

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042775.D
 Acq On : 12 Sep 2019 9:53
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 12:45:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78832	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	325392	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	224597	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	534724	20.00	ng	0.00
76) Chrysene-d12	21.76	240	552326	20.00	ng	0.00
87) Perylene-d12	25.04	264	607163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	187349	40.90	ng	0.00
7) Phenol-d6	7.27	99	270935	41.58	ng	0.00
23) Nitrobenzene-d5	9.28	82	250693	46.64	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	119767	42.12	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	613154	43.14	ng	0.00
79) Terphenyl-d14	20.09	244	1136804	45.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	43320	20.790	ng	99
3) Pyridine	3.99	79	129528	20.578	ng	99
4) n-Nitrosodimethylamine	3.90	42	59643	19.266	ng	95
6) Aniline	7.44	93	183948	20.725	ng	96
8) 2-Chlorophenol	7.68	128	103428	21.328	ng	99
9) Benzaldehyde	7.26	77	94123	23.319	ng	99
10) Phenol	7.29	94	138985	20.994	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	106155	20.749	ng	94
12) 1,3-Dichlorobenzene	8.01	146	122502	20.456	ng	97
13) 1,4-Dichlorobenzene	8.16	146	122388	20.470	ng	96
14) 1,2-Dichlorobenzene	8.48	146	118559	20.892	ng	97
15) Benzyl Alcohol	8.35	79	116598	20.869	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	238880	20.778	ng	97
17) 2-Methylphenol	8.55	107	92447	20.536	ng	99
18) Hexachloroethane	9.21	117	45701	20.880	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	100108	20.891	ng	# 97
20) 3+4-Methylphenols	8.88	107	125055	20.379	ng	96
22) Acetophenone	8.94	105	171099	20.713	ng	98
24) Nitrobenzene	9.32	77	128198	22.063	ng	97
25) Isophorone	9.85	82	267713	20.637	ng	98
26) 2-Nitrophenol	10.03	139	47191	22.498	ng	91
27) 2,4-Dimethylphenol	10.09	122	93935	20.781	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	152520	20.972	ng	95
29) 2,4-Dichlorophenol	10.57	162	108055	20.888	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	132907	20.688	ng	99
31) Naphthalene	10.98	128	333707	20.961	ng	100
32) Benzoic acid	10.18	122	55510	18.907	ng	95
33) 4-Chloroaniline	11.07	127	155205	20.550	ng	98
34) Hexachlorobutadiene	11.28	225	91215	20.235	ng	99
35) Caprolactam	11.83	113	39870	20.490	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	117569	20.876	ng	97
37) 2-Methylnaphthalene	12.58	142	251466	20.989	ng	95
38) 1-Methylnaphthalene	12.80	142	229737	20.517	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	152631	20.510	ng	99

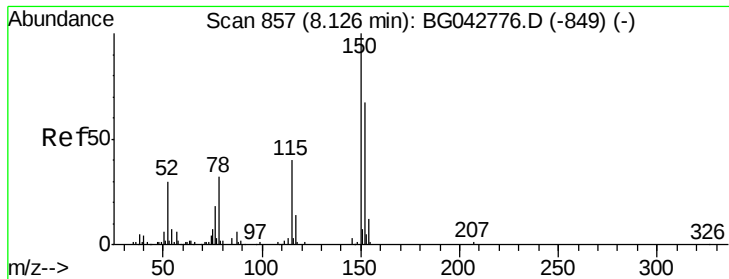
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042775.D
 Acq On : 12 Sep 2019 9:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	79012	18.349	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	99136	21.136	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	104266	21.453	nq	97
46) 1,1'-Biphenyl	13.58	154	324368	20.789	nq	99
47) 2-Chloronaphthalene	13.62	162	270047	20.870	nq	97
48) 2-Nitroaniline	13.81	65	84618	22.962	nq	96
49) Acenaphthylene	14.46	152	419657	21.038	nq	99
50) Dimethylphthalate	14.19	163	357517	21.316	nq	98
51) 2,6-Dinitrotoluene	14.30	165	66842	23.215	nq	96
52) Acenaphthene	14.81	154	266245	20.873	nq	98
53) 3-Nitroaniline	14.62	138	77525	23.155	nq	94
54) 2,4-Dinitrophenol	14.83	184	30673	21.764	nq	91
55) Dibenzofuran	15.14	168	406329	21.085	nq	98
56) 4-Nitrophenol	14.92	139	59161	22.207	nq	98
57) 2,4-Dinitrotoluene	15.08	165	86818	23.786	nq	92
58) Fluorene	15.79	166	333096	20.867	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	100549	21.314	nq	99
60) Diethylphthalate	15.55	149	360952	21.151	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	195200	20.721	nq	100
62) 4-Nitroaniline	15.79	138	84555	22.162	nq	96
63) Azobenzene	16.07	77	346099	21.019	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	40934	22.235	nq	88
66) n-Nitrosodiphenylamine	15.99	169	301250	20.817	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	132109	20.401	nq	98
68) Hexachlorobenzene	16.79	284	141446	20.648	nq	99
69) Atrazine	16.93	200	119204	25.663	nq	98
70) Pentachlorophenol	17.13	266	86046	22.325	nq	92
71) Phenanthrene	17.53	178	540652	21.036	nq	99
72) Anthracene	17.61	178	548035	21.314	nq	99
73) Carbazole	17.88	167	525207	21.305	nq	99
74) Di-n-butylphthalate	18.45	149	641173	21.721	nq	99
75) Fluoranthene	19.53	202	741051	21.761	nq	99
77) Benzidine	19.70	184	343151	20.923	nq	99
78) Pyrene	19.89	202	746363	21.660	nq	99
80) Butylbenzylphthalate	20.78	149	290914	21.163	nq	99
81) Benzo(a)anthracene	21.74	228	749844	21.304	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	284283	20.739	nq	97
83) Chrysene	21.81	228	719626	21.524	nq	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	398962	20.828	nq	99
85) Di-n-octyl phthalate	22.91	149	681311	21.088	nq	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	823237	20.038	nq	# 92
88) Benzo(b)fluoranthene	24.00	252	748491	21.073	nq	99
89) Benzo(k)fluoranthene	24.06	252	709204	20.912	nq	100
90) Benzo(a)pyrene	24.88	252	699301	20.871	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	681052	20.839	nq	98
92) Benzo(g,h,i)perylene	29.95	276	655195	20.467	nq	98

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

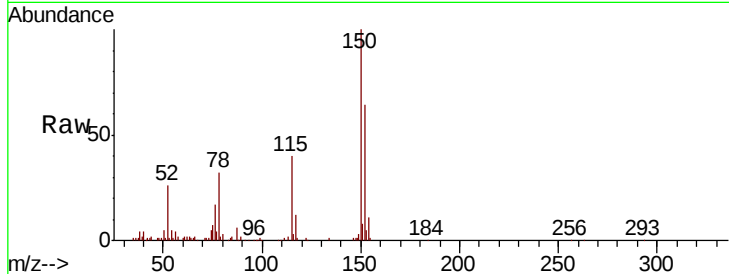


#1

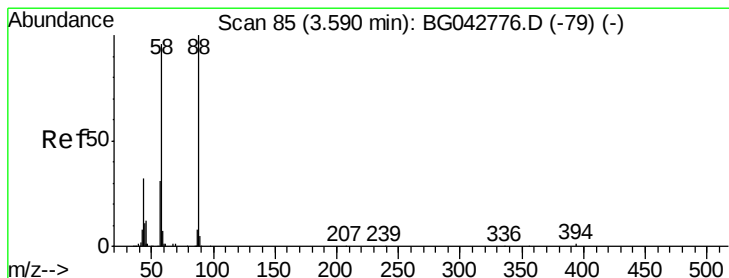
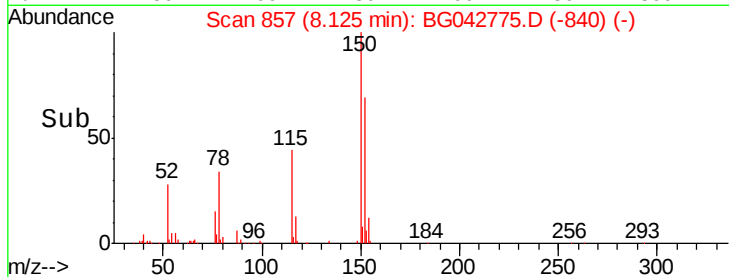
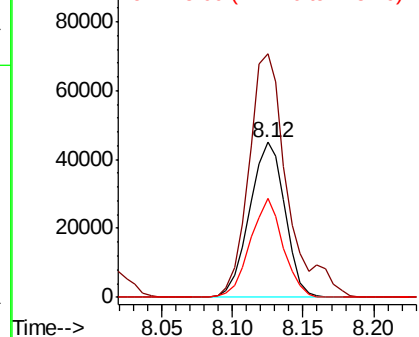
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 78832
Ion Ratio Lower Upper
152 100
150 157.0 118.9 178.3
115 63.5 47.4 71.2



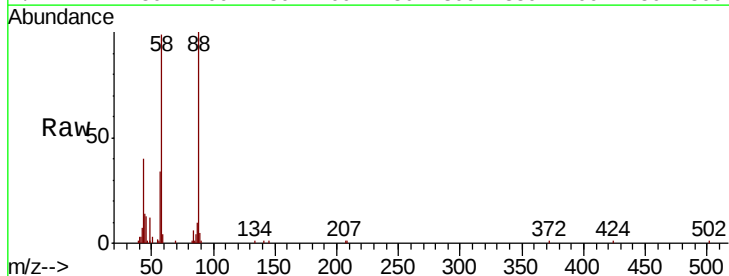
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



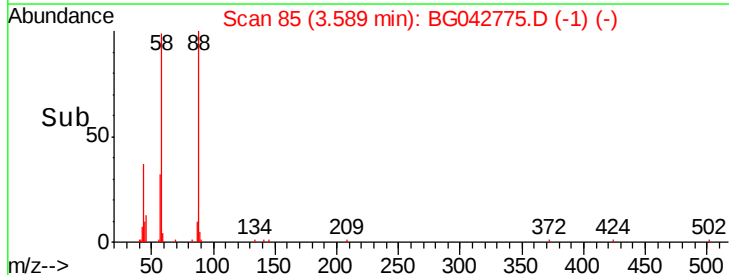
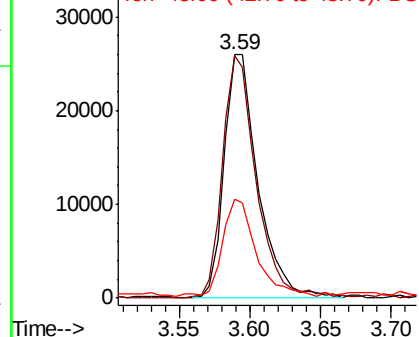
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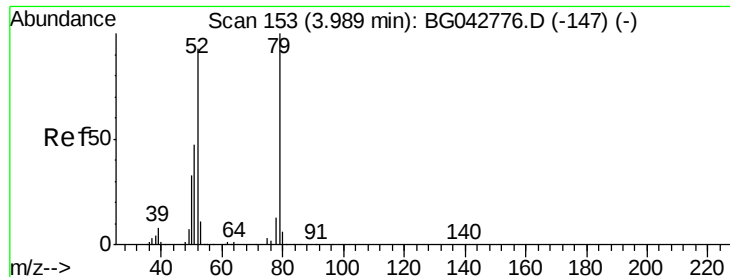
1,4-Dioxane
Concen: 20.790 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion: 88 Resp: 43320
Ion Ratio Lower Upper
88 100
58 99.4 79.1 118.7
43 38.7 30.4 45.6



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: 20.578 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

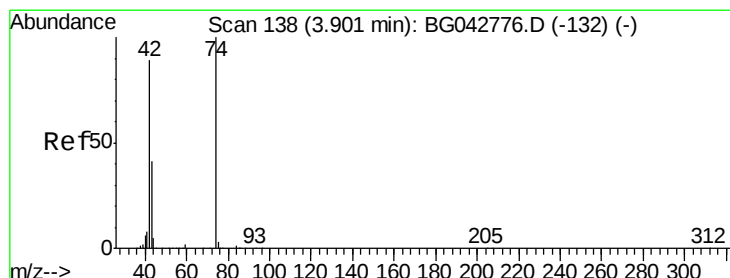
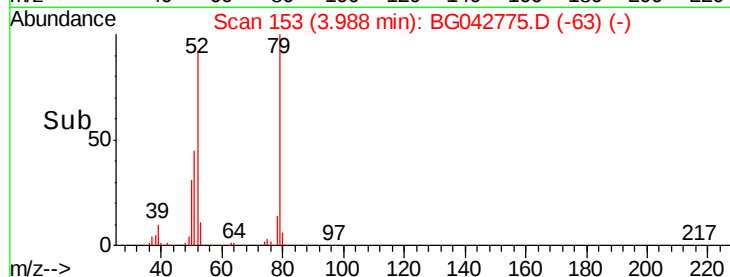
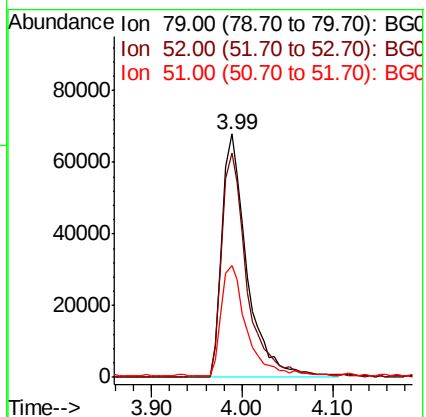
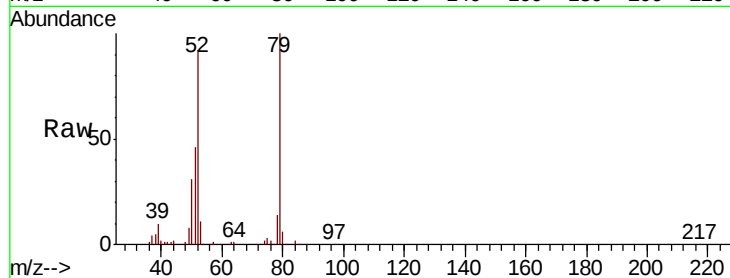
Tot Ion: 79 Resp: 129528

Ion Ratio Lower Upper

79 100

52 91.9 74.0 111.0

51 45.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 19.266 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

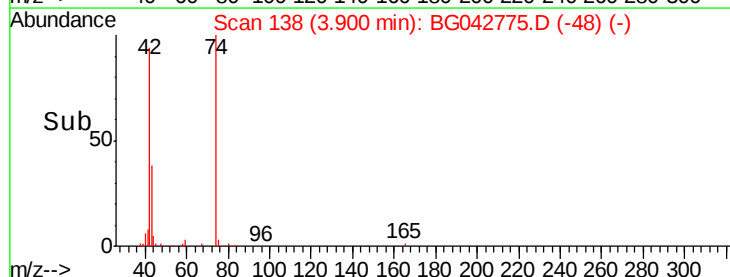
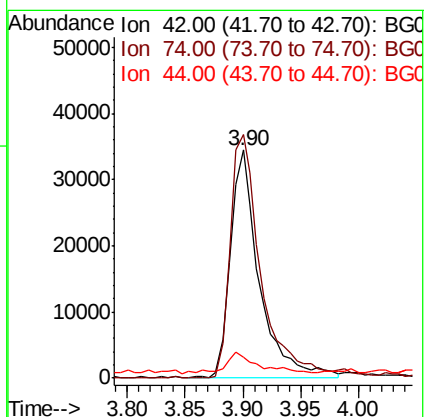
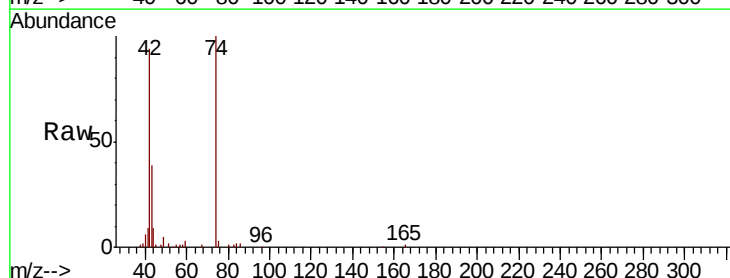
Tgt Ion: 42 Resp: 59643

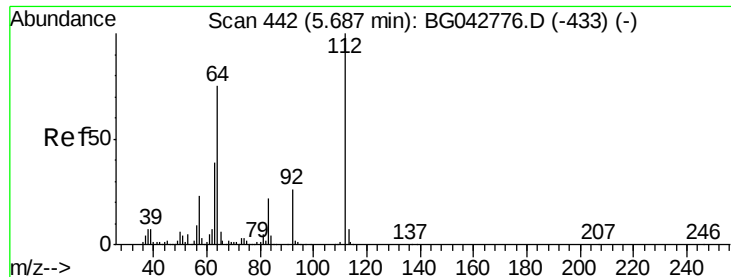
Ion Ratio Lower Upper

42 100

74 106.7 90.2 135.2

44 9.2 6.6 9.8





#5

2-Fluorophenol

Concen: 40.896 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampled :

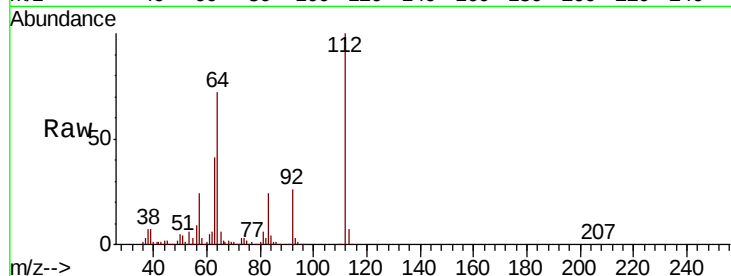
Tot Ion:112 Resp: 187349

Ion Ratio Lower Upper

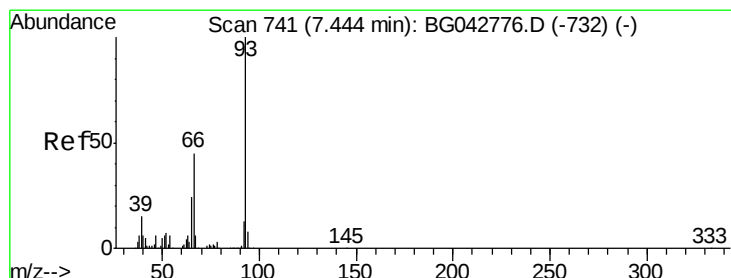
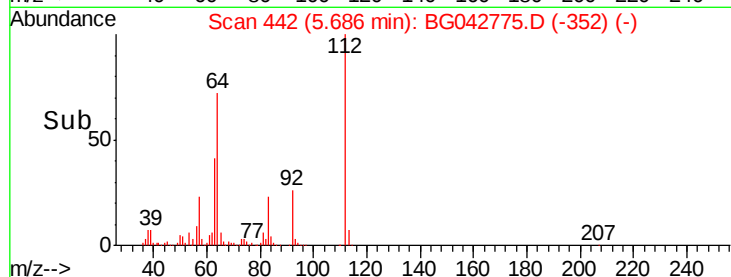
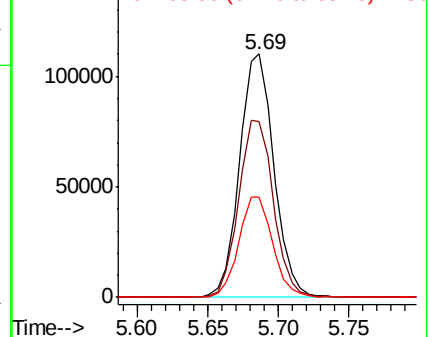
112 100

64 72.3 60.2 90.2

63 41.1 31.2 46.8



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



#6

Aniline

Concen: 20.725 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

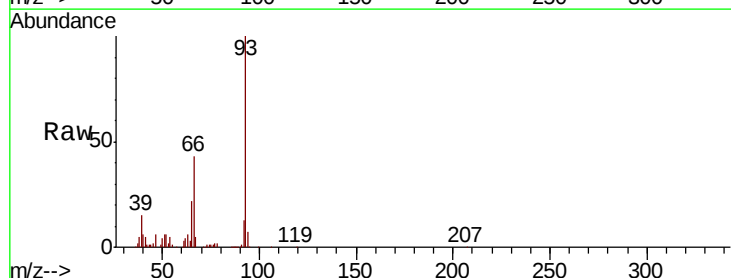
Tgt Ion: 93 Resp: 183948

Ion Ratio Lower Upper

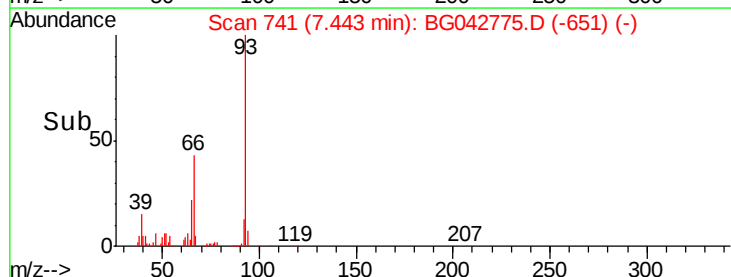
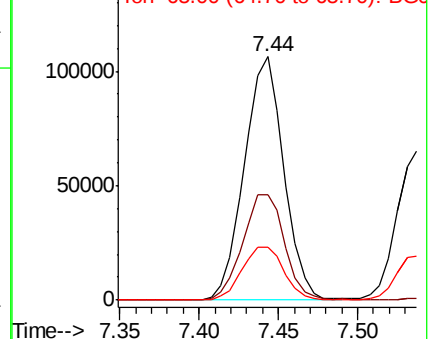
93 100

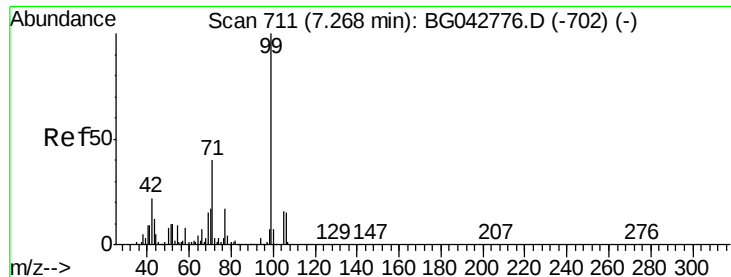
66 43.2 36.3 54.5

65 21.7 19.3 28.9



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: 41.578 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

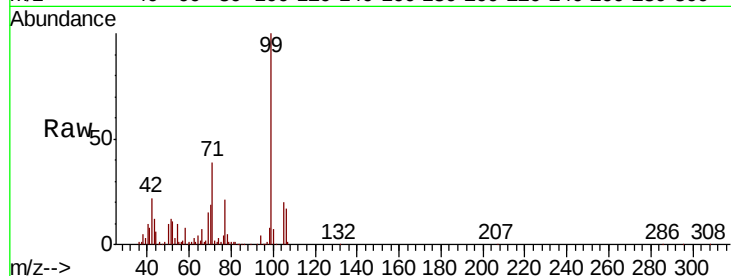
Tot Ion: 99 Resp: 270935

Ion Ratio Lower Upper

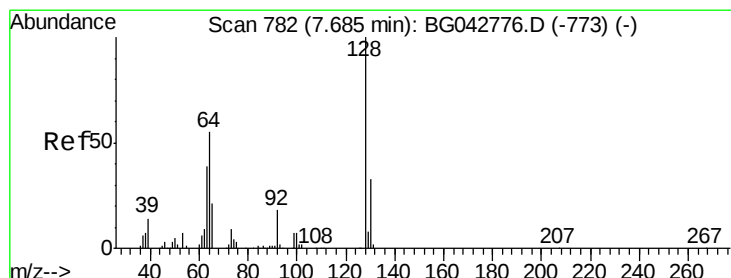
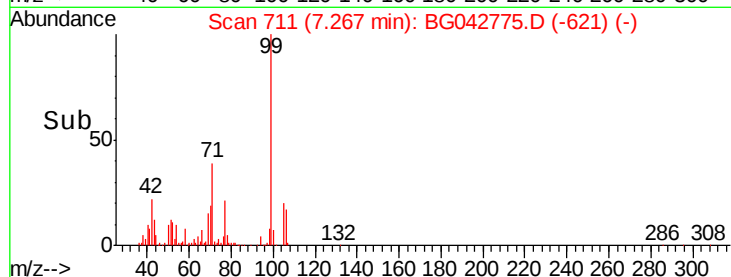
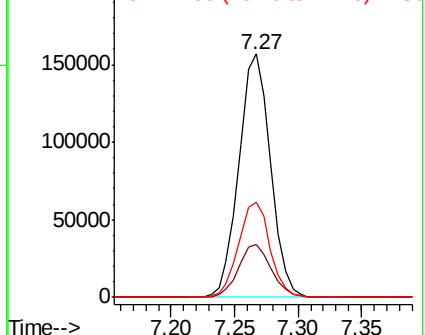
99 100

42 21.6 17.5 26.3

71 39.3 32.0 48.0



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: 21.328 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

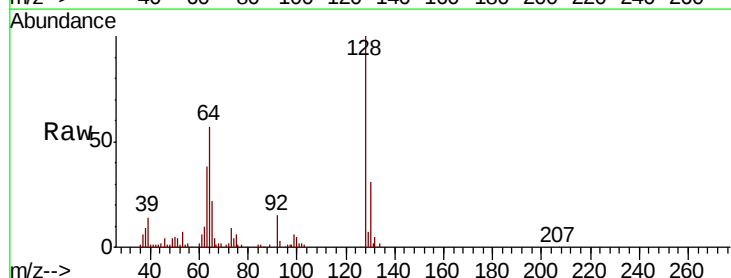
Tgt Ion: 128 Resp: 103428

Ion Ratio Lower Upper

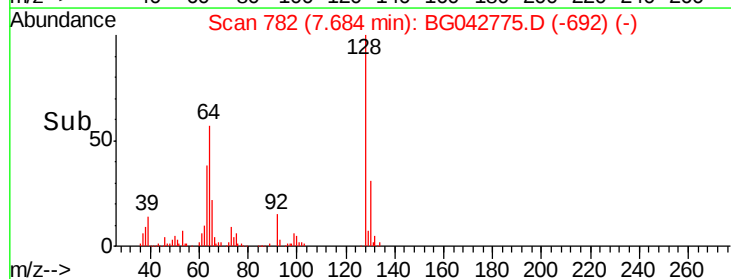
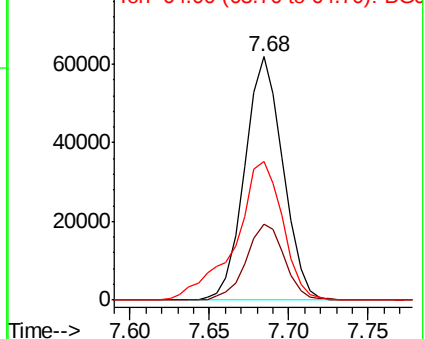
128 100

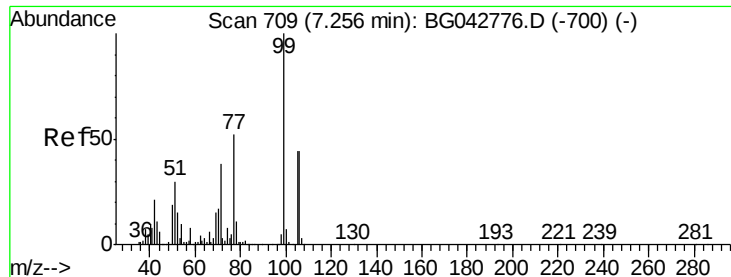
130 31.2 12.8 52.8

64 56.7 36.8 76.8



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: 23.319 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

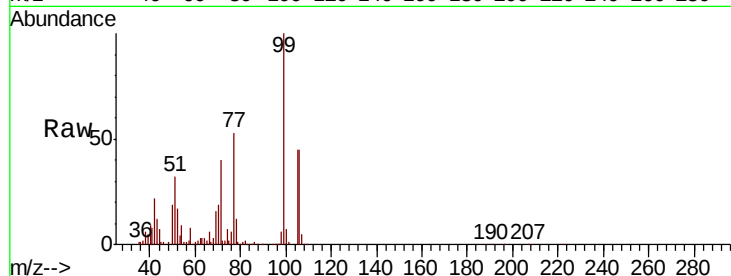
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 94123

Ion	Ratio	Lower	Upper
77	100		
105	84.3	64.5	104.5
106	84.1	63.4	103.4

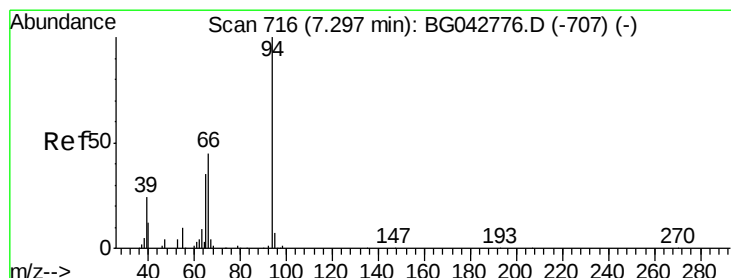
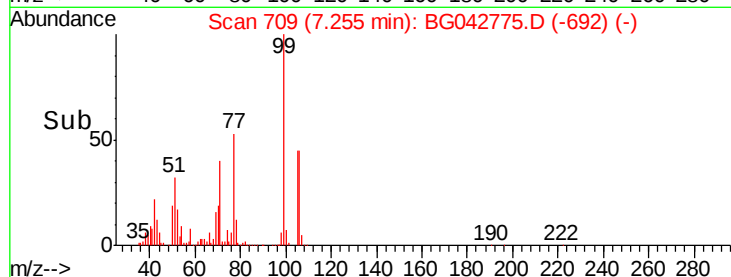
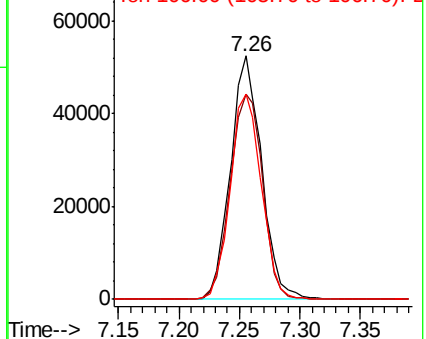


Abundance

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: 20.994 ng

RT: 7.29 min Scan# 715

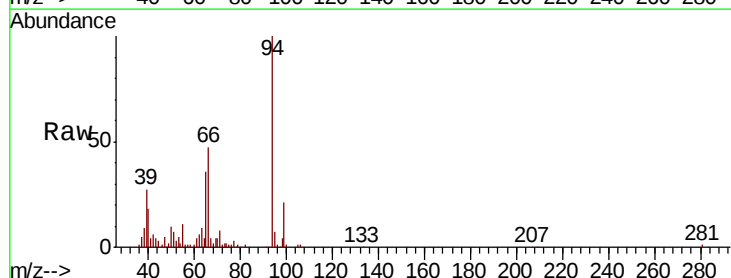
Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Tgt Ion: 94 Resp: 138985

