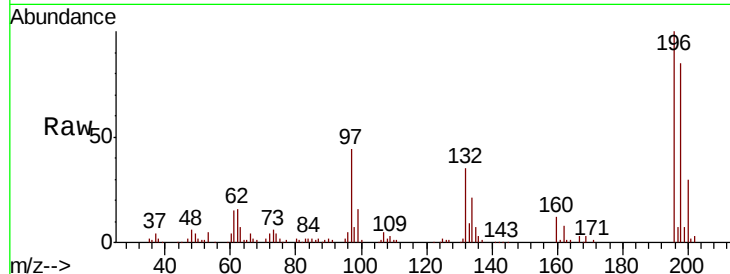




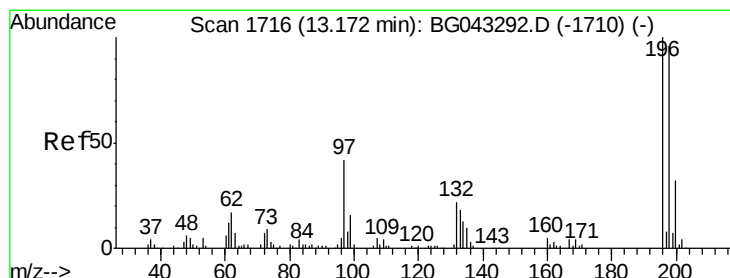
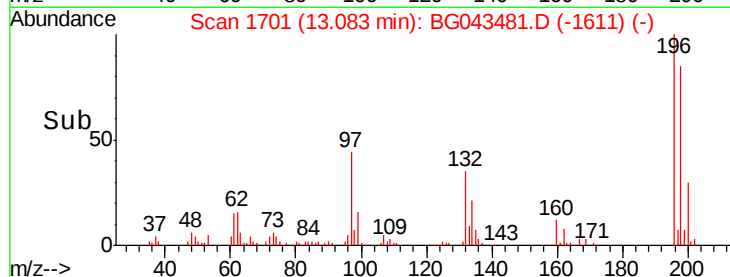
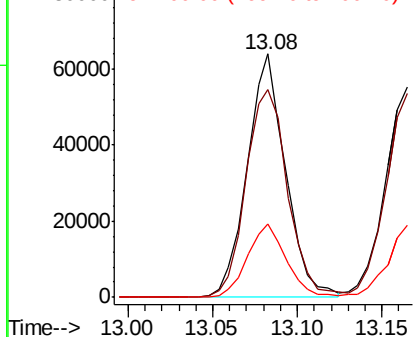
#43
 2,4,6-Trichlorophenol
 Concen: 38.420 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 100947
 Ion Ratio Lower Upper
 196 100
 198 85.3 75.8 113.6
 200 30.0 23.9 35.9



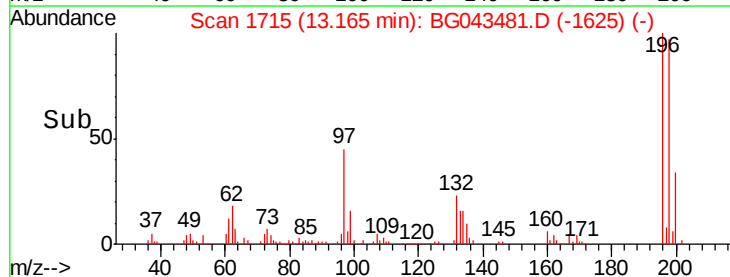
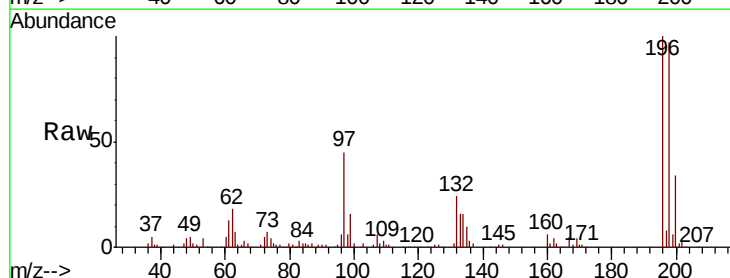
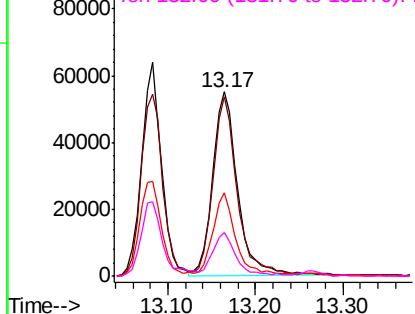
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

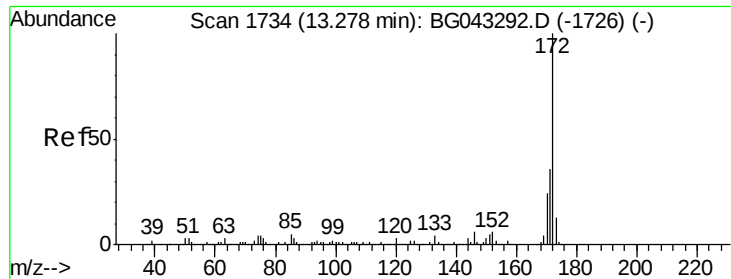


#44
 2,4,5-Trichlorophenol
 Concen: 40.937 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:196 Resp: 108741
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.5 111.7
 97 44.9 36.3 54.5
 132 23.7 17.4 26.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

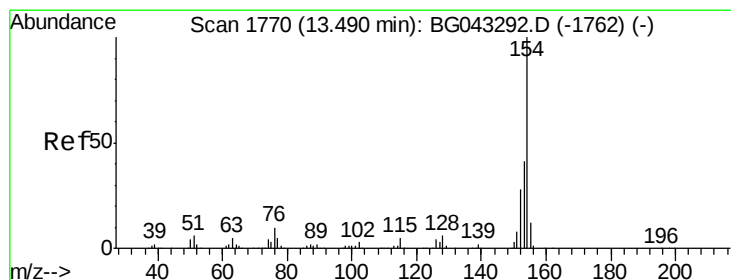
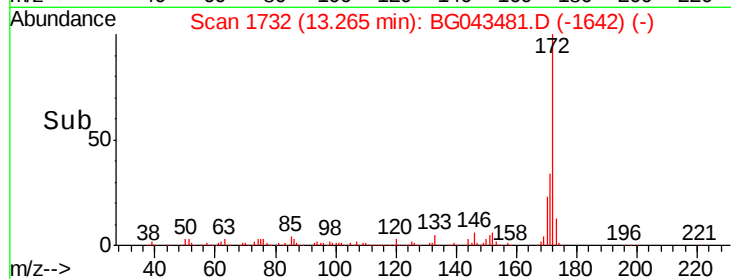
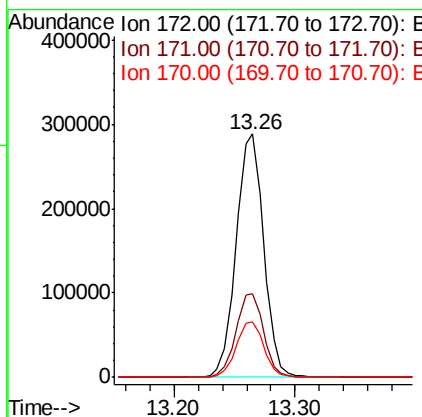
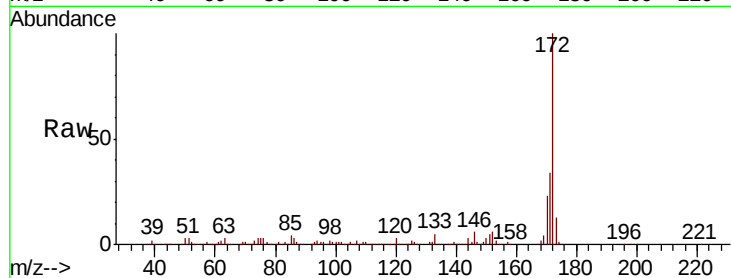




#45
2-Fluorobiphenyl
Concen: 52.700 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

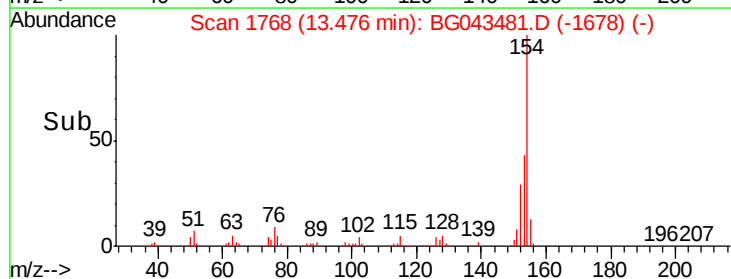
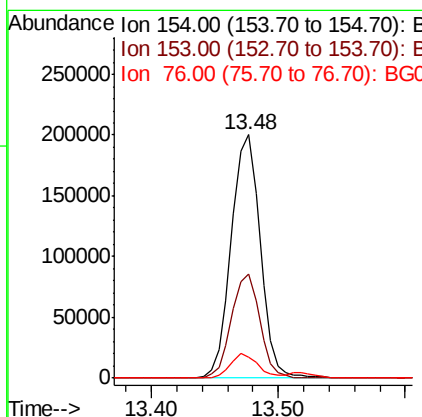
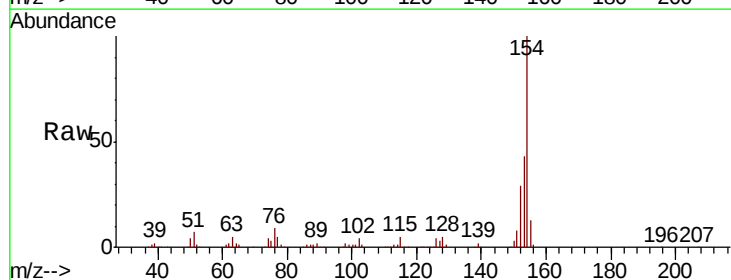
Instrument :
BNA_G
ClientSampleId :

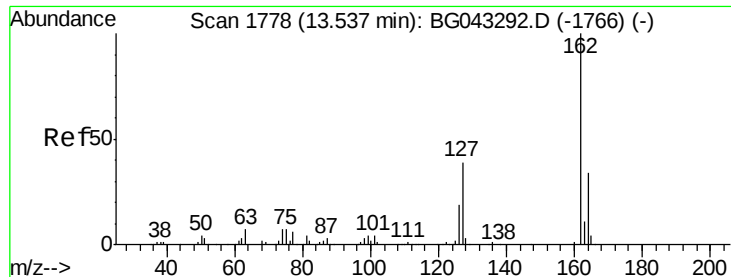
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	23.0	18.5	27.7



#46
1,1'-Biphenyl
Concen: 34.638 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.9	59.9
76	8.8	0.0	29.4

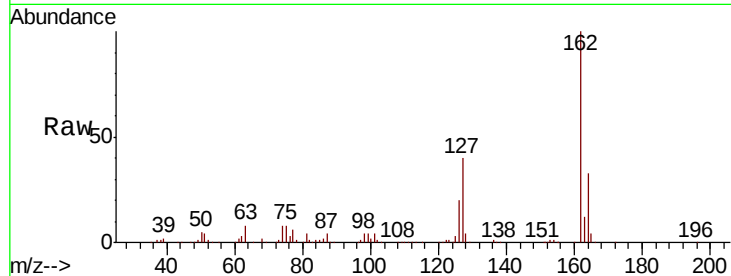




#47
2-Chloronaphthalene
Concen: 34.626 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	33.1	25.8	38.8

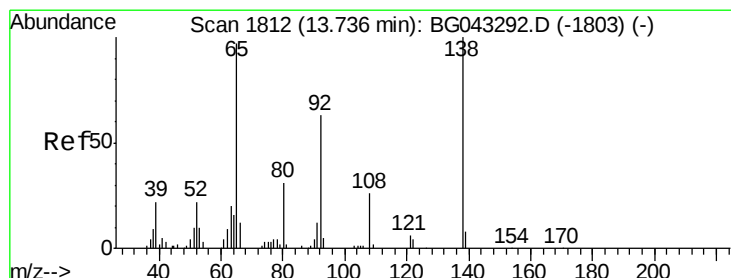
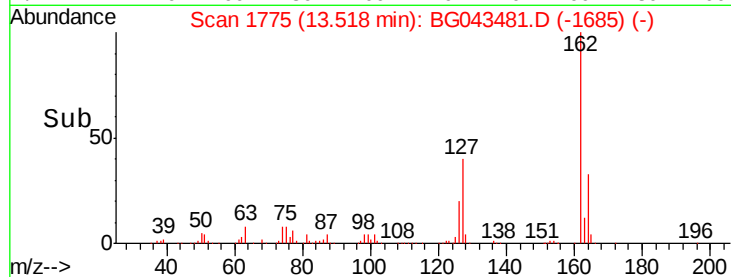
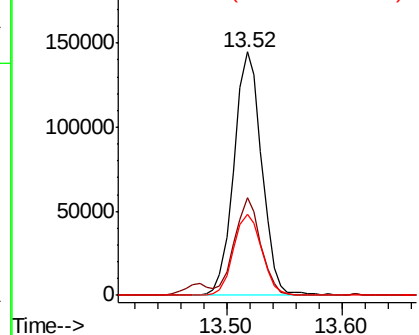


Abundance

Ion 162.00 (161.70 to 162.70): E

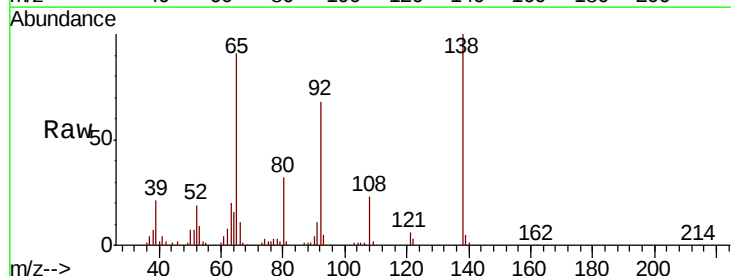
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 34.979 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	56.2	84.2
138	110.4	82.6	123.8

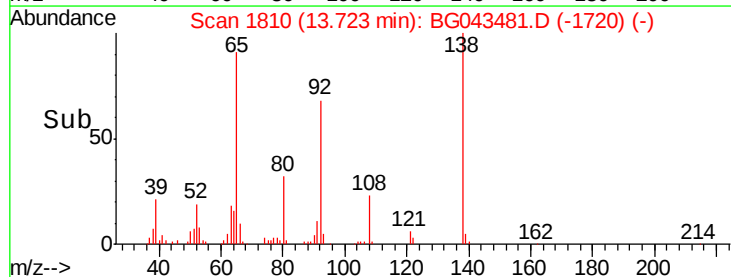
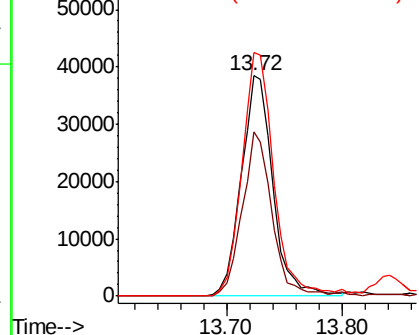


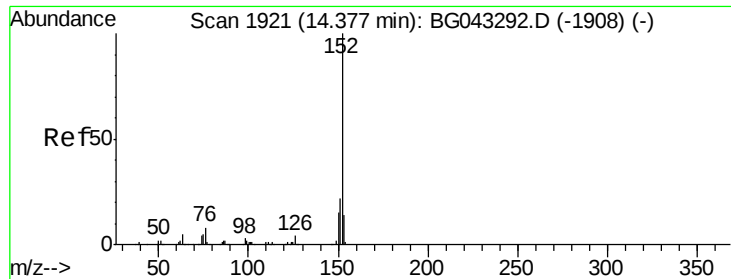
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.853 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

