

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043820.D
 Acq On : 17 Dec 2019 15:24
 Operator : JU
 Sample : PB125439BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 01:02:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	107992	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	512286	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389584	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	905870	20.00	ng	0.00
76) Chrysene-d12	21.64	240	755233	20.00	ng	0.00
87) Perylene-d12	24.79	264	854937	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	847661	148.72	ng	0.00
7) Phenol-d6	7.17	99	1165989	141.85	ng	0.01
23) Nitrobenzene-d5	9.16	82	727727	79.76	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	497159	133.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1712951	77.23	ng	0.00
79) Terphenyl-d14	19.99	244	2534262	80.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	110804	41.981	ng	100
3) Pyridine	3.87	79	282856	38.782	ng	98
4) n-Nitrosodimethylamine	3.79	42	146469	41.884	ng	98
6) Aniline	7.33	93	398933	36.679	ng	98
8) 2-Chlorophenol	7.57	128	350103	52.709	ng	96
9) Benzaldehyde	7.14	77	235093	59.941	ng	90
10) Phenol	7.20	94	454397	53.544	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	317471	44.087	ng	95
12) 1,3-Dichlorobenzene	7.89	146	348362	43.765	ng	98
13) 1,4-Dichlorobenzene	8.04	146	349764	43.960	ng	99
14) 1,2-Dichlorobenzene	8.36	146	331195	43.204	ng	97
15) Benzyl Alcohol	8.24	79	320938	49.062	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	474210	41.089	ng	98
17) 2-Methylphenol	8.45	107	322381	53.217	ng	100
18) Hexachloroethane	9.09	117	126679	43.816	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	271225	43.160	ng	98
20) 3+4-Methylphenols	8.77	107	451394	53.513	ng	98
22) Acetophenone	8.82	105	493106	38.596	ng	100
24) Nitrobenzene	9.20	77	388000	41.749	ng	99
25) Isophorone	9.73	82	754418	41.402	ng	99
26) 2-Nitrophenol	9.91	139	189228	51.366	ng	97
27) 2,4-Dimethylphenol	9.98	122	365878	56.821	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	468630	40.178	ng	98
29) 2,4-Dichlorophenol	10.46	162	390627	49.400	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	367234	39.233	ng	99
31) Naphthalene	10.86	128	1042429	42.408	ng	99
32) Benzoic acid	10.11	122	207796	46.489	ng	95
33) 4-Chloroaniline	10.96	127	282081	23.668	ng	98
34) Hexachlorobutadiene	11.15	225	210169	37.056	ng	99
35) Caprolactam	11.73	113	108534	34.974	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	428167	50.296	ng	99
37) 2-Methylnaphthalene	12.46	142	830687	43.600	ng	99
38) 1-Methylnaphthalene	12.68	142	791276	43.676	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	423496	36.176	ng	99

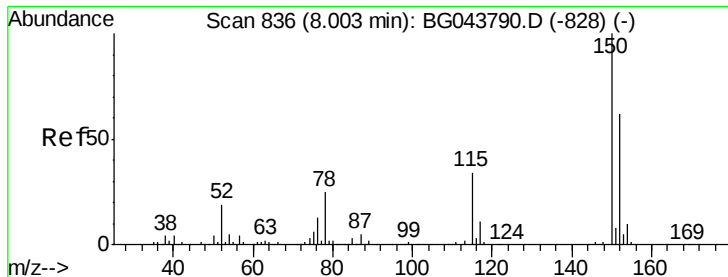
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	548716	99.862	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	343013	46.099	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	380595	48.823	nq	97
46) 1,1'-Biphenyl	13.47	154	1067053	39.729	nq	98
47) 2-Chloronaphthalene	13.51	162	858539	39.101	nq	99
48) 2-Nitroaniline	13.70	65	287338	44.373	nq	98
49) Acenaphthylene	14.36	152	1389510	42.482	nq	99
50) Dimethylphthalate	14.09	163	1152230	41.437	nq	99
51) 2,6-Dinitrotoluene	14.20	165	280383	46.790	nq	98
52) Acenaphthene	14.70	154	985027	45.778	nq	97
53) 3-Nitroaniline	14.53	138	200048	29.173	nq	94
54) 2,4-Dinitrophenol	14.73	184	270464	99.953	nq	92
55) Dibenzofuran	15.03	168	1363683	42.814	nq	100
56) 4-Nitrophenol	14.84	139	517142	103.371	nq	98
57) 2,4-Dinitrotoluene	14.99	165	390254	48.198	nq	95
58) Fluorene	15.68	166	1107423	43.136	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	339098	48.482	nq	99
60) Diethylphthalate	15.46	149	1172671	42.220	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	600027	41.732	nq	99
62) 4-Nitroaniline	15.69	138	286726	40.354	nq	98
63) Azobenzene	15.97	77	1094356	42.888	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	193829	53.983	nq	99
66) n-Nitrosodiphenylamine	15.88	169	1056614	41.967	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	384973	39.750	nq	98
68) Hexachlorobenzene	16.69	284	399739	38.915	nq	98
69) Atrazine	16.84	200	416767	51.924	nq	98
70) Pentachlorophenol	17.03	266	479667	87.786	nq	97
71) Phenanthrene	17.42	178	1762669	41.103	nq	99
72) Anthracene	17.51	178	1830758	43.127	nq	98
73) Carbazole	17.77	167	1632748	41.146	nq	99
74) Di-n-butylphthalate	18.35	149	1873252	41.179	nq	98
75) Fluoranthene	19.42	202	2024176	41.241	nq	98
77) Benzidine	19.60	184	943557	57.267	nq	98
78) Pyrene	19.79	202	2032535	41.182	nq	99
80) Butylbenzylphthalate	20.68	149	904117	43.984	nq	98
81) Benzo(a)anthracene	21.61	228	1976506	41.466	nq	98
82) 3,3'-Dichlorobenzidine	21.53	252	606486	34.443	nq	99
83) Chrysene	21.68	228	1873498	41.255	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1241524	42.108	nq	98
85) Di-n-octyl phthalate	22.75	149	2145090	44.503	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2140675	36.829	nq	# 93
88) Benzo(b)fluoranthene	23.80	252	1961136	39.841	nq	100
89) Benzo(k)fluoranthene	23.86	252	1999164	42.043	nq	99
90) Benzo(a)pyrene	24.65	252	1894424	40.384	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1652319	35.264	nq	100
92) Benzo(g,h,i)perylene	29.50	276	1637184	35.408	nq	99

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

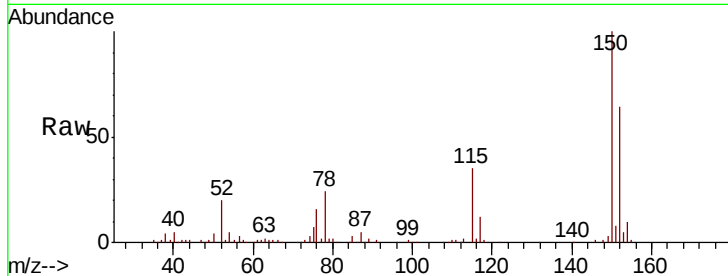


#1

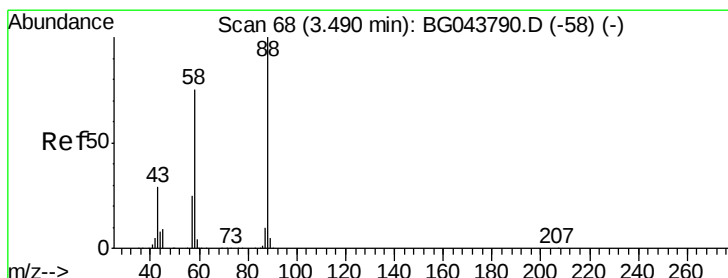
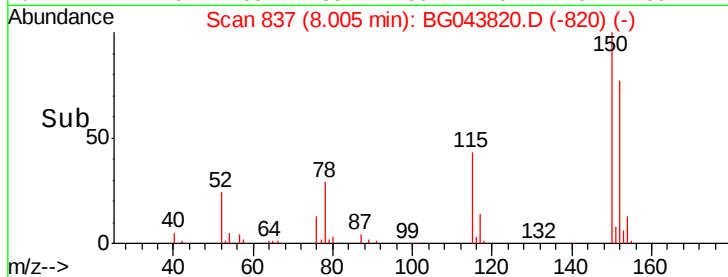
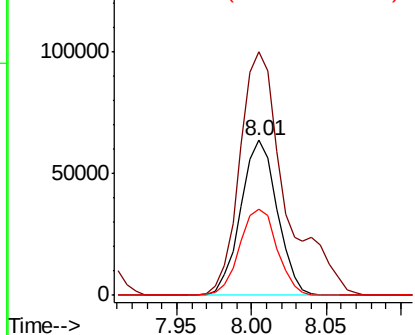
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.6	192.8
115	55.3	44.3	66.5



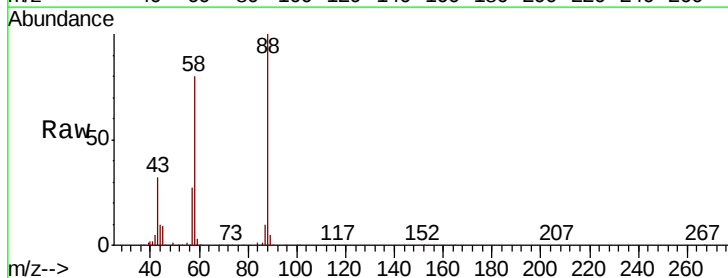
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



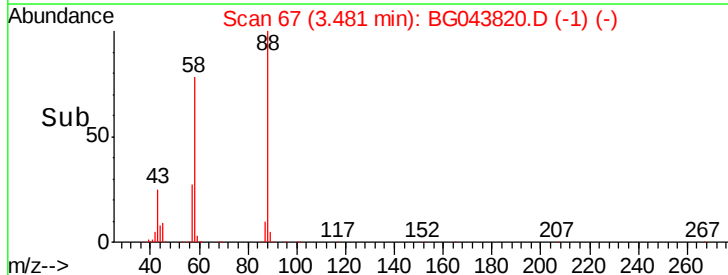
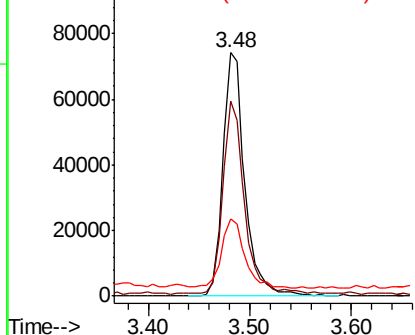
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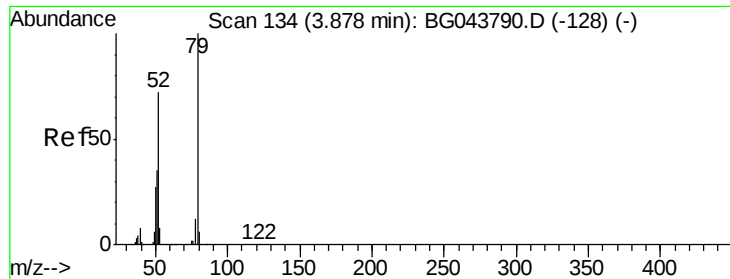
1,4-Dioxane
Concen: 41.981 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	62.2	93.4
43	31.0	24.3	36.5



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: 38.782 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

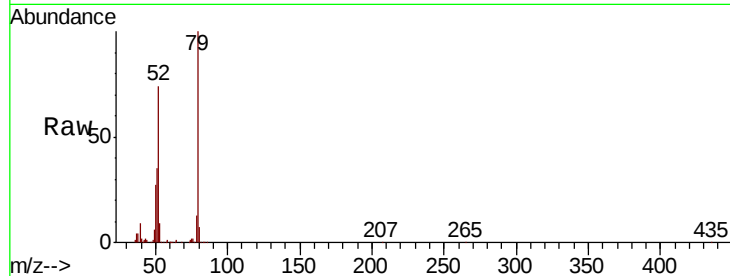
Tot Ion: 79 Resp: 282856

Ion Ratio Lower Upper

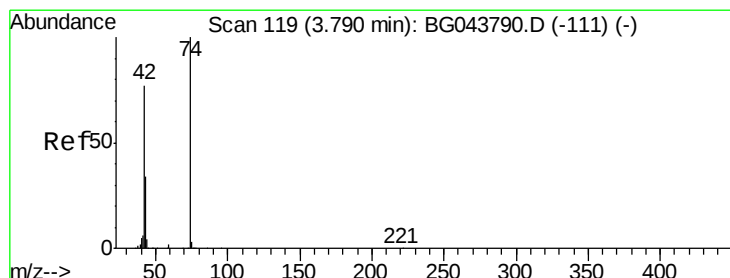
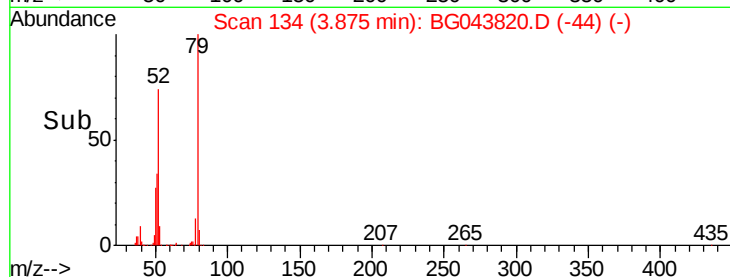
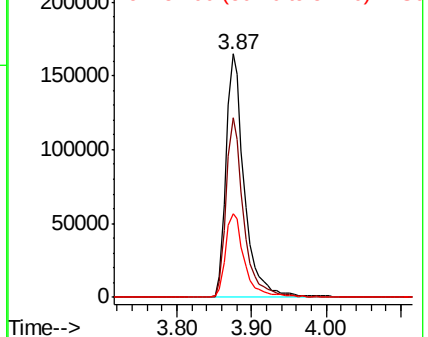
79 100

52 74.0 57.6 86.4

51 34.6 27.8 41.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.884 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

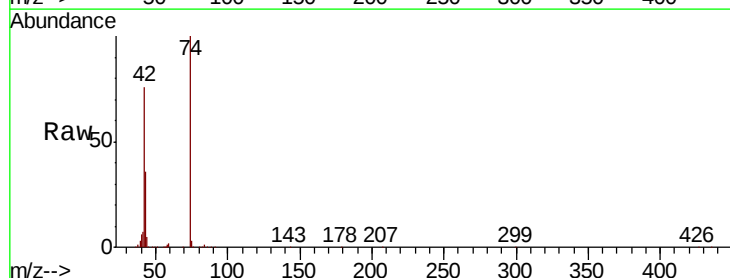
Tgt Ion: 42 Resp: 146469

Ion Ratio Lower Upper

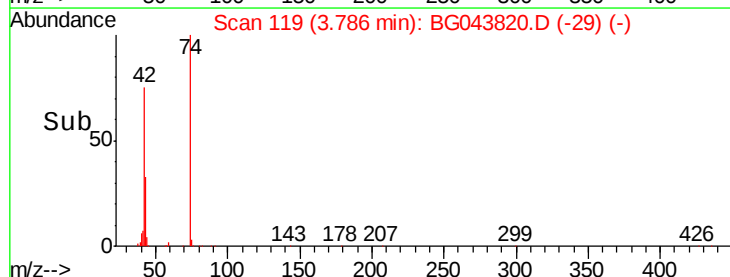
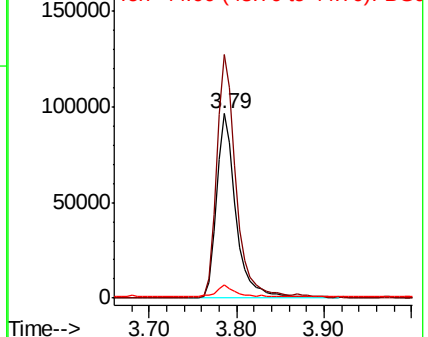
42 100

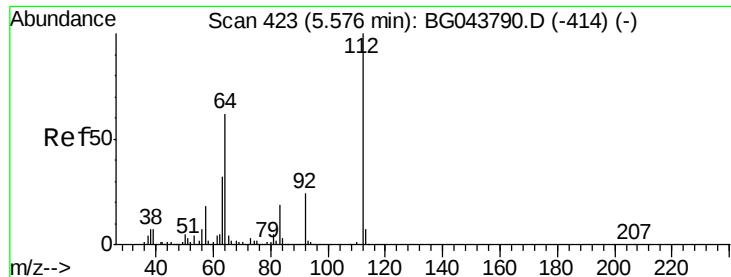
74 132.2 104.2 156.4

44 7.2 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.722 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

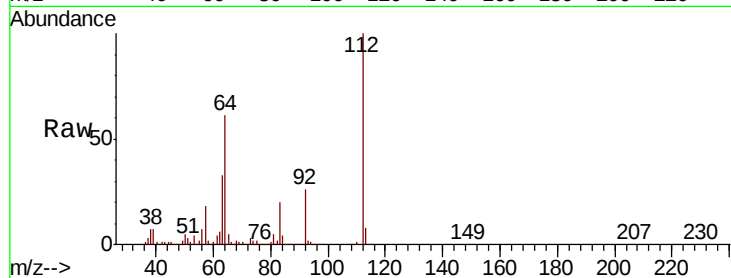
Tot Ion: 112 Resp: 847661

Ion Ratio Lower Upper

112 100

64 61.2 49.9 74.9

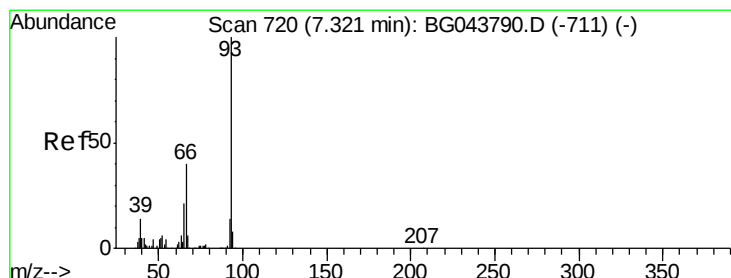
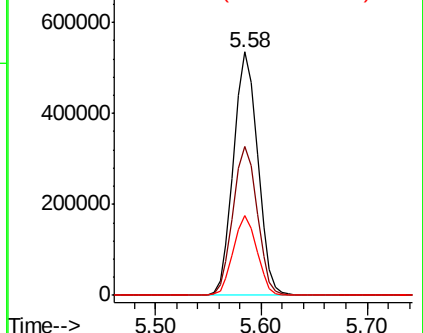
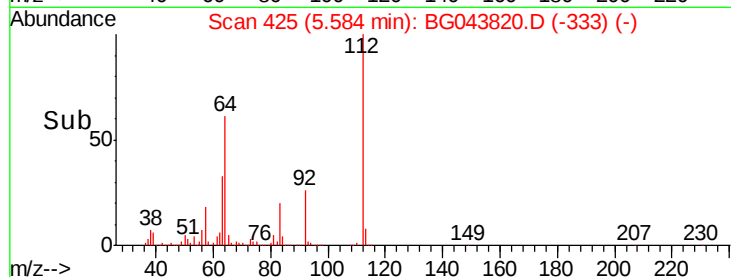
63 32.6 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.679 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

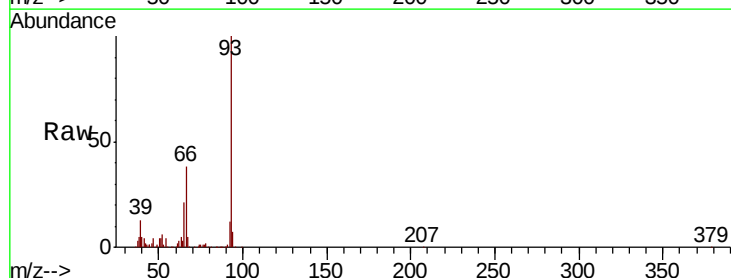
Tgt Ion: 93 Resp: 398933

Ion Ratio Lower Upper

93 100

66 38.4 31.9 47.9

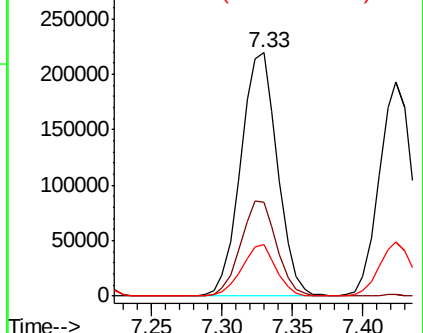
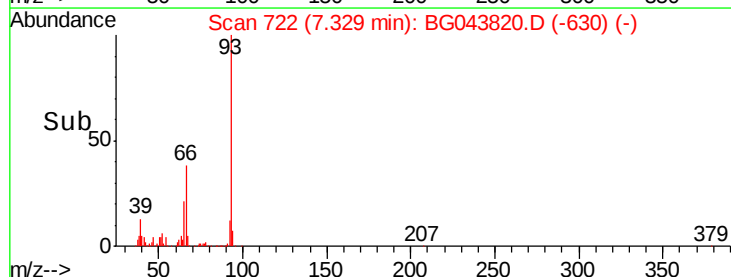
65 21.1 16.8 25.2

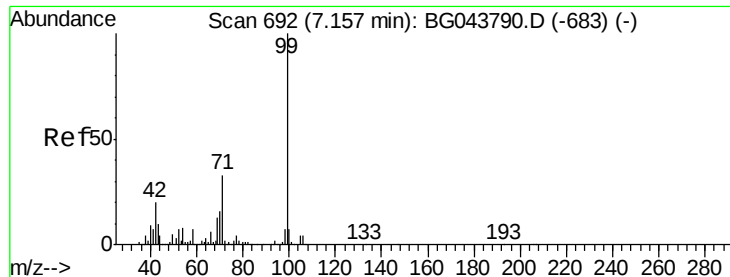


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.849 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

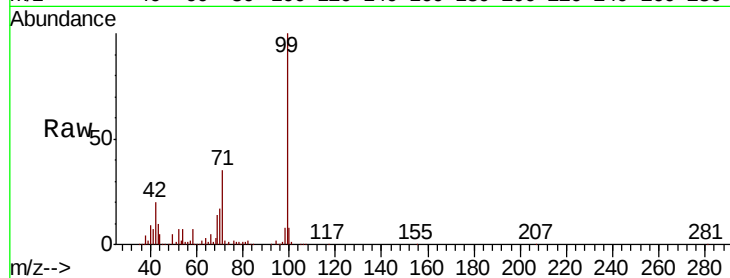
Tot Ion: 99 Resp: 1165989

Ion Ratio Lower Upper

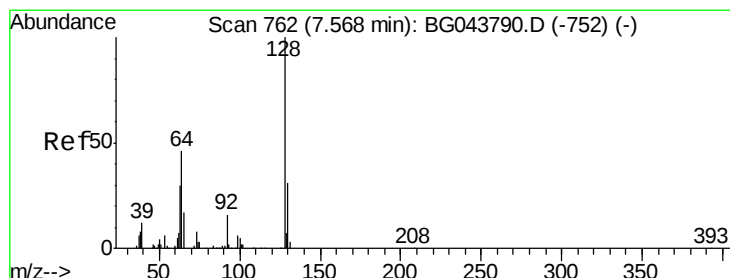
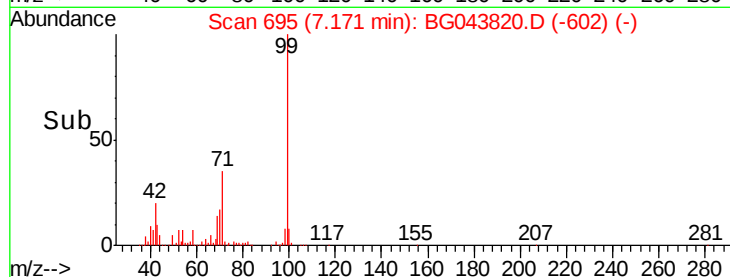
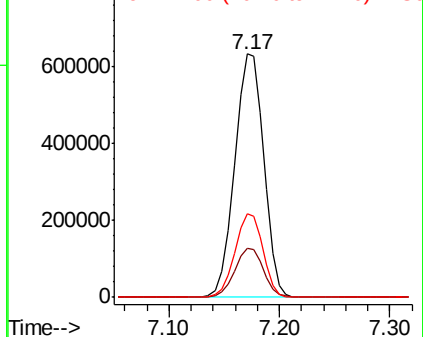
99 100

42 20.2 16.2 24.2

71 34.6 26.6 40.0



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: 52.709 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

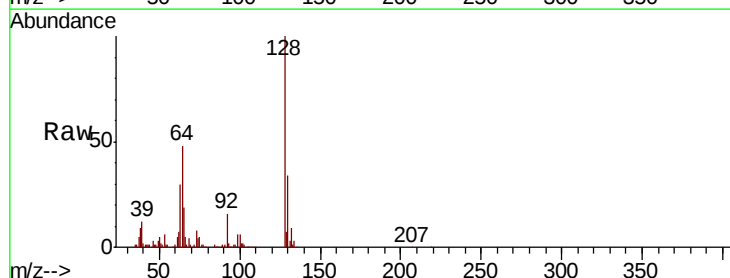
Tgt Ion:128 Resp: 350103

Ion Ratio Lower Upper

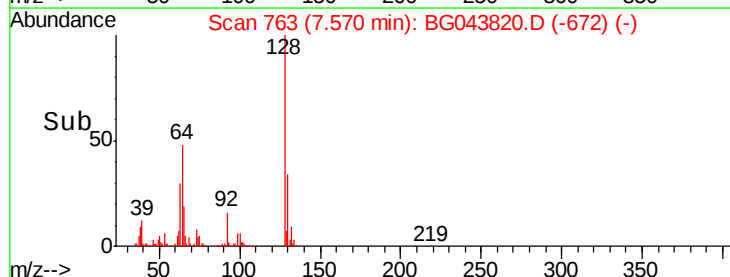
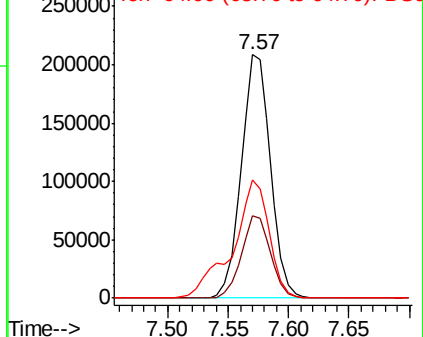
128 100

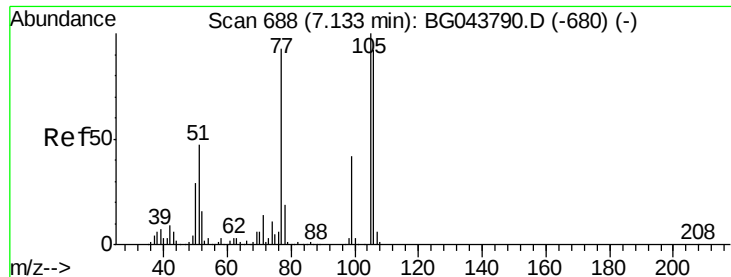
130 33.7 11.1 51.1

64 48.3 26.5 66.5



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: 59.941 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

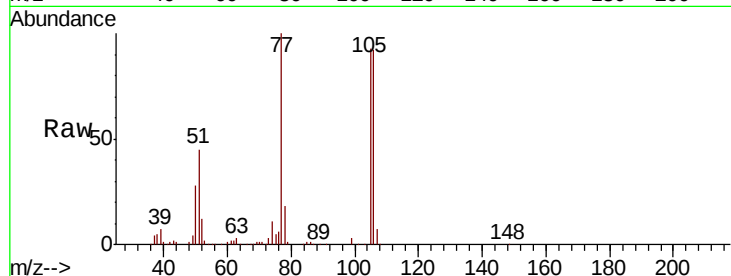
Tot Ion: 77 Resp: 235093

Ion Ratio Lower Upper

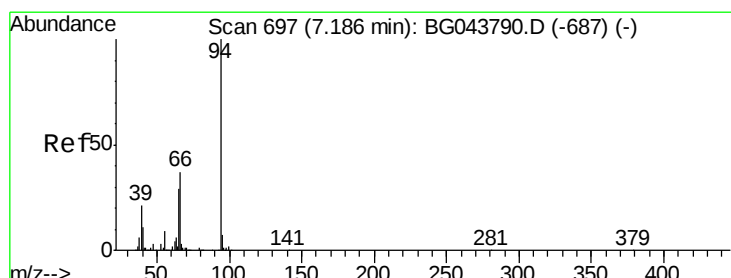
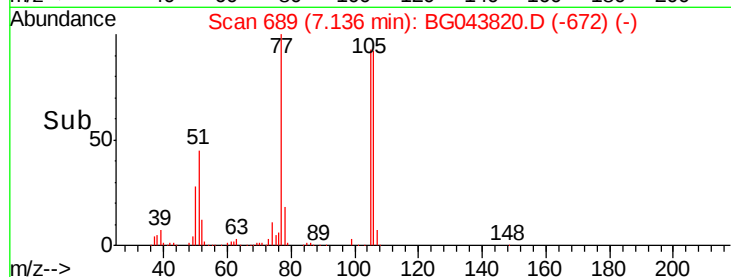
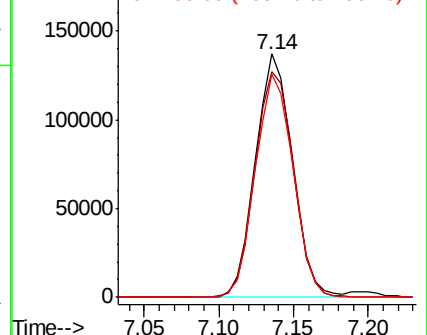
77 100

105 92.7 87.1 127.1

106 91.6 78.2 118.2



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: 53.544 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

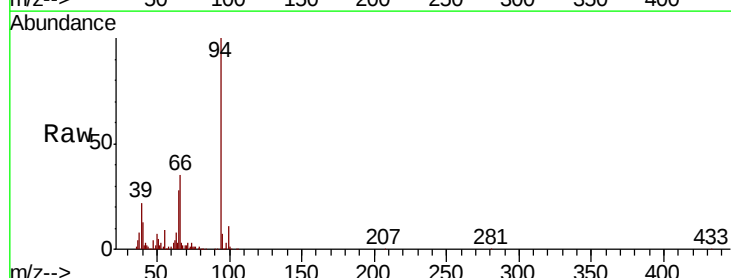
Tgt Ion: 94 Resp: 454397

Ion Ratio Lower Upper

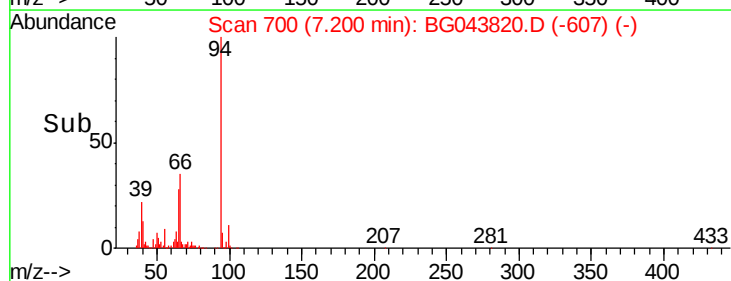
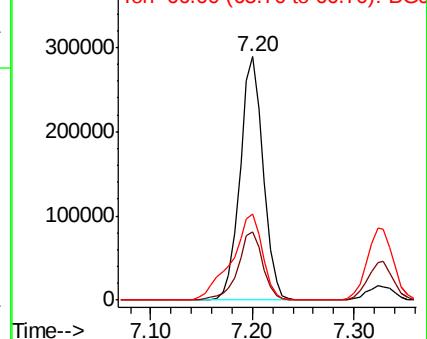
94 100

