

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036961.D
 Acq On : 25 Sep 2018 22:50
 Operator : JU/SJ
 Sample : PB113203BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:45:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46844	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	200025	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	129587	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	321305	20.00	ng	0.00
75) Chrysene-d12	21.68	240	331120	20.00	ng	0.00
86) Perylene-d12	24.89	264	343736	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	362763	148.51	ng	0.00
7) Phenol-d6	7.21	99	516531	136.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	340215	91.08	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	222192	143.31	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	747302	85.89	ng	0.00
78) Terphenyl-d14	20.02	244	1258908	99.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	42308	37.853	ng	96
3) Pyridine	3.92	79	121538	37.660	ng	95
4) n-Nitrosodimethylamine	3.83	42	76255	53.163	ng	# 88
6) Aniline	7.37	93	167577	34.174	ng	99
8) 2-Chlorophenol	7.61	128	134190	47.314	ng	92
9) Benzaldehyde	7.18	77	88396	35.398	ng	98
10) Phenol	7.24	94	186924	47.926	ng	93
11) bis(2-Chloroethyl)ether	7.47	93	142386	39.466	ng	98
12) 1,3-Dichlorobenzene	7.94	146	140562	40.425	ng	97
13) 1,4-Dichlorobenzene	8.08	146	140737	39.552	ng	99
14) 1,2-Dichlorobenzene	8.40	146	138190	40.075	ng	96
15) Benzyl Alcohol	8.28	79	135212	44.094	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	288863	41.704	ng	98
17) 2-Methylphenol	8.48	107	124674	45.890	ng	97
18) Hexachloroethane	9.12	117	55532	42.408	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	122127	38.847	ng	99
20) 3+4-Methylphenols	8.81	107	177972	47.088	ng	99
22) Acetophenone	8.86	105	215241	45.791	ng	# 97
24) Nitrobenzene	9.25	77	182159	45.667	ng	100
25) Isophorone	9.77	82	344458	50.470	ng	98
26) 2-Nitrophenol	9.96	139	78929	49.643	ng	97
27) 2,4-Dimethylphenol	10.02	122	136247	55.012	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	193442	45.933	ng	98
29) 2,4-Dichlorophenol	10.50	162	150842	52.539	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	154401	42.974	ng	98
31) Naphthalene	10.90	128	441273	46.365	ng	98
32) Benzoic acid	10.16	122	49680	28.826	ng	95
33) 4-Chloroaniline	11.01	127	103944	24.021	ng	98
34) Hexachlorobutadiene	11.18	225	101644	40.908	ng	98
35) Caprolactam	11.79	113	38338	32.444	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	180131	52.582	ng	98
37) 2-Methylnaphthalene	12.50	142	347883	47.993	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	195258	43.201	ng	98
40) Hexachlorocyclopentadiene	12.84	237	247177	106.334	ng	99