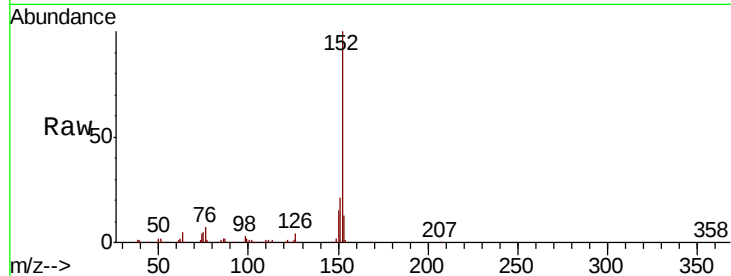
Tot Ion:152 Resp: 400236

Ion Ratio Lower Upper

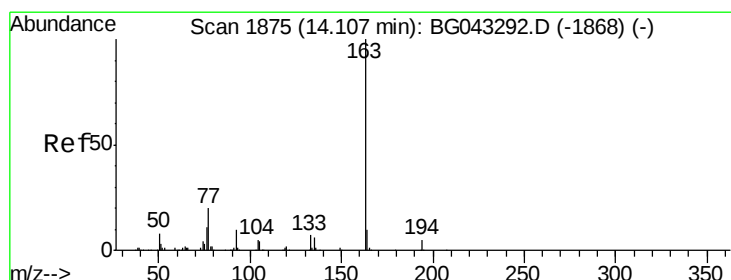
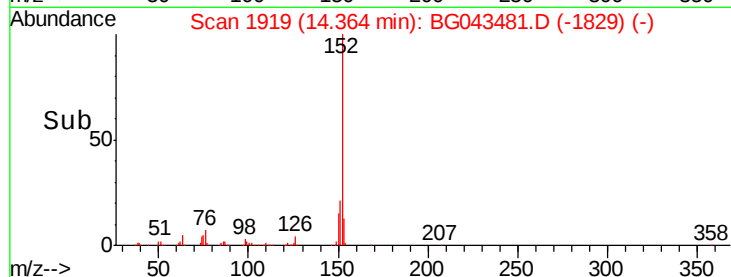
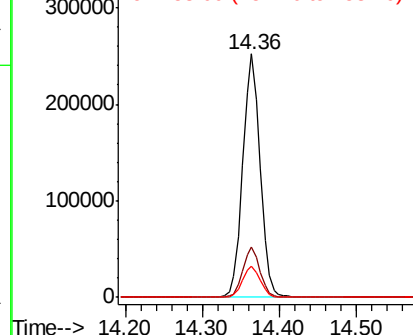
152 100

151 20.7 16.2 24.4

153 12.7 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: 35.364 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

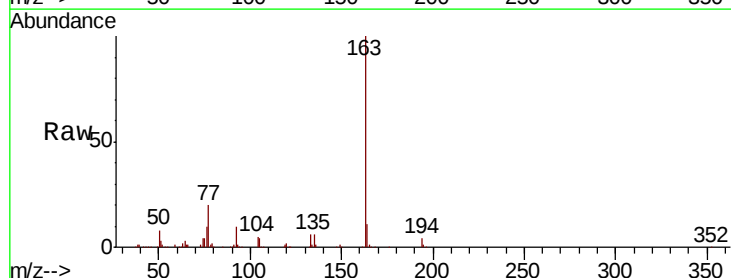
Tgt Ion:163 Resp: 330219

Ion Ratio Lower Upper

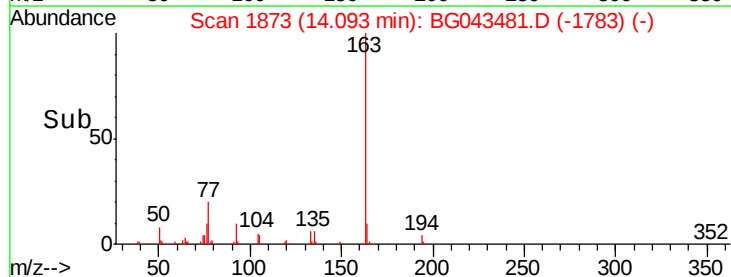
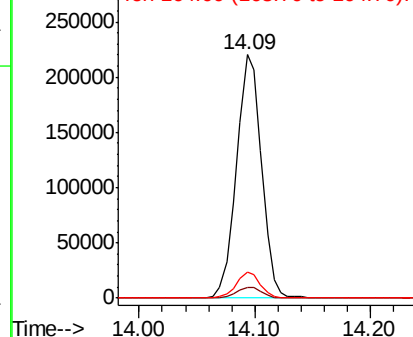
163 100

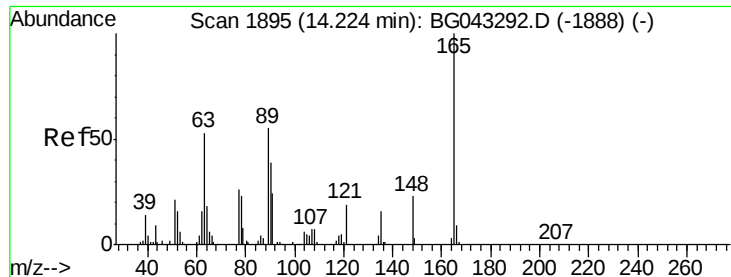
194 4.4 3.8 5.6

164 10.5 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: 36.797 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

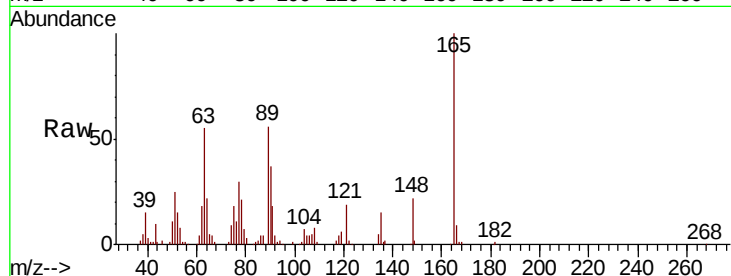
Tot Ion:165 Resp: 74646

Ion Ratio Lower Upper

165 100

63 54.5 46.6 69.8

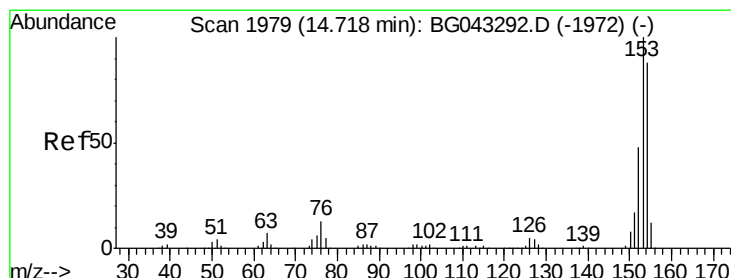
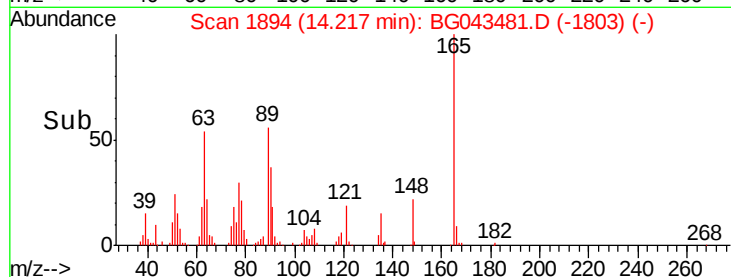
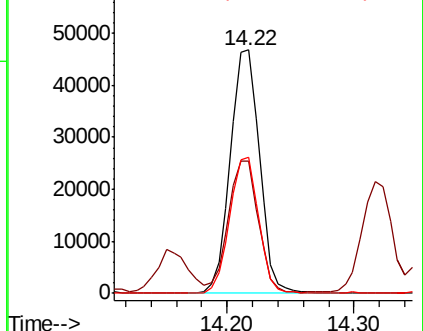
89 55.8 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.541 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

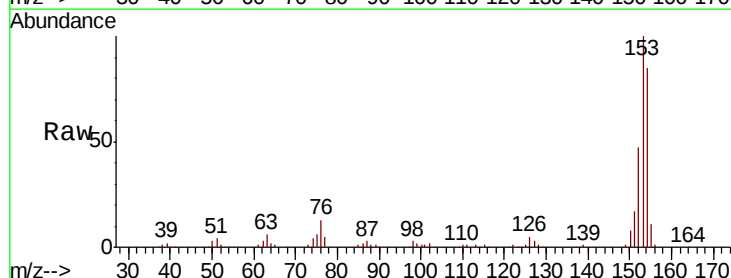
Tgt Ion:154 Resp: 235384

Ion Ratio Lower Upper

154 100

153 117.1 88.2 132.2

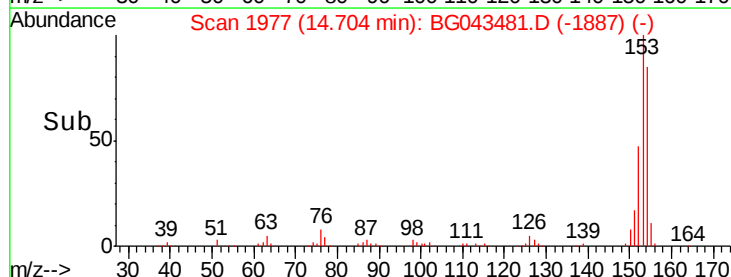
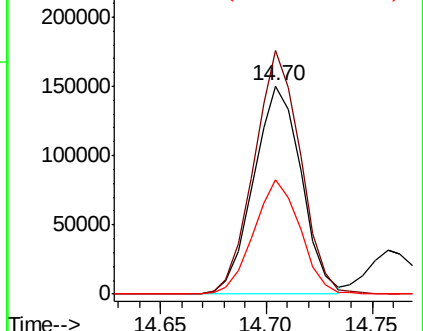
152 55.0 40.0 60.0

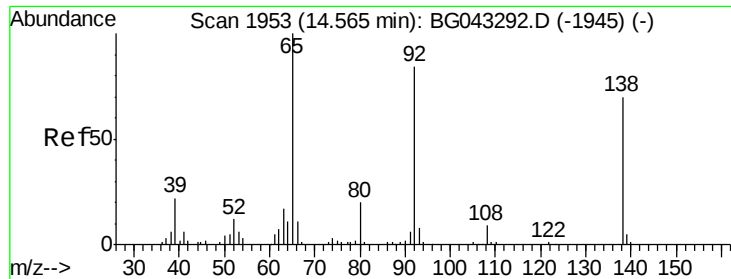


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.600 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

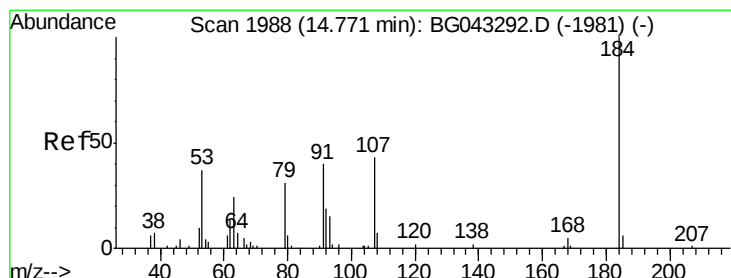
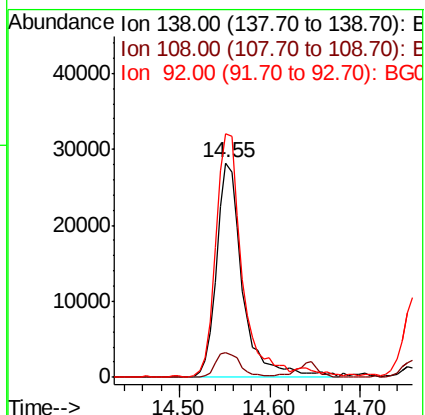
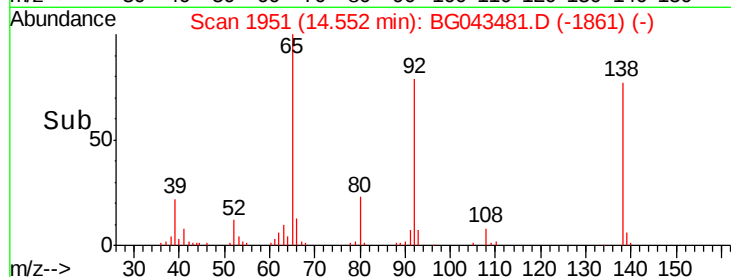
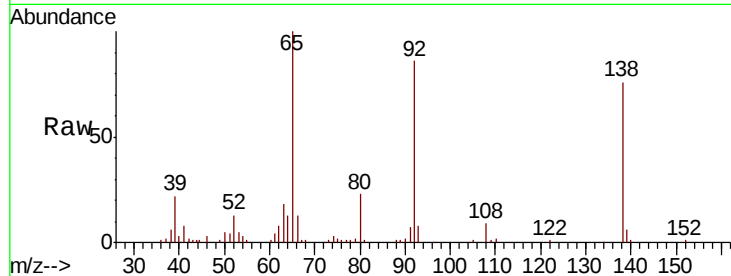
Tot Ion:138 Resp: 56015

Ion Ratio Lower Upper

138 100

108 11.2 8.0 12.0

92 113.5 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 69.168 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

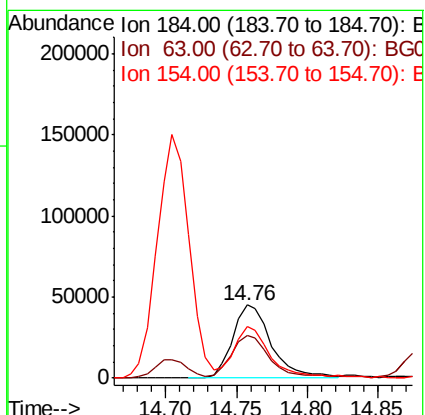
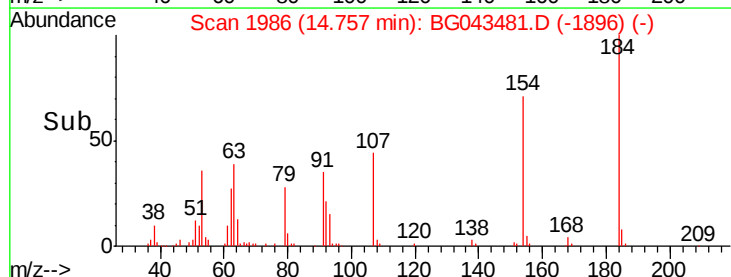
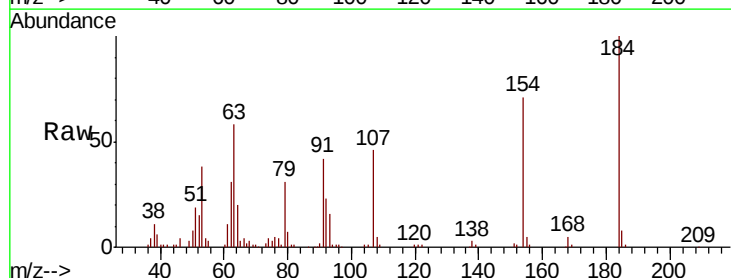
Tgt Ion:184 Resp: 86245