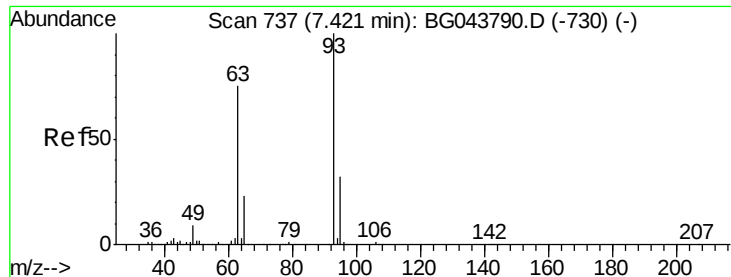
65 27.8 9.5 49.5

66 35.4 16.8 56.8



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

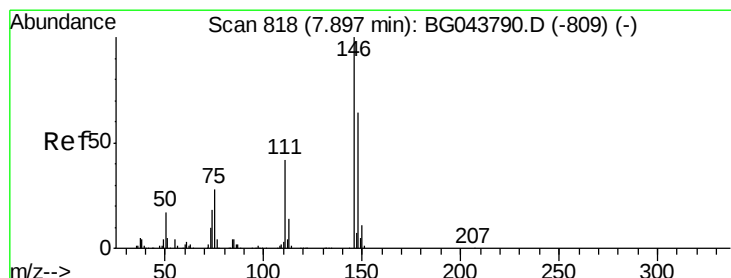
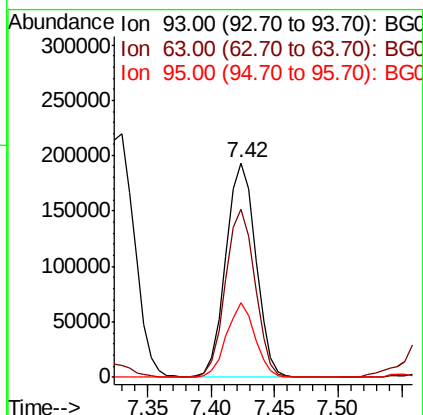
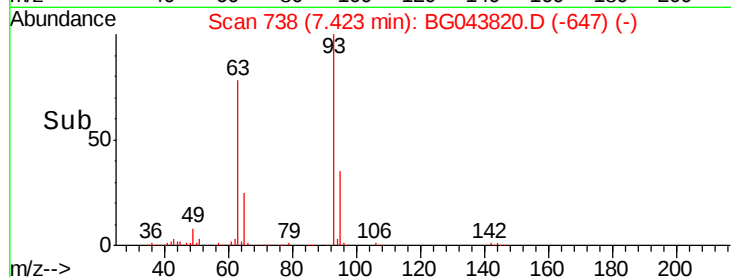
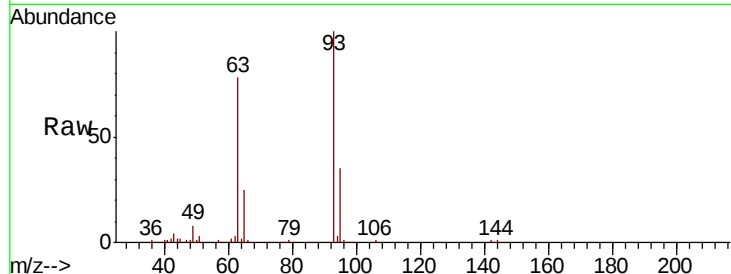




#11
bis(2-Chloroethyl)ether
Concen: 44.087 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

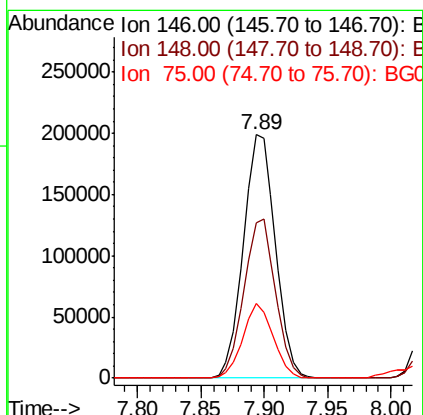
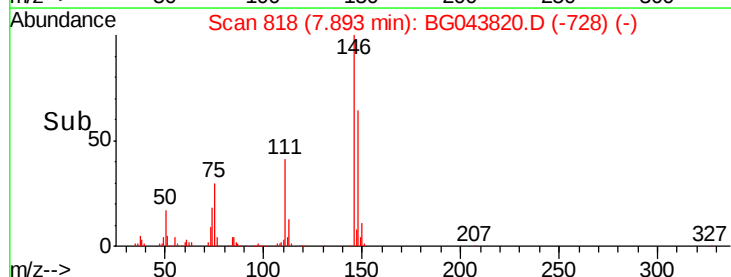
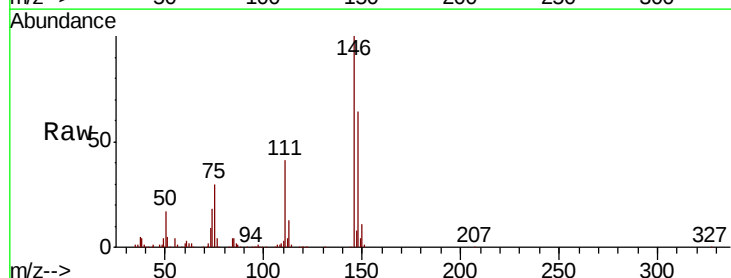
Instrument :
BNA_G
ClientSampled :

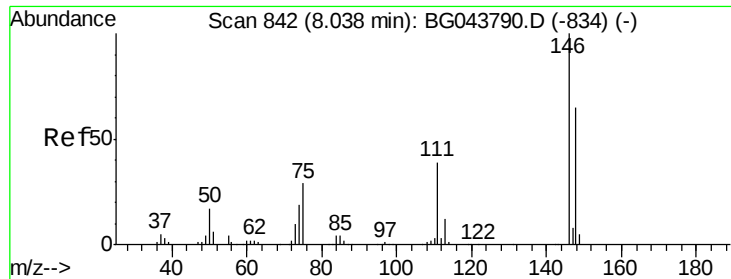
Tot Ion: 93 Resp: 317471
Ion Ratio Lower Upper
93 100
63 78.5 54.7 94.7
95 34.5 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 43.765 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion: 146 Resp: 348362
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 30.5 22.4 33.6

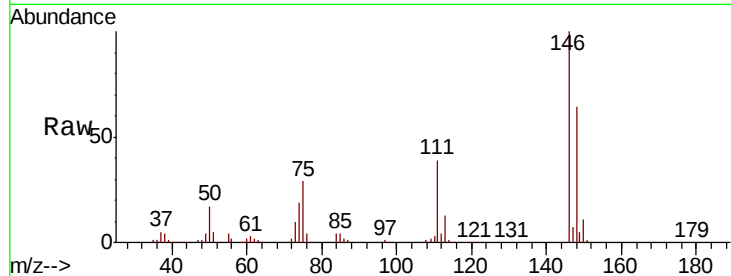




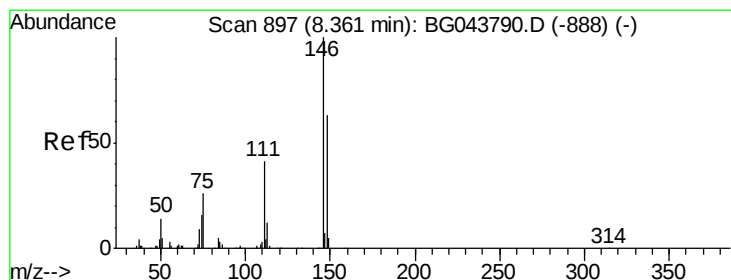
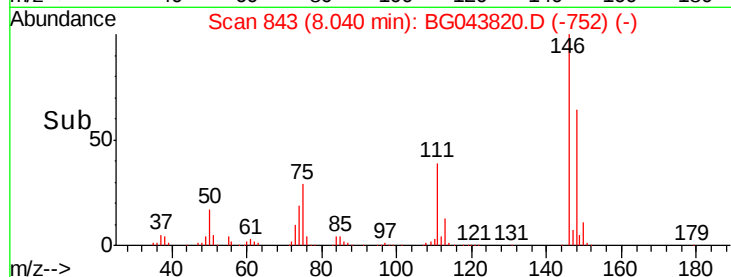
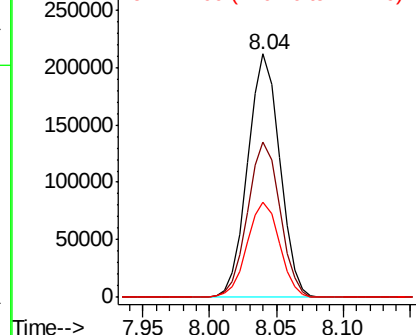
#13
 1,4-Dichlorobenzene
 Concen: 43.960 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 349764
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 111 39.2 31.4 47.2

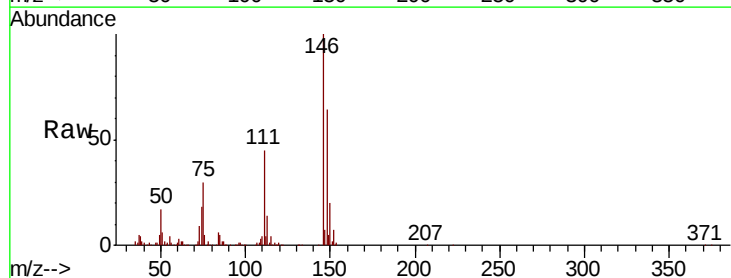


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

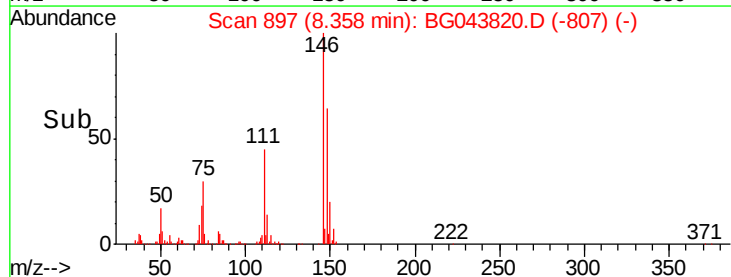
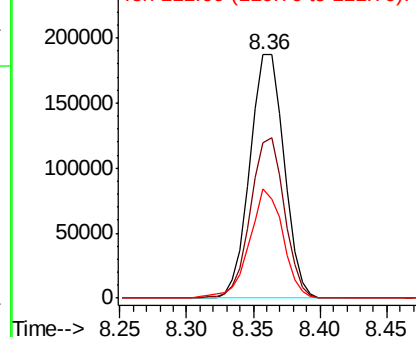


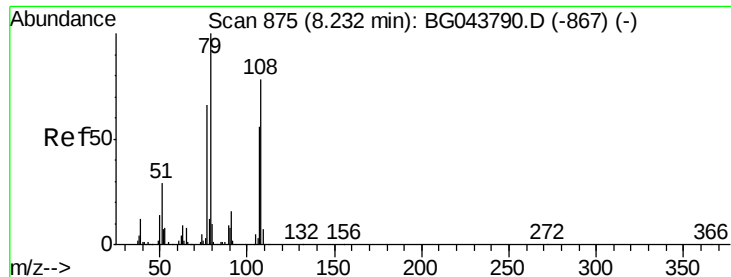
#14
 1,2-Dichlorobenzene
 Concen: 43.204 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:146 Resp: 331195
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 44.7 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





#15

Benzyl Alcohol

Concen: 49.062 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampled :

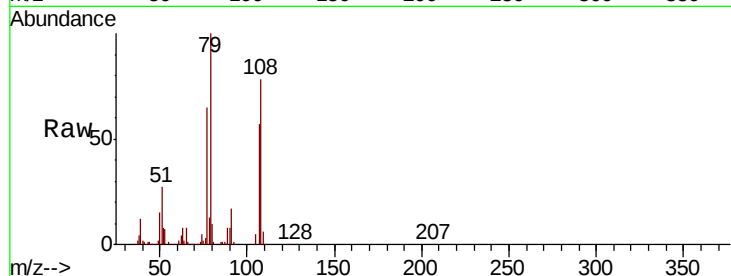
Tot Ion: 79 Resp: 320938

Ion Ratio Lower Upper

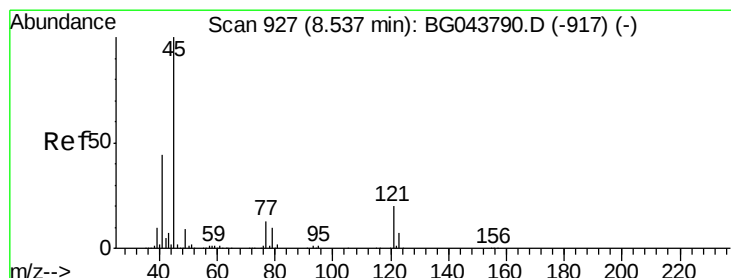
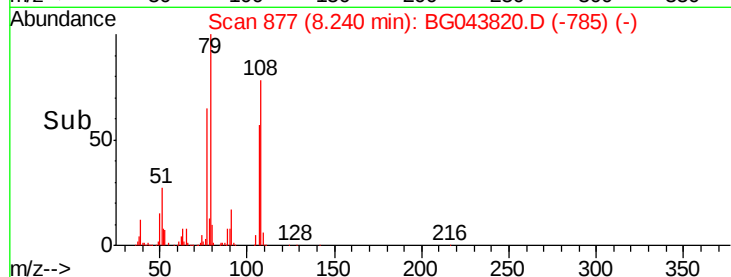
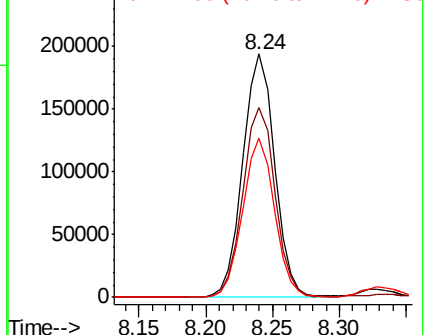
79 100

108 77.7 62.2 93.2

77 65.3 52.8 79.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.089 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

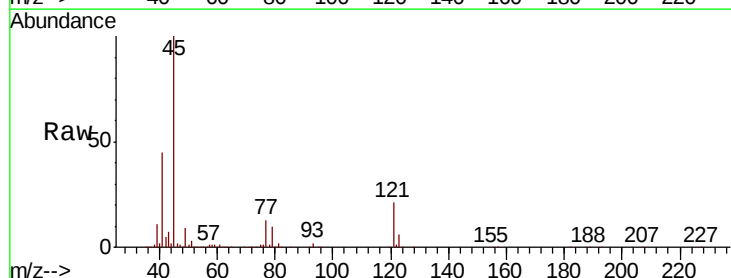
Tgt Ion: 45 Resp: 474210

Ion Ratio Lower Upper

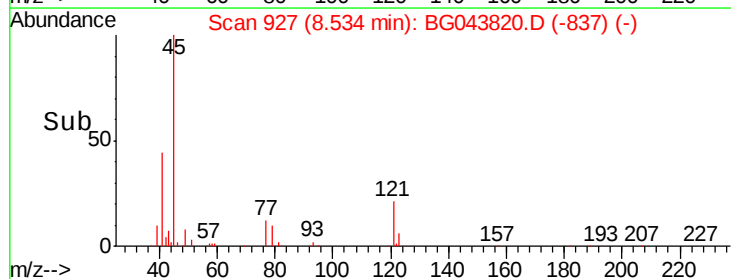
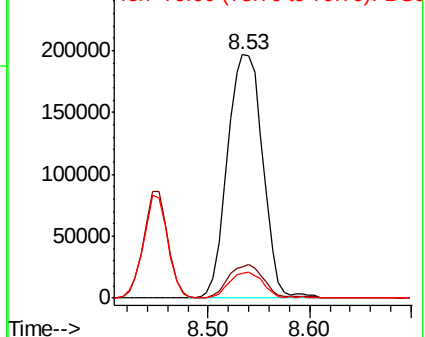
45 100

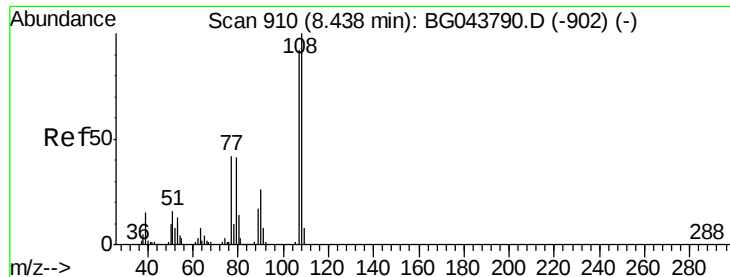
77 12.8 0.0 33.6

79 10.4 0.0 29.9



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





#17

2-Methylphenol

Concen: 53.217 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 322381

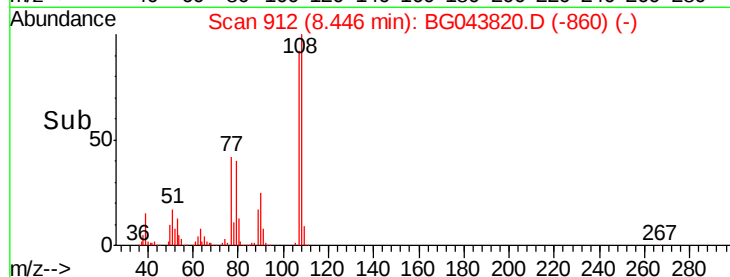
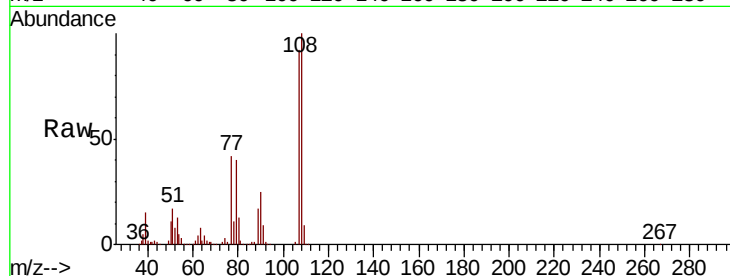
Ion Ratio Lower Upper

107 100

108 109.2 87.2 130.8

77 45.4 36.6 54.8

79 43.7 35.5 53.3



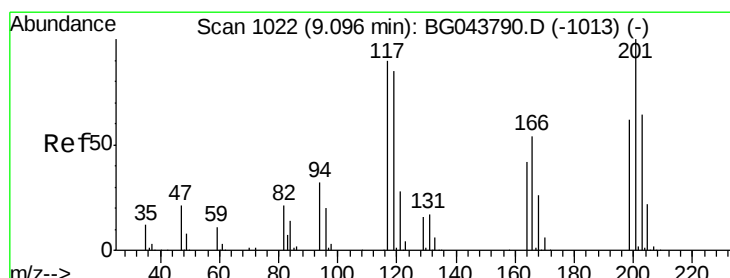
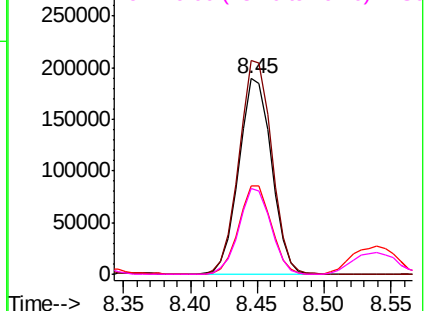
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.816 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

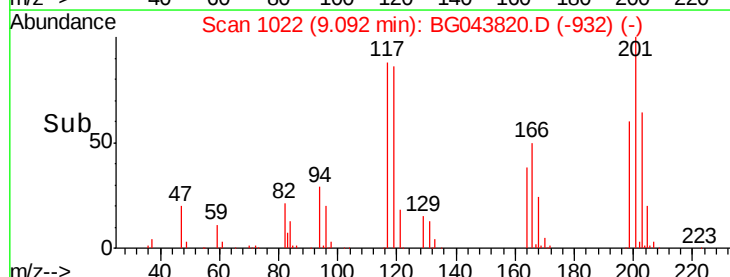
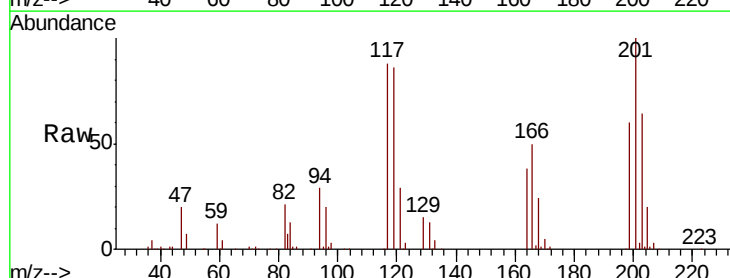
Tgt Ion:117 Resp: 126679

Ion Ratio Lower Upper

117 100

119 97.8 75.6 113.4

201 113.7 88.6 133.0

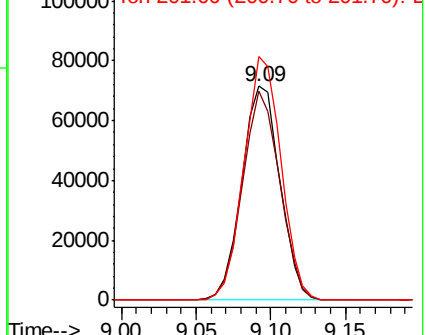


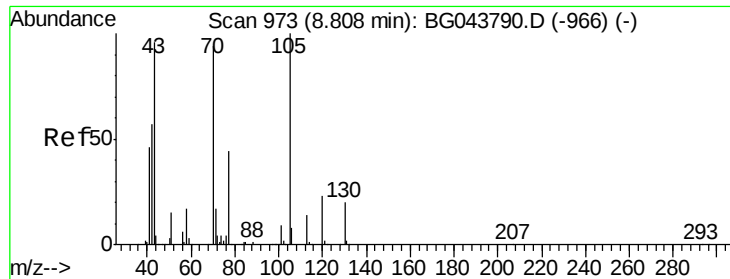
Abundance

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

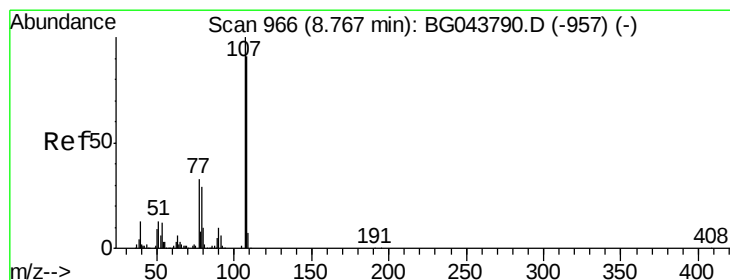
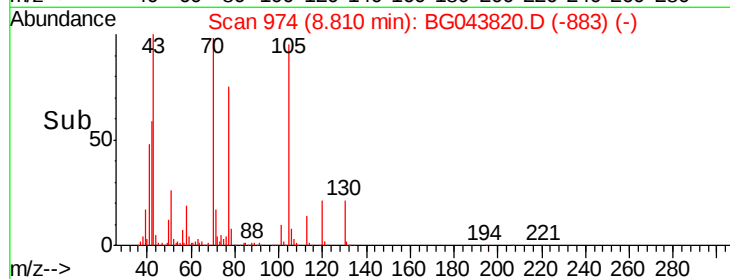
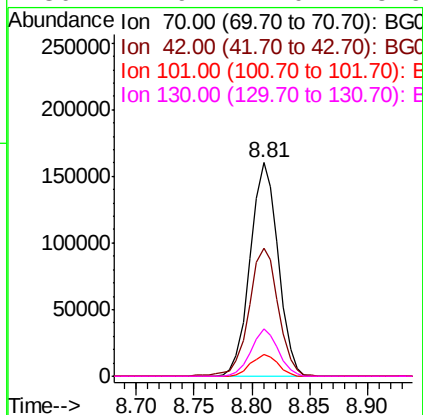
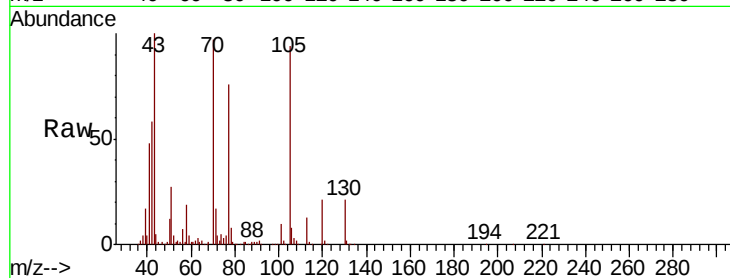




#19
n-Nitroso-di-n-propylamine
Concen: 43.160 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

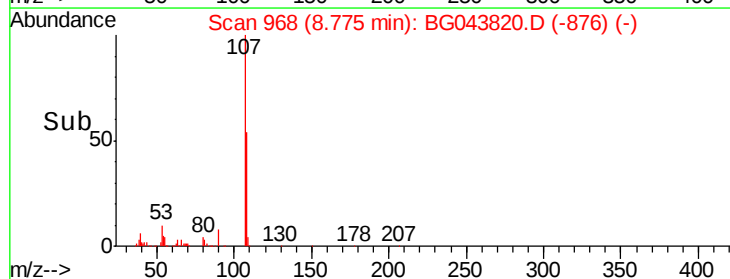
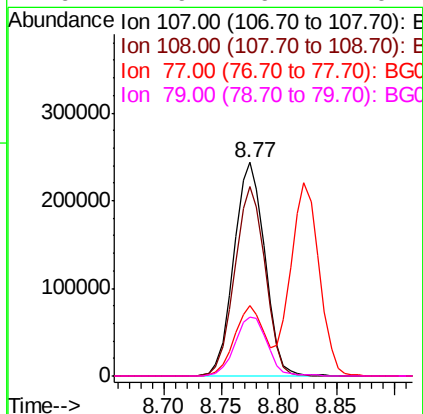
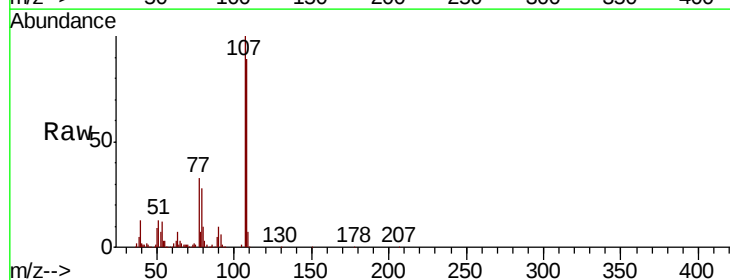
Instrument :
BNA_G
ClientSampleId :

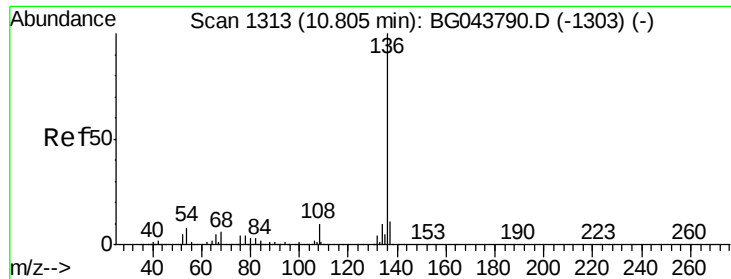
Tot Ion:	70	Resp:	271225
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.2	73.8
101	10.3	7.8	11.6
130	21.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 53.513 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:	107	Resp:	451394
Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.9	110.9
77	32.9	12.7	52.7
79	27.9	9.1	49.1

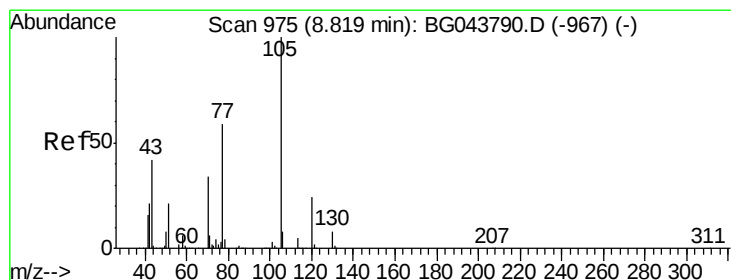
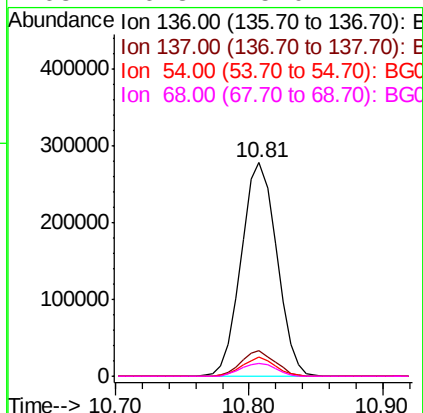
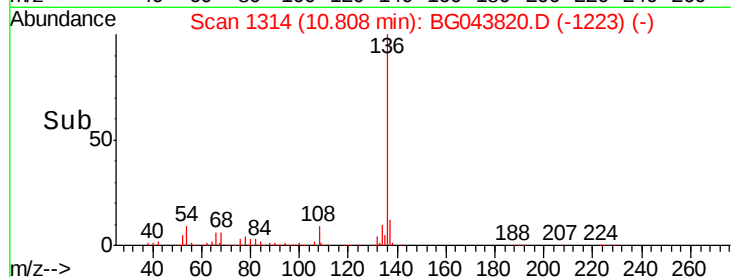
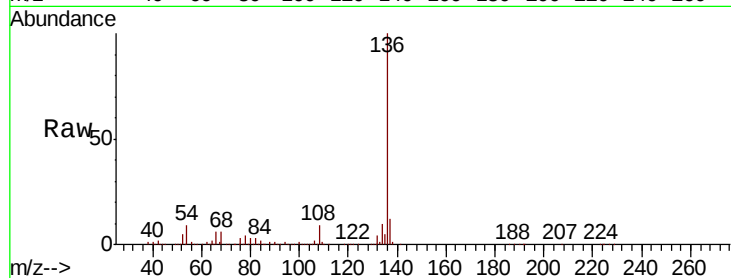