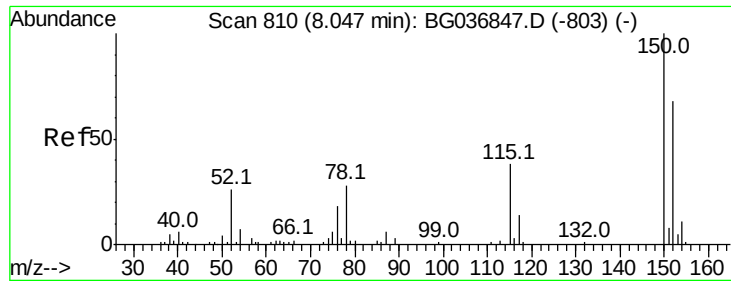
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036961.D
 Acq On : 25 Sep 2018 22:50
 Operator : JU/SJ
 Sample : PB113203BS
 Misc :
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Quant Time: Sep 26 01:45:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	130219	51.883	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	143347	53.562	ng	97
45) 1,1'-Biphenyl	13.51	154	459725	46.322	ng	97
46) 2-Chloronaphthalene	13.55	162	341214	43.718	ng	99
47) 2-Nitroaniline	13.75	65	134712	49.902	ng	98
48) Acenaphthylene	14.39	152	598119	48.905	ng	99
49) Dimethylphthalate	14.12	163	479641	45.983	ng	99
50) 2,6-Dinitrotoluene	14.25	165	105692	46.441	ng	100
51) Acenaphthene	14.73	154	345803	46.783	ng	99
52) 3-Nitroaniline	14.57	138	72614	30.279	ng	# 96
53) 2,4-Dinitrophenol	14.79	184	65922	63.547	ng	92
54) Dibenzofuran	15.07	168	564757	45.171	ng	98
55) 4-Nitrophenol	14.89	139	164143	107.140	ng	91
56) 2,4-Dinitrotoluene	15.03	165	149583	47.103	ng	97
57) Fluorene	15.72	166	459253	49.145	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	143614	52.898	ng	98
59) Diethylphthalate	15.49	149	479609	45.588	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	258285	43.643	ng	100
61) 4-Nitroaniline	15.74	138	115226	45.678	ng	95
62) Azobenzene	16.00	77	493804	48.849	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	69029	41.093	ng	95
65) n-Nitrosodiphenylamine	15.93	169	420558	47.412	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	168790	46.185	ng	99
67) Hexachlorobenzene	16.72	284	167957	44.621	ng	100
68) Atrazine	16.87	200	174081	48.468	ng	99
69) Pentachlorophenol	17.07	266	189769	80.076	ng	98
70) Phenanthrene	17.46	178	765372	49.431	ng	98
71) Anthracene	17.55	178	782384	51.102	ng	100
72) Carbazole	17.82	167	697120	46.700	ng	98
73) Di-n-butylphthalate	18.37	149	803096	48.445	ng	99
74) Fluoranthene	19.46	202	943388	50.617	ng	99
76) Benzidine	19.65	184	418090	41.769	ng	99
77) Pyrene	19.83	202	926567	46.632	ng	99
79) Butylbenzylphthalate	20.71	149	384919	48.601	ng	97
80) Benzo(a)anthracene	21.66	228	932014	48.218	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	240264	32.656	ng	100
82) Chrysene	21.73	228	880145	47.128	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	527734	47.698	ng	100
84) Di-n-octyl phthalate	22.77	149	889409	48.824	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	1038295	51.773	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	925797	50.539	ng	98
88) Benzo(k)fluoranthene	23.94	252	883134	48.053	ng	99
89) Benzo(a)pyrene	24.74	252	890953	50.308	ng	99
90) Dibenzo(a,h)anthracene	28.61	278	834560	50.281	ng	98
91) Benzo(g,h,i)perylene	29.68	276	856263	51.403	ng	97

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

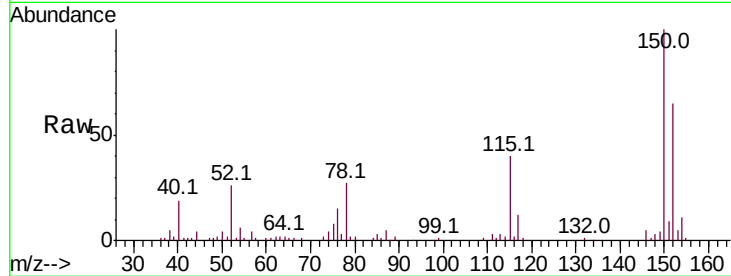


#1

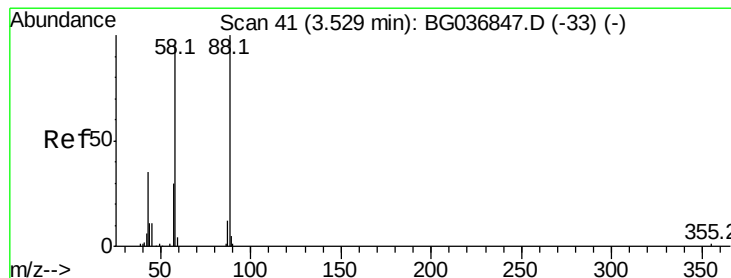
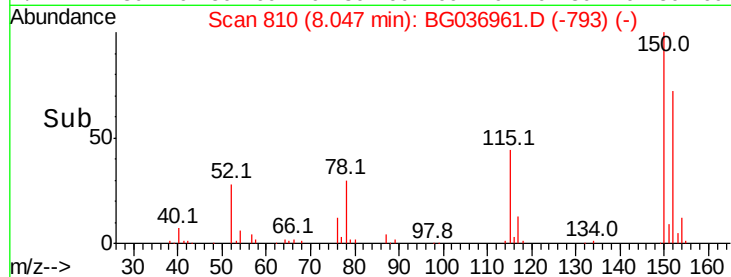
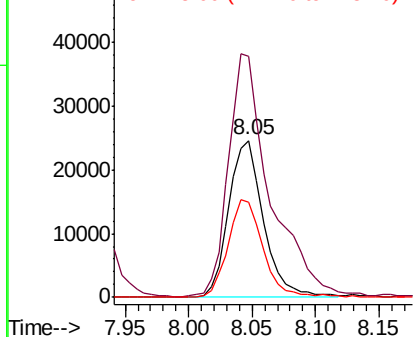
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46844
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 60.9 44.5 66.7



