

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020047.D
 Acq On : 9 Dec 2015 17:20
 Operator : UM/SJ
 Sample : G4556-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

Quant Time: Dec 10 00:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20096	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	85014	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58513	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	142010	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	176265	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162627	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	135395	121.77	ng	0.00
7) Phenol-d6	7.26	99	193563	115.30	ng	-0.01
23) Nitrobenzene-d5	9.28	82	141626	85.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	113138	126.37	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	351040	81.92	ng	-0.02
78) Terphenyl-d14	20.08	244	489355	67.72	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	12293	28.38	ng	# 100
3) Pyridine	3.94	79	49721	37.79	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	23134	33.44	ng	# 87
6) Aniline	7.43	93	31535	14.51	ng	# 83
8) 2-Chlorophenol	7.67	128	55442	40.89	ng	# 95
9) Benzaldehyde	7.25	77	24419	21.81	ng	# 89
10) Phenol	7.29	94	70772	40.06	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	51348	39.24	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	54639	35.55	ng	# 95
13) 1,4-Dichlorobenzene	8.14	146	57583	36.28	ng	# 91
14) 1,2-Dichlorobenzene	8.47	146	55816	36.87	ng	# 96
15) Benzyl Alcohol	8.35	79	61331	41.63	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	78070	36.58	ng	# 94
17) 2-Methylphenol	8.55	107	51806	41.53	ng	# 92
18) Hexachloroethane	9.20	117	20603	34.67	ng	# 87
19) n-Nitroso-di-n-propylamine	8.91	70	49251	37.20	ng	# 90
20) 3+4-Methylphenols	8.88	107	72228	41.12	ng	# 95
22) Acetophenone	8.94	105	89933	38.59	ng	# 93
24) Nitrobenzene	9.32	77	74916	41.46	ng	# 92
25) Isophorone	9.84	82	137597	38.53	ng	# 96
26) 2-Nitrophenol	10.04	139	30902	44.28	ng	# 74
27) 2,4-Dimethylphenol	10.09	122	61333	42.20	ng	# 92
28) bis(2-Chloroethoxy)methane	10.32	93	75808	43.44	ng	# 97
29) 2,4-Dichlorophenol	10.57	162	66790	44.99	ng	# 95
30) 1,2,4-Trichlorobenzene	10.79	180	65952	39.31	ng	# 94
31) Naphthalene	10.98	128	189031	41.51	ng	# 98
32) Benzoic acid	10.22	122	41858	43.40	ng	# 94
33) 4-Chloroaniline	11.08	127	9868	4.92	ng	# 92
34) Hexachlorobutadiene	11.26	225	45893	37.08	ng	# 99
35) Caprolactam	11.86	113	19882	35.98	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	75890	41.05	ng	# 93
37) 2-Methylnaphthalene	12.57	142	144051	43.16	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	92063	41.46	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	86735	68.51	ng	# 97

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 Misc :
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Instrument :
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Quant Time: Dec 10 00:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

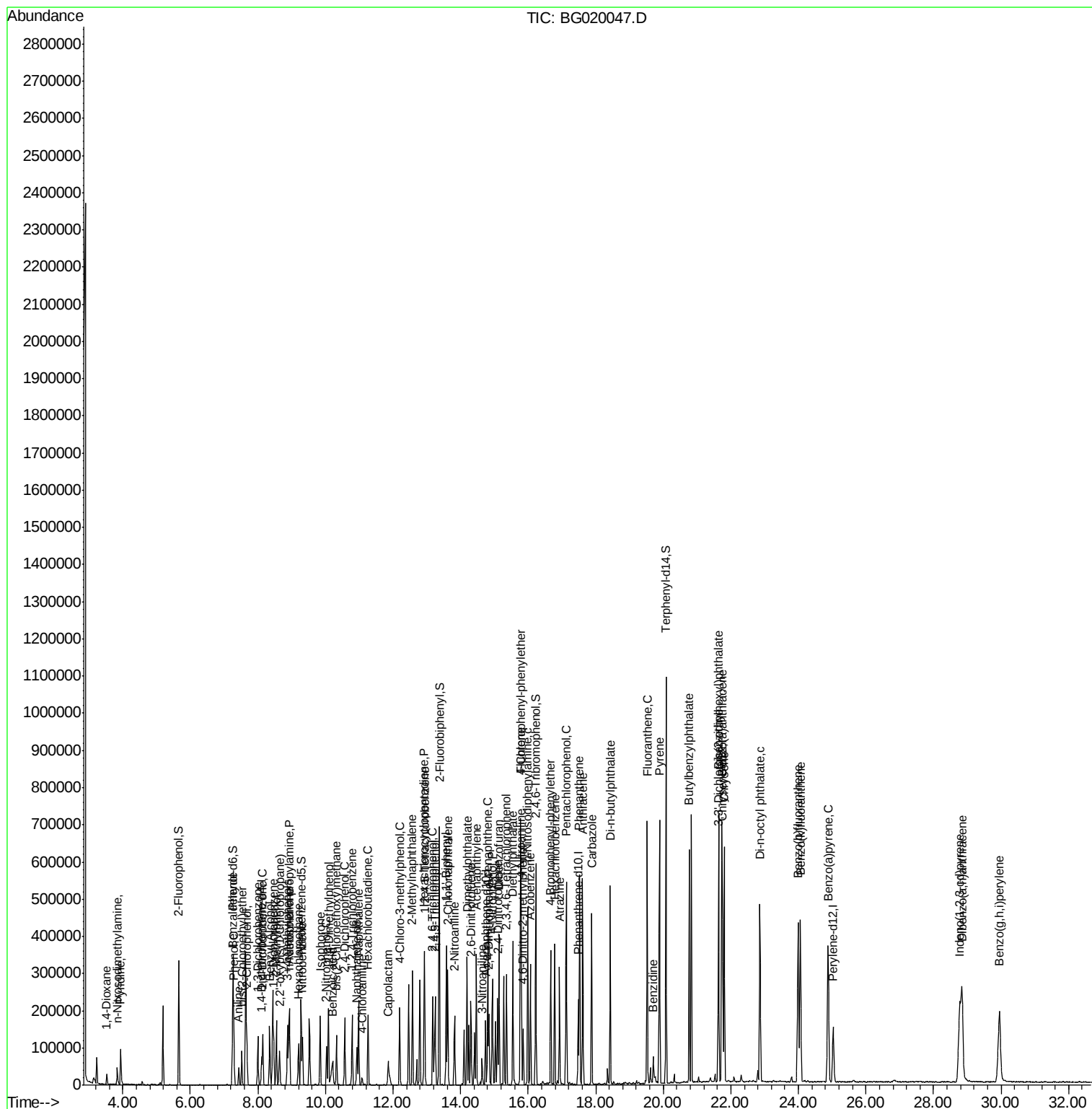
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	62165	42.29	nq	95
43) 2,4,5-Trichlorophenol	13.25	196	70188	45.17	nq	98
45) 1,1'-Biphenyl	13.58	154	191209	39.82	nq	99
46) 2-Chloronaphthalene	13.62	162	153378	41.44	nq	95
47) 2-Nitroaniline	13.82	65	55355	47.35	nq	92
48) Acenaphthylene	14.47	152	258429	40.99	nq	99
49) Dimethylphthalate	14.19	163	219101	41.63	nq	98
50) 2,6-Dinitrotoluene	14.31	165	46940	47.43	nq	# 87
51) Acenaphthene	14.81	154	155594	40.67	nq	97
52) 3-Nitroaniline	14.64	138	17898	17.41	nq	# 93
53) 2,4-Dinitrophenol	14.84	184	44910	84.67	nq	89
54) Dibenzofuran	15.14	168	260059	45.70	nq	93
55) 4-Nitrophenol	14.94	139	70668	78.92	nq	# 65
56) 2,4-Dinitrotoluene	15.10	165	67297	48.74	nq	# 93
57) Fluorene	15.78	166	208995	41.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66414	46.19	nq	96
59) Diethylphthalate	15.55	149	218482	38.35	nq	97
60) 4-Chlorophenyl-phenylether	15.77	204	115806	39.59	nq	95
61) 4-Nitroaniline	15.80	138	43631	37.73	nq	# 76
62) Azobenzene	16.06	77	192093	40.53	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	34781	44.16	nq	91
65) n-Nitrosodiphenylamine	15.99	169	183909	44.75	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	77097	43.69	nq	98
67) Hexachlorobenzene	16.79	284	83483	45.42	nq	97
68) Atrazine	16.93	200	62014	34.73	nq	95
69) Pentachlorophenol	17.13	266	103800	96.75	nq	94
70) Phenanthrene	17.52	178	360279	44.84	nq	97
71) Anthracene	17.62	178	358806	43.84	nq	96
72) Carbazole	17.88	167	313433	43.47	nq	98
73) Di-n-butylphthalate	18.43	149	372598	42.16	nq	98
74) Fluoranthene	19.53	202	443234	43.13	nq	95
76) Benzidine	19.71	184	58171	10.05	nq	96
77) Pyrene	19.89	202	457639	44.13	nq	95
79) Butylbenzylphthalate	20.76	149	177772	43.74	nq	96
80) Benzo(a)anthracene	21.73	228	466594	43.24	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	72265	17.59	nq	# 96
82) Chrysene	21.80	228	423850	41.37	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	261446	43.83	nq	# 98
84) Di-n-octyl phthalate	22.86	149	432949	44.64	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.77	276	519583	46.04	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	459921	44.62	nq	# 94
88) Benzo(k)fluoranthene	24.06	252	433051	42.42	nq	# 95
89) Benzo(a)pyrene	24.88	252	434417	44.39	nq	# 95
90) Dibenzo(a,h)anthracene	28.84	278	428558	44.33	nq	# 93
91) Benzo(g,h,i)perylene	29.95	276	418601	44.10	nq	# 93

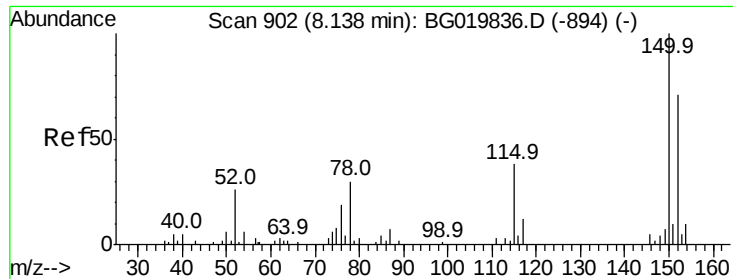
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

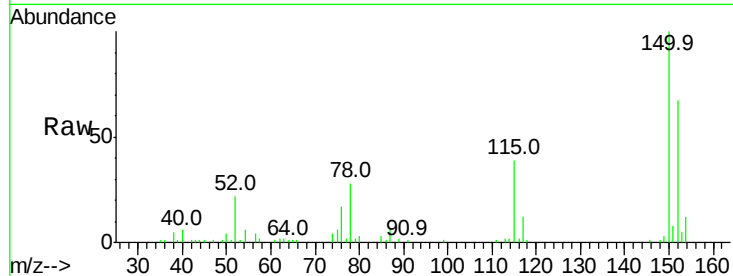
Tot Ion:152 Resp: 20096

Ion Ratio Lower Upper

152 100

150 149.1 115.0 172.4

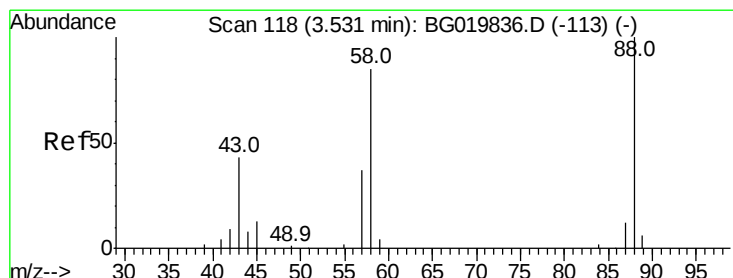
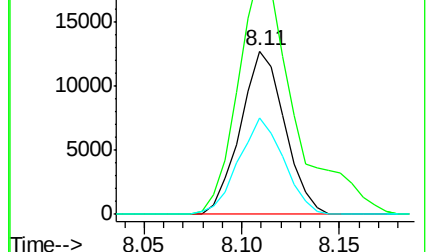
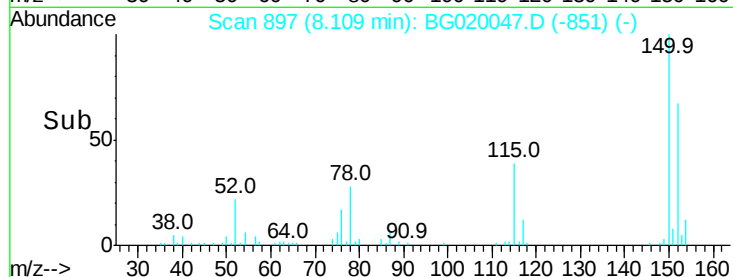
115 58.9 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.38 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.00 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

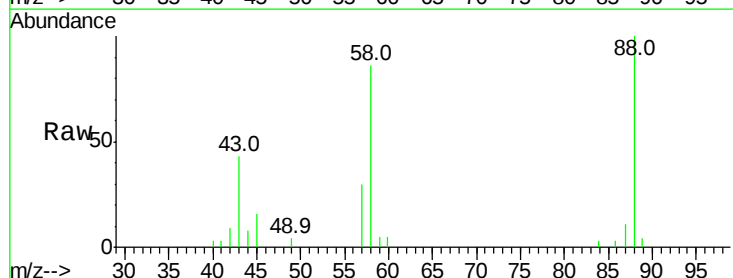
Tgt Ion: 88 Resp: 12293

Ion Ratio Lower Upper

88 100

58 84.0 0.0 0.0#

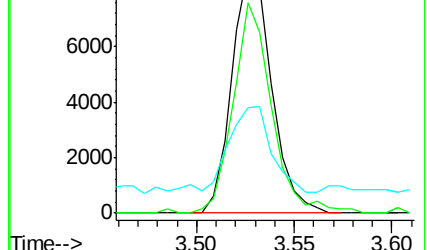
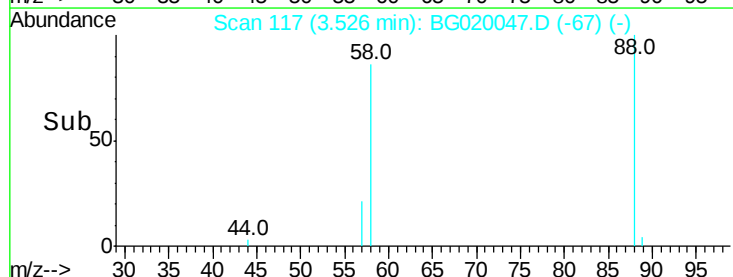
43 38.3 0.0 0.0#

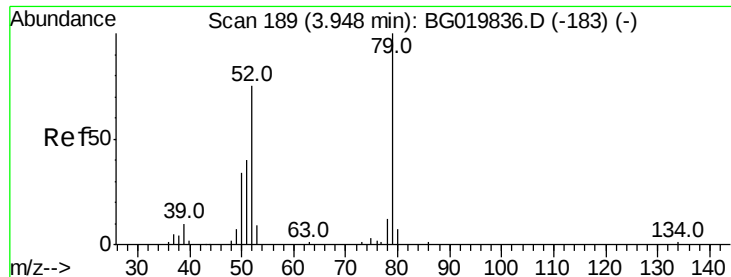


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.79 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

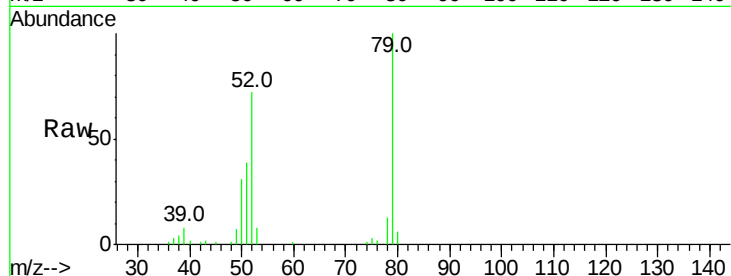
Tot Ion: 79 Resp: 49721

Ion Ratio Lower Upper

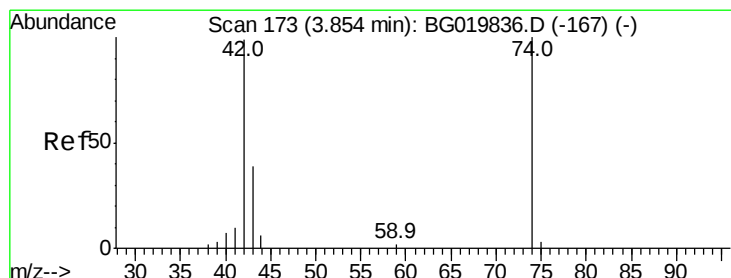
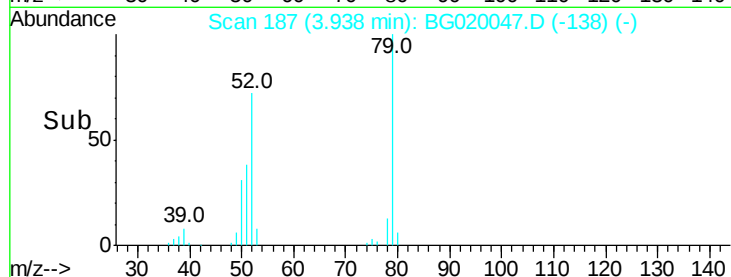
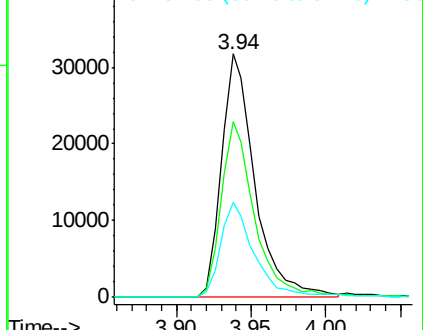
79 100

52 72.4 50.3 75.5

51 39.0 24.8 37.2#



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



#4

n-Nitrosodimethylamine

Concen: 33.44 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

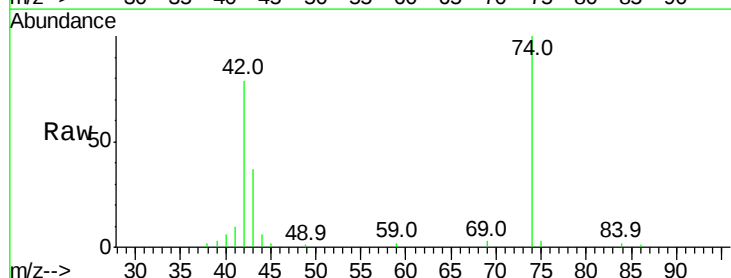
Tgt Ion: 42 Resp: 23134

Ion Ratio Lower Upper

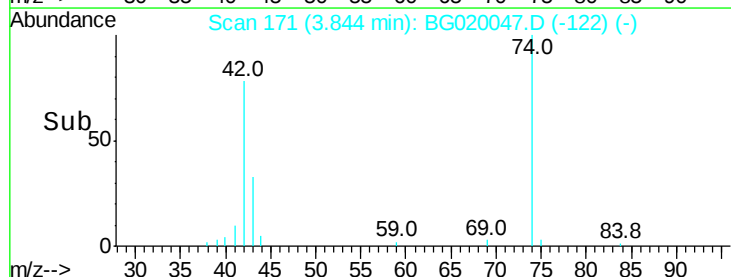
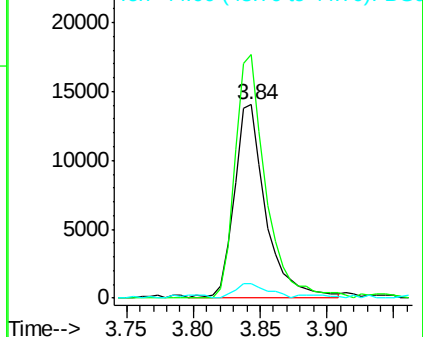
42 100

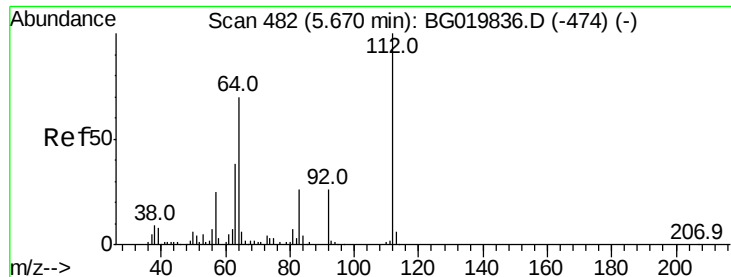
74 126.0 113.9 170.9

44 7.7 5.7 8.5



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





#5

2-Fluorophenol

Concen: 121.77 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

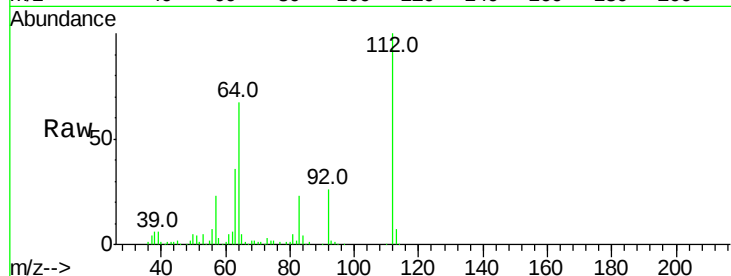
Tot Ion:112 Resp: 135395

Ion Ratio Lower Upper

112 100

64 67.4 43.7 65.5#

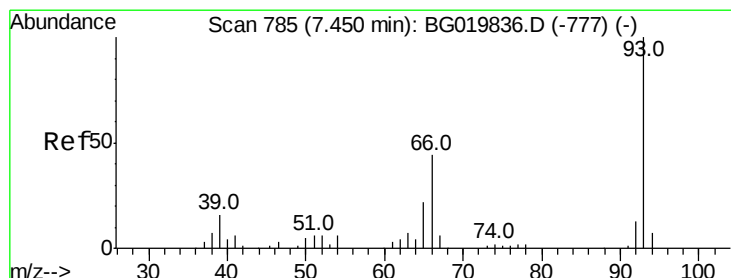
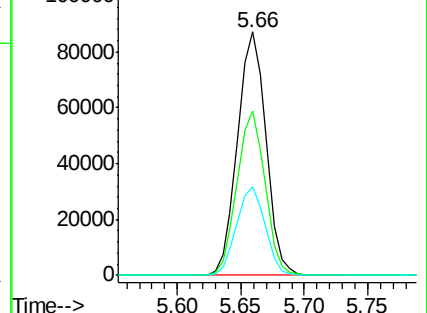
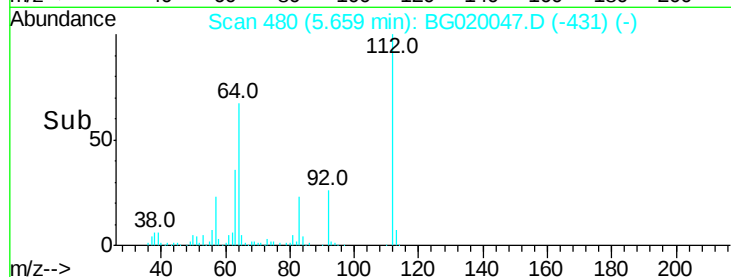
63 36.2 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.51 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

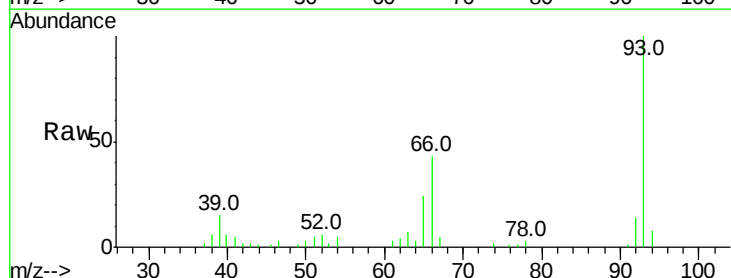
Tgt Ion: 93 Resp: 31535

Ion Ratio Lower Upper

93 100

66 42.8 26.2 39.2#

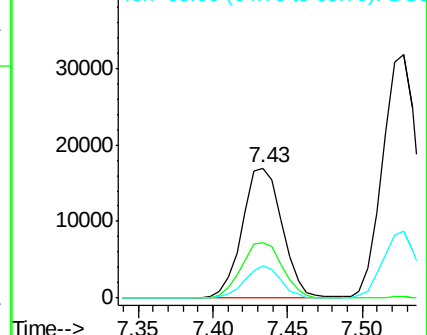
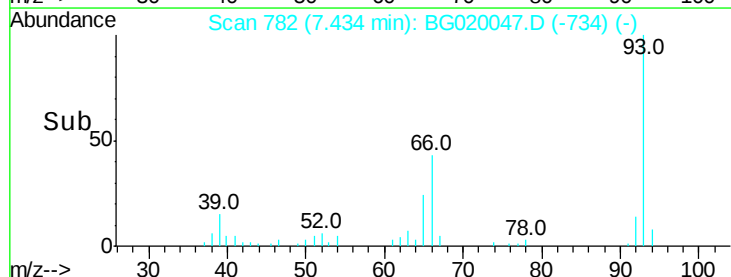
65 24.4 14.0 21.0#

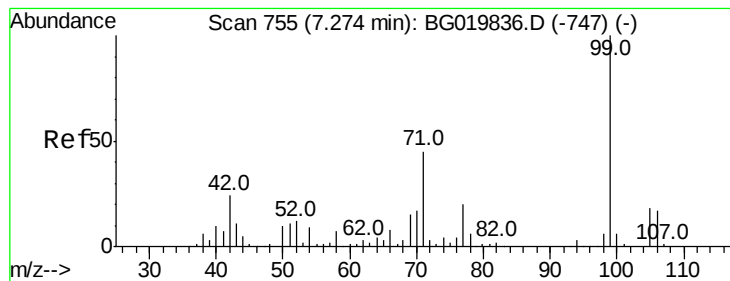


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.30 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampled :

ELP-1MSD

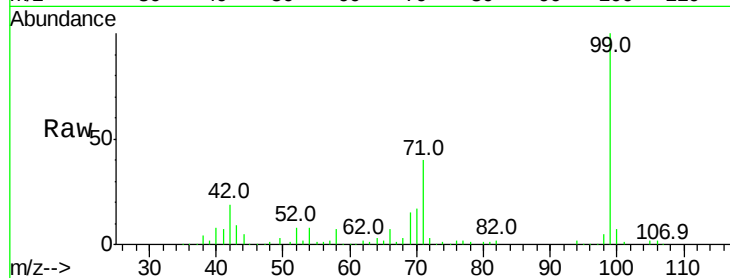
Tot Ion: 99 Resp: 193563

Ion Ratio Lower Upper

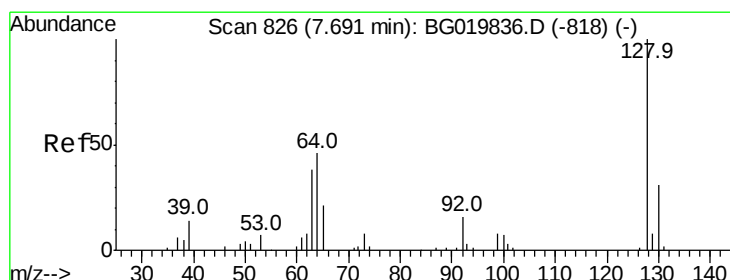
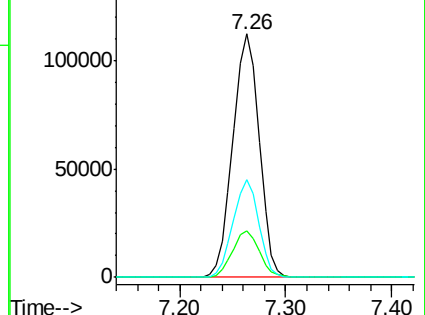
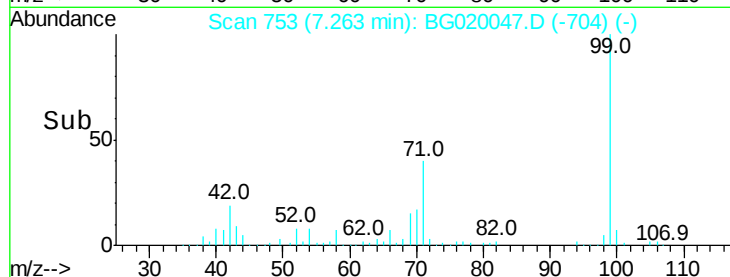
99 100

42 19.1 11.5 17.3#

71 40.0 22.6 34.0#



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: 40.89 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

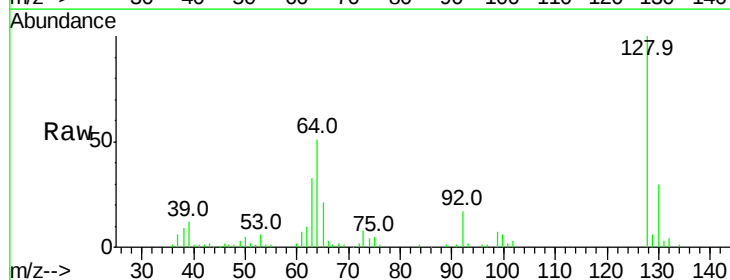
Tgt Ion: 128 Resp: 55442

Ion Ratio Lower Upper

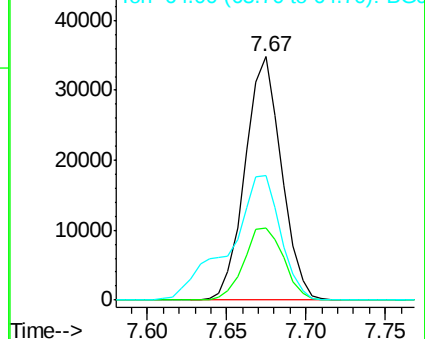
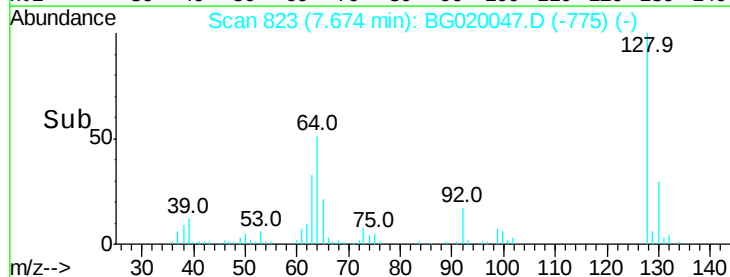
128 100

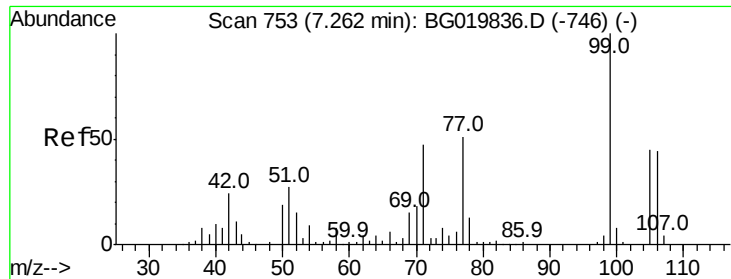
130 29.7 13.0 53.0

64 50.9 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.81 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampled :