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

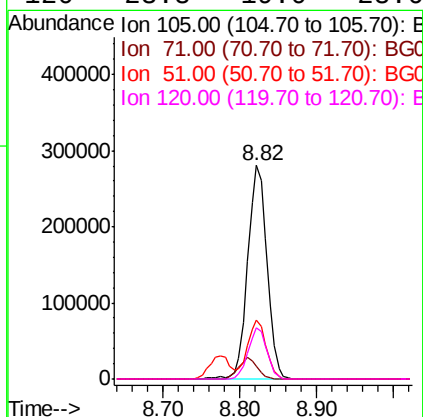
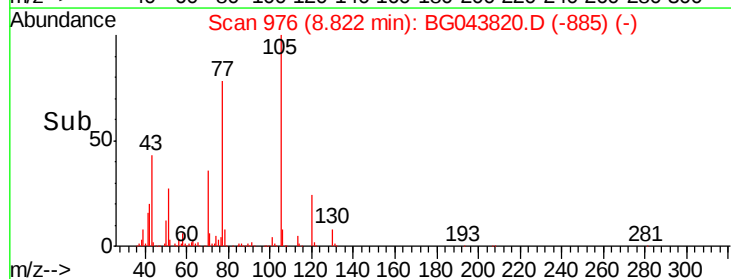
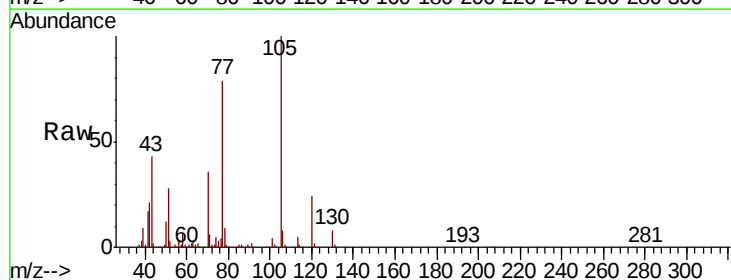
Instrument :
BNA_G
ClientSampleId :

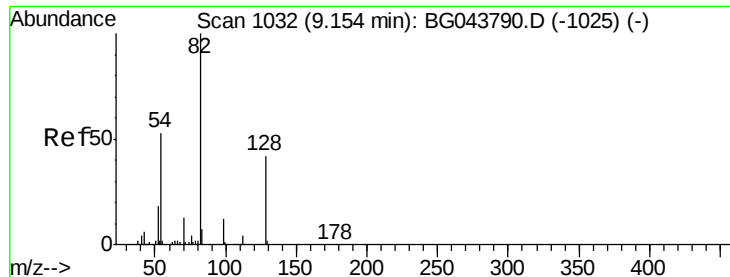
Tot Ion:136	Resp: 512286
Ion Ratio	Lower Upper
136 100	
137 11.8	8.7 13.1
54 8.9	6.8 10.2
68 6.3	5.0 7.4



#22
Acetophenone
Concen: 38.596 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt	Ion:105	Resp:	493106
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.9	7.3
51	27.5	22.2	33.4
120	23.8	19.0	28.6

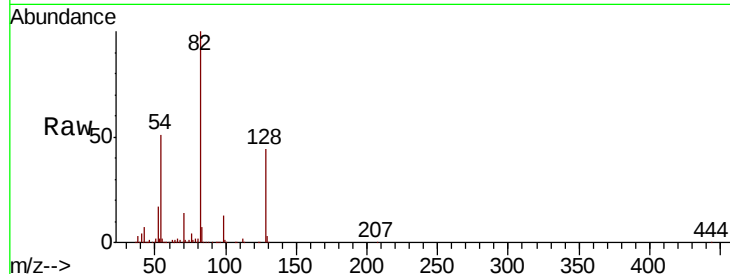




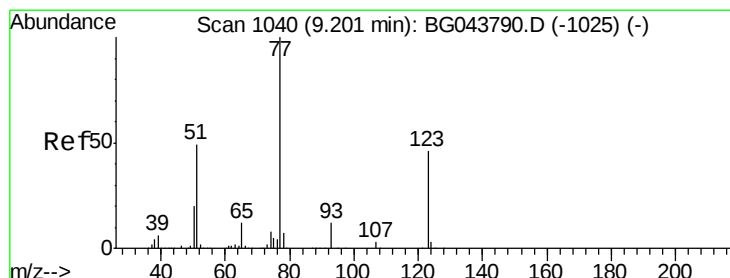
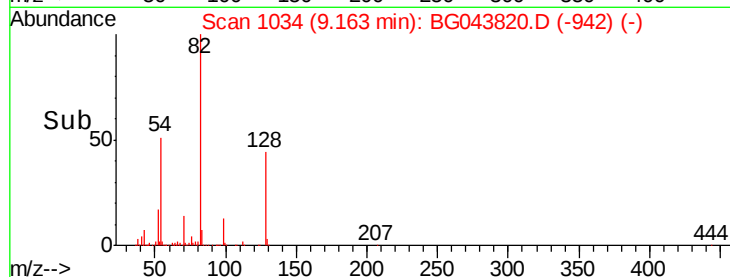
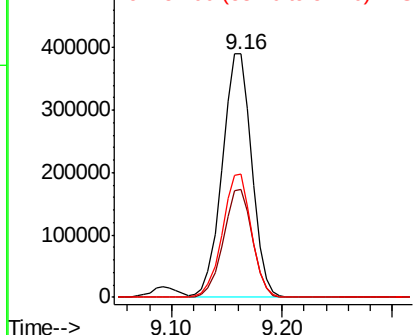
#23
 Nitrobenzene-d5
 Concen: 79.760 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 727727
 Ion Ratio Lower Upper
 82 100
 128 44.4 33.6 50.4
 54 50.9 42.1 63.1

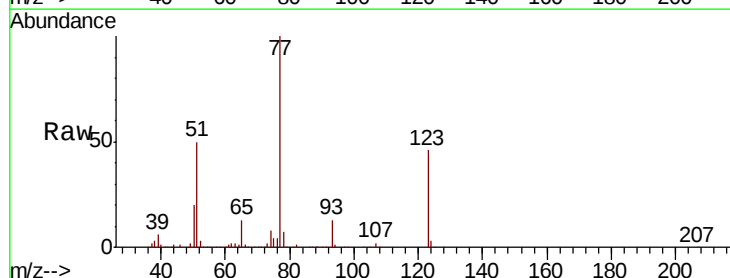


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

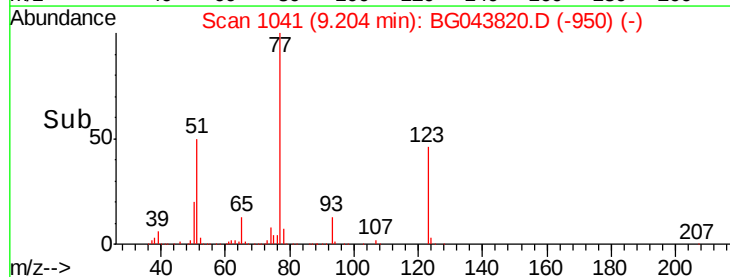
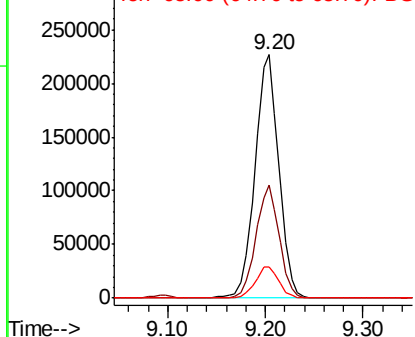


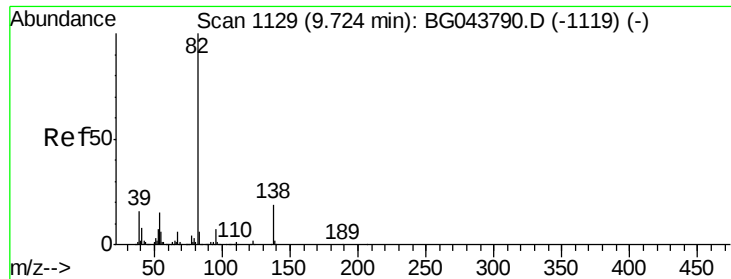
#24
 Nitrobenzene
 Concen: 41.749 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion: 77 Resp: 388000
 Ion Ratio Lower Upper
 77 100
 123 46.3 36.6 55.0
 65 12.8 9.8 14.6



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





#25

Isophorone

Concen: 41.402 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampled :

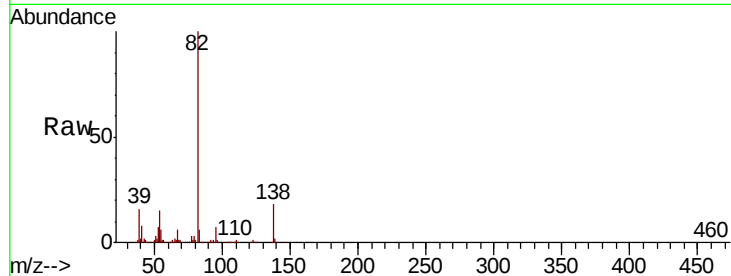
Tot Ion: 82 Resp: 754418

Ion Ratio Lower Upper

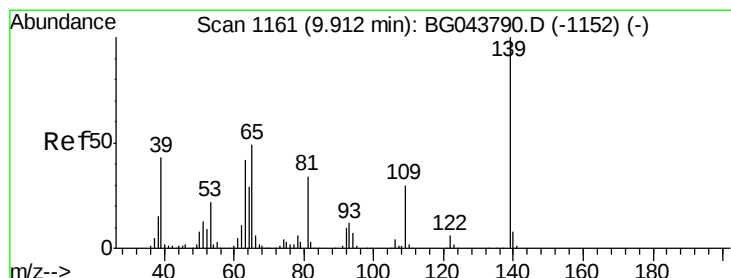
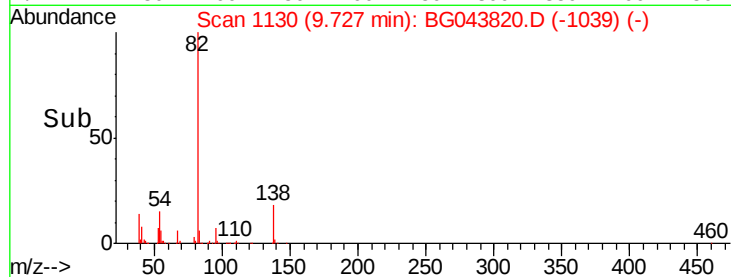
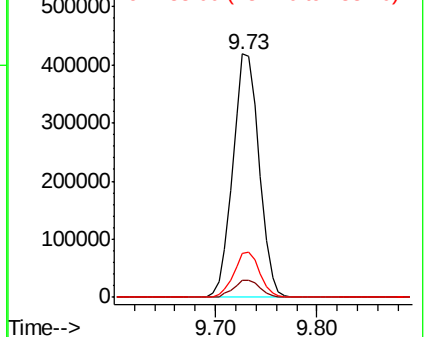
82 100

95 7.1 5.6 8.4

138 18.1 14.8 22.2



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



#26

2-Nitrophenol

Concen: 51.366 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

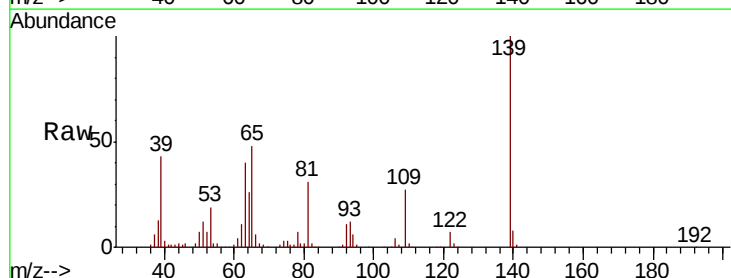
Tgt Ion: 139 Resp: 189228

Ion Ratio Lower Upper

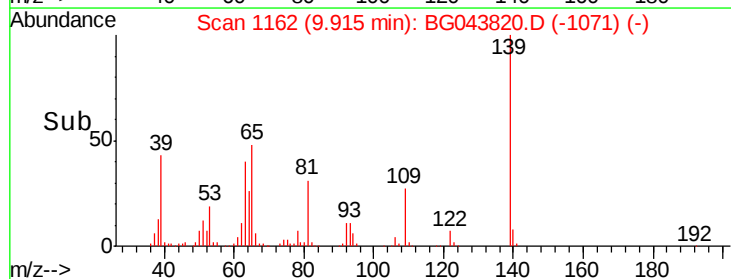
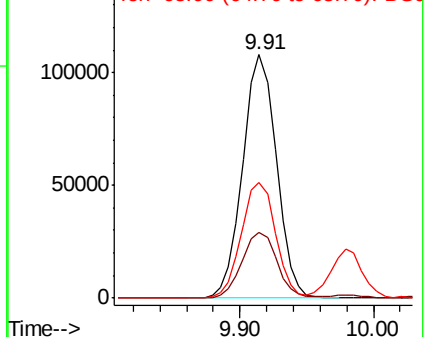
139 100

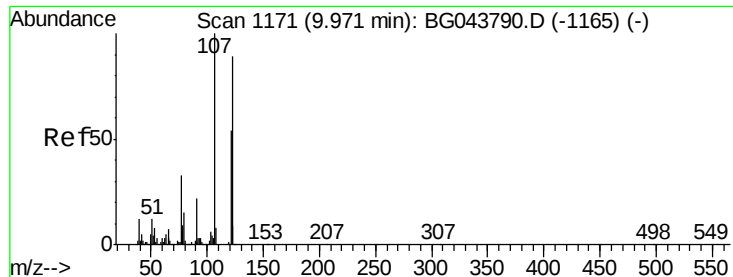
109 26.8 23.9 35.9

65 47.6 39.3 58.9



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





#27

2,4-Dimethylphenol

Concen: 56.821 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

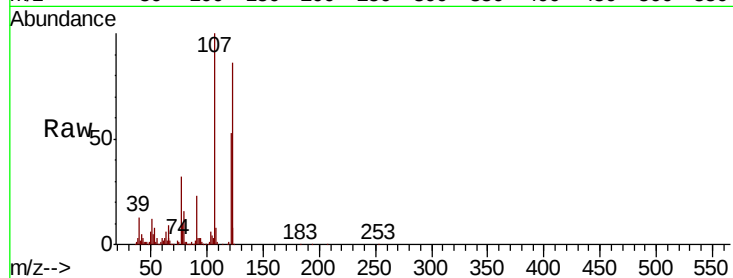
Tot Ion:122 Resp: 365878

Ion Ratio Lower Upper

122 100

107 116.0 90.0 135.0

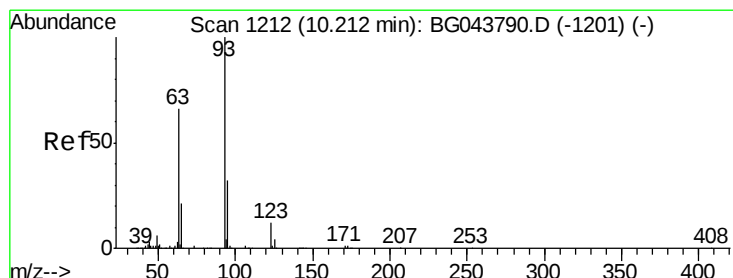
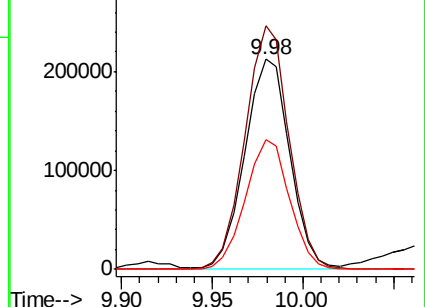
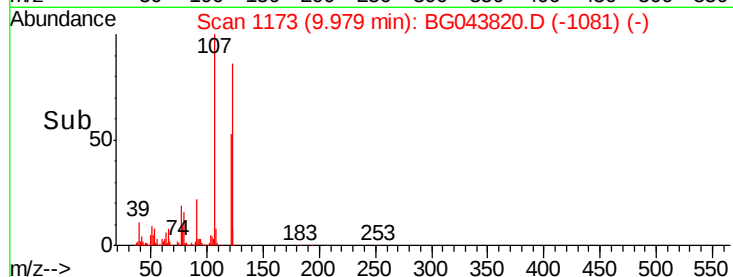
121 62.0 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.178 ng

RT: 10.21 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

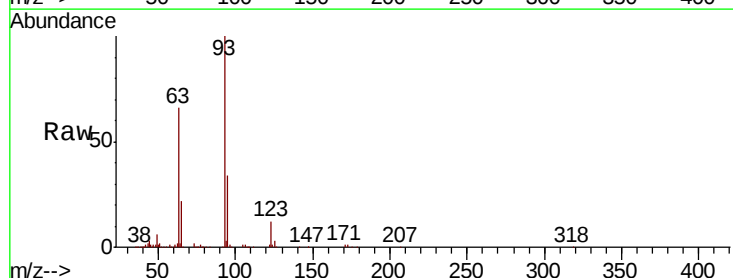
Tgt Ion: 93 Resp: 468630

Ion Ratio Lower Upper

93 100

95 33.9 25.7 38.5

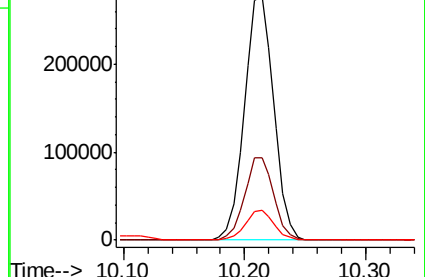
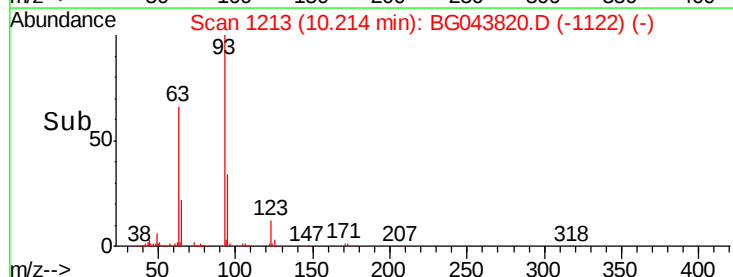
123 12.1 9.5 14.3

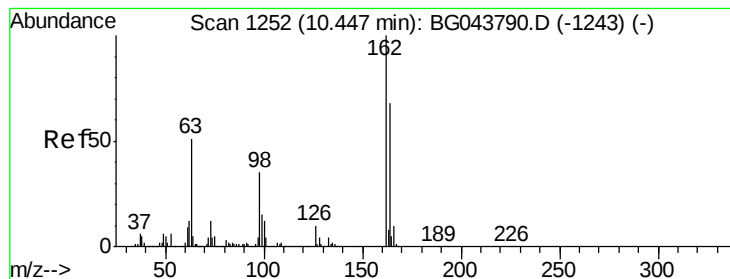


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.400 ng

RT: 10.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

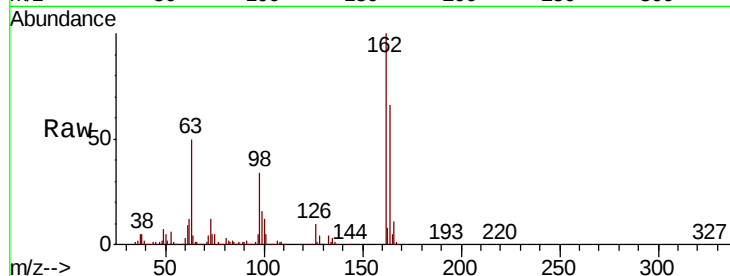
Tot Ion:162 Resp: 390627

Ion Ratio Lower Upper

162 100

164 65.8 48.0 88.0

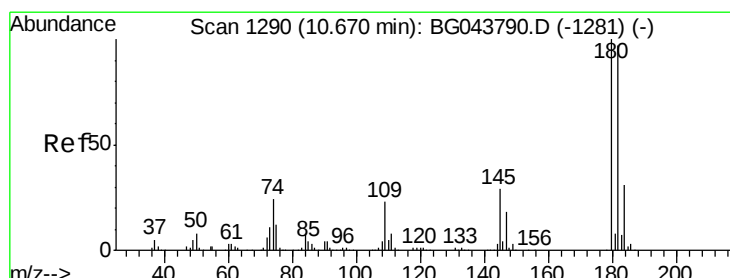
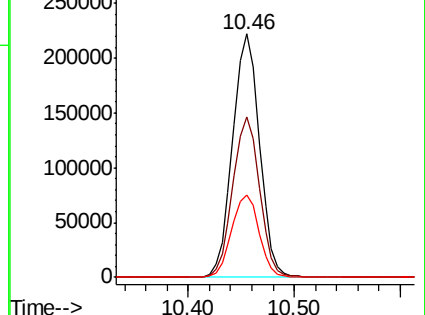
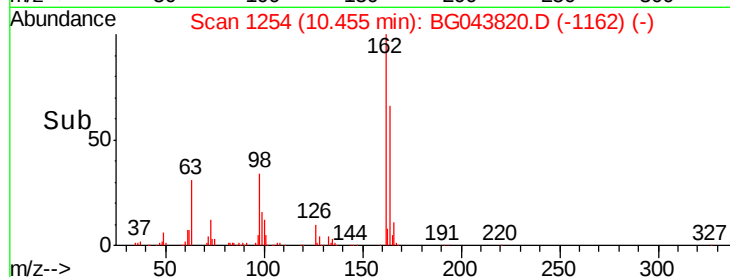
98 33.8 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.233 ng

RT: 10.67 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

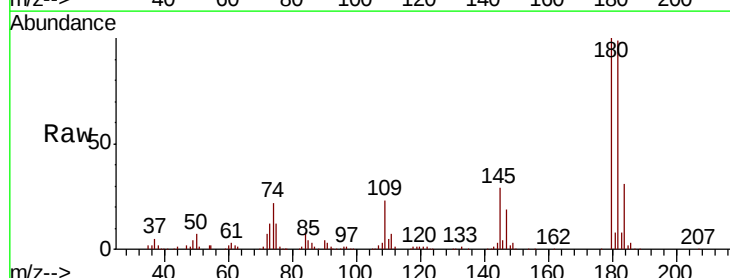
Tgt Ion:180 Resp: 367234

Ion Ratio Lower Upper

180 100

182 98.9 77.8 116.8

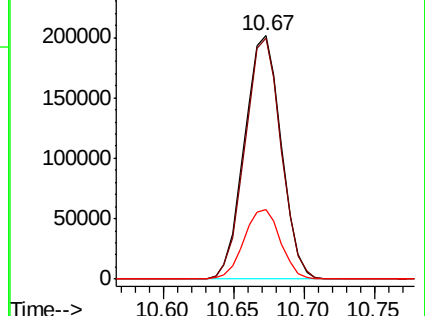
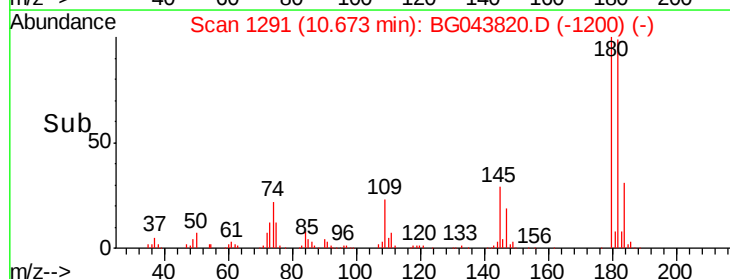
145 28.8 23.0 34.6

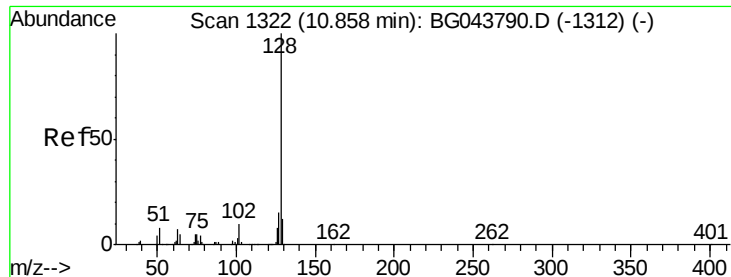


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

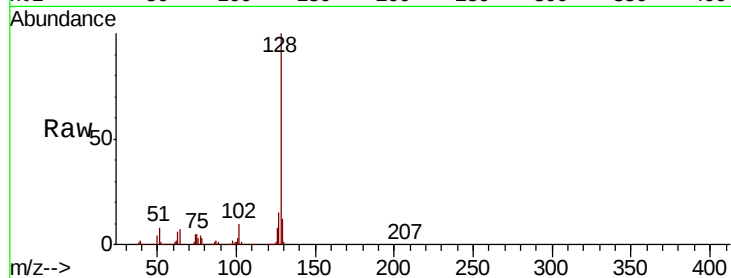




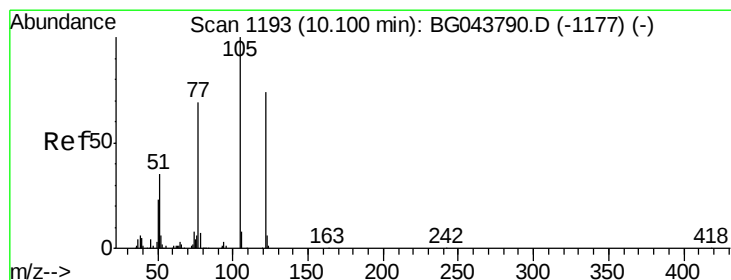
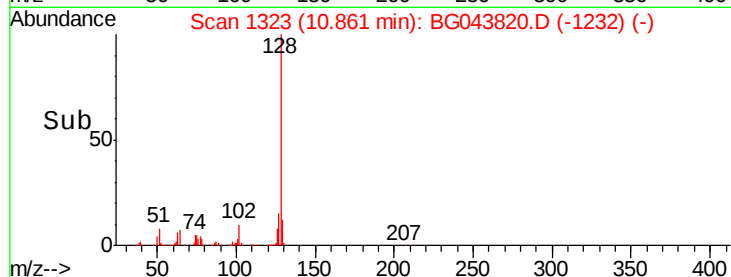
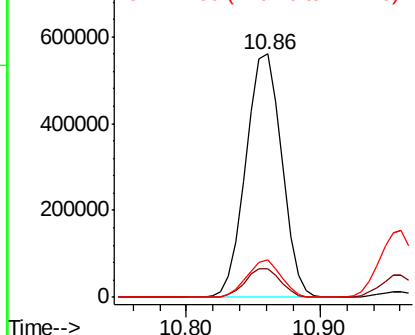
#31
Naphthalene
Concen: 42.408 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1042429
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 15.5 11.9 17.9

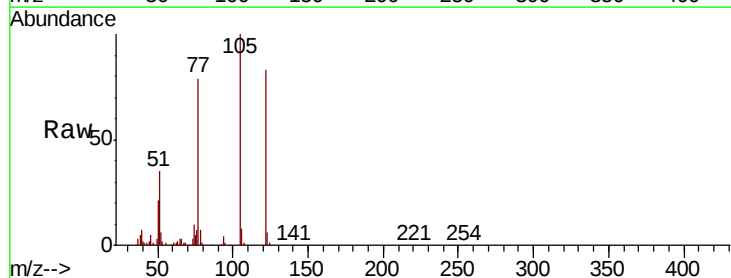


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

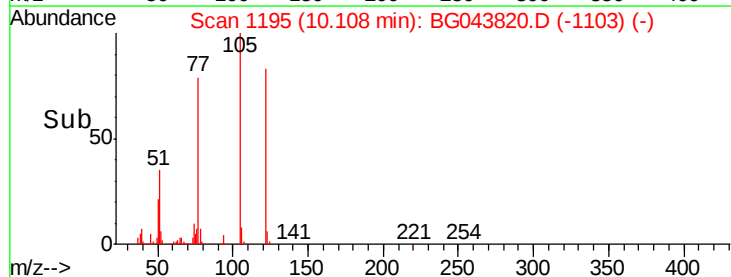
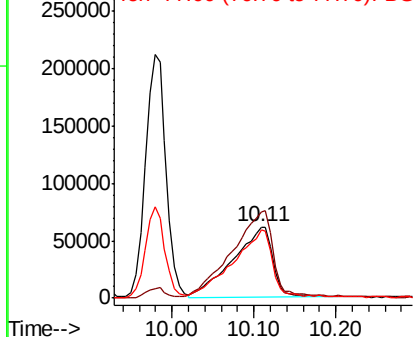


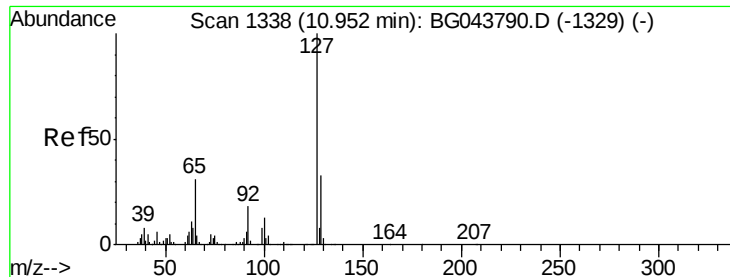
#32
Benzoic acid
Concen: 46.489 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:122 Resp: 207796
Ion Ratio Lower Upper
122 100
105 120.5 107.5 147.5
77 95.3 71.7 111.7



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

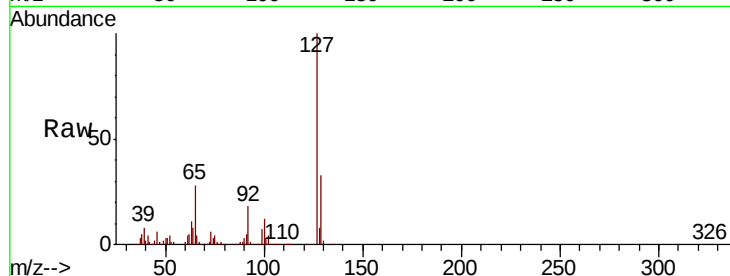




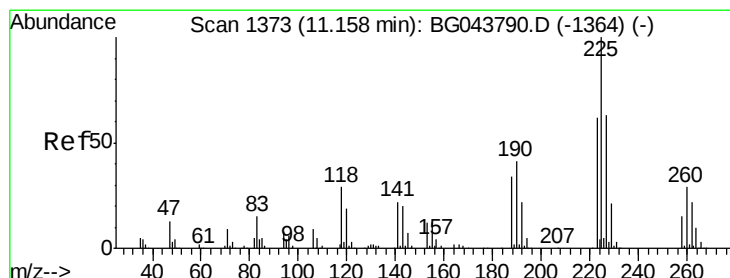
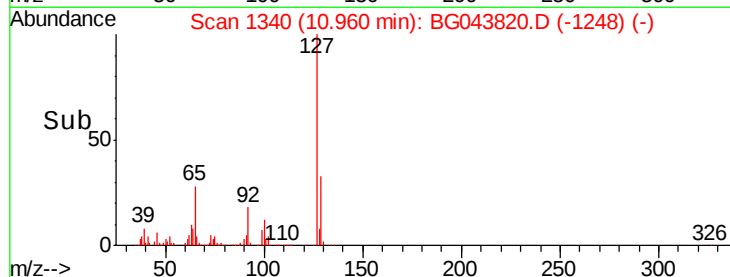
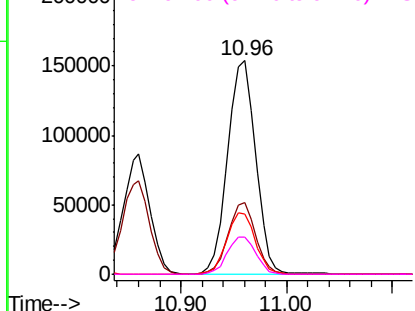
#33
4-Chloroaniline
Concen: 23.668 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	282081
Ion Ratio	Lower	Upper
127	100	
129	33.5	26.1 39.1
65	28.3	24.4 36.6
92	17.7	14.6 22.0