Ion Ratio Lower Upper

184 100

63 58.0 51.3 76.9

154 71.2 55.4 83.0

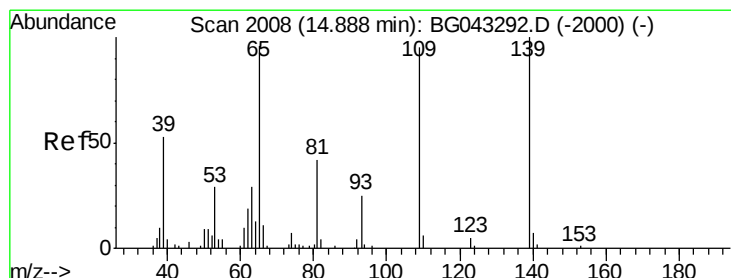
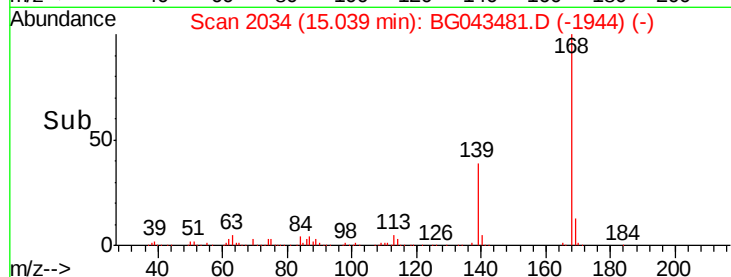
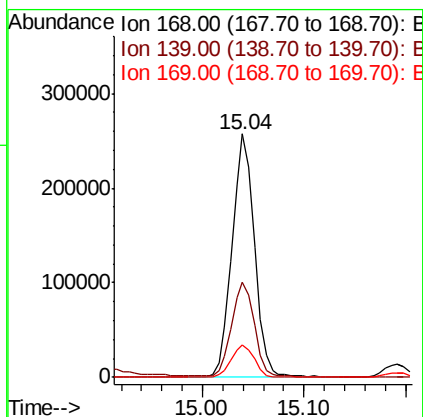
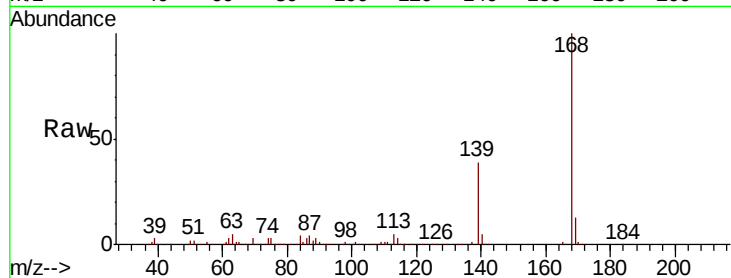




#55
Dibenzofuran
Concen: 36.823 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

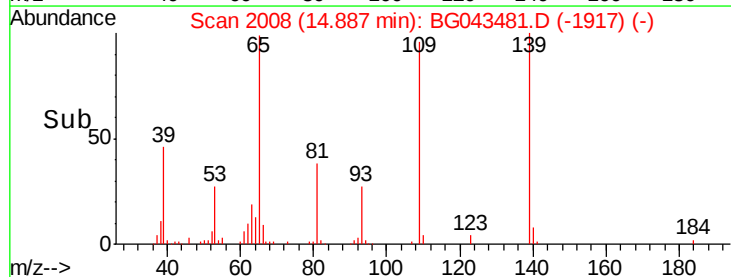
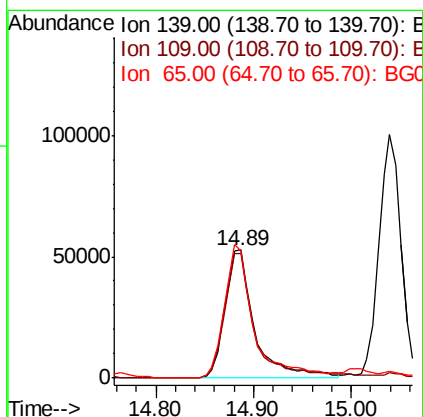
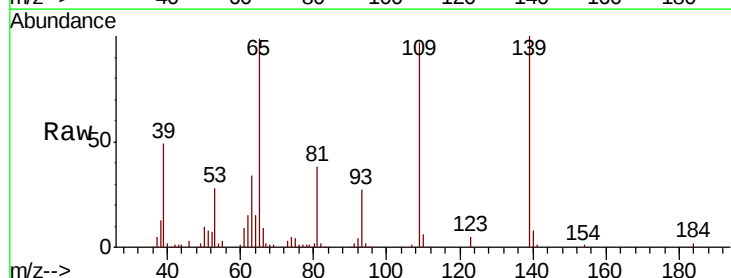
Instrument :
BNA_G
ClientSampleId :

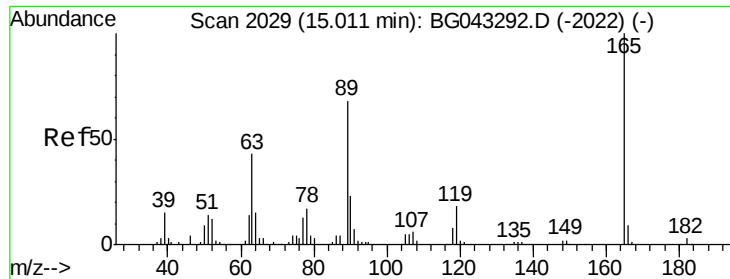
Tot Ion:168 Resp: 395488
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 13.2 11.7 17.5



#56
4-Nitrophenol
Concen: 85.624 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:139 Resp: 112382
Ion Ratio Lower Upper
139 100
109 97.2 87.2 127.2
65 98.7 83.8 123.8

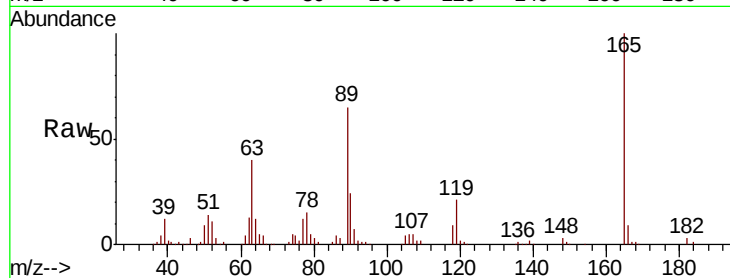




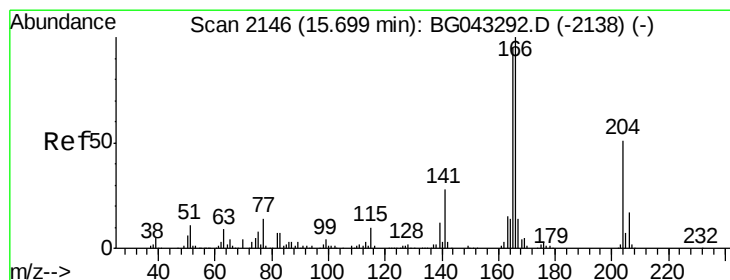
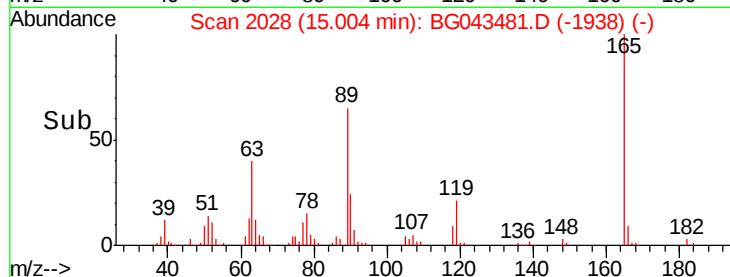
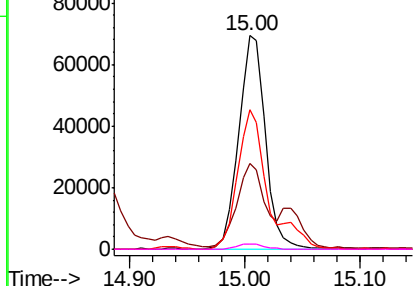
#57
2,4-Dinitrotoluene
Concen: 38.370 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:	165	Resp:	111239
Ion	Ratio	Lower	Upper
165	100		
63	40.3	33.2	49.8
89	65.2	52.2	78.4
182	2.6	2.0	3.0

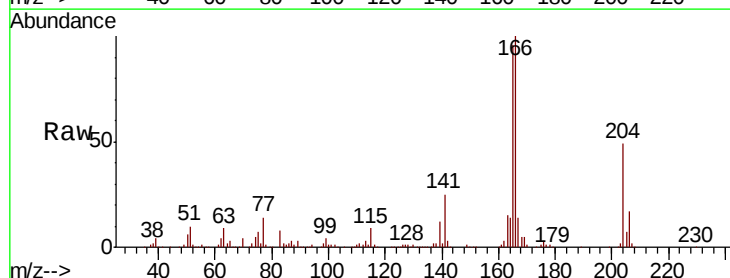


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

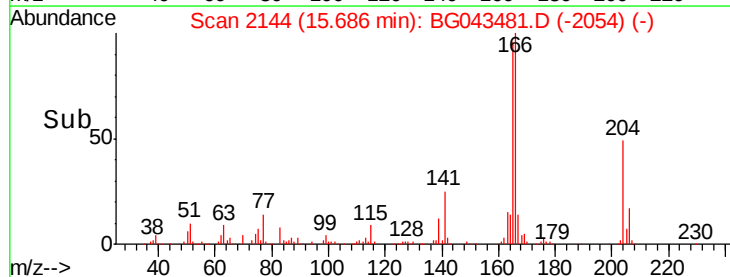
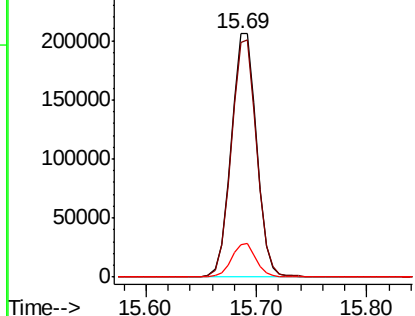


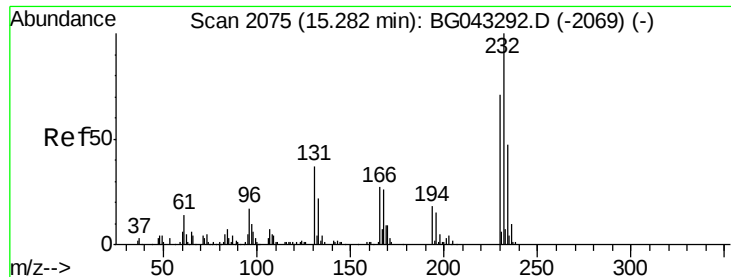
#58
Fluorene
Concen: 36.889 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:	166	Resp:	332293
Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.0	118.6
167	13.6	10.5	15.7



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

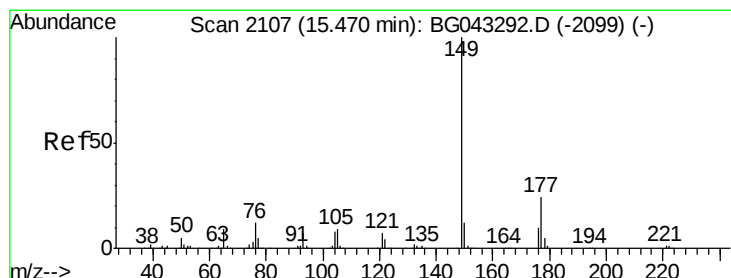
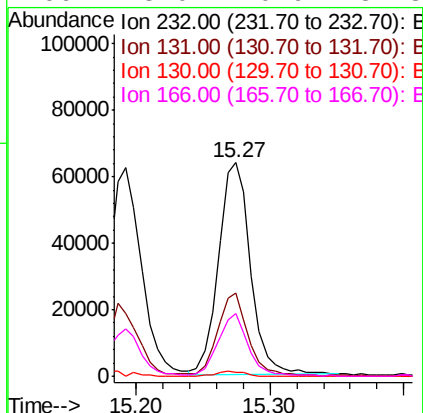
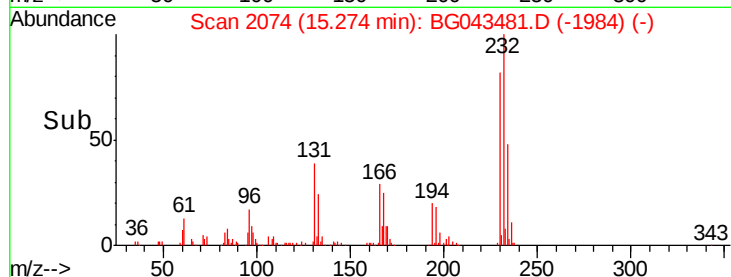
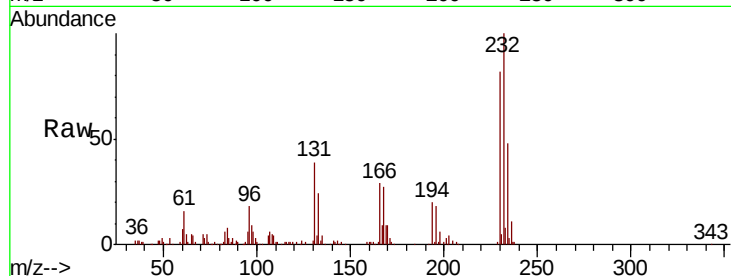




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.244 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

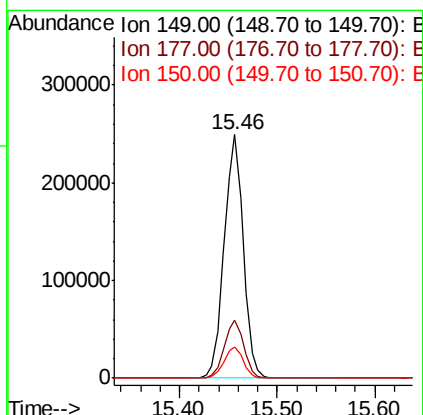
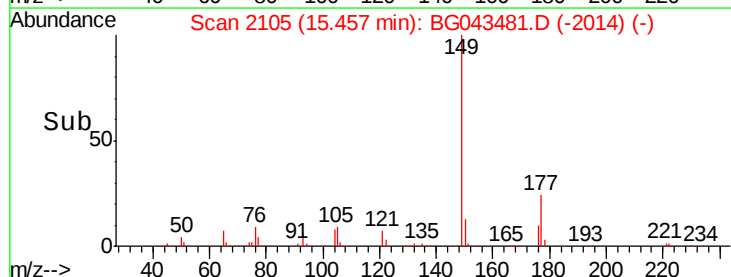
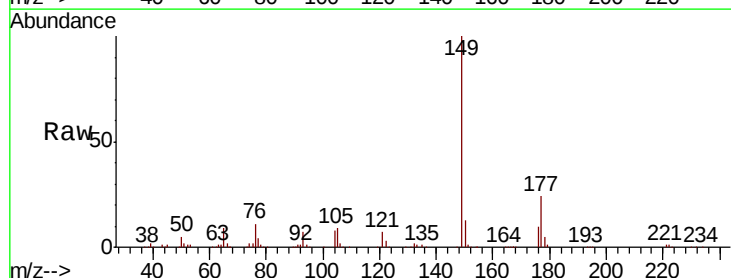
Instrument :
 BNA_G
 ClientSampled :

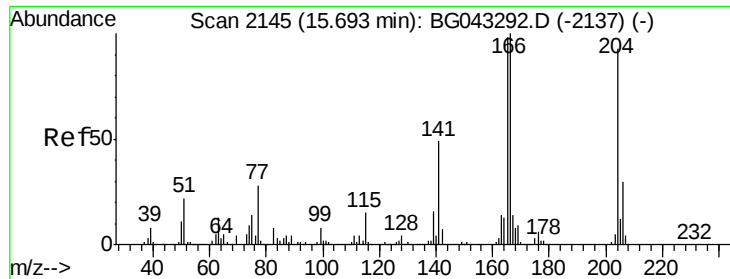
Tot Ion:	232	Resp:	107932
Ion	Ratio	Lower	Upper
232	100		
131	37.7	26.9	40.3
130	1.9	1.8	2.6
166	28.0	20.9	31.3



#60
 Diethylphthalate
 Concen: 35.936 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:	149	Resp:	337171
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.6	29.4
150	12.6	10.8	16.2