ELP-1MSD

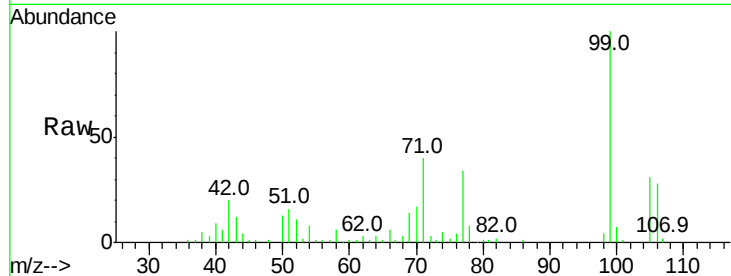
Tot Ion: 77 Resp: 24419

Ion Ratio Lower Upper

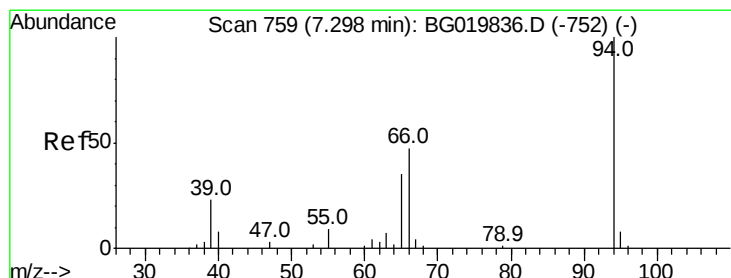
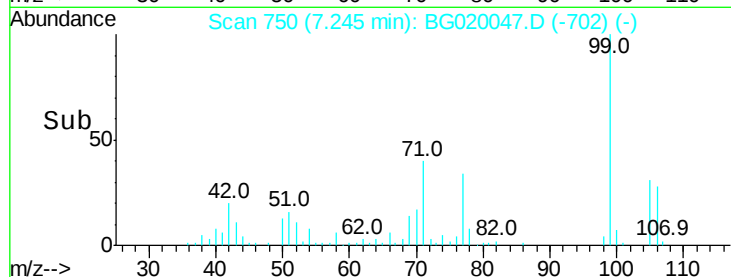
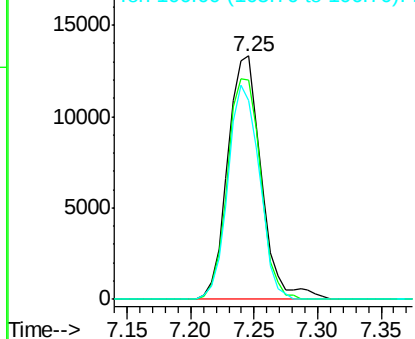
77 100

105 90.1 77.7 117.7

106 81.5 75.8 115.8



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: 40.06 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

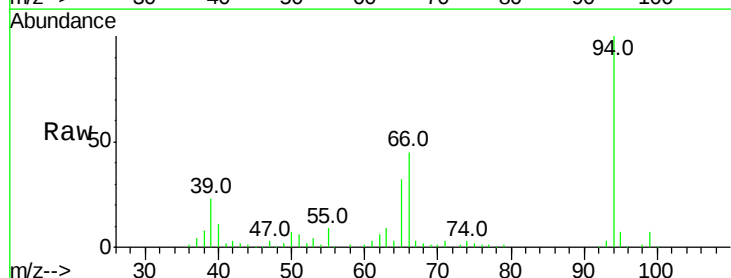
Tgt Ion: 94 Resp: 70772

Ion Ratio Lower Upper

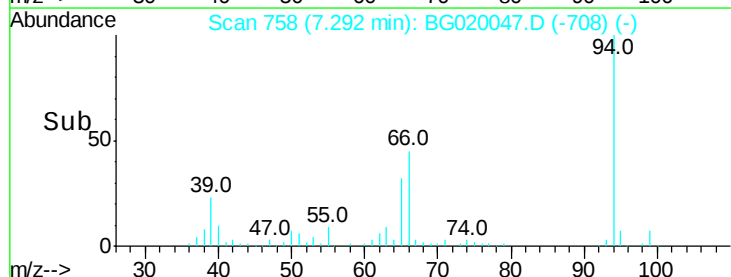
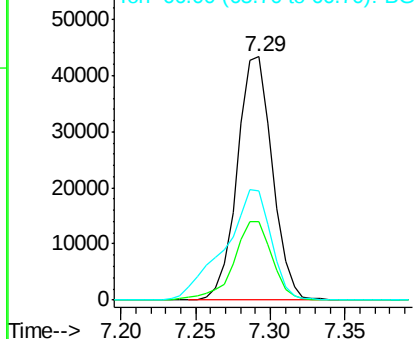
94 100

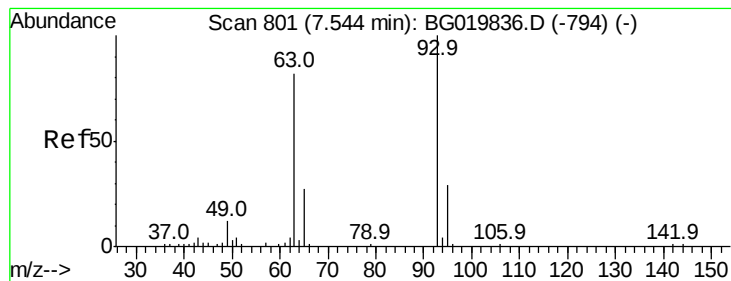
65 32.1 5.4 45.4

66 44.9 11.8 51.8



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





#11

bis(2-Chloroethyl)ether

Concen: 39.24 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

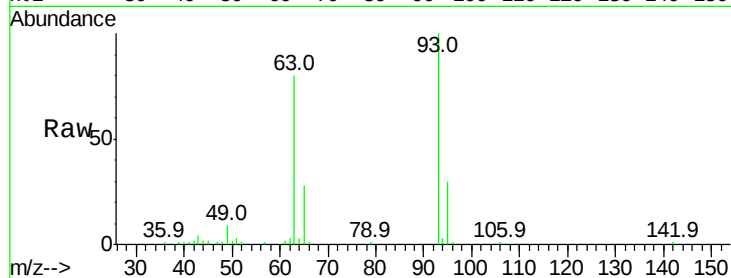
Tot Ion: 93 Resp: 51348

Ion Ratio Lower Upper

93 100

63 80.2 50.5 90.5

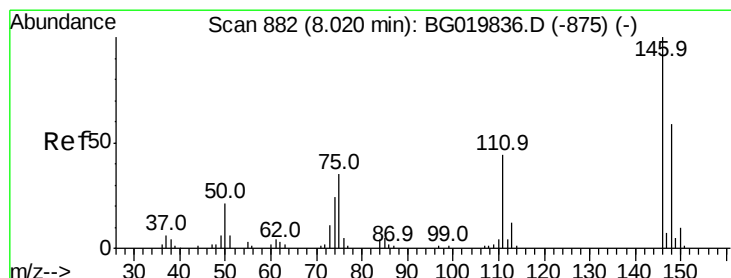
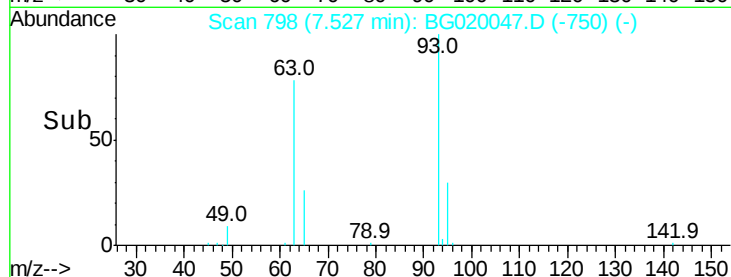
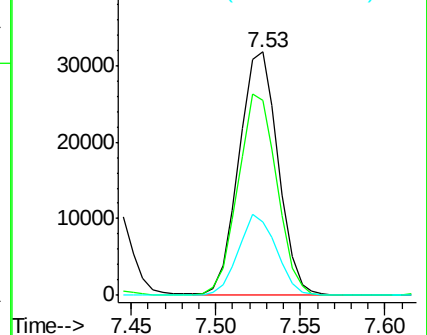
95 30.3 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.55 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

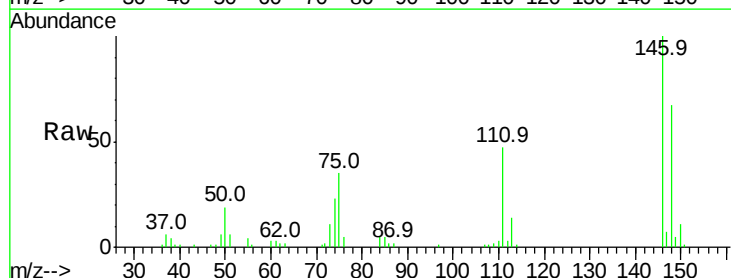
Tgt Ion: 146 Resp: 54639

Ion Ratio Lower Upper

146 100

148 67.1 53.4 80.0

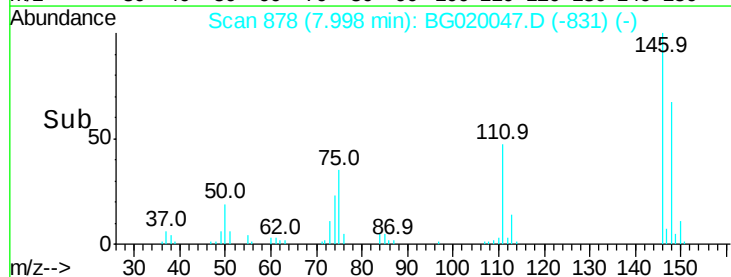
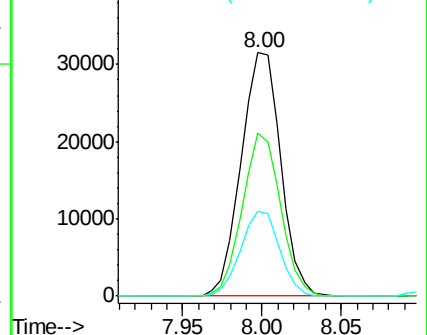
75 35.0 21.1 31.7#

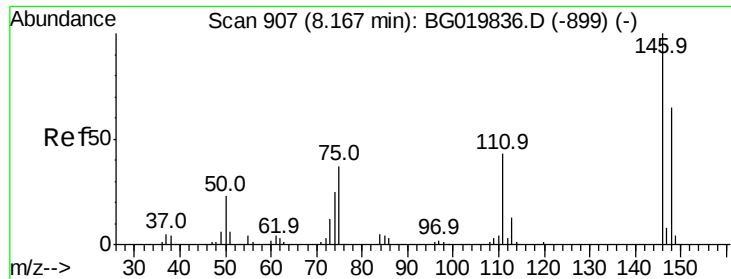


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

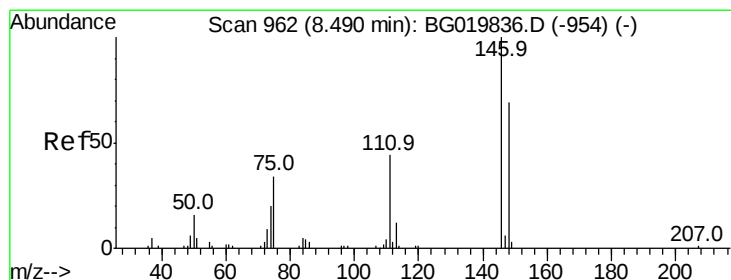
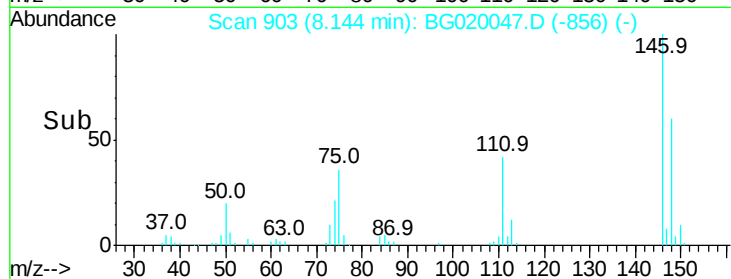
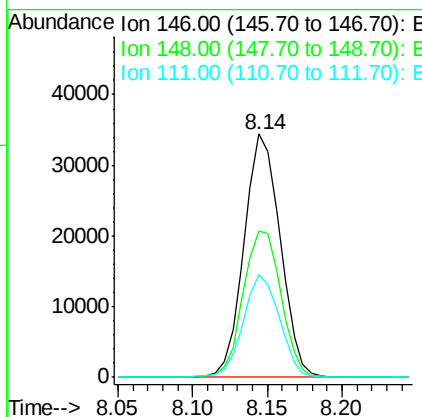
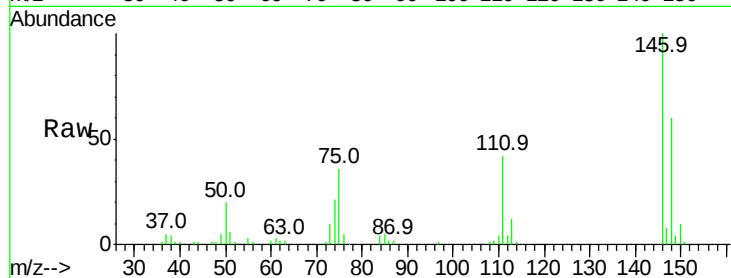




#13
 1,4-Dichlorobenzene
 Concen: 36.28 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

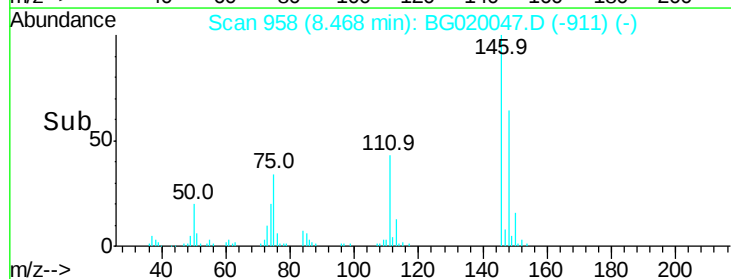
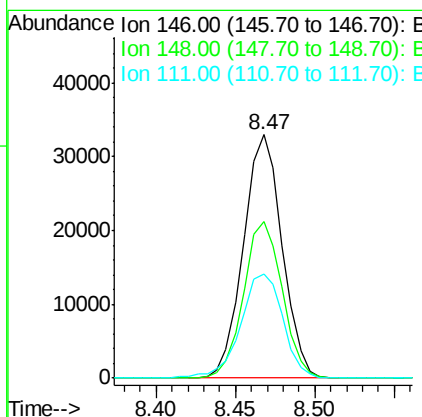
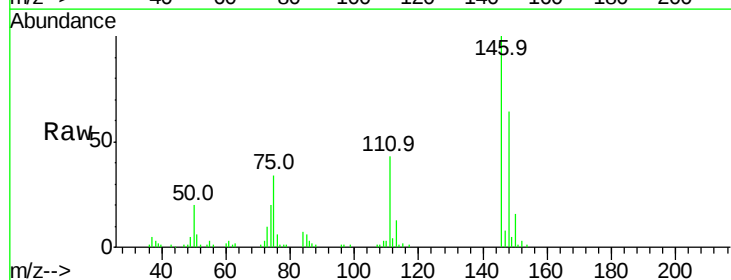
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

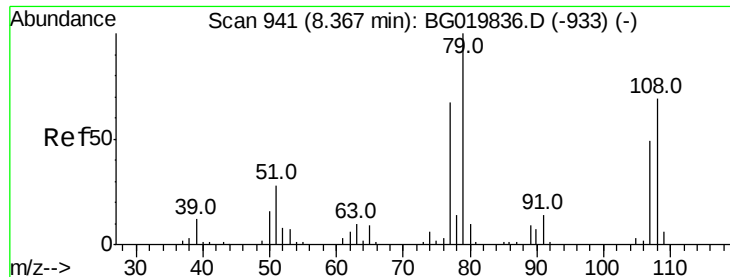
Tot Ion:146 Resp: 57583
 Ion Ratio Lower Upper
 146 100
 148 60.0 52.5 78.7
 111 42.3 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 36.87 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:146 Resp: 55816
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 42.7 29.9 44.9





#15

Benzyl Alcohol

Concen: 41.63 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

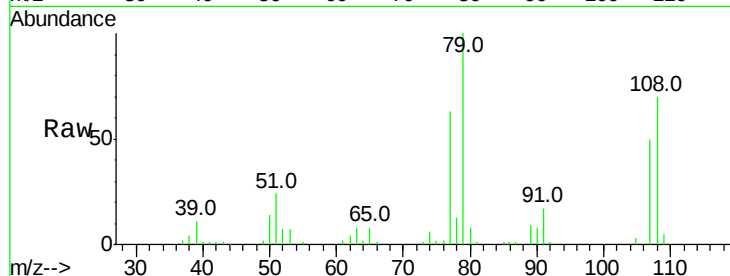
Tot Ion: 79 Resp: 61331

Ion Ratio Lower Upper

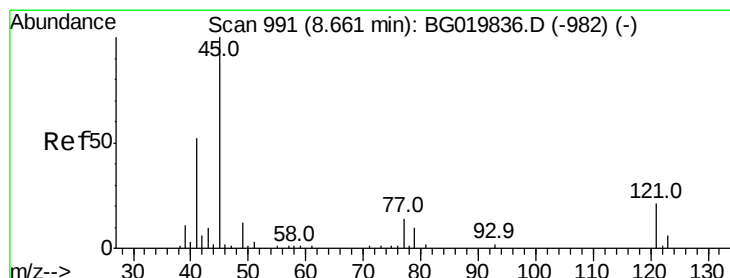
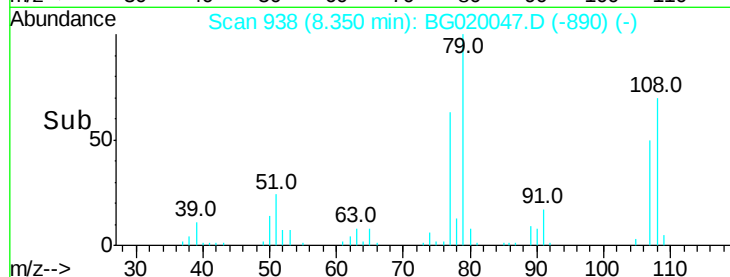
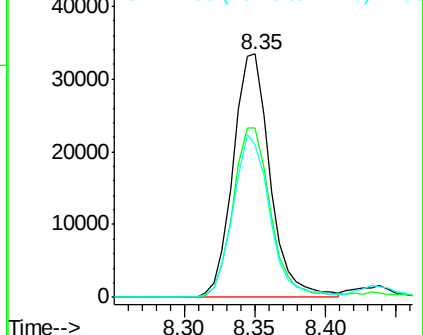
79 100

108 69.8 65.5 98.3

77 62.9 51.3 76.9



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: 36.58 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

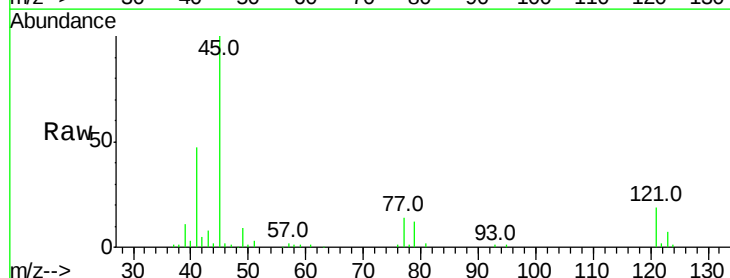
Tgt Ion: 45 Resp: 78070

Ion Ratio Lower Upper

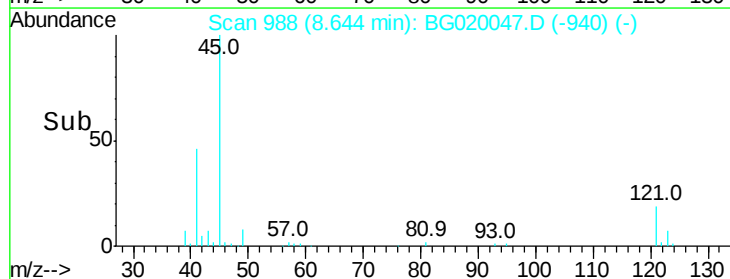
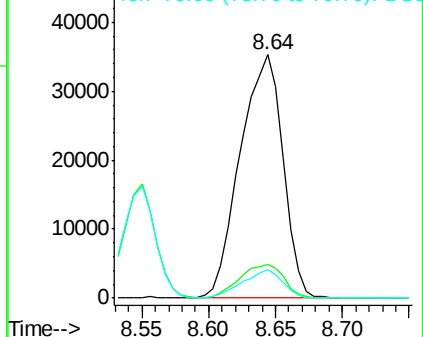
45 100

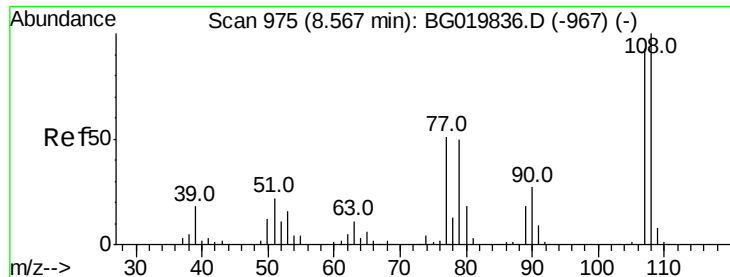
77 14.1 0.0 37.0

79 11.7 0.0 33.8



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

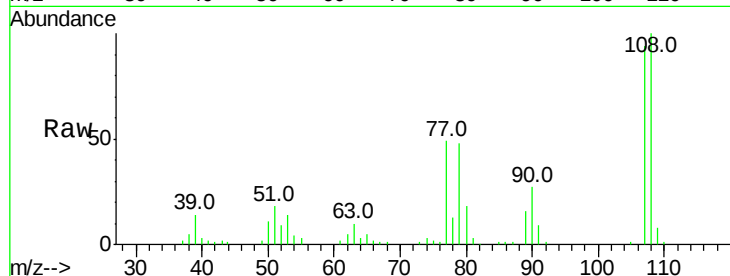




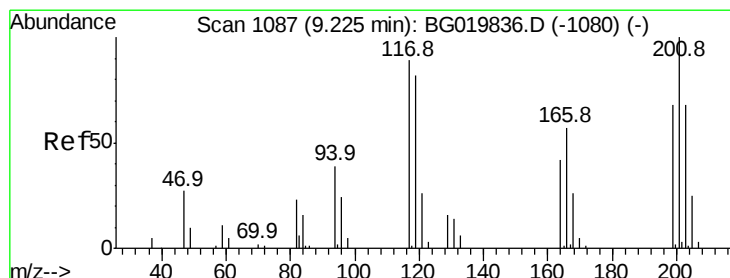
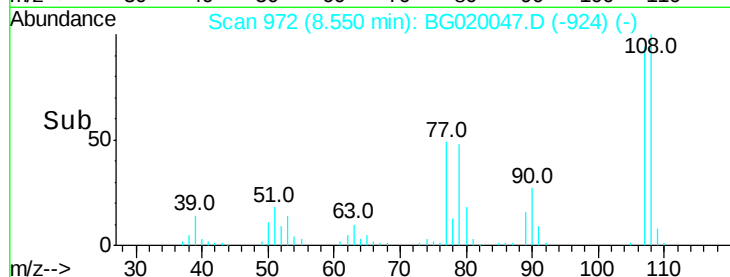
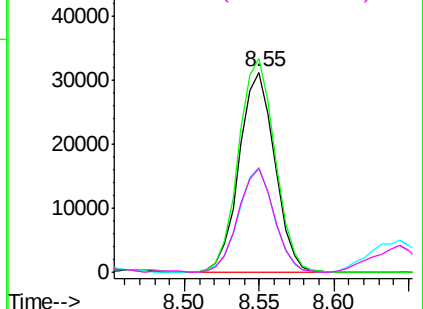
#17
2-Methylphenol
Concen: 41.53 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

Tot Ion:107 Resp: 51806
Ion Ratio Lower Upper
107 100
108 106.9 86.5 129.7
77 52.8 34.6 51.8#
79 51.7 32.3 48.5#

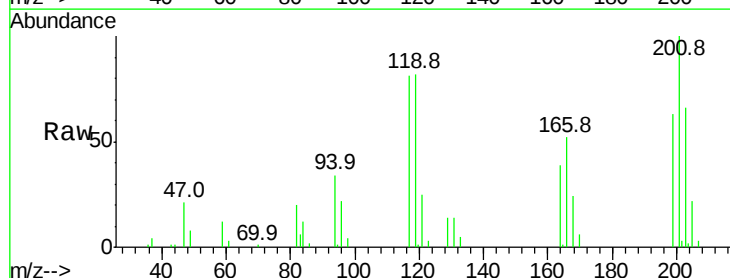


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

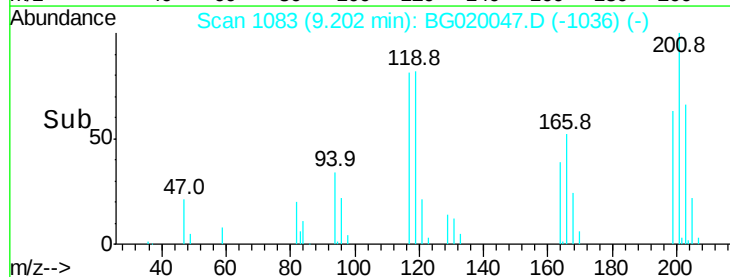
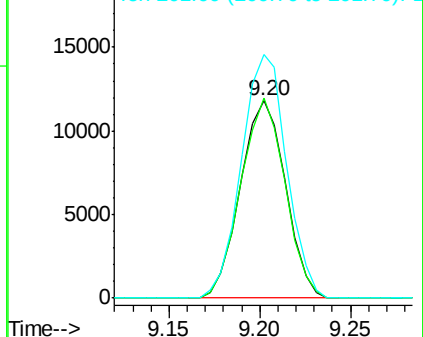


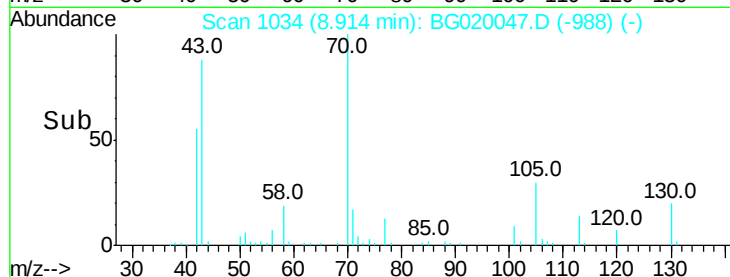
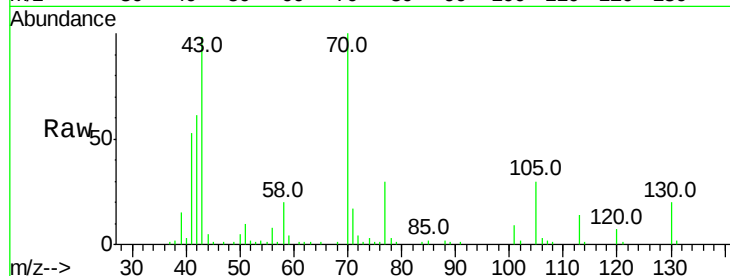
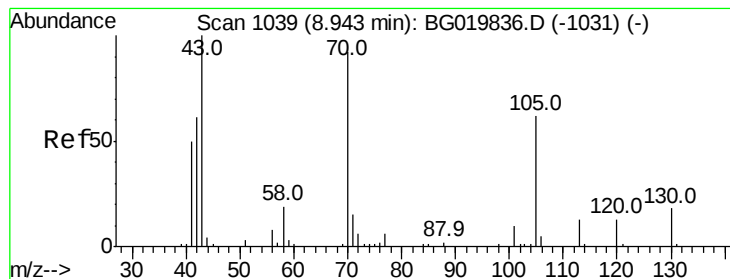
#18
Hexachloroethane
Concen: 34.67 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:117 Resp: 20603
Ion Ratio Lower Upper
117 100
119 101.2 71.7 107.5
201 127.6 90.9 136.3



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: 37.20 ng

RT: 8.91 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

Tot Ion: 70 Resp: 49251

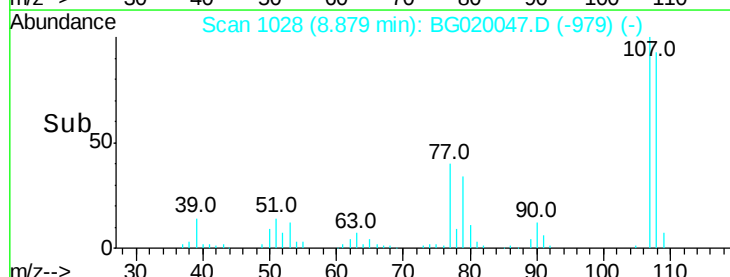
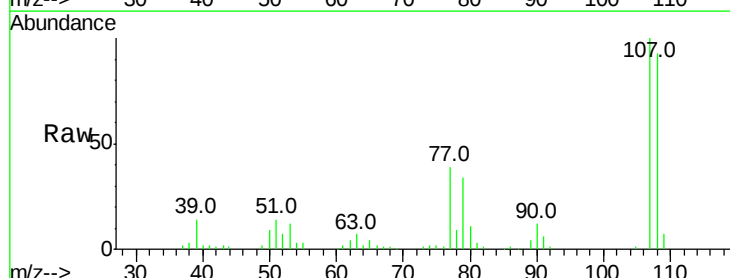
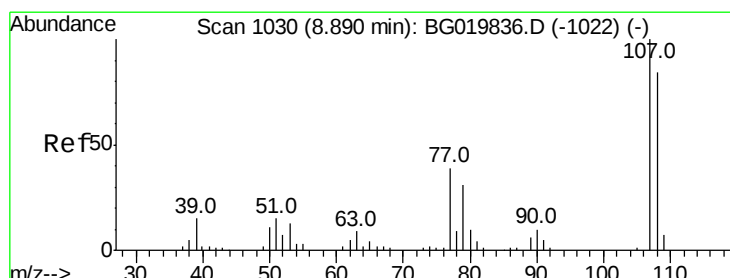
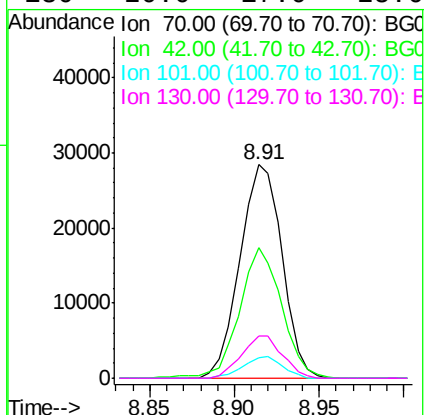
Ion Ratio Lower Upper

70 100

42 61.2 40.6 60.8#

101 9.4 8.6 13.0

130 20.0 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.12 ng

RT: 8.88 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Tgt Ion: 107 Resp: 72228