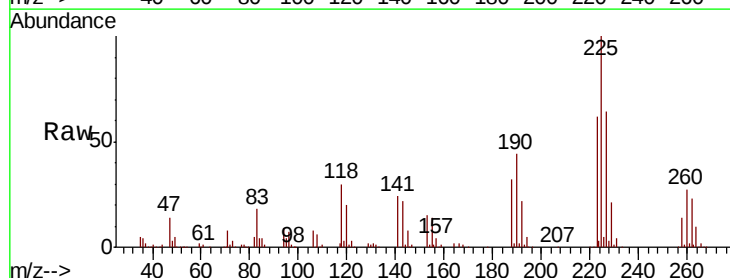


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

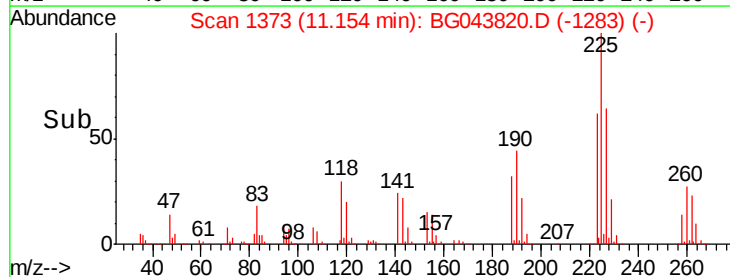
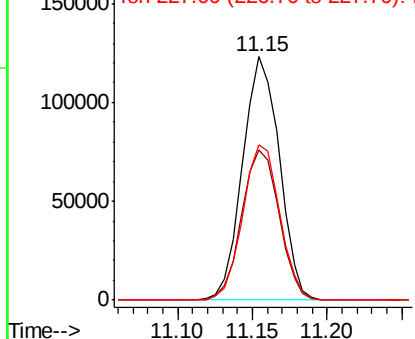


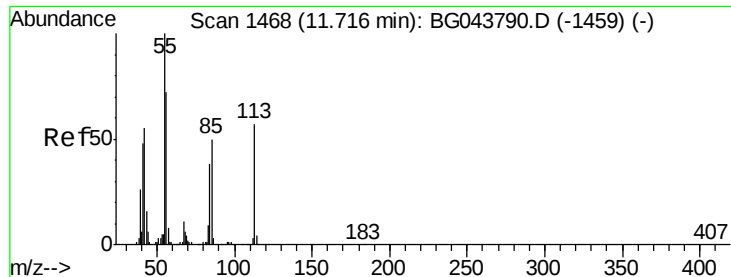
#34
Hexachlorobutadiene
Concen: 37.056 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:225	Resp:	210169
Ion Ratio	Lower	Upper
225	100	
223	61.7	49.3 73.9
227	64.0	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

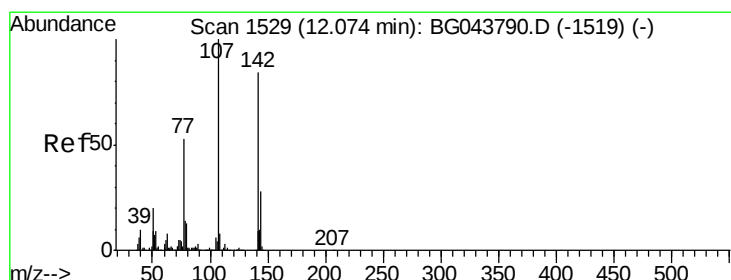
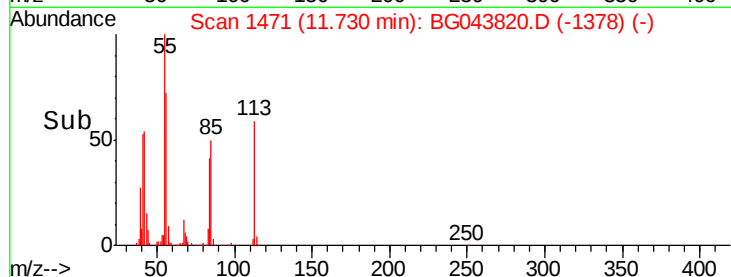
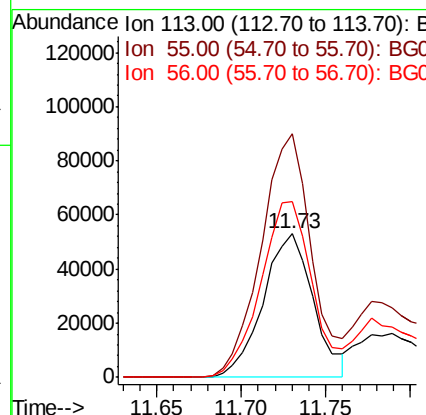
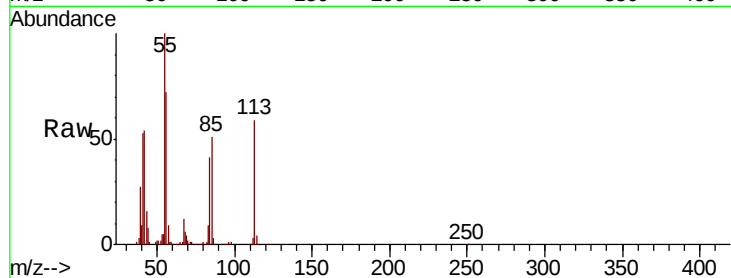




#35
 Caprolactam
 Concen: 34.974 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

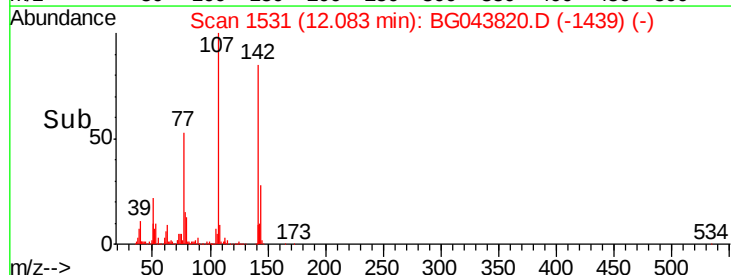
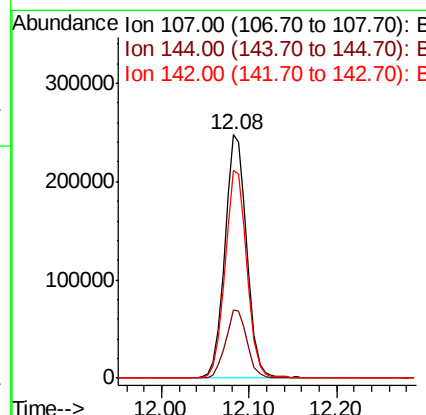
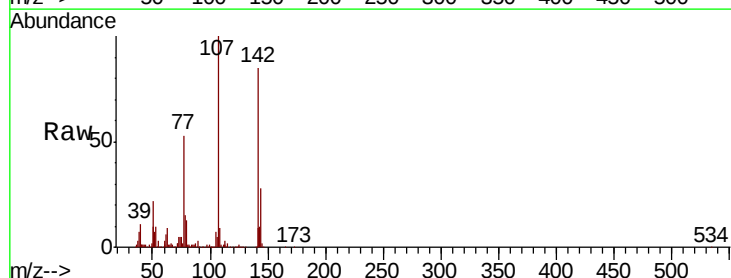
Instrument :
 BNA_G
 ClientSampleId :

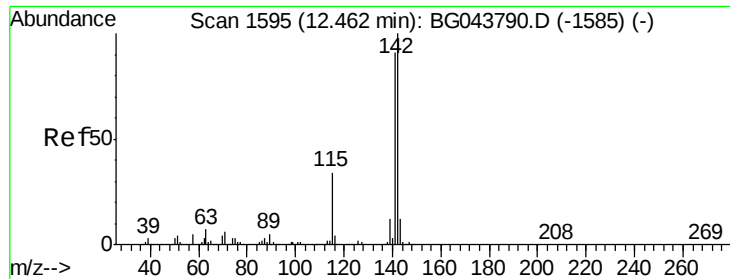
Tot Ion:113 Resp: 108534
 Ion Ratio Lower Upper
 113 100
 55 169.8 154.2 194.2
 56 122.5 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.296 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:107 Resp: 428167
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.2 33.4
 142 85.2 67.0 100.6

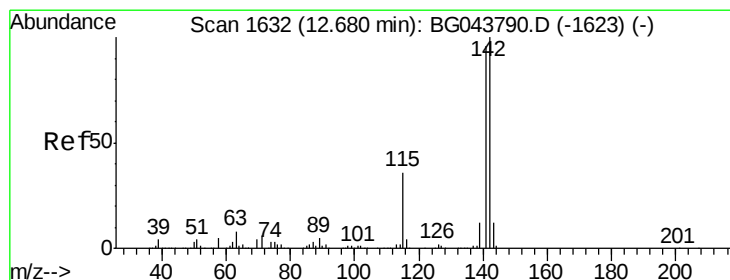
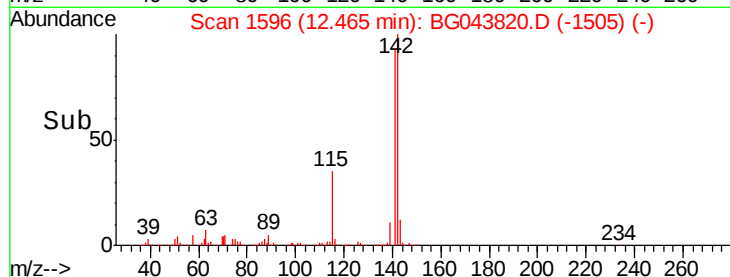
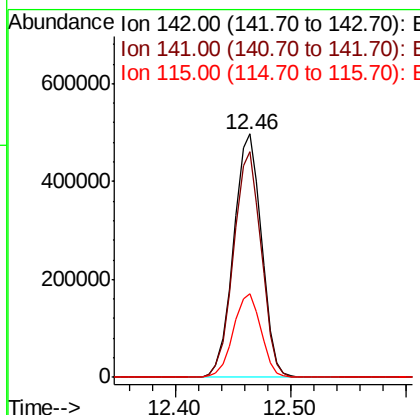
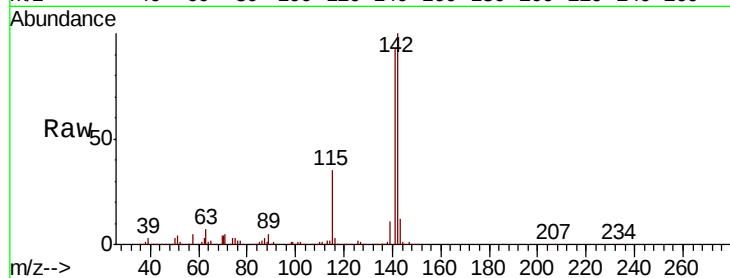




#37
 2-Methylnaphthalene
 Concen: 43.600 ng
 RT: 12.46 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

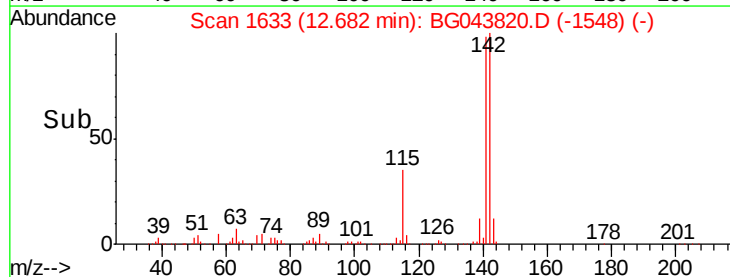
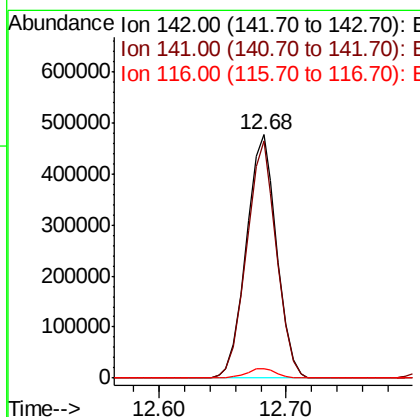
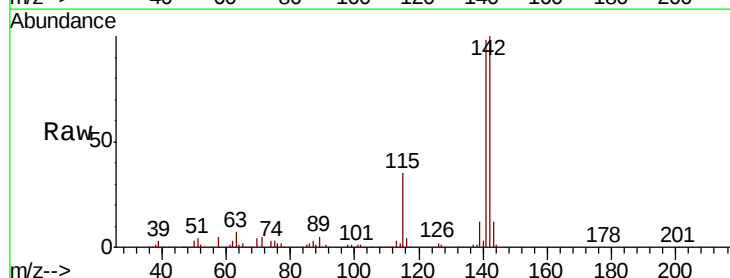
Instrument :
 BNA_G
 ClientSampleId :

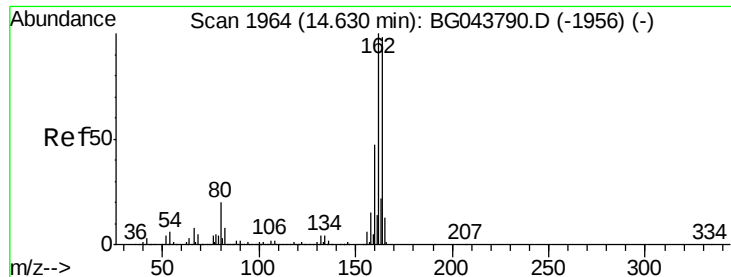
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
115	34.6	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 43.676 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.9	115.3
116	3.7	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

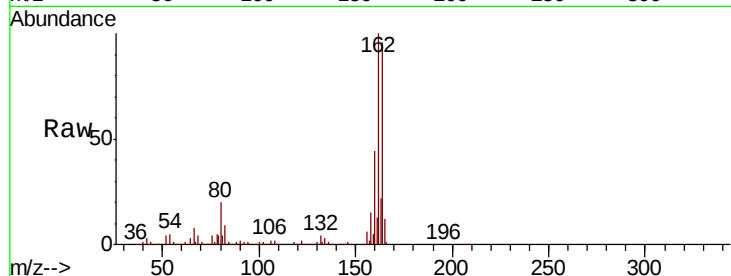
Tot Ion:164 Resp: 389584

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

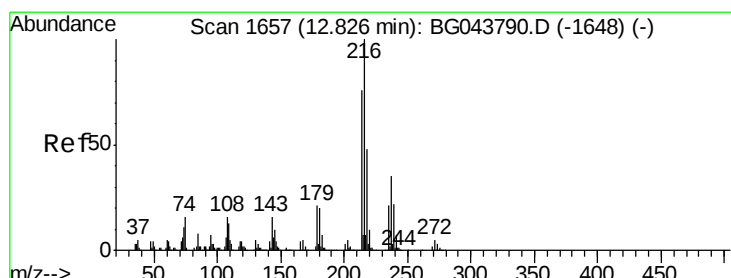
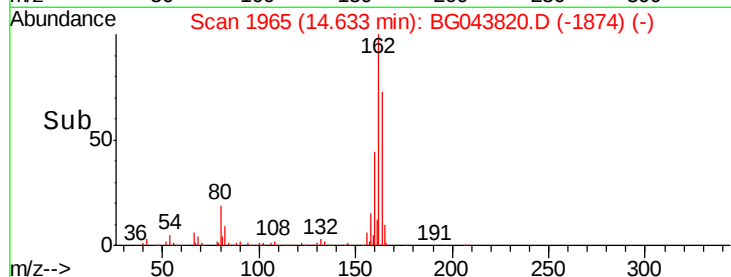
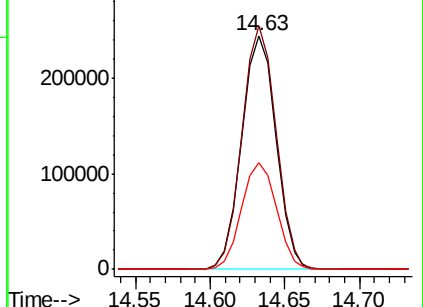
160 45.7 38.3 57.5



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: 36.176 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Tgt Ion:216 Resp: 423496

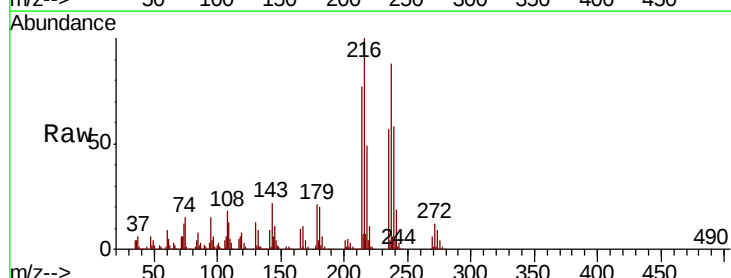
Ion Ratio Lower Upper

216 100

214 77.1 62.2 93.4

179 20.5 16.6 25.0

108 19.1 13.7 20.5

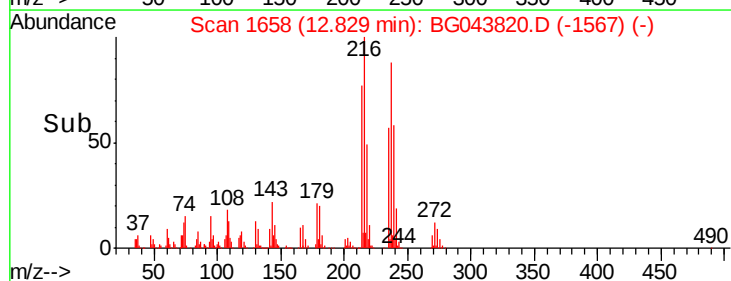
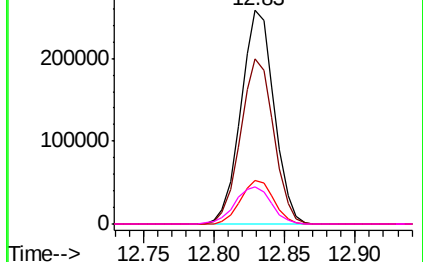


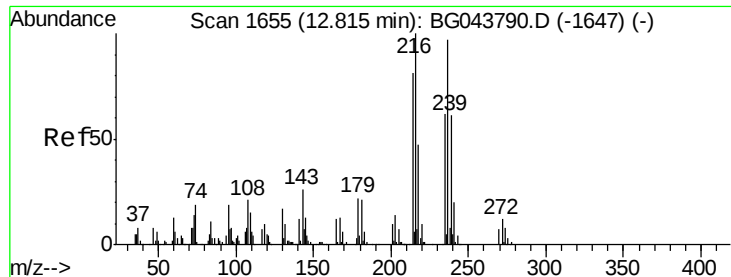
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.862 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

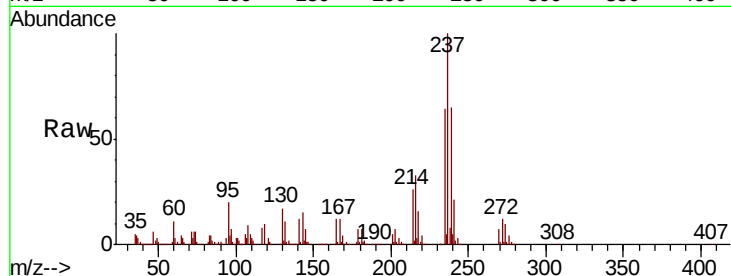
Tot Ion:237 Resp: 548716

Ion Ratio Lower Upper

237 100

235 64.5 43.9 83.9

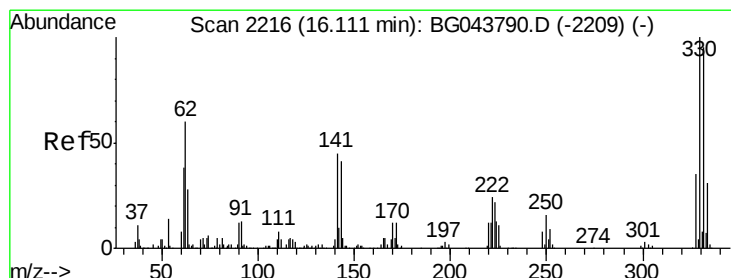
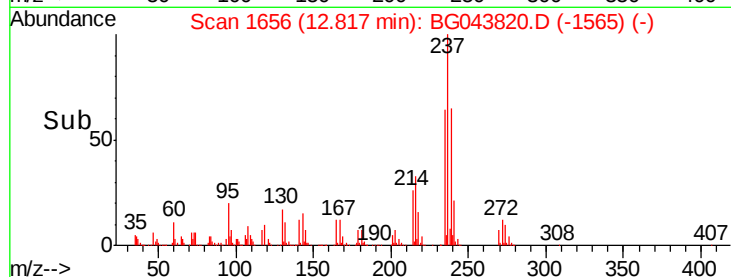
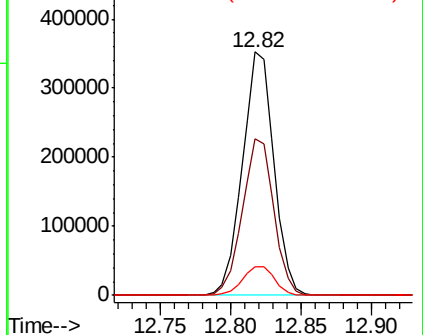
272 11.7 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.857 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

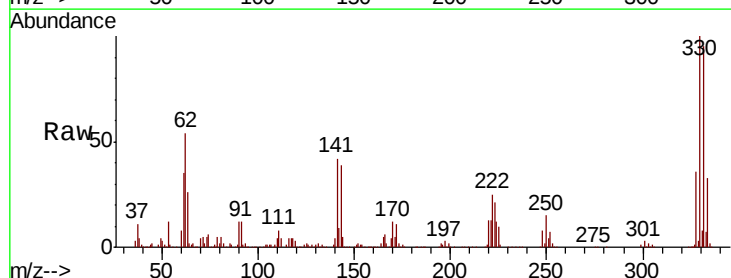
Tgt Ion:330 Resp: 497159

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

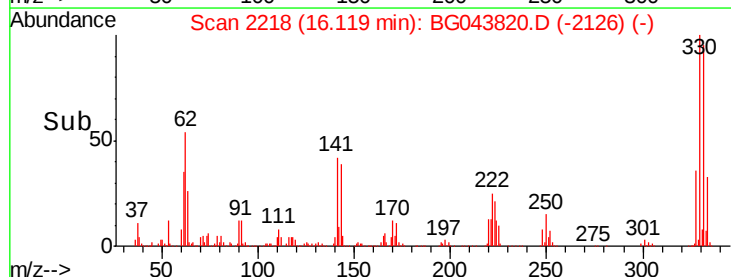
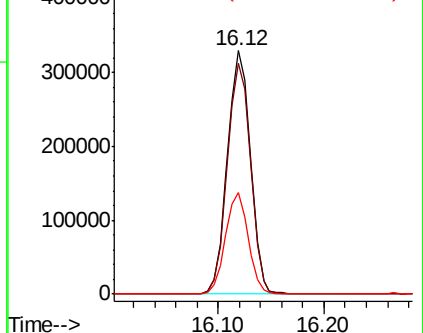
141 41.3 33.8 50.8

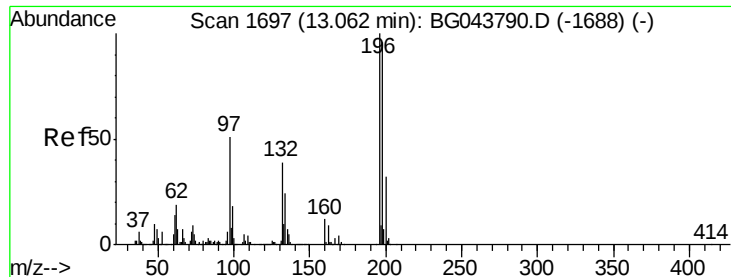


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

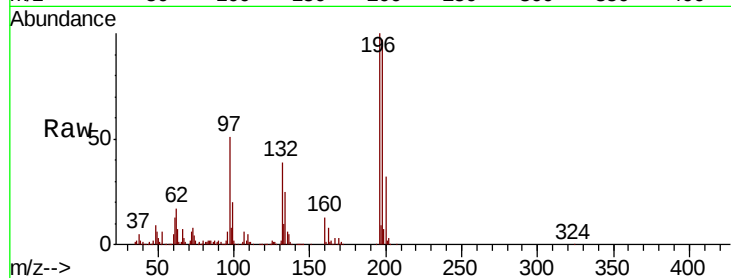




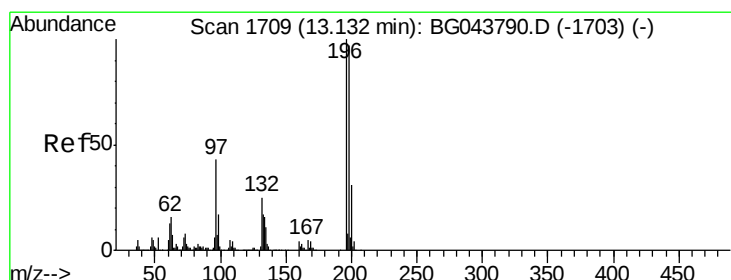
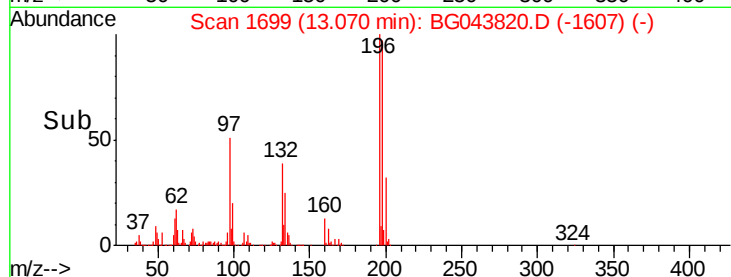
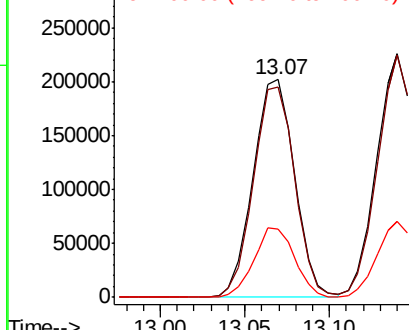
#43
 2,4,6-Trichlorophenol
 Concen: 46.099 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 343013
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.6
 200 31.5 25.7 38.5

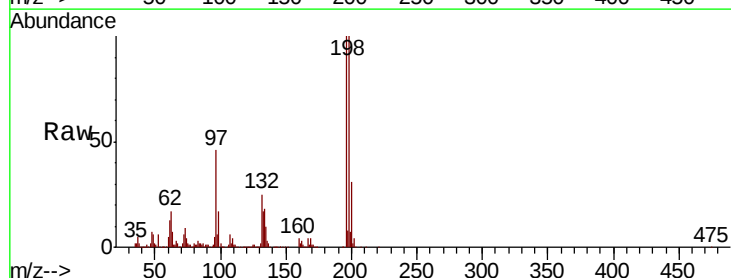


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

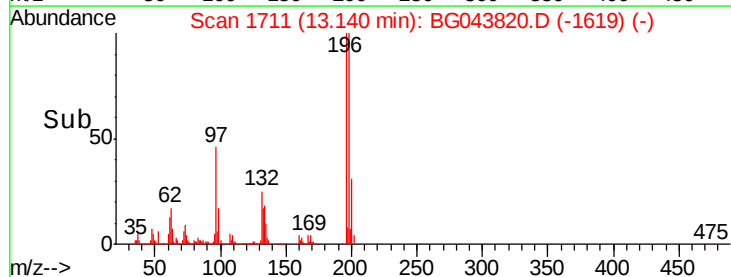
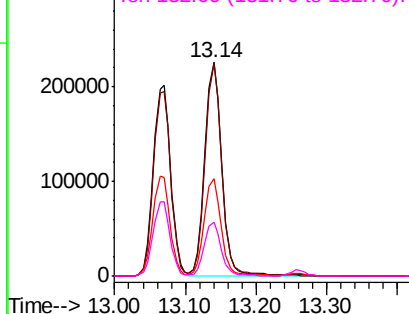


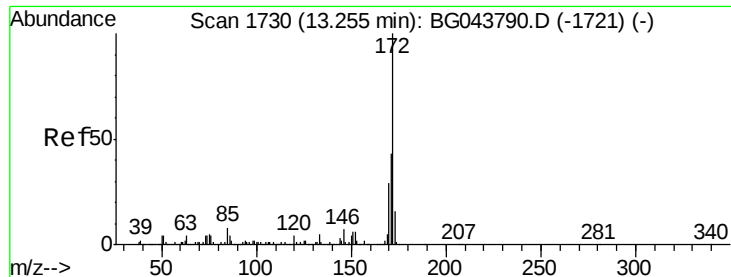
#44
 2,4,5-Trichlorophenol
 Concen: 48.823 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:196 Resp: 380595
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.4 116.0
 97 45.7 34.7 52.1
 132 25.1 20.0 30.0