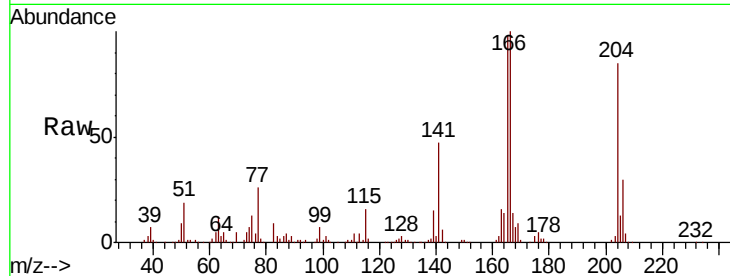




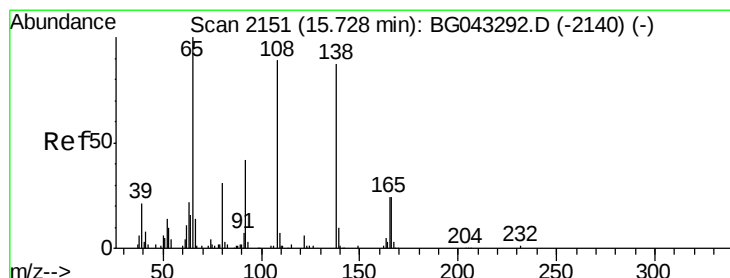
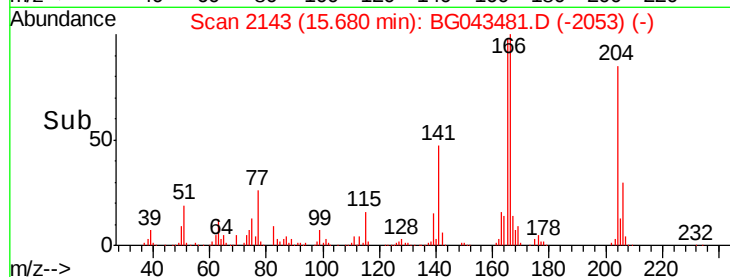
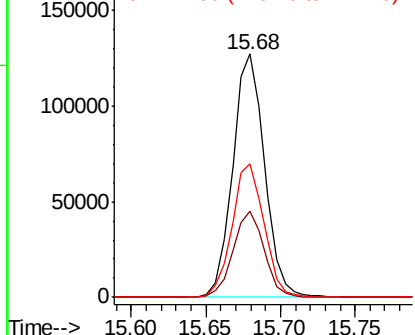
#61
4-Chlorophenyl-phenylether
Concen: 36.043 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 189408
Ion Ratio Lower Upper
204 100
206 35.6 28.4 42.6
141 54.6 43.0 64.6

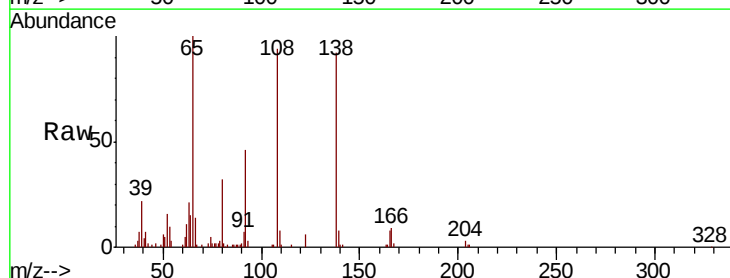


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

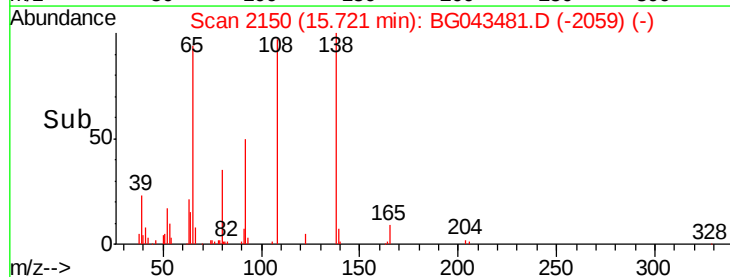
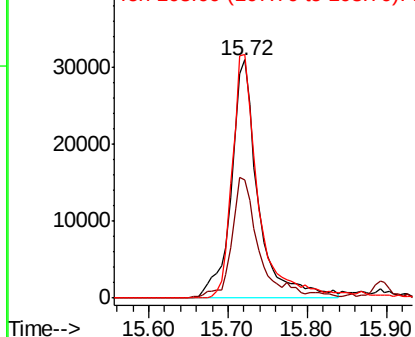


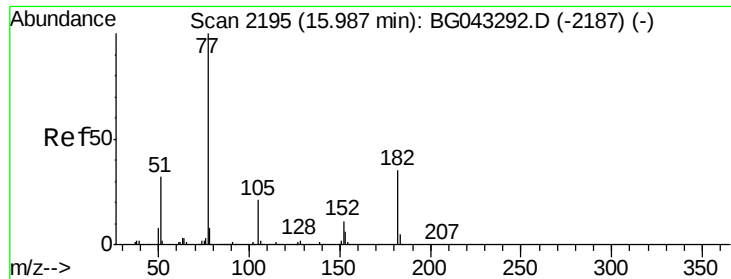
#62
4-Nitroaniline
Concen: 35.893 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:138 Resp: 72602
Ion Ratio Lower Upper
138 100
92 49.6 33.4 73.4
108 102.3 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: 36.268 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 275400

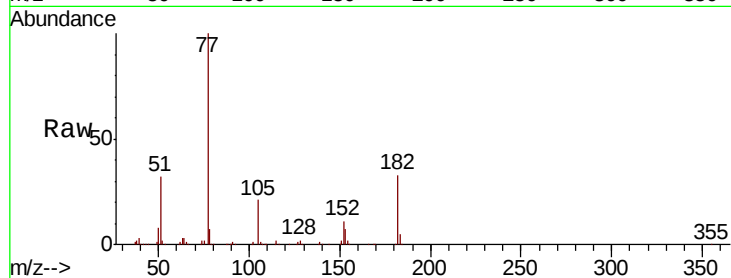
Ion Ratio Lower Upper

77 100

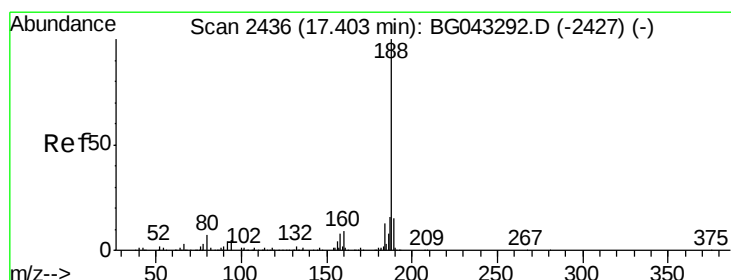
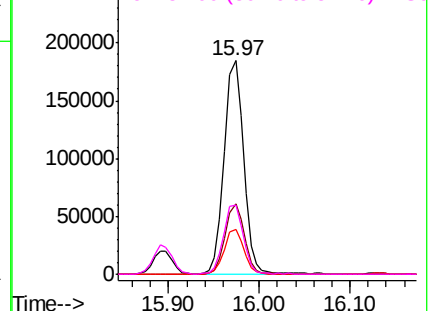
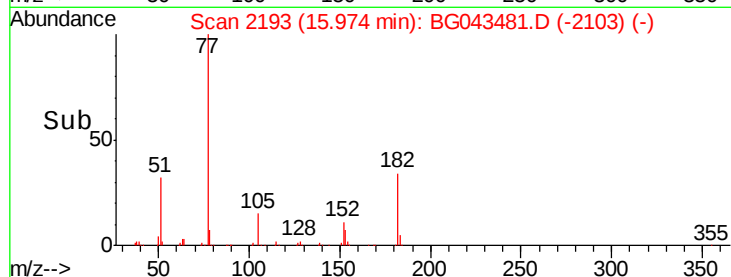
182 32.9 13.7 53.7

105 20.9 0.4 40.4

51 32.5 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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

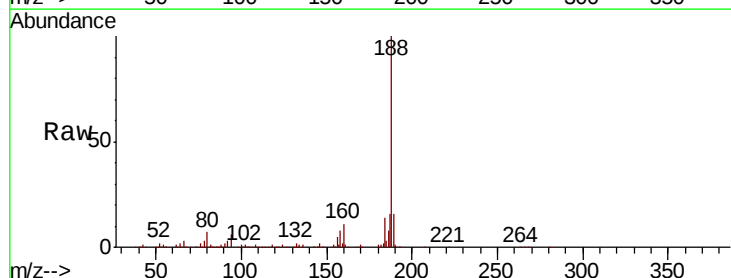
Tgt Ion: 188 Resp: 293057

Ion Ratio Lower Upper

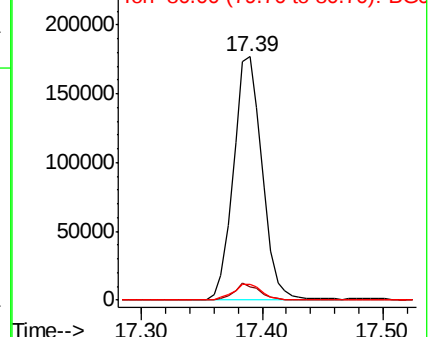
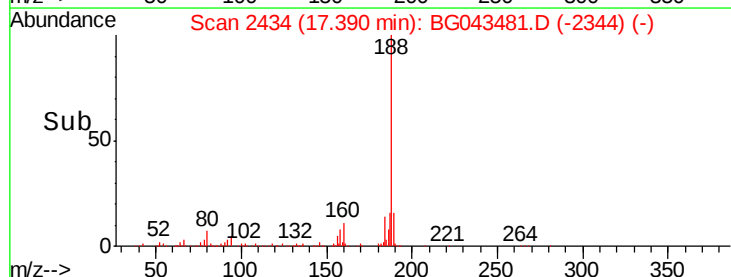
188 100

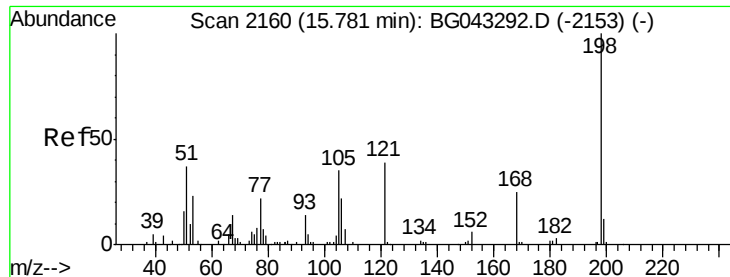
94 5.7 4.2 6.4

80 6.7 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

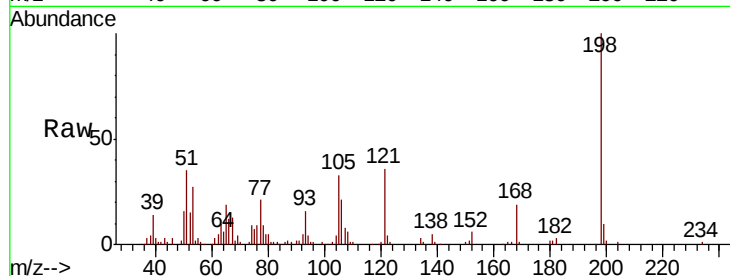




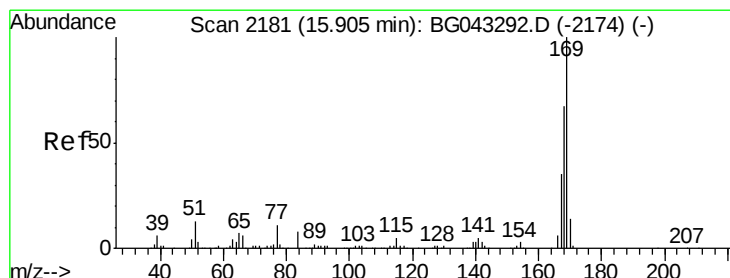
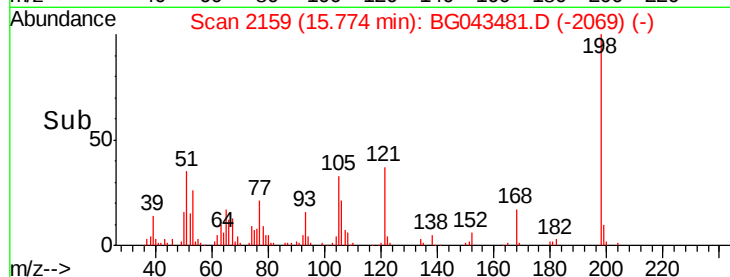
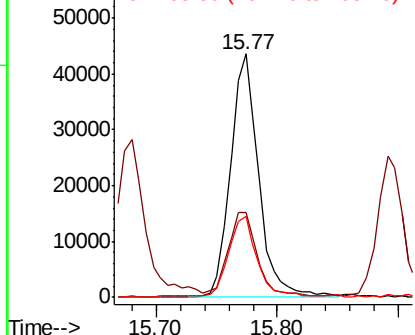
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.039 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 70777
 Ion Ratio Lower Upper
 198 100
 51 34.9 13.2 53.2
 105 33.2 15.8 55.8

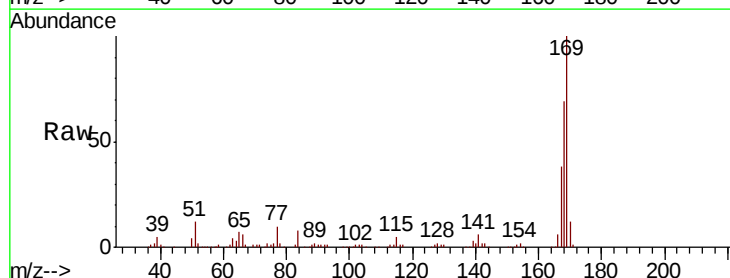


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

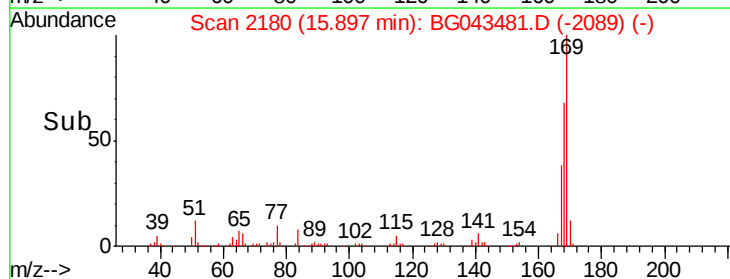
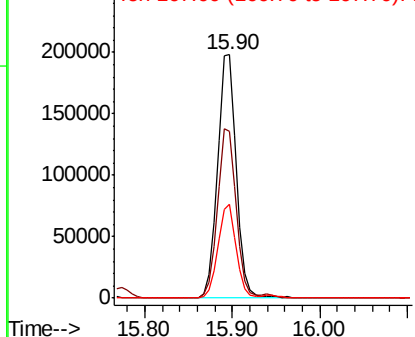


#66
 n-Nitrosodiphenylamine
 Concen: 35.817 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:169 Resp: 296338
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.8 80.6
 167 38.3 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

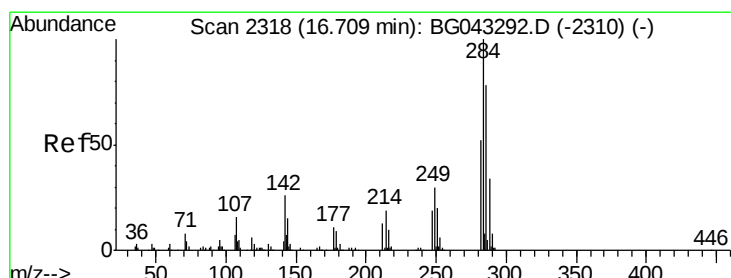
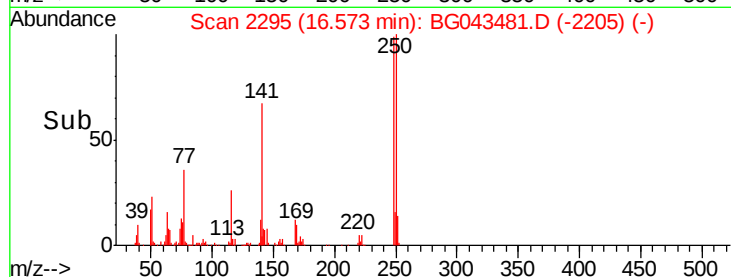
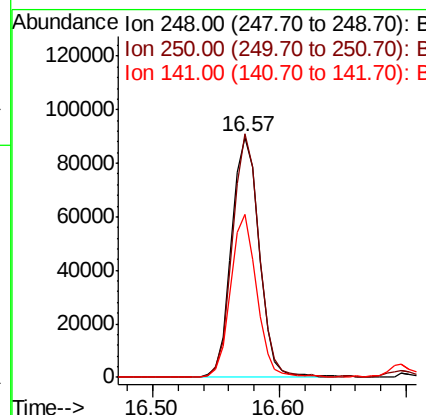
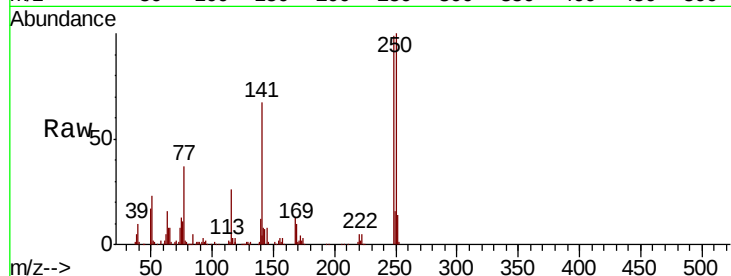