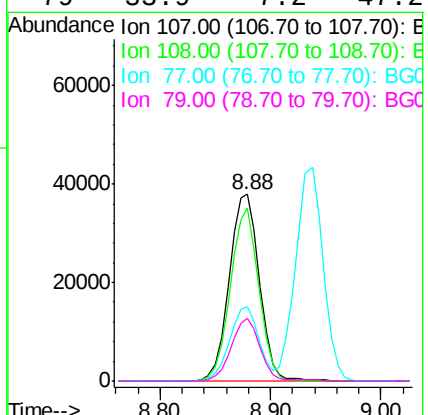
Ion Ratio Lower Upper

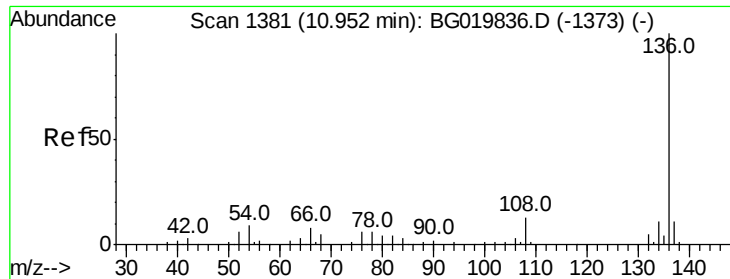
107 100

108 92.7 72.2 112.2

77 39.5 13.4 53.4

79 33.9 7.2 47.2

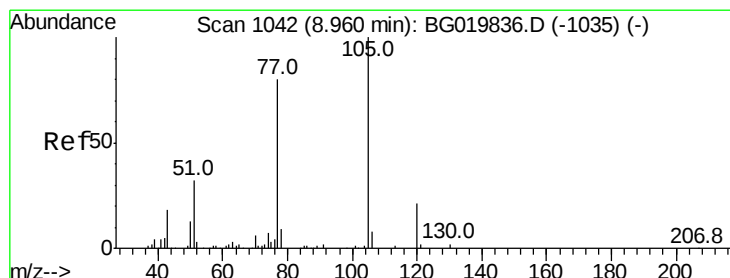
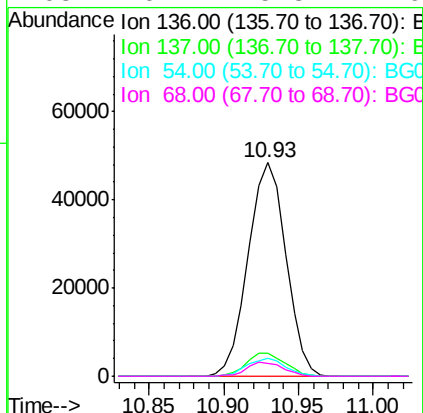
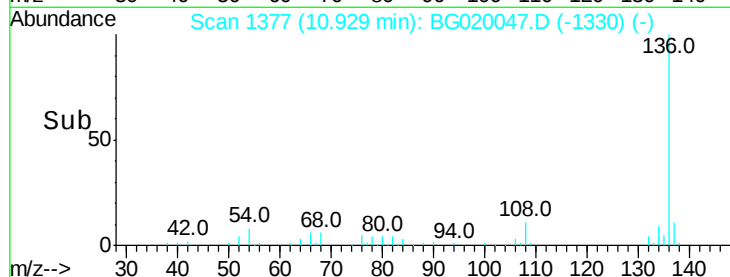
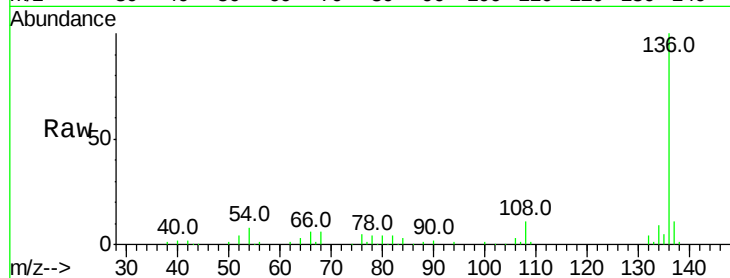




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

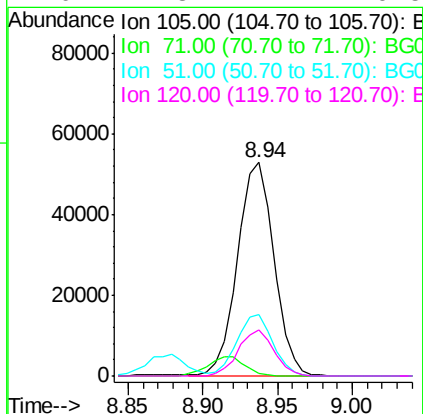
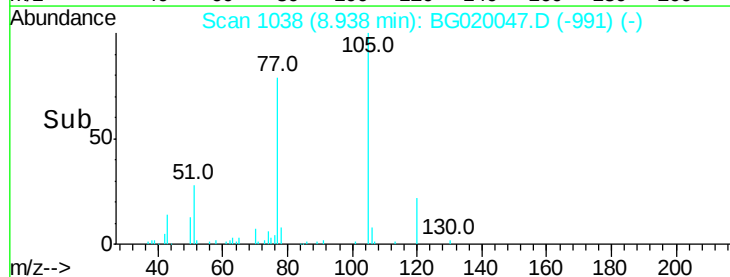
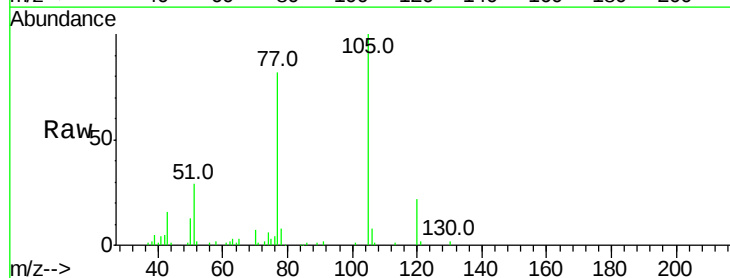
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

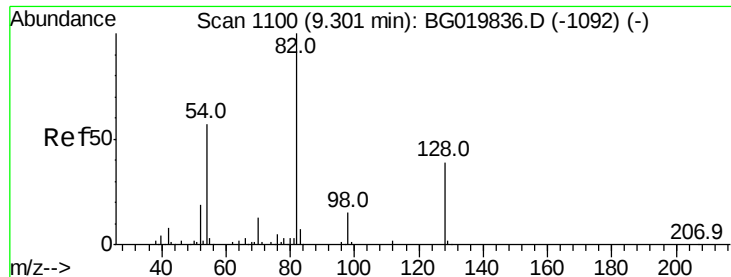
Tot Ion:136	Resp:	85014
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 12.8
54	8.2	5.4 8.2#
68	6.2	5.3 7.9



#22
Acetophenone
Concen: 38.59 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:105	Resp:	89933
Ion Ratio	Lower	Upper
105	100	
71	1.1	2.1 3.1#
51	28.7	17.8 26.8#
120	21.8	17.7 26.5

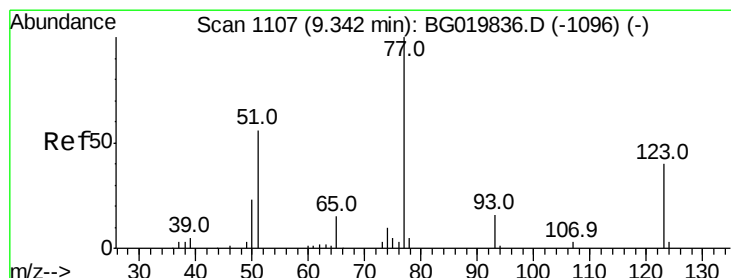
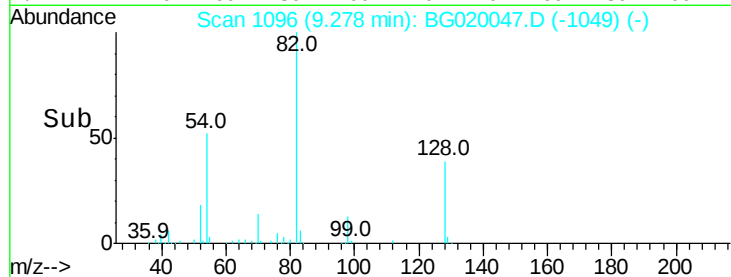
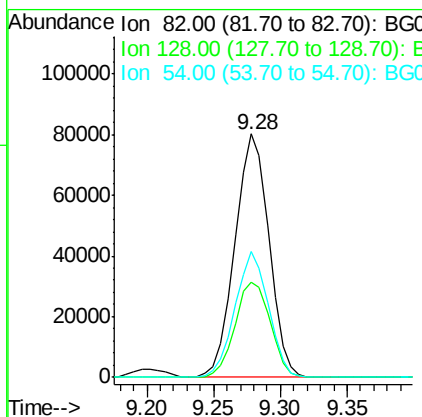
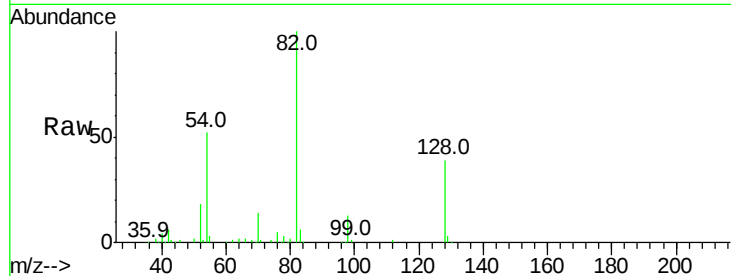




#23
 Nitrobenzene-d5
 Concen: 85.02 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

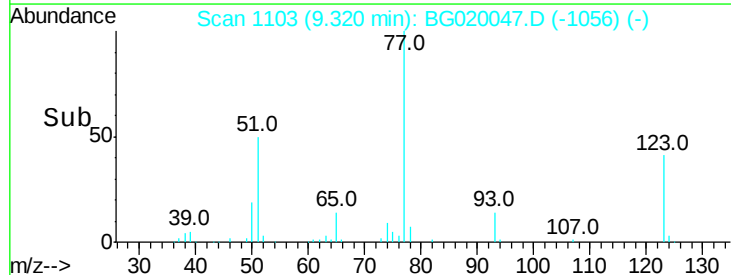
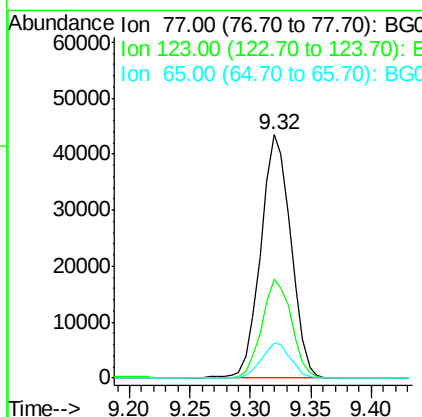
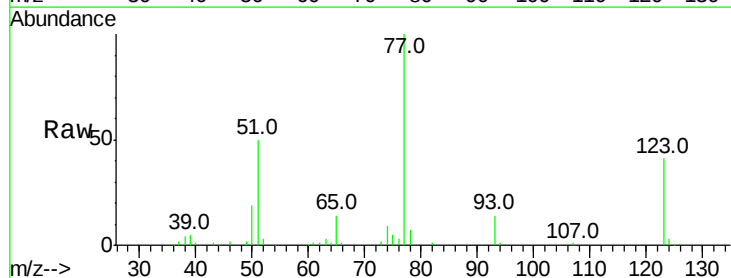
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

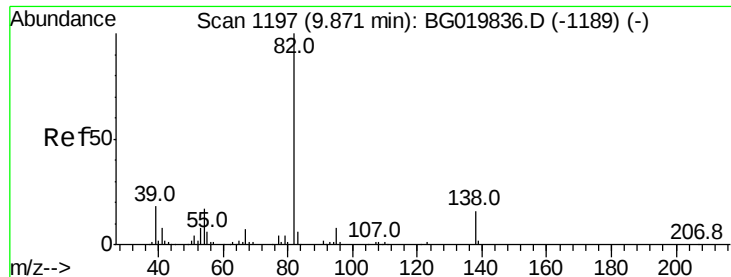
Tot Ion: 82 Resp: 141626
 Ion Ratio Lower Upper
 82 100
 128 39.2 36.7 55.1
 54 51.6 33.8 50.8#



#24
 Nitrobenzene
 Concen: 41.46 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion: 77 Resp: 74916
 Ion Ratio Lower Upper
 77 100
 123 40.8 38.2 57.2
 65 14.2 10.6 16.0





#25

Isophorone

Concen: 38.53 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampled :

ELP-1MSD

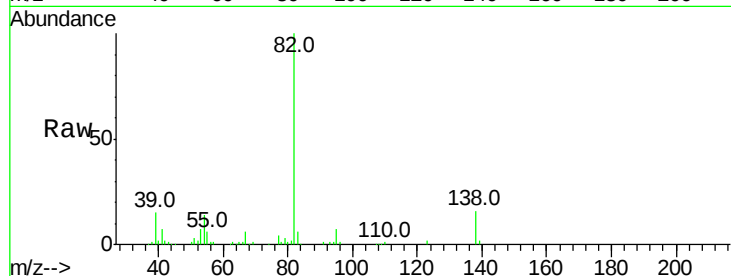
Tot Ion: 82 Resp: 137597

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

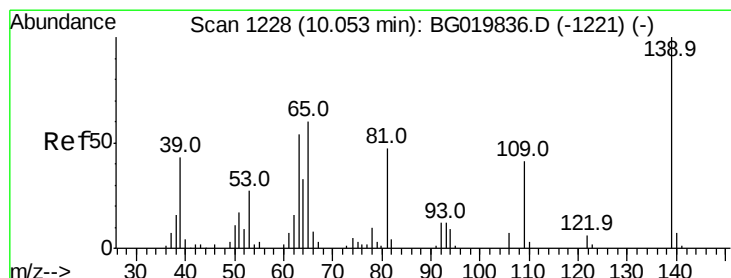
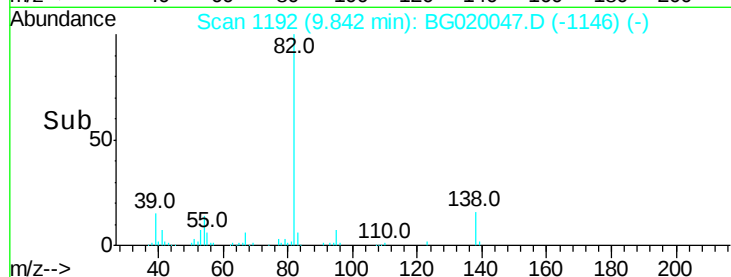
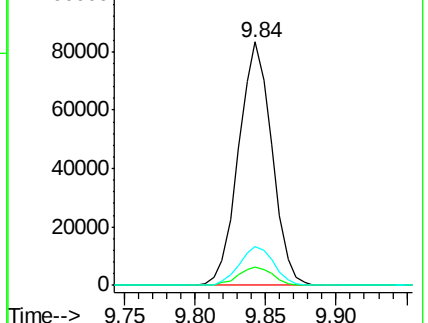
138 15.7 14.4 21.6



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: 44.28 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

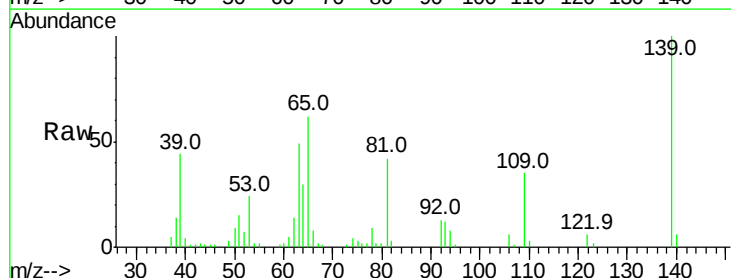
Tgt Ion: 139 Resp: 30902

Ion Ratio Lower Upper

139 100

109 34.8 20.1 30.1#

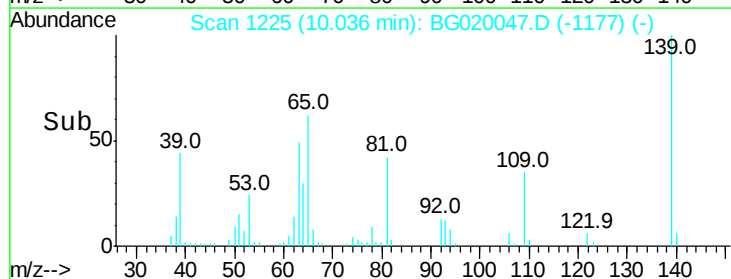
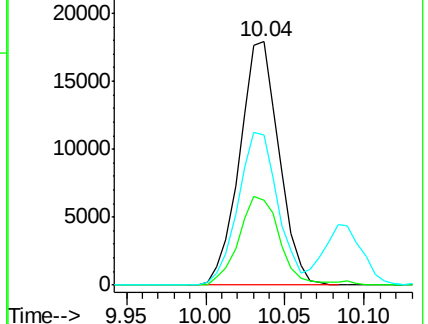
65 61.5 34.1 51.1#

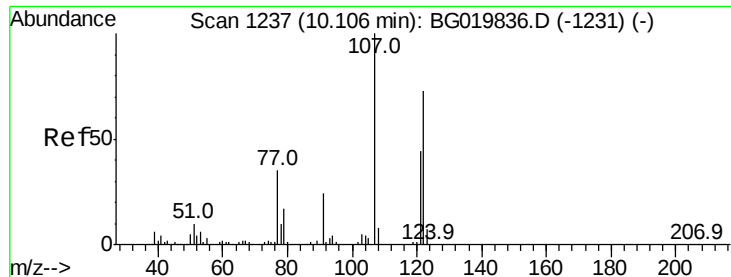


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

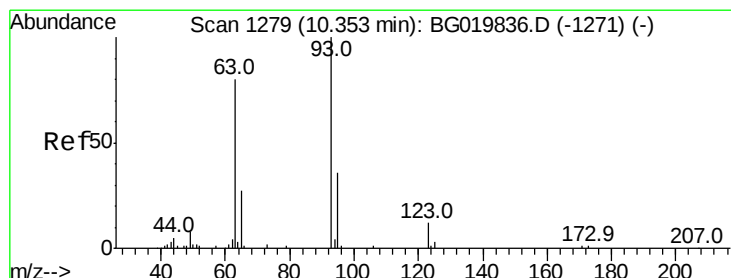
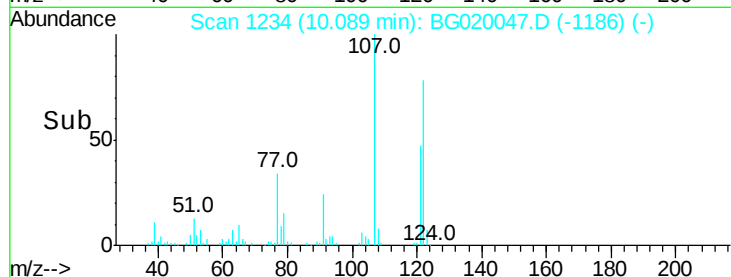
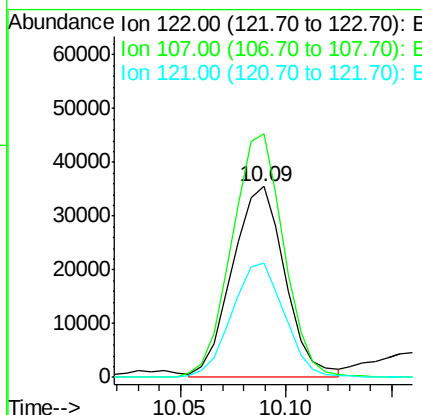
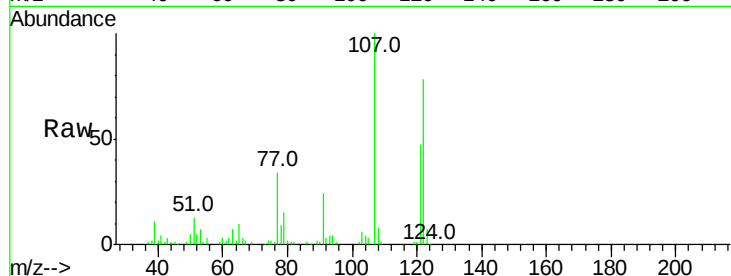




#27
2,4-Dimethylphenol
Concen: 42.20 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

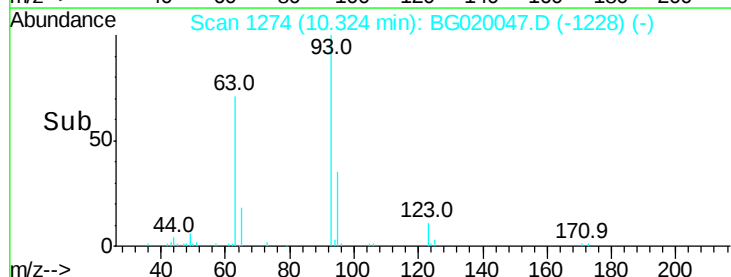
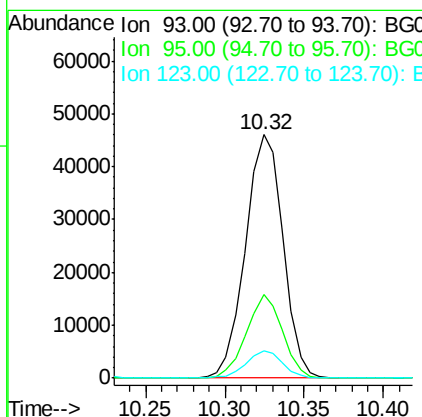
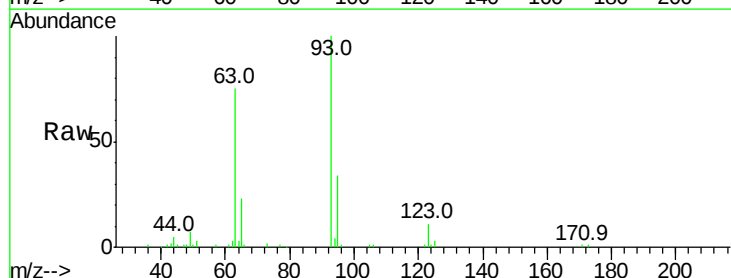
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

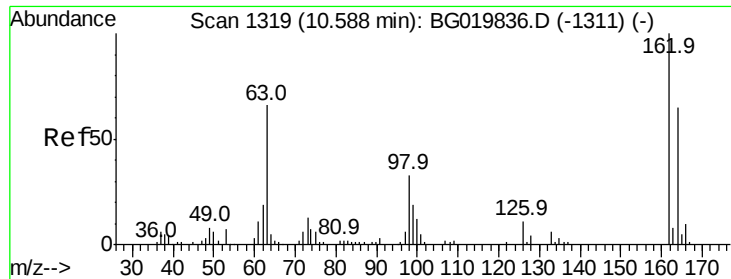
Tot Ion:122 Resp: 61333
Ion Ratio Lower Upper
122 100
107 127.8 91.6 137.4
121 59.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.44 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion: 93 Resp: 75808
Ion Ratio Lower Upper
93 100
95 34.2 25.7 38.5
123 11.0 8.6 12.8

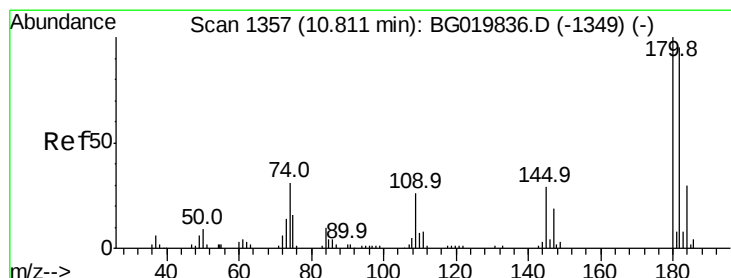
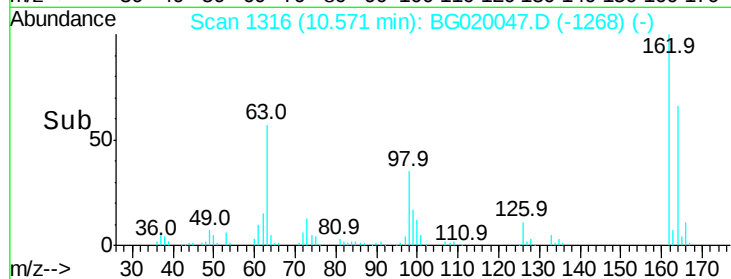
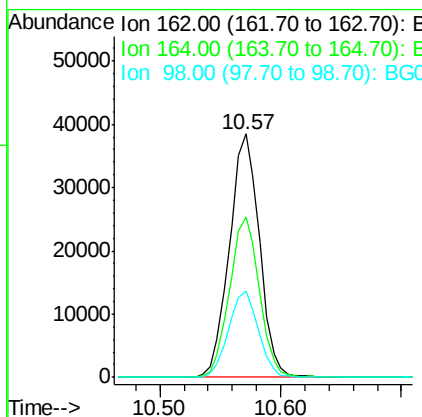
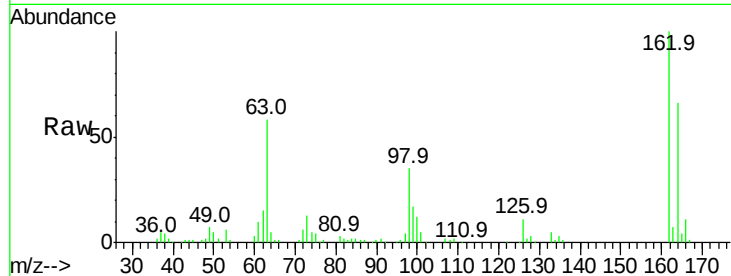




#29
2,4-Dichlorophenol
Concen: 44.99 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

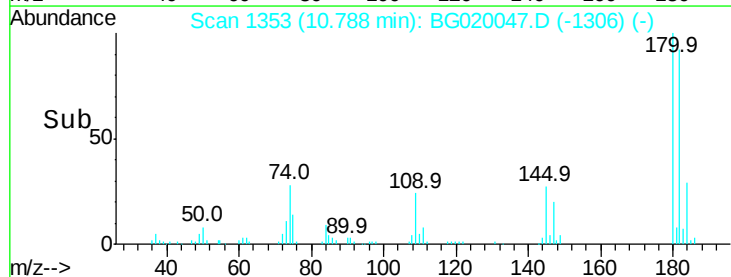
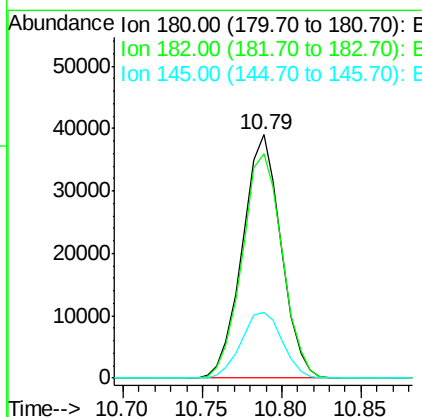
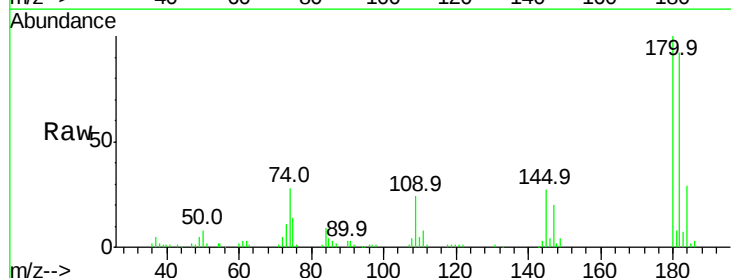
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

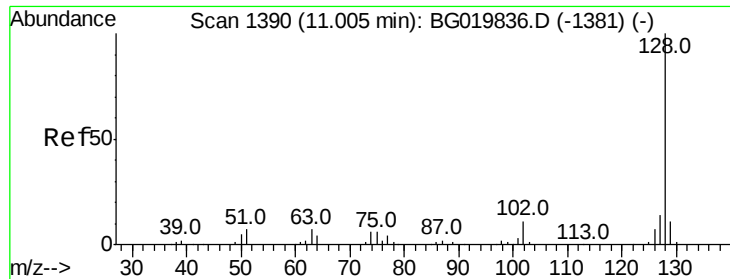
Tot Ion:162 Resp: 66790
Ion Ratio Lower Upper
162 100
164 65.7 42.3 82.3
98 35.3 11.5 51.5



#30
1,2,4-Trichlorobenzene
Concen: 39.31 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:180 Resp: 65952
Ion Ratio Lower Upper
180 100
182 92.3 79.7 119.5
145 26.8 22.0 33.0





#31

Naphthalene

Concen: 41.51 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

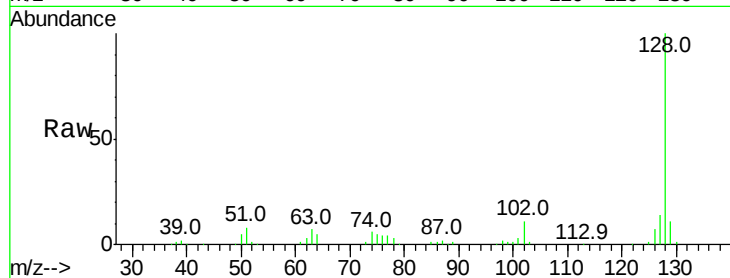
Tot Ion:128 Resp: 189031

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

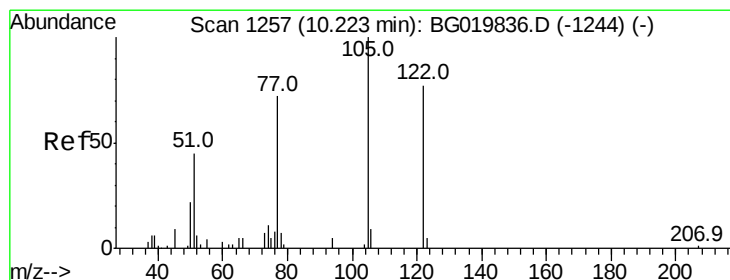
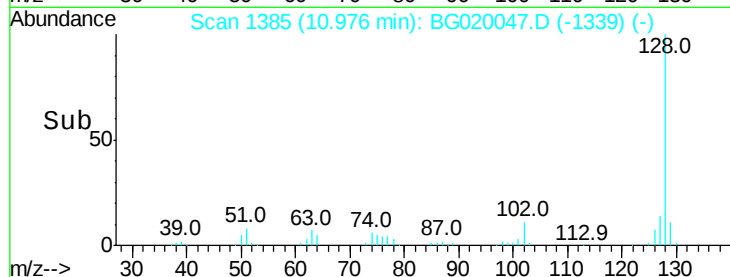
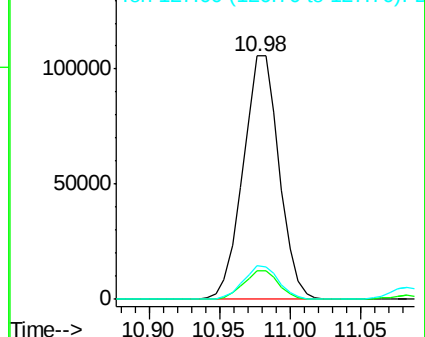
127 13.7 10.6 16.0