Ion	Ratio	Lower	Upper
94	100		
65	36.1	15.0	55.0
66	47.2	26.1	66.1

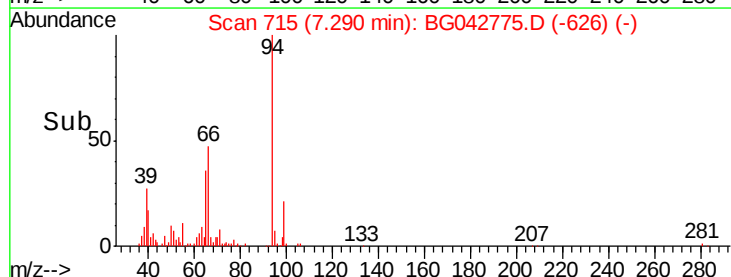
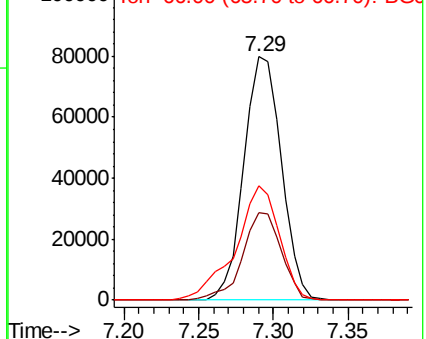


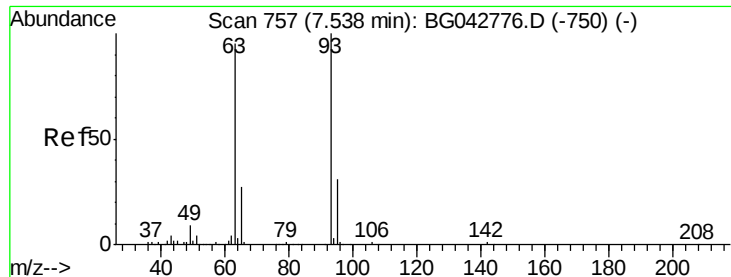
Abundance

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

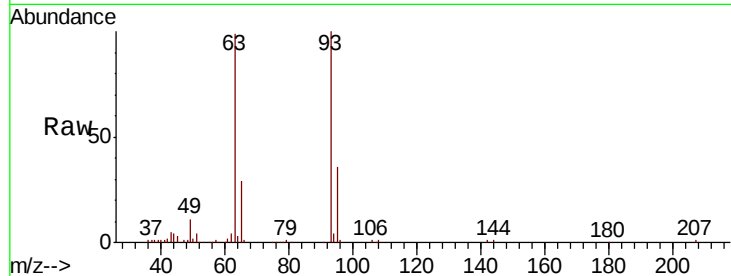




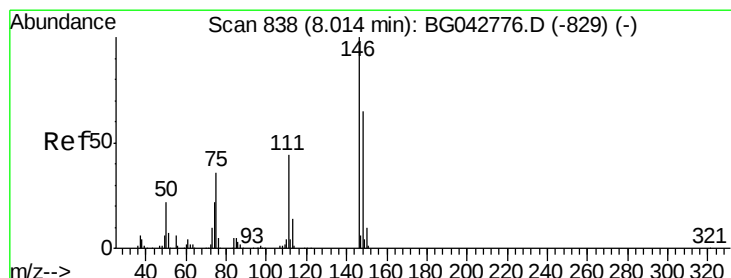
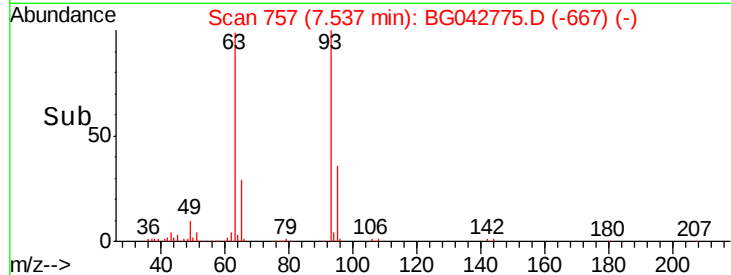
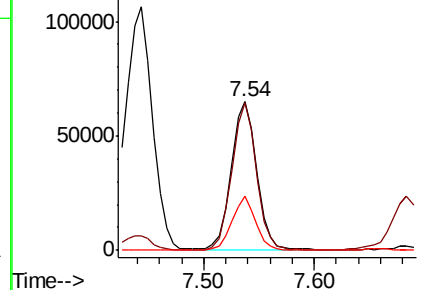
#11
 bis(2-Chloroethyl)ether
 Concen: 20.749 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	99.0	74.7	114.7
95	36.2	11.1	51.1

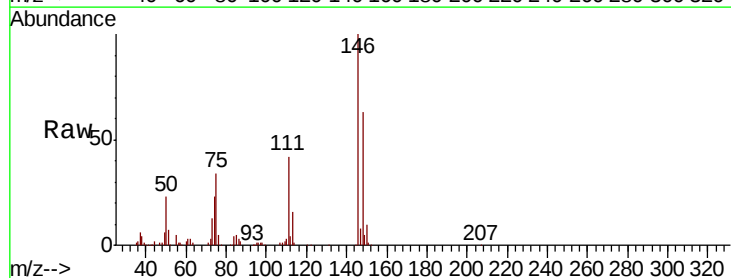


Abundance Ion 93.00 (92.70 to 93.70): BG042775.D (-667) (-)
 Ion 63.00 (62.70 to 63.70): BG042775.D (-667) (-)
 Ion 95.00 (94.70 to 95.70): BG042775.D (-667) (-)

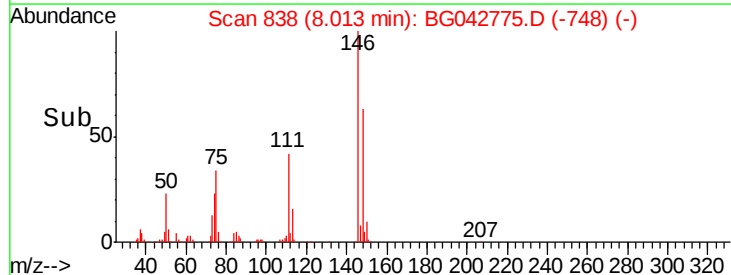
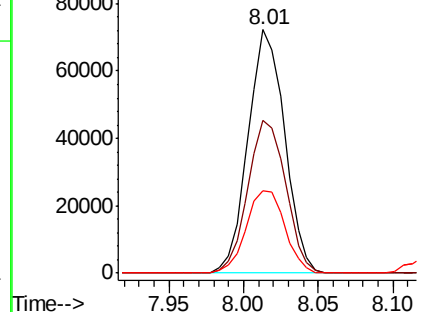


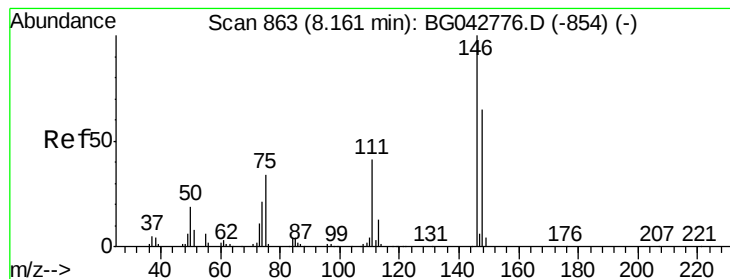
#12
 1,3-Dichlorobenzene
 Concen: 20.456 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
75	33.9	28.4	42.6



Abundance Ion 146.00 (145.70 to 146.70): BG042775.D (-748) (-)
 Ion 148.00 (147.70 to 148.70): BG042775.D (-748) (-)
 Ion 75.00 (74.70 to 75.70): BG042775.D (-748) (-)





#13

1,4-Dichlorobenzene

Concen: 20.470 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampled :

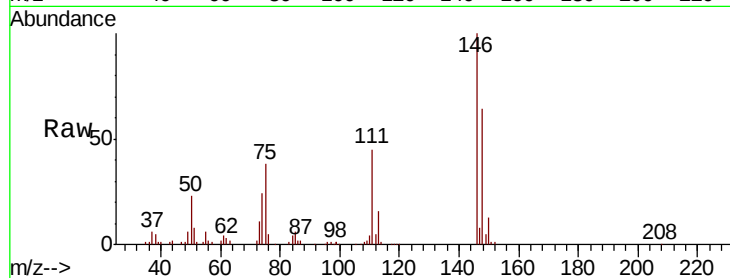
Tot Ion:146 Resp: 122388

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

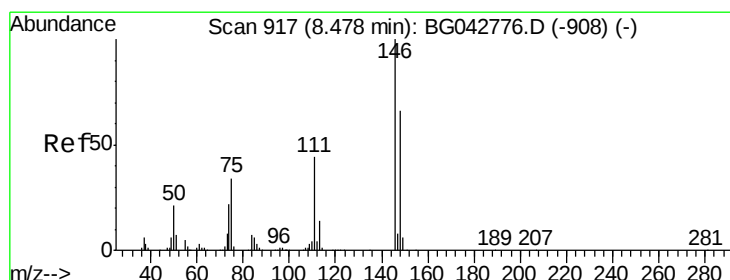
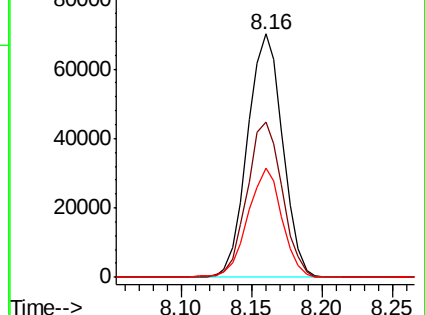
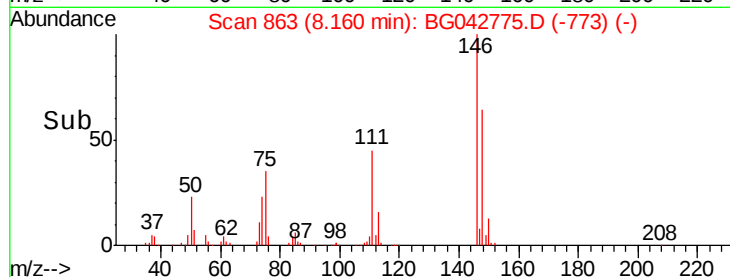
111 44.7 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.892 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

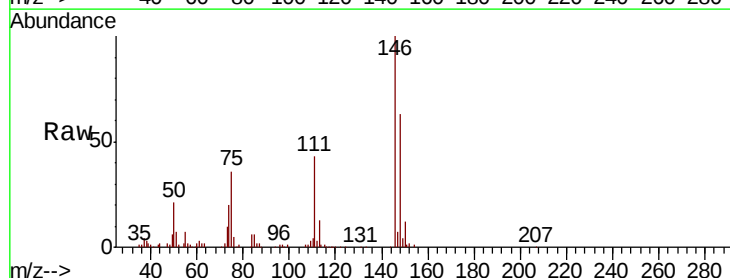
Tgt Ion:146 Resp: 118559

Ion Ratio Lower Upper

146 100

148 63.0 52.6 78.8

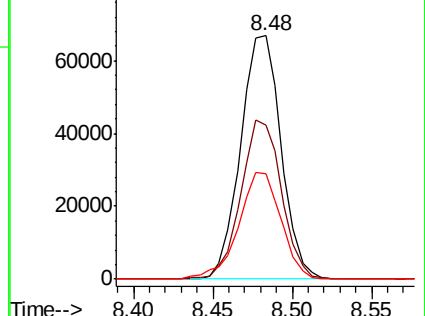
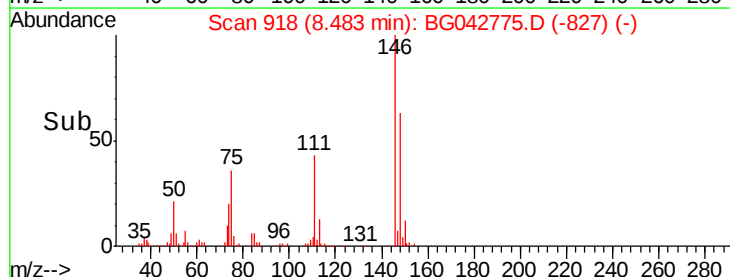
111 43.2 35.3 52.9

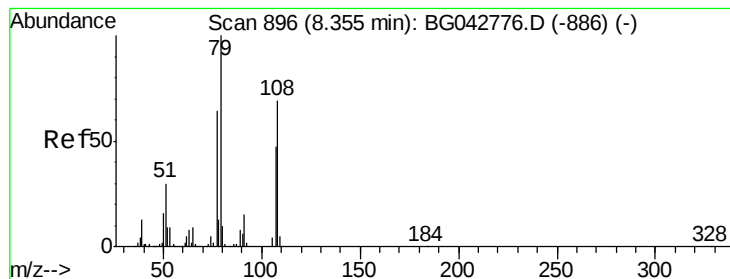


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.869 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

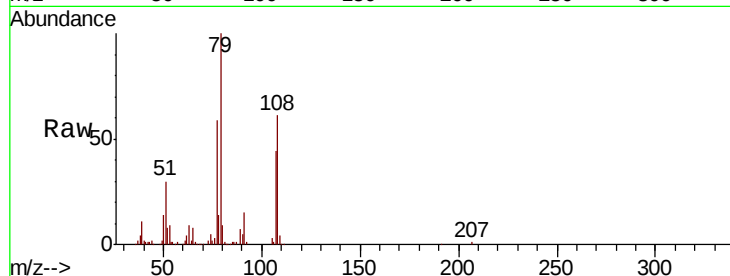
Tot Ion: 79 Resp: 116598

Ion Ratio Lower Upper

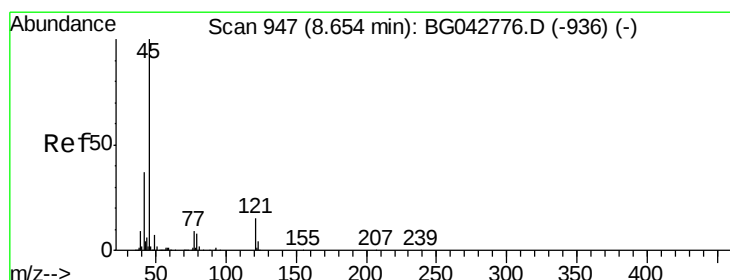
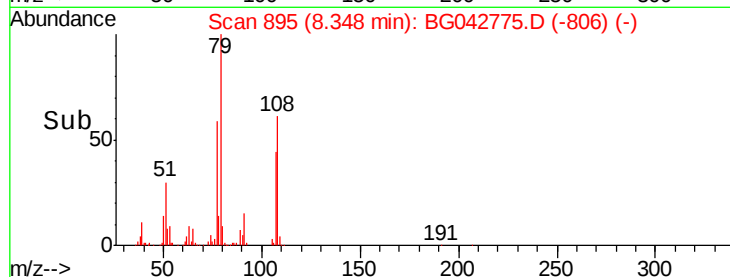
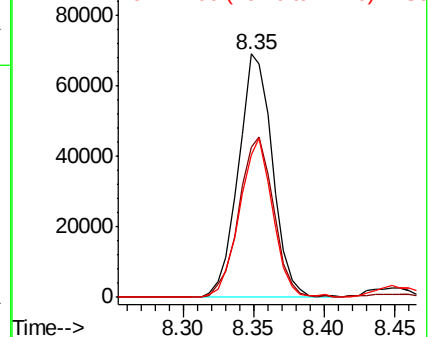
79 100

108 61.5 54.9 82.3

77 58.8 51.0 76.6



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: 20.778 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

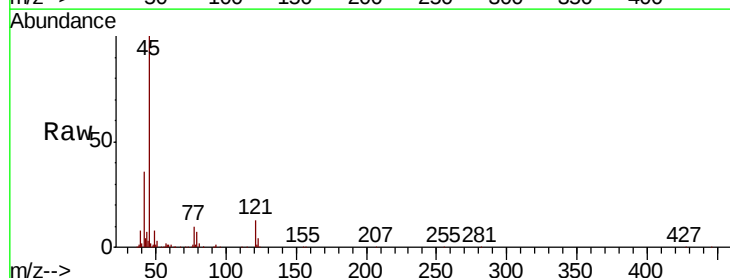
Tgt Ion: 45 Resp: 238880

Ion Ratio Lower Upper

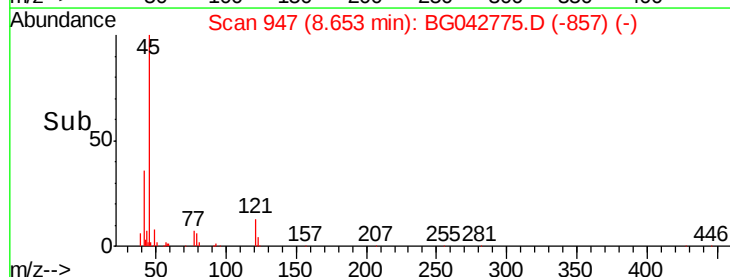
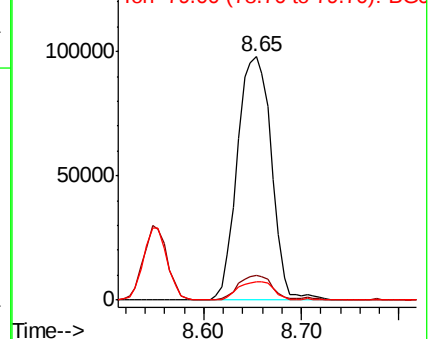
45 100

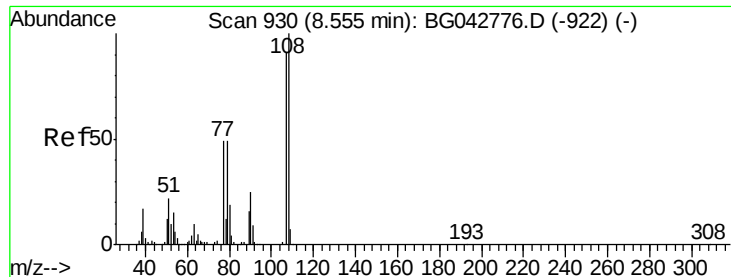
77 10.3 0.0 29.4

79 7.3 0.0 28.4



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: 20.536 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 92447

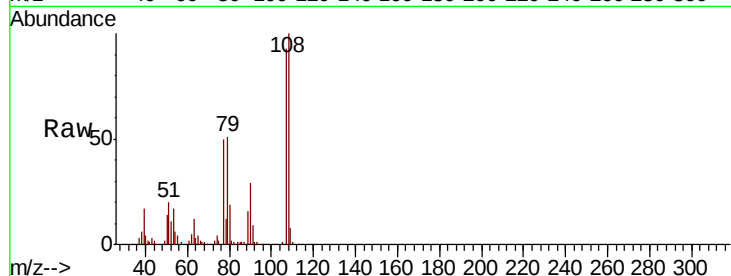
Ion Ratio Lower Upper

107 100

108 107.8 87.7 131.5

77 53.9 42.6 64.0

79 55.3 43.4 65.2

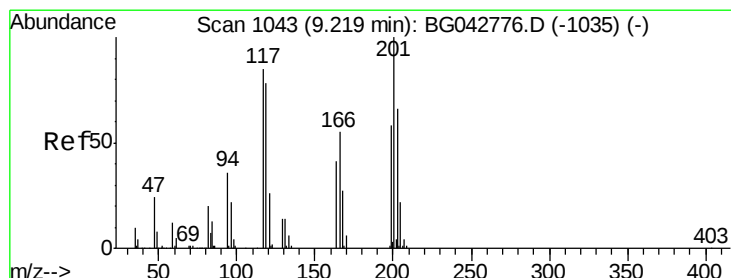
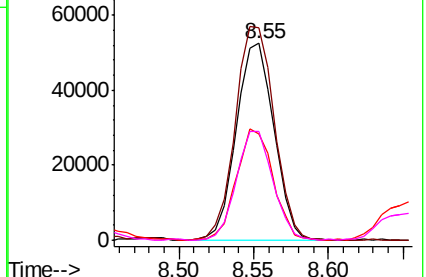
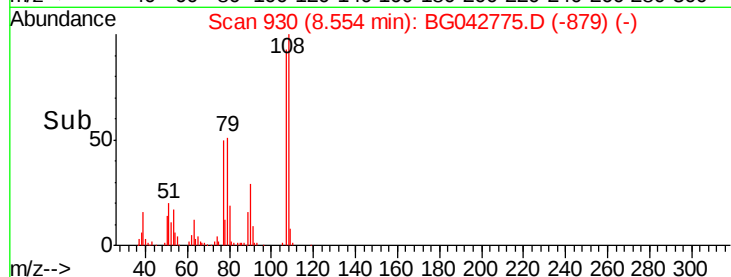


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 20.880 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

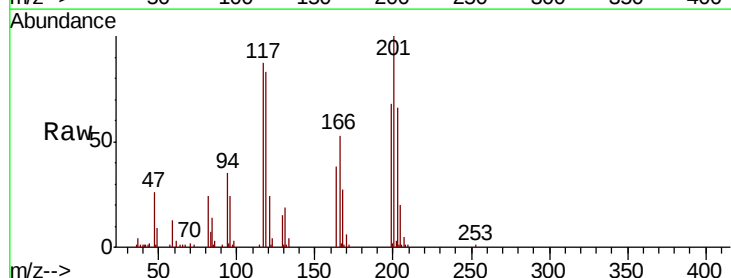
Tgt Ion:117 Resp: 45701

Ion Ratio Lower Upper

117 100

119 96.3 73.8 110.8

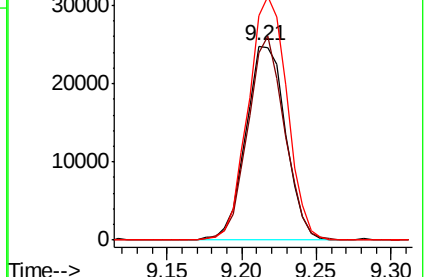
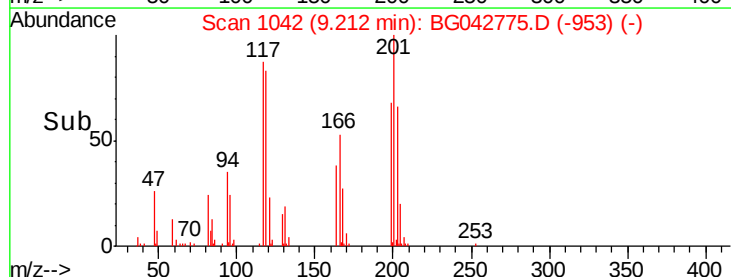
201 115.4 94.6 142.0

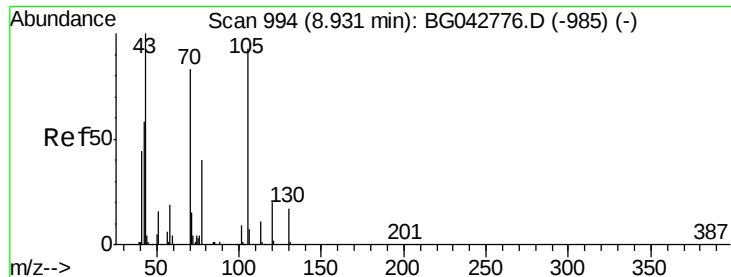


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

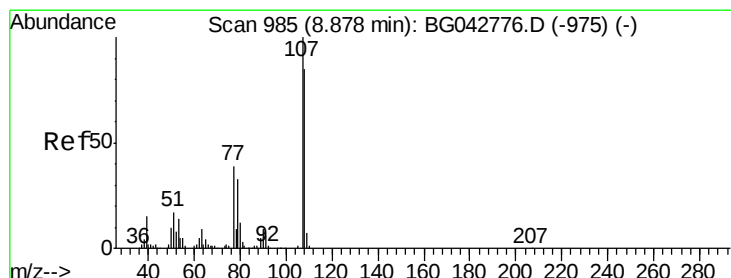
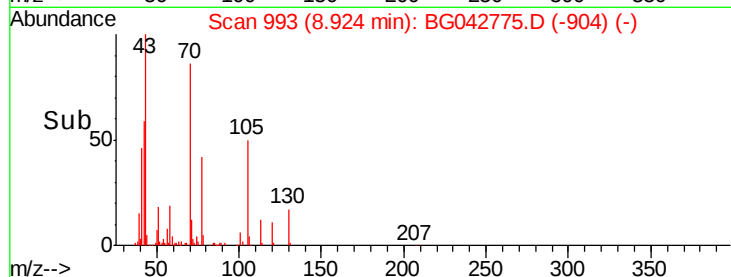
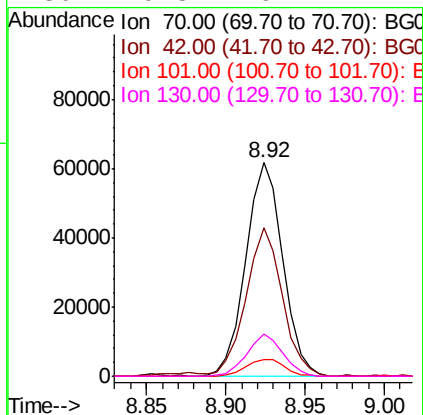
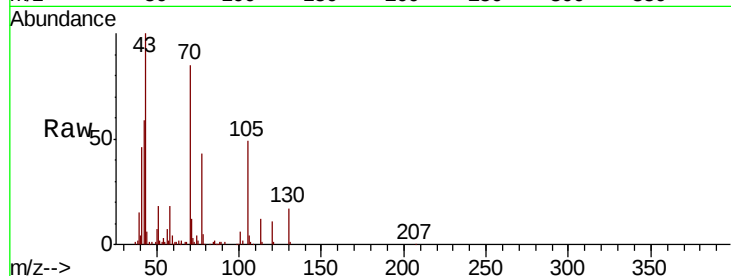




#19
n-Nitroso-di-n-propylamine
Concen: 20.891 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

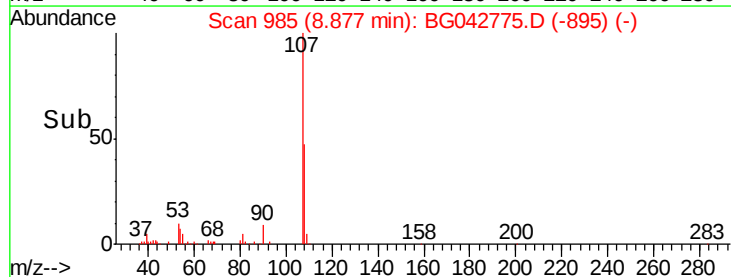
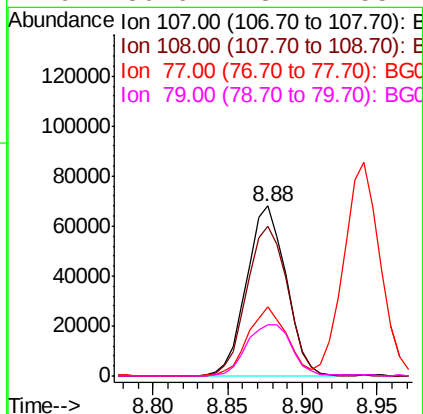
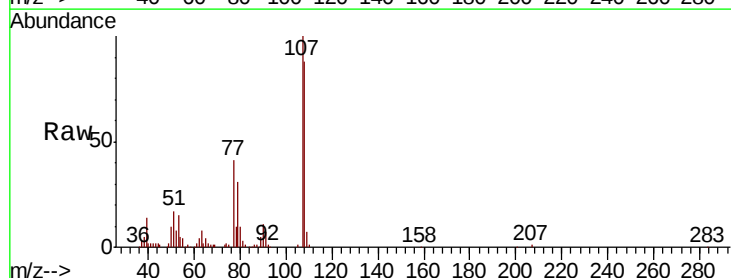
Instrument :
BNA_G
ClientSampleId :

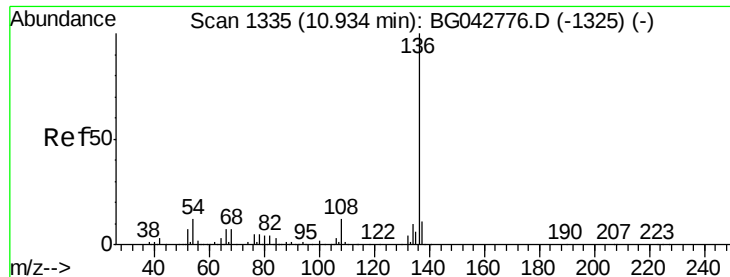
Tot Ion:	70	Resp:	100108
Ion	Ratio	Lower	Upper
70	100		
42	69.2	57.0	85.6
101	7.6	8.4	12.6#
130	19.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 20.379 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion:	107	Resp:	125055
Ion	Ratio	Lower	Upper
107	100		
108	88.1	65.4	105.4
77	40.7	18.7	58.7
79	30.6	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 325392

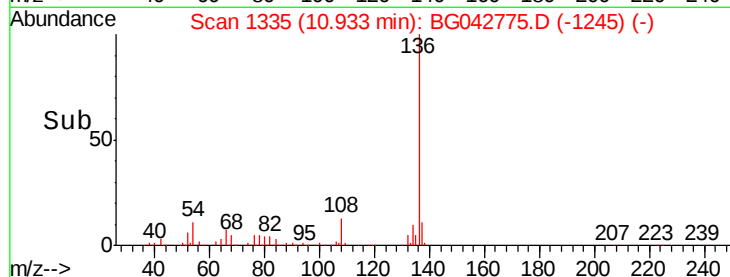
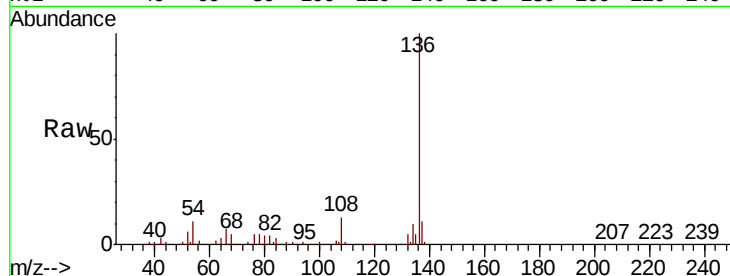
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.0 9.4 14.0