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

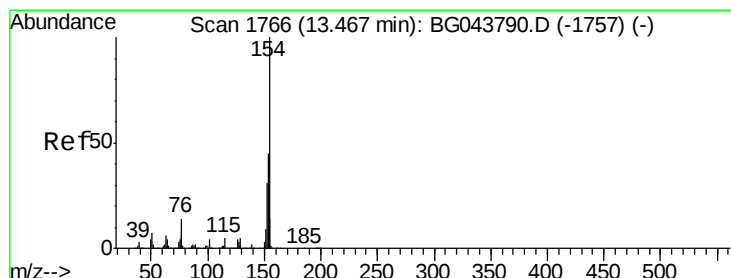
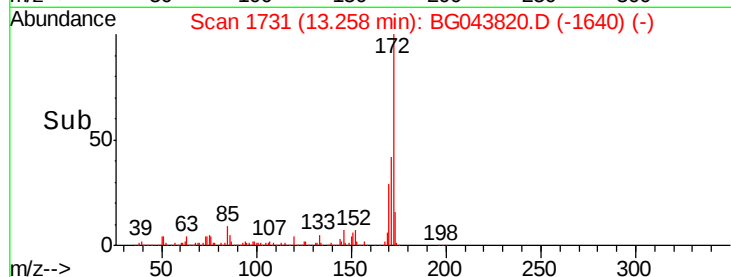
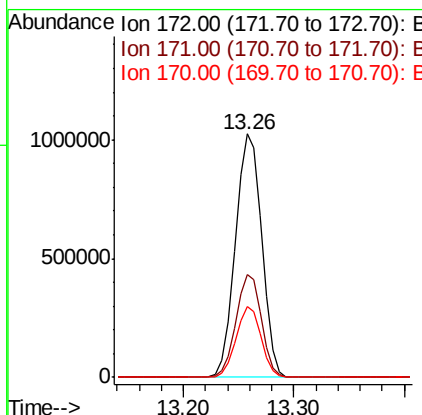
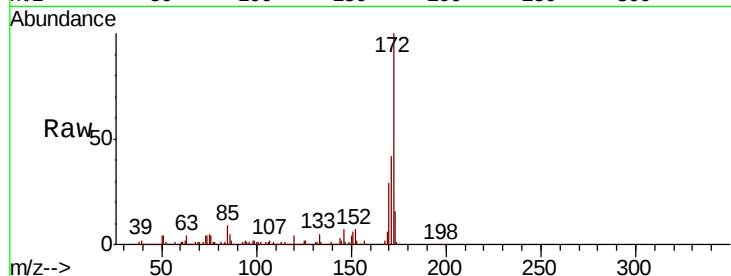




#45
 2-Fluorobiphenyl
 Concen: 77.234 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

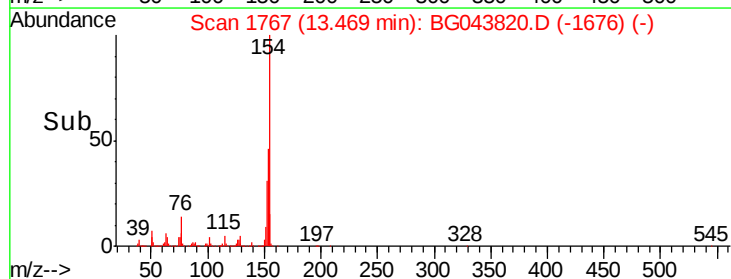
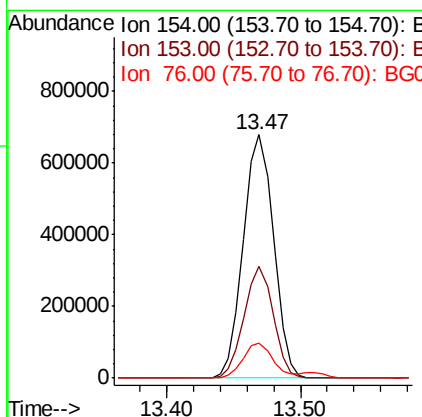
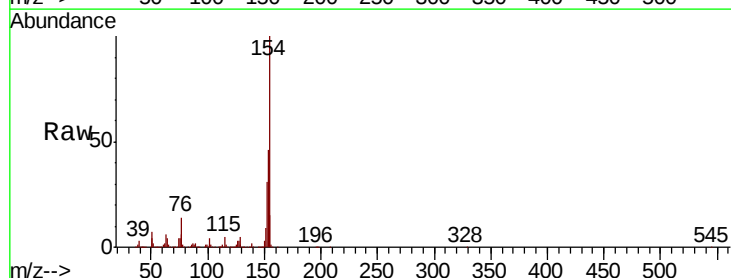
Instrument :
 BNA_G
 ClientSampleId :

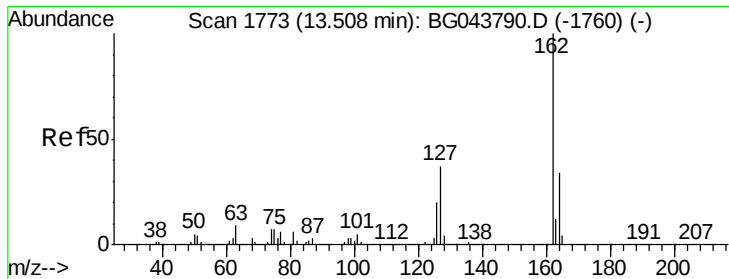
Tot Ion:172 Resp: 1712951
 Ion Ratio Lower Upper
 172 100
 171 42.5 34.6 51.8
 170 29.3 23.3 34.9



#46
 1,1'-Biphenyl
 Concen: 39.729 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:154 Resp: 1067053
 Ion Ratio Lower Upper
 154 100
 153 45.9 24.5 64.5
 76 14.3 0.0 33.9

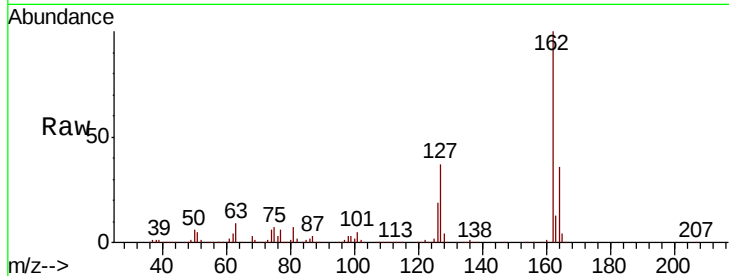




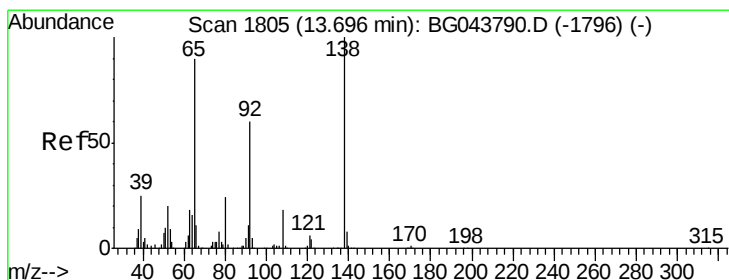
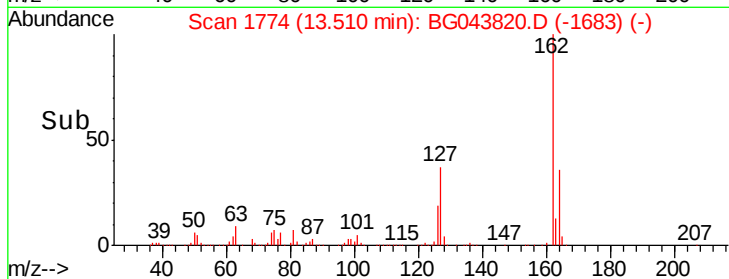
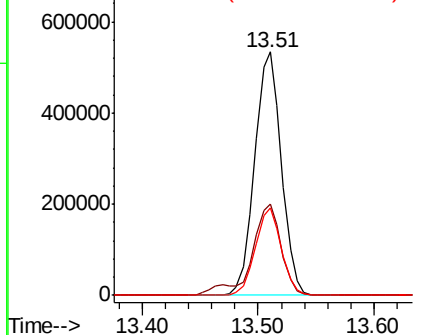
#47
 2-Chloronaphthalene
 Concen: 39.101 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	162	Resp:	858539
Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.0	45.0
164	36.0	27.6	41.4

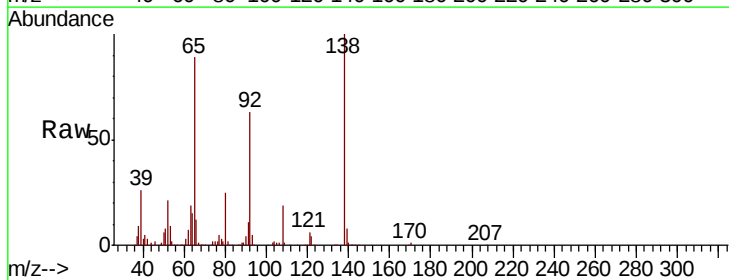


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

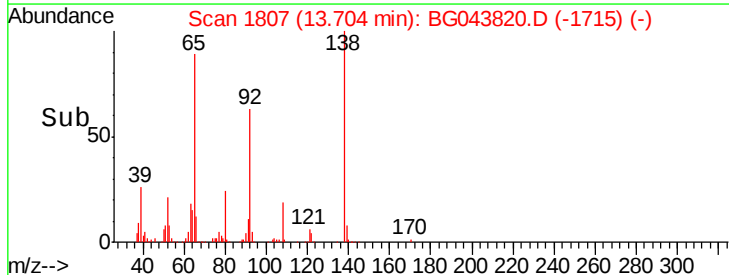
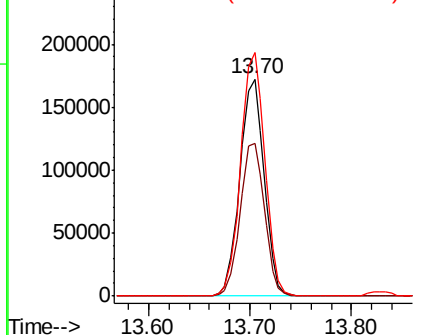


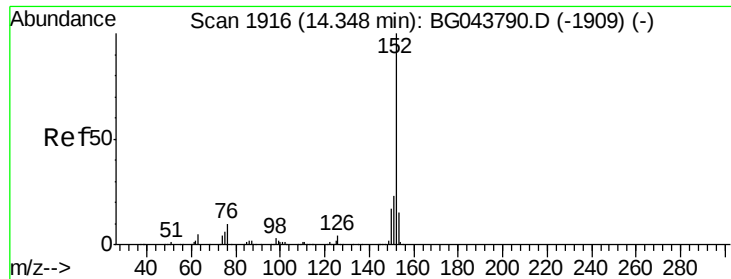
#48
 2-Nitroaniline
 Concen: 44.373 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:	65	Resp:	287338
Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.7	80.5
138	112.0	88.8	133.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.482 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

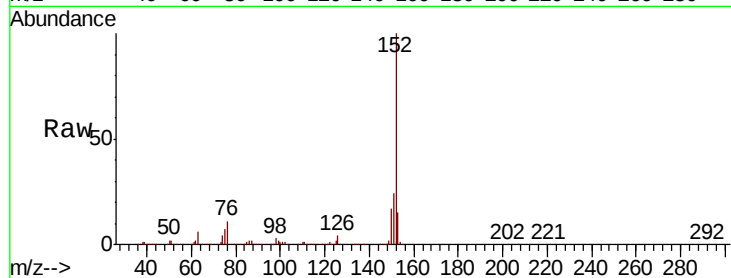
Tot Ion:152 Resp: 1389510

Ion Ratio Lower Upper

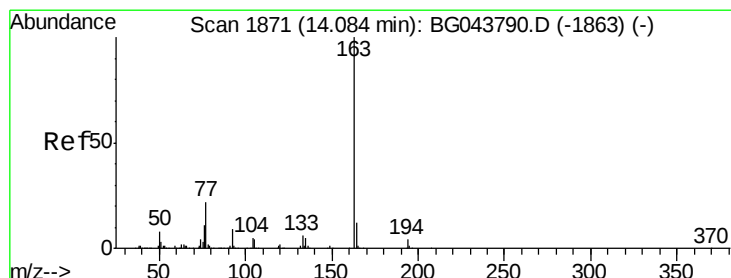
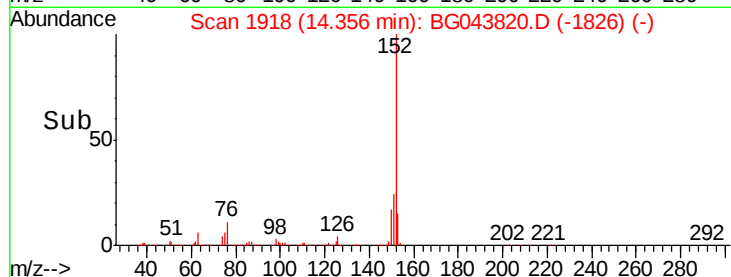
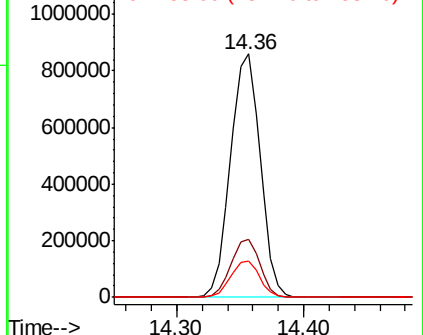
152 100

151 23.9 18.5 27.7

153 15.2 11.8 17.8



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: 41.437 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

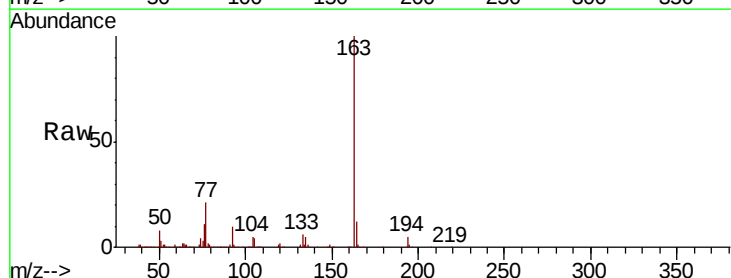
Tgt Ion:163 Resp: 1152230

Ion Ratio Lower Upper

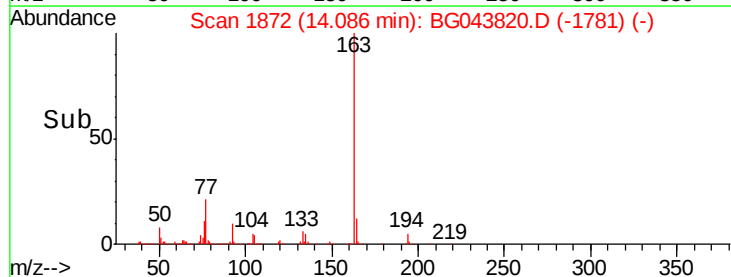
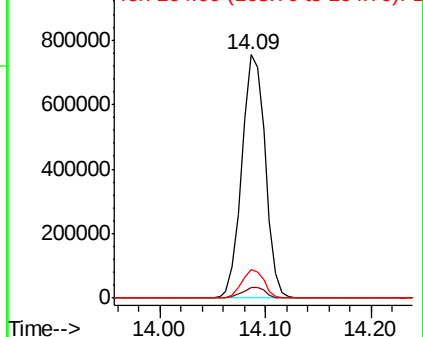
163 100

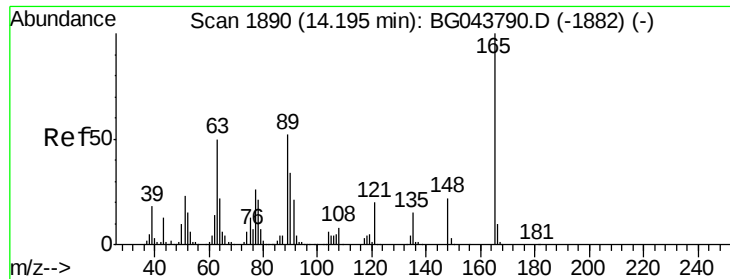
194 4.6 3.6 5.4

164 12.0 9.4 14.0



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

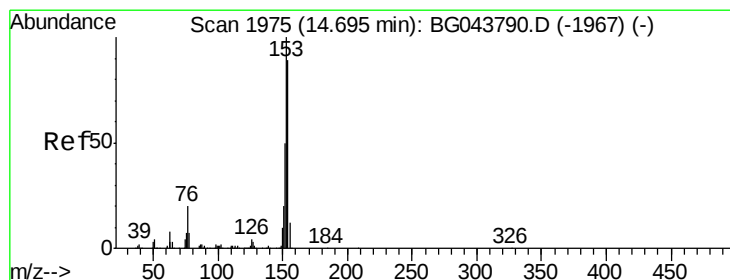
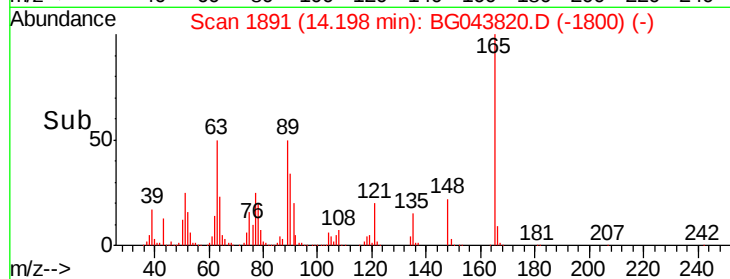
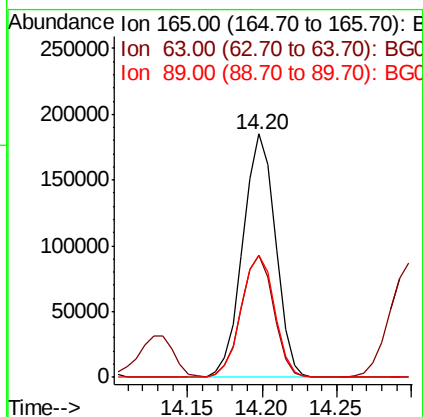
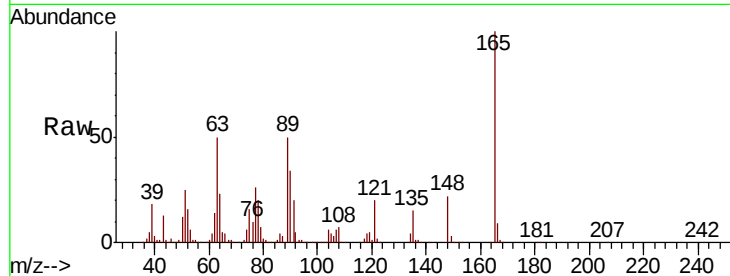




#51
 2,6-Dinitrotoluene
 Concen: 46.790 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

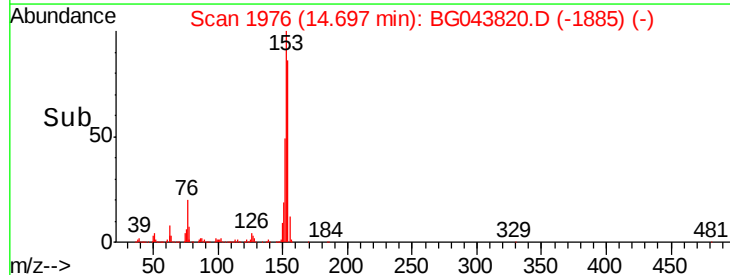
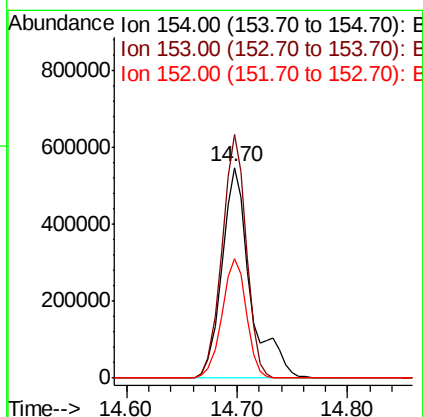
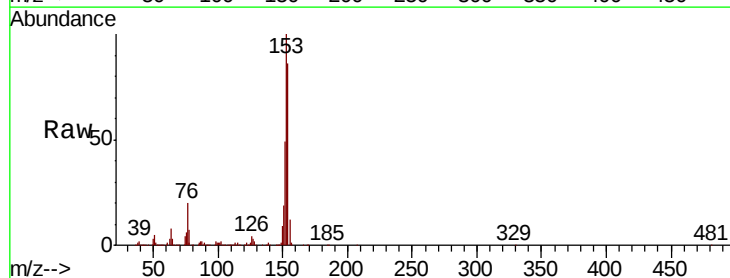
Instrument :
 BNA_G
 ClientSampleId :

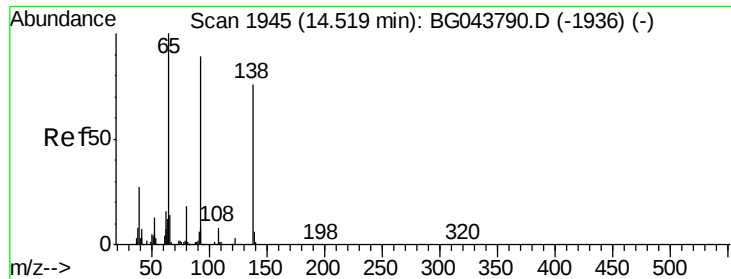
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	40.3	60.5
89	50.4	41.8	62.8



#52
 Acenaphthene
 Concen: 45.778 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.5	134.3
152	56.9	45.0	67.4

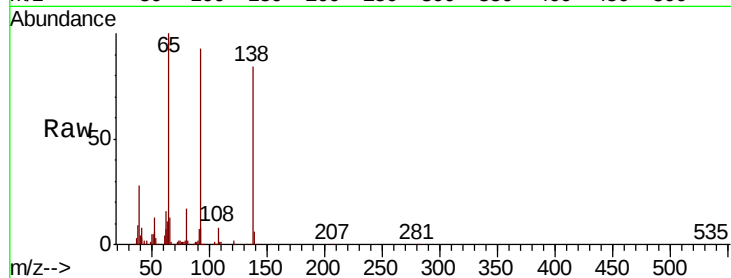




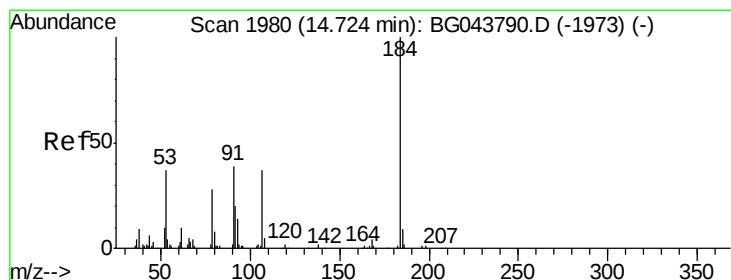
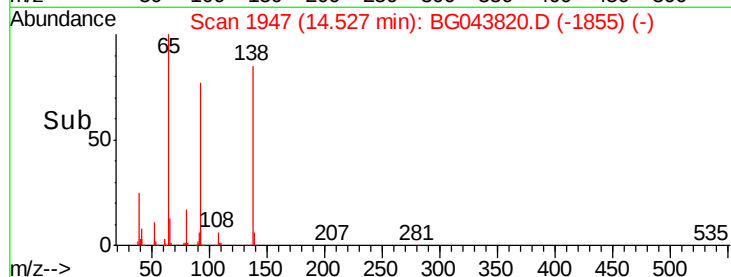
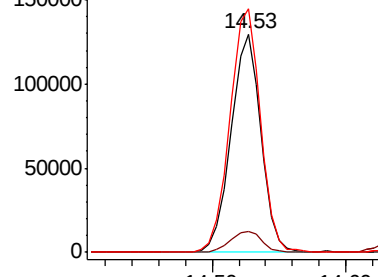
#53
3-Nitroaniline
Concen: 29.173 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 200048
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 111.5 94.6 141.8

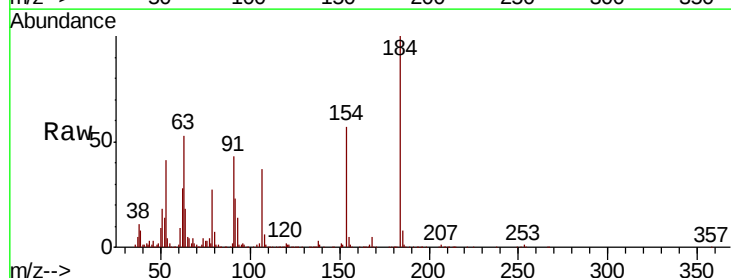


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

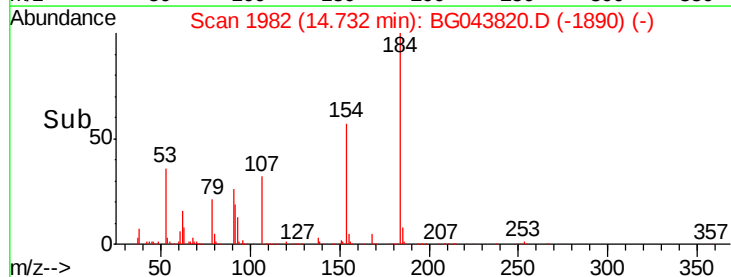
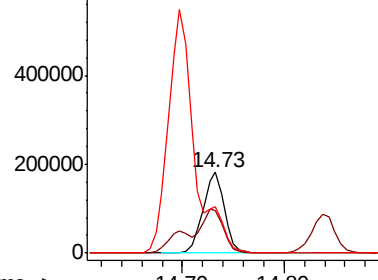


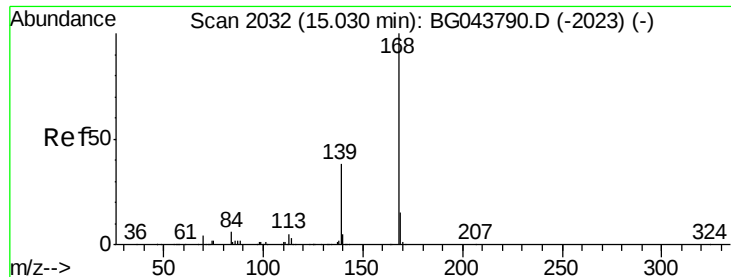
#54
2,4-Dinitrophenol
Concen: 99.953 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:184 Resp: 270464
Ion Ratio Lower Upper
184 100
63 53.1 43.4 65.0
154 57.1 54.8 82.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.814 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

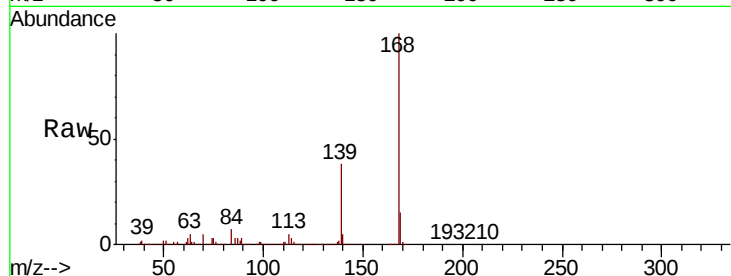
Tot Ion:168 Resp: 1363683

Ion Ratio Lower Upper

168 100

139 38.2 30.4 45.6

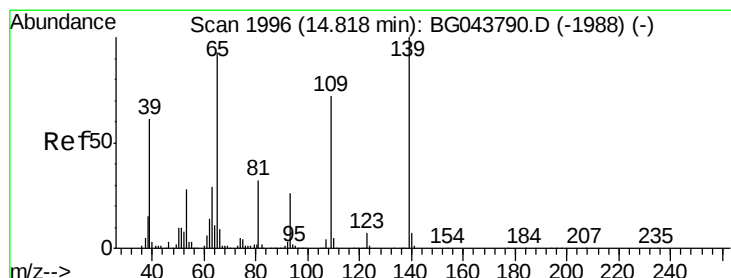
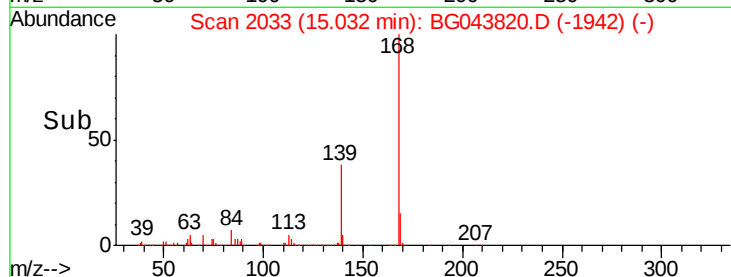
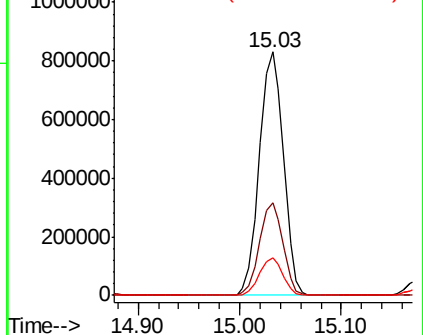
169 15.2 12.0 18.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 103.371 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

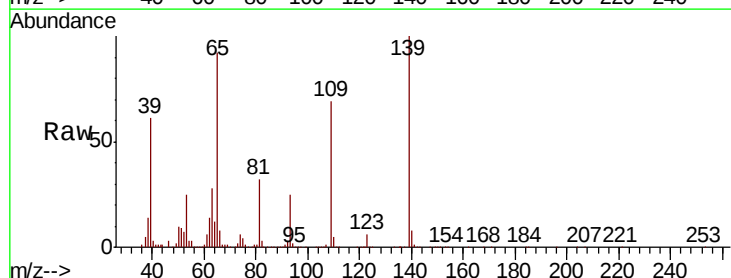
Tgt Ion:139 Resp: 517142

Ion Ratio Lower Upper

139 100

109 68.7 51.5 91.5

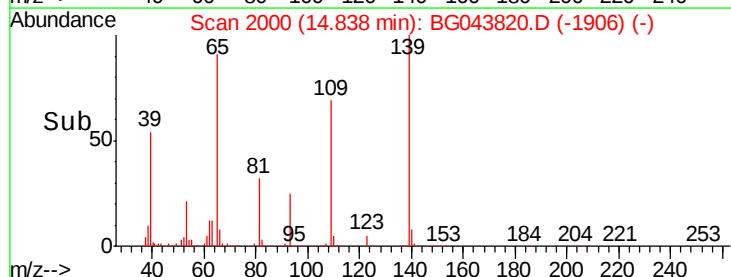
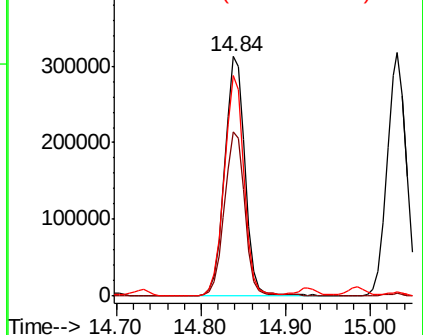
65 92.2 73.7 113.7