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: 43.40 ng

RT: 10.22 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

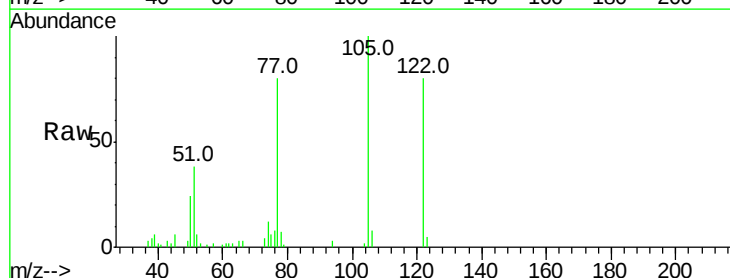
Tgt Ion:122 Resp: 41858

Ion Ratio Lower Upper

122 100

105 125.0 103.8 143.8

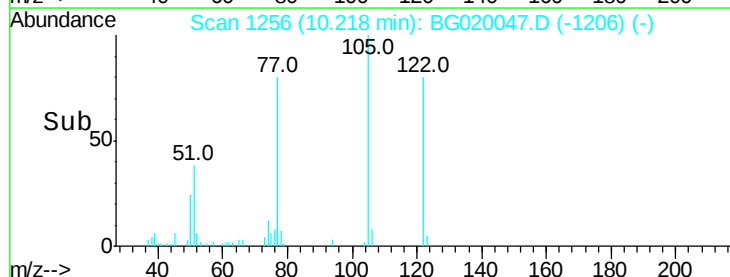
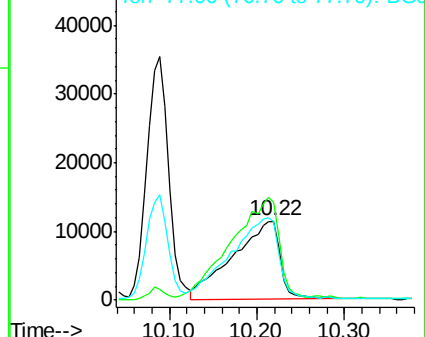
77 99.9 68.8 108.8

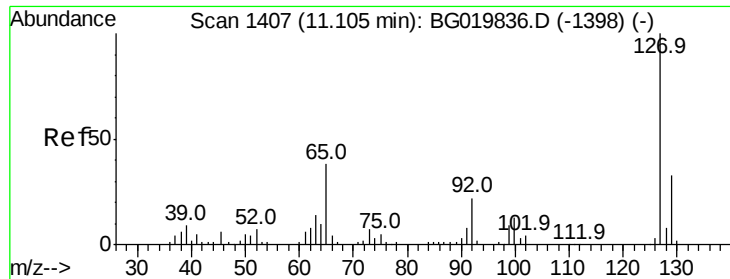


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

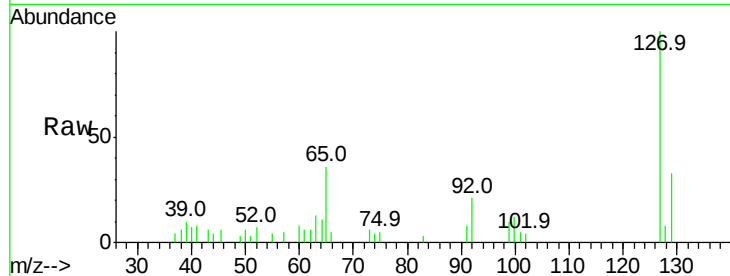




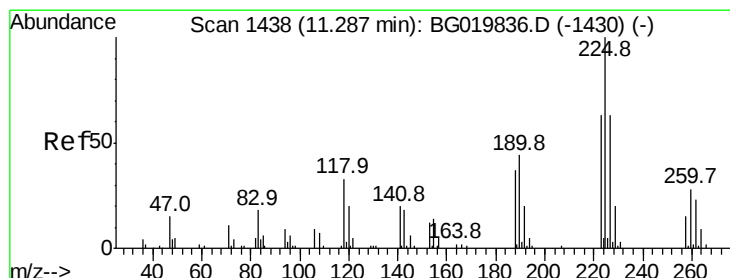
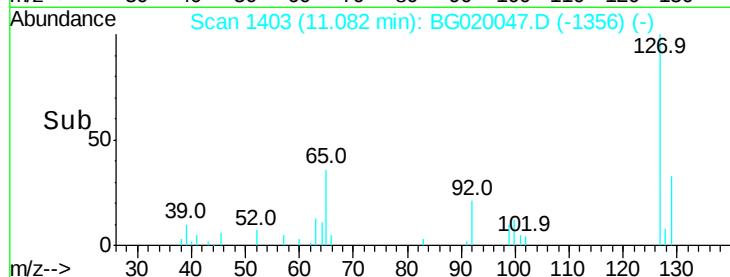
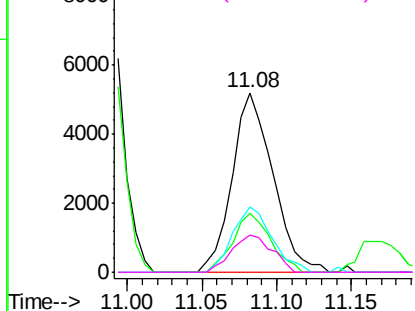
#33
4-Chloroaniline
Concen: 4.92 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

Tot Ion:127 Resp: 9868
Ion Ratio Lower Upper
127 100
129 32.9 24.6 37.0
65 36.2 22.6 33.8#
92 21.0 15.1 22.7

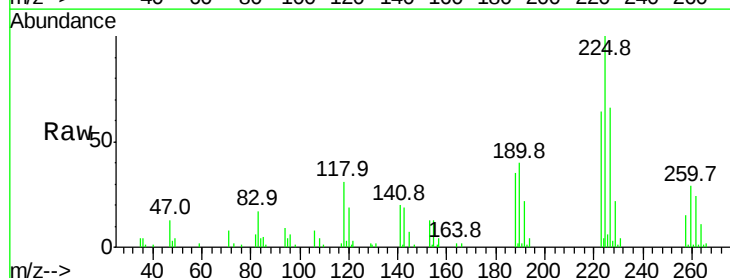


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

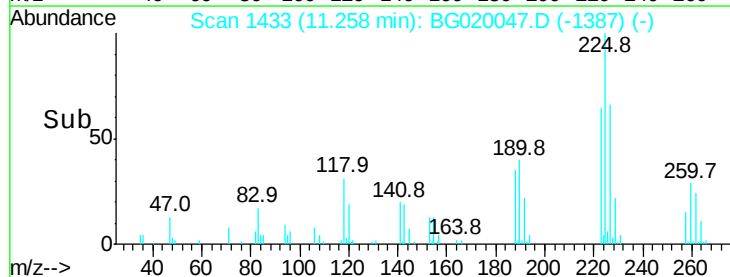
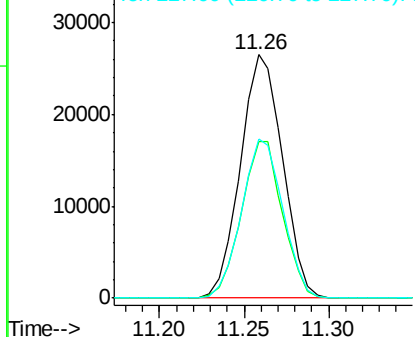


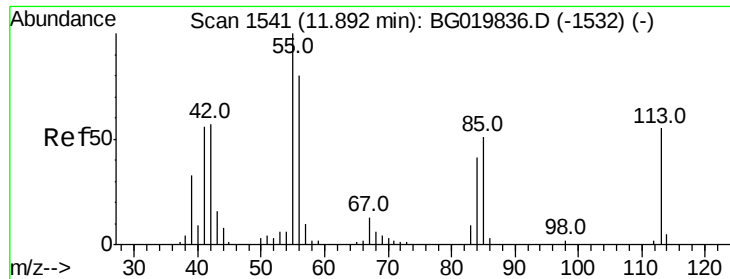
#34
Hexachlorobutadiene
Concen: 37.08 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:225 Resp: 45893
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.4
227 65.5 51.8 77.8



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





#35

Caprolactam

Concen: 35.98 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

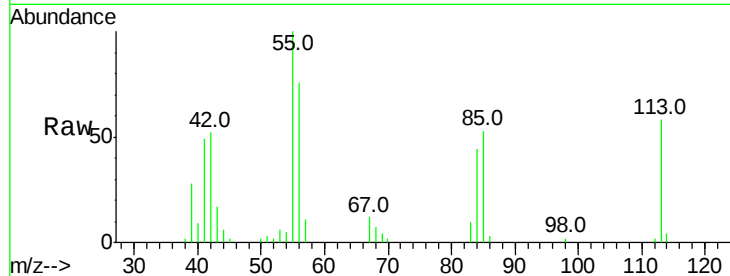
Tot Ion:113 Resp: 19882

Ion Ratio Lower Upper

113 100

55 172.7 135.0 175.0

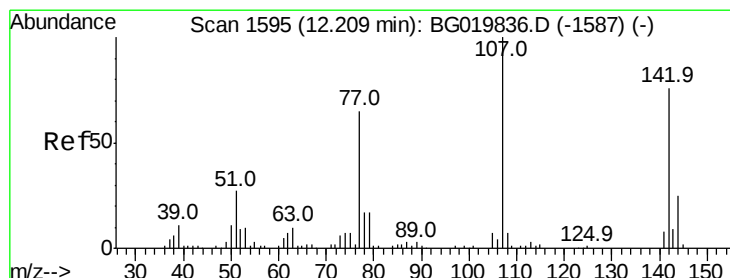
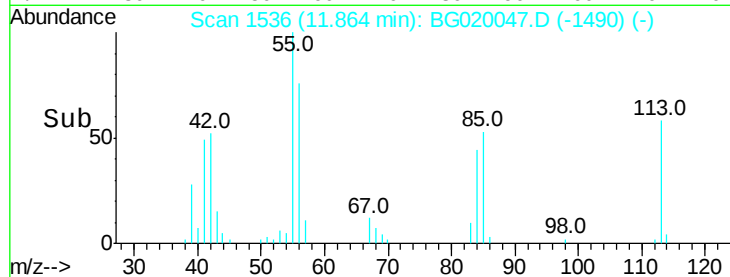
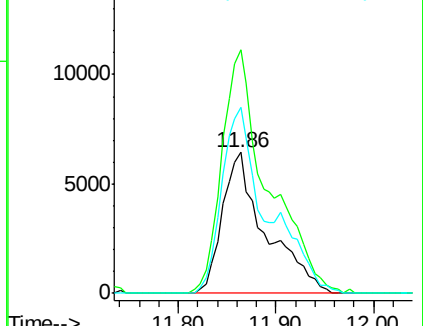
56 131.5 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.05 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

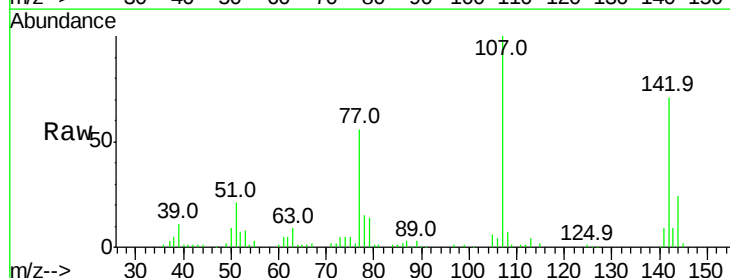
Tgt Ion:107 Resp: 75890

Ion Ratio Lower Upper

107 100

144 24.2 20.6 31.0

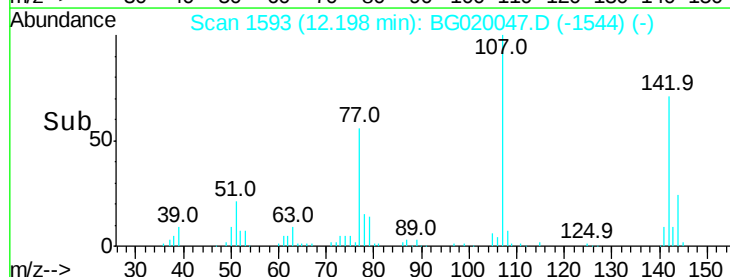
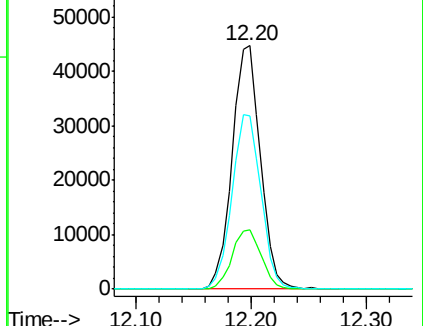
142 71.2 62.6 93.8

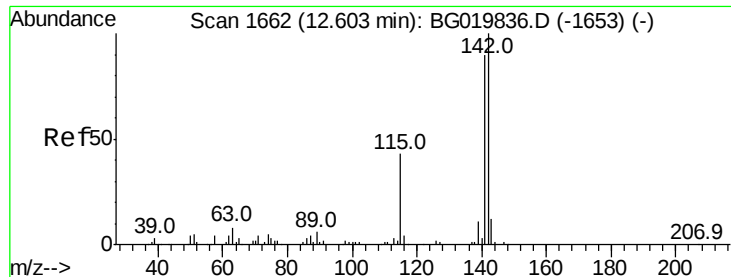


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

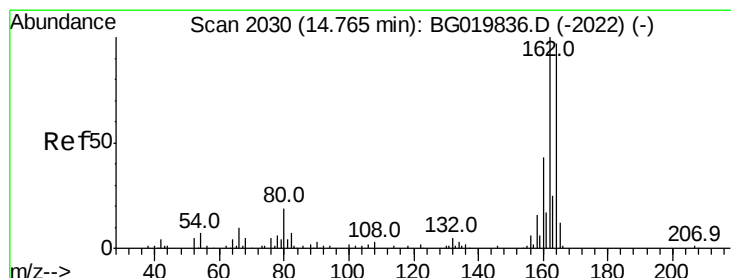
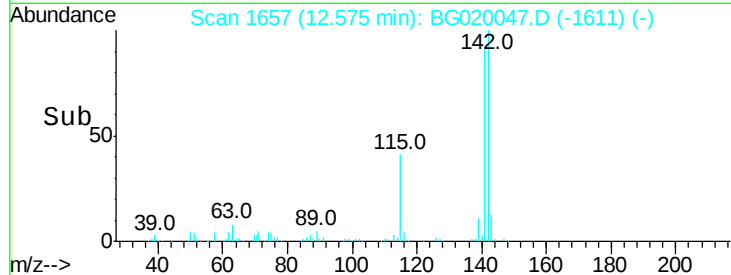
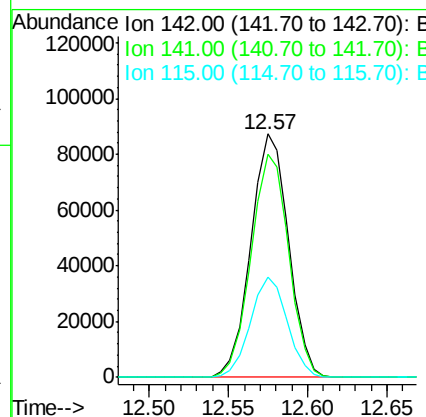
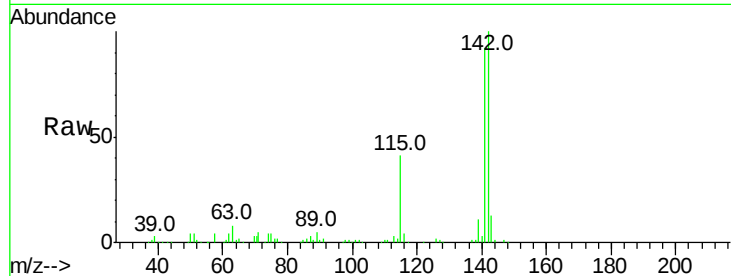




#37
2-Methylnaphthalene
Concen: 43.16 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

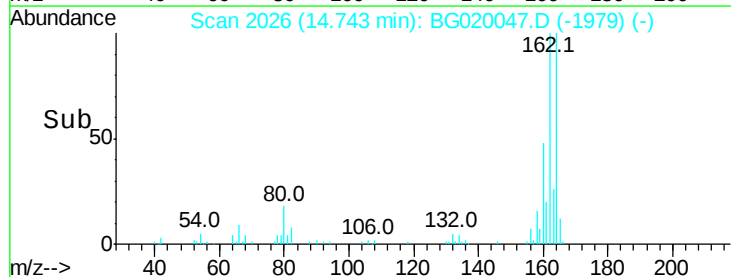
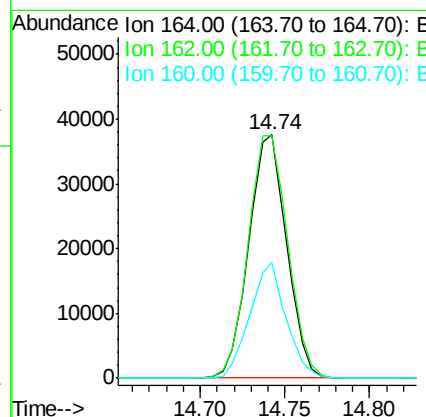
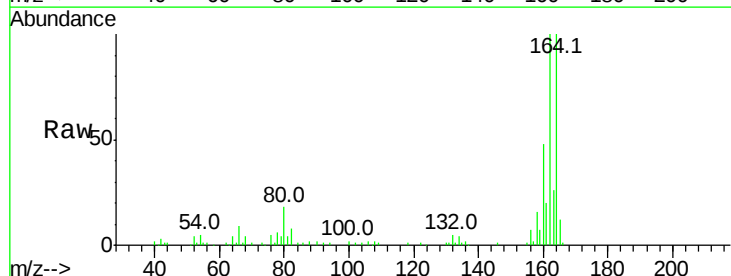
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

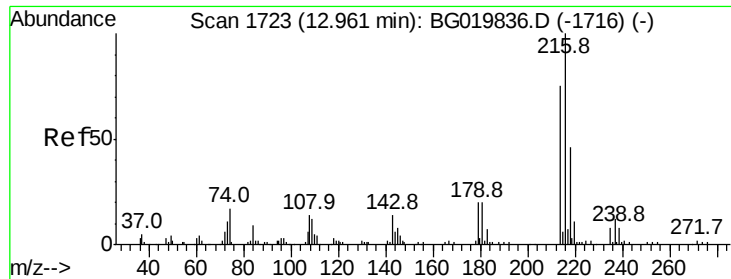
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	112.0
115	40.9	27.4	41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	47.6	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.46 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

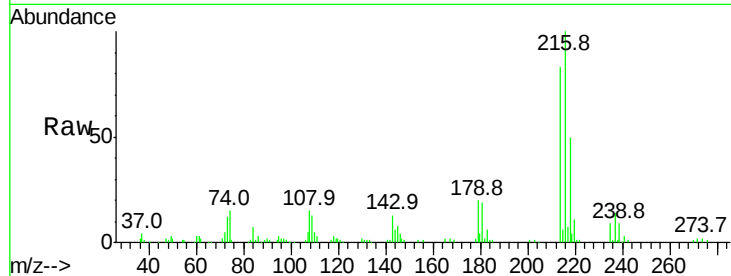
BNA_G

ClientSampleId :

ELP-1MSD

Tot Ion:216 Resp: 92063

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.5	93.7
179	20.2	15.6	23.4
108	16.8	13.3	19.9

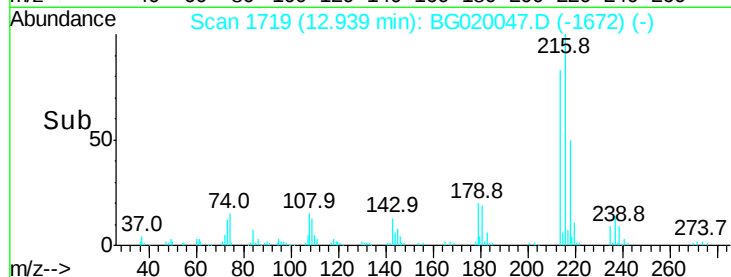


Abundance Ion 216.00 (215.70 to 216.70): E

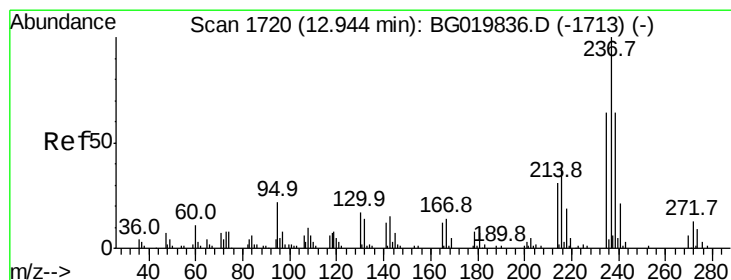
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.85 12.90 12.95 13.00



#40

Hexachlorocyclopentadiene

Concen: 68.51 ng

RT: 12.92 min Scan# 1716

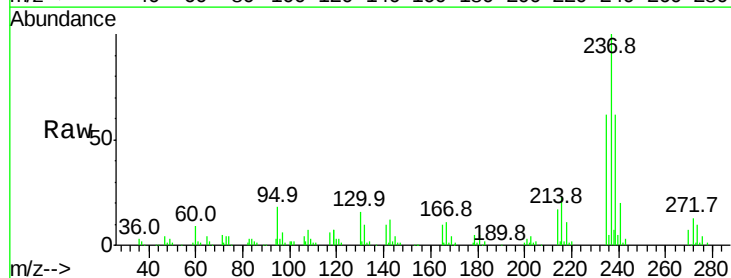
Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Tgt Ion:237 Resp: 86735

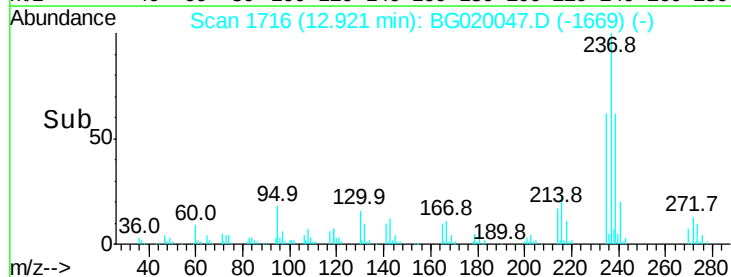
Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.6	84.6
272	12.6	0.0	32.8



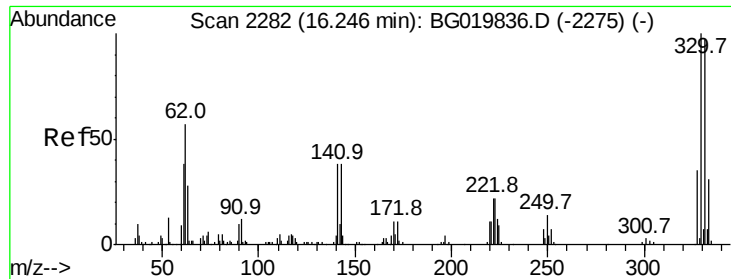
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 12.85 12.90 12.95



#41

2,4,6-Tribromophenol

Concen: 126.37 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

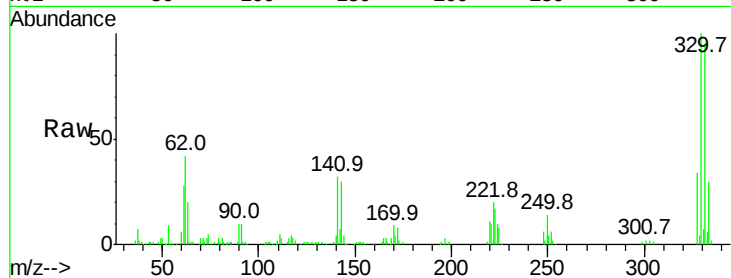
Tot Ion:330 Resp: 113138

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

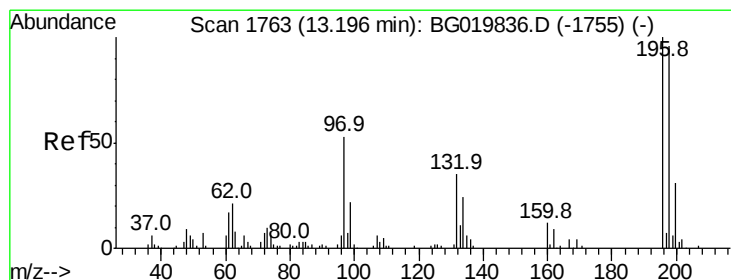
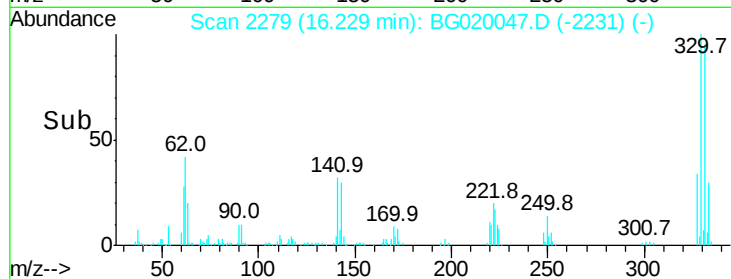
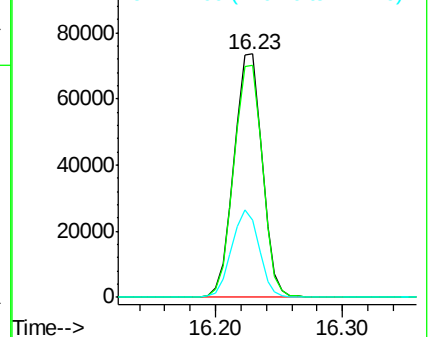
141 35.0 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.29 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

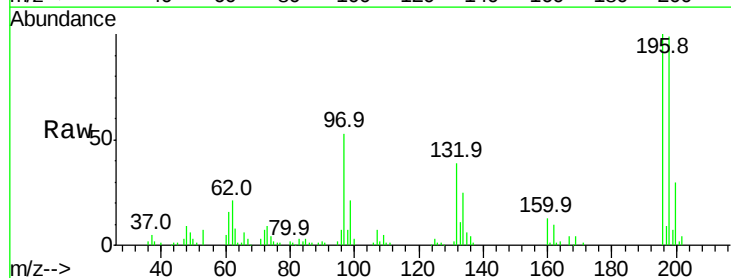
Tgt Ion:196 Resp: 62165

Ion Ratio Lower Upper

196 100

198 99.3 74.7 112.1

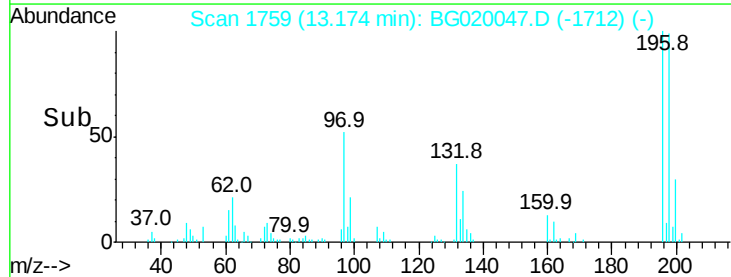
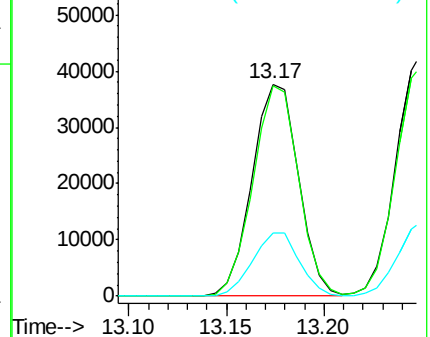
200 29.8 24.1 36.1

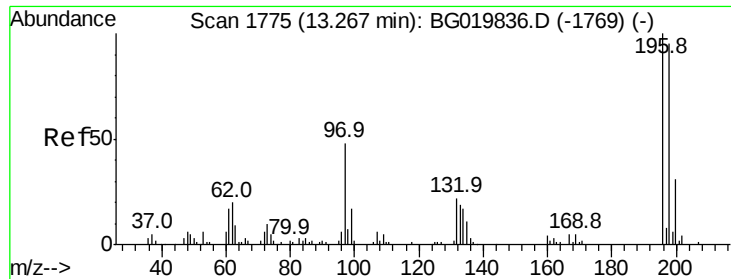


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

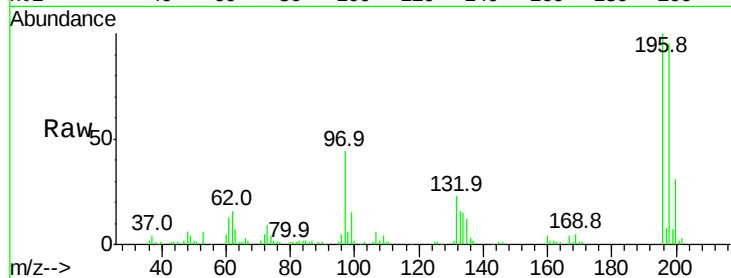




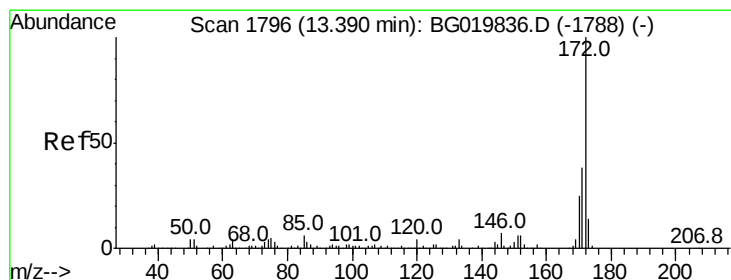
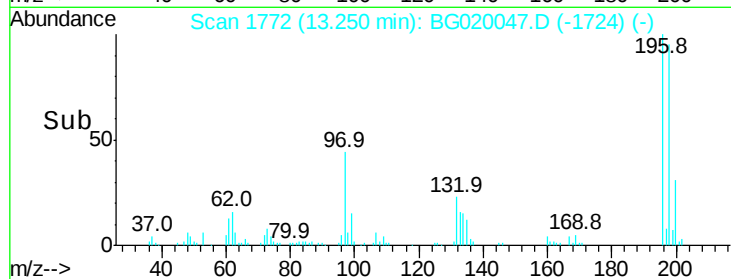
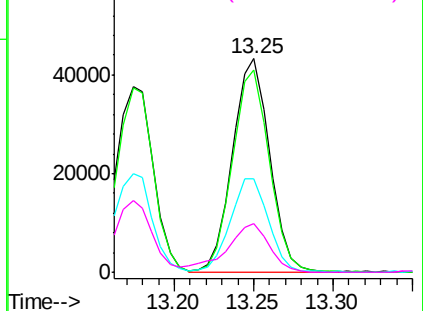
#43
 2,4,5-Trichlorophenol
 Concen: 45.17 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

Tot Ion:	196	Resp:	70188
Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.2	112.8
97	43.9	34.2	51.2
132	22.9	21.8	32.6

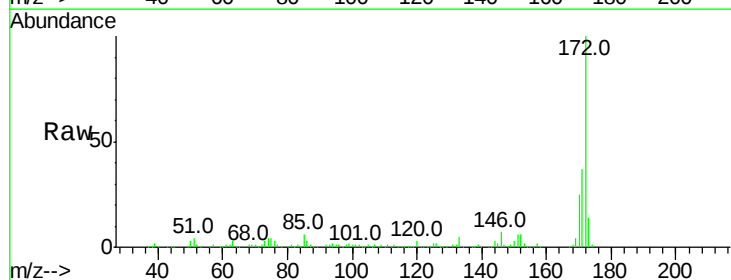


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

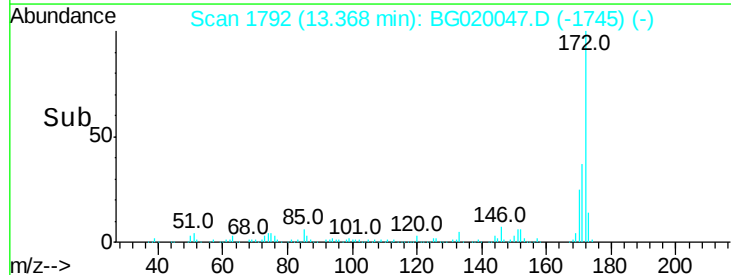
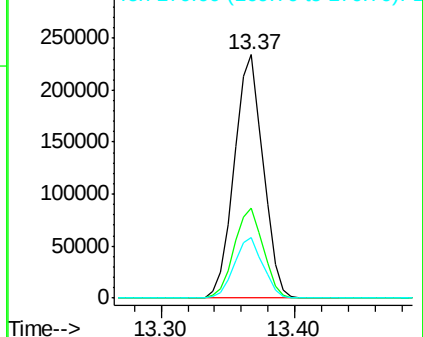