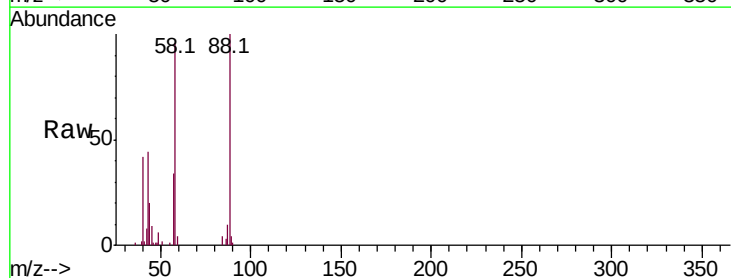
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



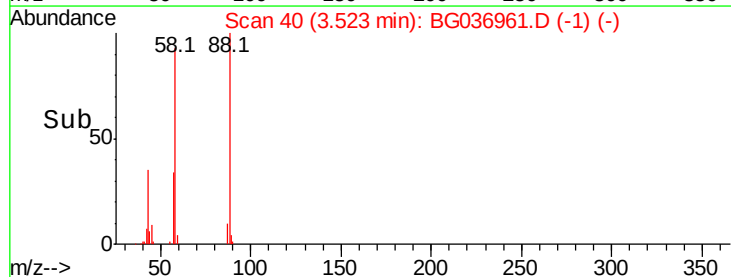
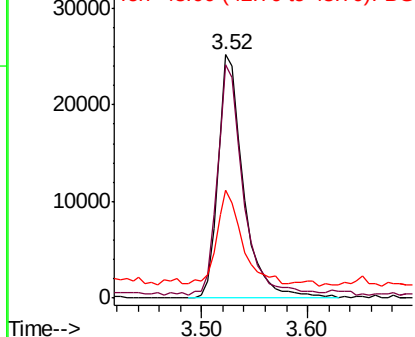
#2

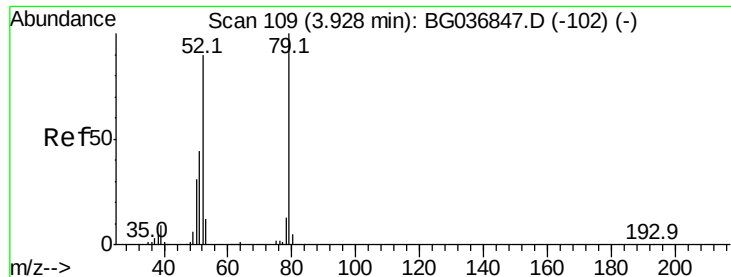
1,4-Dioxane
Concen: 37.853 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion: 88 Resp: 42308
Ion Ratio Lower Upper
88 100
58 96.0 72.6 109.0
43 36.5 29.0 43.4



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: 37.660 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