68 5.4 5.4 8.2#

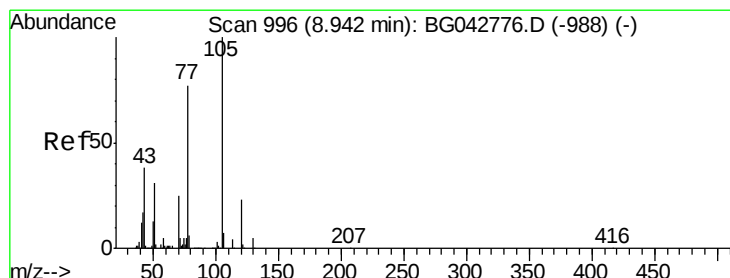
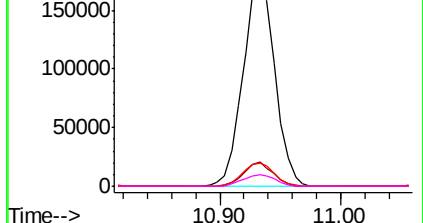


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 20.713 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Tgt Ion:105 Resp: 171099

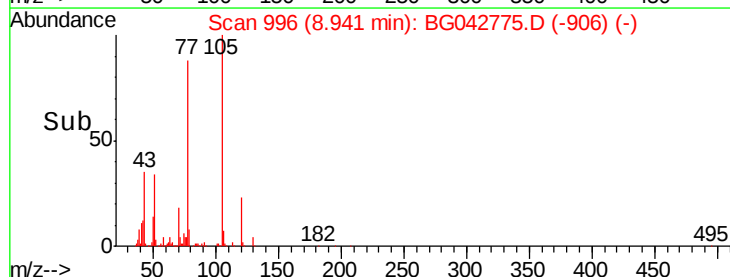
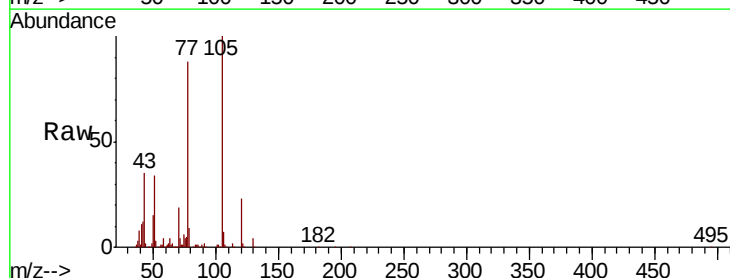
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 34.4 28.8 43.2

120 23.3 18.5 27.7

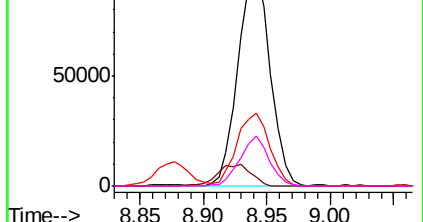


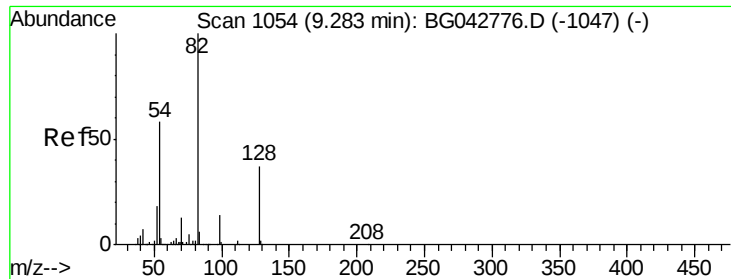
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

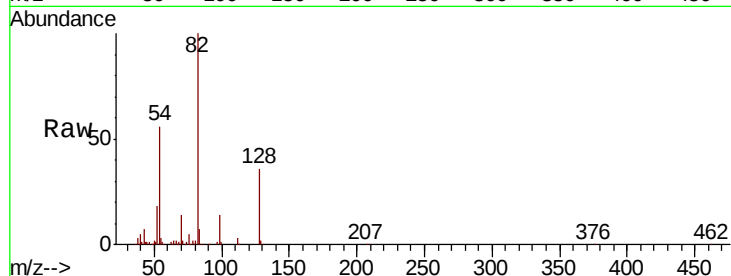




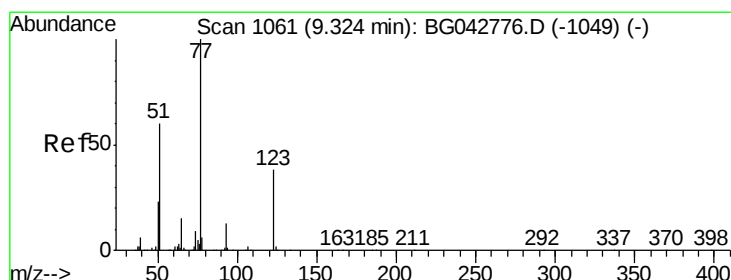
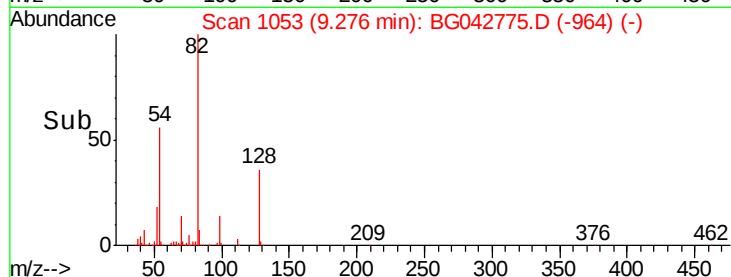
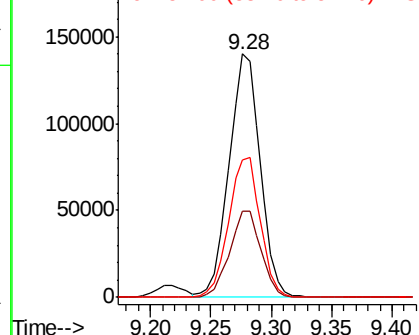
#23
 Nitrobenzene-d5
 Concen: 46.635 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.8	44.8
54	56.3	46.1	69.1

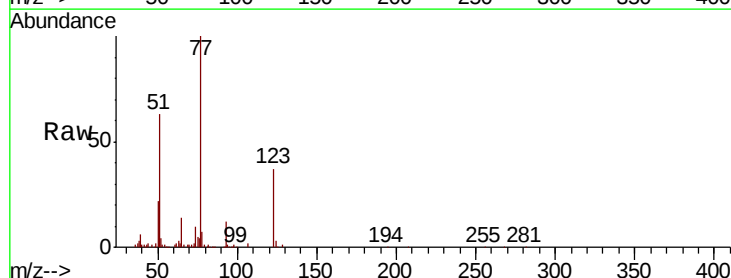


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

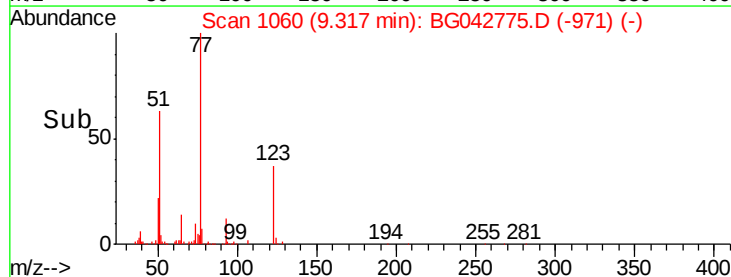
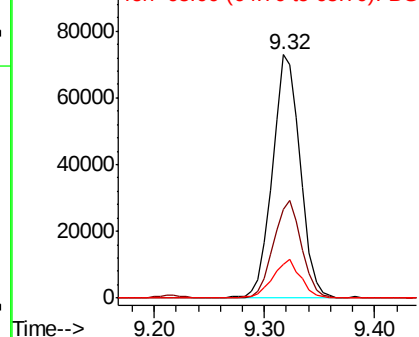


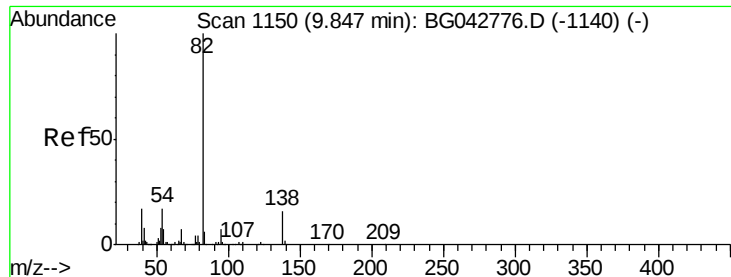
#24
 Nitrobenzene
 Concen: 22.063 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	30.7	46.1
65	13.9	12.2	18.4



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: 20.637 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

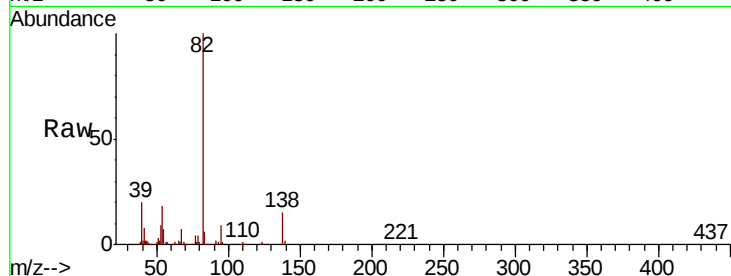
Tot Ion: 82 Resp: 267713

Ion Ratio Lower Upper

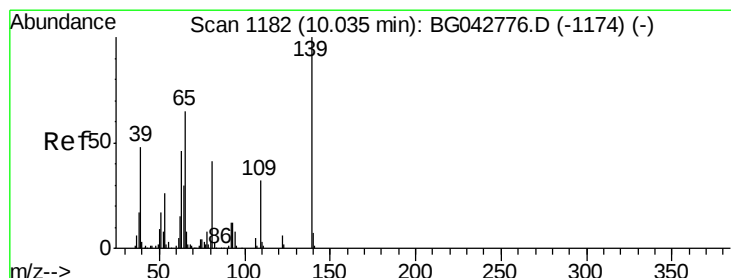
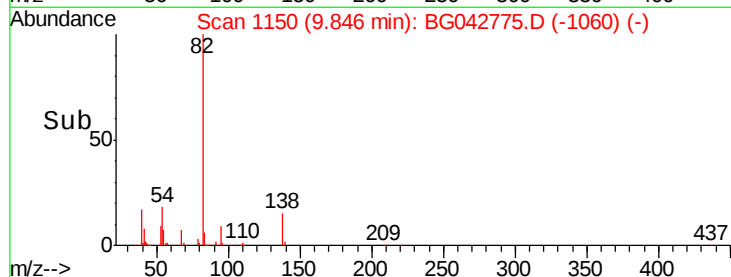
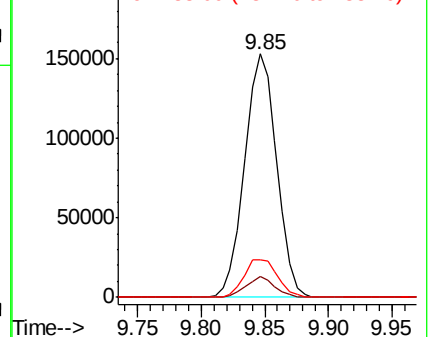
82 100

95 8.7 5.8 8.8

138 15.4 12.9 19.3



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: 22.498 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

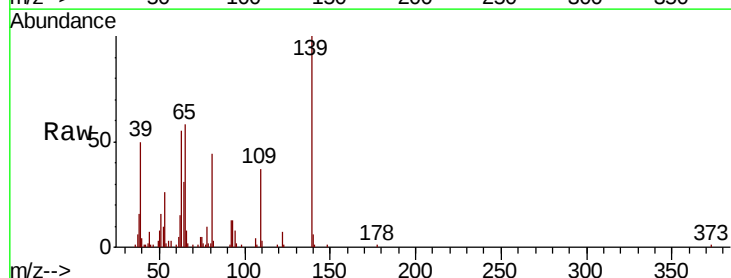
Tgt Ion: 139 Resp: 47191

Ion Ratio Lower Upper

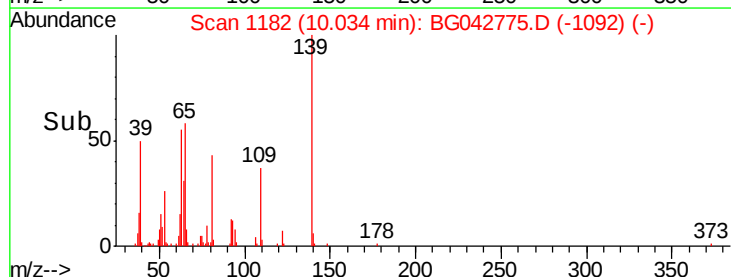
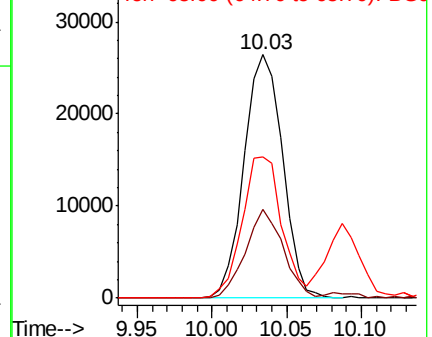
139 100

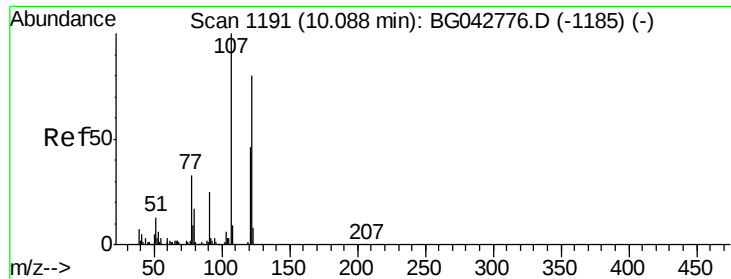
109 36.6 25.8 38.8

65 57.9 52.2 78.2



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

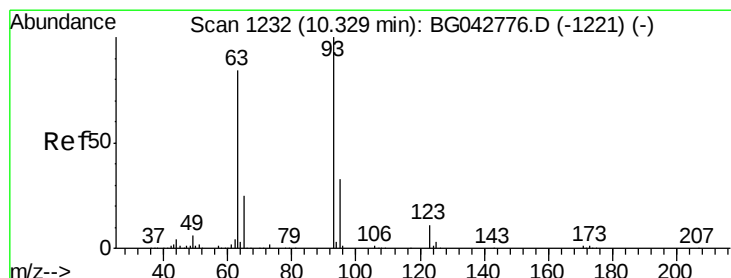
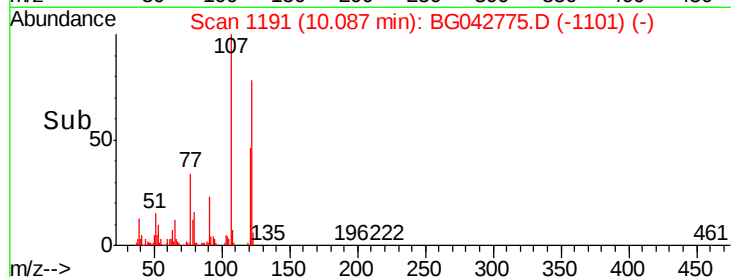
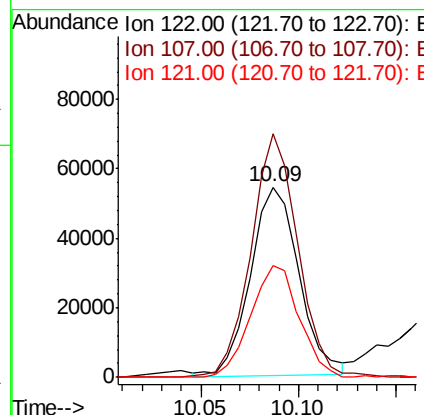
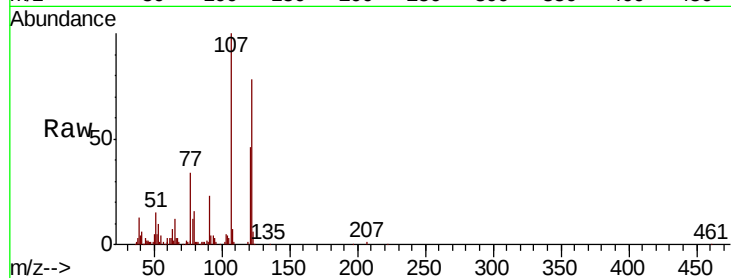




#27
2,4-Dimethylphenol
Concen: 20.781 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

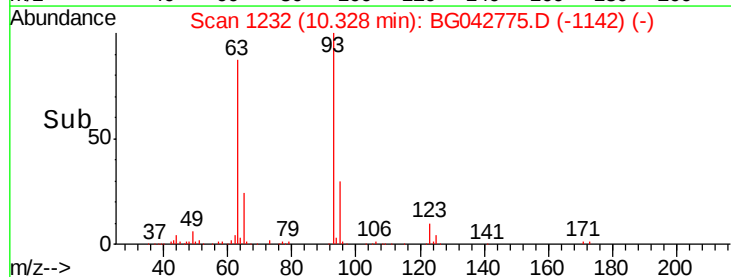
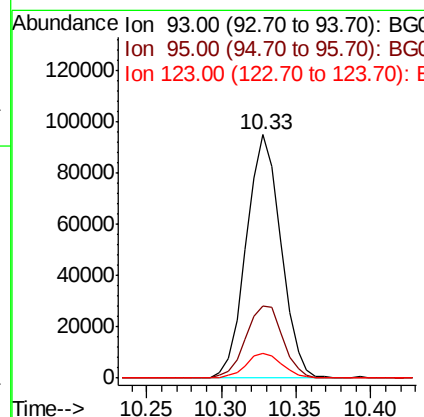
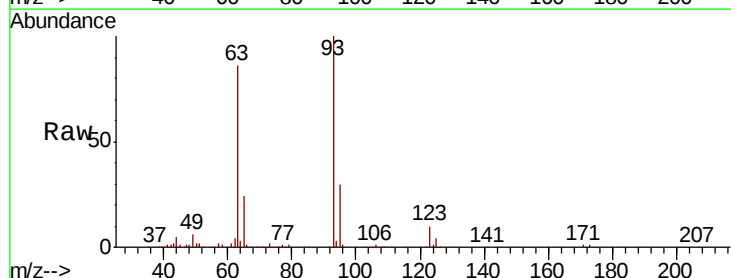
Instrument :
BNA_G
ClientSampleId :

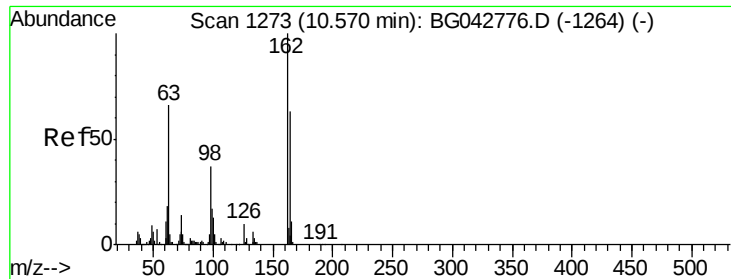
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.8	98.9	148.3
121	58.4	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 20.972 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	26.6	40.0
123	9.9	9.0	13.6

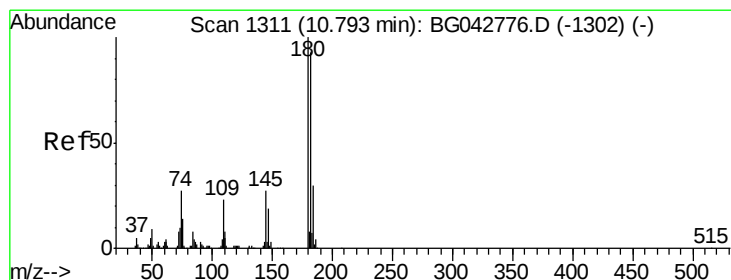
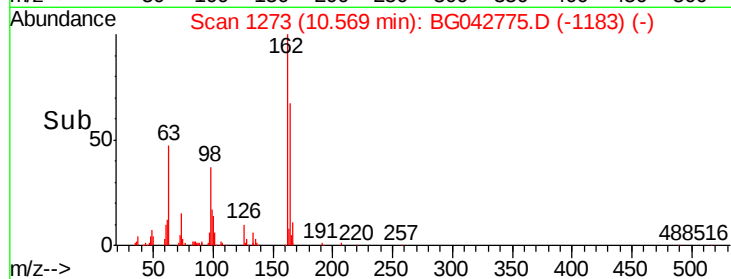
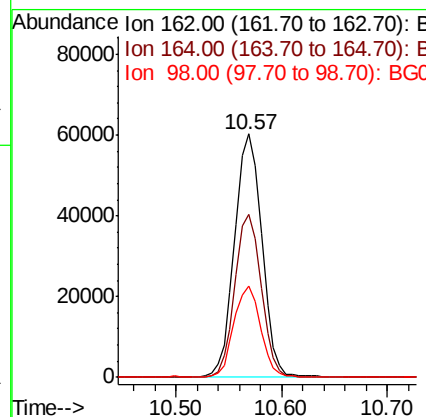
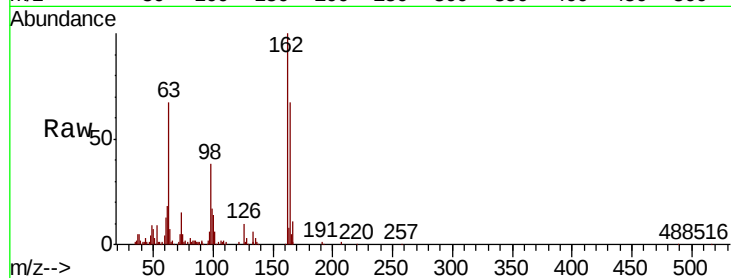




#29
 2,4-Dichlorophenol
 Concen: 20.888 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

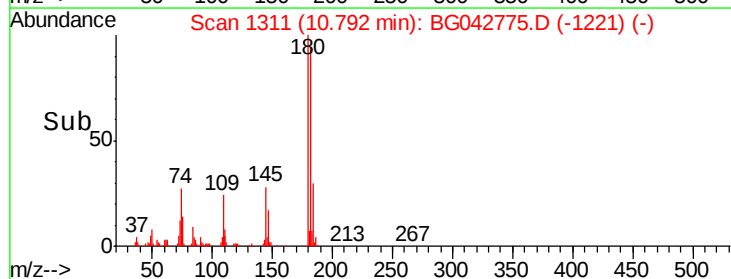
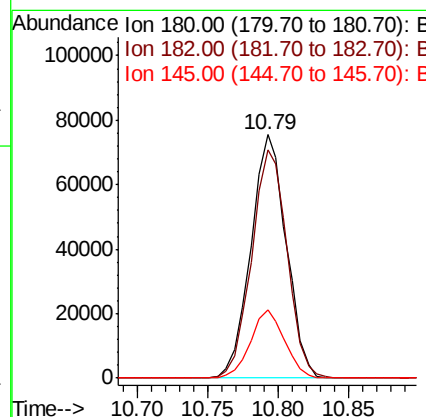
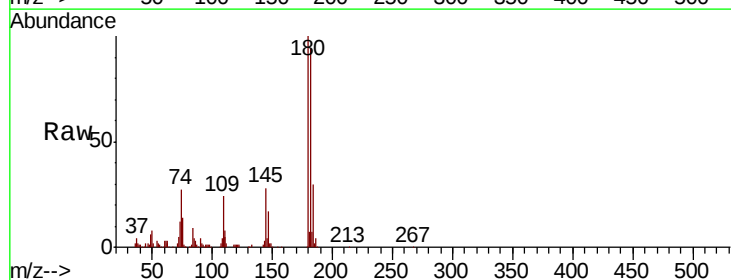
Instrument :
 BNA_G
 ClientSampleId :

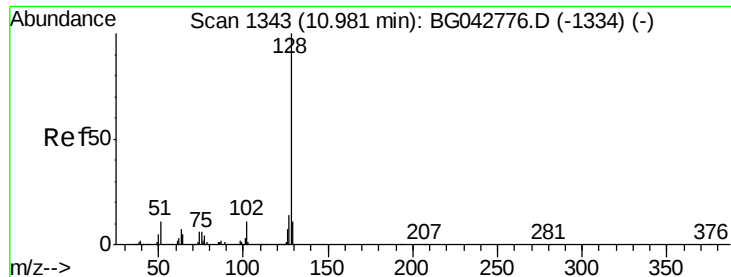
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	43.4	83.4
98	37.7	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 20.688 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.6	112.0
145	28.0	21.8	32.6

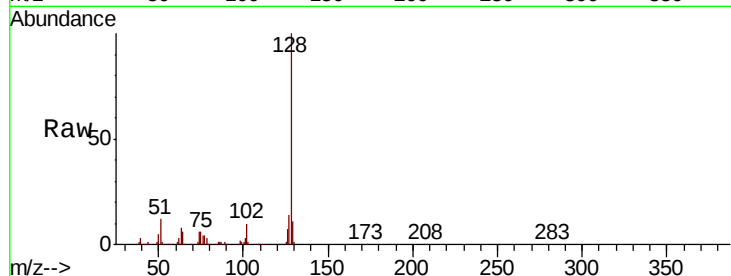




#31
Naphthalene
Concen: 20.961 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.2	11.4	17.2

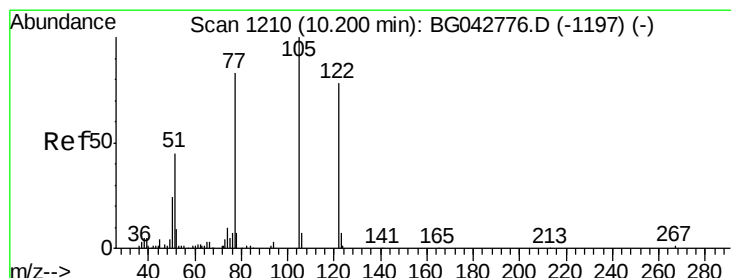
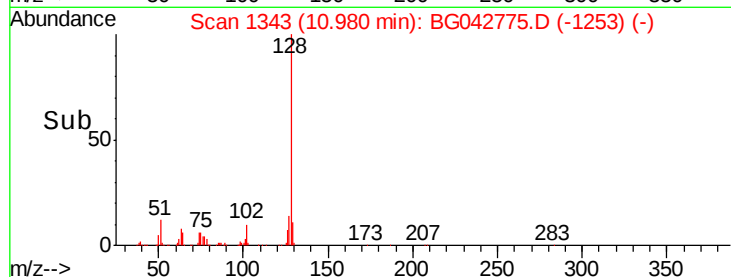
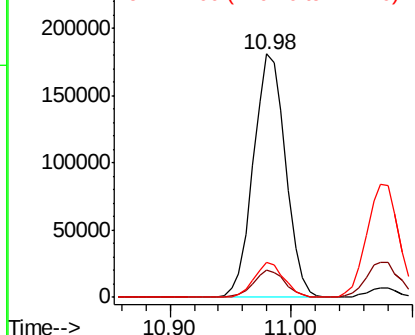


Abundance

Ion 128.00 (127.70 to 128.70): E

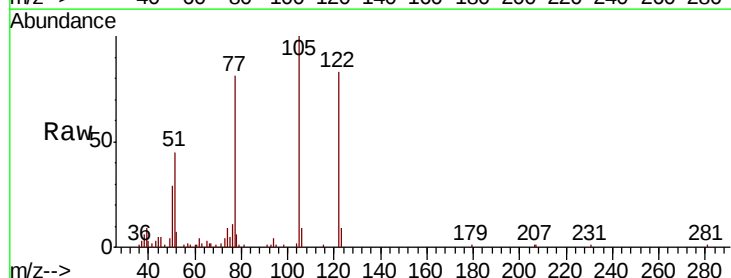
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 18.907 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	104.0	144.0
77	97.0	84.2	124.2

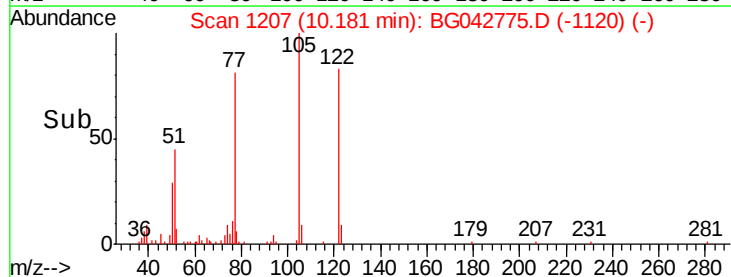
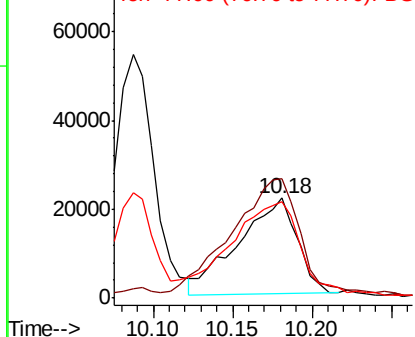


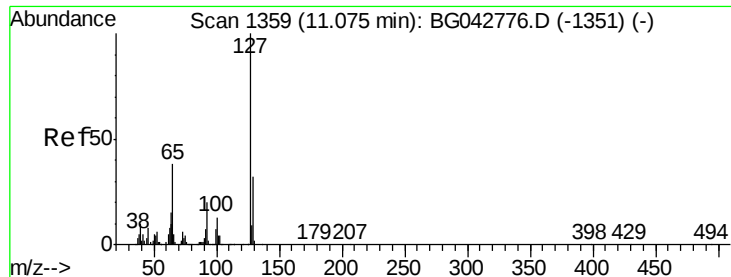
Abundance

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): BGO

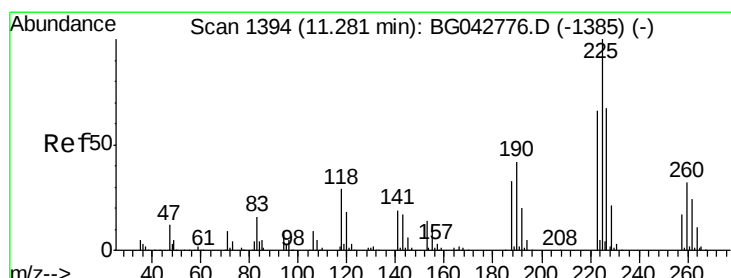
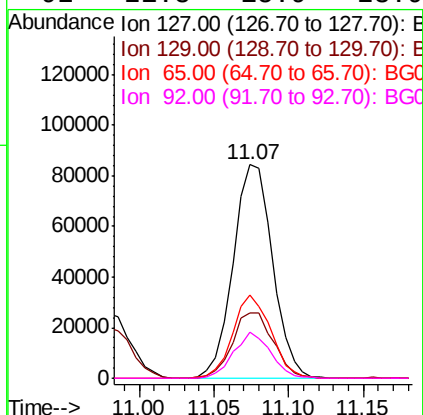
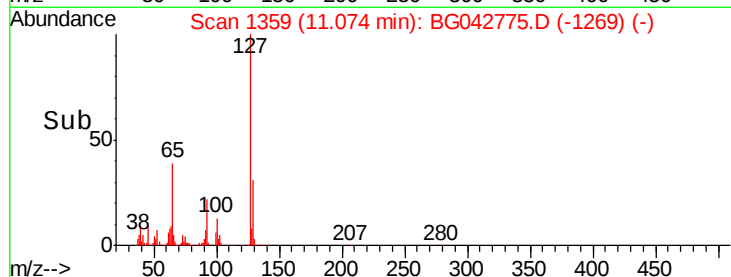
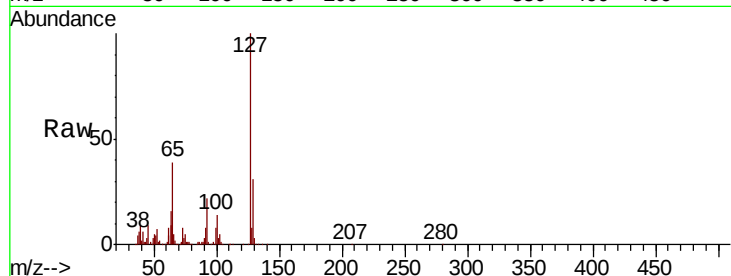