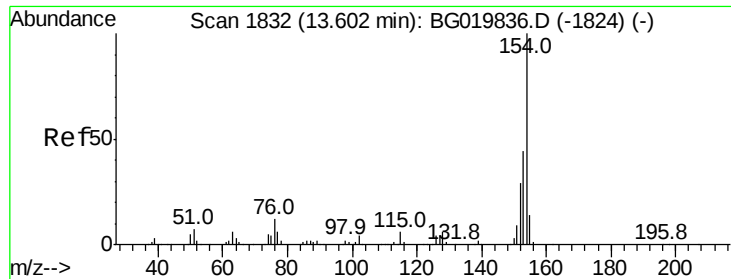
#44
 2-Fluorobiphenyl
 Concen: 81.92 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:	172	Resp:	351040
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.9	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

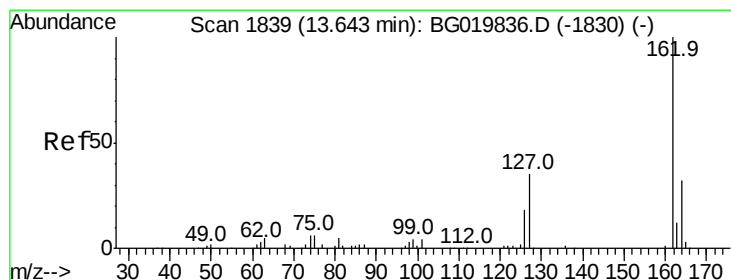
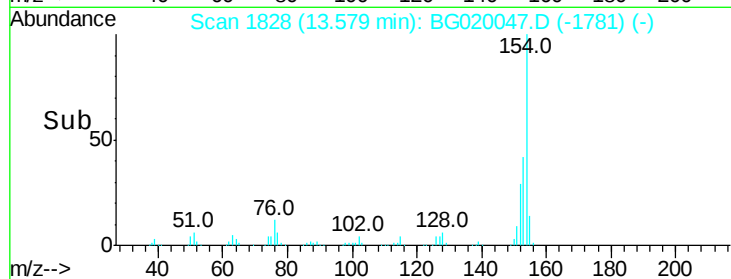
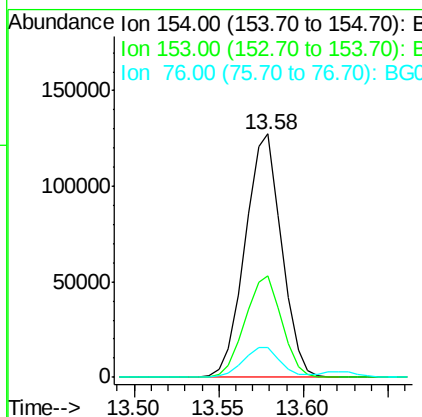
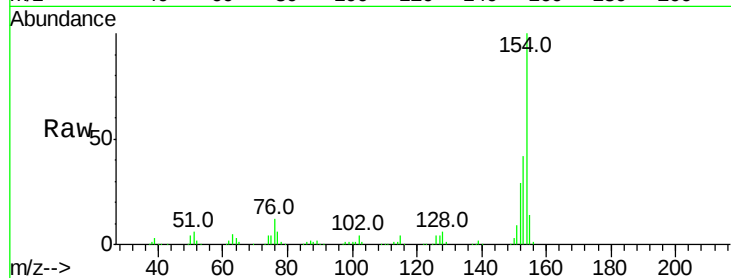




#45
 1,1'-Biphenyl
 Concen: 39.82 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

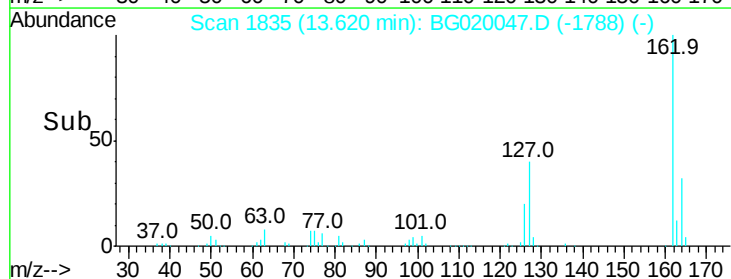
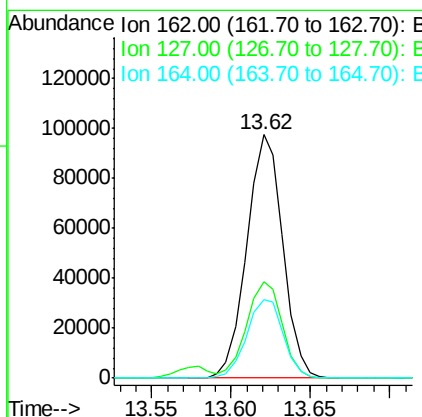
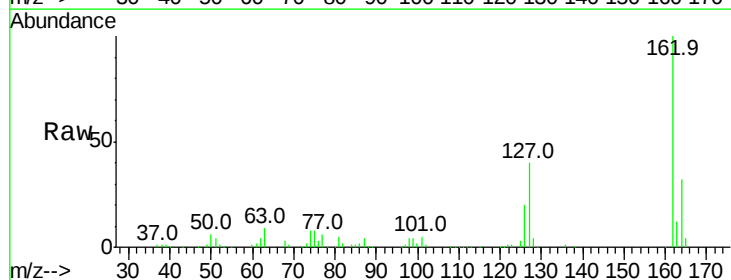
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

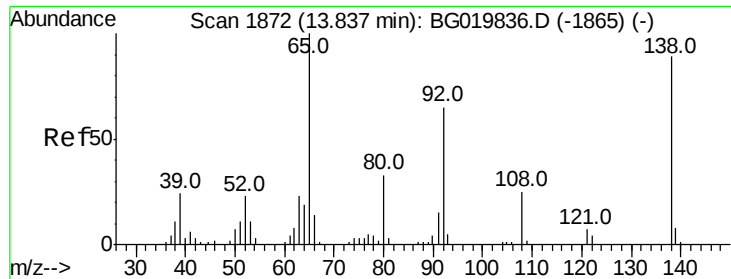
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.2	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	28.3	42.5
164	32.2	27.4	41.0

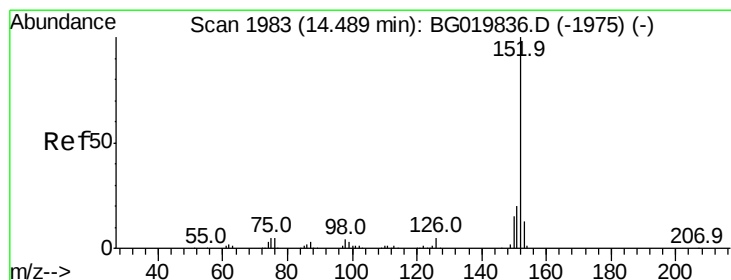
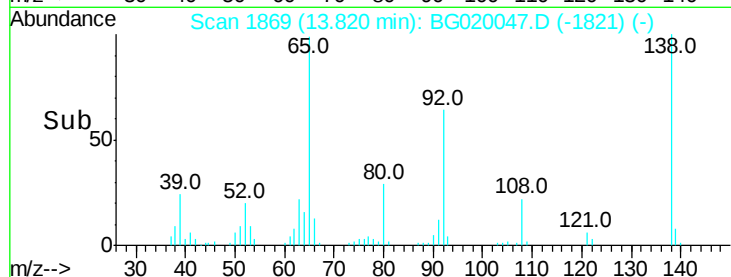
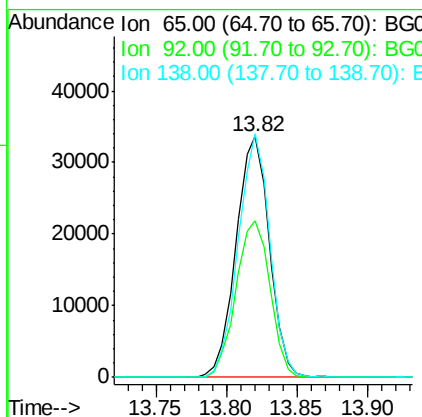
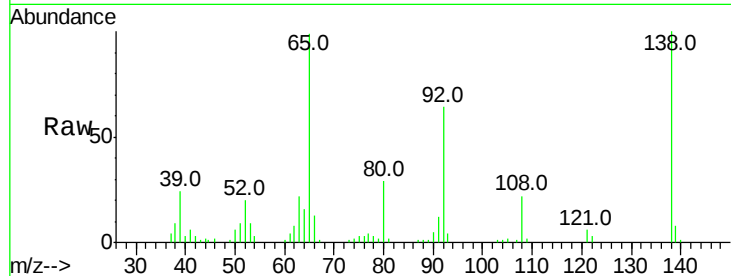




#47
2-Nitroaniline
Concen: 47.35 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

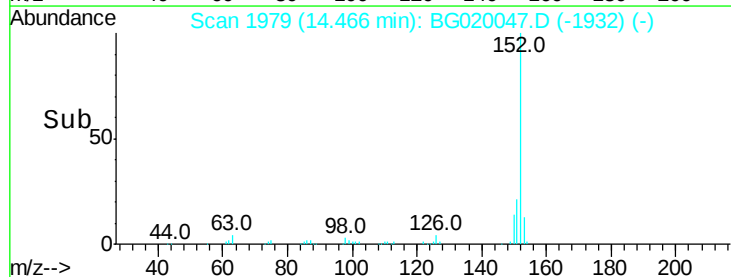
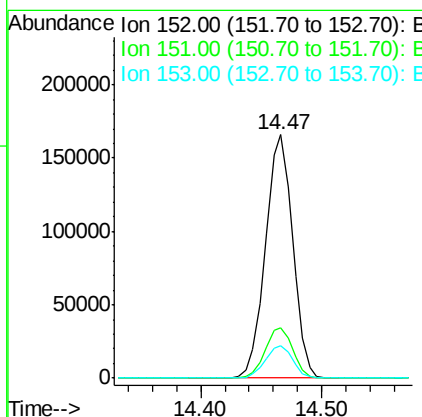
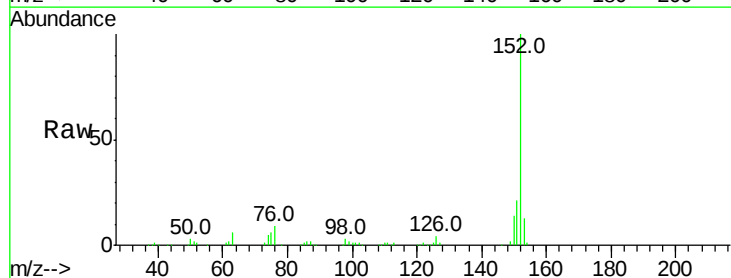
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

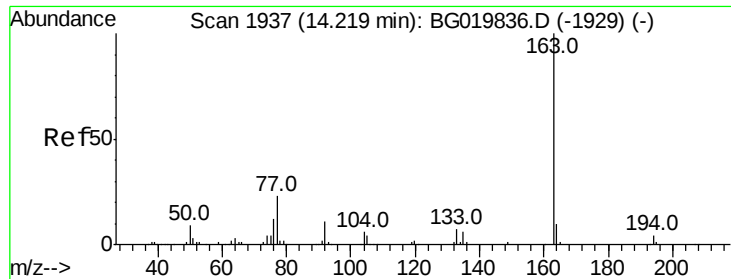
Tot Ion: 65 Resp: 55355
Ion Ratio Lower Upper
65 100
92 65.1 54.8 82.2
138 101.1 89.6 134.4



#48
Acenaphthylene
Concen: 40.99 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion: 152 Resp: 258429
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 41.63 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

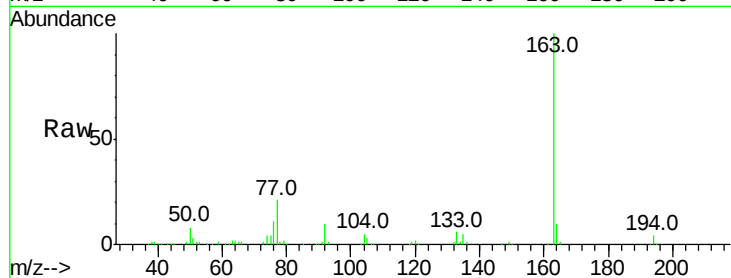
Tot Ion:163 Resp: 219101

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

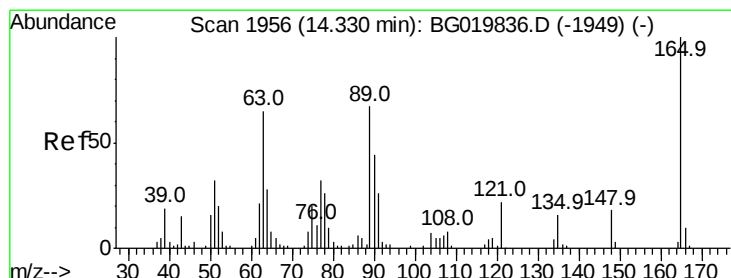
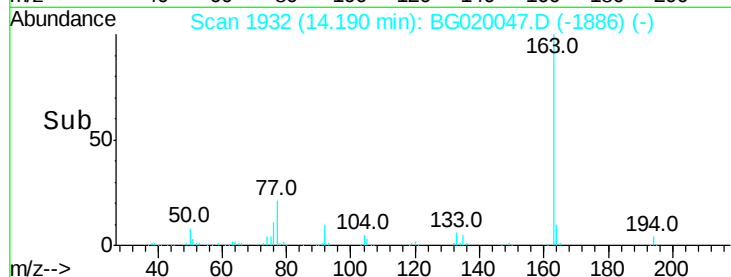
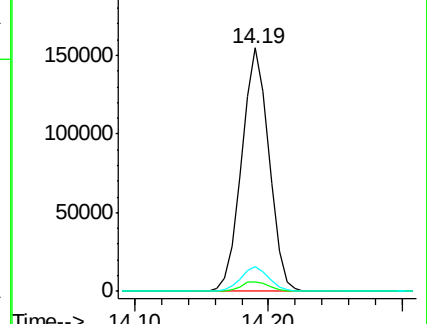
164 10.0 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 47.43 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

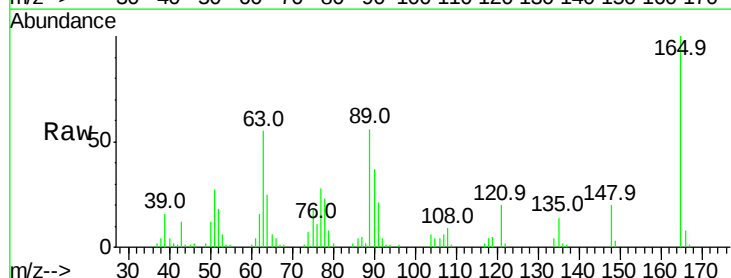
Tgt Ion:165 Resp: 46940

Ion Ratio Lower Upper

165 100

63 55.2 35.7 53.5#

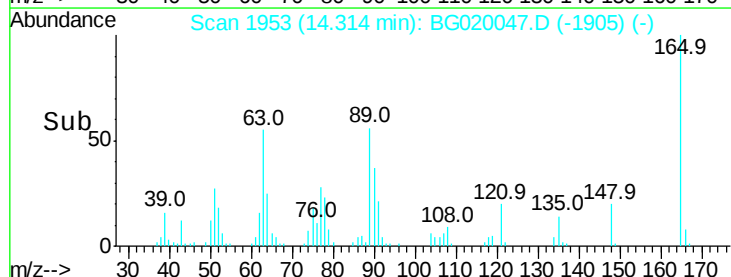
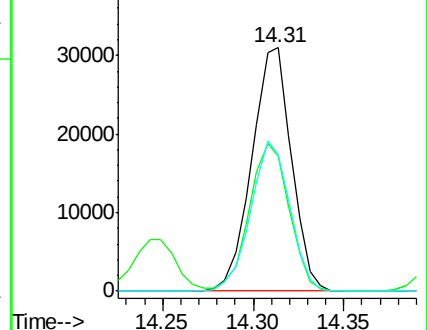
89 56.1 39.7 59.5

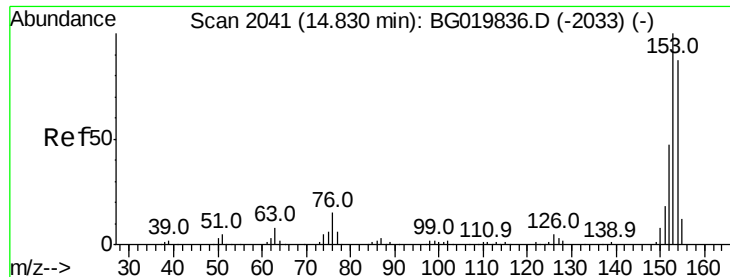


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.67 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

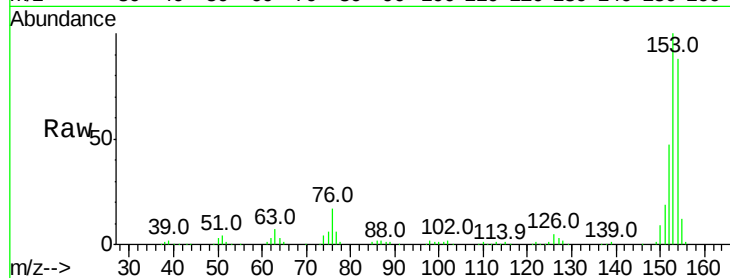
Tot Ion:154 Resp: 155594

Ion Ratio Lower Upper

154 100

153 113.6 92.9 139.3

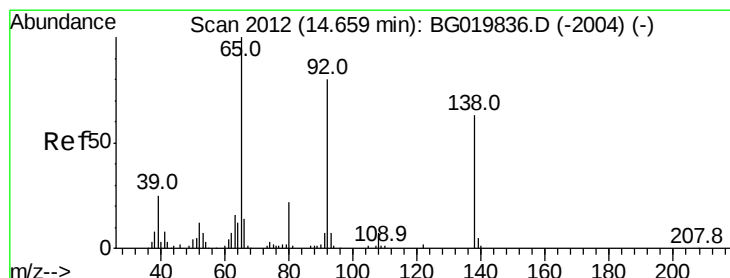
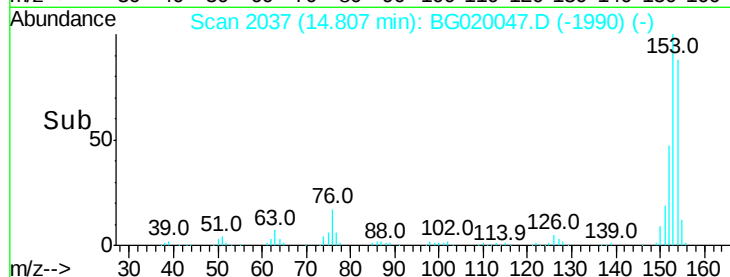
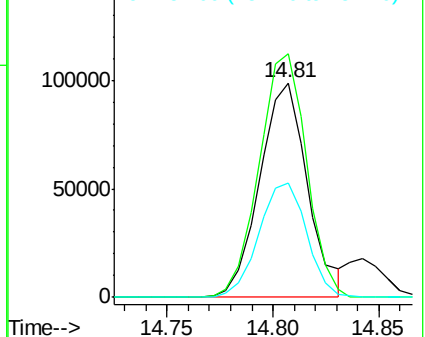
152 53.2 45.8 68.8



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



#52

3-Nitroaniline

Concen: 17.41 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

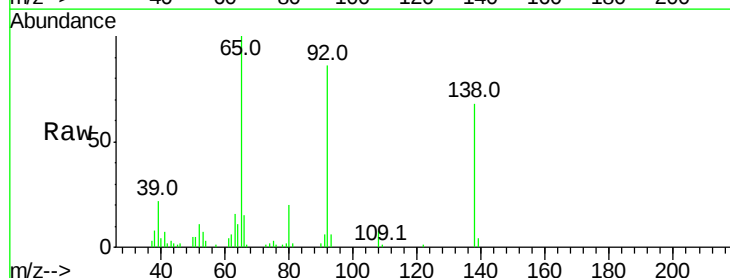
Tgt Ion:138 Resp: 17898

Ion Ratio Lower Upper

138 100

108 12.3 7.9 11.9#

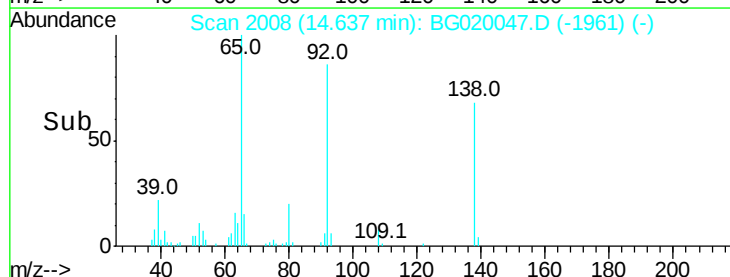
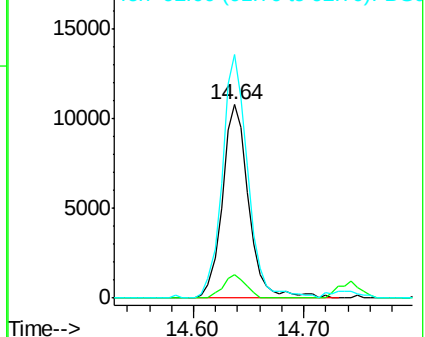
92 126.1 94.2 141.4

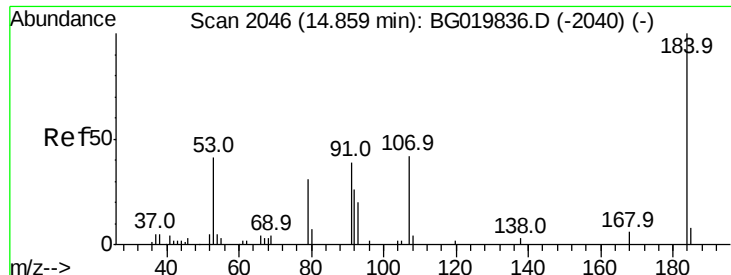


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

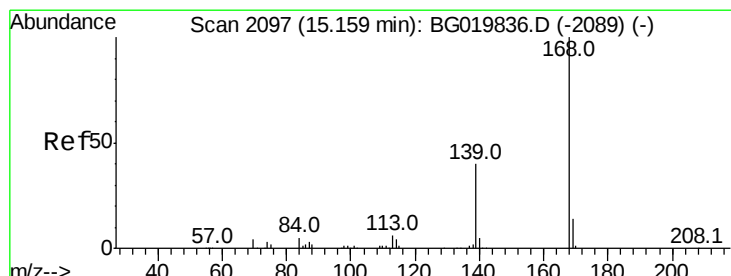
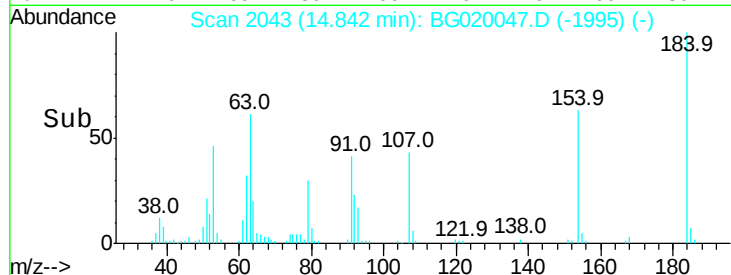
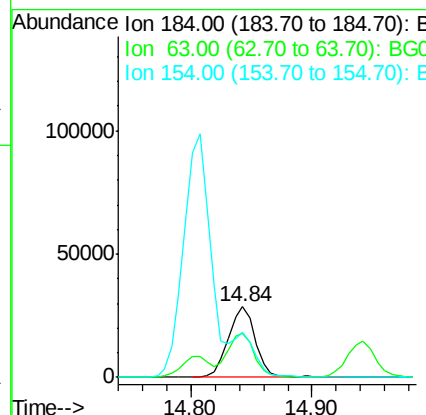
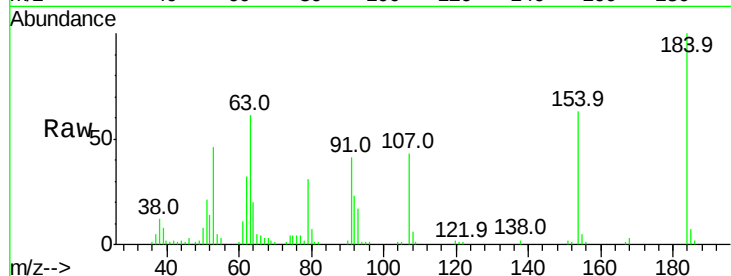




#53
 2,4-Dinitrophenol
 Concen: 84.67 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

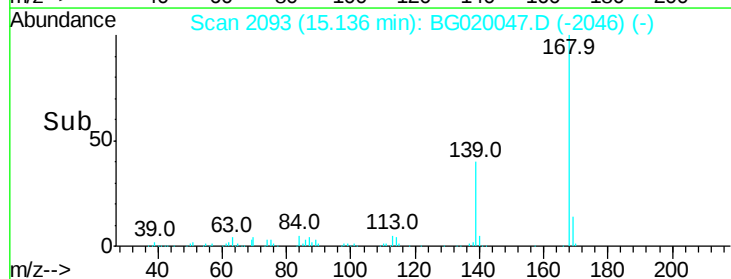
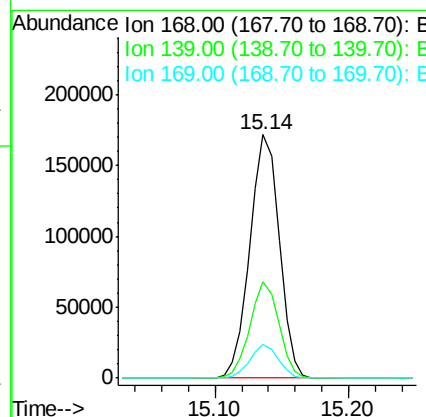
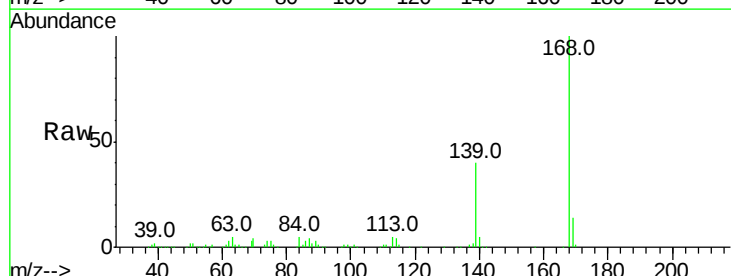
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

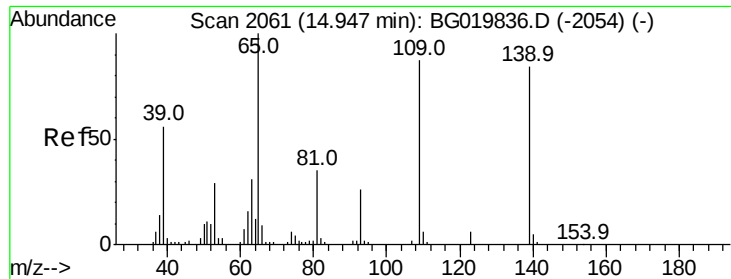
Tot Ion:184 Resp: 44910
 Ion Ratio Lower Upper
 184 100
 63 61.5 42.7 64.1
 154 63.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 45.70 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:168 Resp: 260059
 Ion Ratio Lower Upper
 168 100
 139 39.8 27.4 41.0
 169 13.7 11.0 16.4

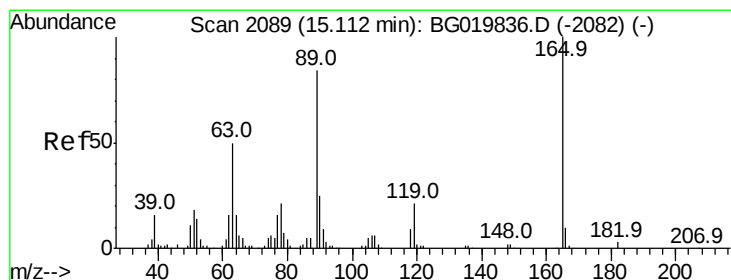
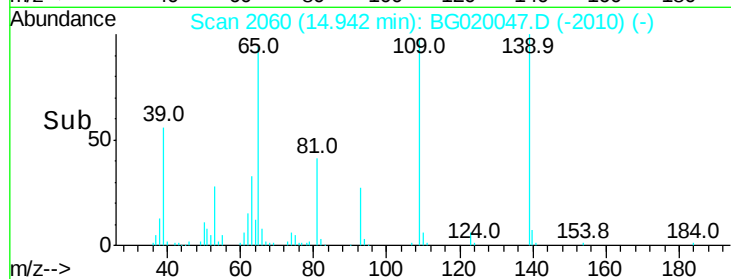
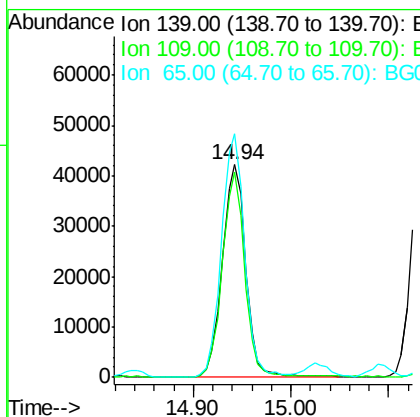
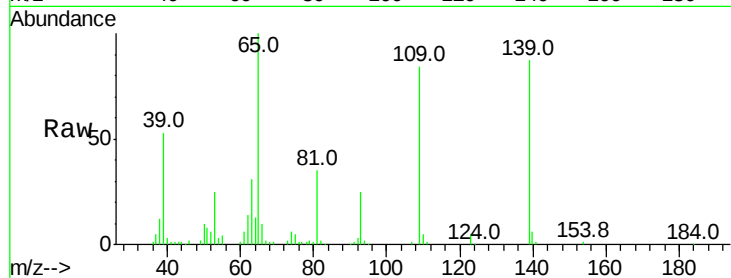




#55
4-Nitrophenol
Concen: 78.92 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