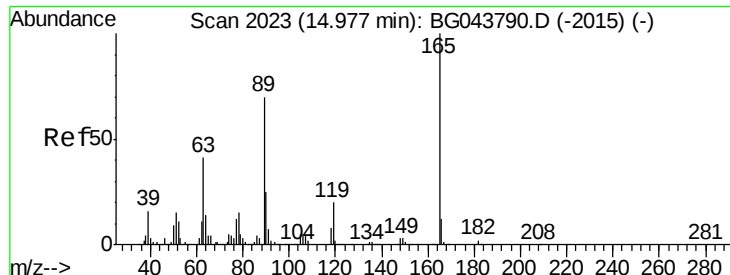


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

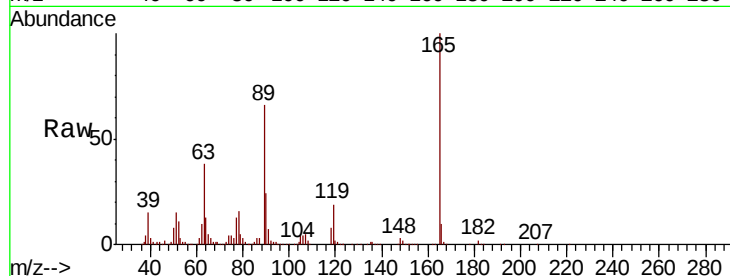




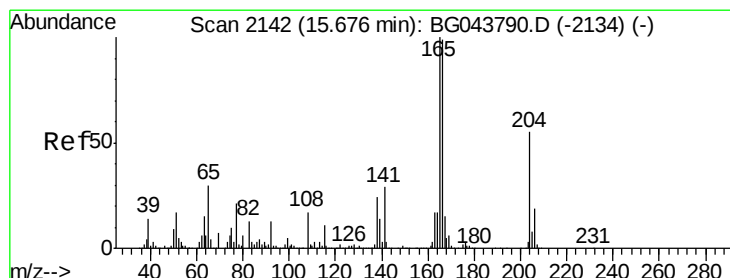
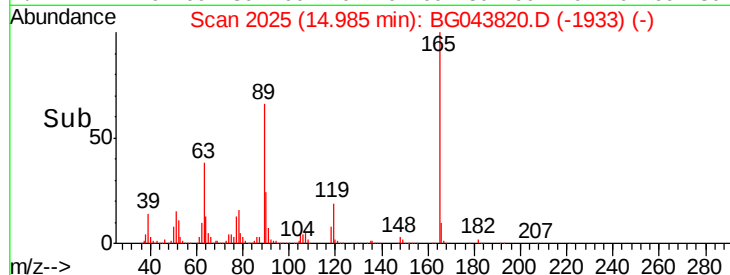
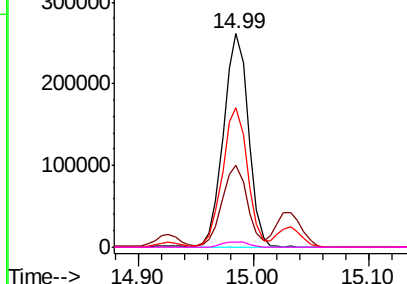
#57
2,4-Dinitrotoluene
Concen: 48.198 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp: 390254
Ion Ratio	Lower Upper
165 100	
63 38.2	32.7 49.1
89 65.6	56.1 84.1
182 2.5	2.0 3.0

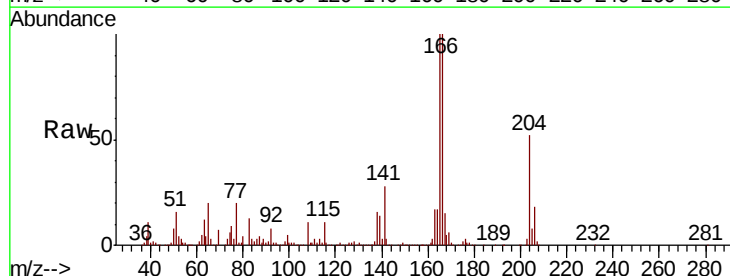


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

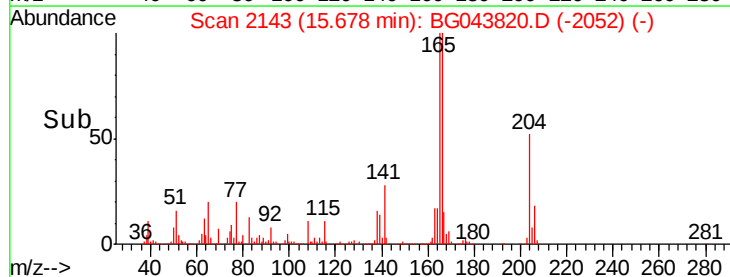
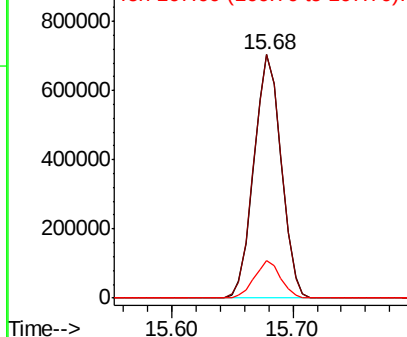


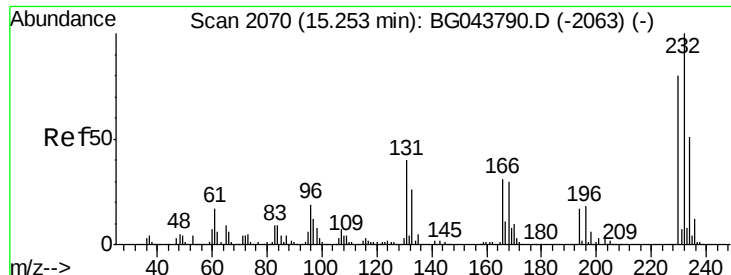
#58
Fluorene
Concen: 43.136 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt	Ion:166	Resp:	1107423
Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.5	120.7
167	15.5	12.1	18.1



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

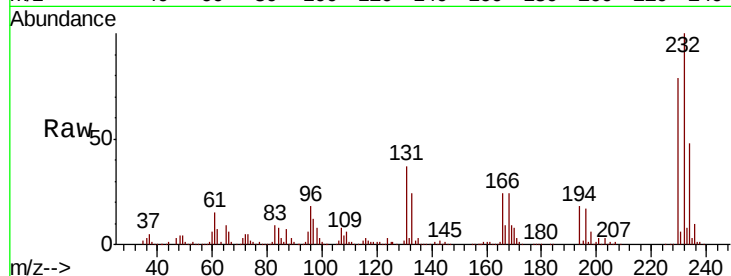




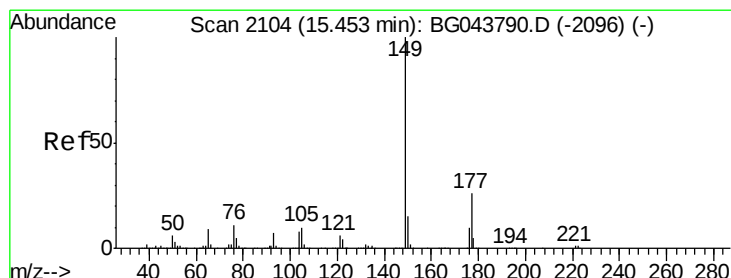
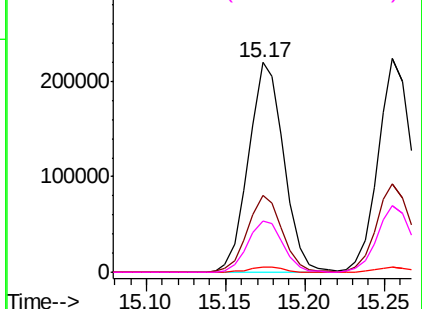
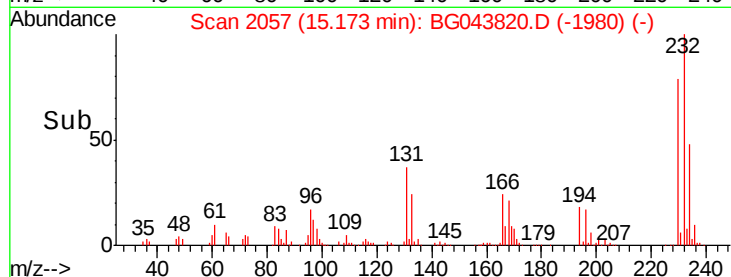
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.482 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.08 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	339098
Ion	Ratio	Lower	Upper
232	100		
131	36.0	27.9	41.9
130	2.4	1.8	2.8
166	24.6	19.4	29.2

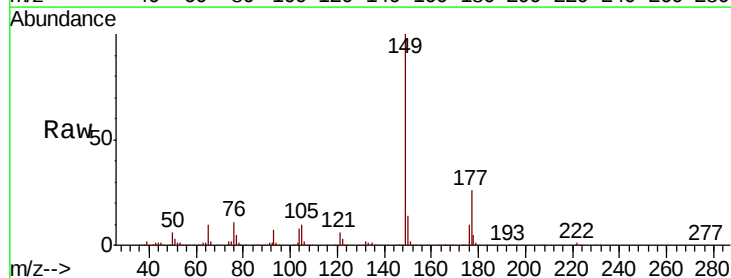


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

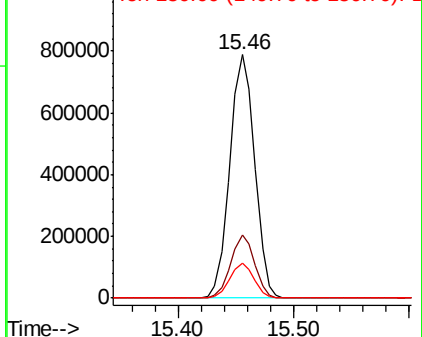
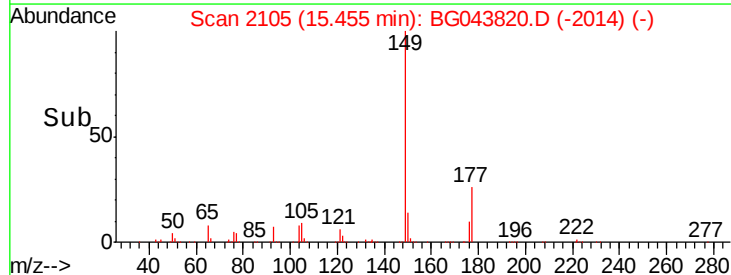


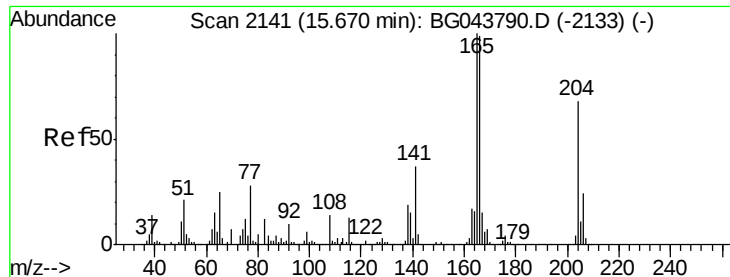
#60
 Diethylphthalate
 Concen: 42.220 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:	149	Resp:	1172671
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	14.4	11.6	17.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

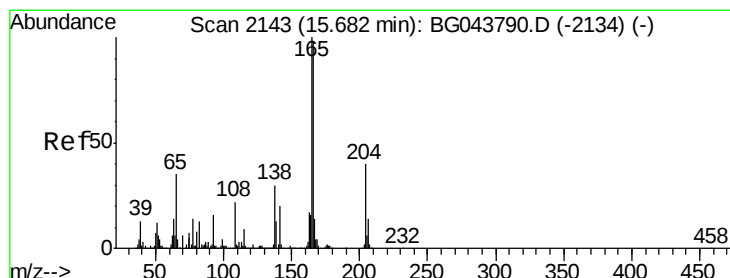
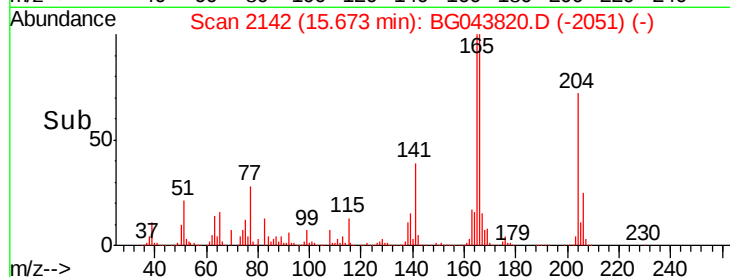
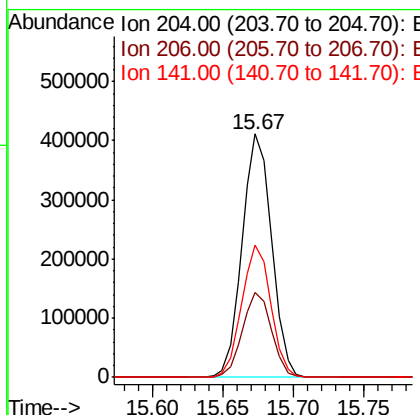
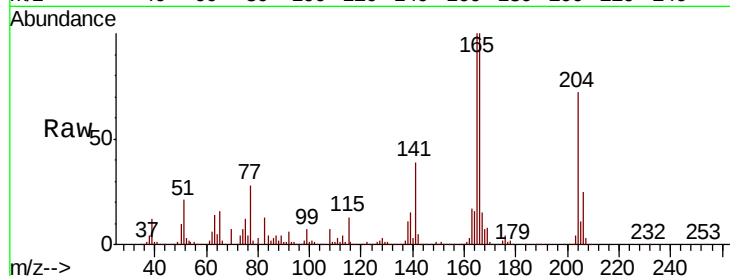




#61
 4-Chlorophenyl-phenylether
 Concen: 41.732 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

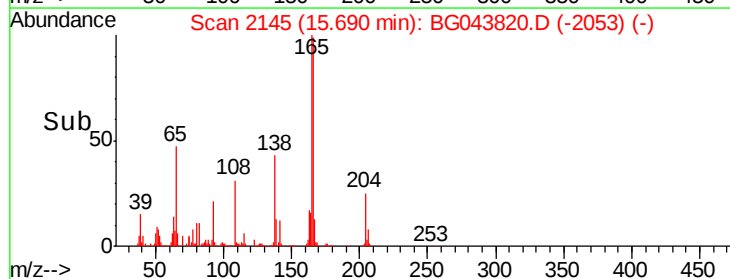
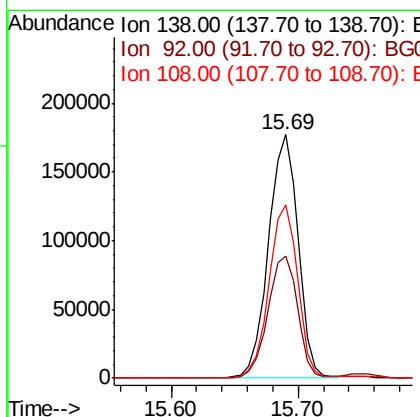
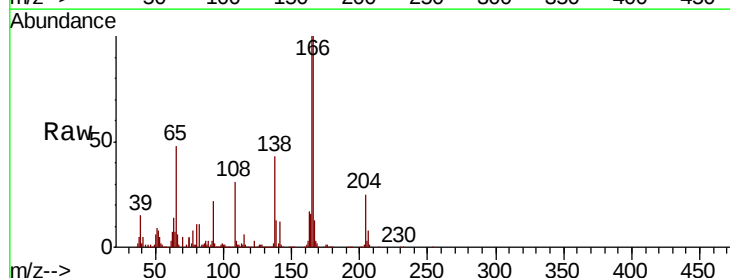
Instrument :
 BNA_G
 ClientSampleId :

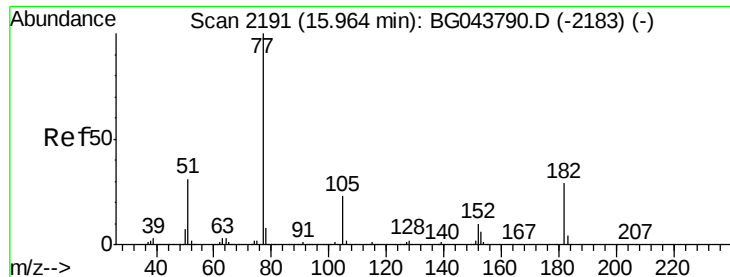
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.1	42.1
141	54.2	44.1	66.1



#62
 4-Nitroaniline
 Concen: 40.354 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.5	71.5
108	71.3	53.1	93.1

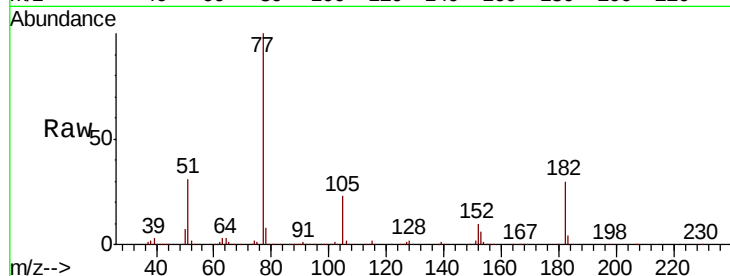




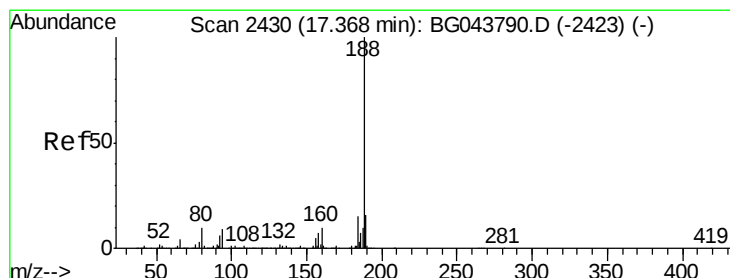
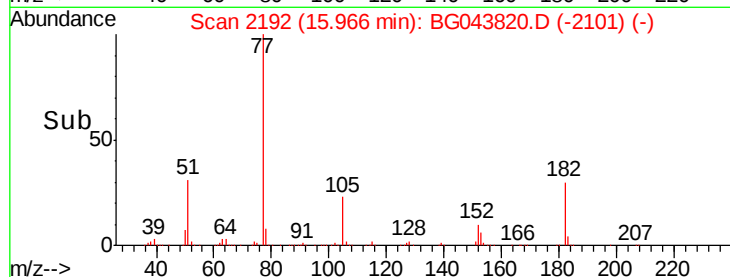
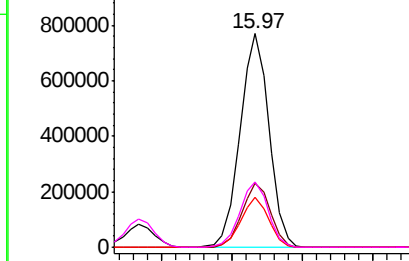
#63
Azobenzene
Concen: 42.888 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1094356
Ion Ratio Lower Upper
77 100
182 30.2 9.0 49.0
105 23.2 2.9 42.9
51 30.8 10.6 50.6

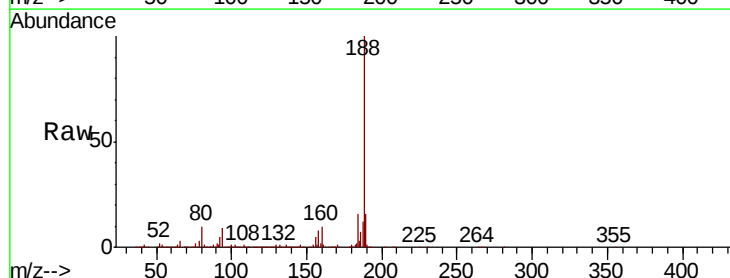


Abundance Ion 77.00 (76.70 to 77.70): BGC
1200000 Ion 182.00 (181.70 to 182.70): BGC
1000000 Ion 105.00 (104.70 to 105.70): BGC
500000 Ion 51.00 (50.70 to 51.70): BGC
0

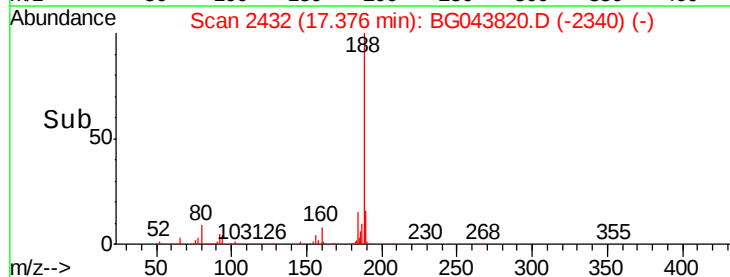
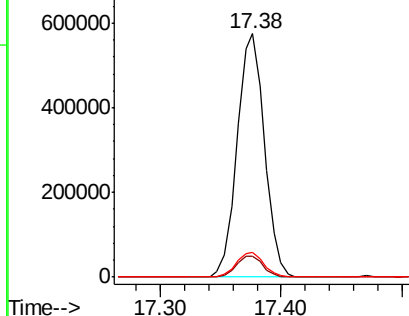


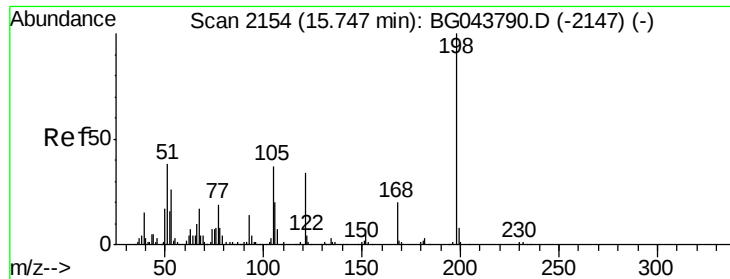
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion: 188 Resp: 905870
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.9 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
800000 Ion 94.00 (93.70 to 94.70): BGC
600000 Ion 80.00 (79.70 to 80.70): BGC
400000
200000
0

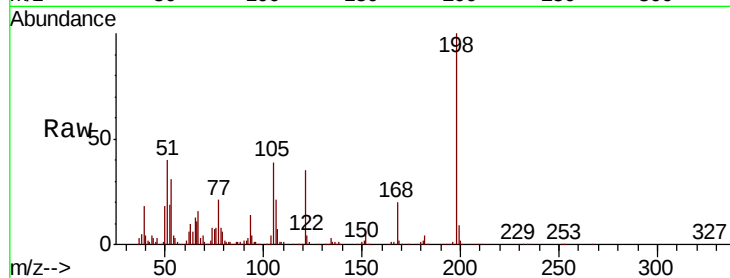




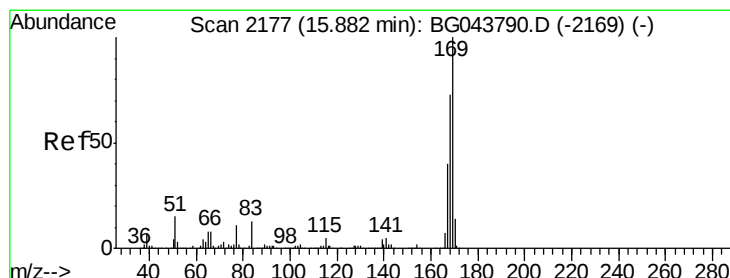
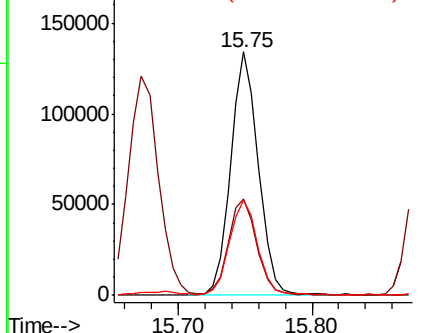
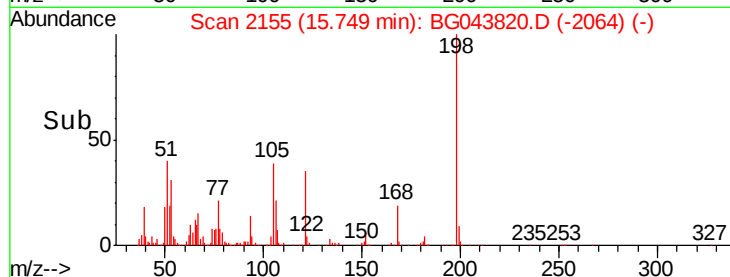
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.983 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	18.9	58.9
105	39.0	18.1	58.1

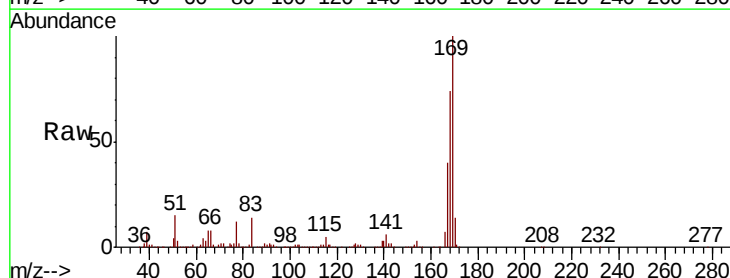


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

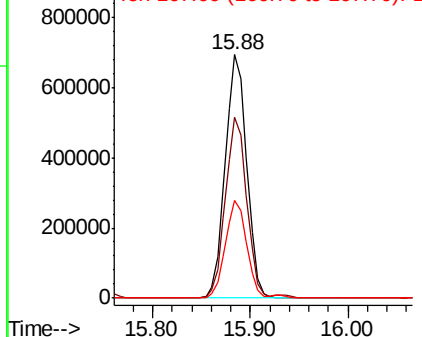
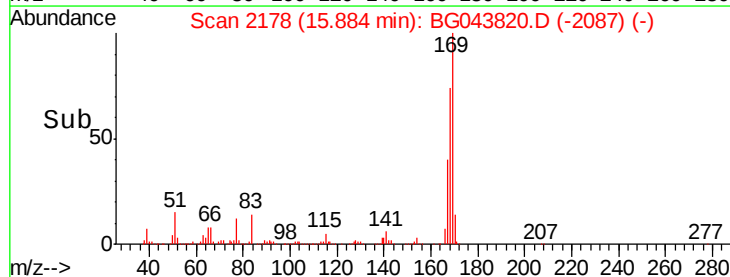


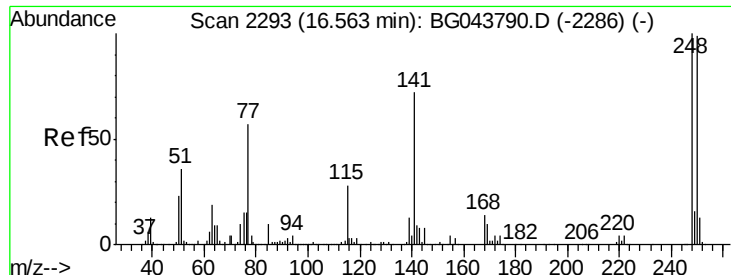
#66
 n-Nitrosodiphenylamine
 Concen: 41.967 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.1	58.5	87.7
167	40.3	32.1	48.1



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: 39.750 ng

RT: 16.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

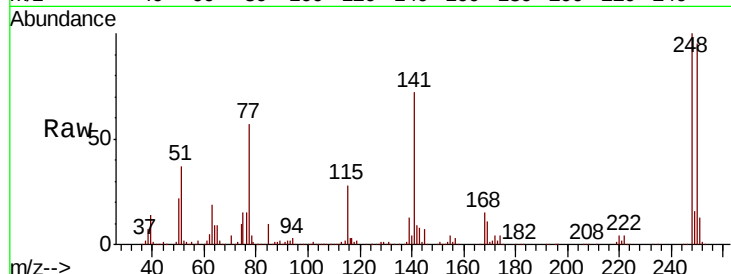
Tot Ion:248 Resp: 384973

Ion Ratio Lower Upper

248 100

250 95.5 79.0 118.6

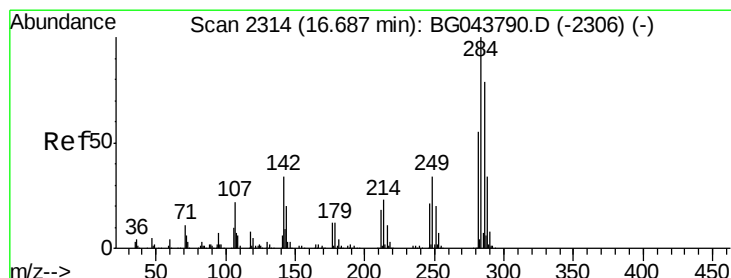
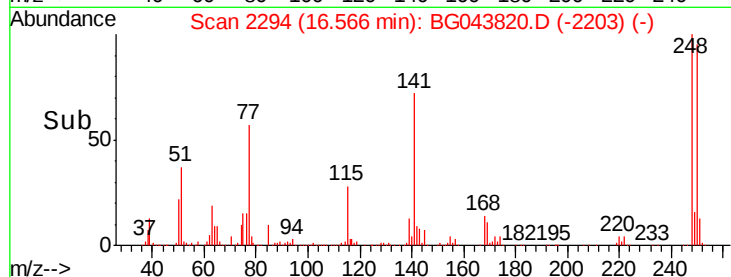
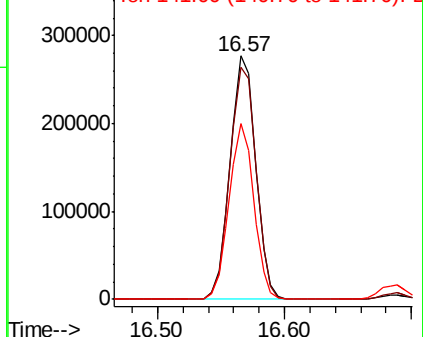
141 72.0 57.8 86.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.915 ng

RT: 16.69 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

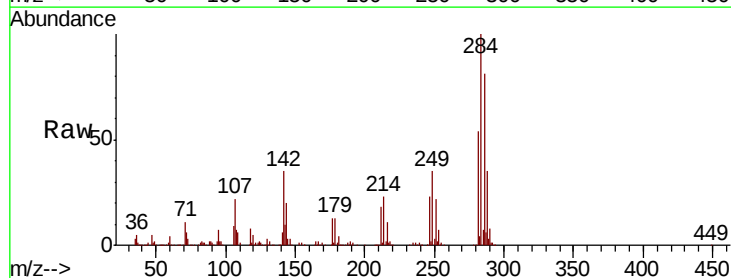
Tgt Ion:284 Resp: 399739

Ion Ratio Lower Upper

284 100

142 35.0 27.0 40.6

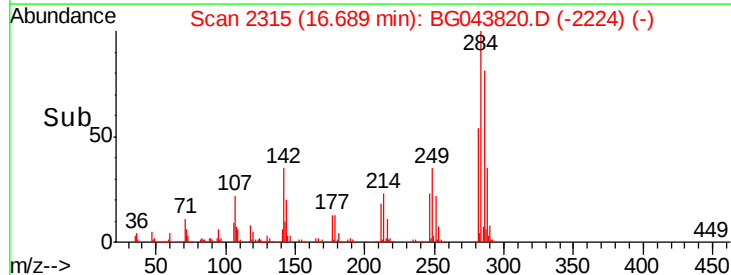
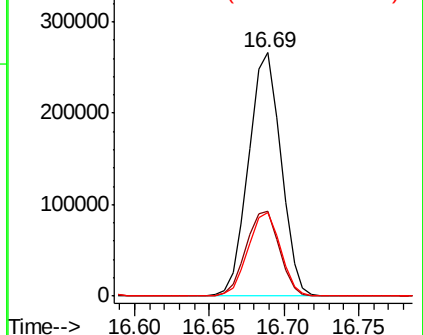
249 34.5 27.2 40.8

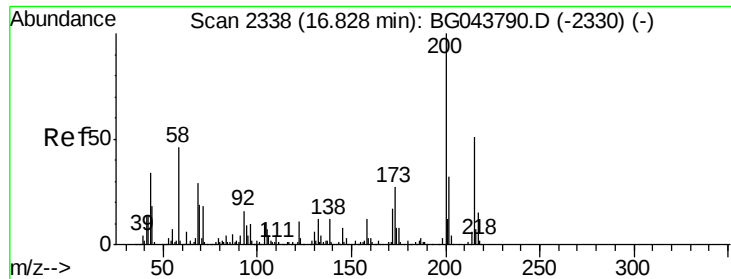


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.924 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