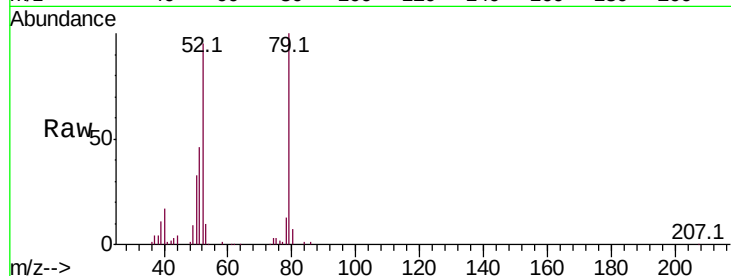
Tot Ion: 79 Resp: 121538

Ion Ratio Lower Upper

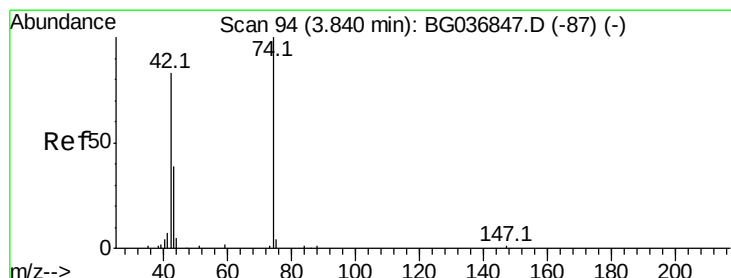
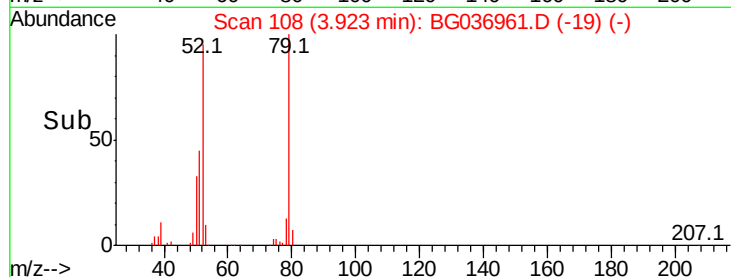
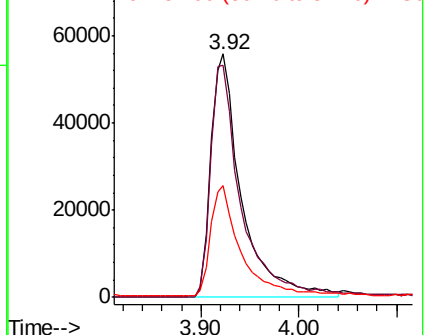
79 100

52 95.5 72.3 108.5

51 45.7 33.8 50.6



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: 53.163 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

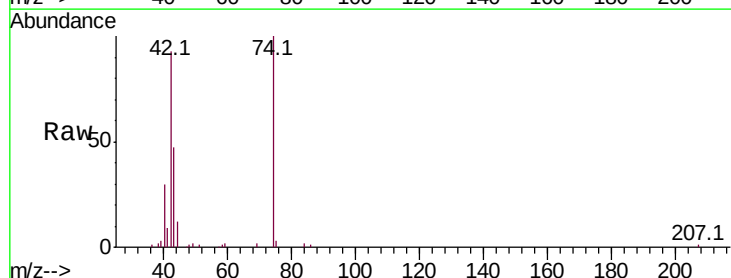
Tgt Ion: 42 Resp: 76255

Ion Ratio Lower Upper

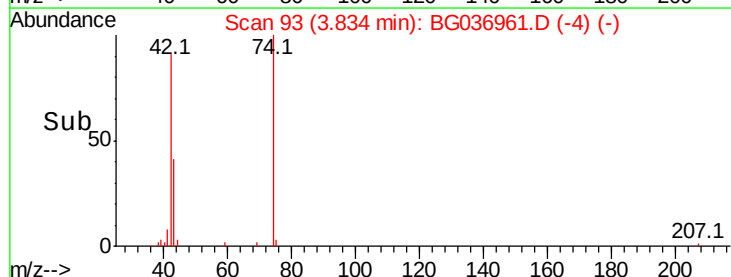
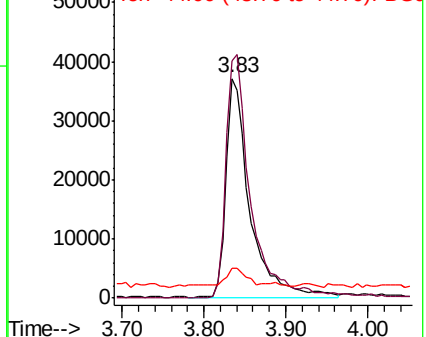
42 100