#67
4-Bromophenyl-phenylether
Concen: 34.217 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

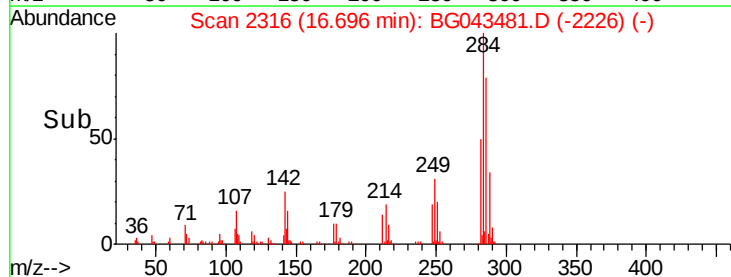
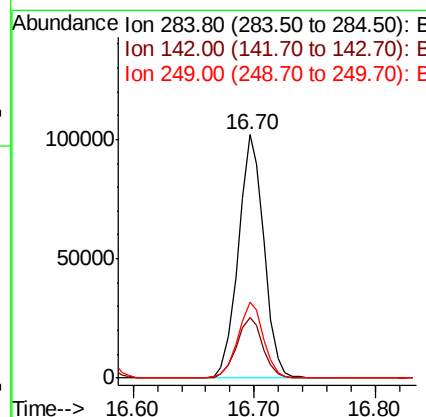
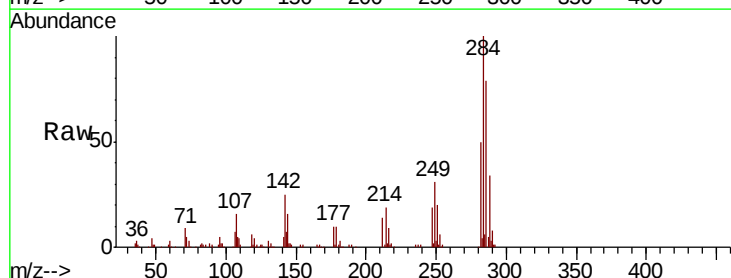
Instrument :
BNA_G
ClientSampleId :

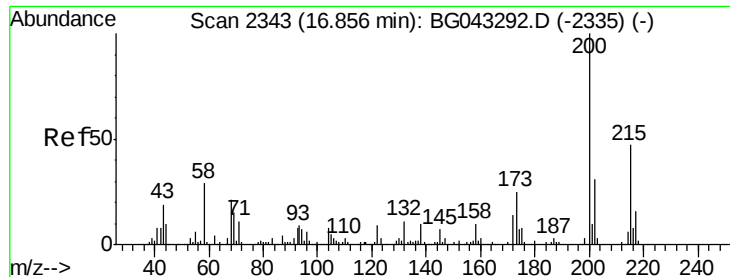
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.0	115.4
141	67.9	47.5	71.3



#68
Hexachlorobenzene
Concen: 33.285 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	19.8	29.8
249	31.0	23.8	35.6





#69

Atrazine

Concen: 45.007 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

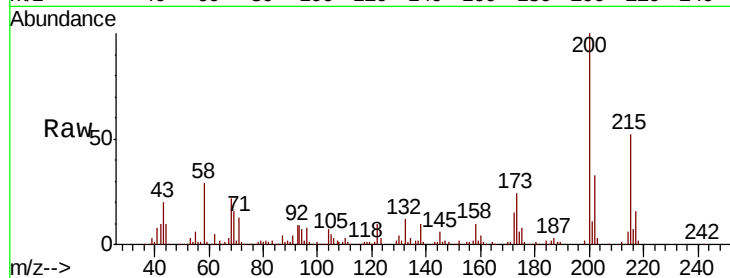
Tot Ion:200 Resp: 129393

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 51.6 28.5 68.5

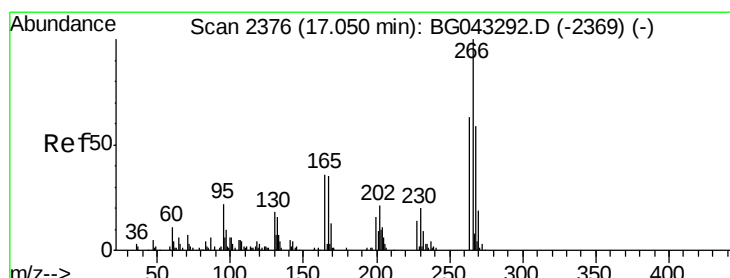
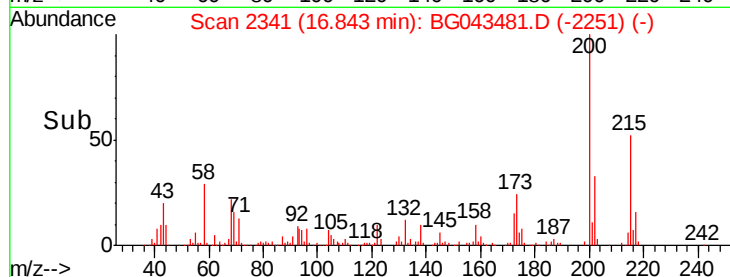
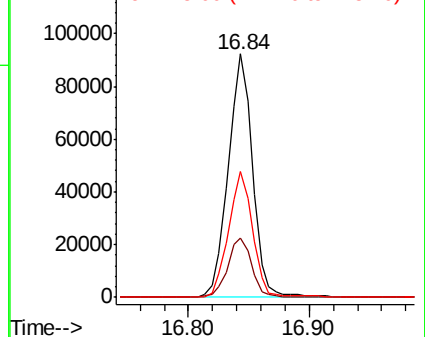


Abundance

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: 78.855 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

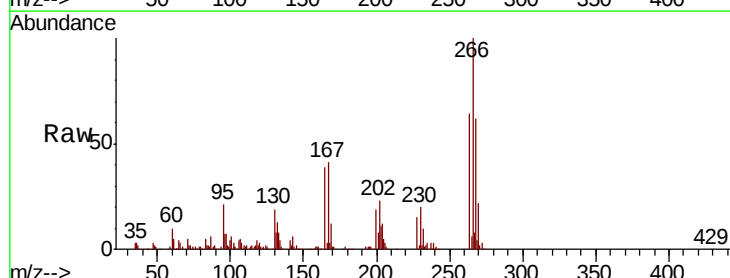
Tgt Ion:266 Resp: 162665

Ion Ratio Lower Upper

266 100

268 61.5 50.4 75.6

264 63.8 48.9 73.3

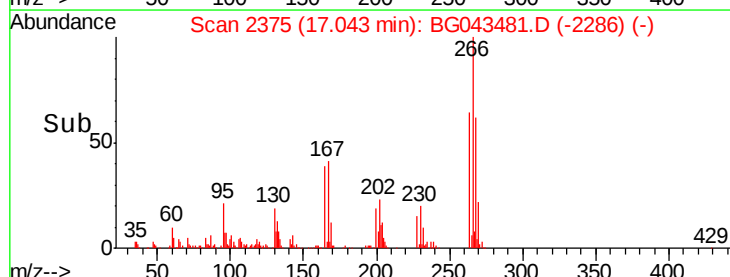
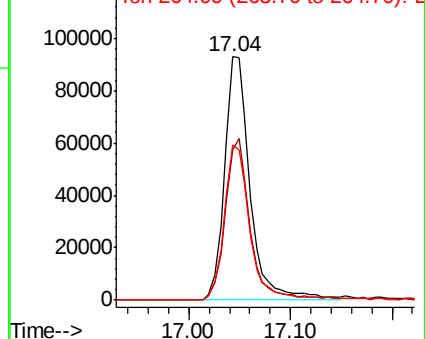


Abundance

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

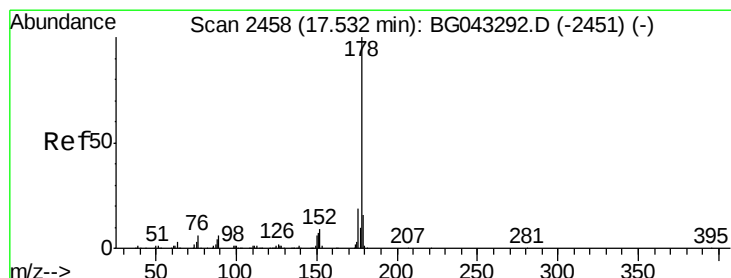
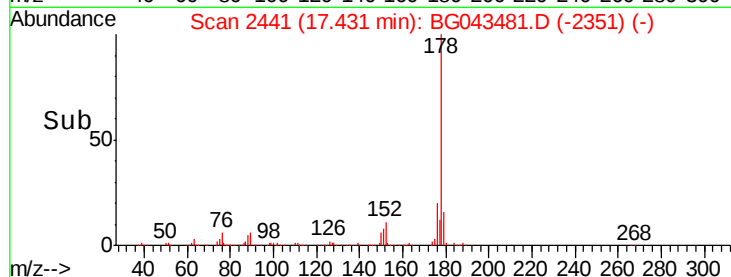
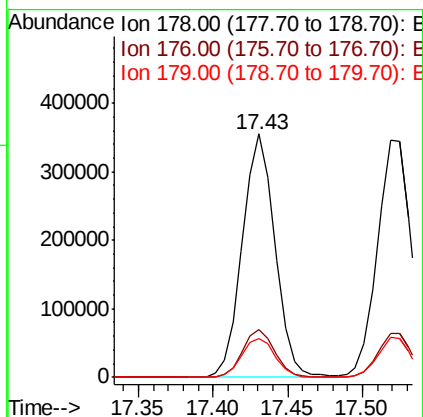
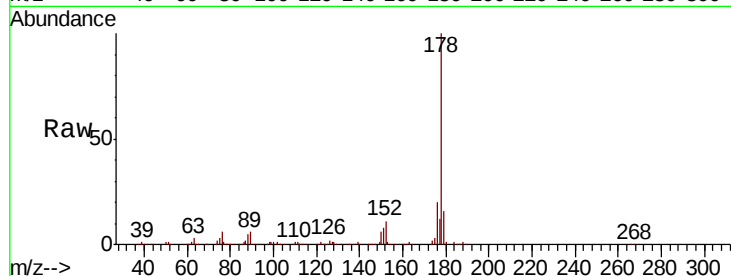




#71
Phenanthrene
Concen: 35.887 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

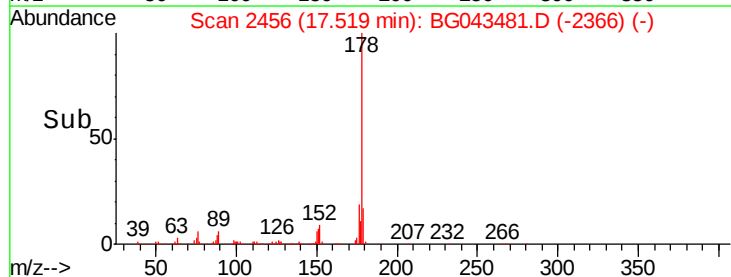
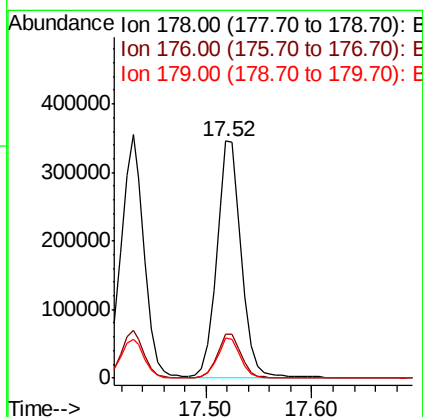
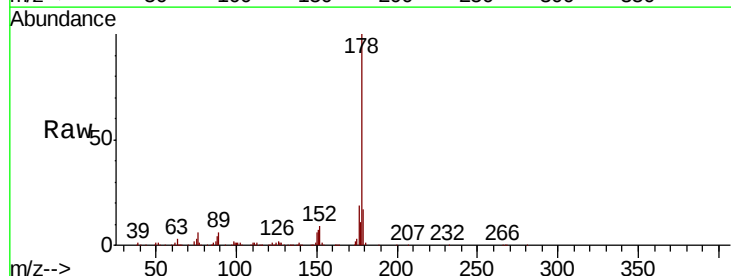
Instrument :
BNA_G
ClientSampled :

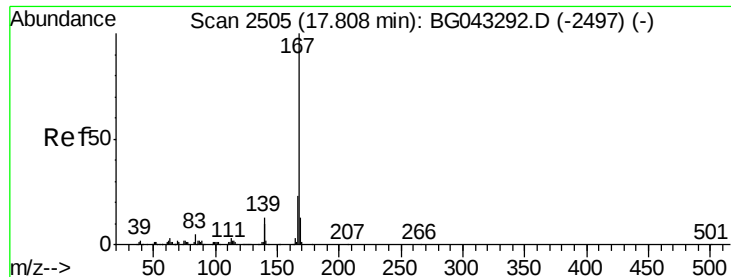
Tot Ion:178 Resp: 538546
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 13.0 19.6



#72
Anthracene
Concen: 36.931 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:178 Resp: 554493
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 17.0 13.7 20.5

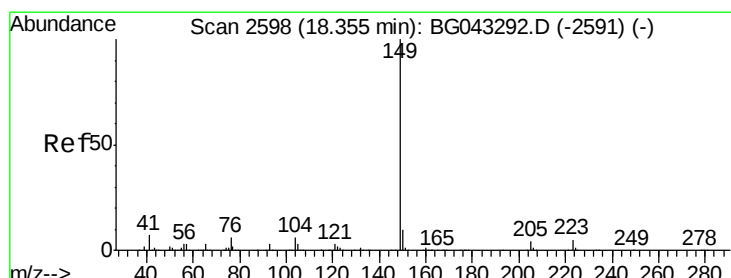
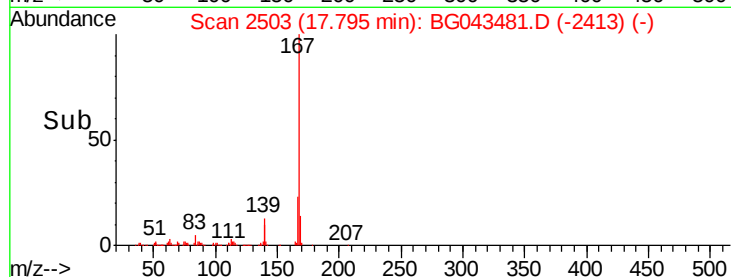
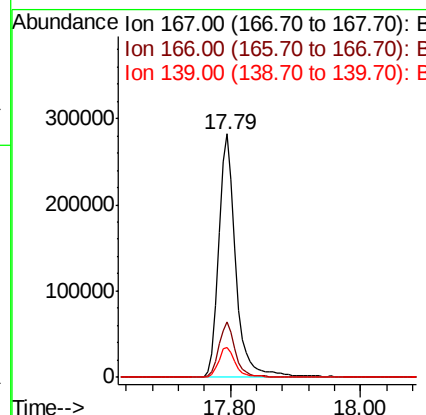
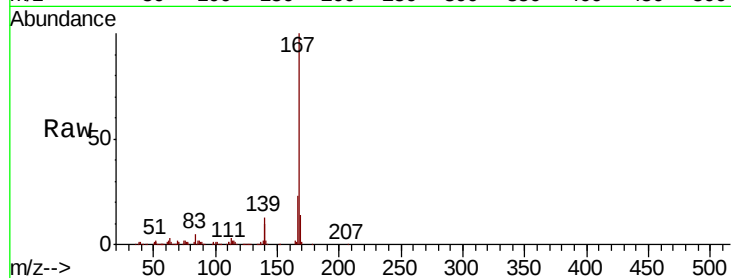