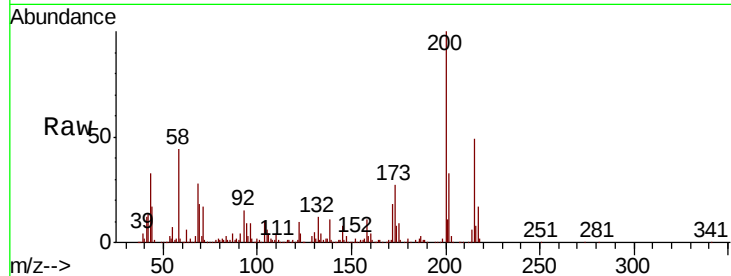
Tot Ion:200 Resp: 416767

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

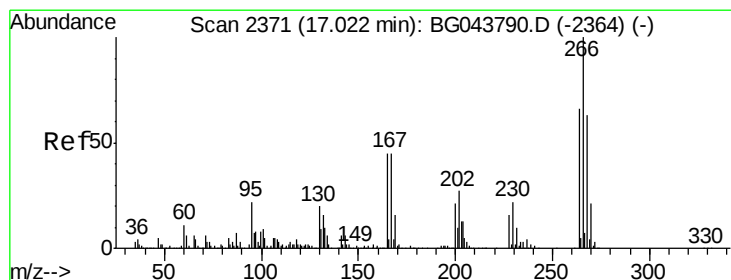
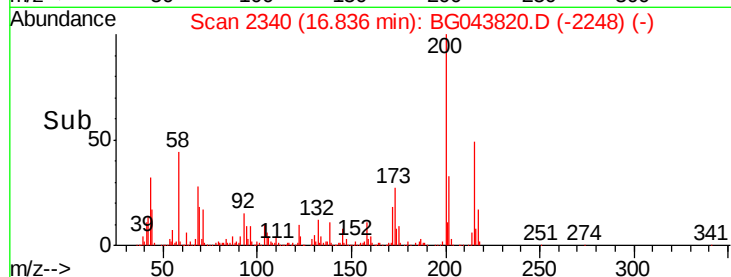
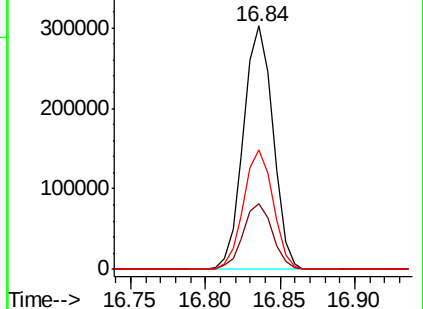
215 49.3 30.5 70.5



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: 87.786 ng

RT: 17.03 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

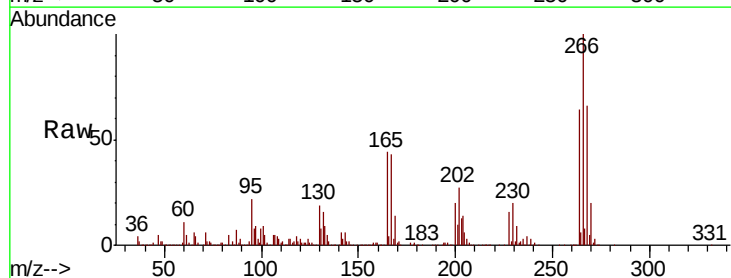
Tgt Ion:266 Resp: 479667

Ion Ratio Lower Upper

266 100

268 65.7 50.8 76.2

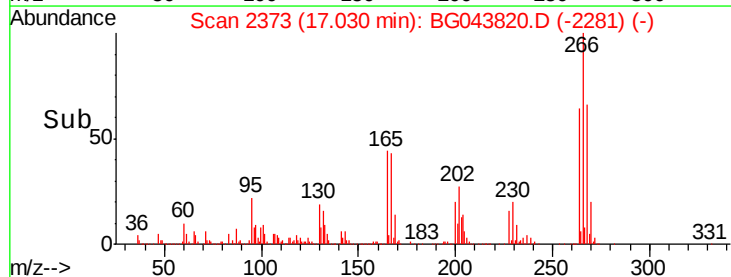
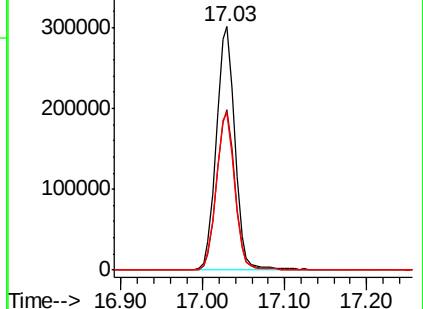
264 64.2 53.0 79.4

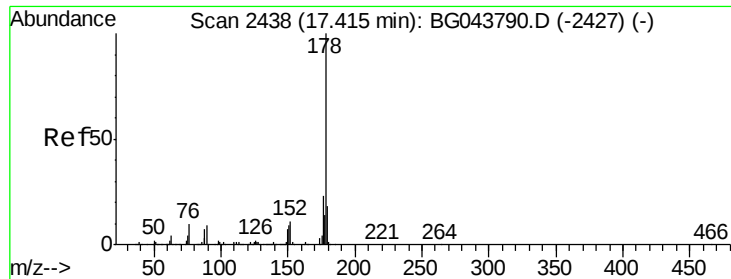


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

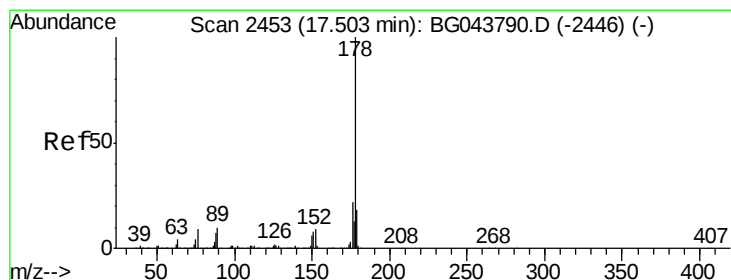
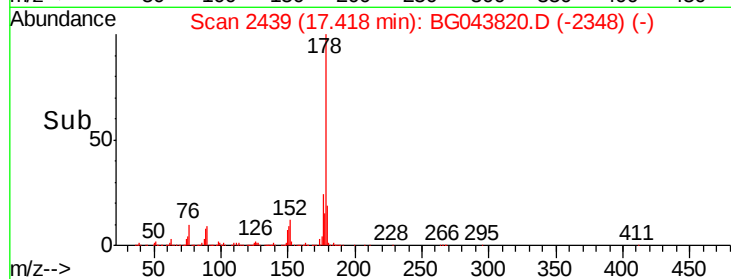
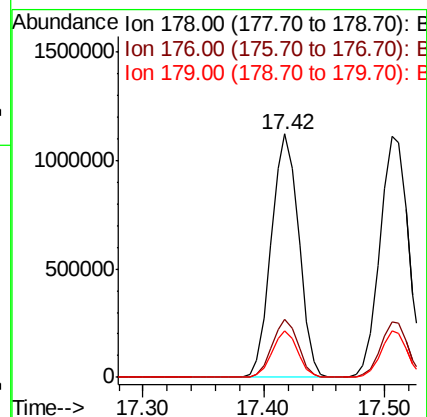
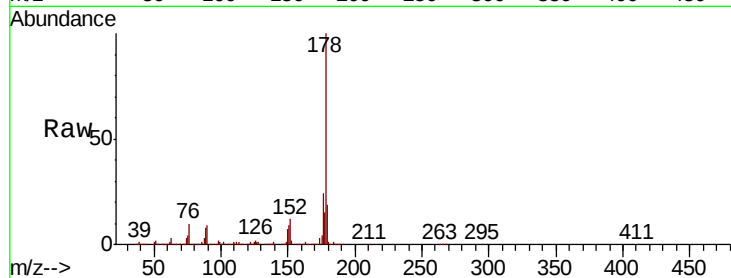




#71
Phenanthrene
Concen: 41.103 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

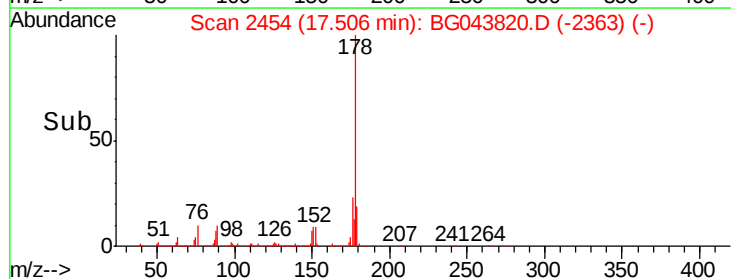
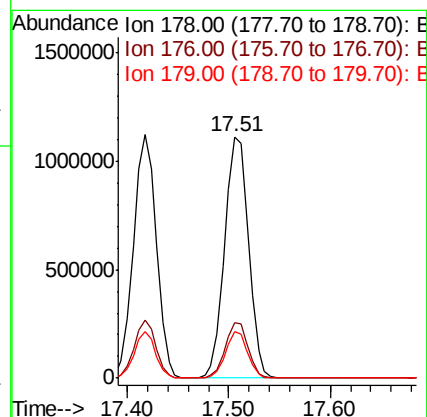
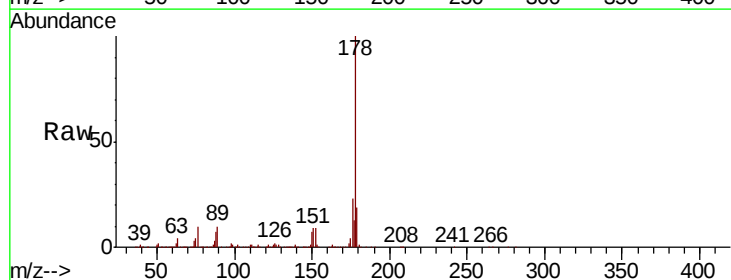
Instrument :
BNA_G
ClientSampled :

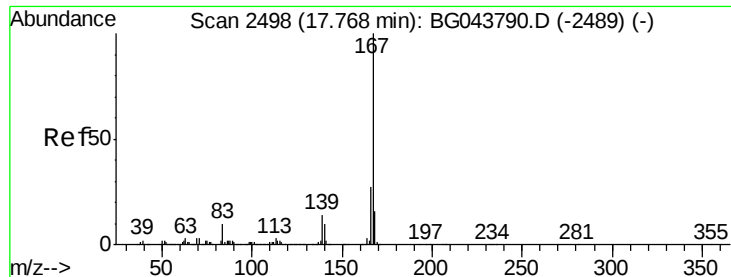
Tot Ion:178 Resp: 1762669
Ion Ratio Lower Upper
178 100
176 23.6 18.6 27.8
179 19.0 14.7 22.1



#72
Anthracene
Concen: 43.127 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:178 Resp: 1830758
Ion Ratio Lower Upper
178 100
176 23.0 17.7 26.5
179 19.2 14.5 21.7

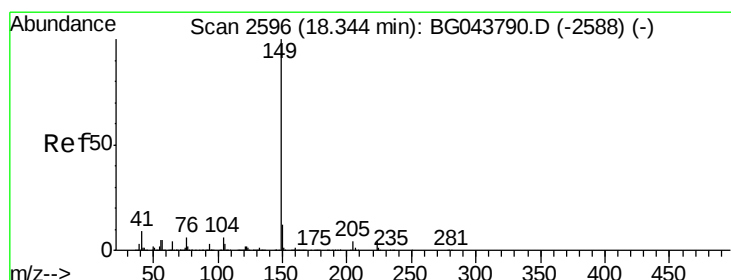
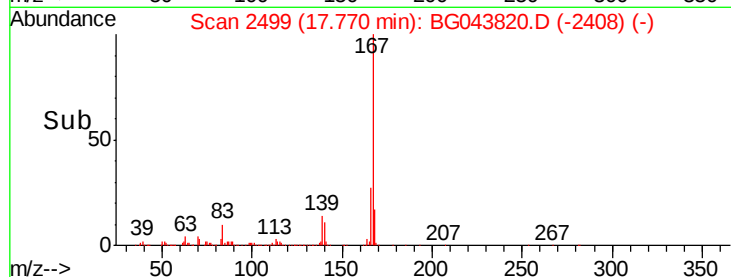
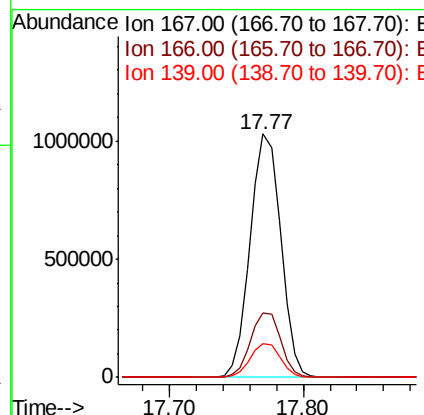
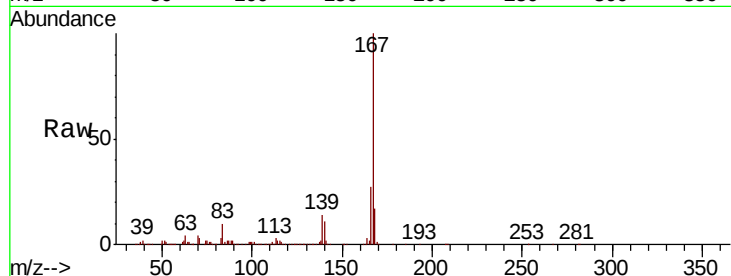




#73
 Carbazole
 Concen: 41.146 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

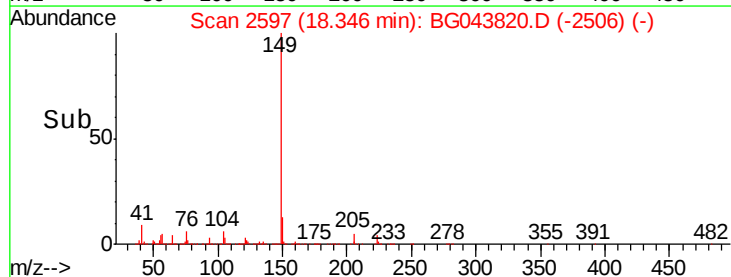
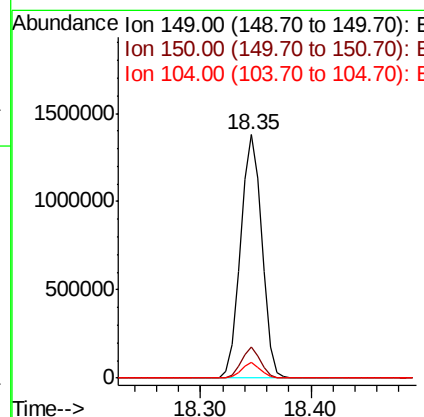
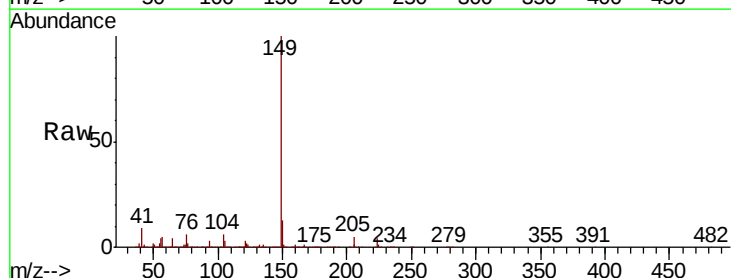
Instrument :
 BNA_G
 ClientSampled :

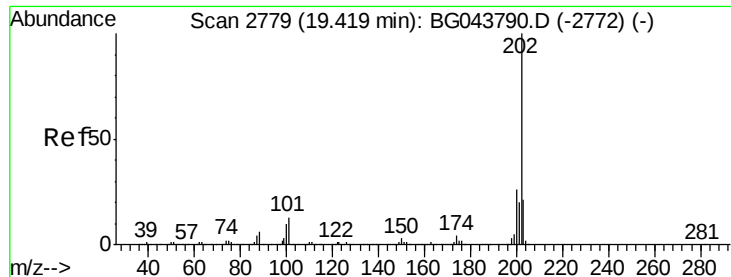
Tot Ion:167 Resp: 1632748
 Ion Ratio Lower Upper
 167 100
 166 26.7 21.4 32.2
 139 14.1 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 41.179 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043820.D
 Acq: 17 Dec 2019 15:24

Tgt Ion:149 Resp: 1873252
 Ion Ratio Lower Upper
 149 100
 150 12.5 9.4 14.0
 104 6.3 4.8 7.2





#75

Fluoranthene

Concen: 41.241 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

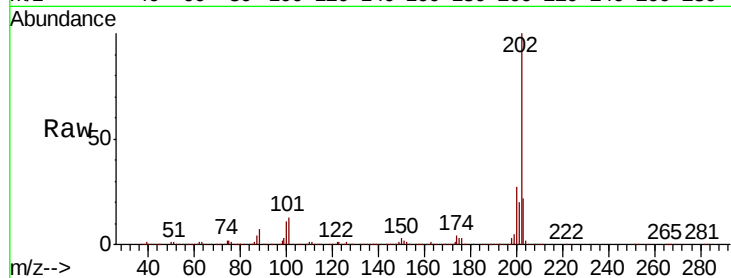
Tot Ion:202 Resp: 2024176

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.7

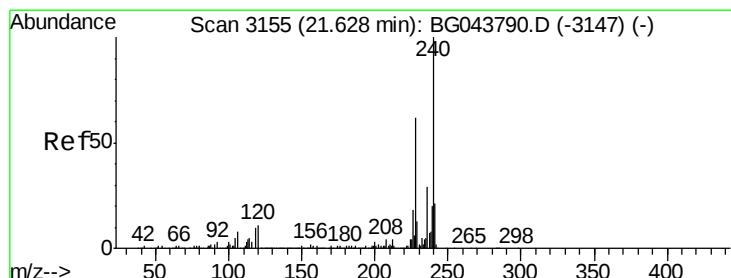
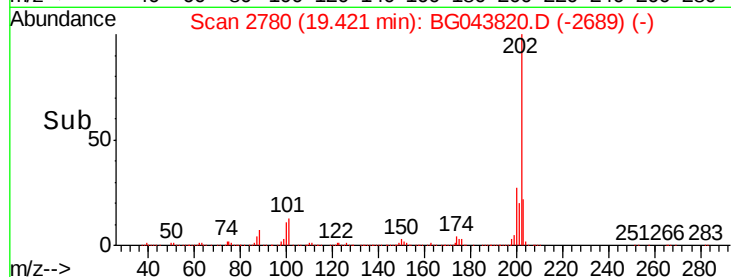
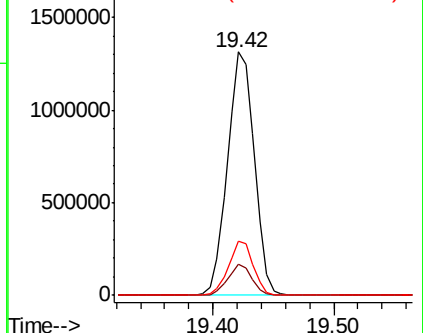
203 22.4 1.0 41.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

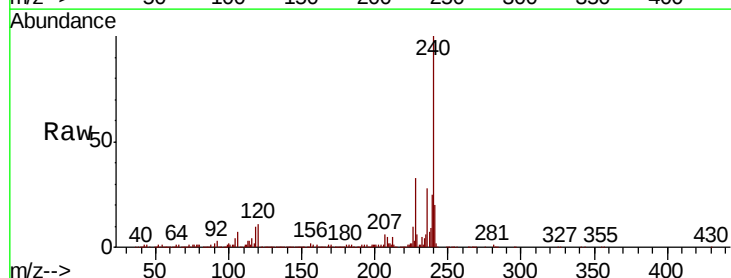
Tgt Ion:240 Resp: 755233

Ion Ratio Lower Upper

240 100

120 10.6 8.6 12.8

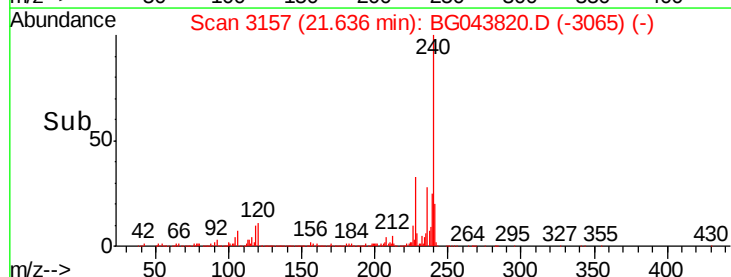
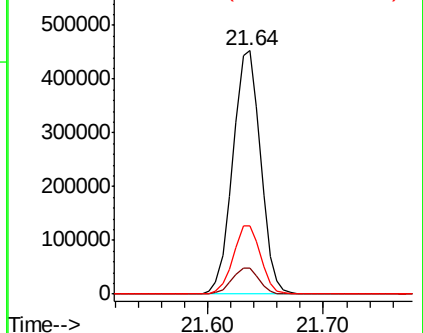
236 28.1 23.1 34.7

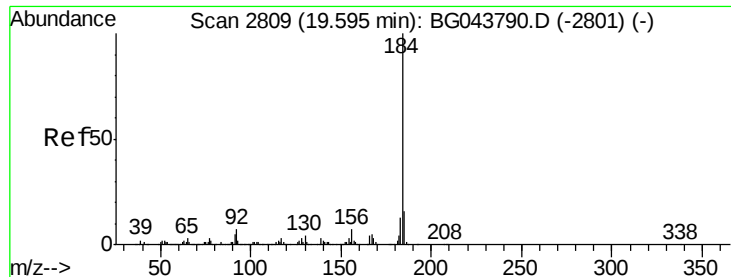


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.267 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

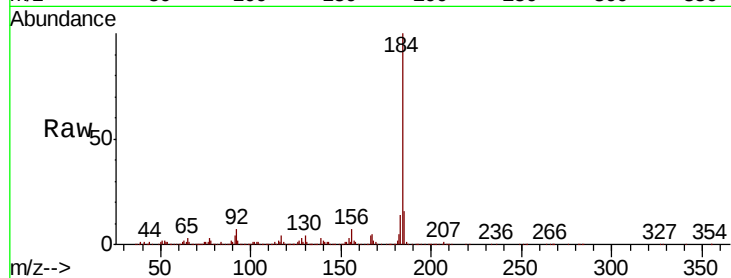
Tot Ion:184 Resp: 943557

Ion Ratio Lower Upper

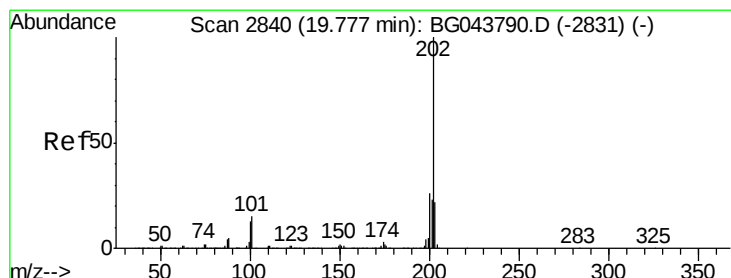
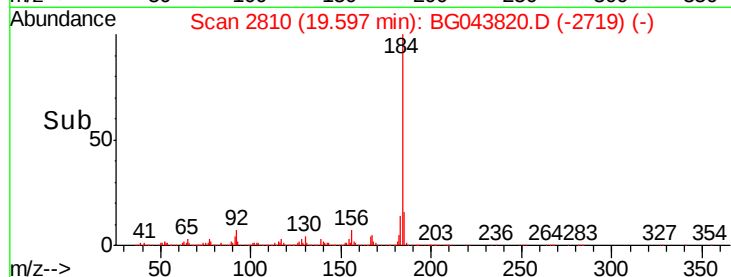
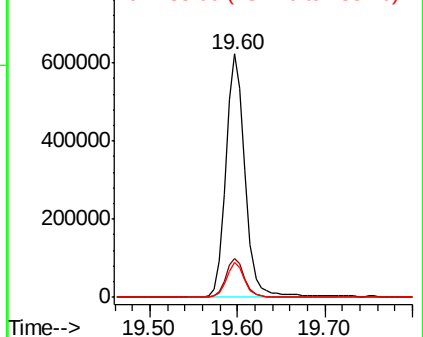
184 100

185 15.9 12.9 19.3

183 14.4 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.182 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

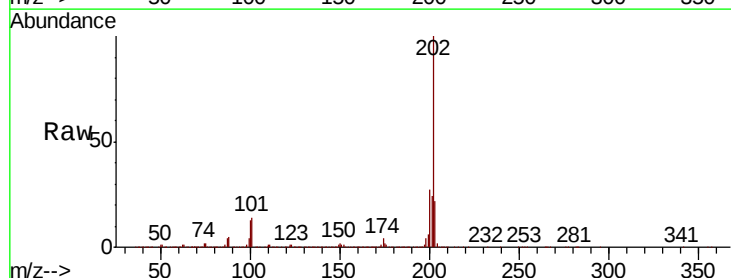
Tgt Ion:202 Resp: 2032535

Ion Ratio Lower Upper

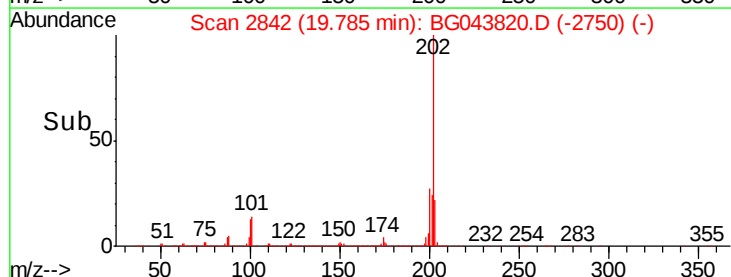
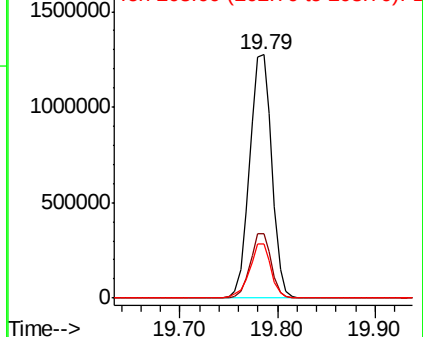
202 100

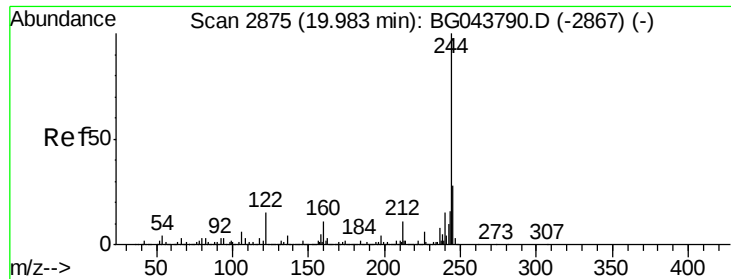
200 26.7 20.8 31.2

203 22.0 17.7 26.5



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: 80.728 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

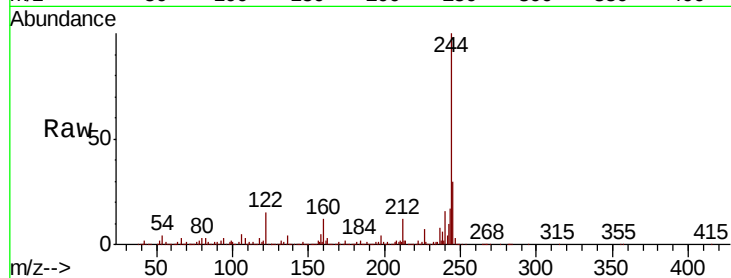
Tot Ion:244 Resp: 2534262

Ion Ratio Lower Upper

244 100

212 11.9 9.1 13.7

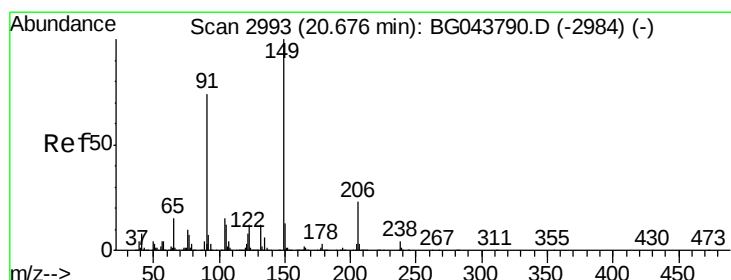
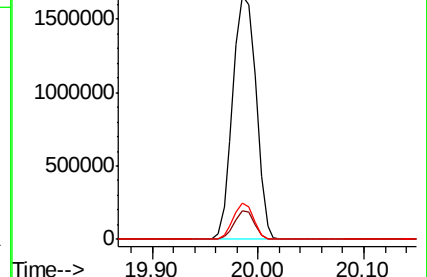
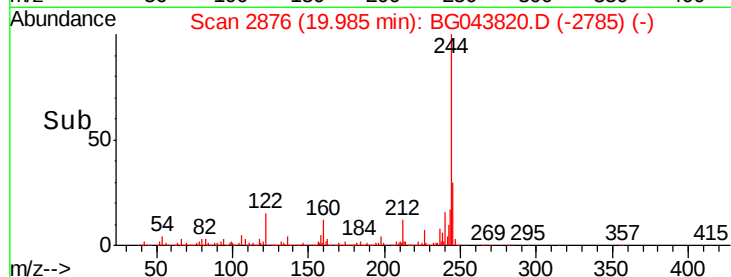
122 14.8 11.6 17.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.984 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

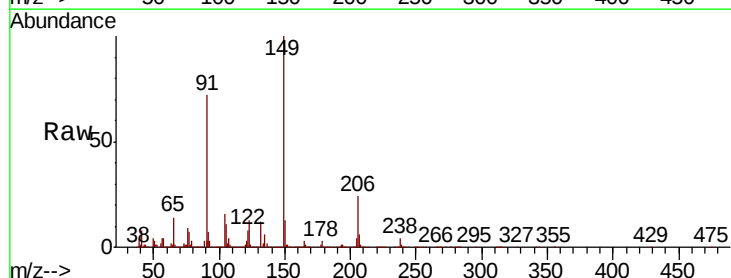
Tgt Ion:149 Resp: 904117

Ion Ratio Lower Upper

149 100

91 72.1 59.0 88.4

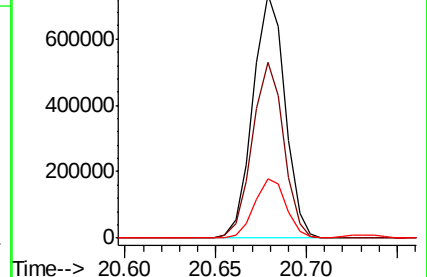
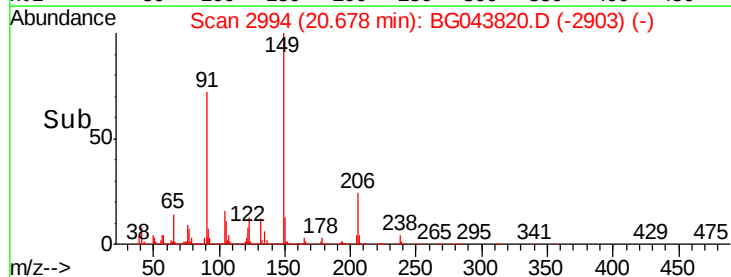
206 24.3 18.6 28.0