#33
4-Chloroaniline
Concen: 20.550 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

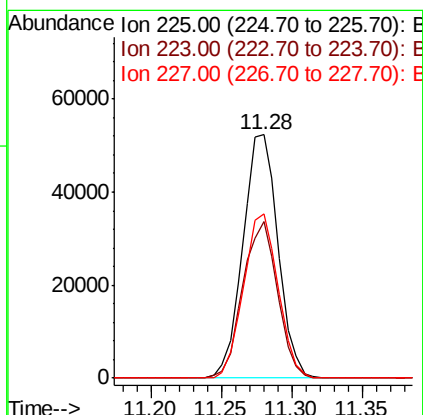
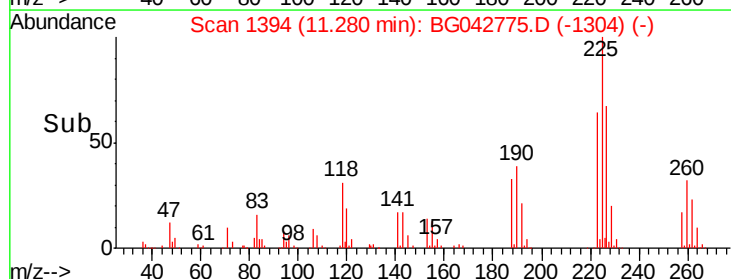
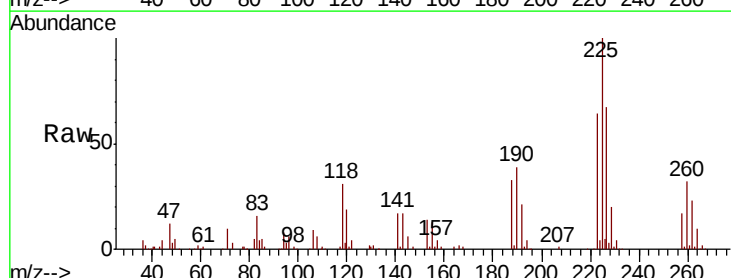
Instrument :
BNA_G
ClientSampleId :

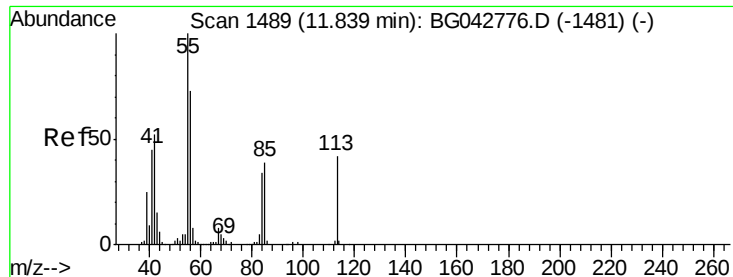
Tot Ion:	127	Resp:	155205
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	38.7	30.5	45.7
92	21.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 20.235 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion:	225	Resp:	91215
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.6	79.0
227	67.5	53.6	80.4





#35

Caprolactam

Concen: 20.490 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampled :

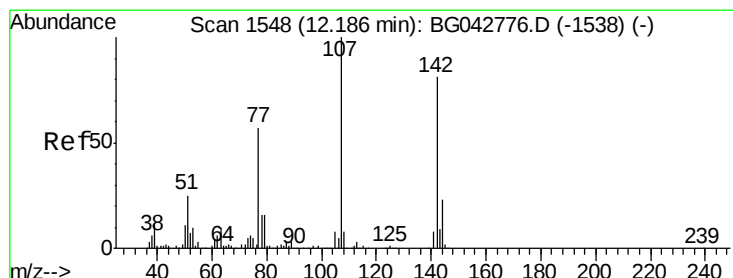
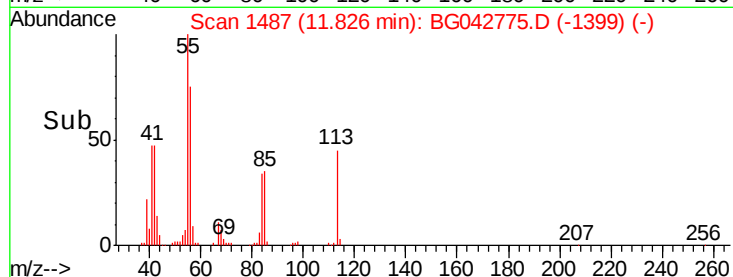
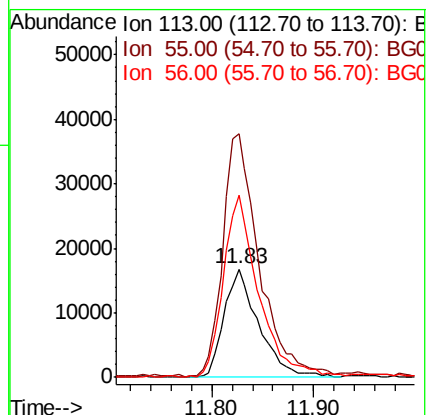
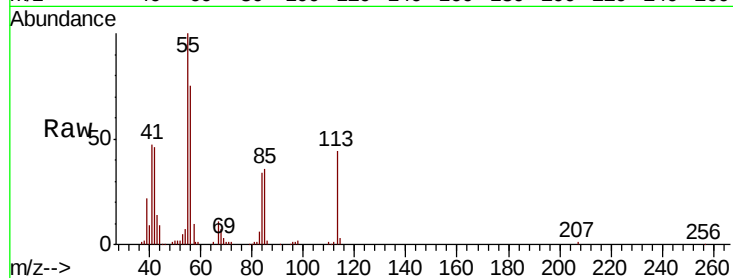
Tot Ion:113 Resp: 39870

Ion Ratio Lower Upper

113 100

55 224.9 218.4 258.4

56 168.7 154.8 194.8



#36

4-Chloro-3-methylphenol

Concen: 20.876 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

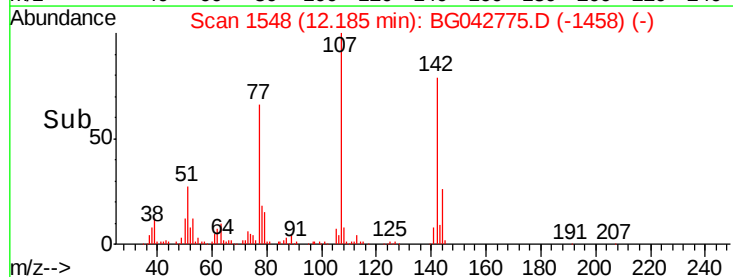
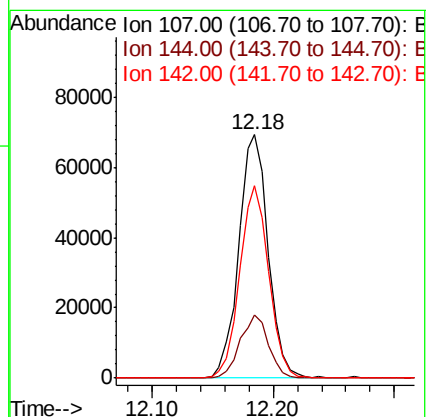
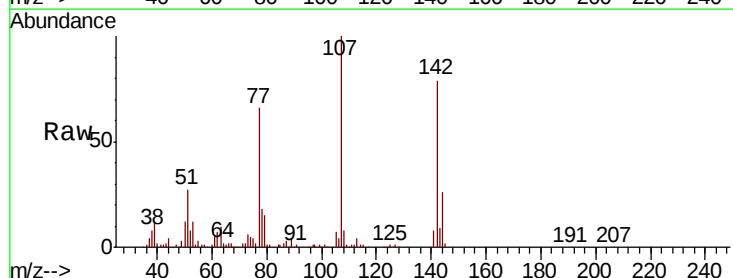
Tgt Ion:107 Resp: 117569

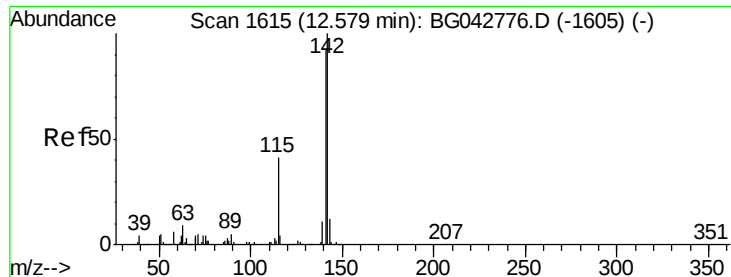
Ion Ratio Lower Upper

107 100

144 25.8 18.7 28.1

142 79.3 65.0 97.4

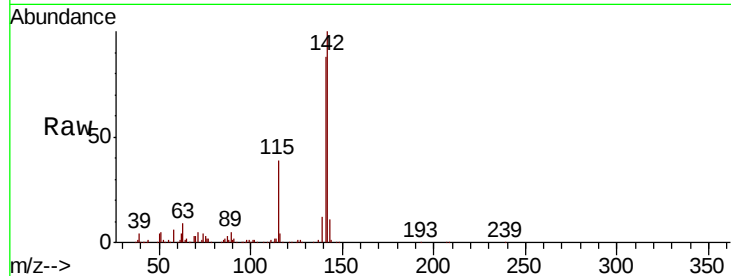




#37
2-Methylnaphthalene
Concen: 20.989 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.8	110.8
115	38.6	33.0	49.4

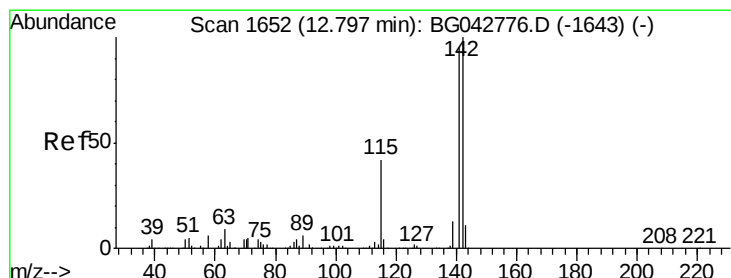
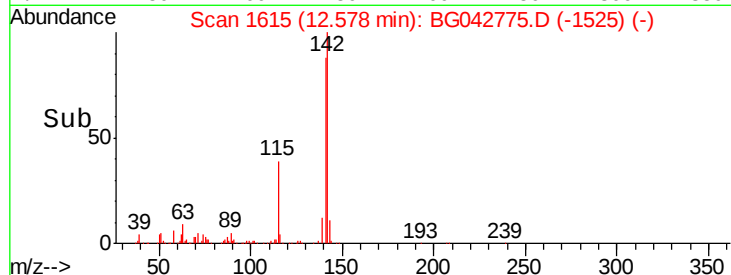
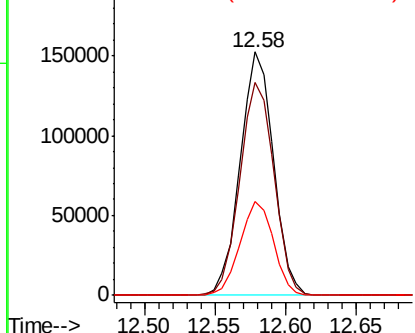


Abundance

Ion 142.00 (141.70 to 142.70): E

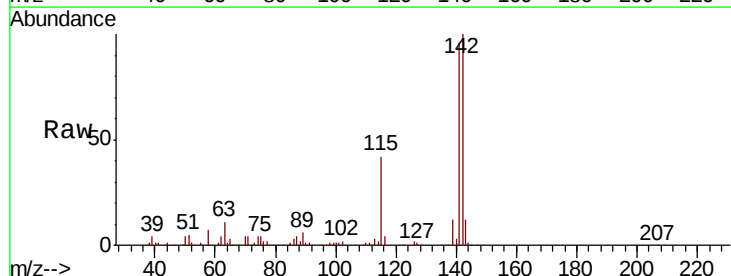
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 20.517 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.3	114.5
116	4.3	3.4	5.0

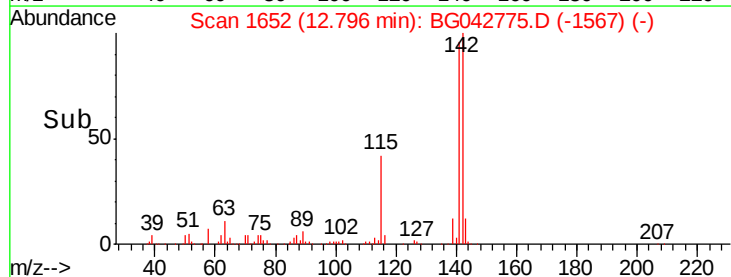
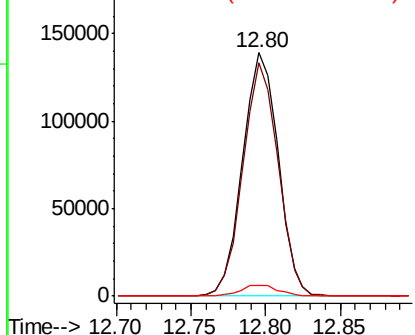


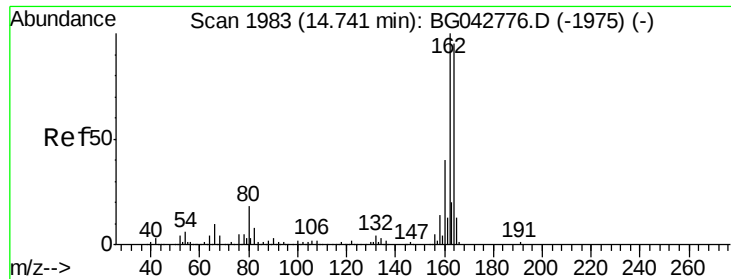
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

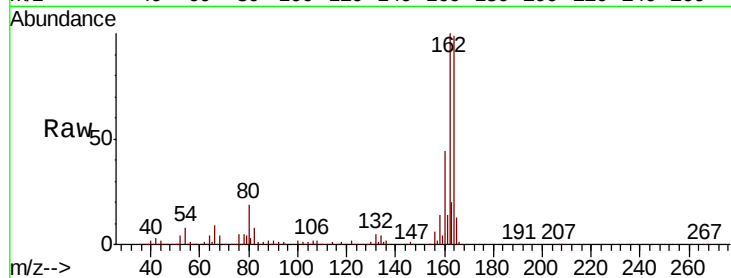
Tot Ion:164 Resp: 224597

Ion Ratio Lower Upper

164 100

162 101.5 84.6 126.8

160 44.4 34.2 51.2

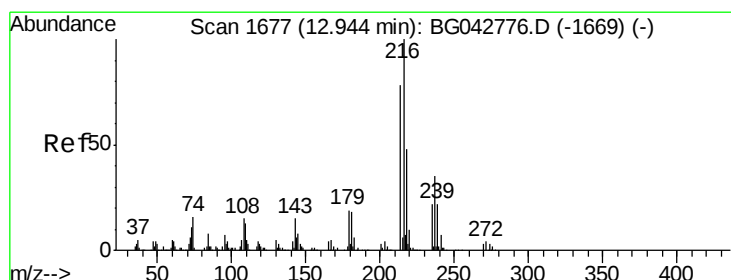
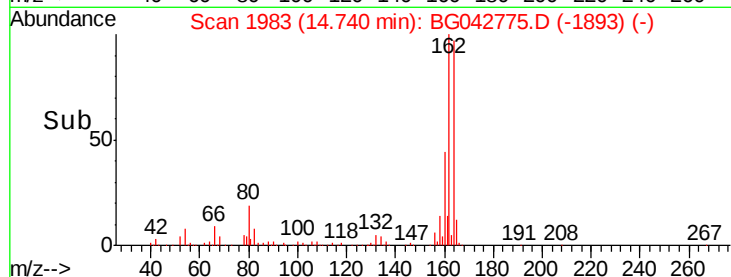
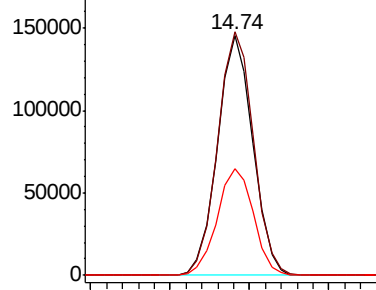


Abundance

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: 20.510 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Tgt Ion:216 Resp: 152631

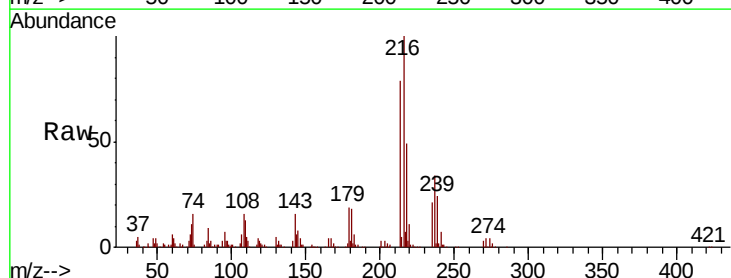
Ion Ratio Lower Upper

216 100

214 77.9 62.8 94.2

179 20.4 15.3 22.9

108 16.2 12.9 19.3



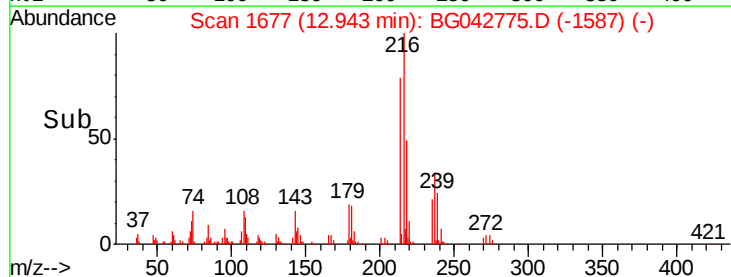
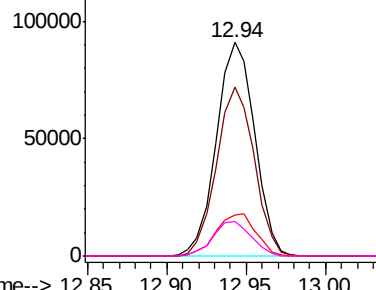
Abundance

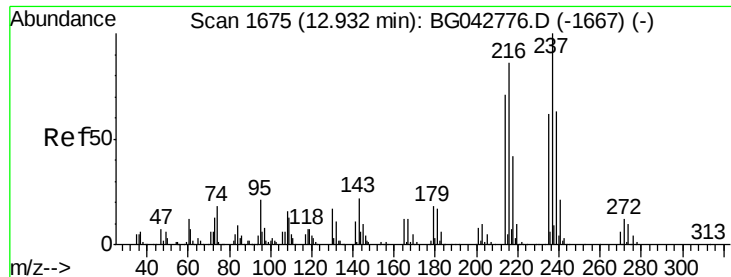
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.349 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

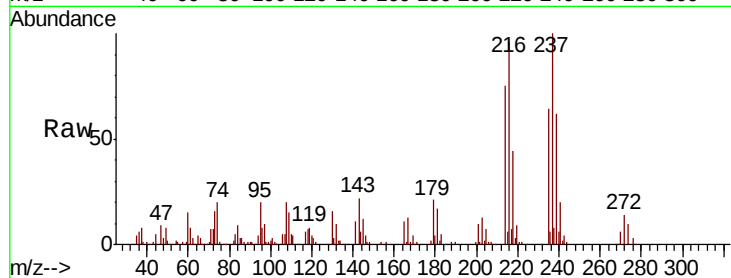
Tot Ion:237 Resp: 79012

Ion Ratio Lower Upper

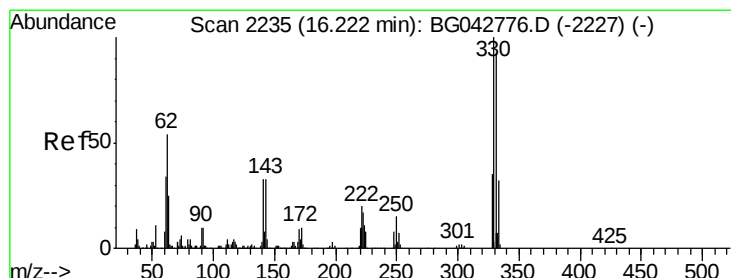
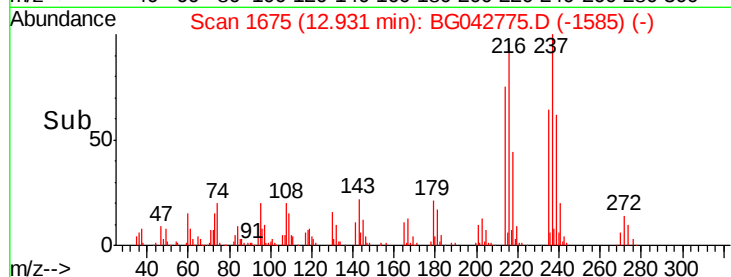
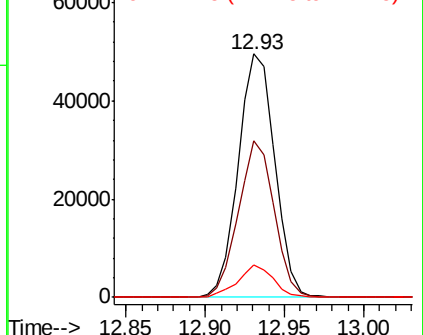
237 100

235 64.2 41.9 81.9

272 13.6 0.0 31.6



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: 42.120 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

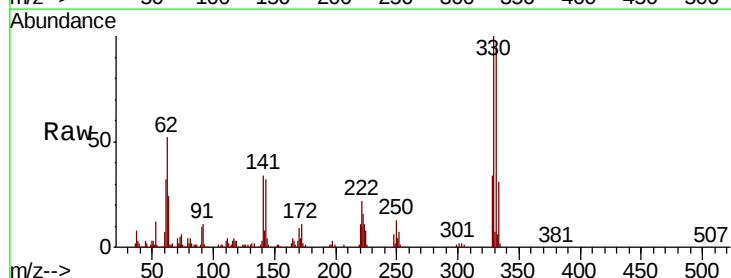
Tgt Ion:330 Resp: 119767

Ion Ratio Lower Upper

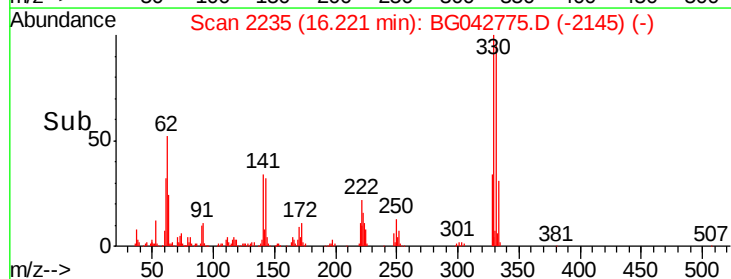
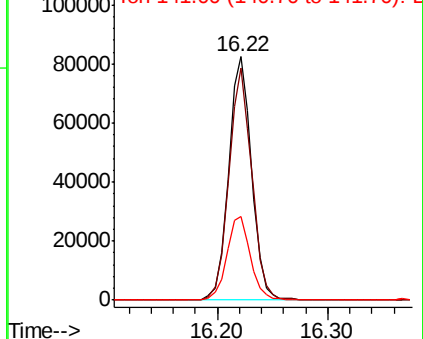
330 100

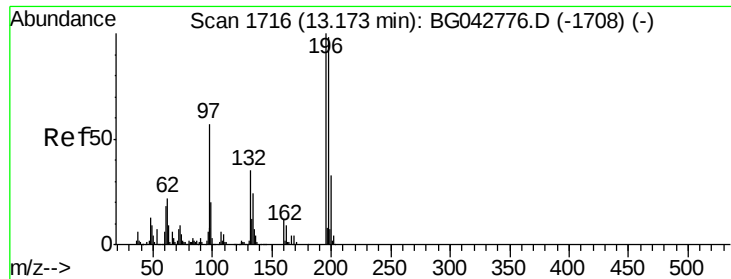
332 94.7 76.7 115.1

141 35.3 27.0 40.6



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

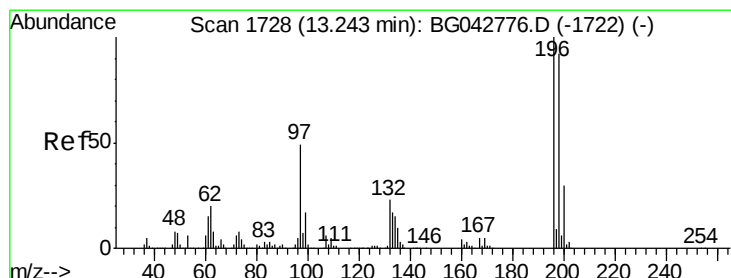
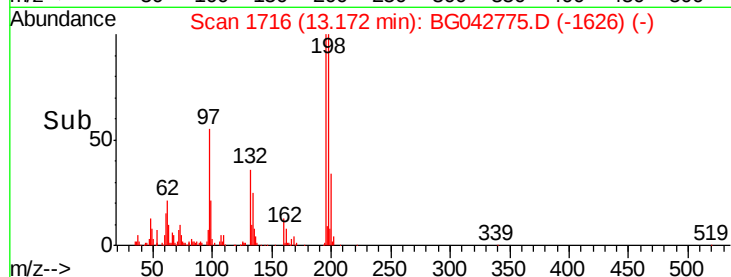
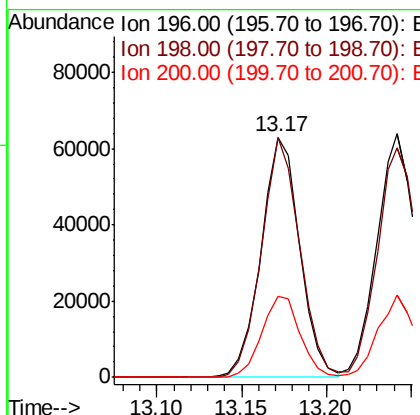
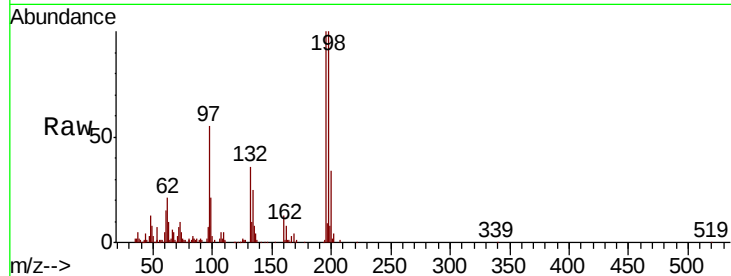




#43
 2,4,6-Trichlorophenol
 Concen: 21.136 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

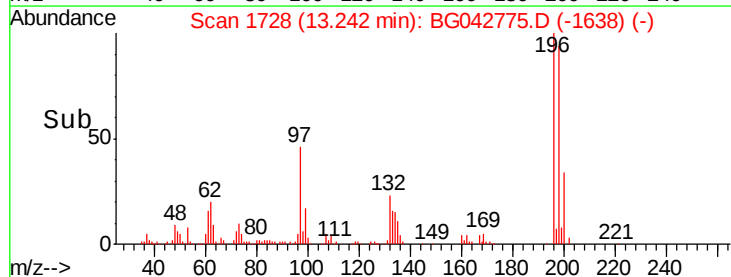
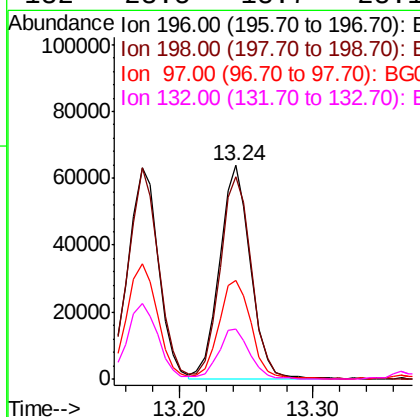
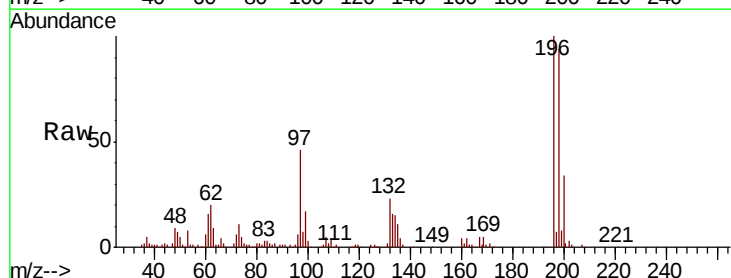
Instrument :
 BNA_G
 ClientSampleId :

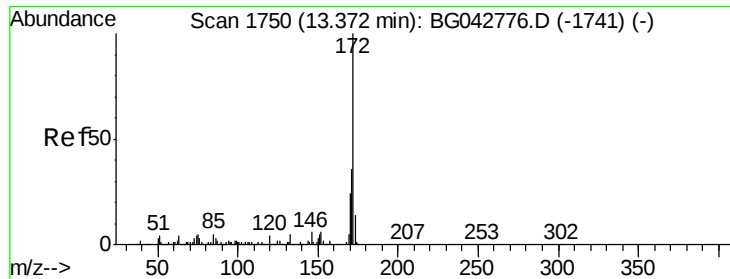
Tot Ion	196	198	200
Resp:	99136		
Ion Ratio	100	100.0	33.8
Lower		78.8	26.2
Upper		118.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 21.453 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042775.D
 Acq: 12 Sep 2019 9:53

Tgt Ion	196	198	97	132
Resp:	104266			
Ion Ratio	100	94.5	46.0	23.5
Lower		73.4	39.2	18.7
Upper		110.0	58.8	28.1