#73
 Carbazole
 Concen: 37.730 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

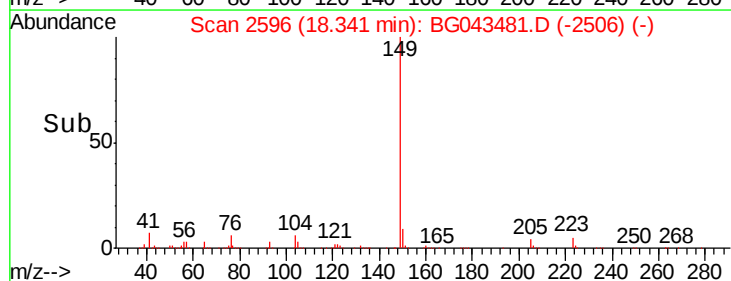
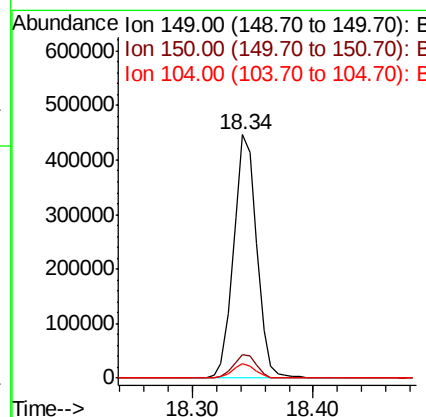
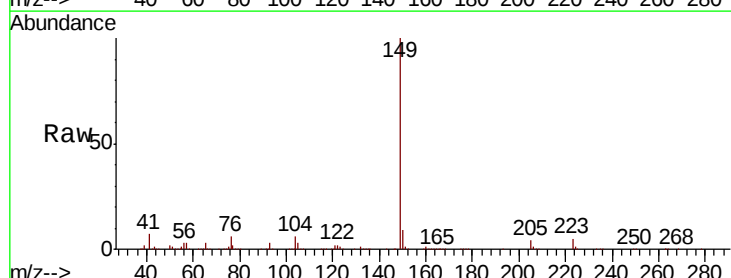
Instrument :
 BNA_G
 ClientSampleId :

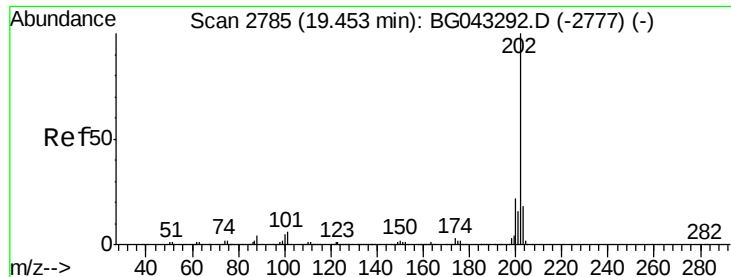
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	12.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.099 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	6.0	4.4	6.6





#75

Fluoranthene

Concen: 36.682 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

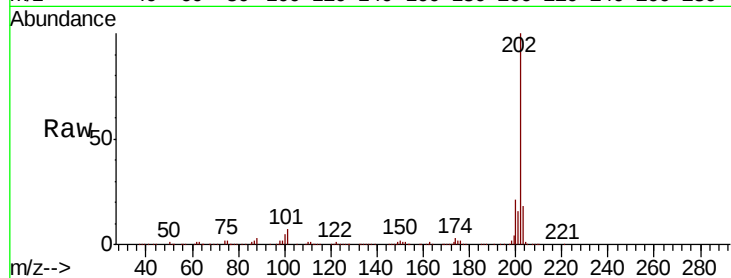
Tot Ion:202 Resp: 717646

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

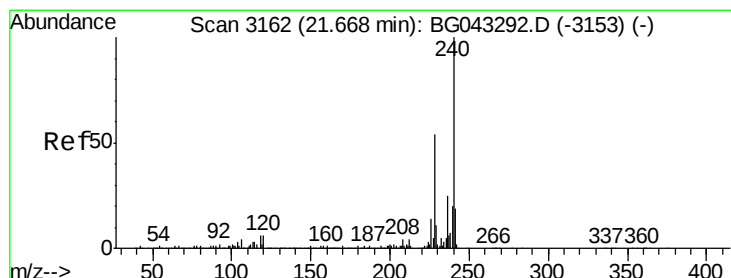
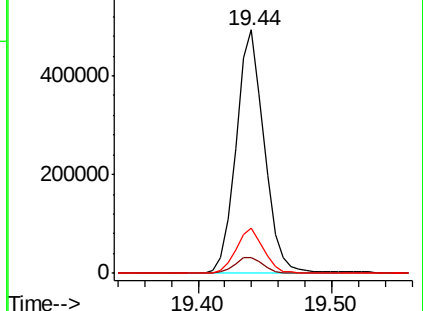
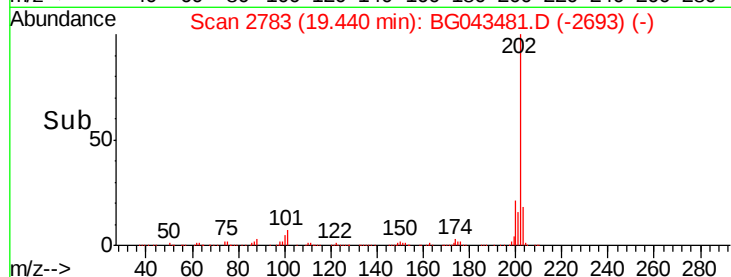
203 18.4 0.0 37.9



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: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

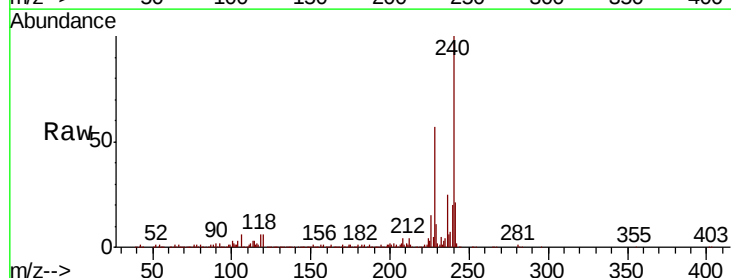
Tgt Ion:240 Resp: 332630

Ion Ratio Lower Upper

240 100

120 6.2 4.6 6.8

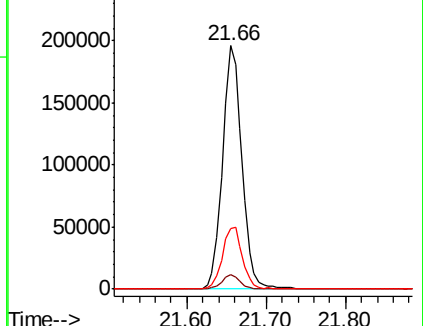
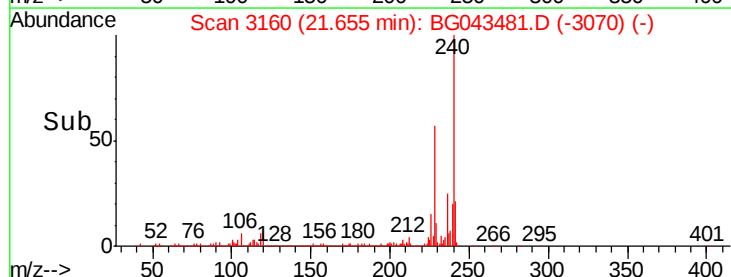
236 25.0 19.8 29.8

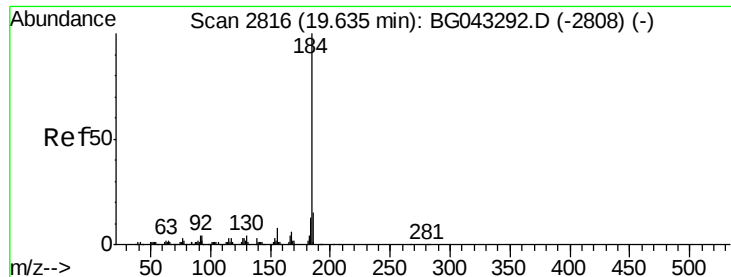


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.543 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

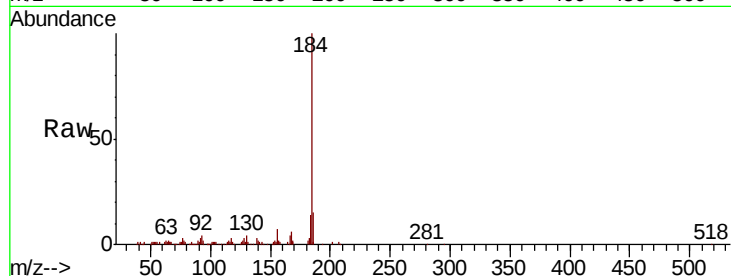
Tot Ion:184 Resp: 177685

Ion Ratio Lower Upper

184 100

185 15.0 11.0 16.4

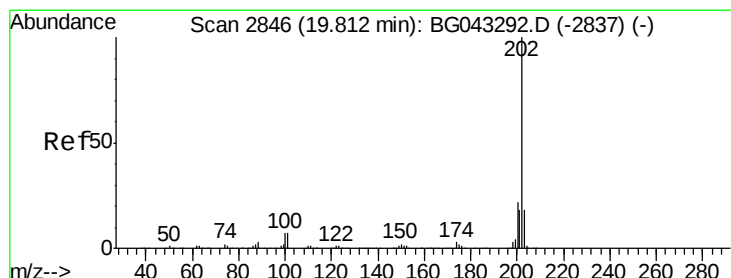
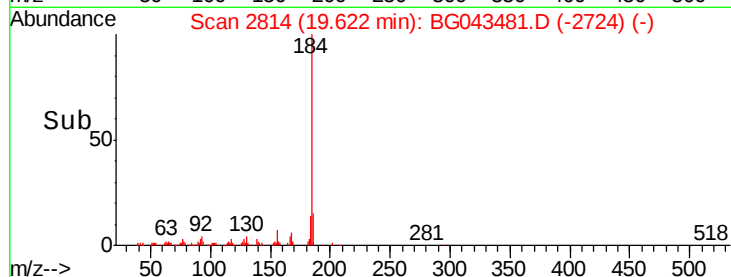
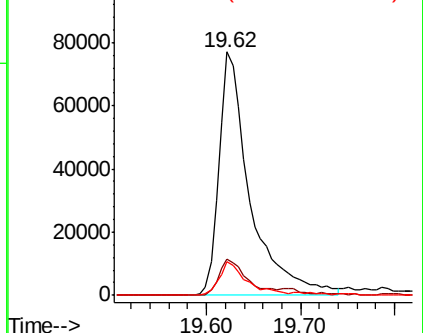
183 13.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.642 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

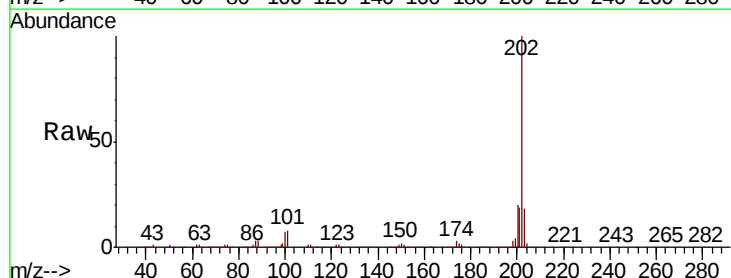
Tgt Ion:202 Resp: 733848

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

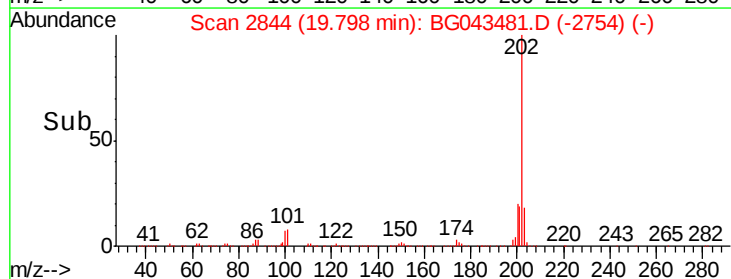
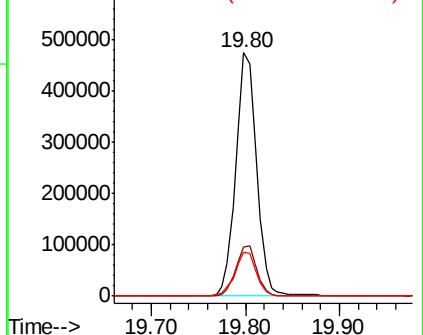
203 17.9 14.7 22.1

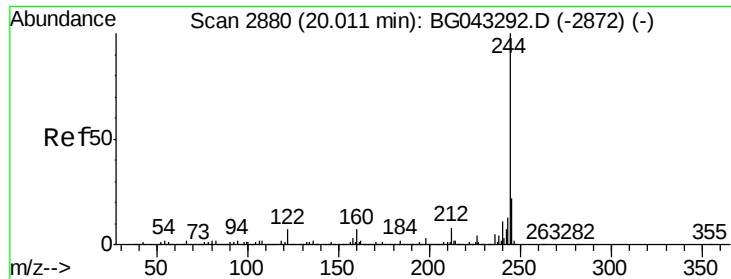


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.459 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

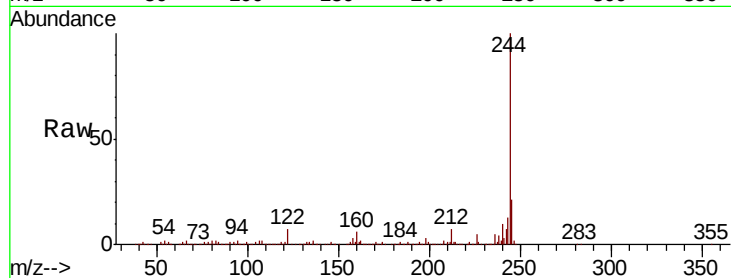
Tot Ion:244 Resp: 965569

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

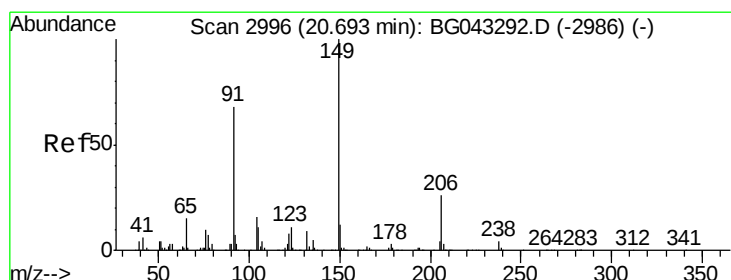
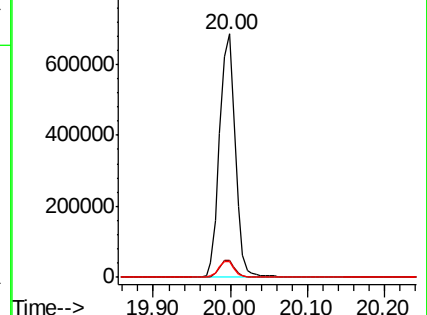
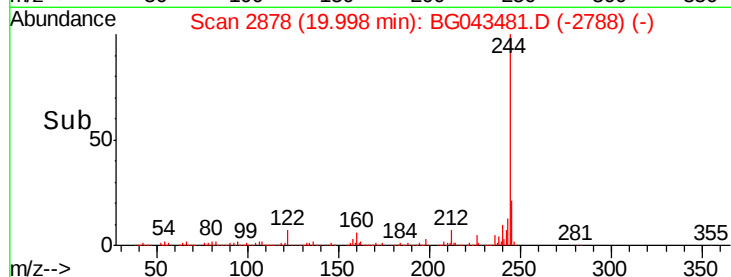
122 6.5 5.4 8.2



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: 35.407 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