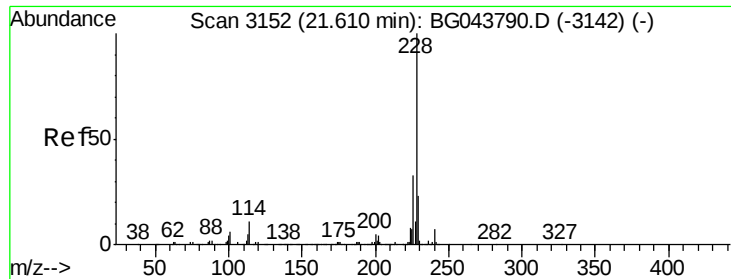


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.466 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

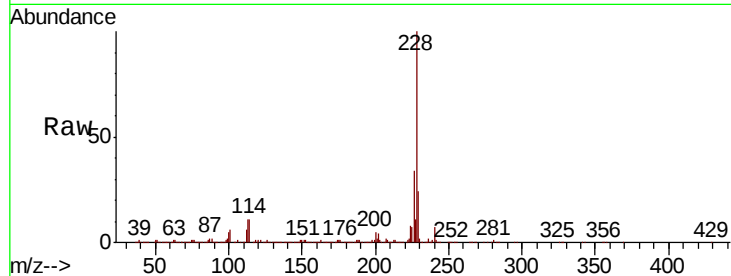
Tot Ion:228 Resp: 1976506

Ion Ratio Lower Upper

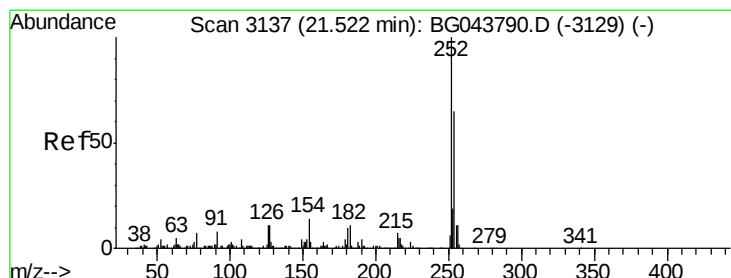
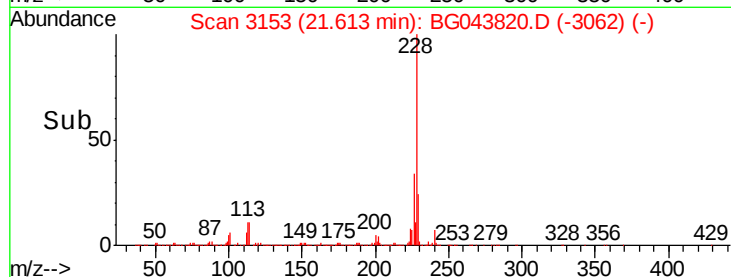
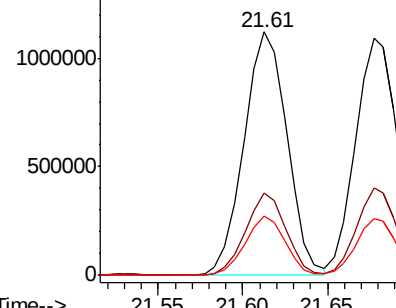
228 100

226 33.8 26.1 39.1

229 24.2 18.6 27.8



Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.443 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

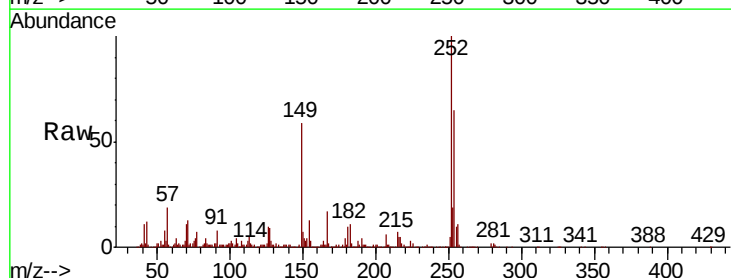
Tgt Ion:252 Resp: 606486

Ion Ratio Lower Upper

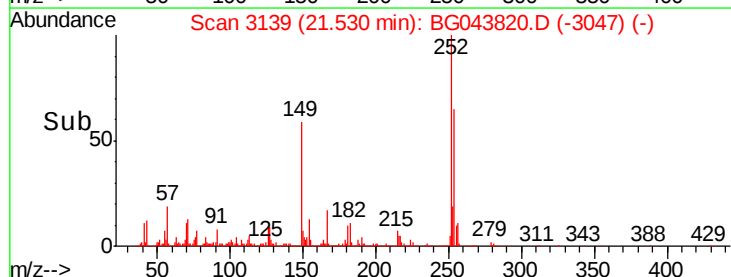
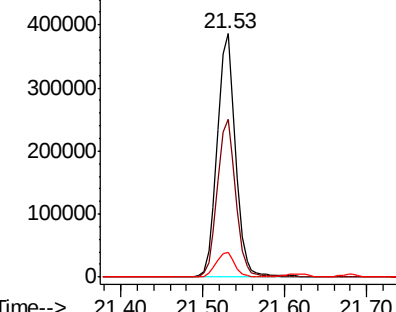
252 100

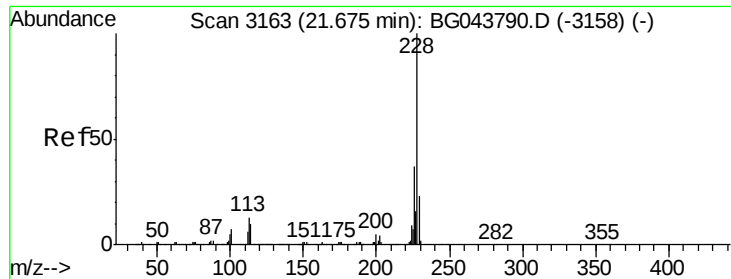
254 64.9 52.2 78.2

126 10.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.255 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

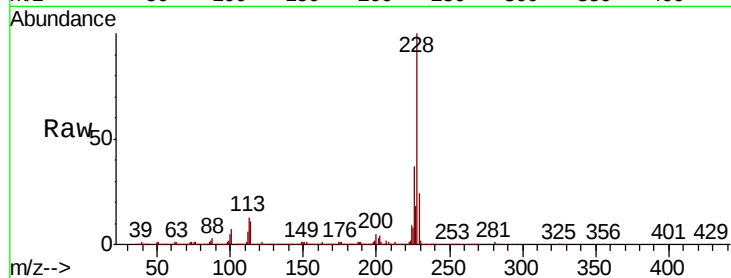
Tot Ion:228 Resp: 1873498

Ion Ratio Lower Upper

228 100

226 36.9 29.1 43.7

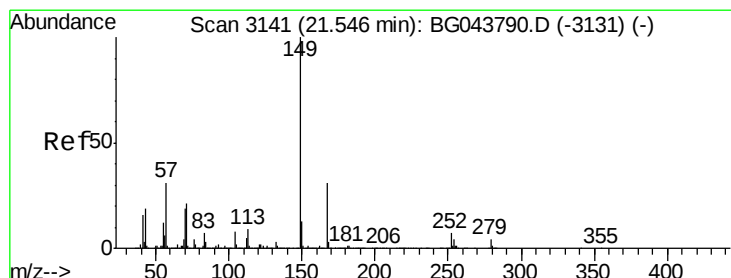
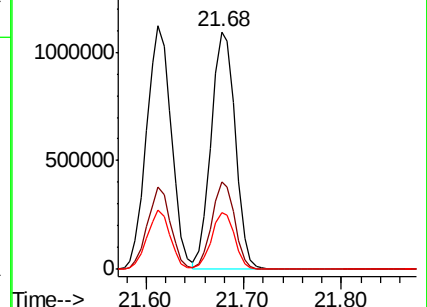
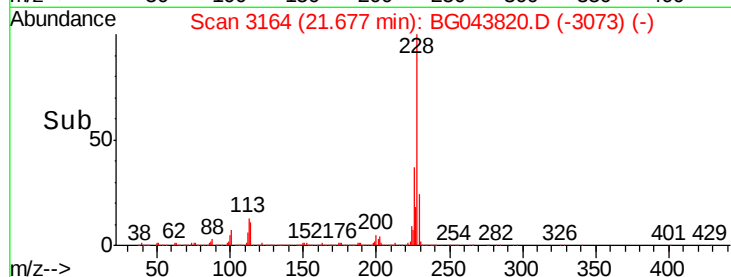
229 24.1 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.108 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

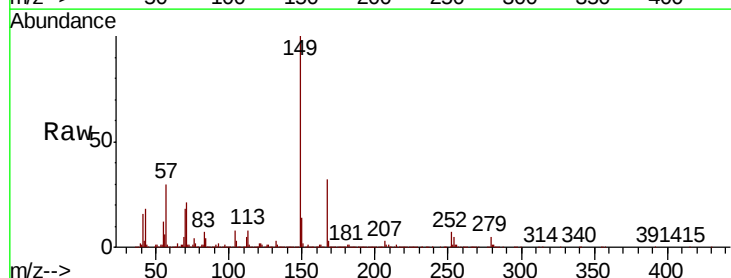
Tgt Ion:149 Resp: 1241524

Ion Ratio Lower Upper

149 100

167 32.5 25.1 37.7

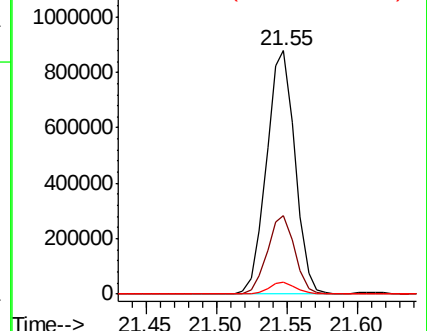
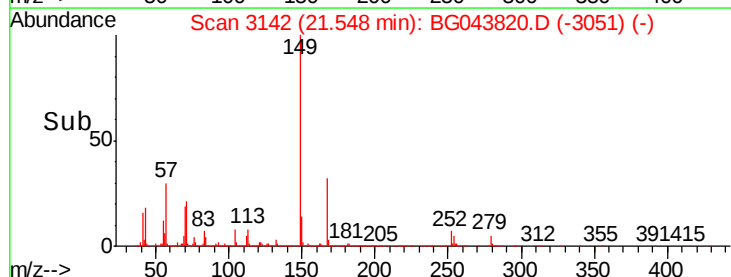
279 5.0 3.5 5.3

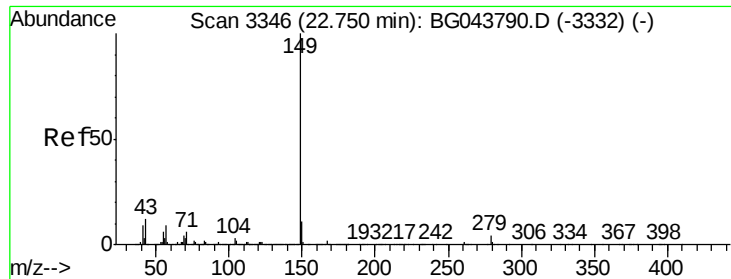


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

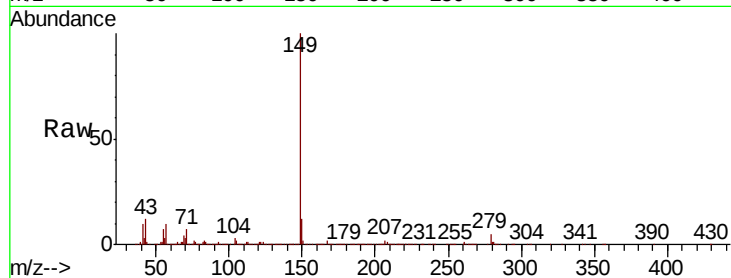




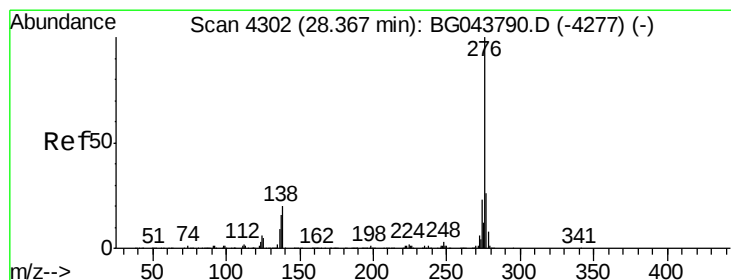
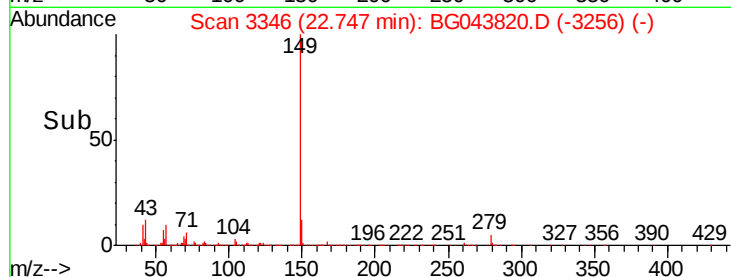
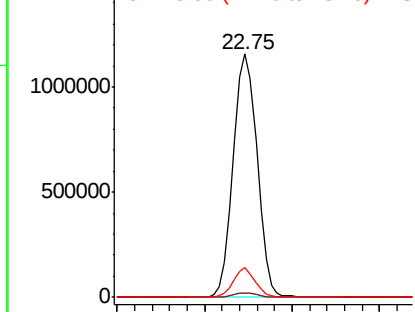
#85
Di-n-octyl phthalate
Concen: 44.503 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2145090
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 10.8 8.8 13.2

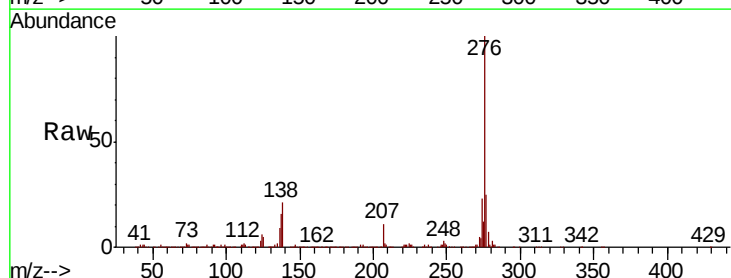


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

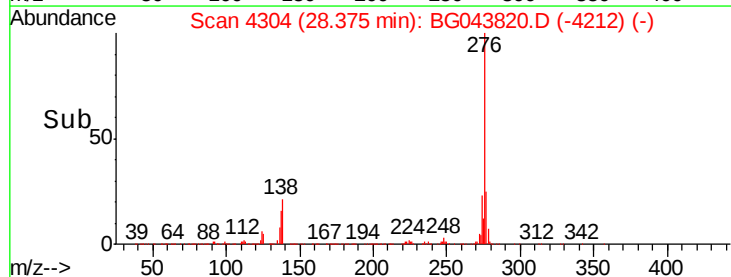
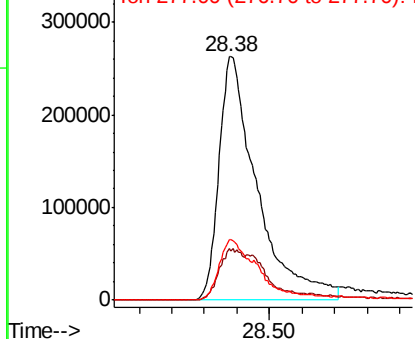


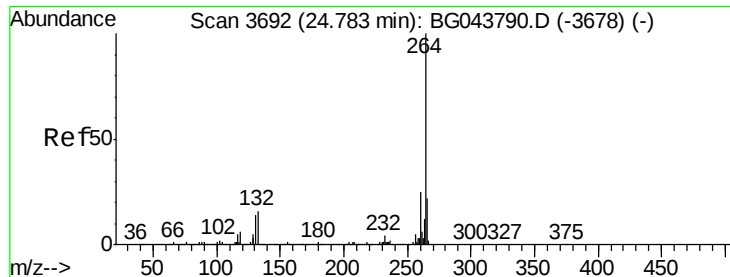
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.829 ng
RT: 28.38 min Scan# 4304
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:276 Resp: 2140675
Ion Ratio Lower Upper
276 100
138 12.9 14.6 21.8#
277 25.0 21.2 31.8



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: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

Instrument :

BNA_G

ClientSampleId :

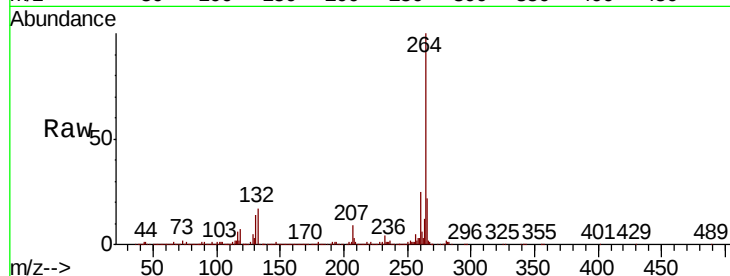
Tot Ion:264 Resp: 854937

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 21.9 17.9 26.9

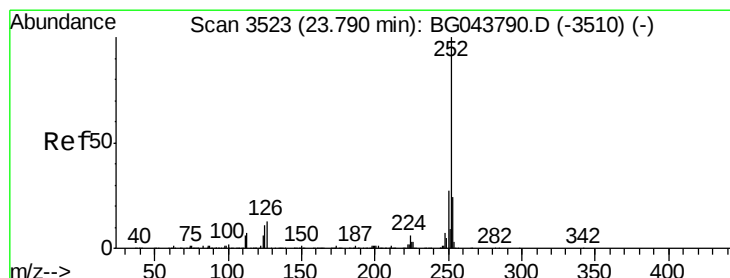
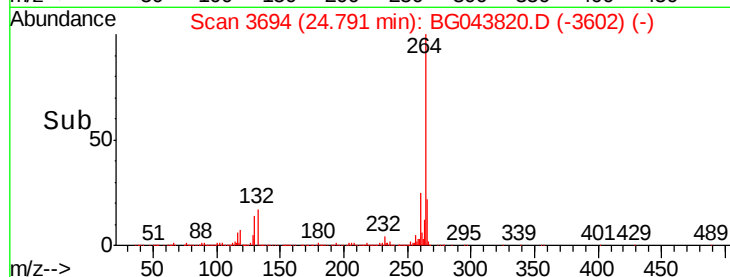
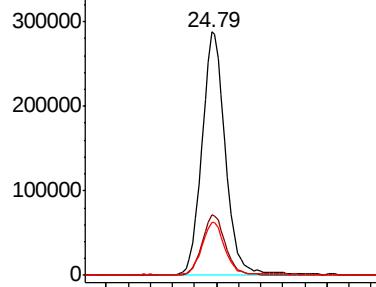


Abundance

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: 39.841 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG043820.D

Acq: 17 Dec 2019 15:24

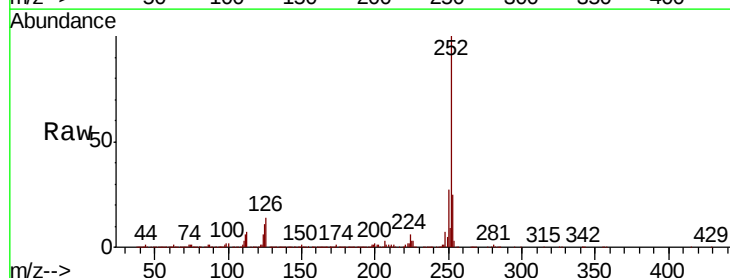
Tgt Ion:252 Resp: 1961136

Ion Ratio Lower Upper

252 100

253 24.6 19.5 29.3

125 11.2 9.0 13.4

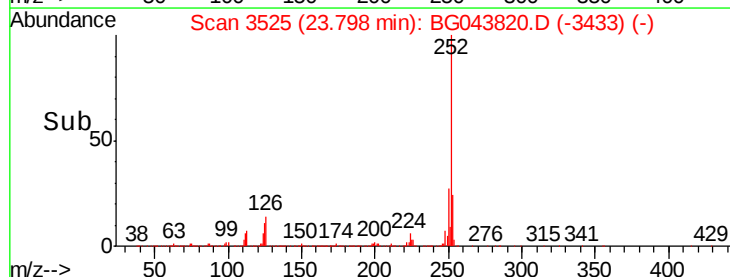
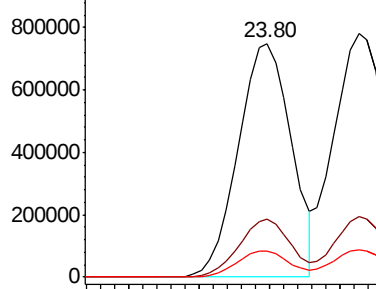


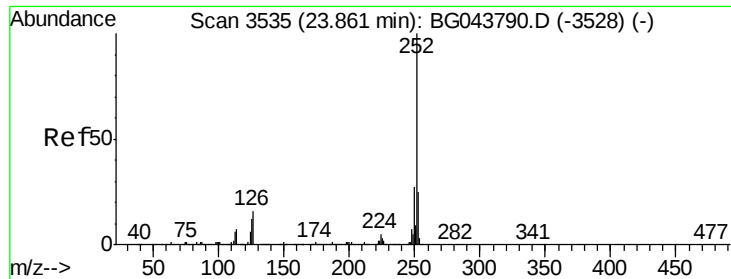
Abundance

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

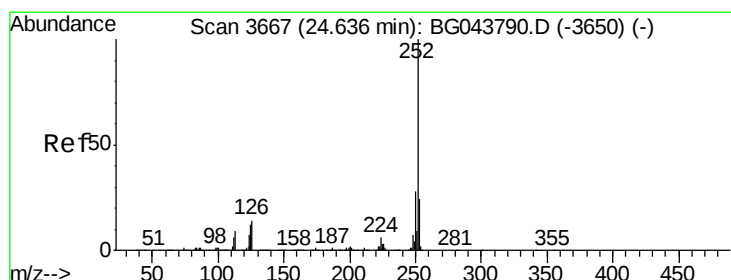
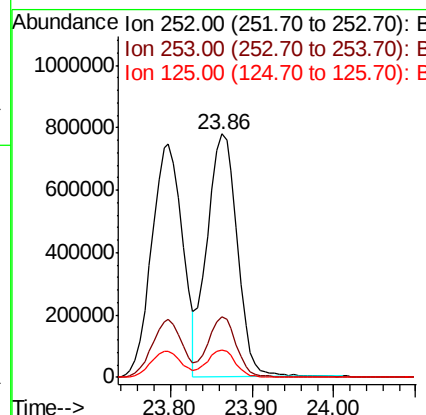
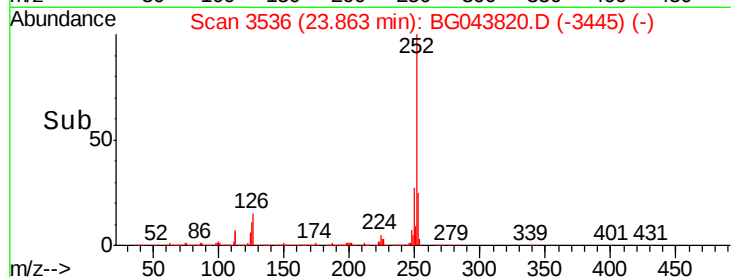
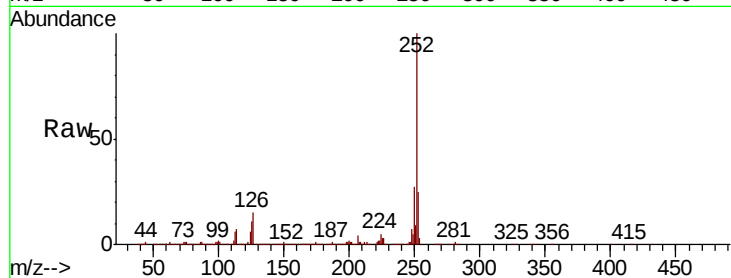




#89
Benzo(k)fluoranthene
Concen: 42.043 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

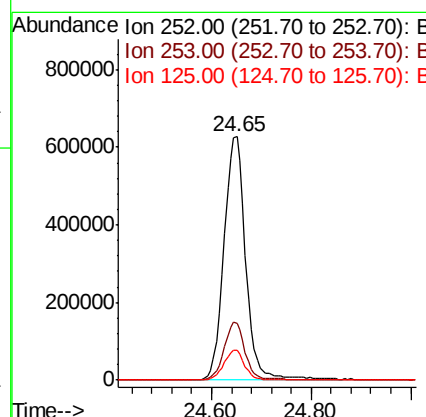
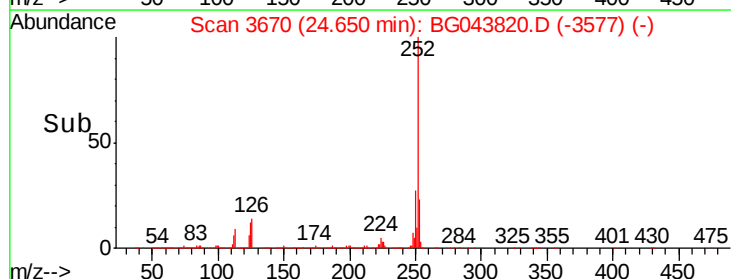
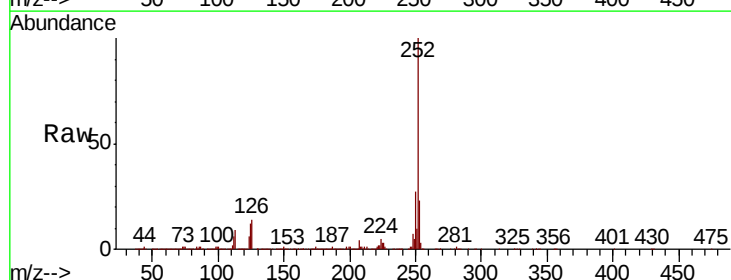
Instrument :
BNA_G
ClientSampled :

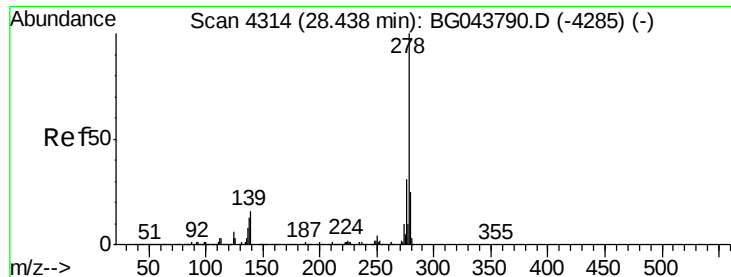
Tot Ion:252 Resp: 1999164
Ion Ratio Lower Upper
252 100
253 24.9 19.4 29.0
125 11.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.384 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:252 Resp: 1894424
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 12.2 9.4 14.0

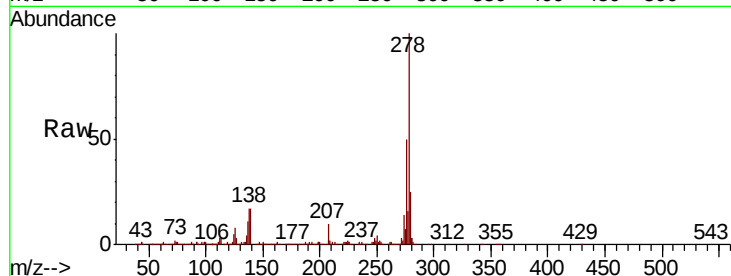




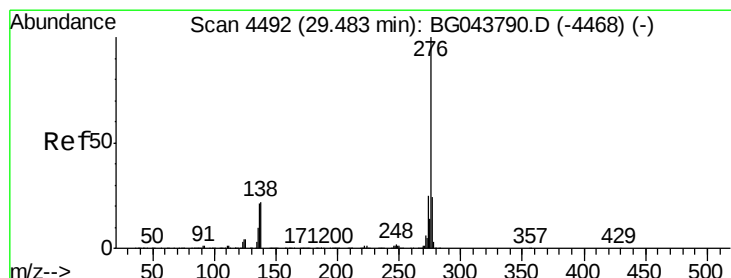
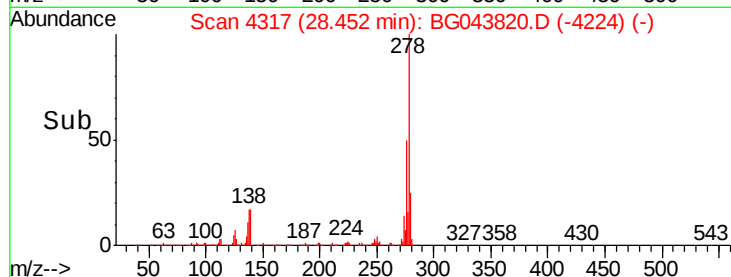
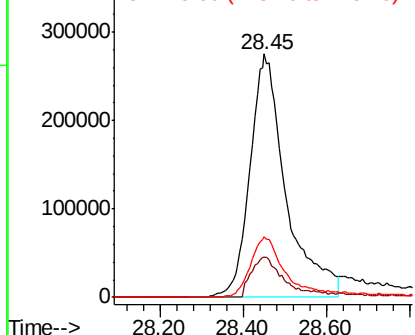
#91
Dibenzo(a,h)anthracene
Concen: 35.264 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1652319
Ion Ratio Lower Upper
278 100
139 16.7 13.2 19.8
279 24.8 19.8 29.6

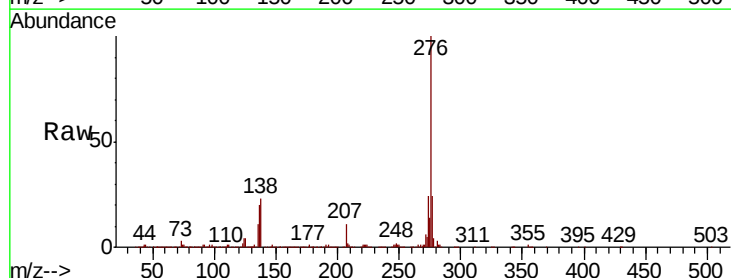


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.408 ng
RT: 29.50 min Scan# 4495
Delta R.T. 0.01 min
Lab File: BG043820.D
Acq: 17 Dec 2019 15:24

Tgt Ion:276 Resp: 1637184
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 22.9 17.6 26.4



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