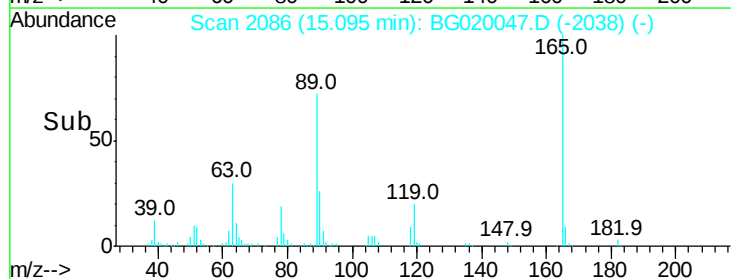
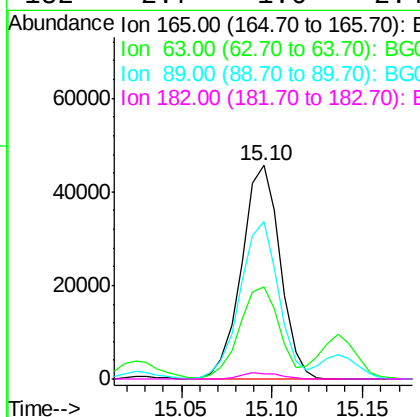
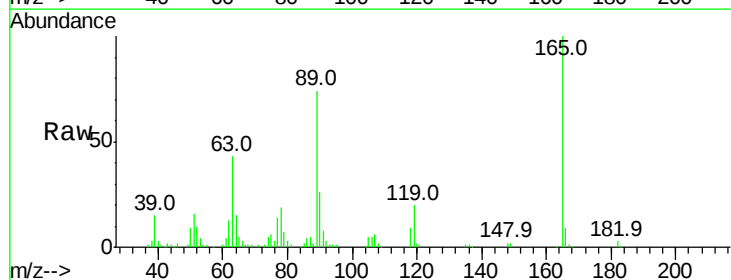
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

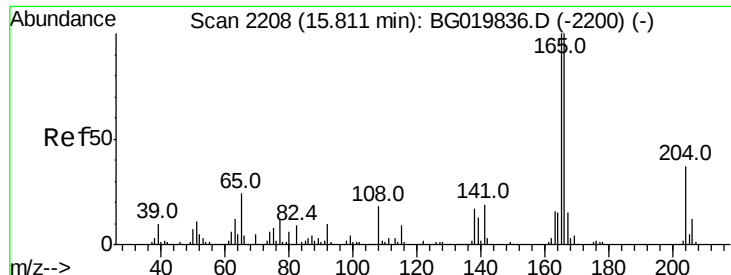
Tot Ion:139 Resp: 70668
Ion Ratio Lower Upper
139 100
109 96.7 43.2 83.2#
65 114.5 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 48.74 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:165 Resp: 67297
Ion Ratio Lower Upper
165 100
63 43.4 31.0 46.4
89 73.6 54.4 81.6
182 2.7 1.6 2.4#

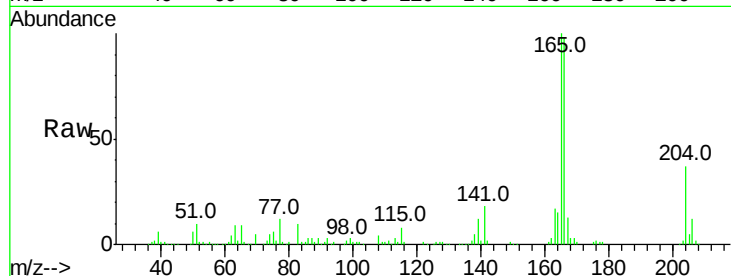




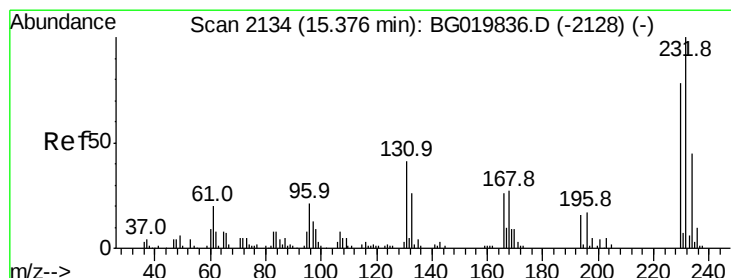
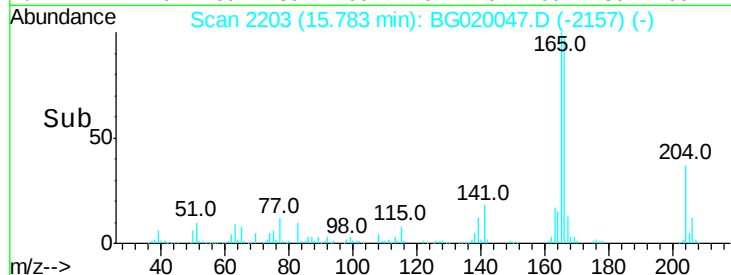
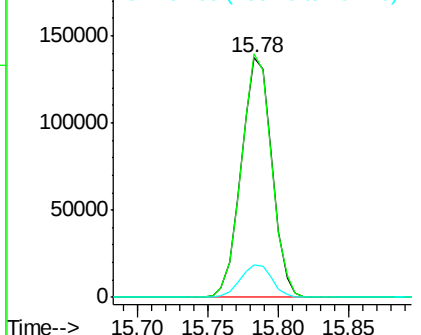
#57
Fluorene
 Concen: 41.03 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.0	120.0
167	13.7	11.1	16.7



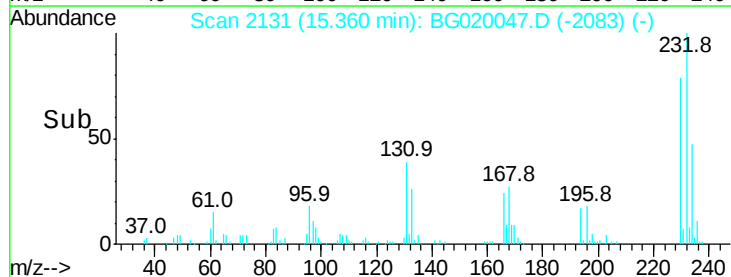
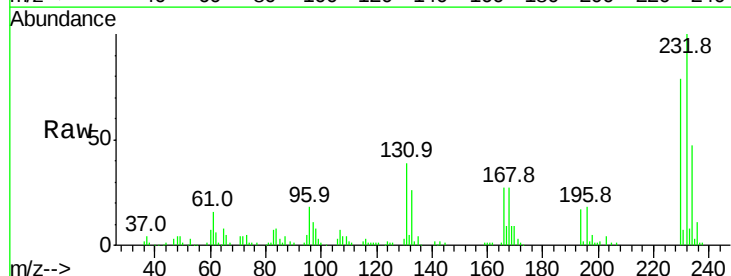
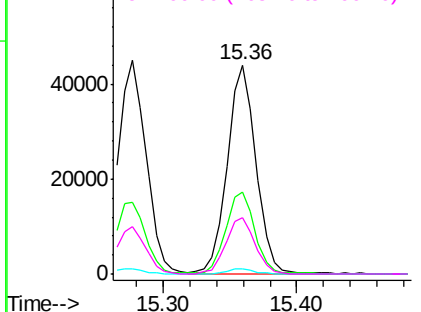
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

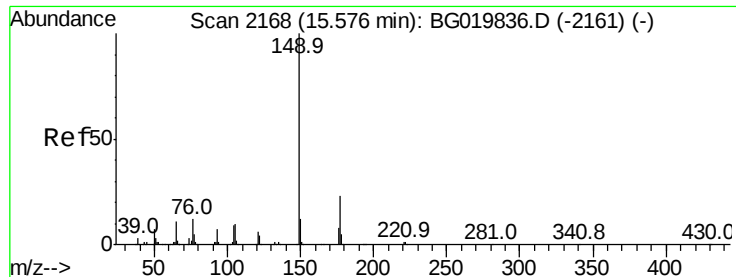


#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.19 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.0	49.6
130	2.5	2.0	3.0
166	26.9	24.1	36.1

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





#59

Diethylphthalate

Concen: 38.35 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

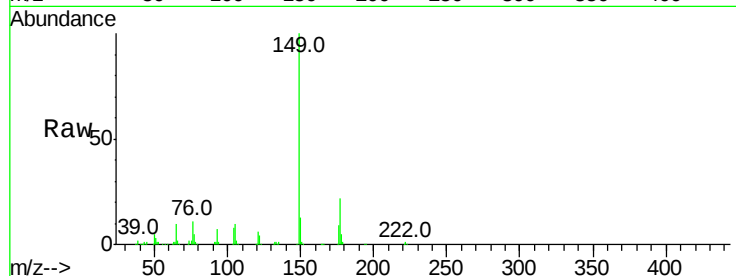
Tot Ion:149 Resp: 218482

Ion Ratio Lower Upper

149 100

177 22.4 19.6 29.4

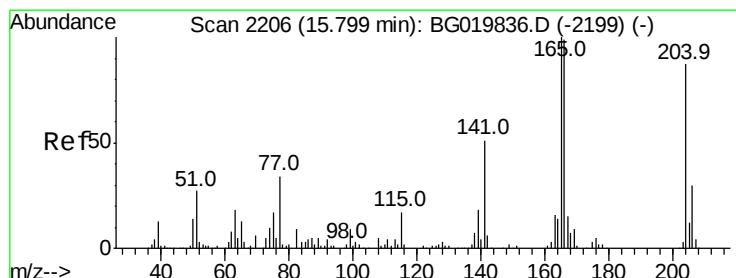
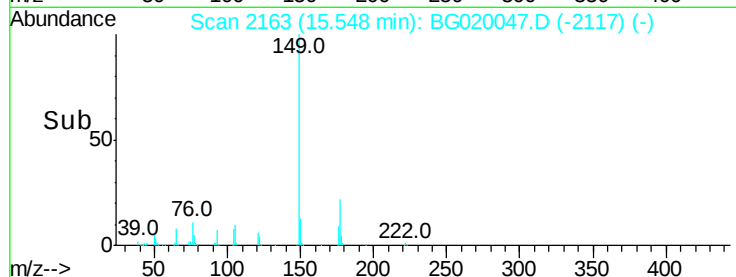
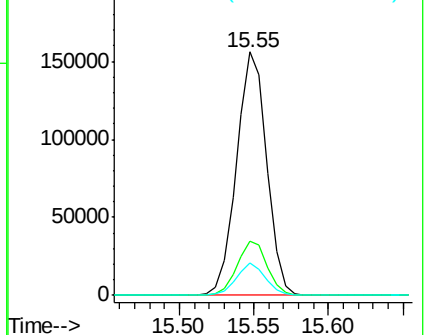
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.59 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

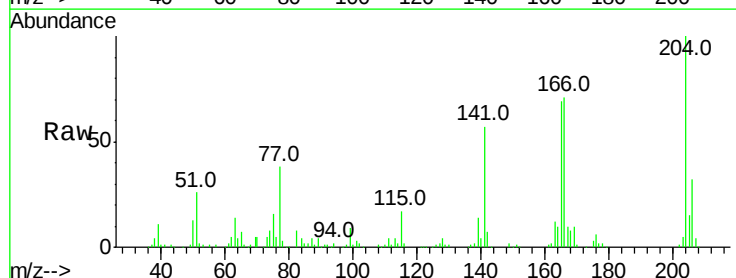
Tgt Ion:204 Resp: 115806

Ion Ratio Lower Upper

204 100

206 31.7 28.3 42.5

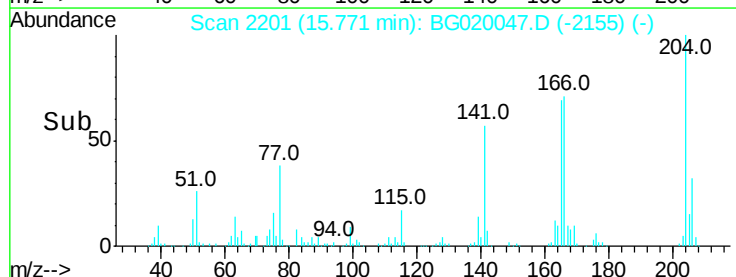
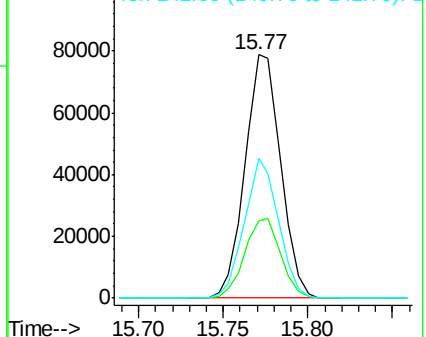
141 57.5 44.0 66.0

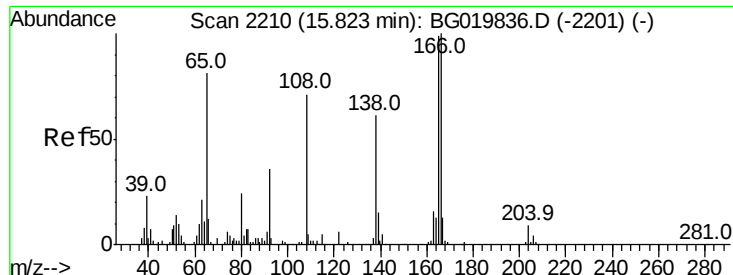


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

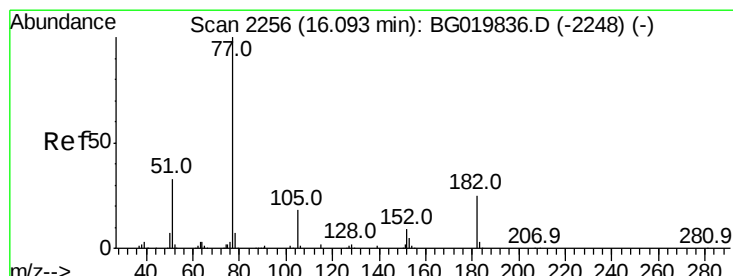
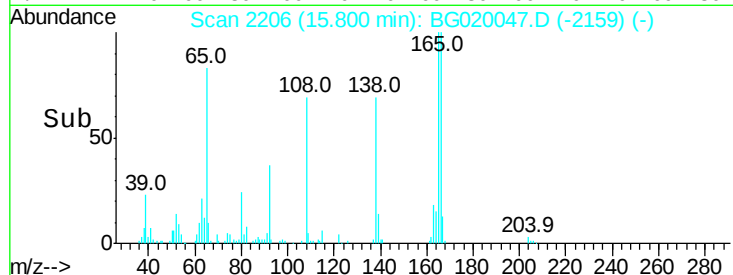
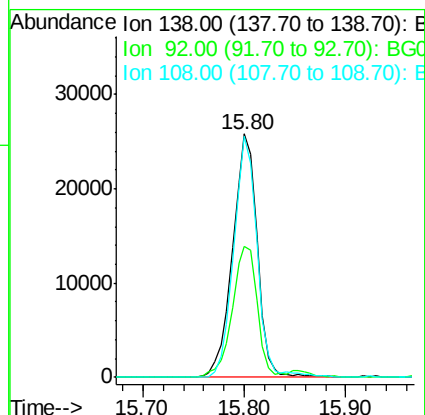
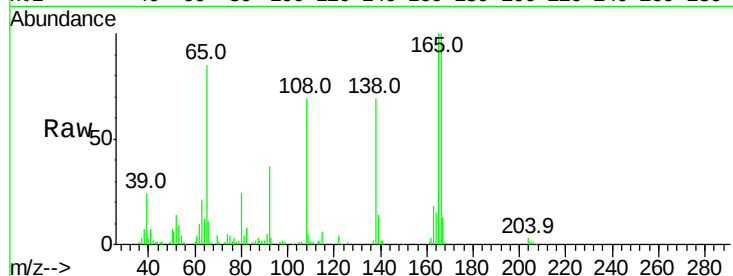




#61
4-Nitroaniline
Concen: 37.73 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

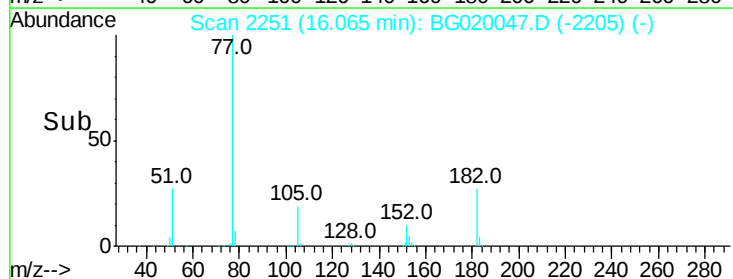
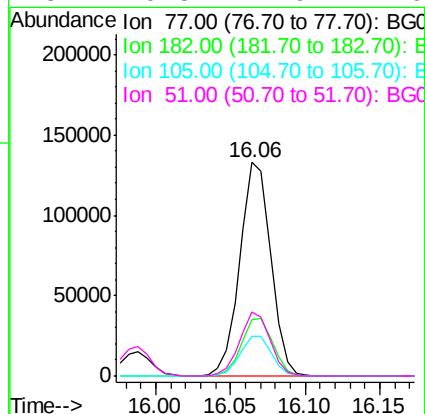
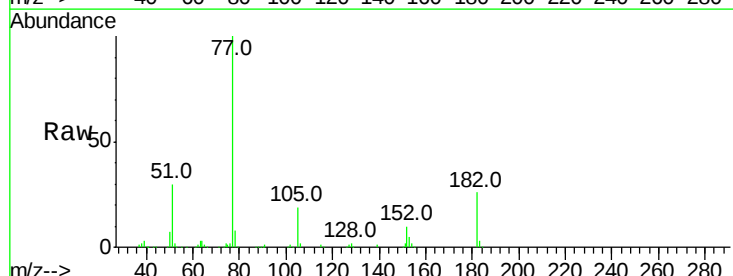
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

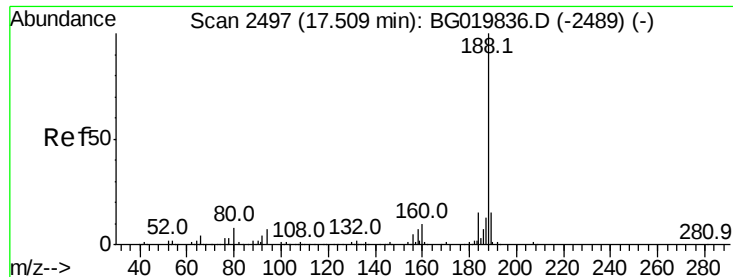
Tot Ion:138 Resp: 43631
Ion Ratio Lower Upper
138 100
92 53.7 29.1 69.1
108 99.3 49.8 89.8#



#62
Azobenzene
Concen: 40.53 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion: 77 Resp: 192093
Ion Ratio Lower Upper
77 100
182 26.1 7.0 47.0
105 18.7 1.4 41.4
51 29.8 4.9 44.9

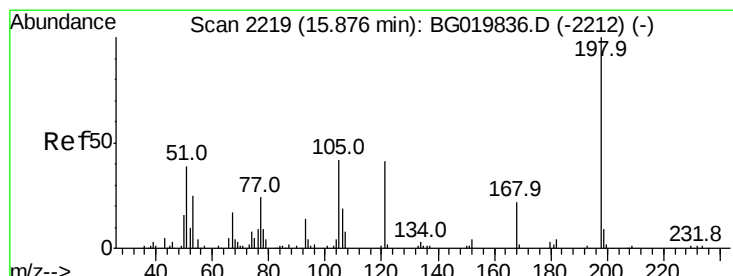
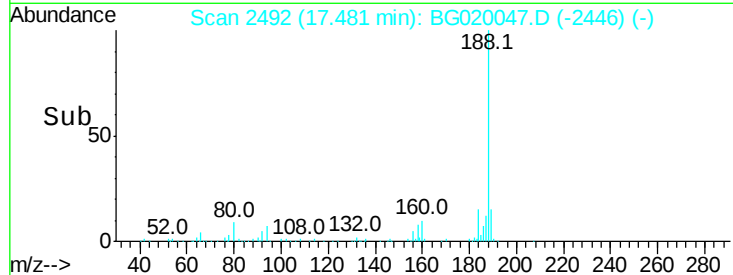
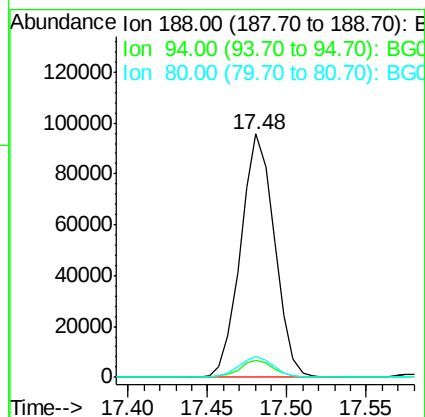
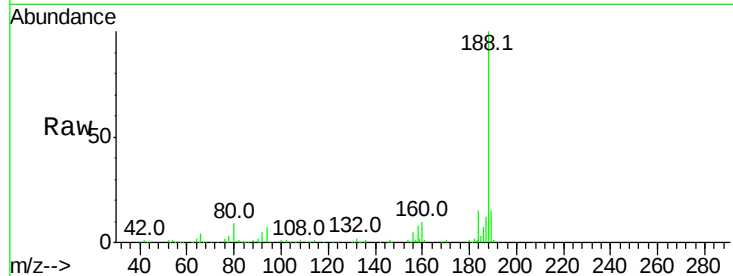




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

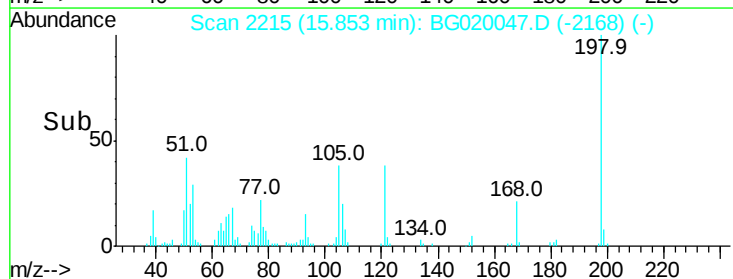
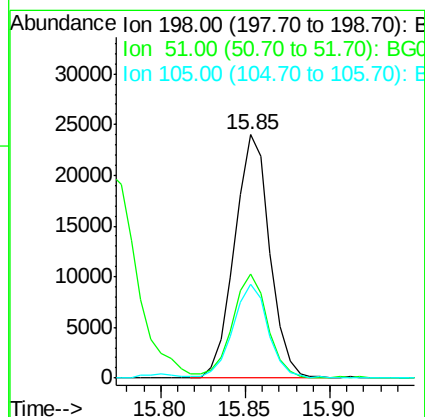
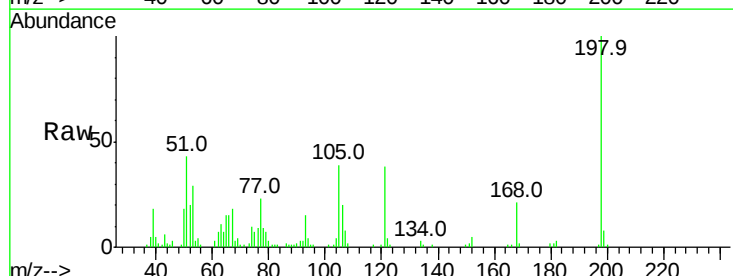
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

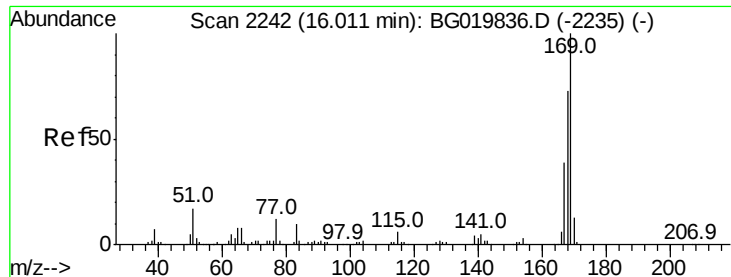
Tot Ion:188 Resp: 142010
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 8.8 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.16 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:198 Resp: 34781
Ion Ratio Lower Upper
198 100
51 43.0 14.2 54.2
105 38.8 21.1 61.1

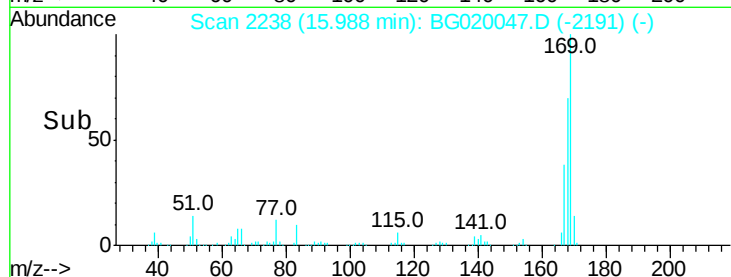
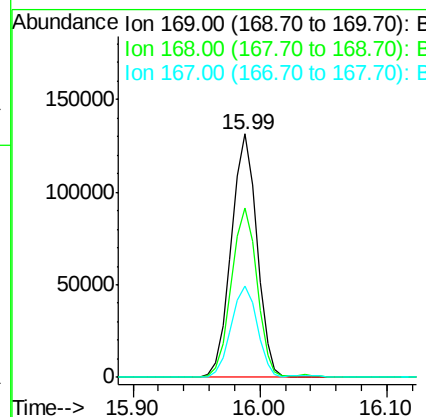
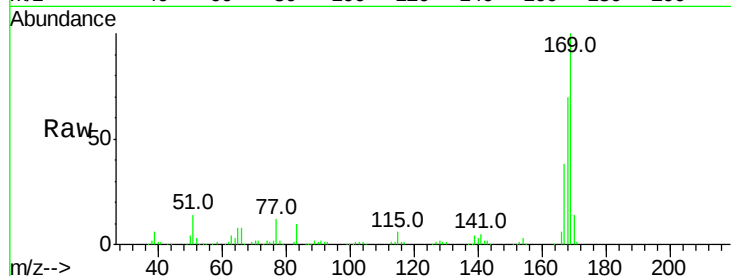




#65
 n-Nitrosodiphenylamine
 Concen: 44.75 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

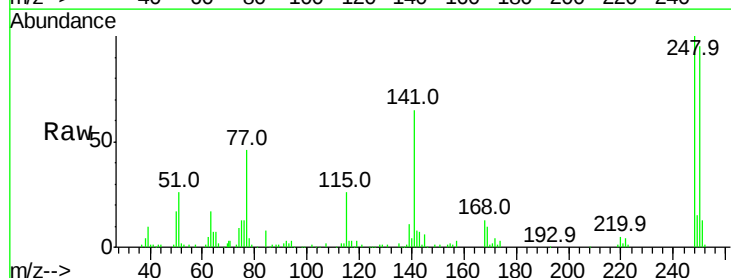
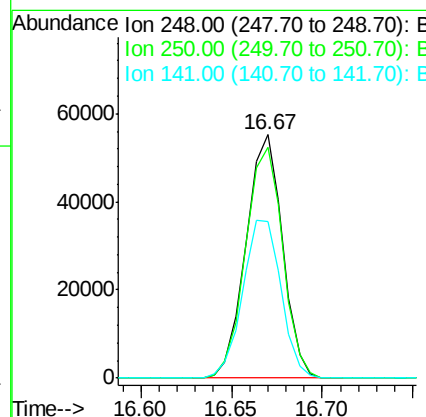
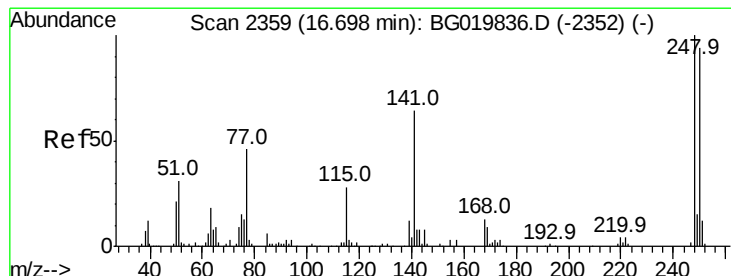
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

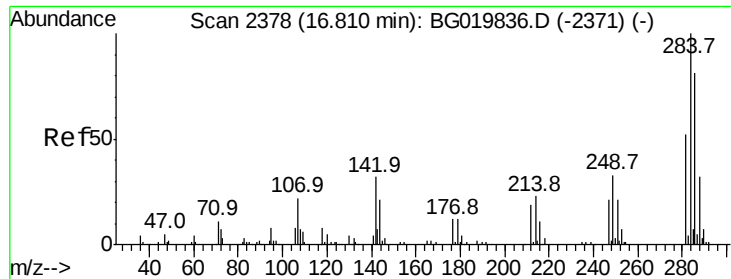
Tot Ion:169 Resp: 183909
 Ion Ratio Lower Upper
 169 100
 168 69.6 58.2 87.2
 167 37.5 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.69 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.03 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:248 Resp: 77097
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.8 116.8
 141 64.5 50.4 75.6





#67

Hexachlorobenzene

Concen: 45.42 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

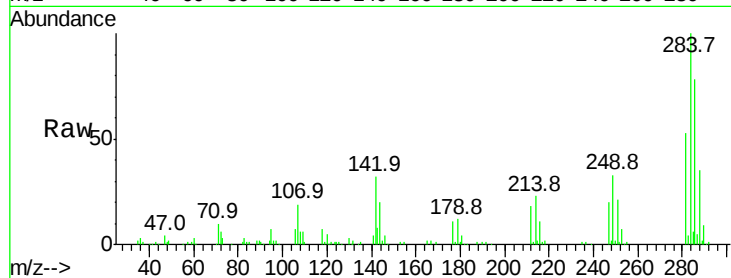
Tot Ion:284 Resp: 83483

Ion Ratio Lower Upper

284 100

142 31.7 26.6 39.8

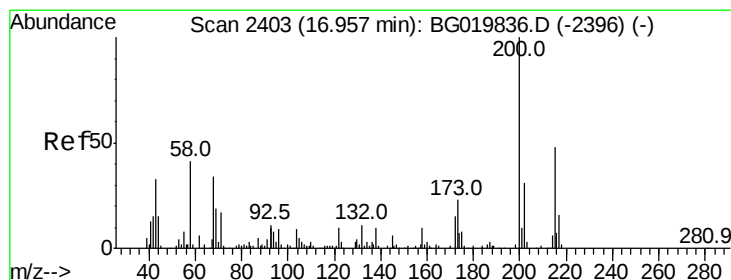
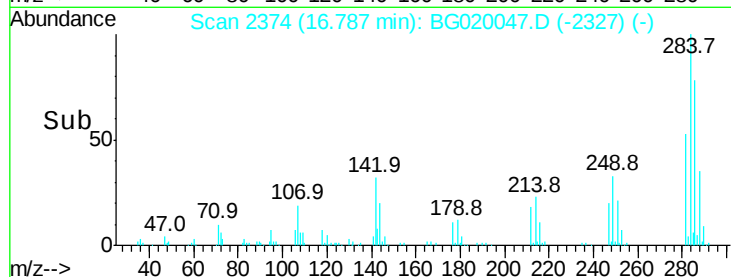
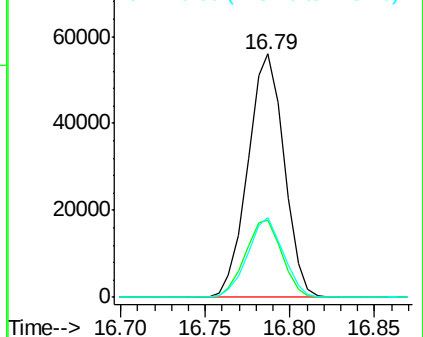
249 35.0 26.2 39.2