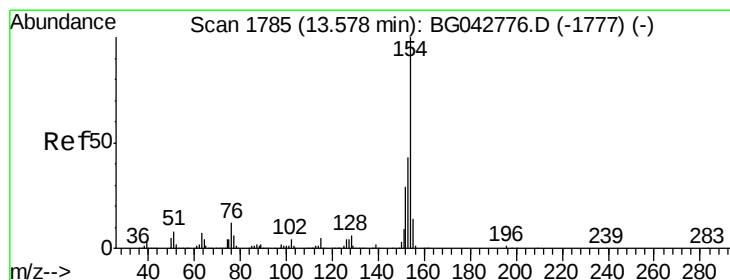
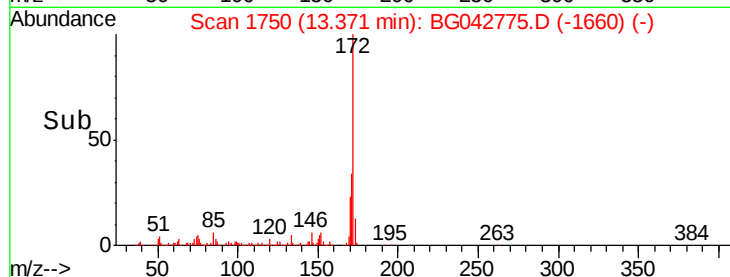
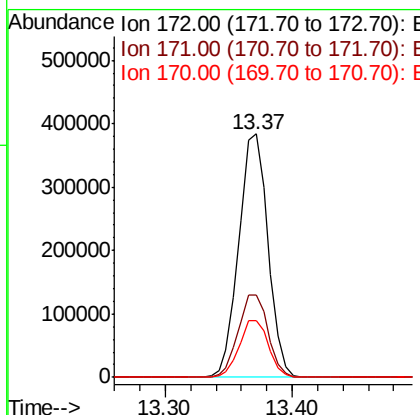
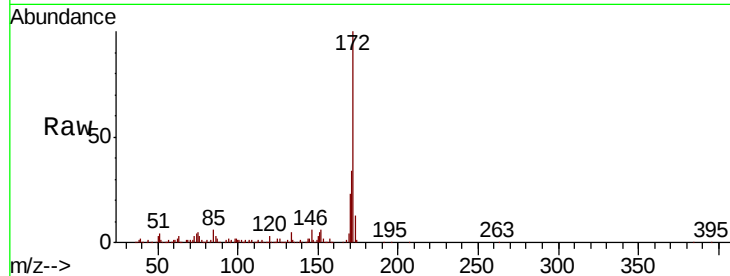




#45
2-Fluorobiphenyl
Concen: 43.138 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

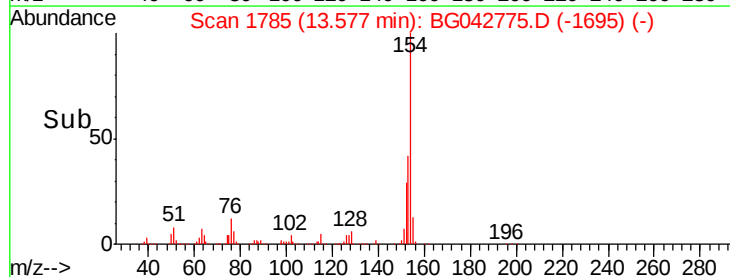
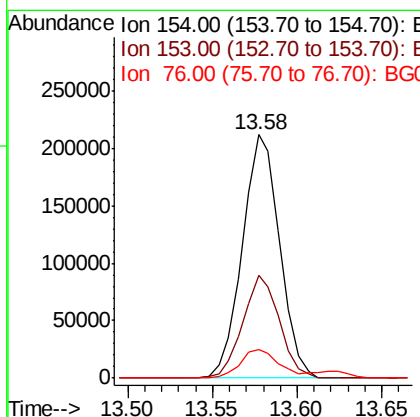
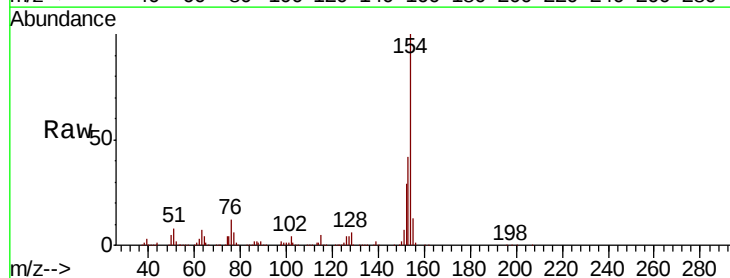
Instrument :
BNA_G
ClientSampleId :

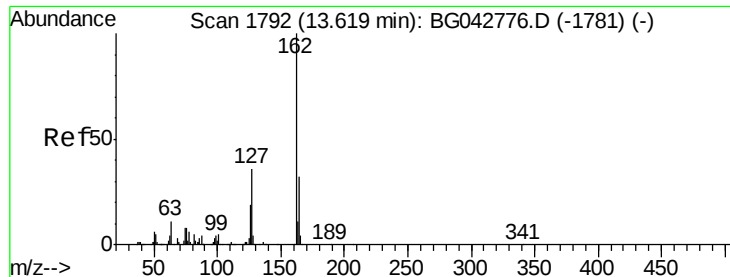
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.9	43.3
170	23.2	19.1	28.7



#46
1,1'-Biphenyl
Concen: 20.789 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.6	62.6
76	11.9	0.0	32.2





#47

2-Chloronaphthalene

Concen: 20.870 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

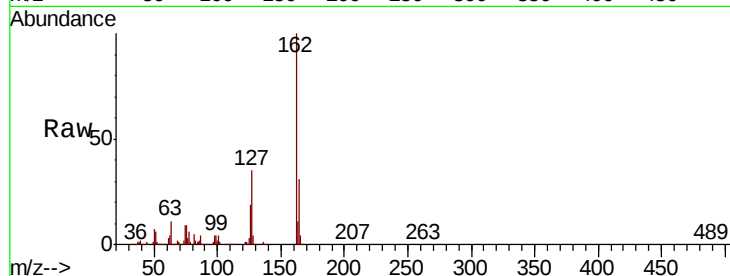
Tot Ion:162 Resp: 270047

Ion Ratio Lower Upper

162 100

127 35.1 29.3 43.9

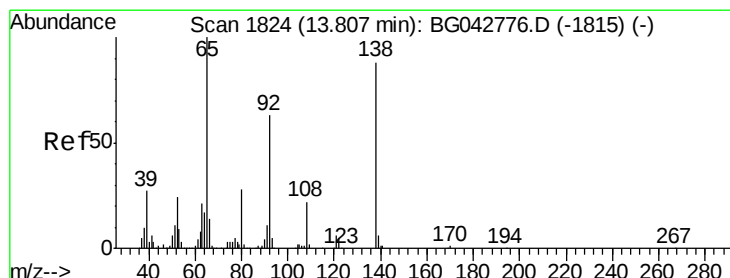
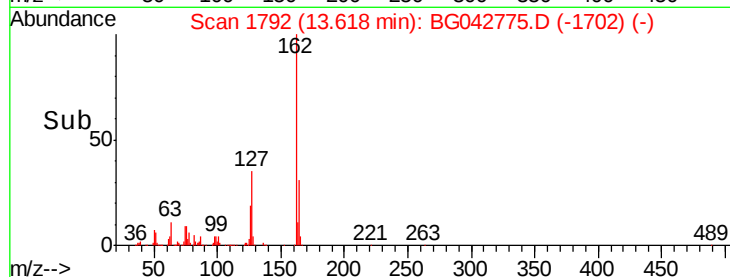
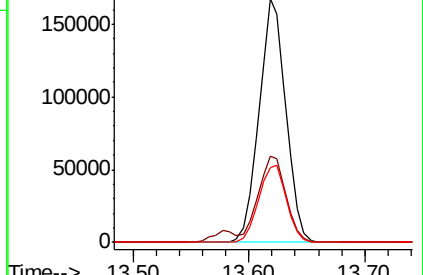
164 30.7 26.0 39.0



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: 22.962 ng

RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

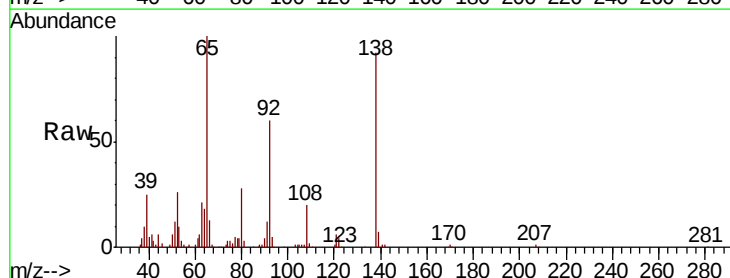
Tgt Ion: 65 Resp: 84618

Ion Ratio Lower Upper

65 100

92 59.8 50.4 75.6

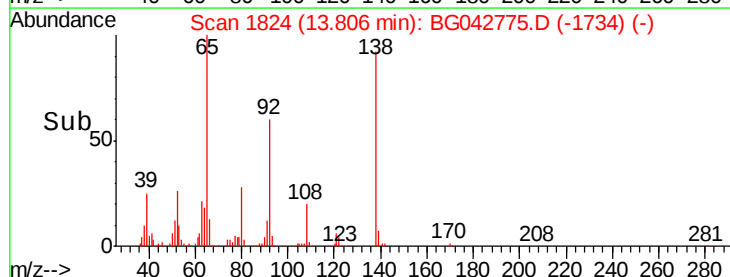
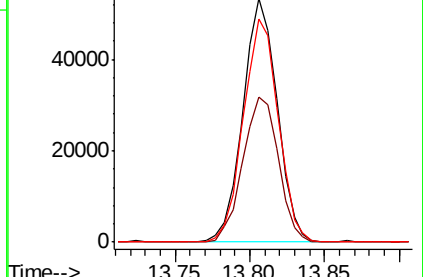
138 91.9 70.6 106.0

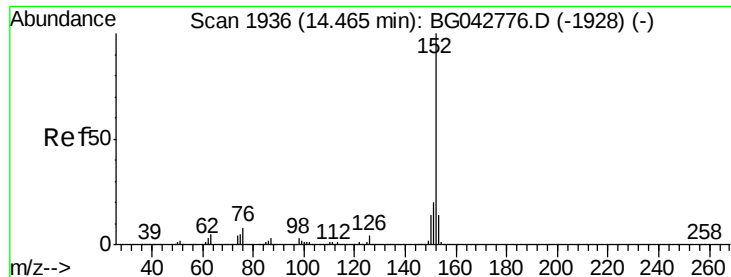


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.038 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

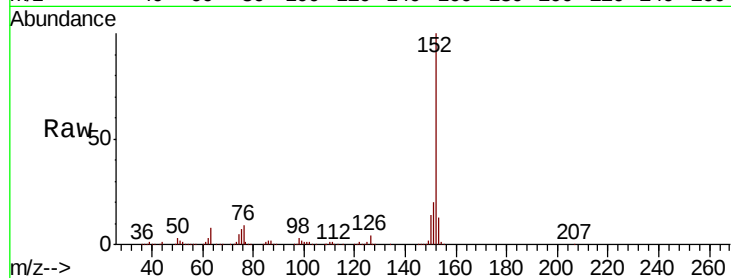
Tot Ion:152 Resp: 419657

Ion Ratio Lower Upper

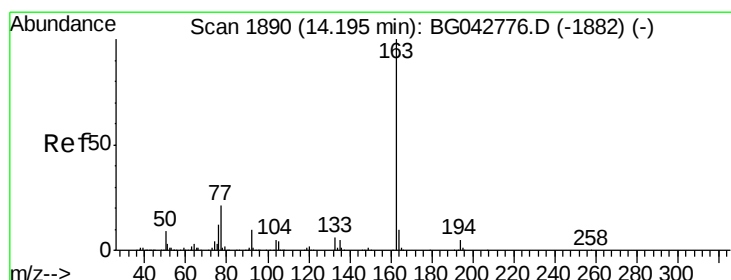
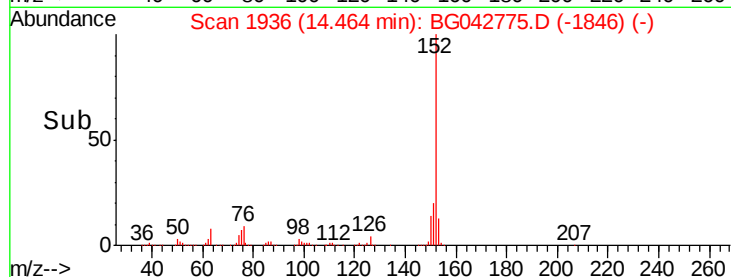
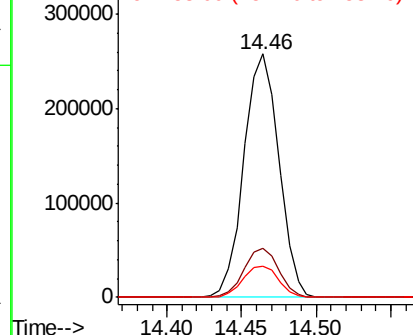
152 100

151 19.9 16.0 24.0

153 13.0 11.4 17.0



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: 21.316 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

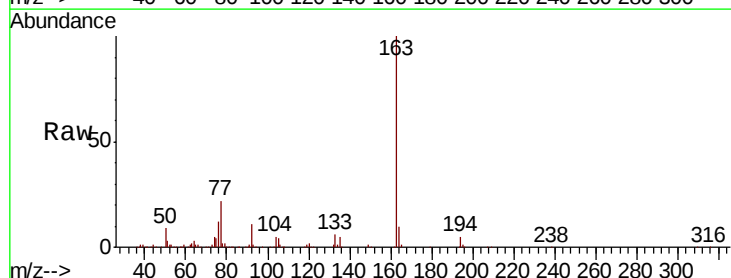
Tgt Ion:163 Resp: 357517

Ion Ratio Lower Upper

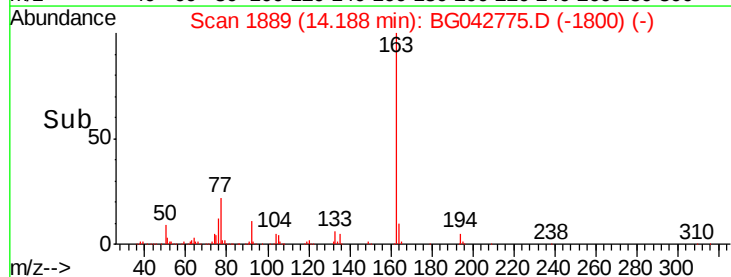
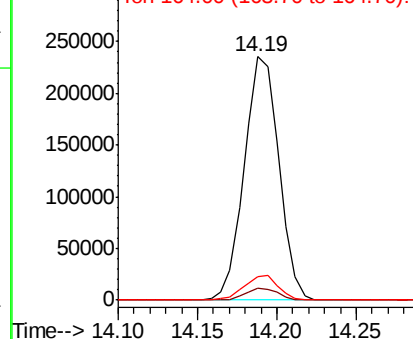
163 100

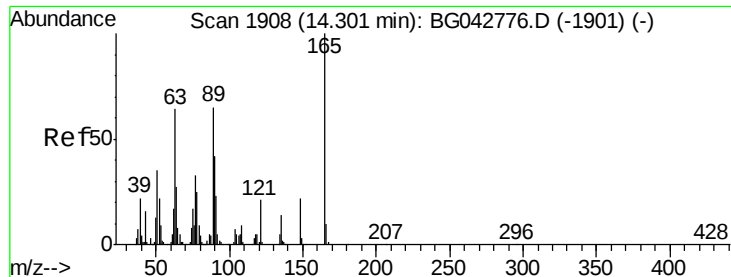
194 4.7 4.2 6.4

164 9.8 8.4 12.6



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: 23.215 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

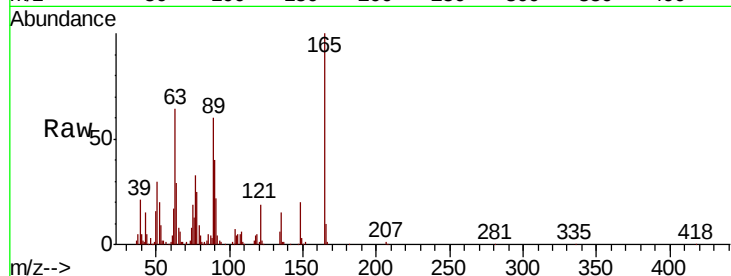
Tot Ion:165 Resp: 66842

Ion Ratio Lower Upper

165 100

63 63.7 52.1 78.1

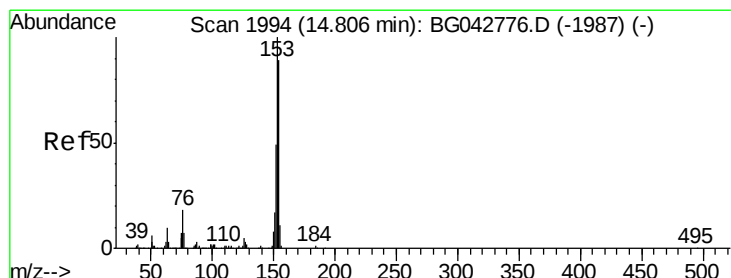
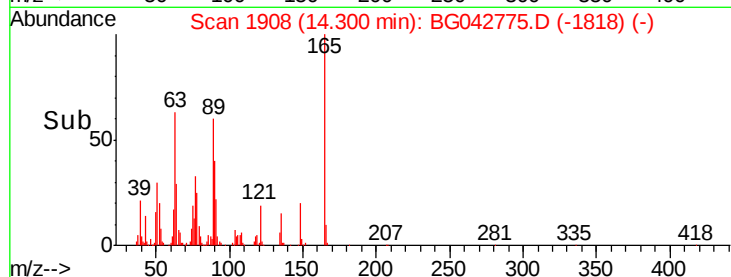
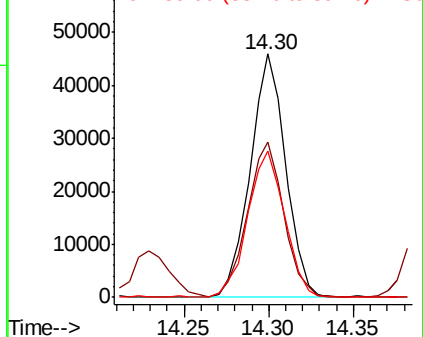
89 60.2 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 20.873 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

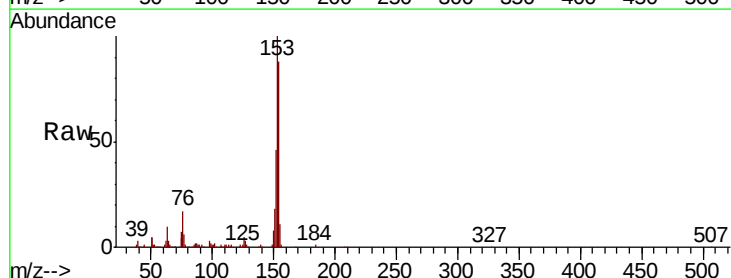
Tgt Ion:154 Resp: 266245

Ion Ratio Lower Upper

154 100

153 113.2 89.4 134.2

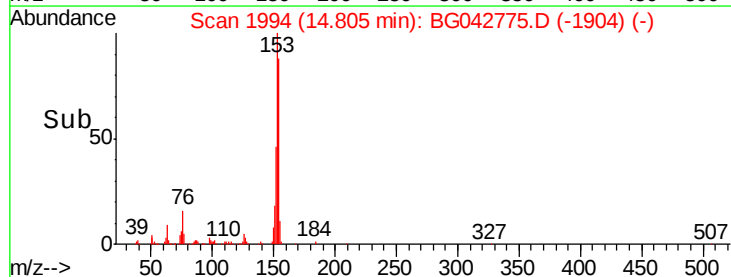
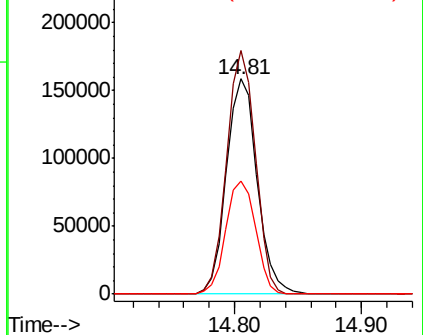
152 52.6 43.5 65.3

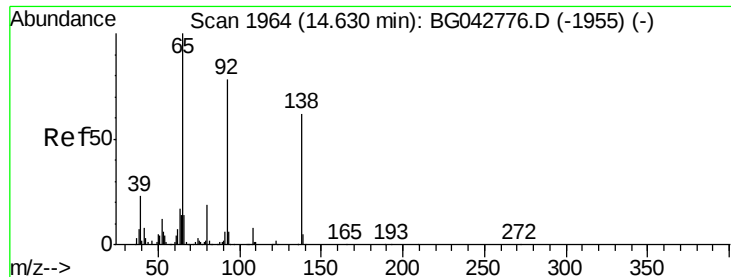


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

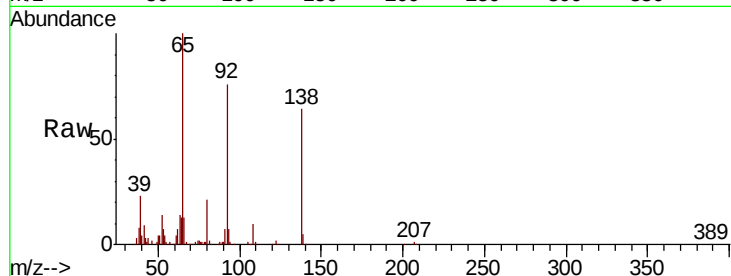




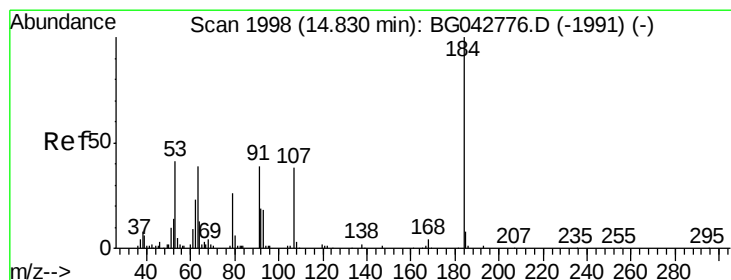
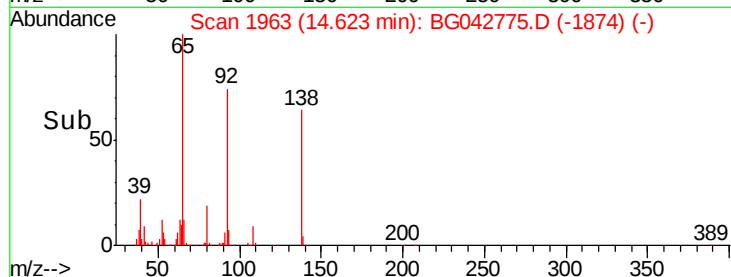
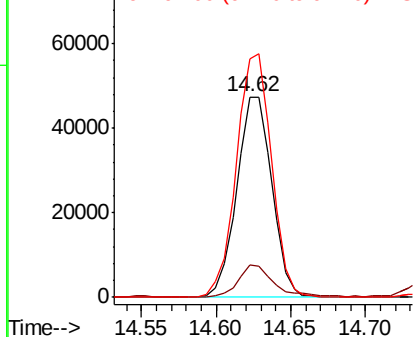
#53
3-Nitroaniline
Concen: 23.155 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 77525
Ion Ratio Lower Upper
138 100
108 16.0 10.7 16.1
92 118.9 100.5 150.7

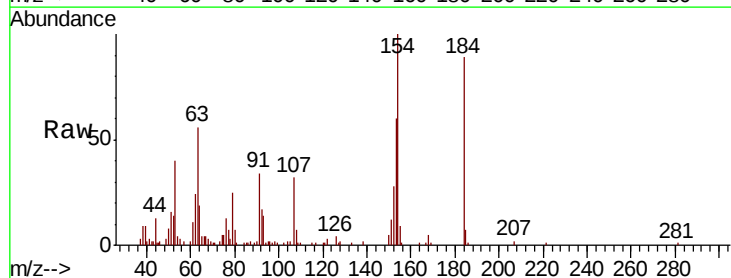


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

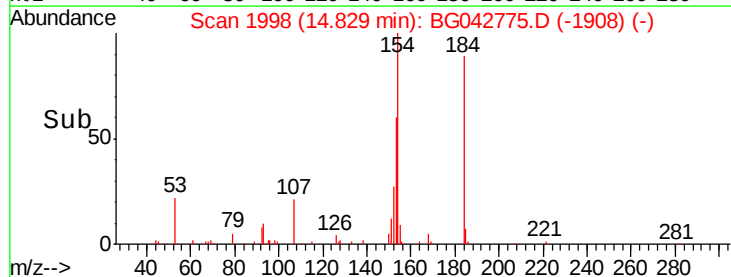
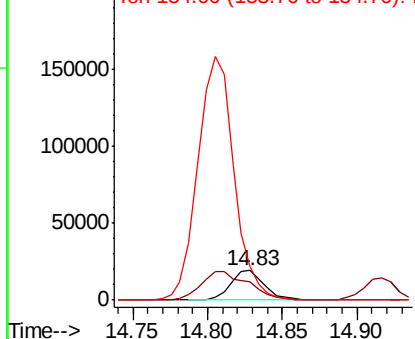


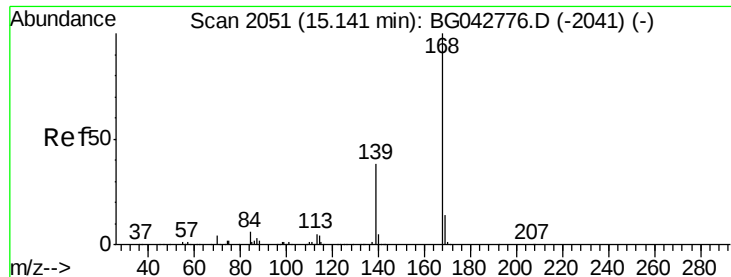
#54
2,4-Dinitrophenol
Concen: 21.764 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion:184 Resp: 30673
Ion Ratio Lower Upper
184 100
63 63.1 46.2 69.4
154 111.9 81.3 121.9



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

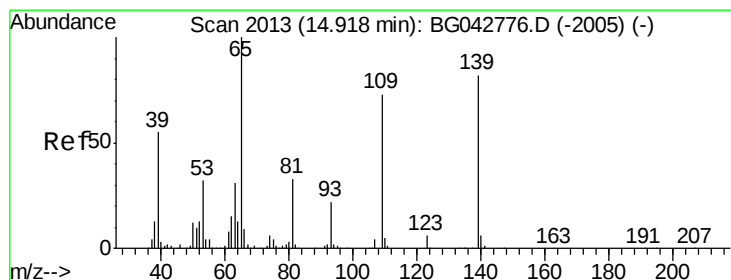
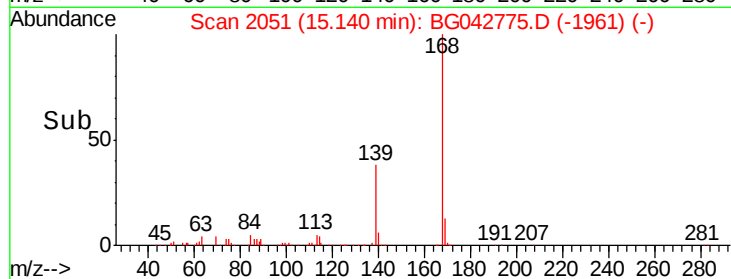
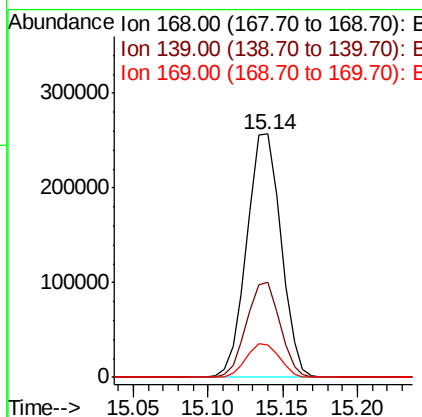
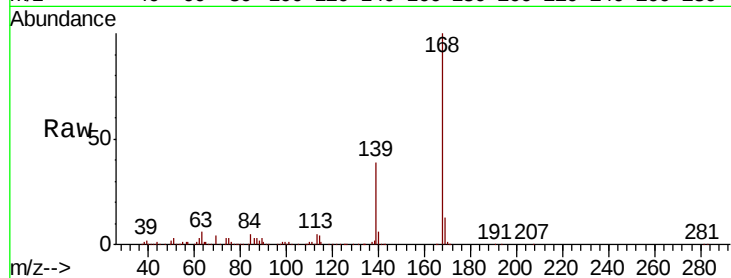




#55
Dibenzenofuran
Concen: 21.085 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

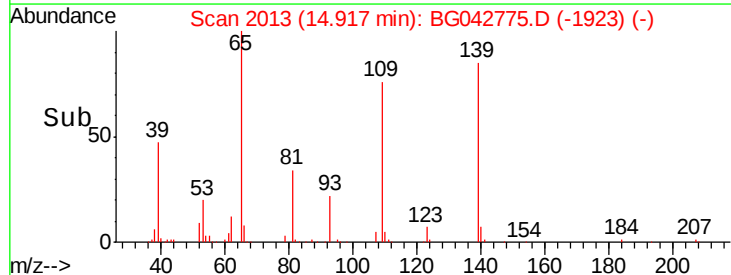
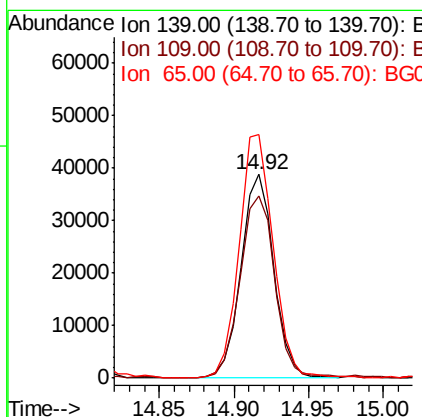
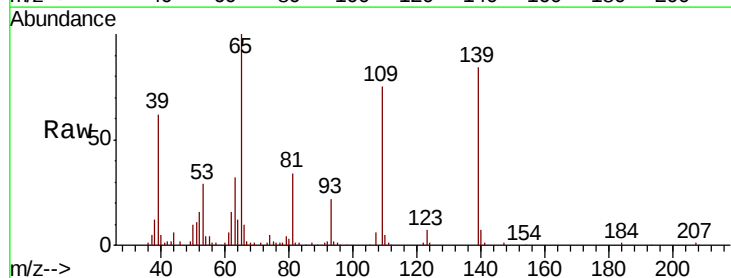
Instrument :
BNA_G
ClientSampleId :