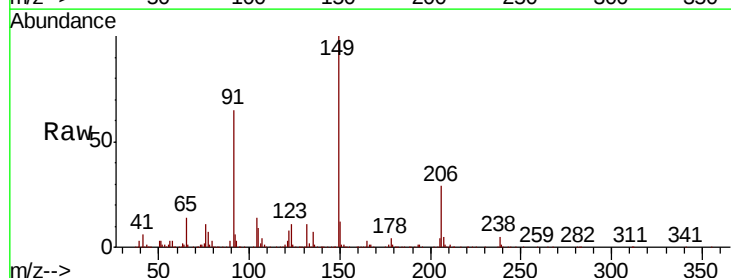
Tgt Ion:149 Resp: 276192

Ion Ratio Lower Upper

149 100

91 65.4 51.2 76.8

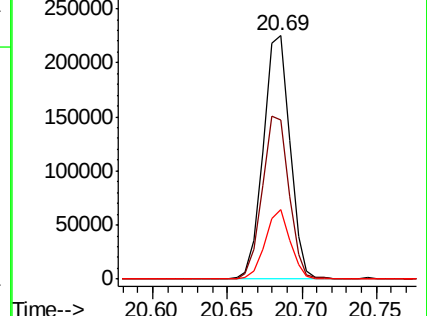
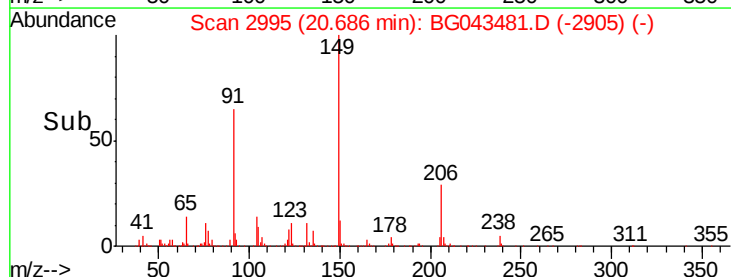
206 28.7 22.5 33.7

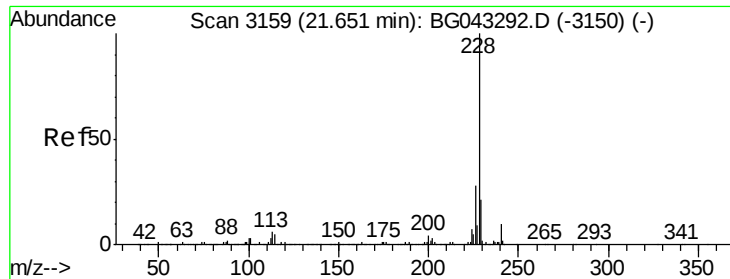


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.570 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

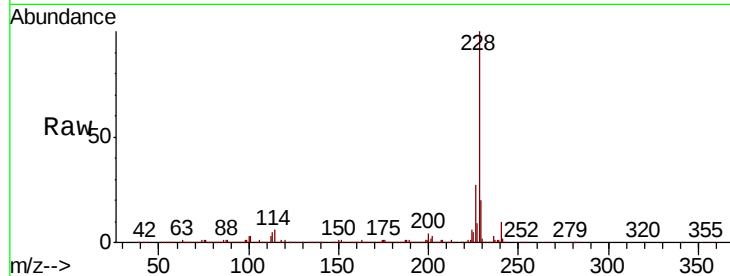
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 761952

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.3	17.0	25.4

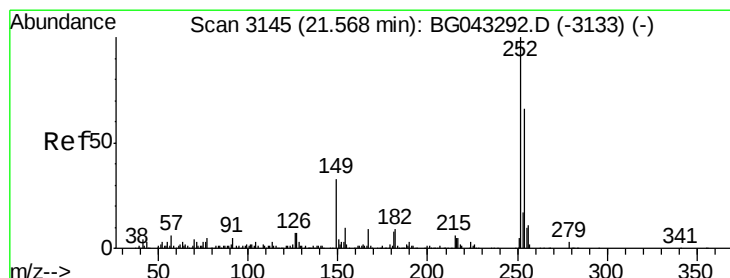
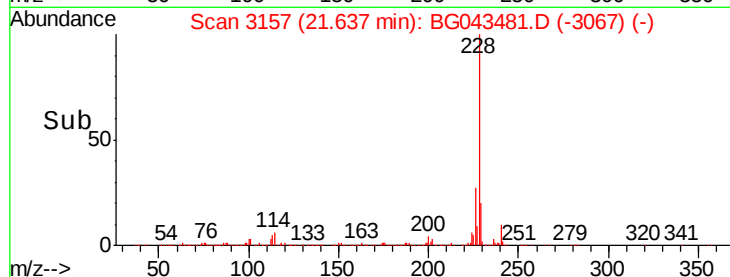
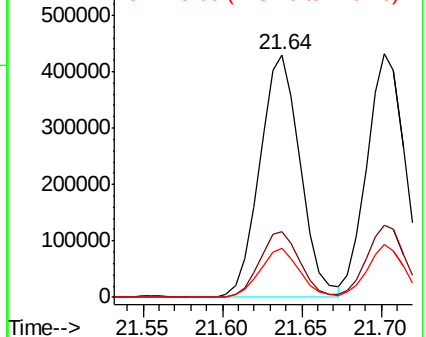


Abundance

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: 33.211 ng

RT: 21.56 min Scan# 3143

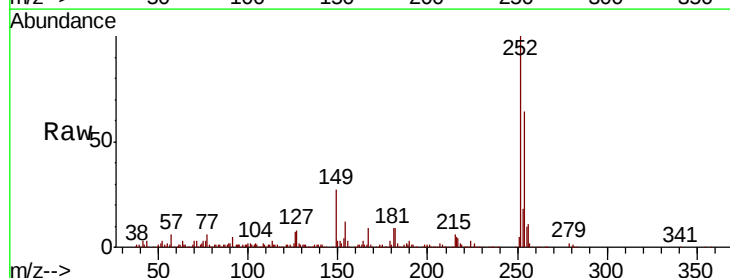
Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:252 Resp: 267643

Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	7.0	6.1	9.1

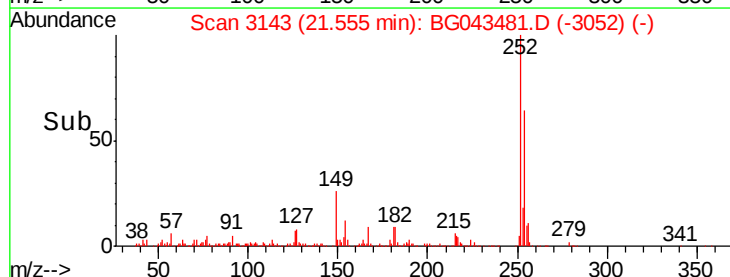
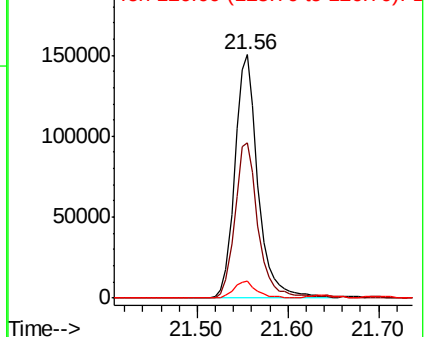


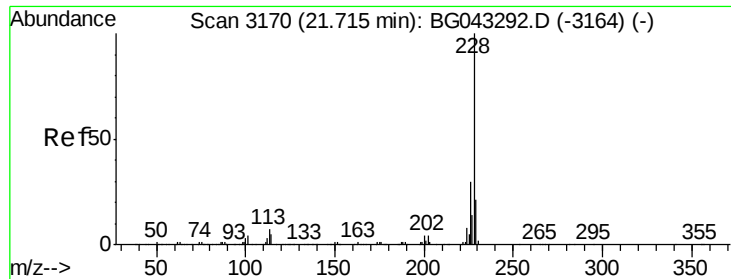
Abundance

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

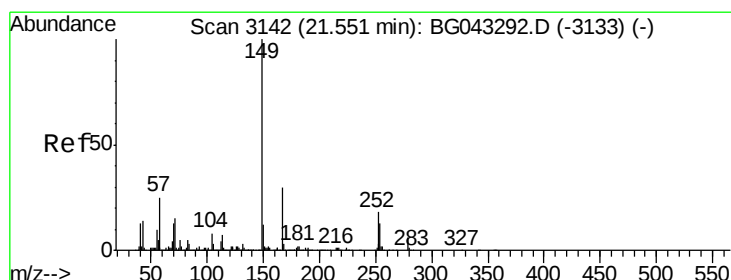
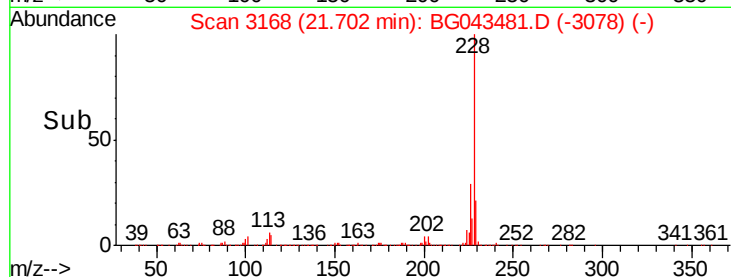
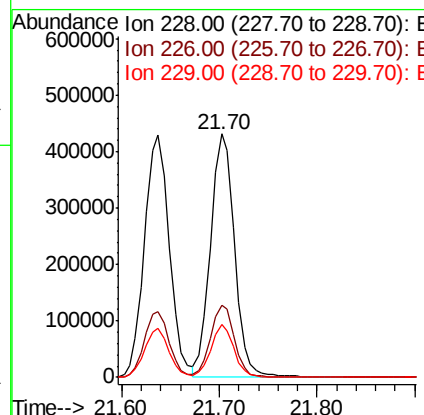
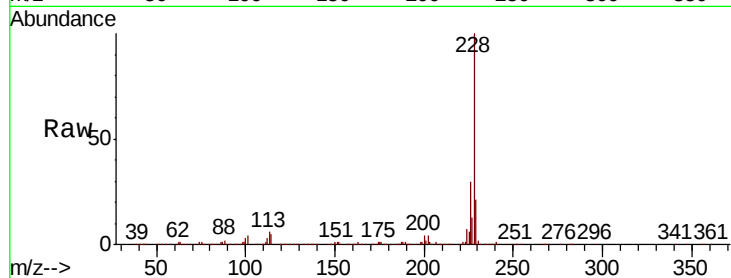




#83
 Chrysene
 Concen: 35.440 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

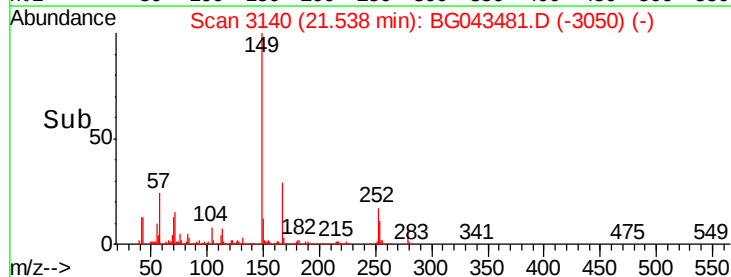
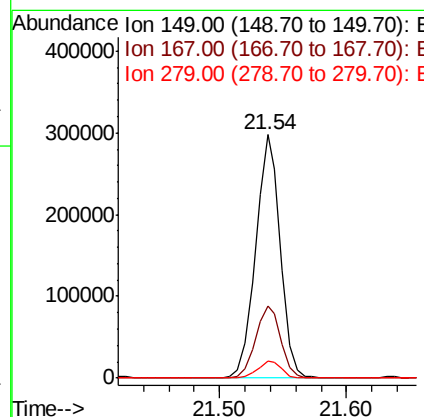
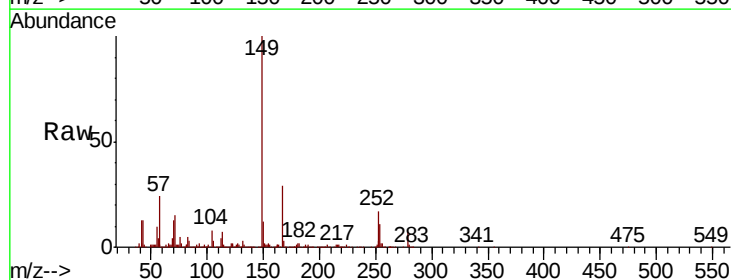
Instrument :
 BNA_G
 ClientSampled :

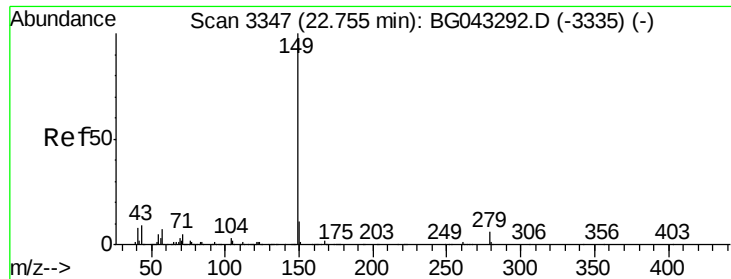
Tot Ion:228 Resp: 733671
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.1 37.7
 229 21.5 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.023 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:149 Resp: 399164
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 6.9 5.4 8.2

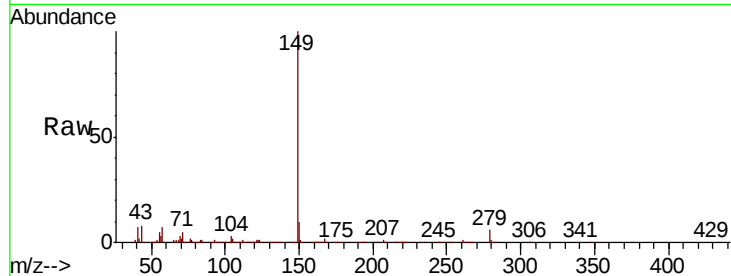




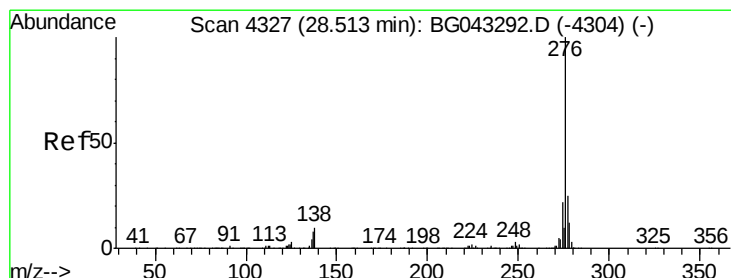
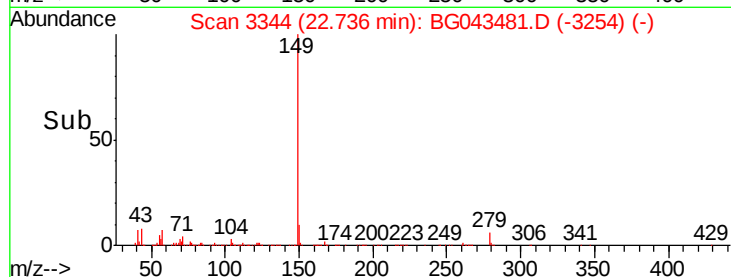
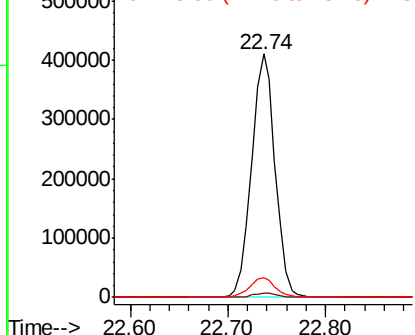
#85
Di-n-octyl phthalate
Concen: 37.033 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 696200
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 8.3 7.0 10.6