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



#68

Atrazine

Concen: 34.73 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

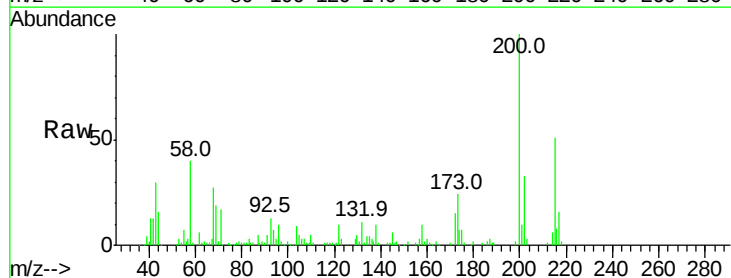
Tgt Ion:200 Resp: 62014

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

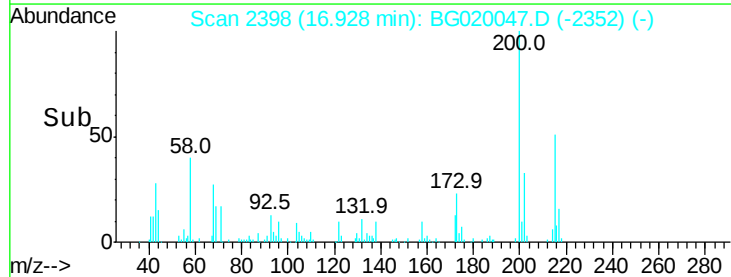
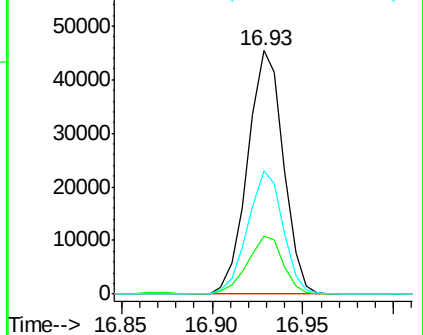
215 50.9 27.0 67.0

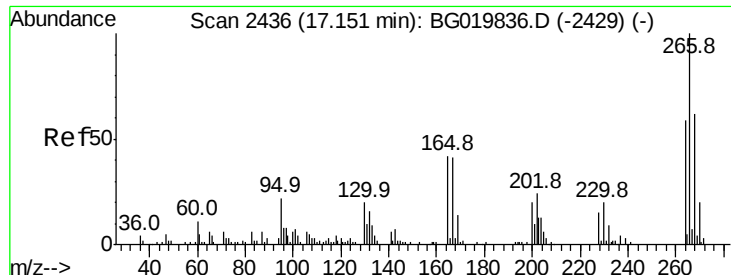


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

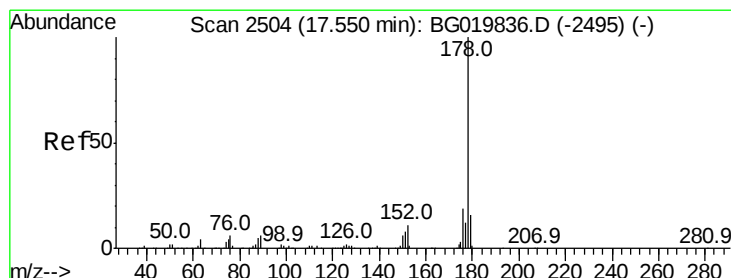
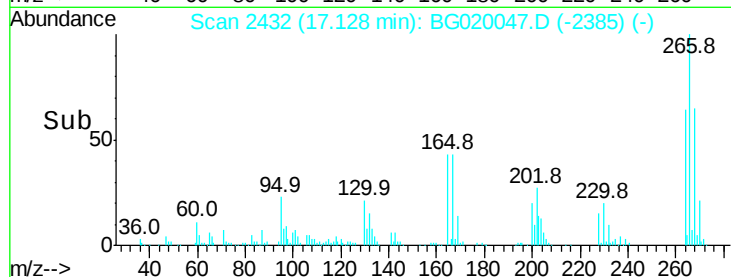
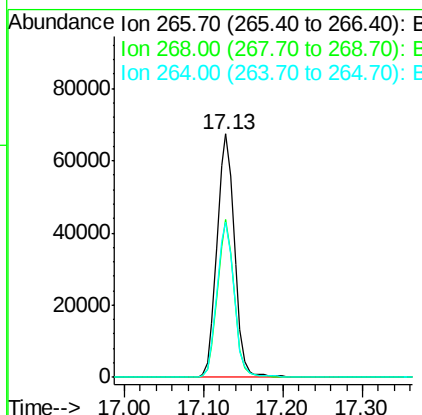
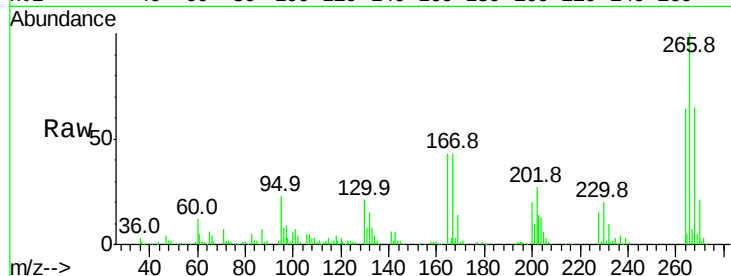




#69
 Pentachlorophenol
 Concen: 96.75 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

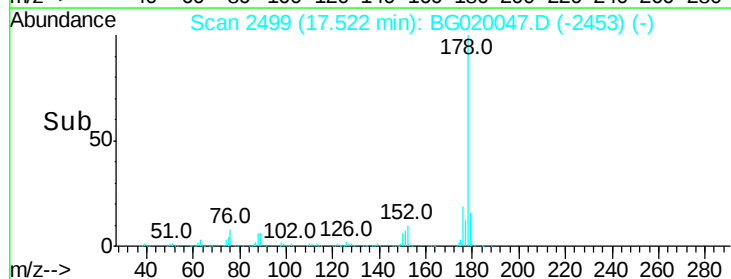
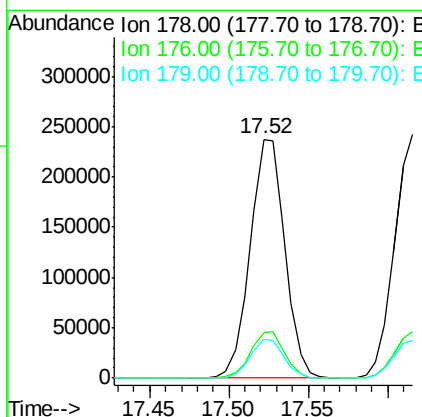
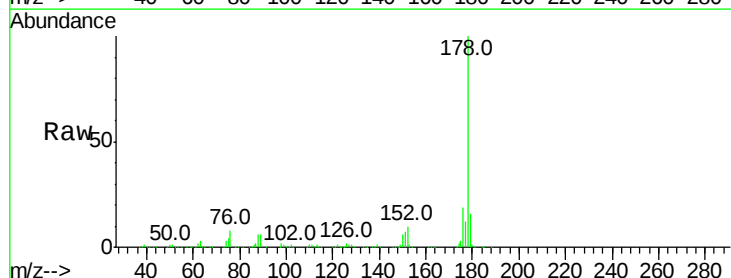
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

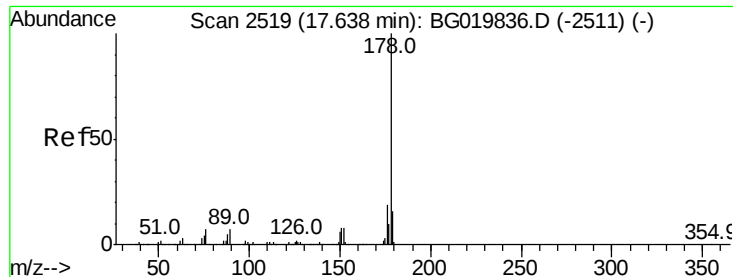
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	47.6	71.4
264	63.9	48.1	72.1



#70
 Phenanthrene
 Concen: 44.84 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.7	25.1
179	16.3	13.9	20.9

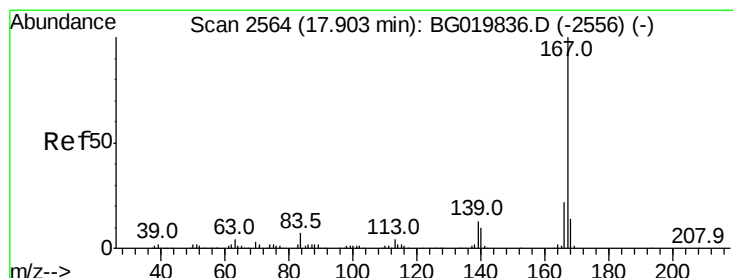
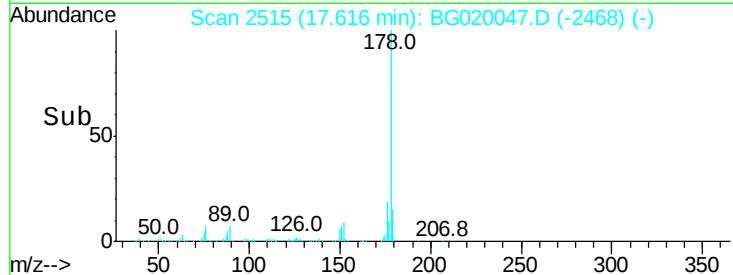
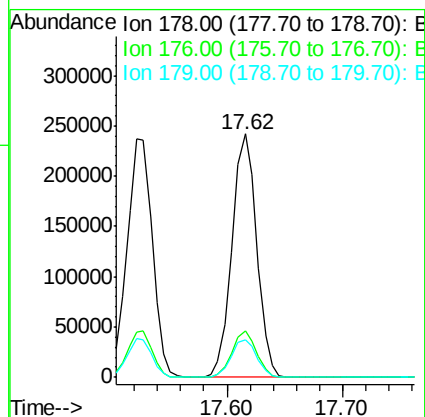
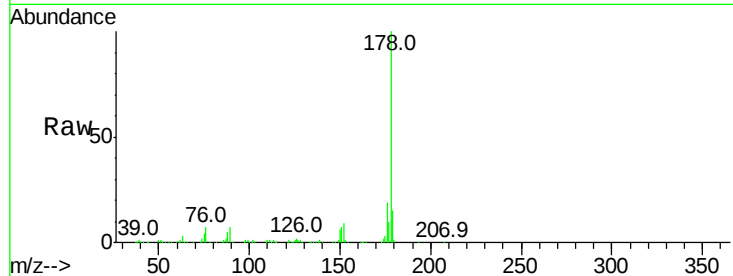




#71
 Anthracene
 Concen: 43.84 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

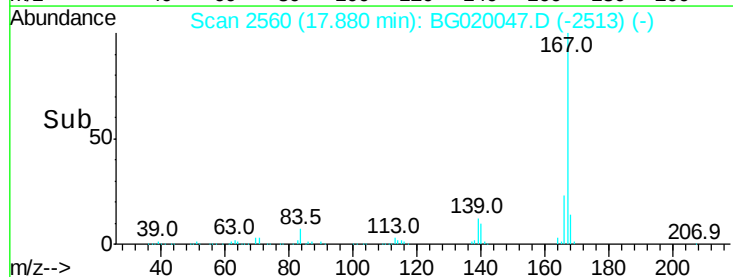
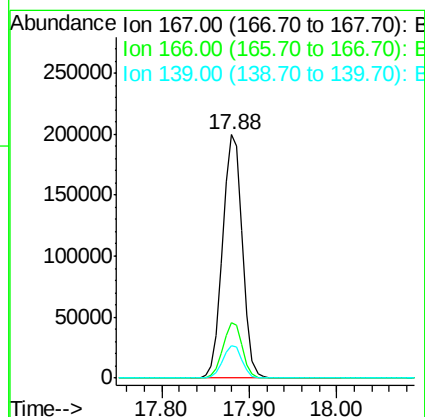
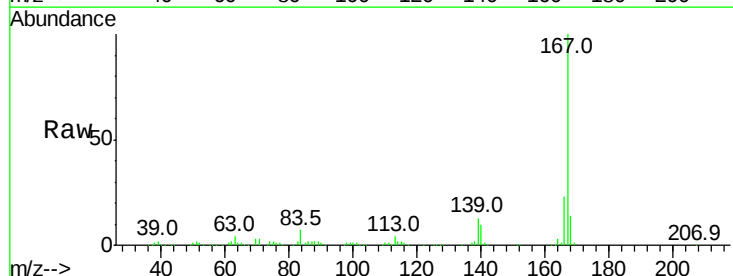
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

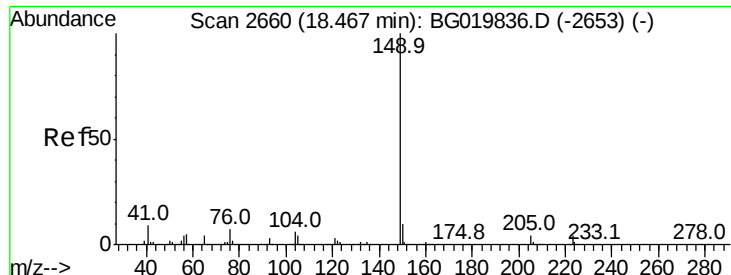
Tot Ion:178 Resp: 358806
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.8 25.2
 179 15.4 13.9 20.9



#72
 Carbazole
 Concen: 43.47 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:167 Resp: 313433
 Ion Ratio Lower Upper
 167 100
 166 22.5 19.0 28.6
 139 13.2 10.2 15.4

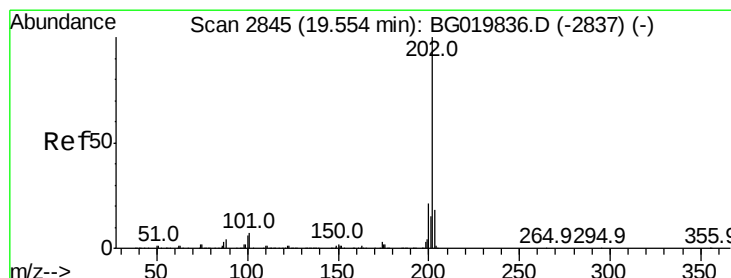
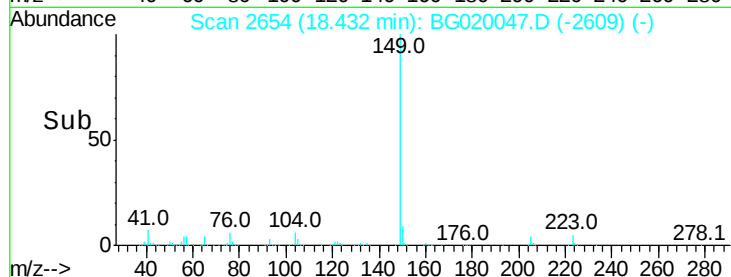
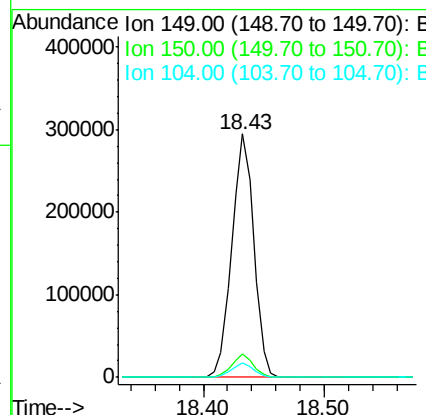
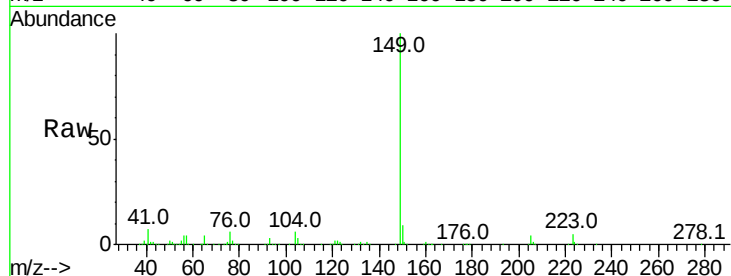




#73
Di-n-butylphthalate
Concen: 42.16 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

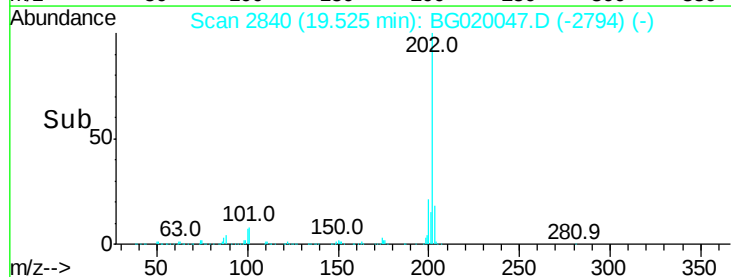
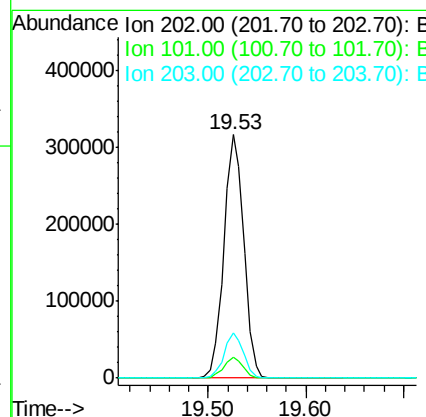
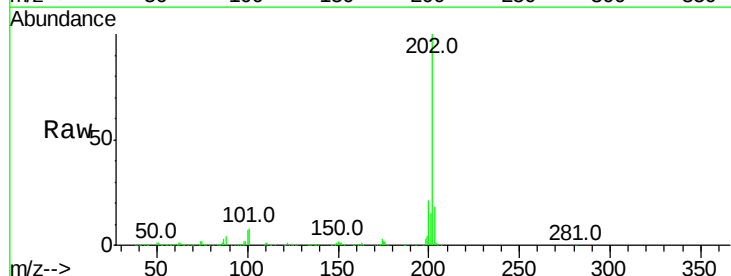
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

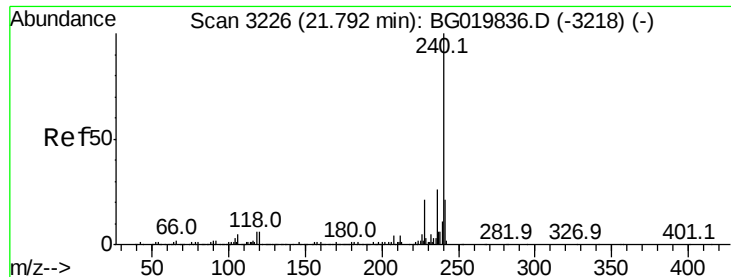
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	6.0	4.4	6.6



#74
Fluoranthene
Concen: 43.13 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.4
203	18.4	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

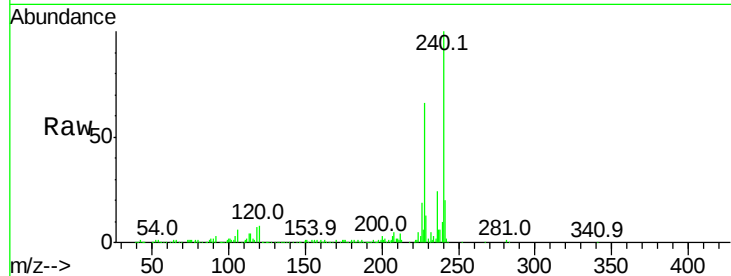
Tot Ion:240 Resp: 176265

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

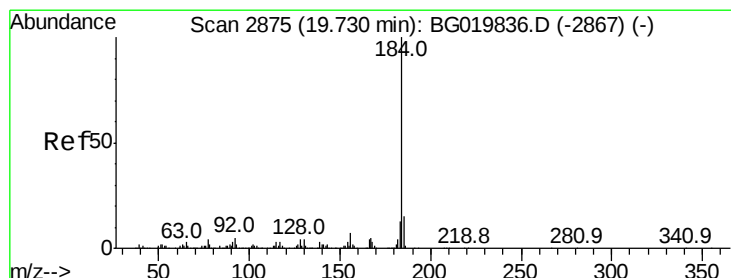
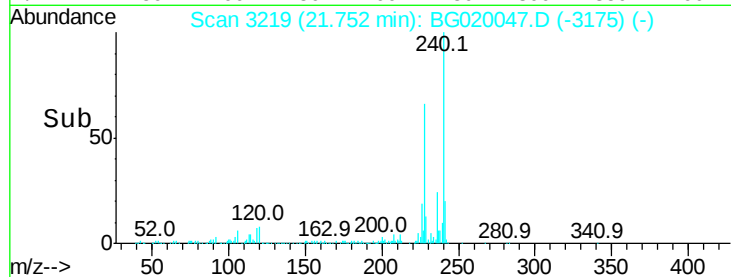
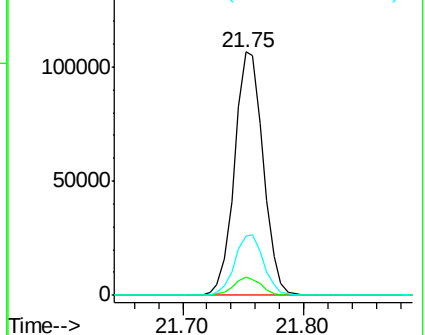
236 24.5 20.7 31.1



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



#76

Benzidine

Concen: 10.05 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

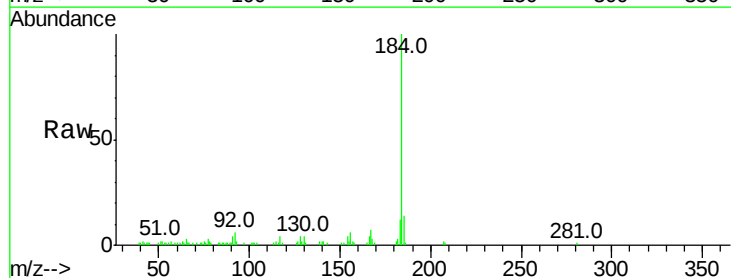
Tgt Ion:184 Resp: 58171

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

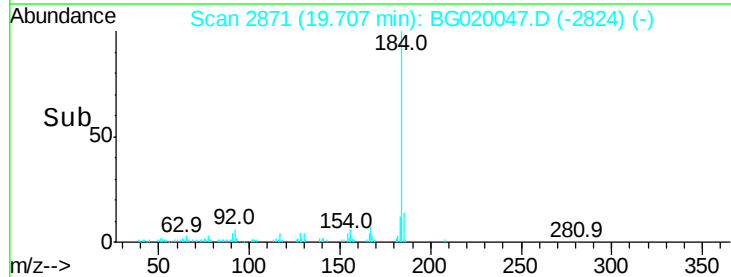
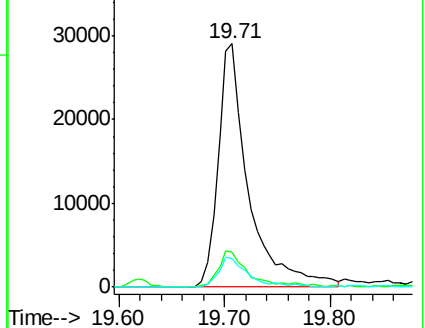
183 11.7 10.1 15.1

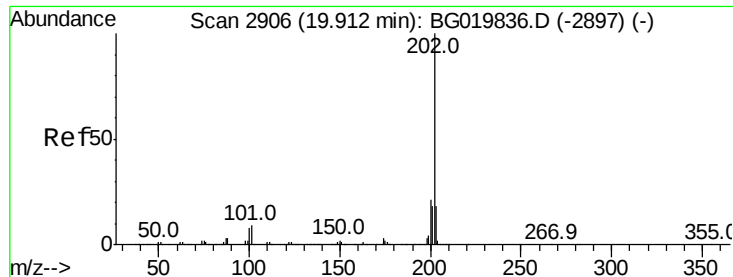


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.13 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

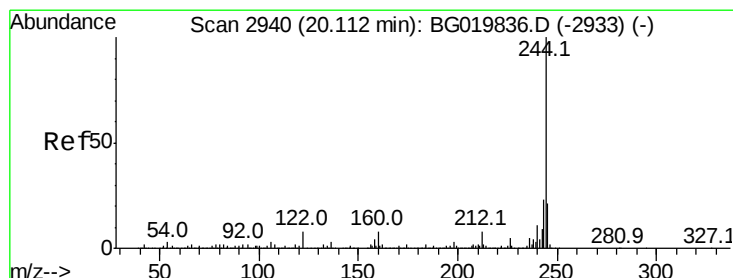
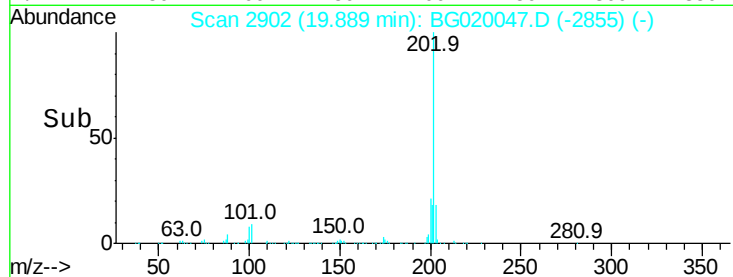
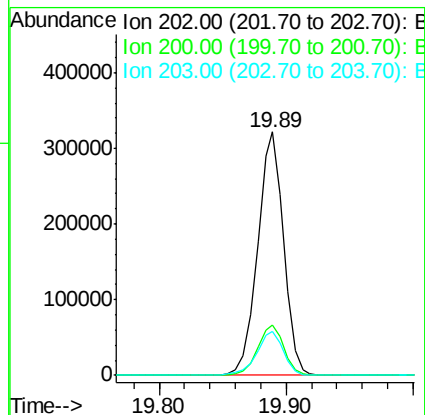
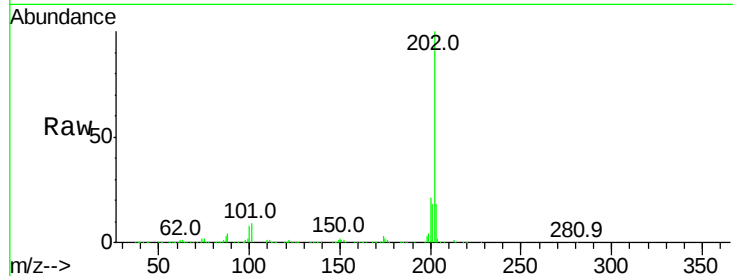
Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

Tot Ion:	202	Resp:	457639
Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.4	29.0
203	17.9	15.5	23.3



#78

Terphenyl-d14

Concen: 67.72 ng

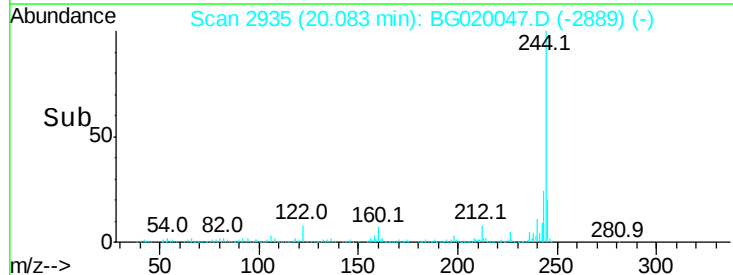
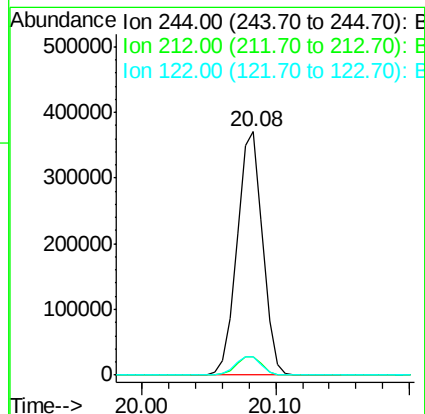
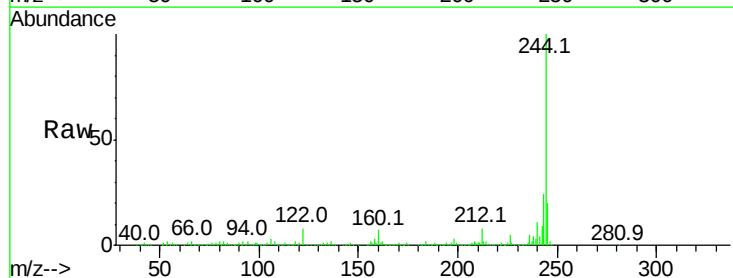
RT: 20.08 min Scan# 2935

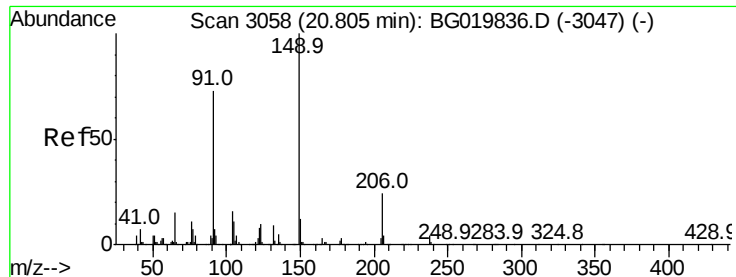
Delta R.T. -0.03 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Tgt Ion:	244	Resp:	489355
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	7.6	10.2	15.2#

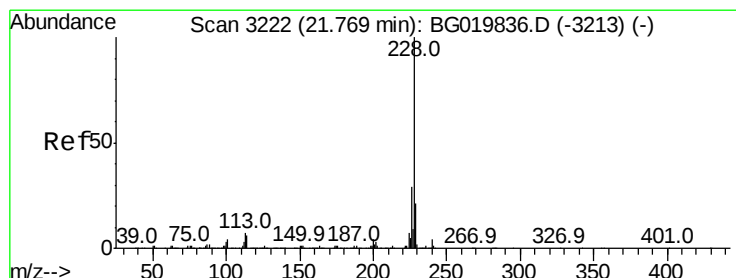
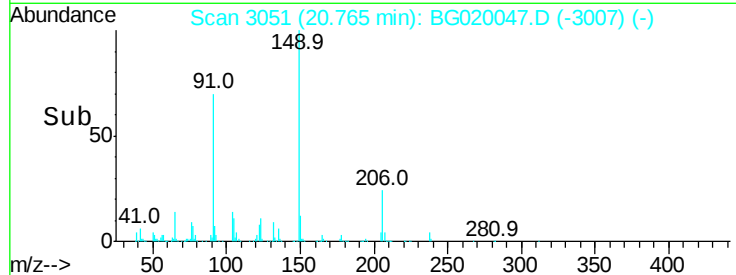
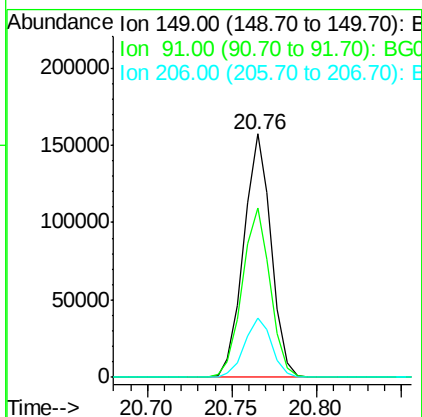
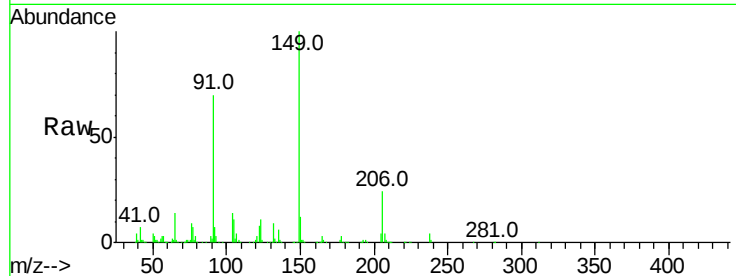