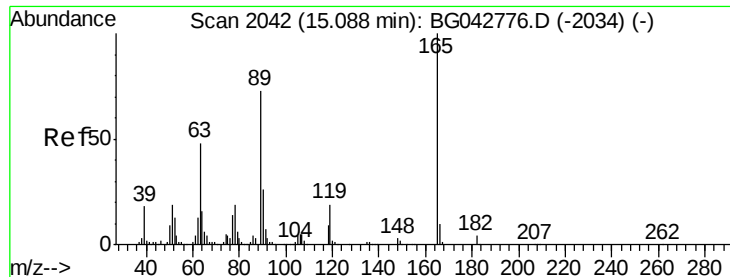
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.2	45.4
169	13.1	11.2	16.8



#56
4-Nitrophenol
Concen: 22.207 ng
RT: 14.92 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.2	69.4	109.4
65	119.6	102.5	142.5

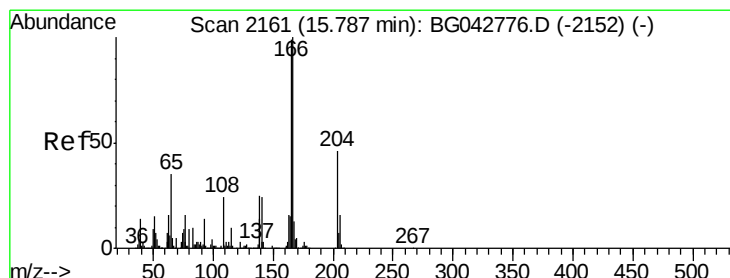
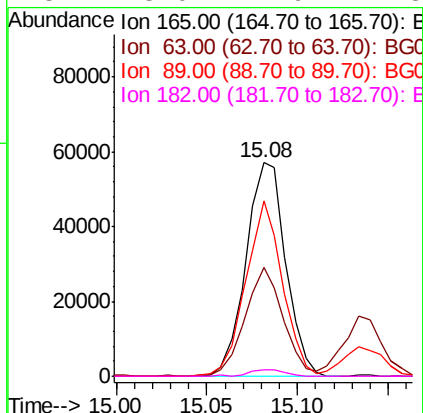
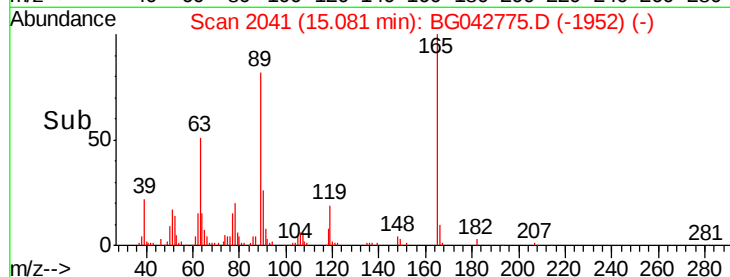
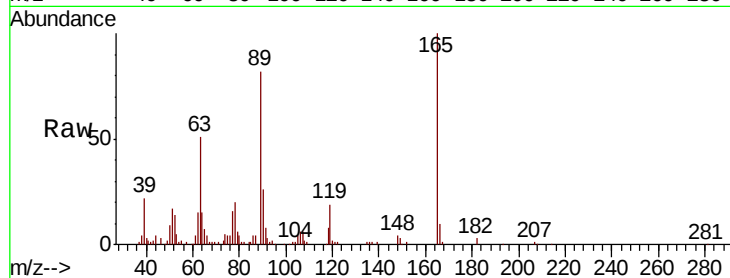




#57
2,4-Dinitrotoluene
Concen: 23.786 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

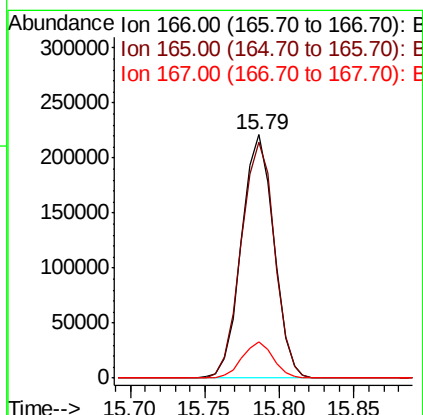
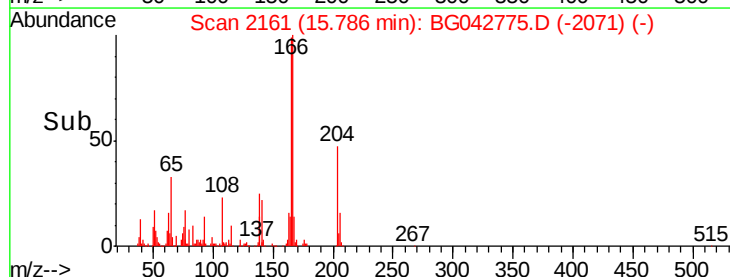
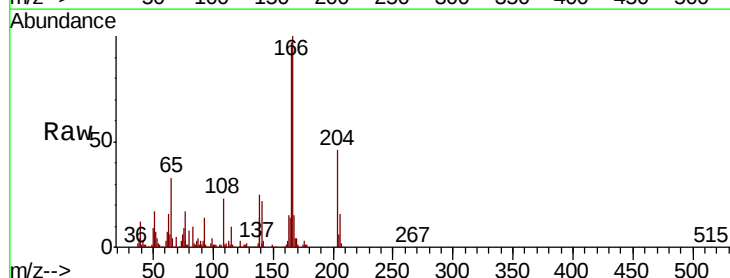
Instrument :
BNA_G
ClientSampleId :

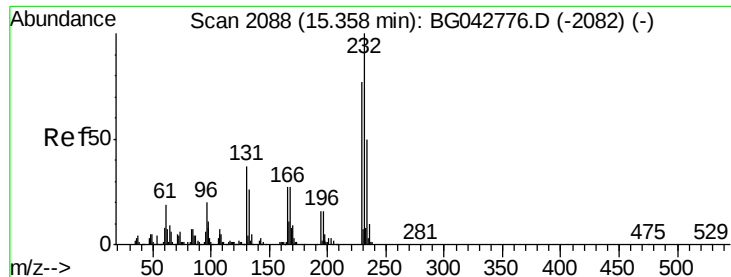
Tot Ion:165 Resp: 86818
Ion Ratio Lower Upper
165 100
63 51.2 38.3 57.5
89 82.1 58.4 87.6
182 3.0 2.9 4.3



#58
Fluorene
Concen: 20.867 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion:166 Resp: 333096
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 21.314 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

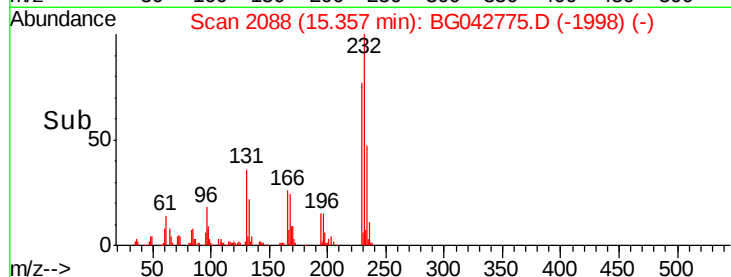
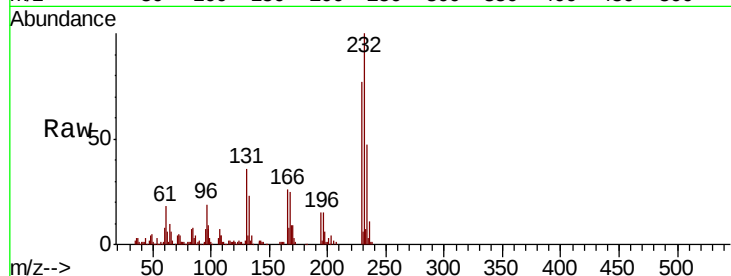
Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 100549

Ion	Ratio	Lower	Upper
232	100		
131	40.2	31.1	46.7
130	2.1	1.8	2.6
166	26.8	21.7	32.5

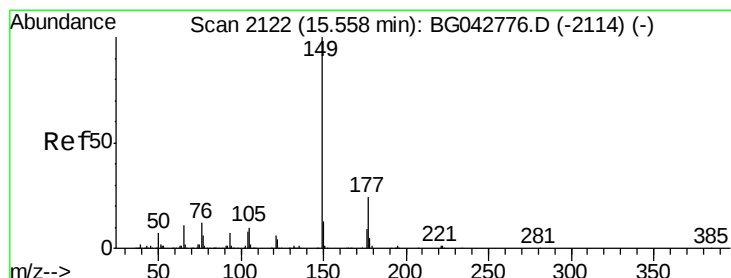
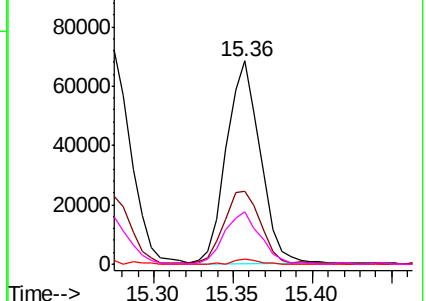


Abundance Ion 232.00 (231.70 to 232.70): E

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: 21.151 ng

RT: 15.55 min Scan# 2121

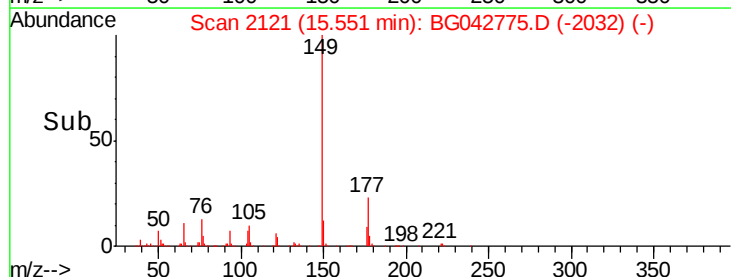
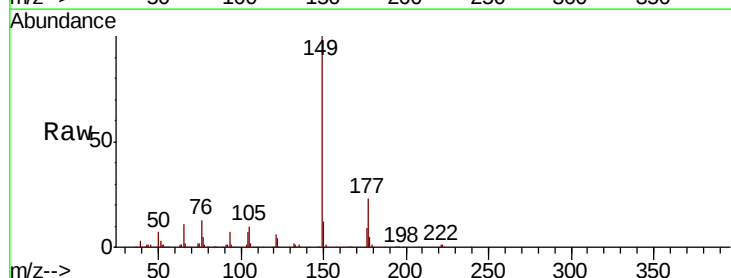
Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Tgt Ion:149 Resp: 360952

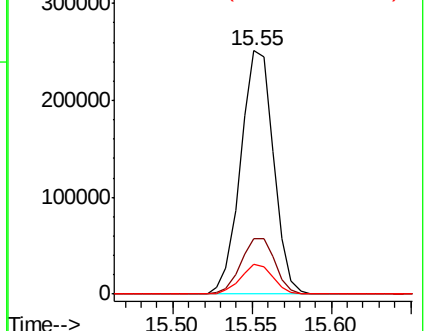
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.4	29.0
150	12.4	10.2	15.4

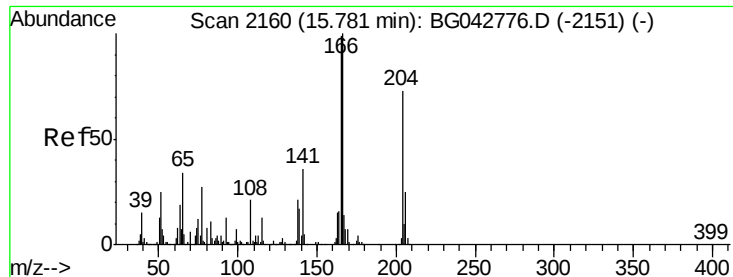


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

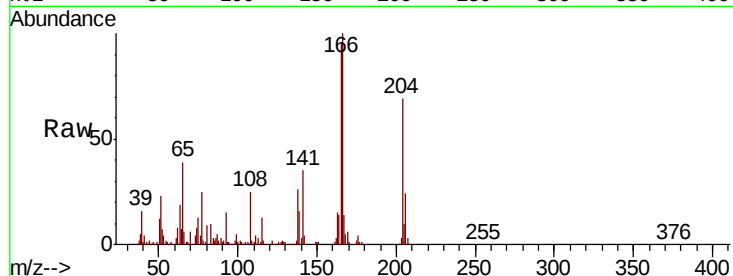




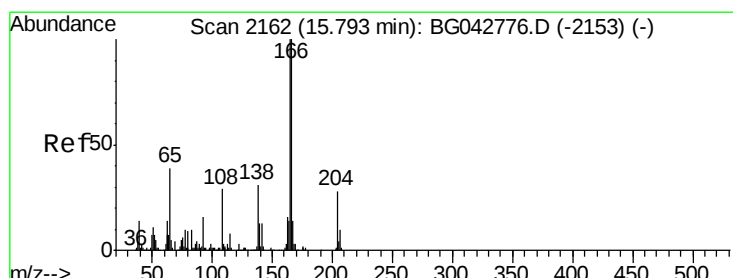
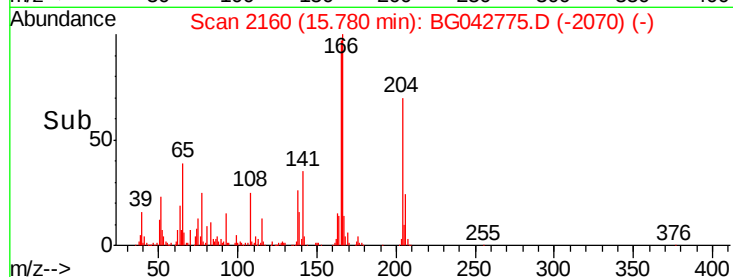
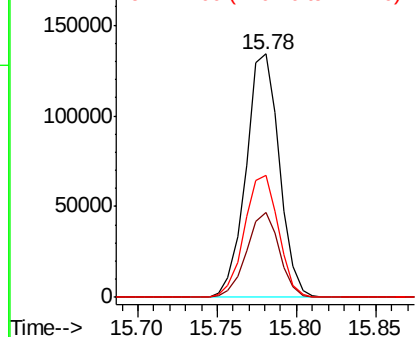
#61
4-Chlorophenyl-phenylether
Concen: 20.721 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	50.0	39.8	59.6

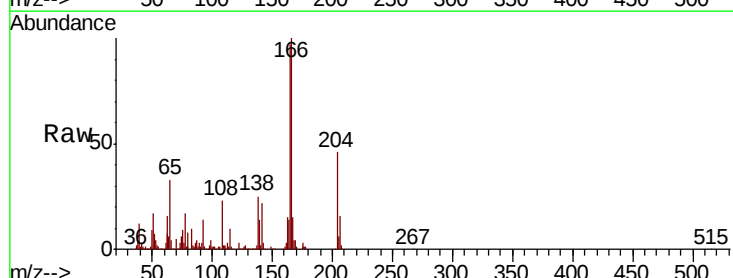


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

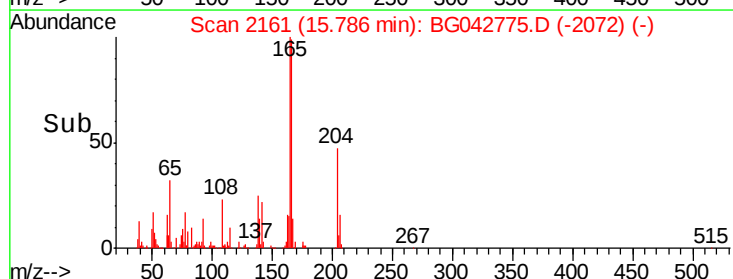
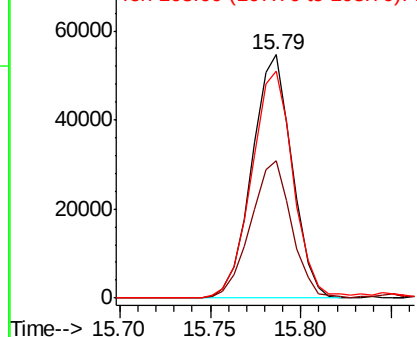


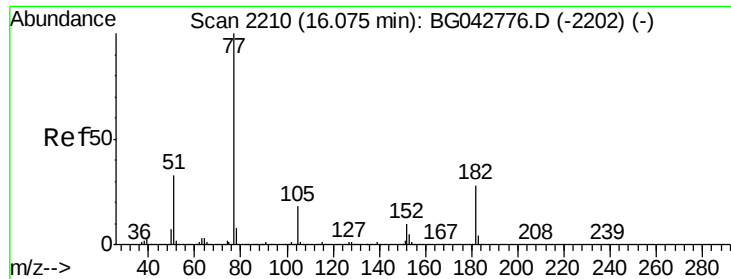
#62
4-Nitroaniline
Concen: 22.162 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	31.4	71.4
108	93.1	74.8	114.8



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





#63

Azobenzene

Concen: 21.019 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 346099

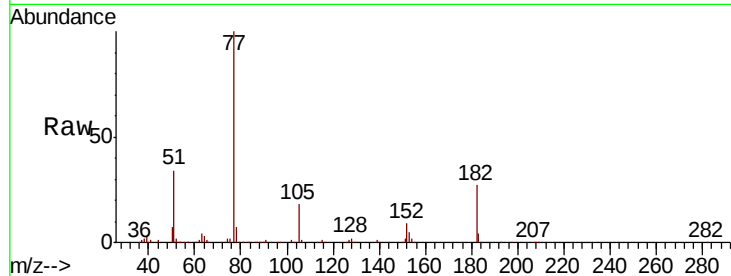
Ion Ratio Lower Upper

77 100

182 27.2 8.1 48.1

105 17.8 0.0 38.1

51 34.3 12.9 52.9

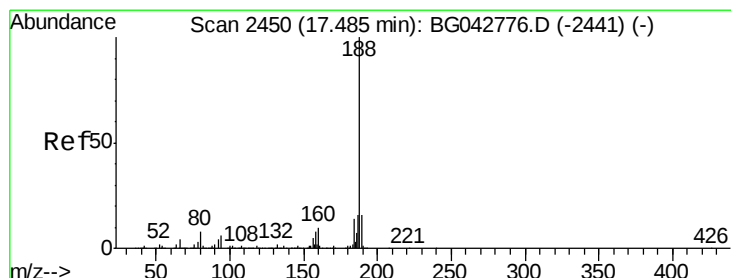
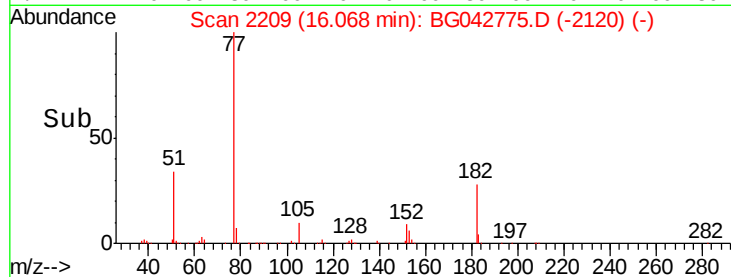
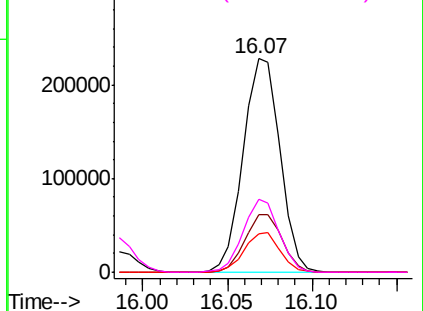


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

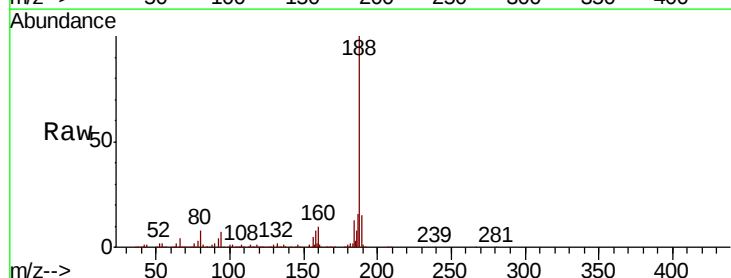
Tgt Ion: 188 Resp: 534724

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

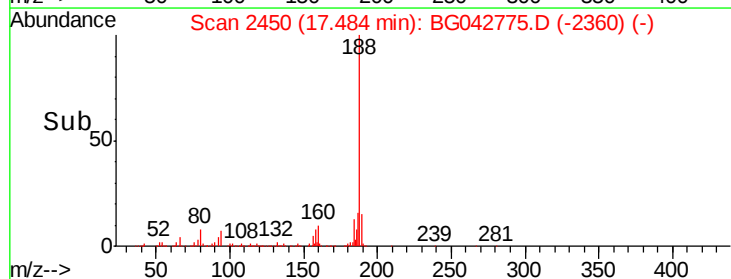
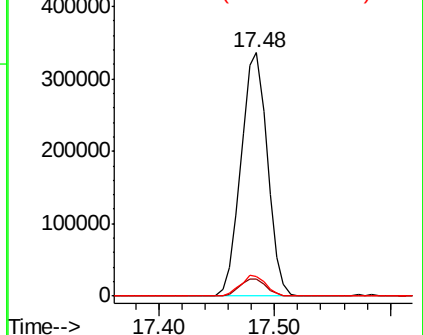
80 8.1 6.6 9.8

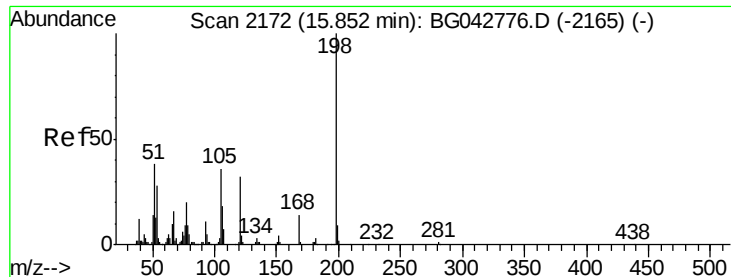


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.235 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

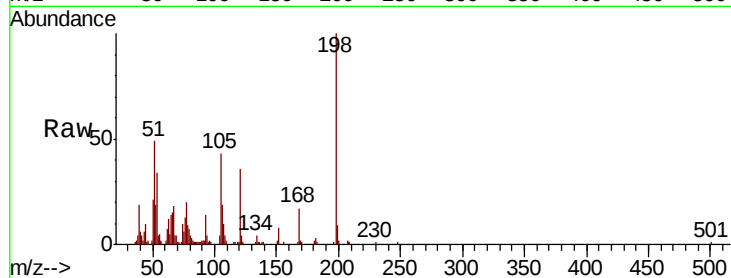
Tot Ion:198 Resp: 40934

Ion Ratio Lower Upper

198 100

51 48.6 20.9 60.9

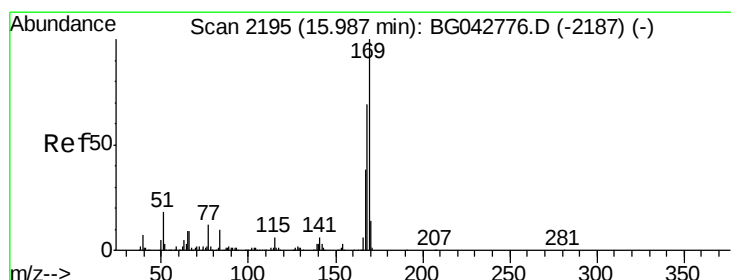
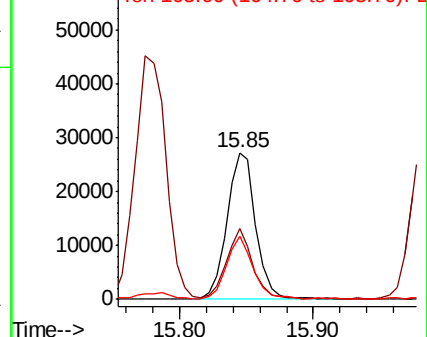
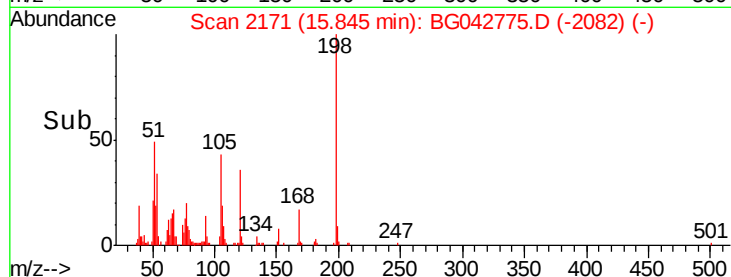
105 42.9 16.4 56.4



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: 20.817 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

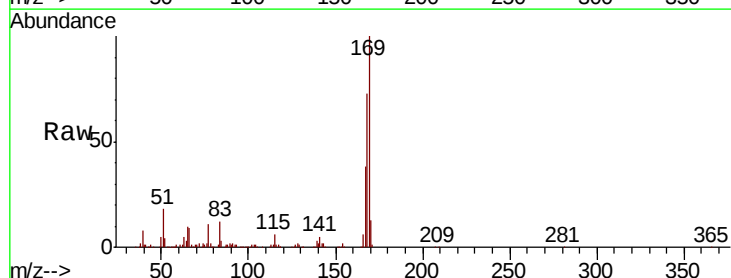
Tgt Ion:169 Resp: 301250

Ion Ratio Lower Upper

169 100

168 72.6 55.4 83.2

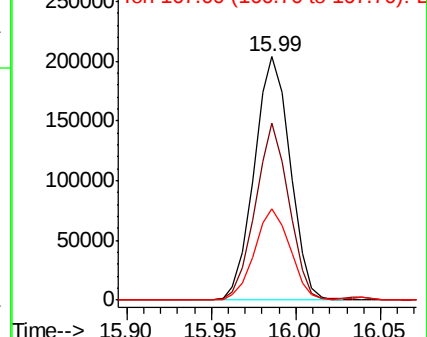
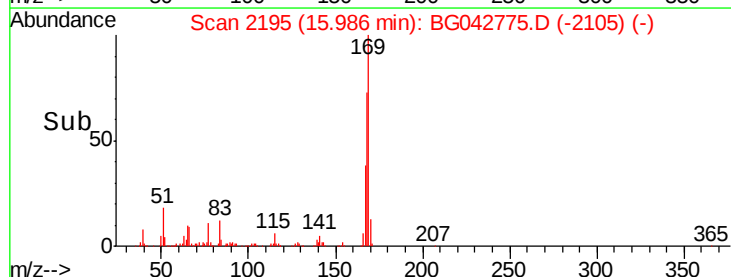
167 37.7 30.4 45.6

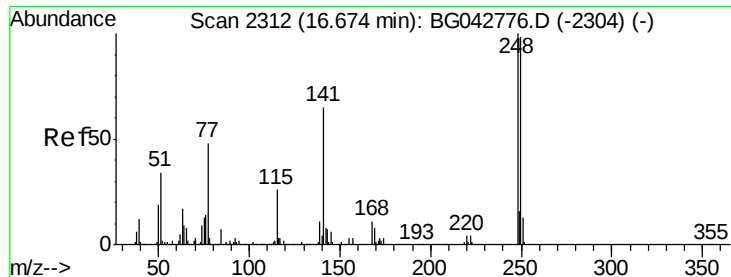


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

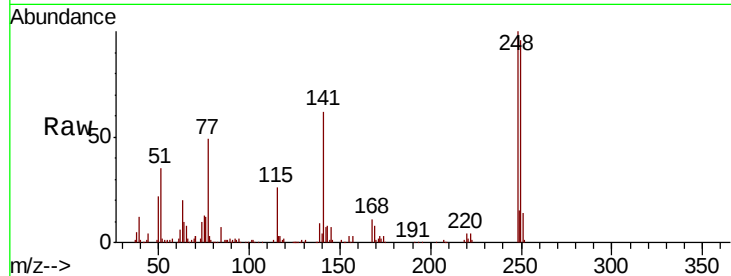




#67
4-Bromophenyl-phenylether
Concen: 20.401 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.0	117.0
141	61.7	51.8	77.6

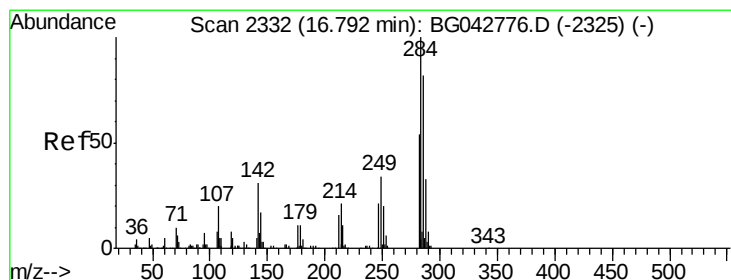
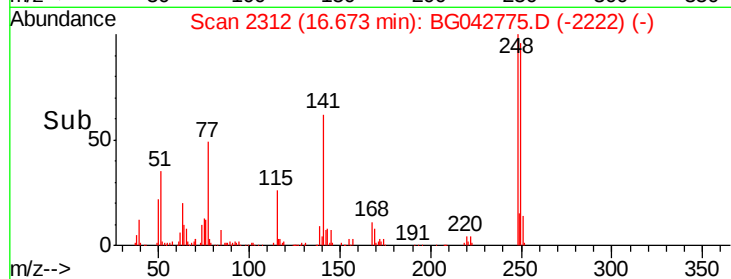
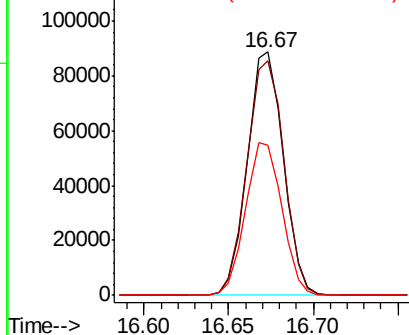


Abundance

Ion 248.00 (247.70 to 248.70): E

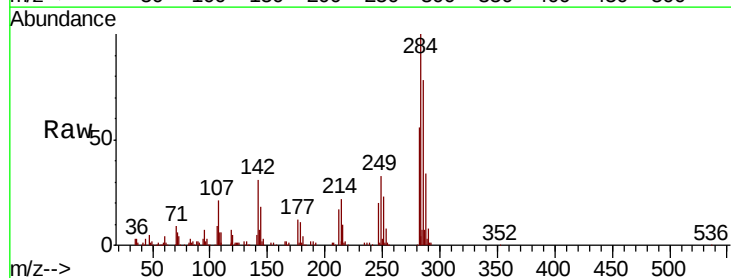
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 20.648 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.7	37.1
249	32.6	27.0	40.4