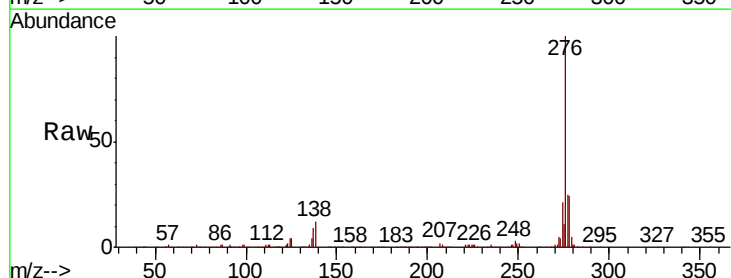


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

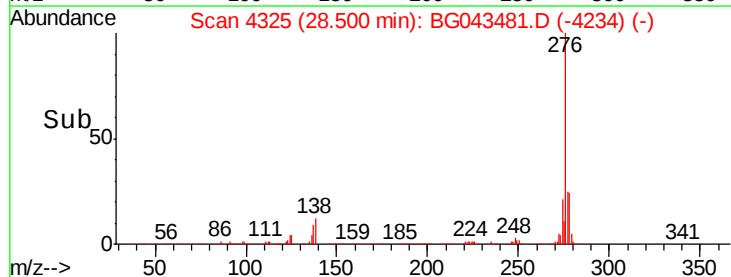
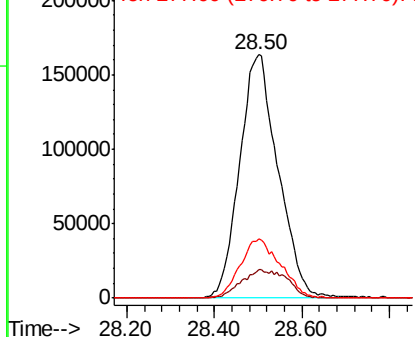


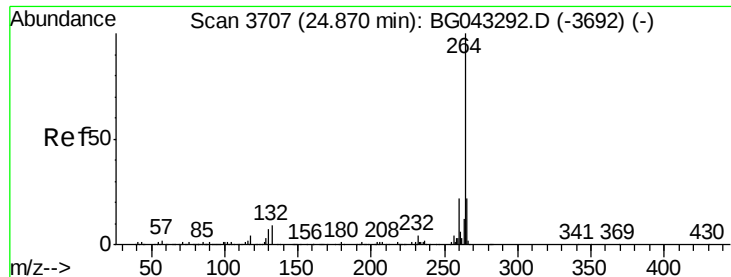
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.425 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:276 Resp: 972539
Ion Ratio Lower Upper
276 100
138 8.2 6.8 10.2
277 25.5 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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

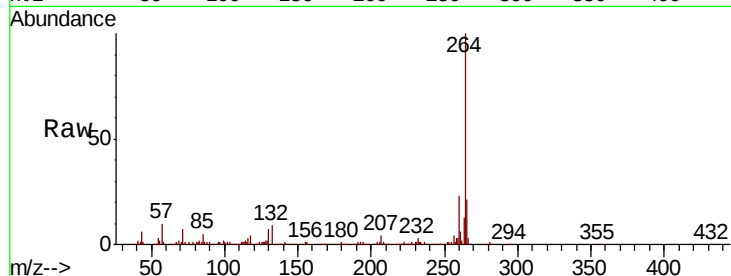
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 359283

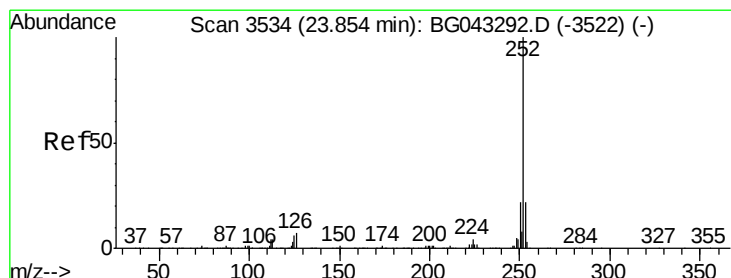
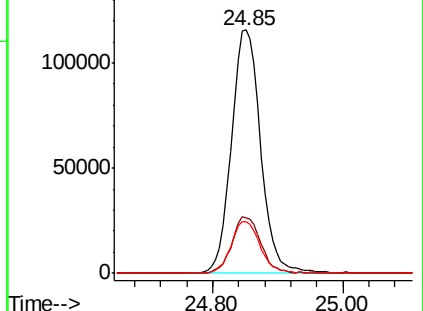
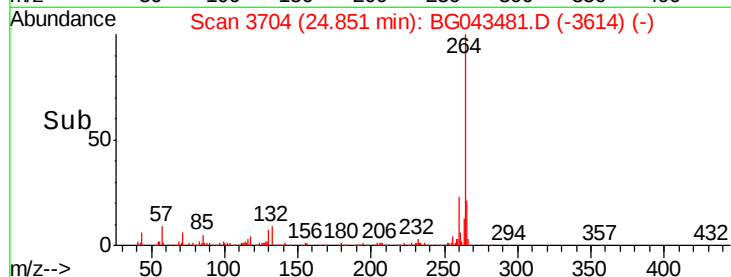
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	21.0	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.601 ng

RT: 23.84 min Scan# 3532

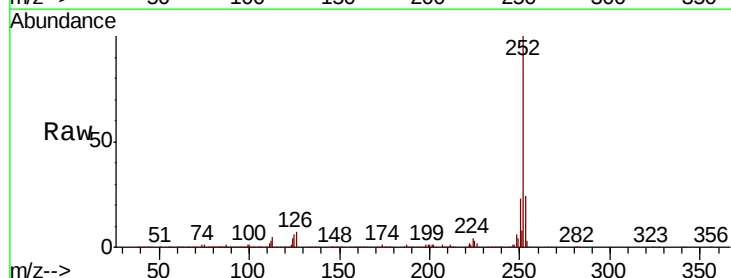
Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:252 Resp: 785486

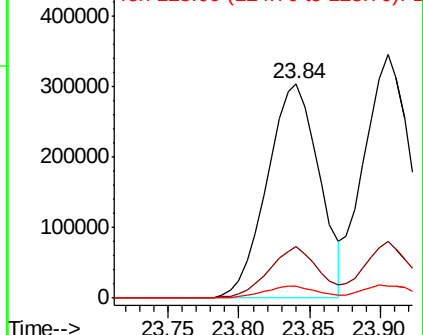
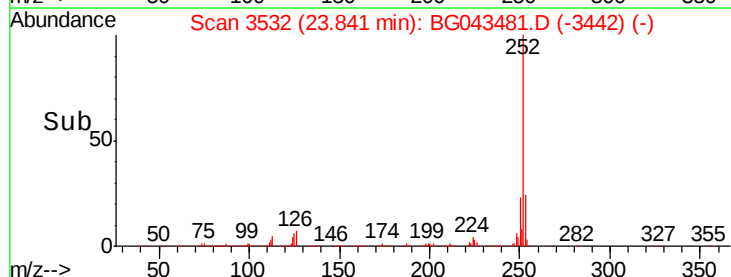
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	5.7	4.5	6.7

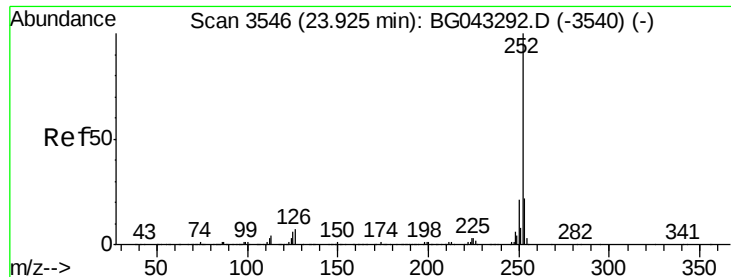


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

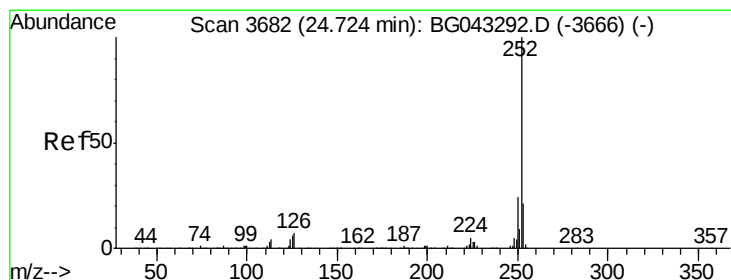
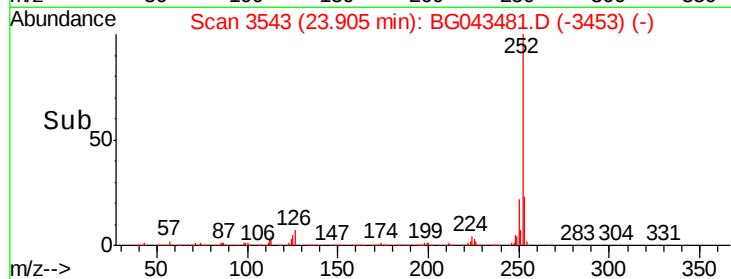
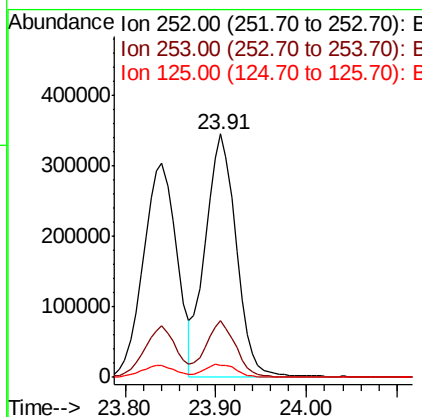
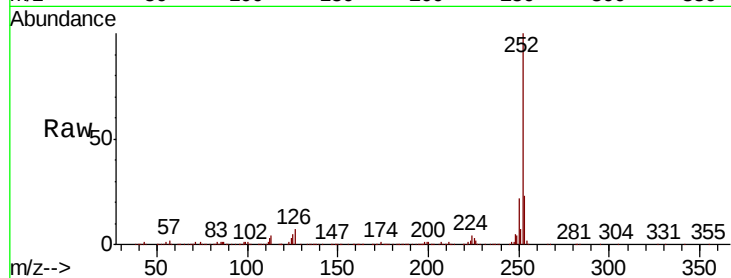




#89
Benzo(k)fluoranthene
Concen: 39.804 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

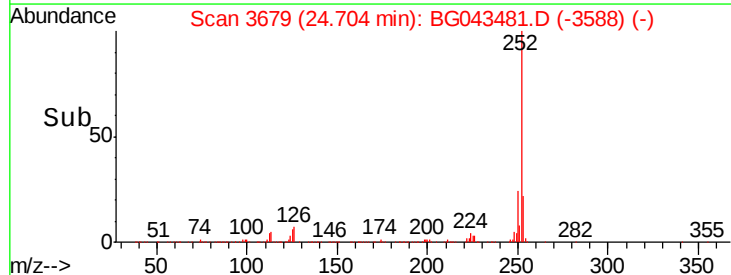
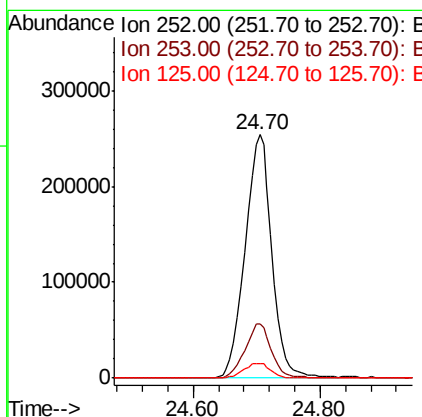
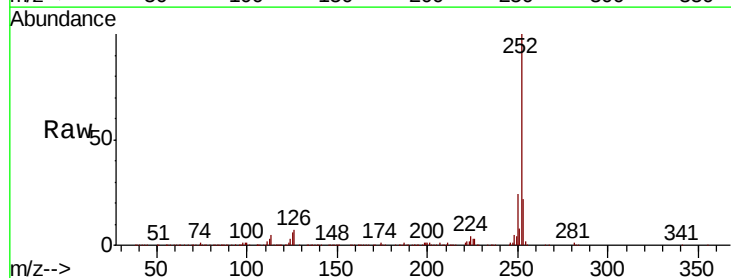
Instrument :
BNA_G
ClientSampleId :

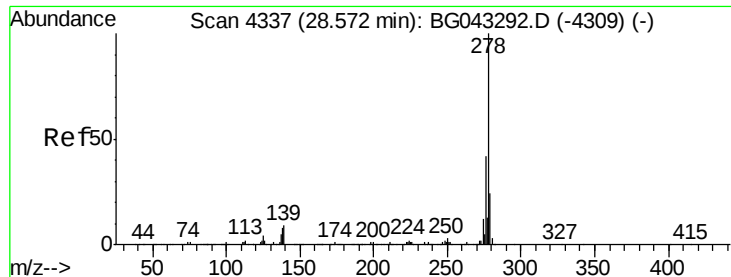
Tot Ion:252 Resp: 815397
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 4.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 38.365 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion:252 Resp: 745497
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.2 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 41.789 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampled :

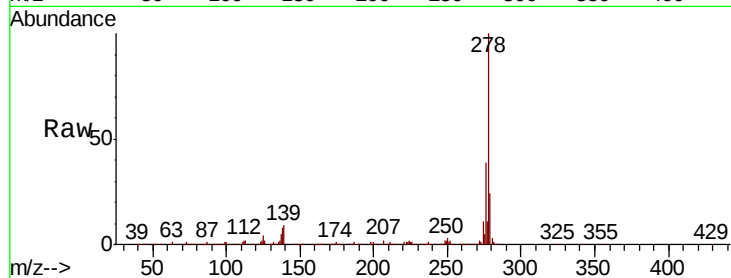
Tot Ion:278 Resp: 830572

Ion Ratio Lower Upper

278 100

139 9.2 7.4 11.0

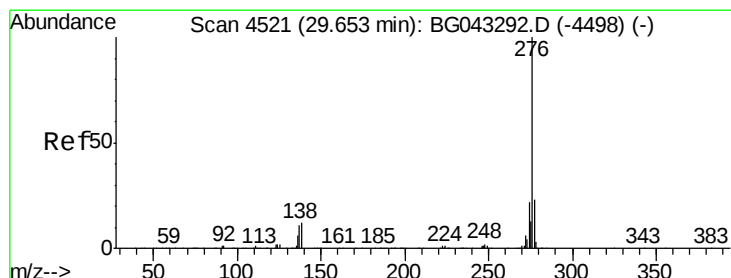
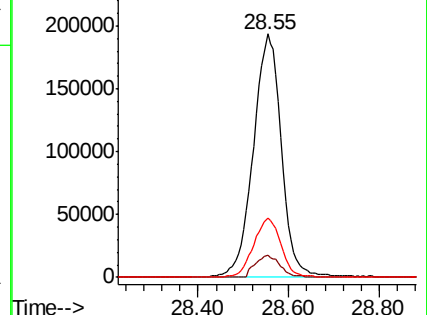
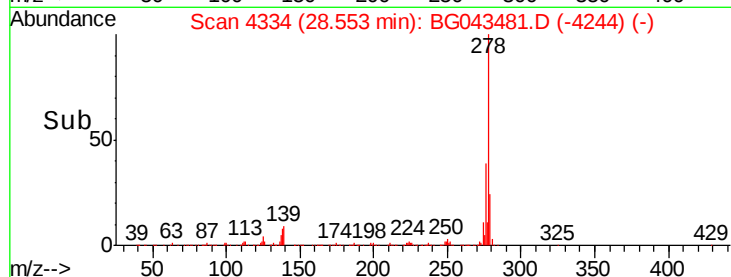
279 24.2 19.1 28.7



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: 41.773 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

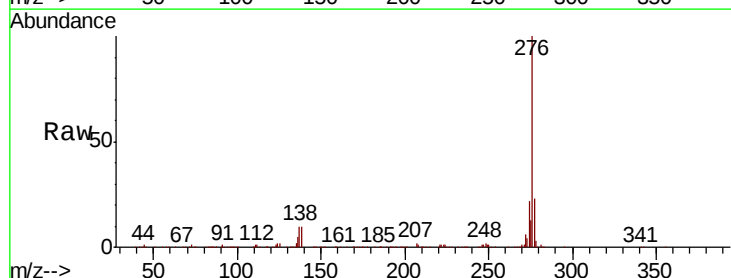
Tgt Ion:276 Resp: 818975

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 9.8 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