#79
Butylbenzylphthalate
Concen: 43.74 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

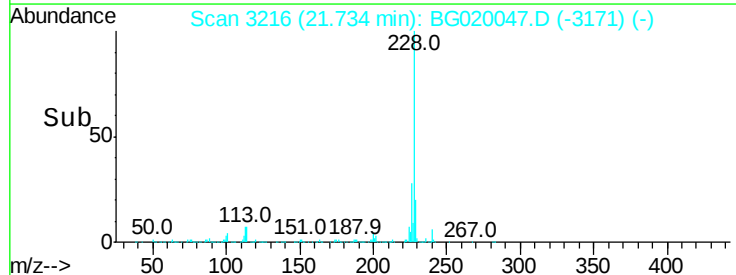
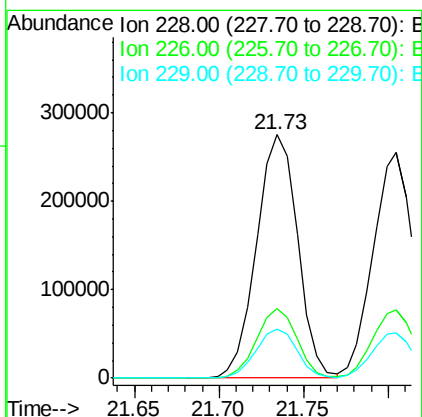
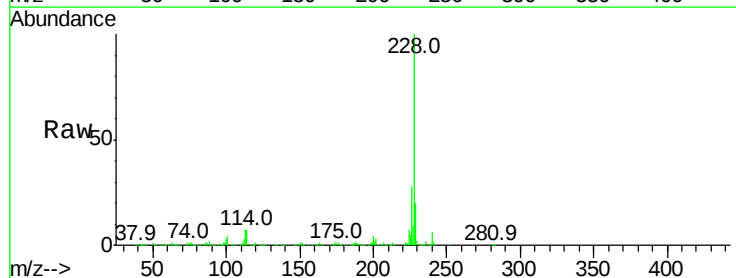
Instrument :
BNA_G
ClientSampleId :
ELP-1MSD

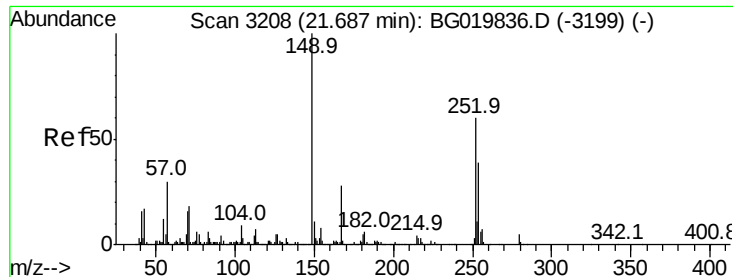
Tot Ion:149 Resp: 177772
Ion Ratio Lower Upper
149 100
91 69.7 58.1 87.1
206 24.2 17.8 26.8



#80
Benzo(a)anthracene
Concen: 43.24 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG020047.D
Acq: 9 Dec 2015 17:20

Tgt Ion:228 Resp: 466594
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.0
229 20.4 16.6 25.0

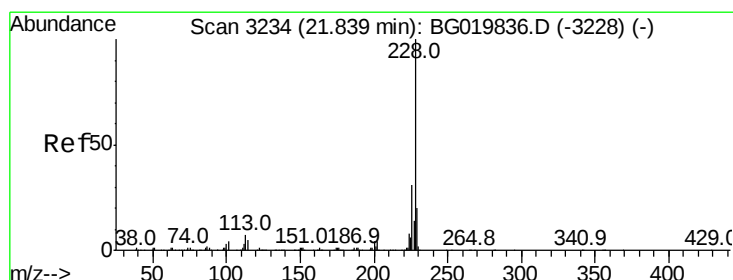
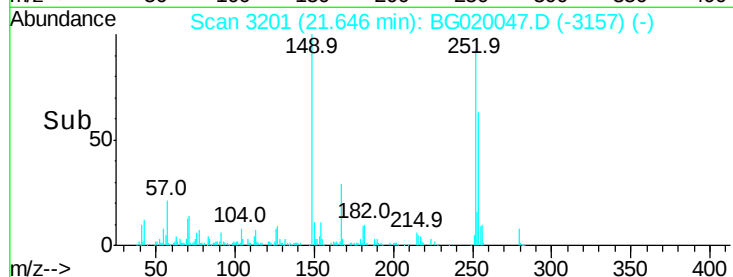
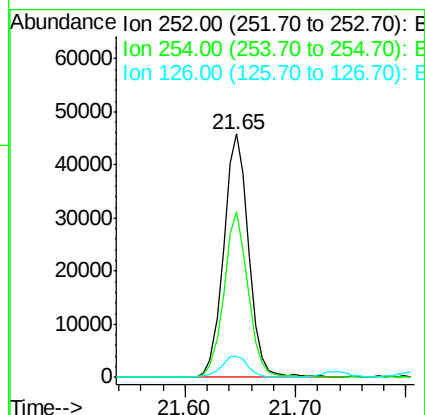
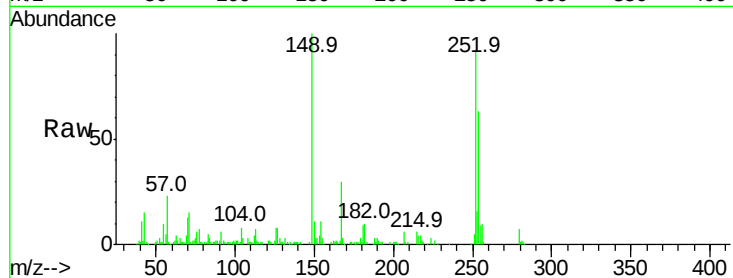




#81
 3,3'-Dichlorobenzidine
 Concen: 17.59 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

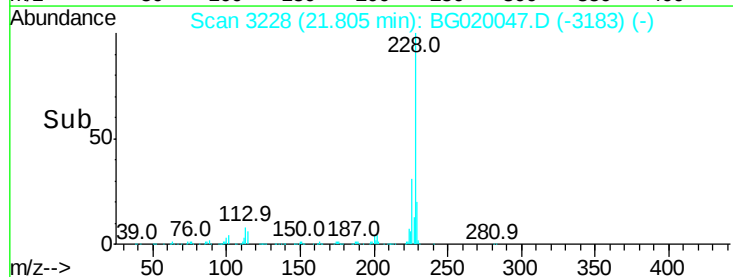
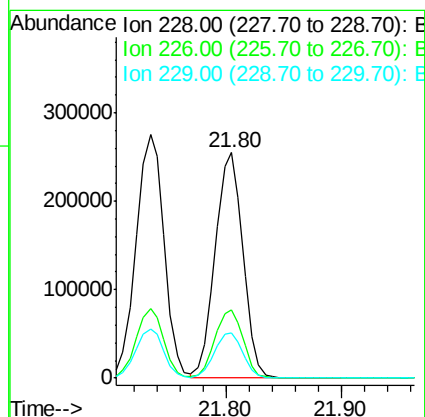
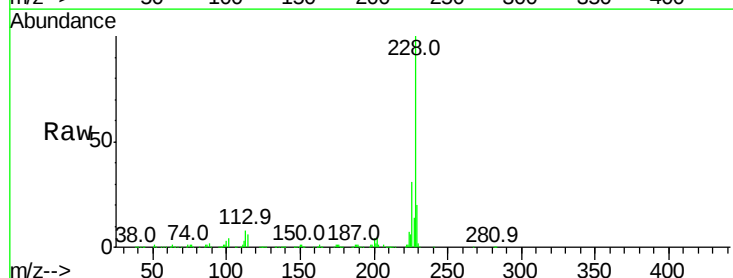
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

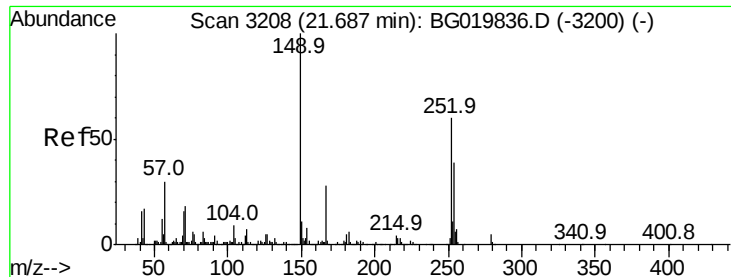
Tot Ion:252 Resp: 72265
 Ion Ratio Lower Upper
 252 100
 254 68.2 52.5 78.7
 126 8.5 8.5 12.7#



#82
 Chrysene
 Concen: 41.37 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.03 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:228 Resp: 423850
 Ion Ratio Lower Upper
 228 100
 226 30.5 26.7 40.1
 229 20.0 17.0 25.6

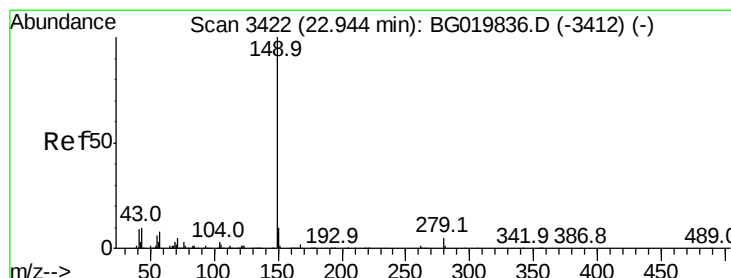
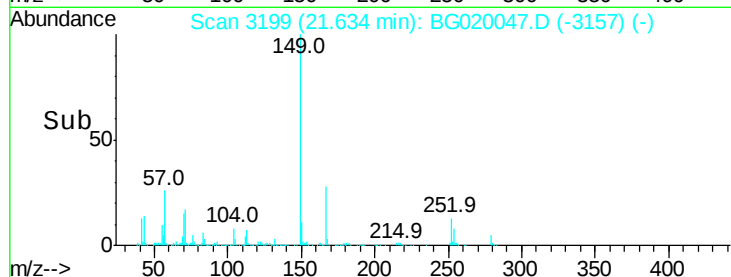
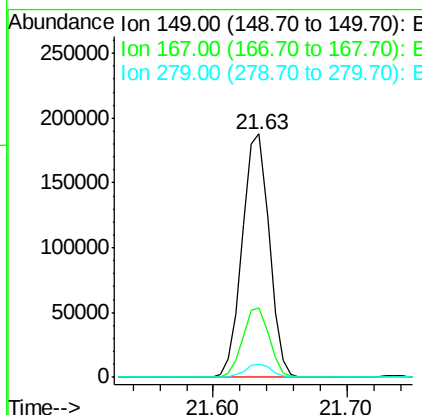
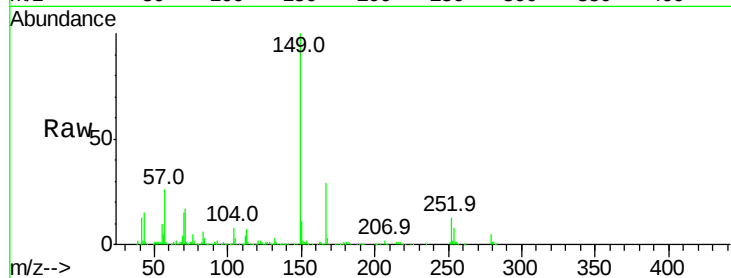




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.83 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

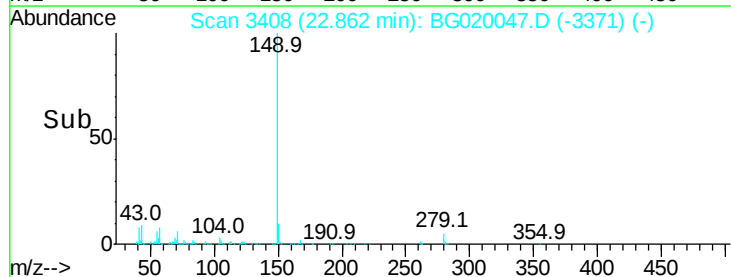
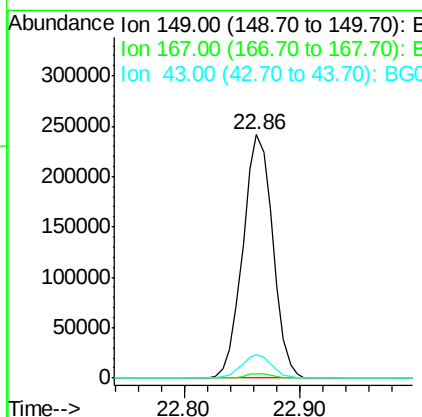
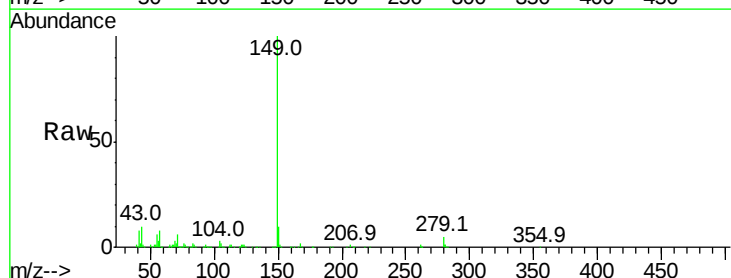
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

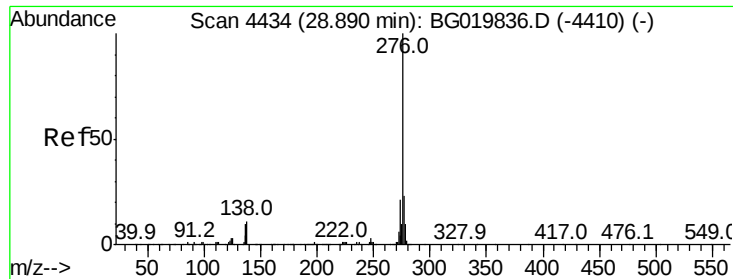
Tot Ion:149 Resp: 261446
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.8 35.8
 279 5.2 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 44.64 ng
 RT: 22.86 min Scan# 3408
 Delta R.T. -0.08 min
 Lab File: BG020047.D
 Acq: 9 Dec 2015 17:20

Tgt Ion:149 Resp: 432949
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.4 5.9 8.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.04 ng

RT: 28.77 min Scan# 4414

Delta R.T. -0.12 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

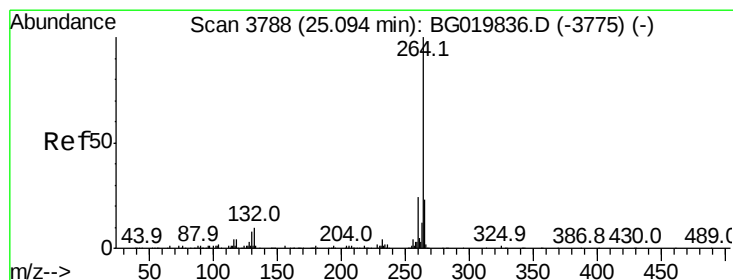
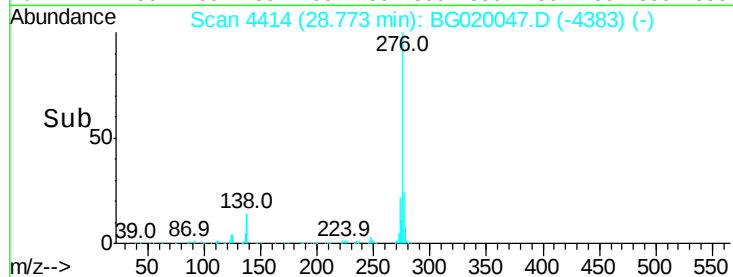
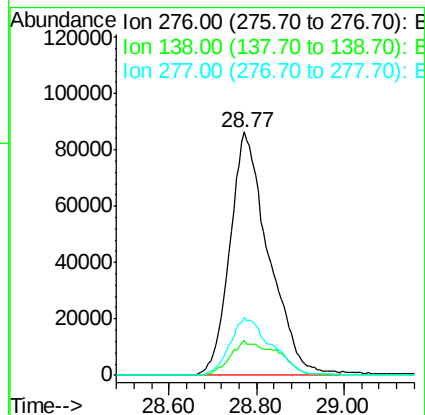
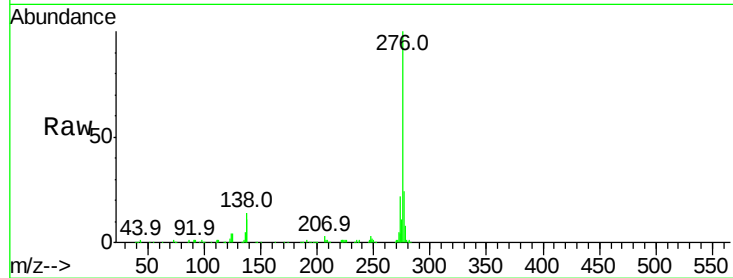
Tot Ion:276 Resp: 519583

Ion Ratio Lower Upper

276 100

138 11.4 0.0 0.0#

277 25.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

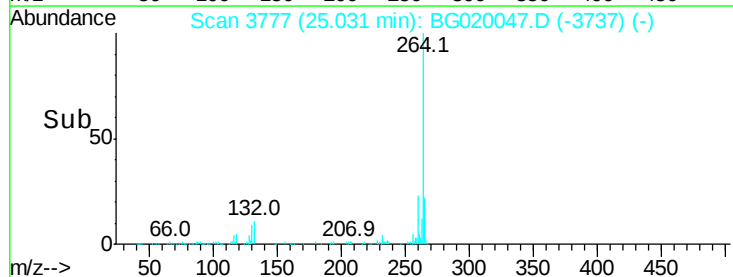
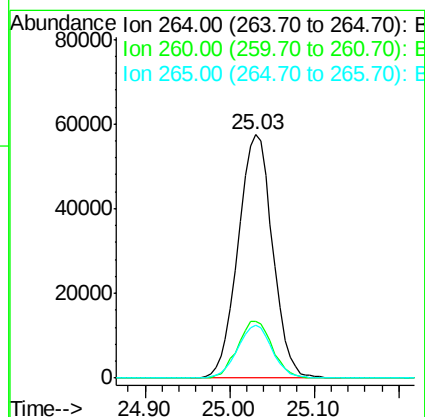
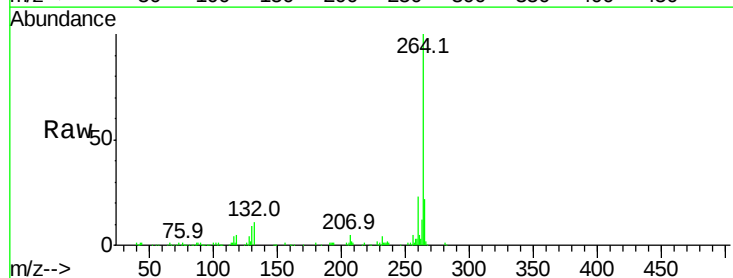
Tgt Ion:264 Resp: 162627

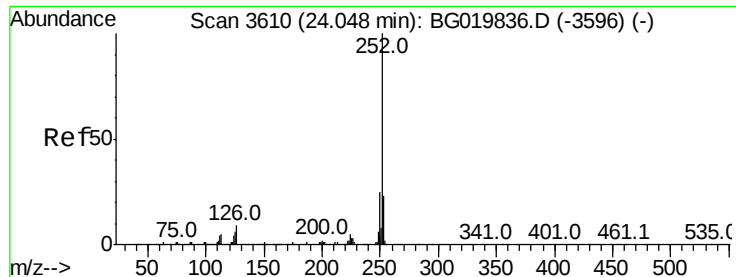
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.62 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

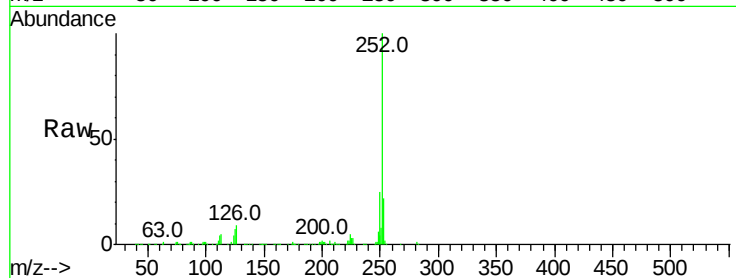
Tot Ion:252 Resp: 459921

Ion Ratio Lower Upper

252 100

253 22.1 19.1 28.7

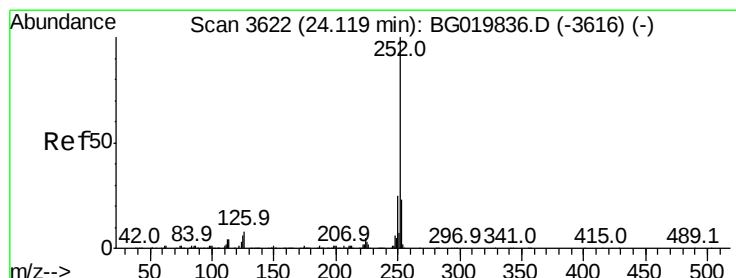
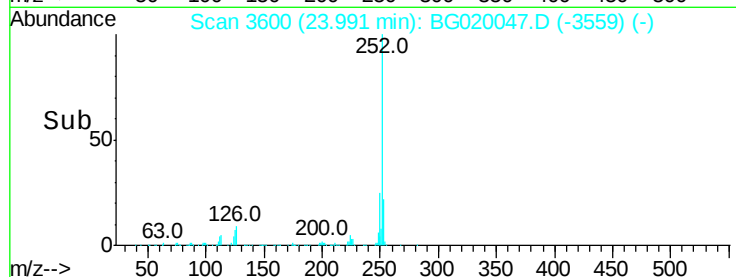
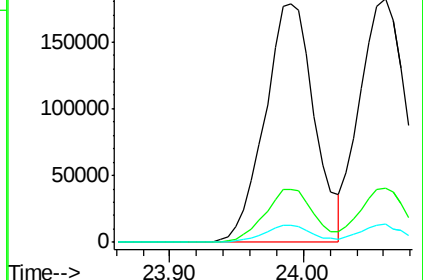
125 7.2 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.42 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.06 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

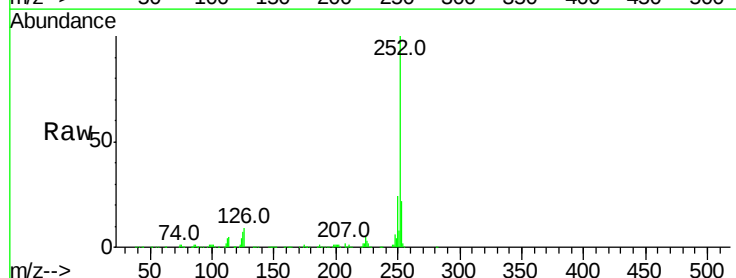
Tgt Ion:252 Resp: 433051

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.4

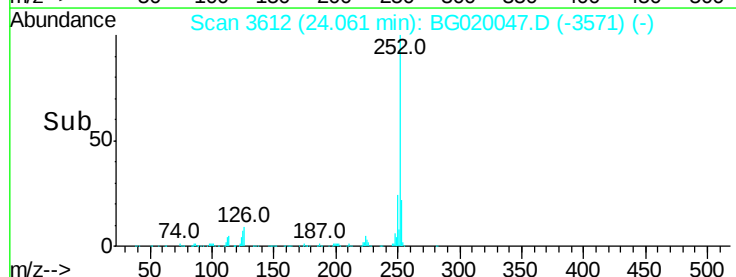
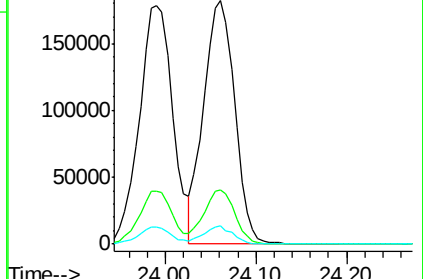
125 7.3 8.9 13.3#

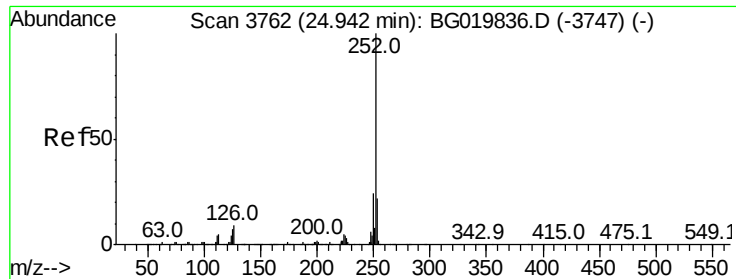


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.39 ng

RT: 24.88 min Scan# 3751

Delta R.T. -0.06 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

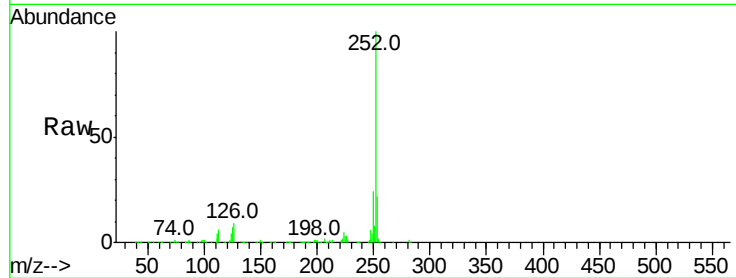
Tot Ion:252 Resp: 434417

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

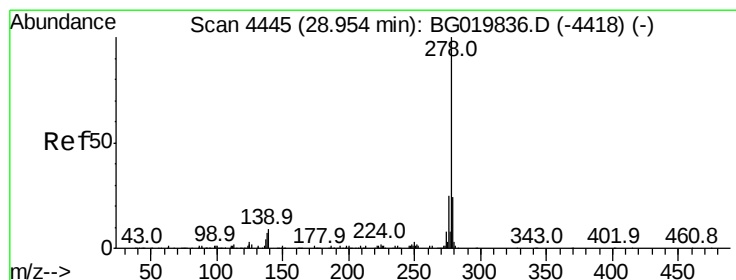
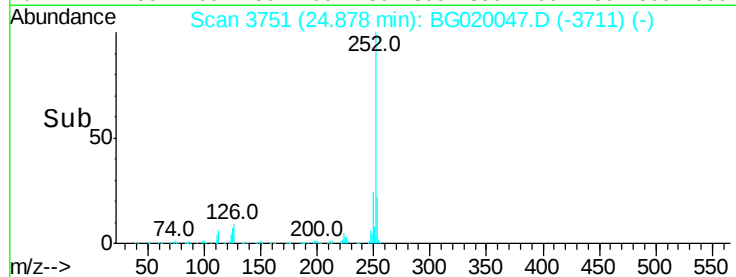
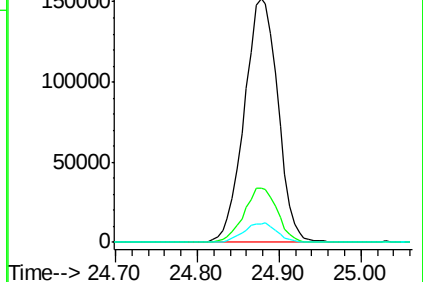
125 7.5 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.33 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

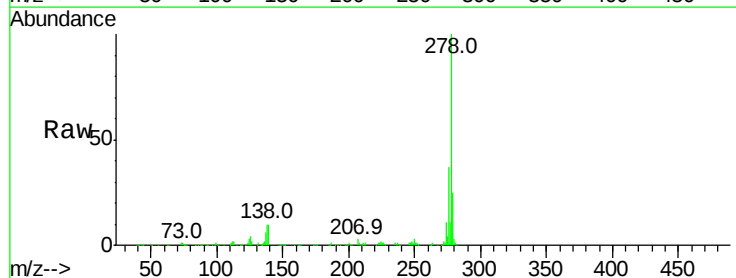
Tgt Ion:278 Resp: 428558

Ion Ratio Lower Upper

278 100

139 10.1 13.8 20.6#

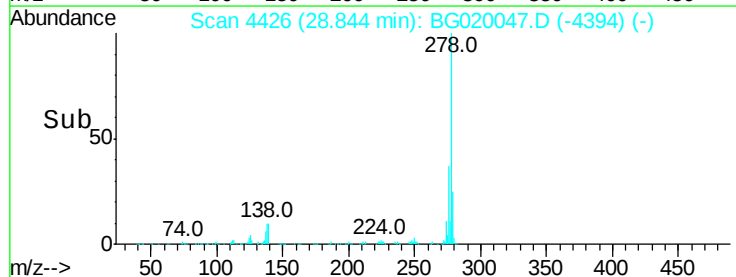
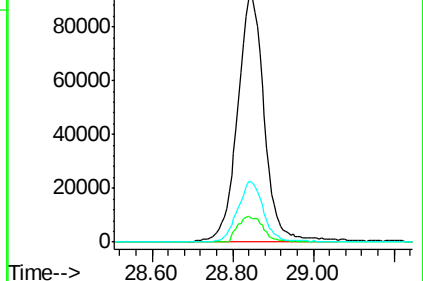
279 24.8 19.4 29.0

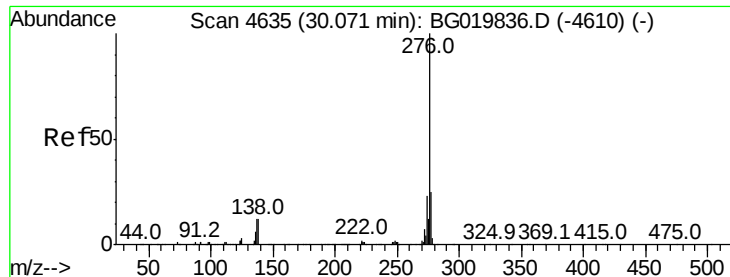


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.10 ng

RT: 29.95 min Scan# 4615

Delta R.T. -0.12 min

Lab File: BG020047.D

Acq: 9 Dec 2015 17:20

Instrument :

BNA_G

ClientSampleId :

ELP-1MSD

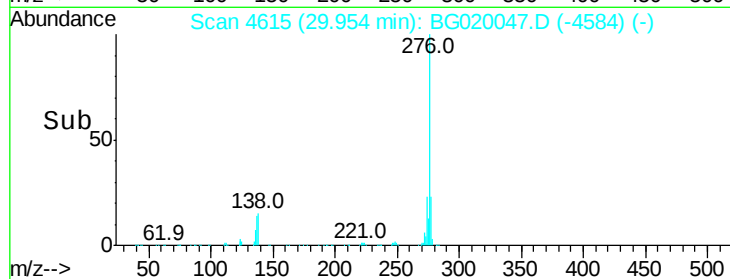
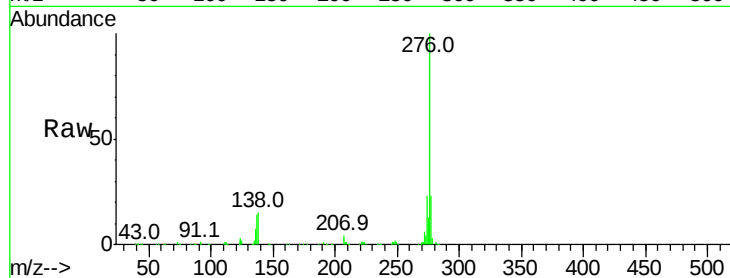
Tot Ion:276 Resp: 418601

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 14.8 17.4 26.0#



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

100000

80000

60000

40000

20000

0

29.80

29.95

30.00

30.20

Time-->