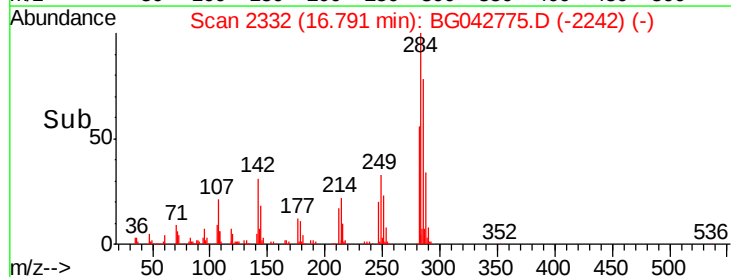
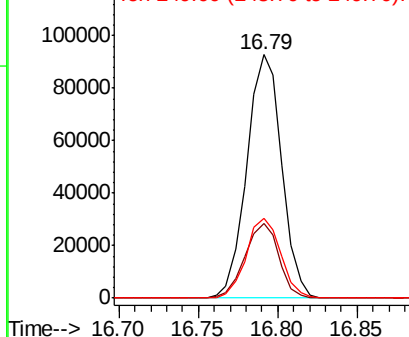


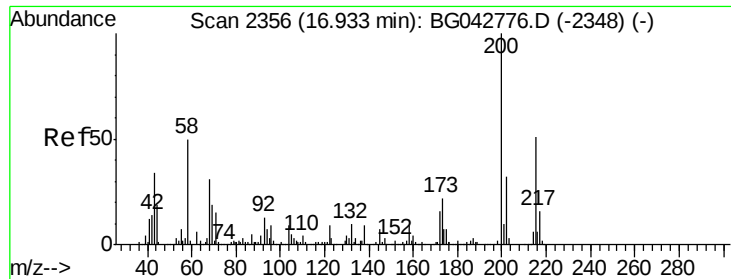
Abundance

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: 25.663 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

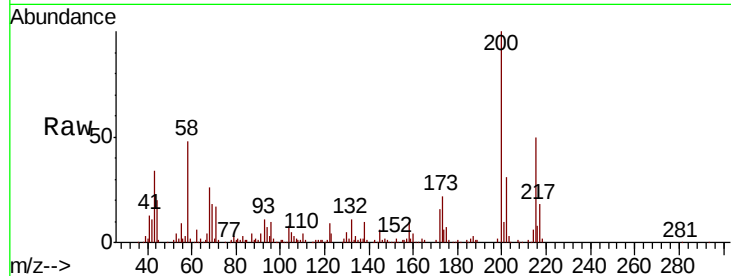
Tot Ion:200 Resp: 119204

Ion Ratio Lower Upper

200 100

173 21.8 2.5 42.5

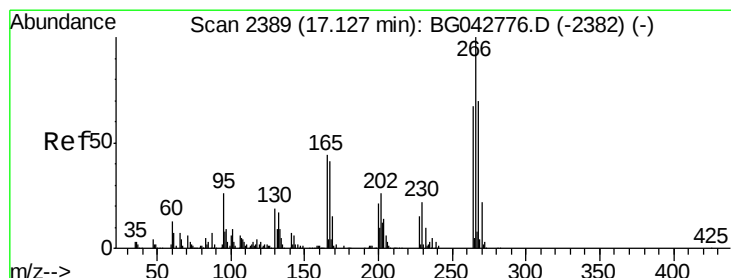
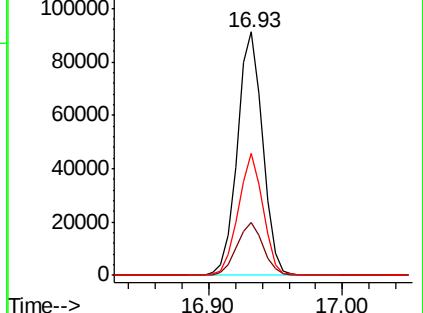
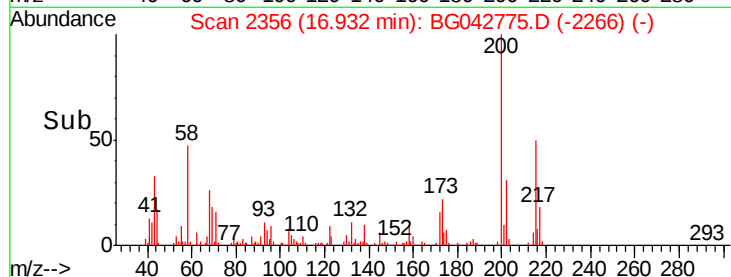
215 49.9 31.0 71.0



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: 22.325 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

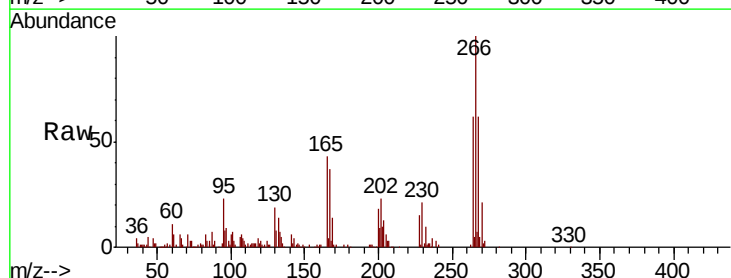
Tgt Ion:266 Resp: 86046

Ion Ratio Lower Upper

266 100

268 61.8 56.2 84.4

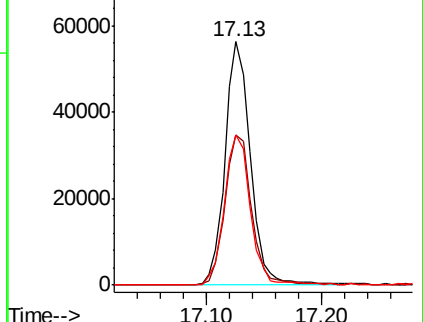
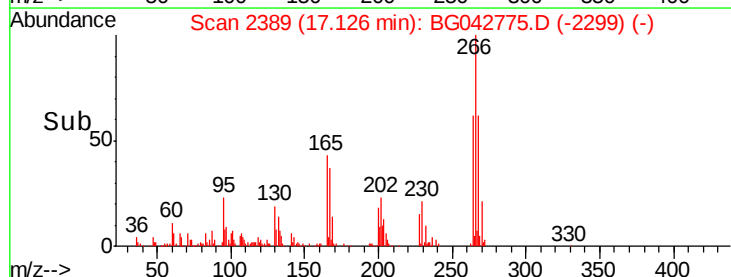
264 61.9 53.4 80.2

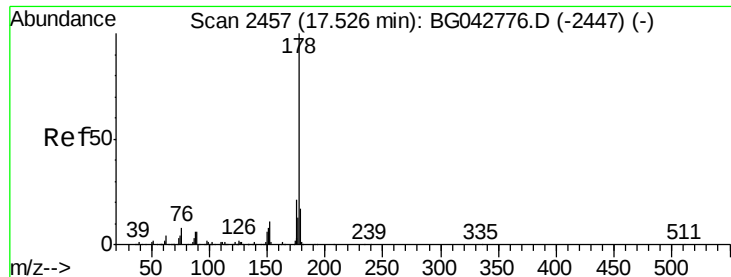


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.036 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

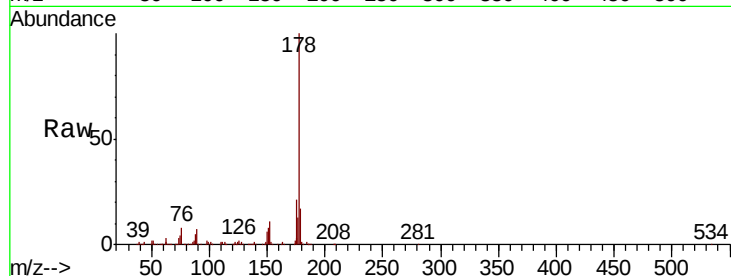
Tot Ion:178 Resp: 540652

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.4

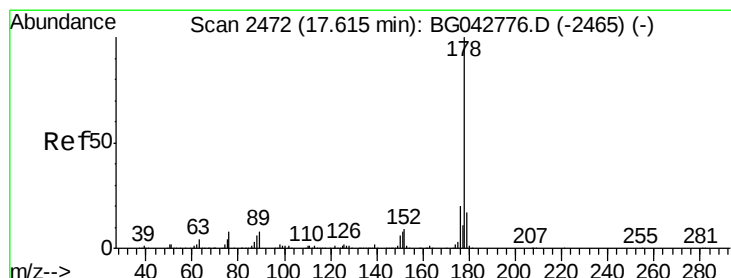
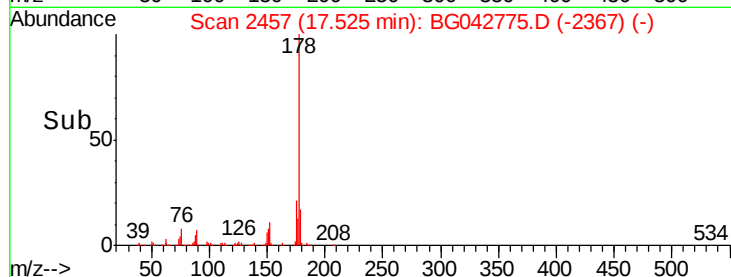
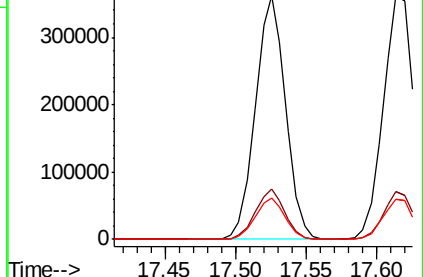
179 17.1 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.314 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

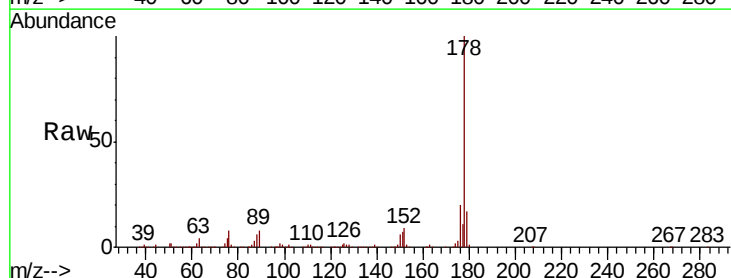
Tgt Ion:178 Resp: 548035

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

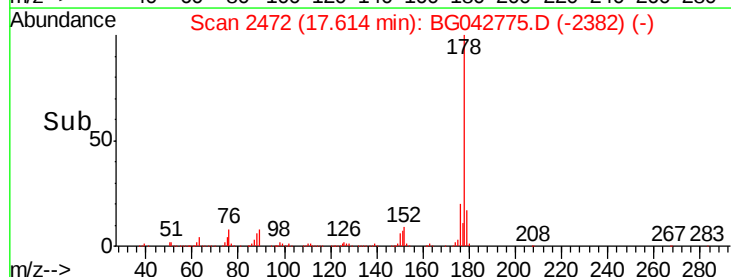
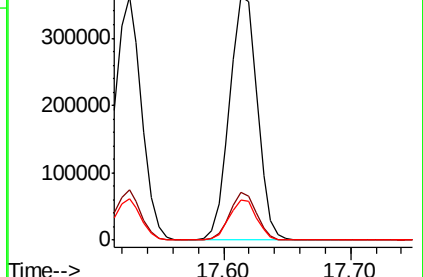
179 16.5 13.6 20.4

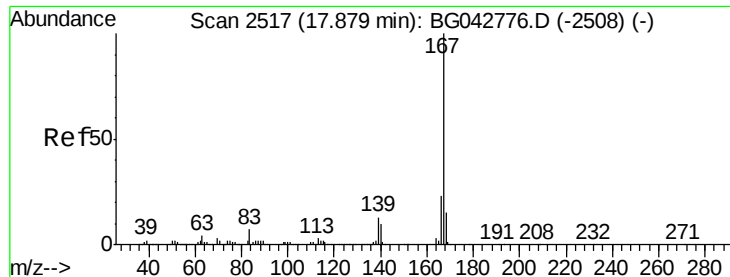


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.305 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

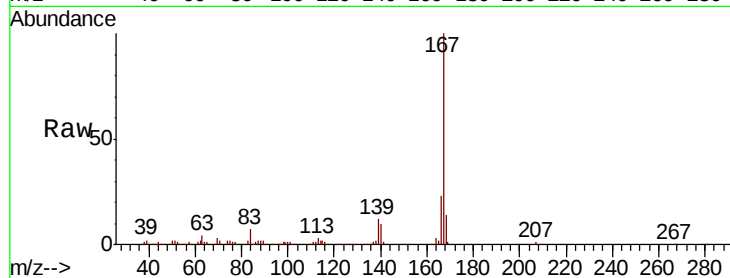
Tot Ion:167 Resp: 525207

Ion Ratio Lower Upper

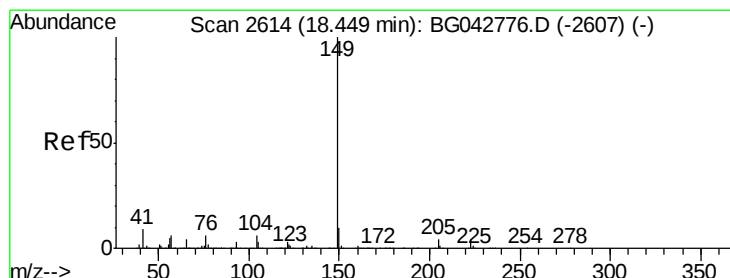
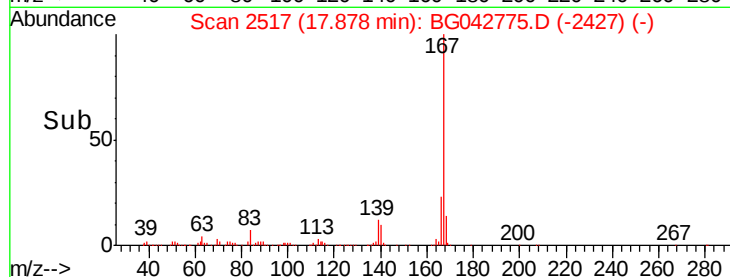
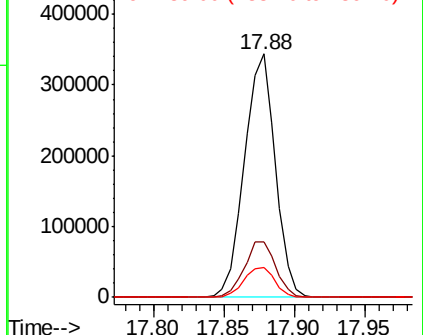
167 100

166 22.7 18.3 27.5

139 12.2 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 21.721 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

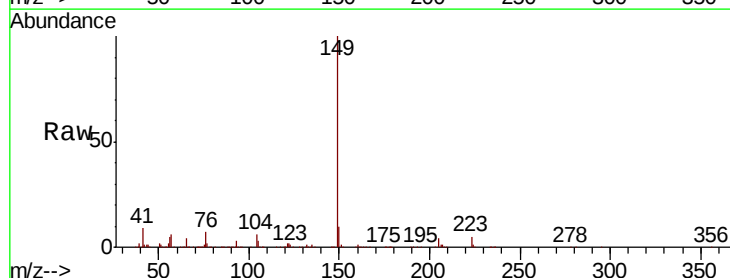
Tgt Ion:149 Resp: 641173

Ion Ratio Lower Upper

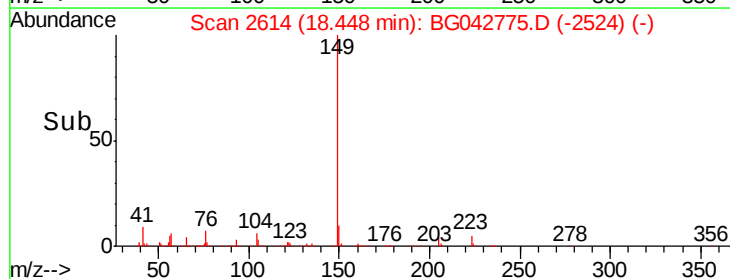
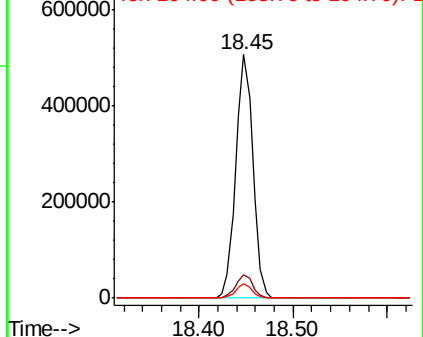
149 100

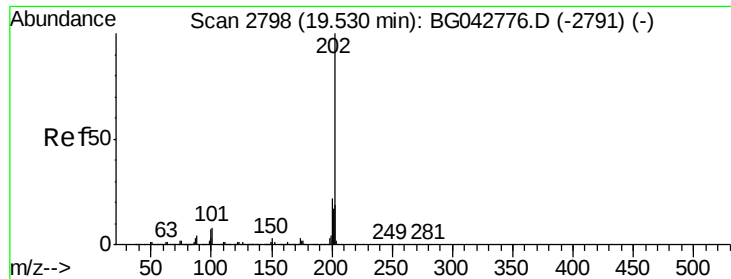
150 9.8 8.0 12.0

104 6.0 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.761 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042775.D

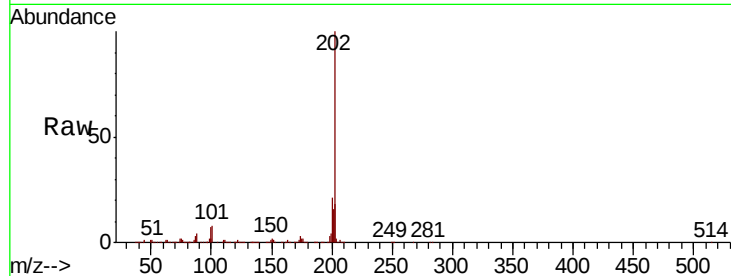
Acq: 12 Sep 2019 9:53

Instrument :

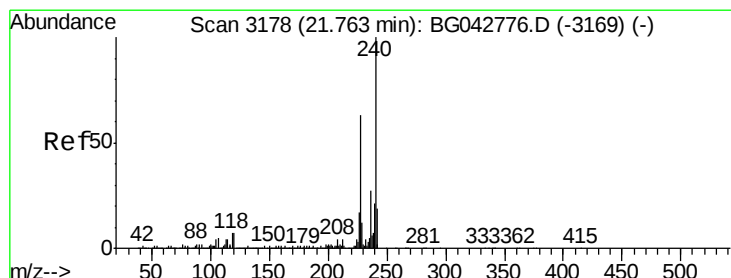
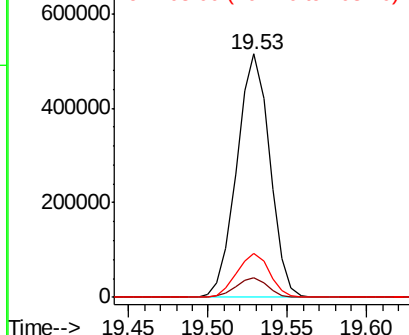
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	741051
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.8
203	18.3	0.0	39.1



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

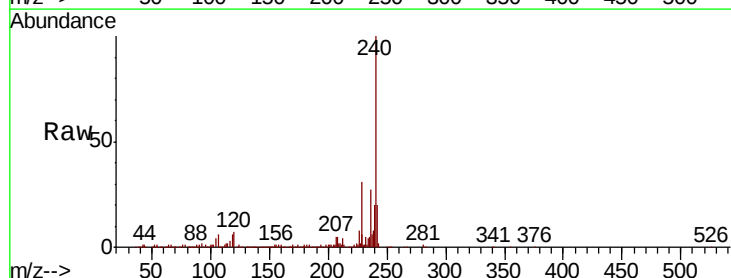
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

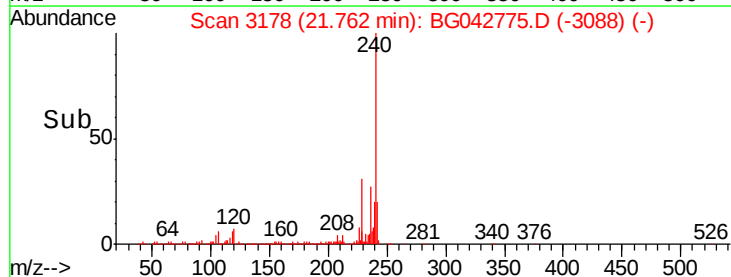
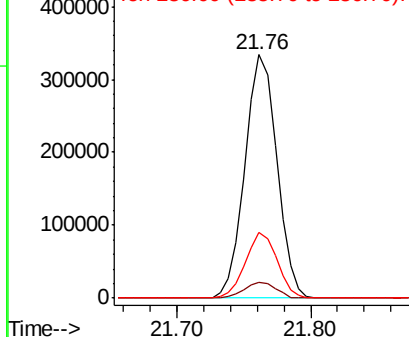
Lab File: BG042775.D

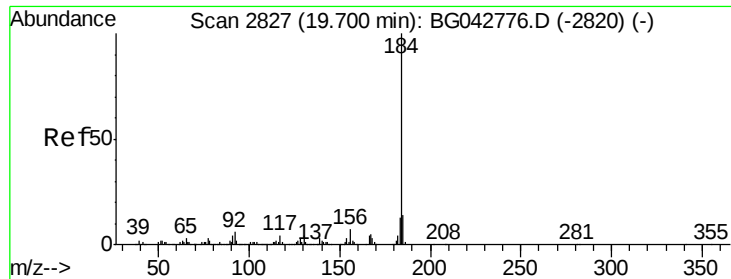
Acq: 12 Sep 2019 9:53

Tgt Ion:	240	Resp:	552326
Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.4	8.2
236	26.9	21.7	32.5



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: 20.923 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

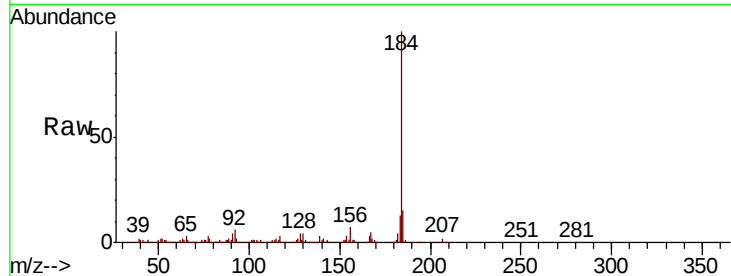
Tot Ion:184 Resp: 343151

Ion Ratio Lower Upper

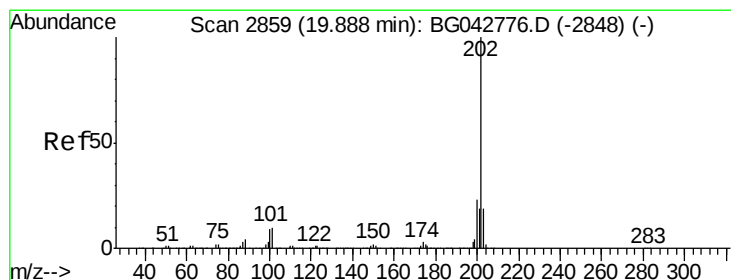
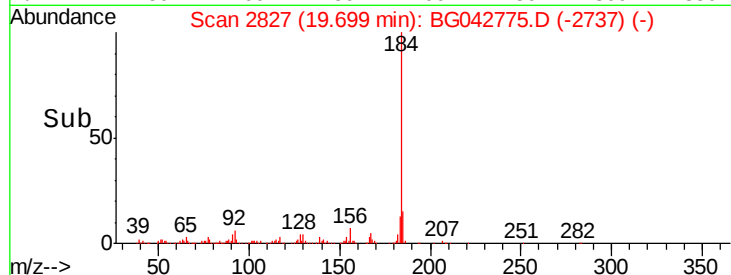
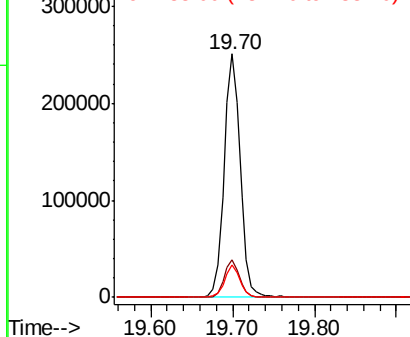
184 100

185 15.3 11.6 17.4

183 13.2 10.4 15.6



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: 21.660 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

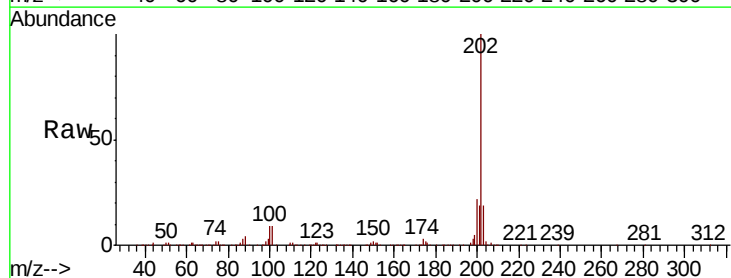
Tgt Ion:202 Resp: 746363

Ion Ratio Lower Upper

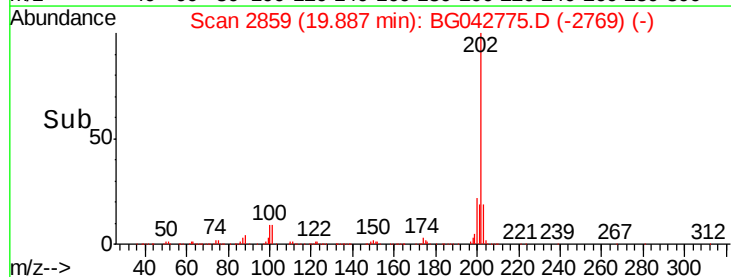
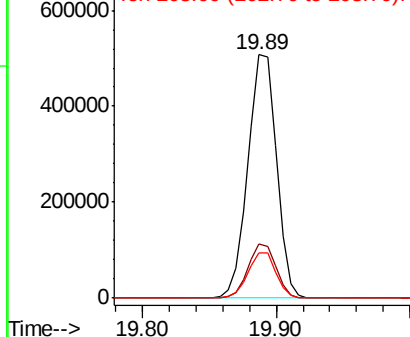
202 100

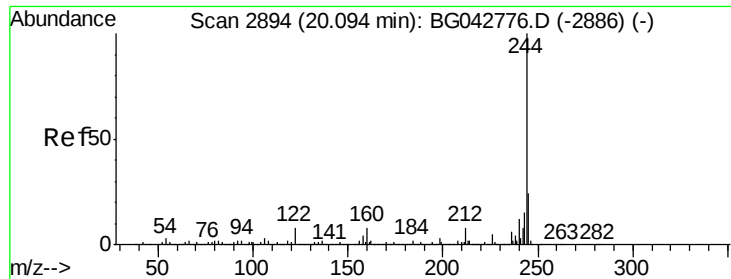
200 22.5 18.5 27.7

203 18.5 15.3 22.9



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: 45.531 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

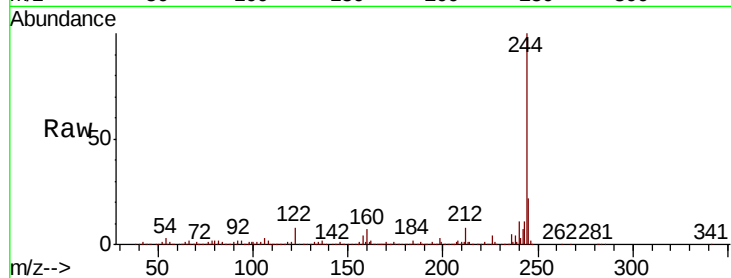
Tot Ion:244 Resp: 1136804

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

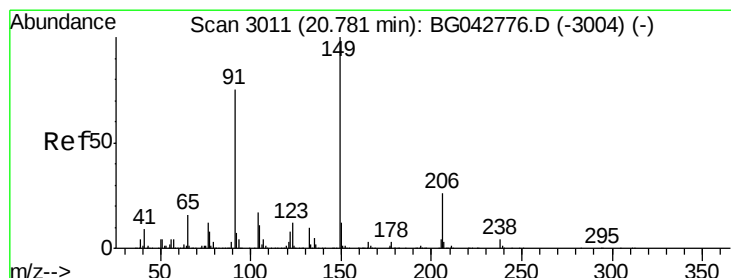
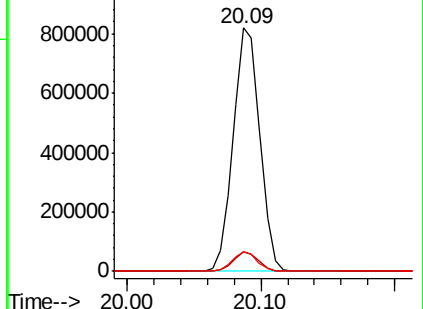
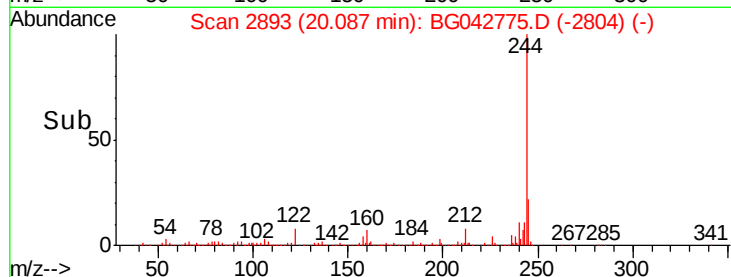
122 8.2 6.2 9.4



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: 21.163 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

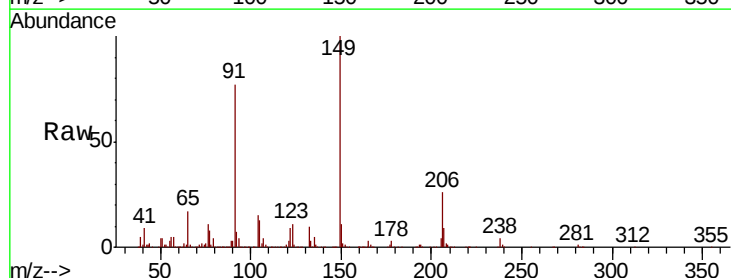
Tgt Ion:149 Resp: 290914

Ion Ratio Lower Upper

149 100

91 76.7 60.2 90.2

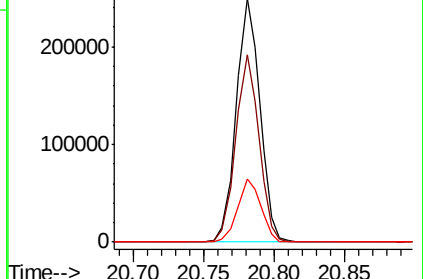
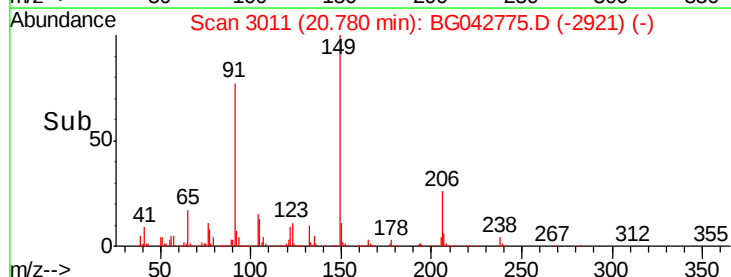
206 25.8 20.6 30.8

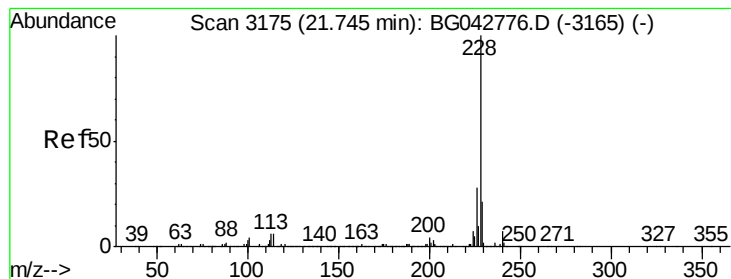


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.304 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

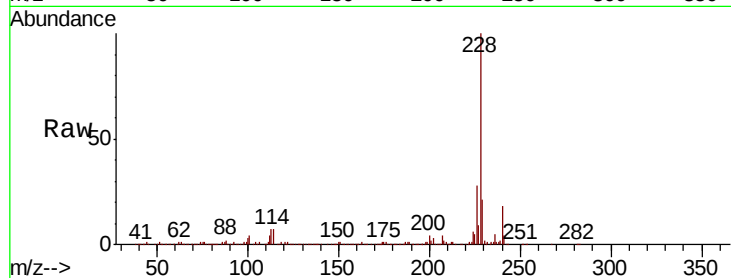
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 749844

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	21.1	17.2	25.8

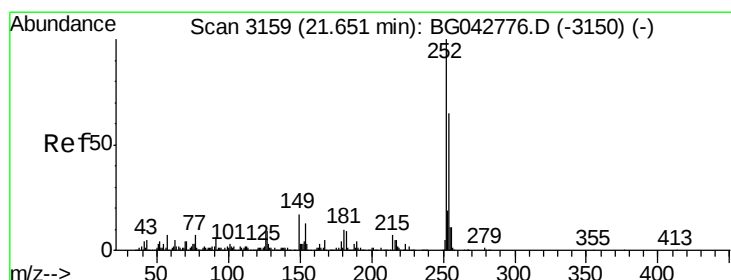
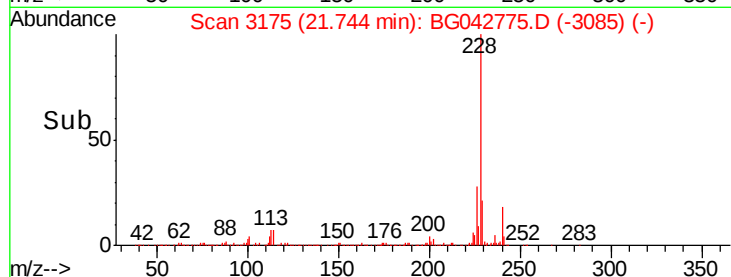
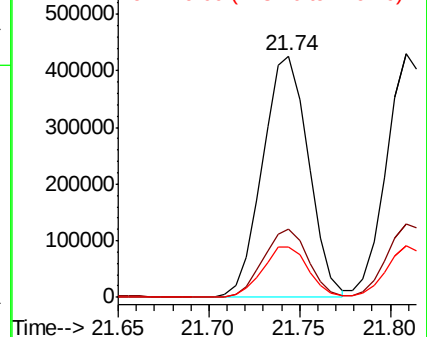


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.739 ng

RT: 21.65 min Scan# 3159

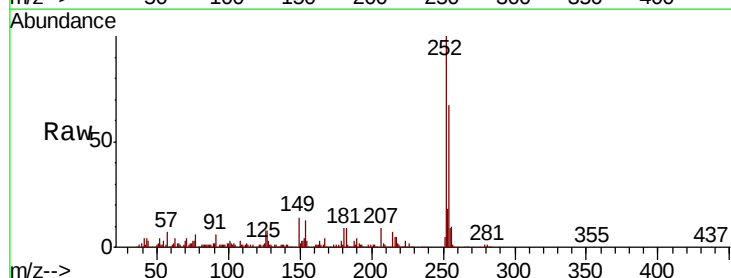
Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Tgt Ion:252 Resp: 284283

Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.2	78.2
126	7.7	7.0	10.4

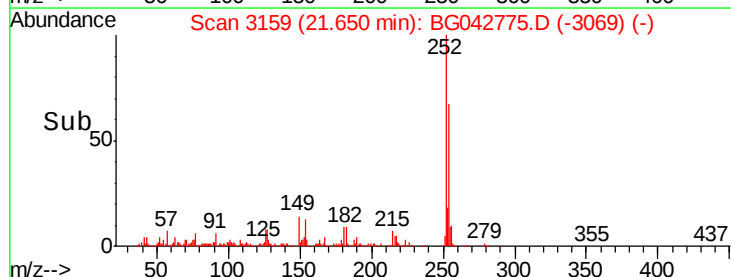
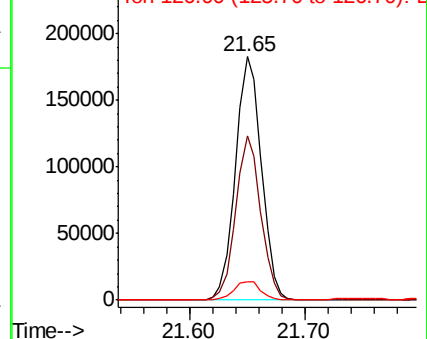


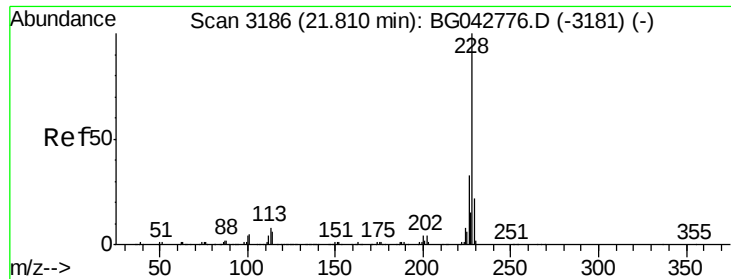
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 21.524 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampled :

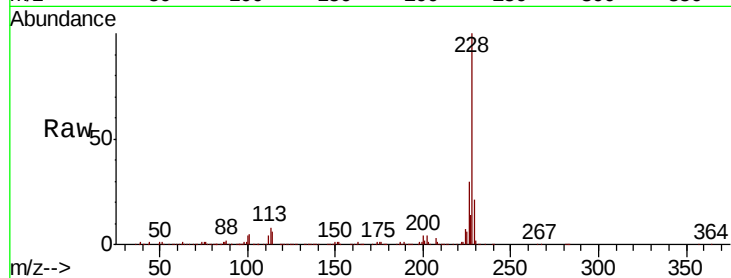
Tot Ion:228 Resp: 719626

Ion Ratio Lower Upper

228 100

226 30.4 26.0 39.0

229 21.2 17.1 25.7

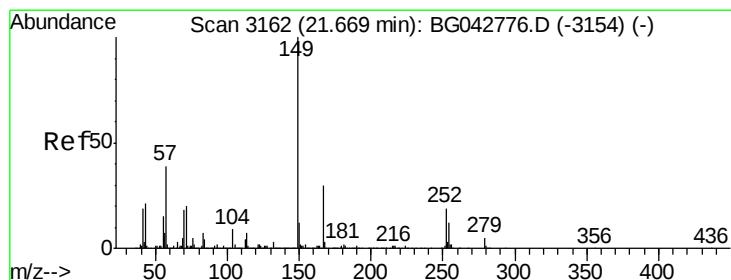
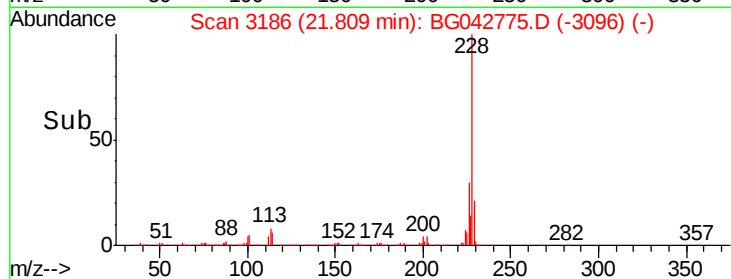
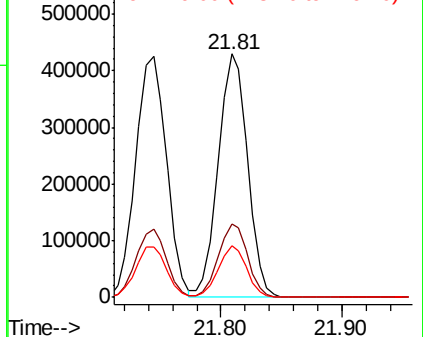


Abundance

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: 20.828 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

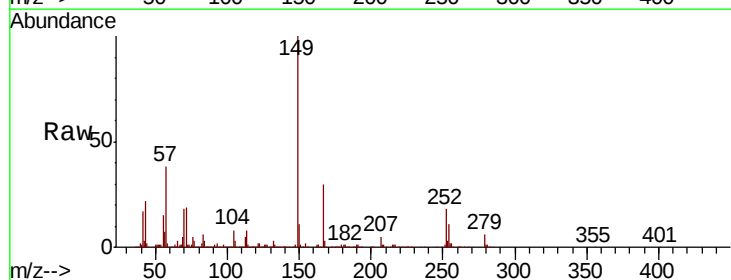
Tgt Ion:149 Resp: 398962

Ion Ratio Lower Upper

149 100

167 29.6 24.3 36.5

279 5.6 4.2 6.4

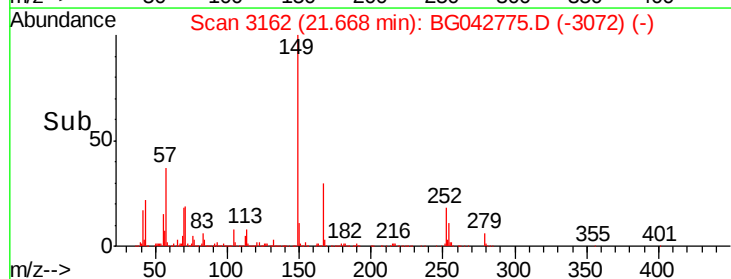
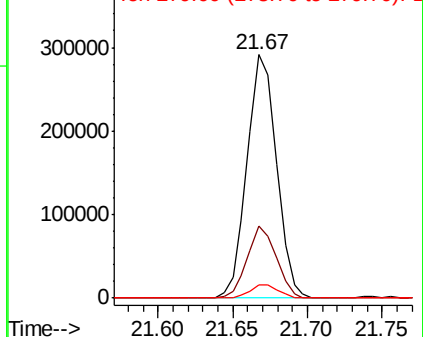


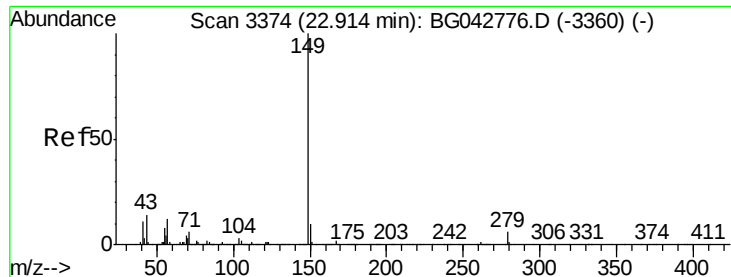
Abundance

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: 21.088 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG042775.D

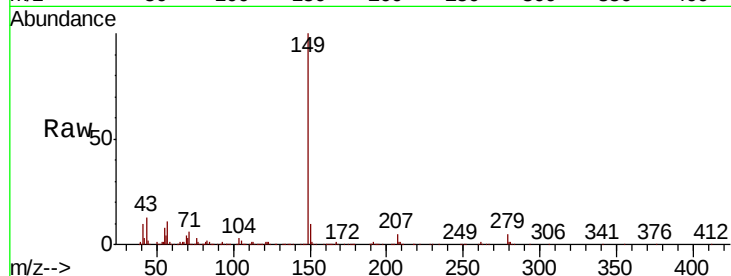
Acq: 12 Sep 2019 9:53

Instrument :

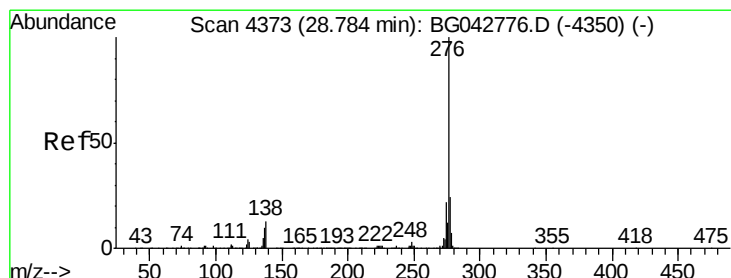
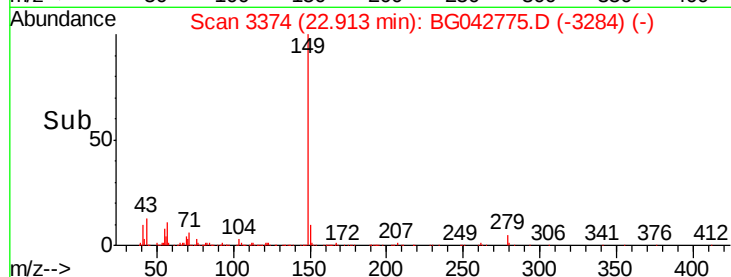
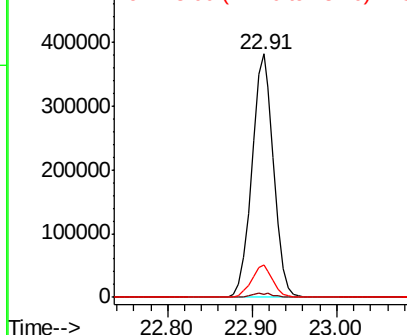
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	681311
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.8	10.6	15.8



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: 20.038 ng

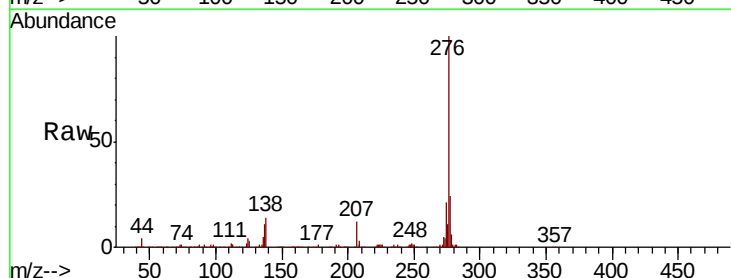
RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

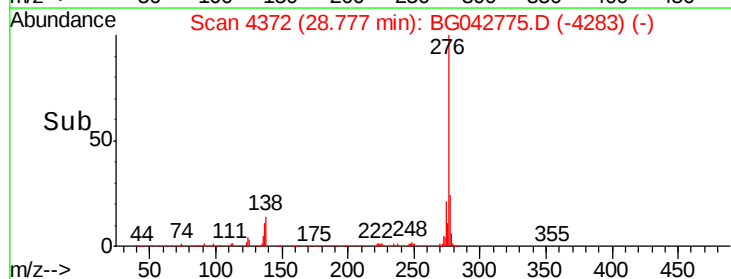
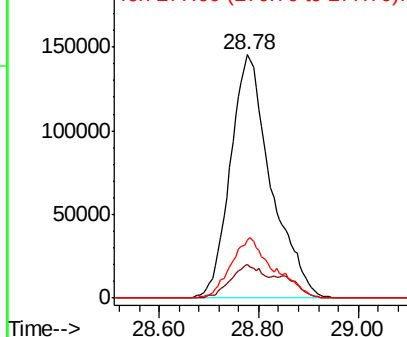
Lab File: BG042775.D

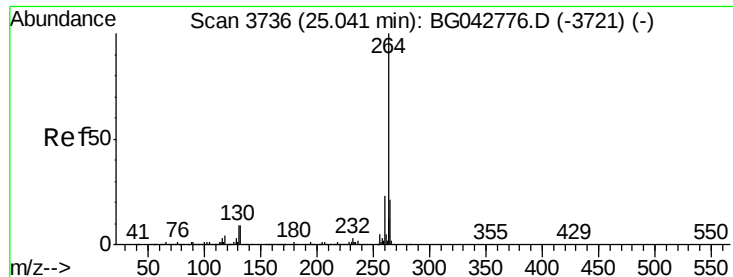
Acq: 12 Sep 2019 9:53

Tgt Ion:	276	Resp:	823237
Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.3	13.9
277	26.0	17.2	25.8#



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



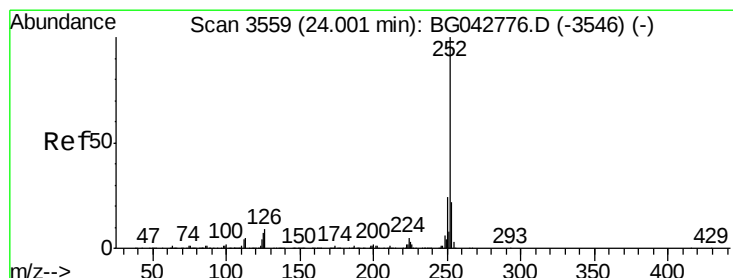
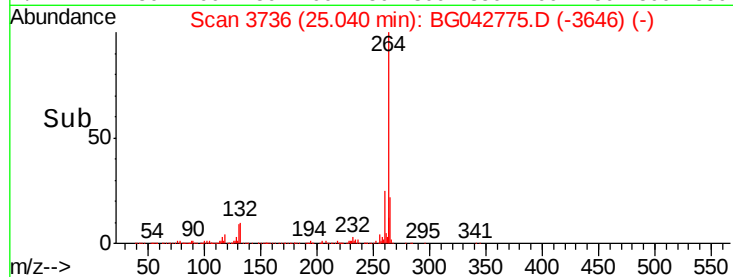
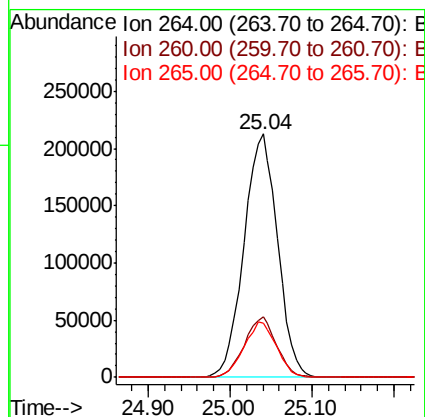
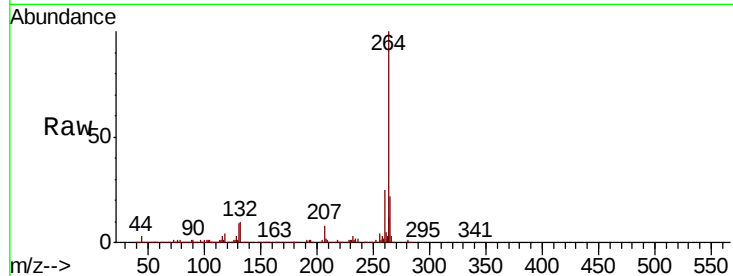


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 607163

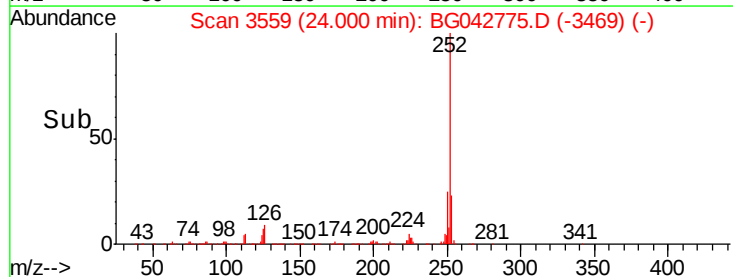
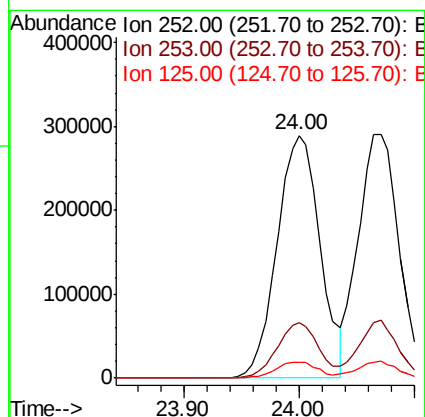
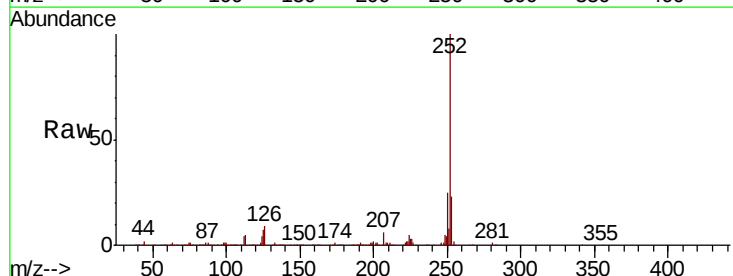
Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.2
265	22.3	16.9	25.3

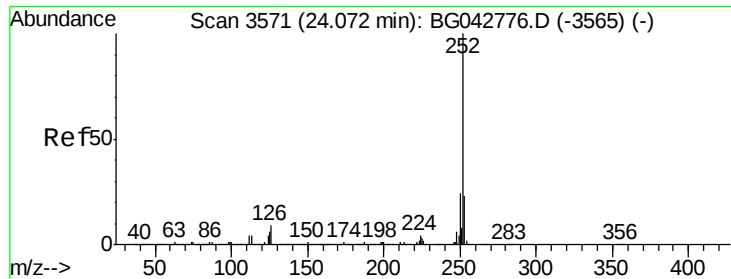


#88
Benzo(b)fluoranthene
Concen: 21.073 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion:252 Resp: 748491

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	6.7	5.6	8.4

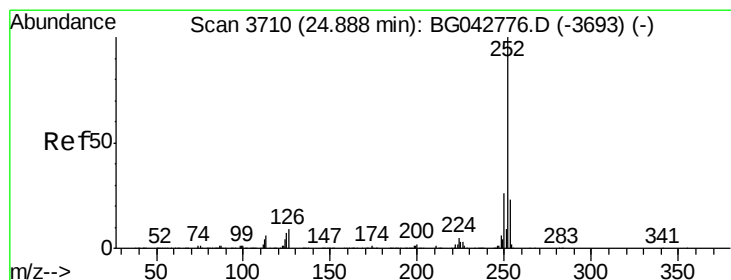
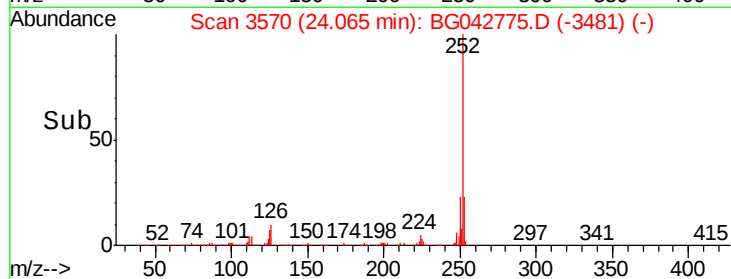
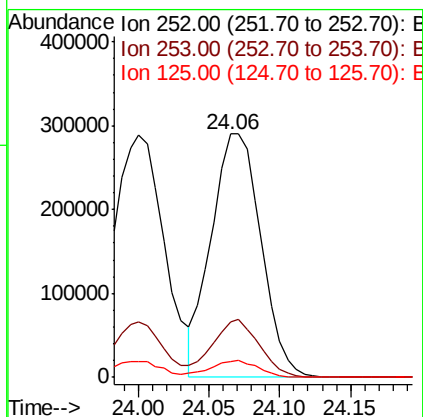
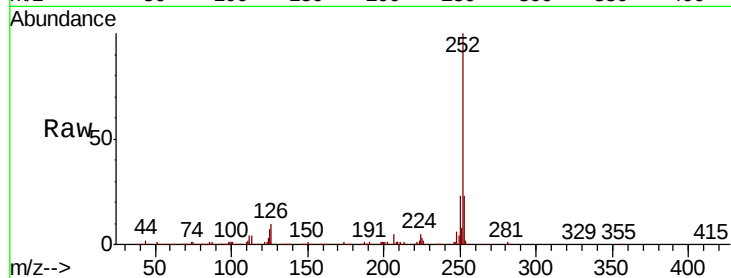




#89
Benzo(k)fluoranthene
Concen: 20.912 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

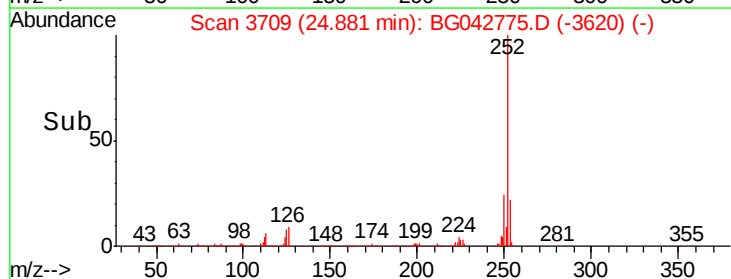
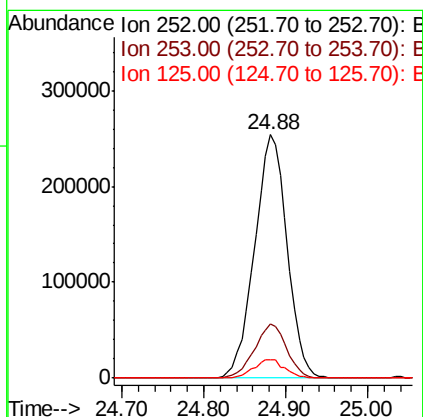
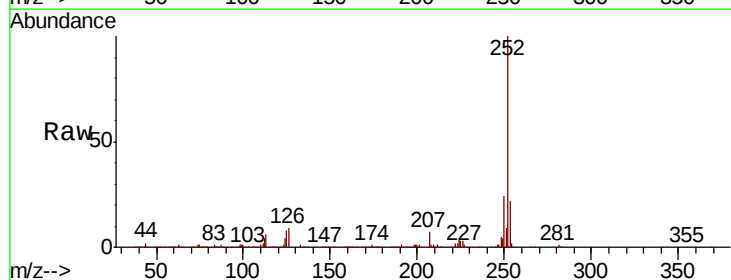
Instrument :
BNA_G
ClientSampleId :

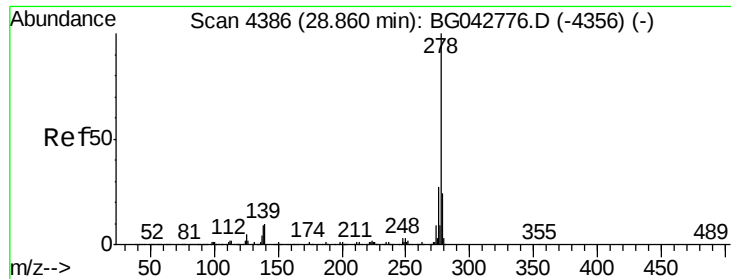
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.6	5.3	7.9



#90
Benzo(a)pyrene
Concen: 20.871 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042775.D
Acq: 12 Sep 2019 9:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	7.5	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.839 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

Instrument :

BNA_G

ClientSampleId :

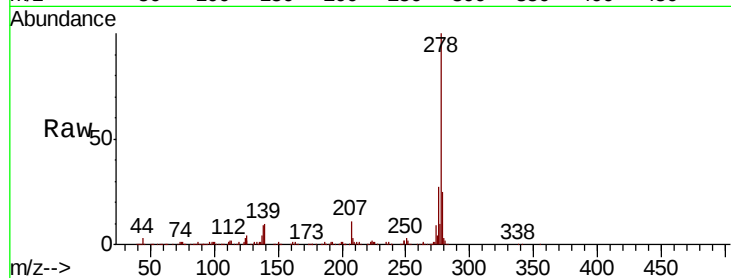
Tot Ion:278 Resp: 681052

Ion Ratio Lower Upper

278 100

139 9.7 8.2 12.2

279 25.2 19.4 29.2

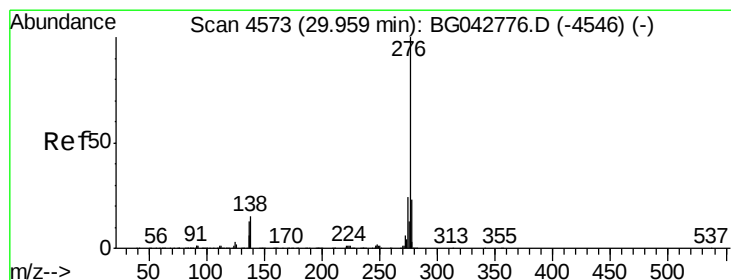
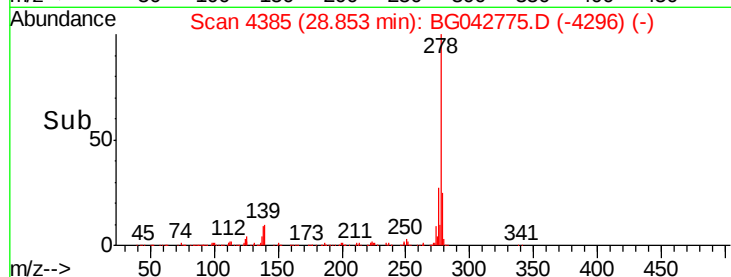
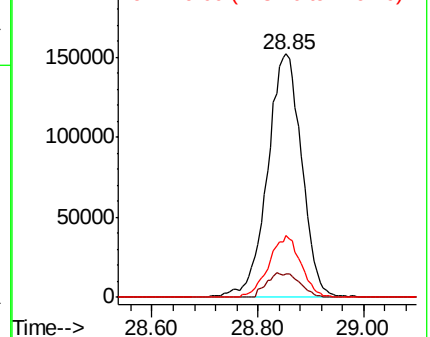


Abundance

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: 20.467 ng

RT: 29.95 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG042775.D

Acq: 12 Sep 2019 9:53

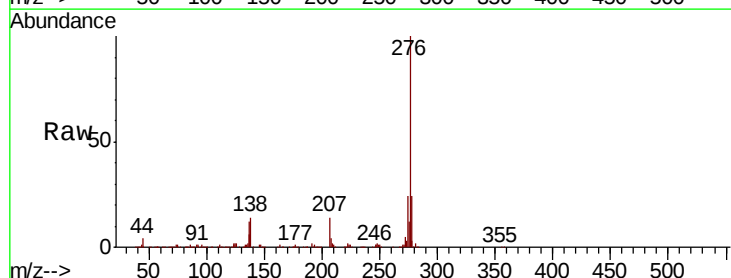
Tgt Ion:276 Resp: 655195

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 14.1 11.8 17.8



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