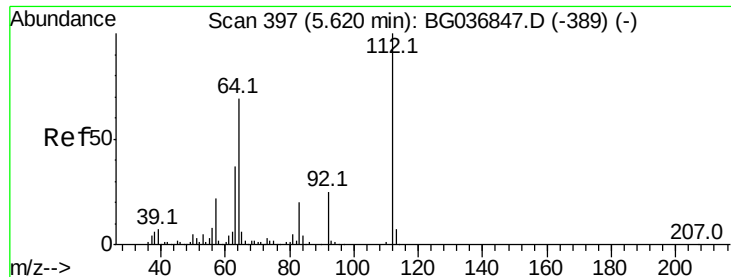
74 108.0 96.6 145.0

44 13.3 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 148.514 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

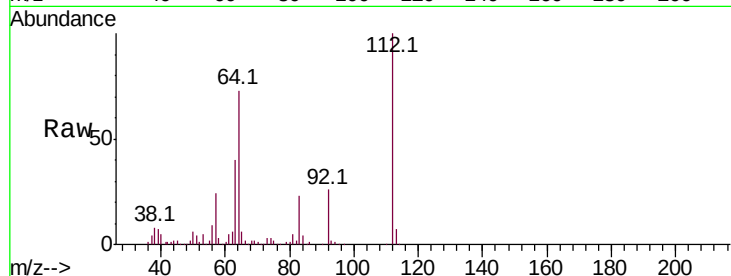
Tot Ion:112 Resp: 362763

Ion Ratio Lower Upper

112 100

64 73.2 57.2 85.8

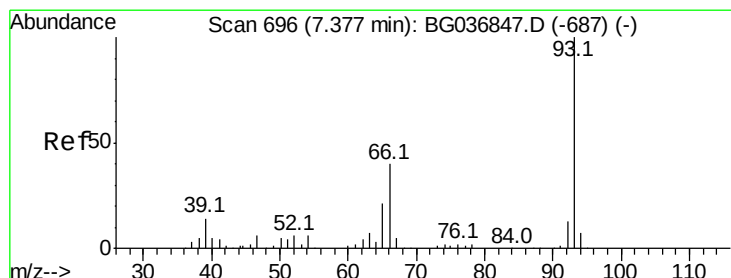
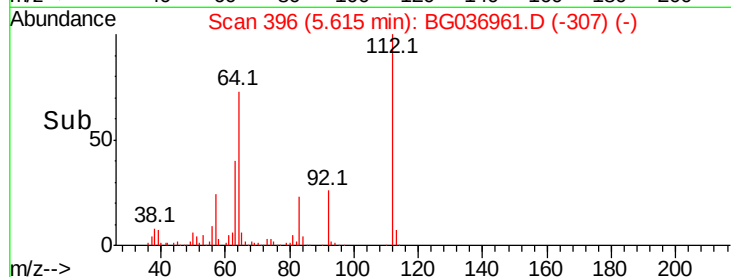
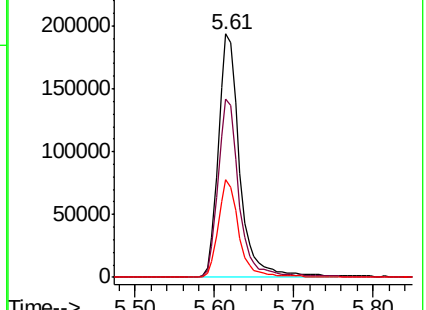
63 40.1 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.174 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

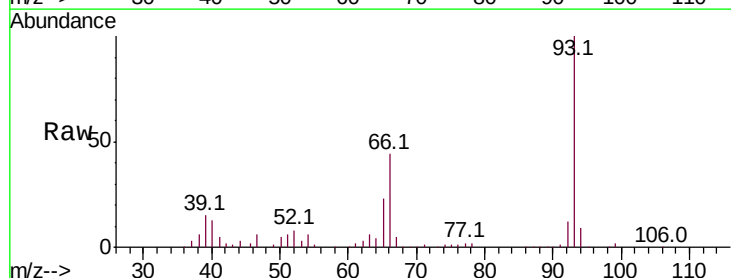
Tgt Ion: 93 Resp: 167577

Ion Ratio Lower Upper

93 100

66 44.2 35.0 52.4

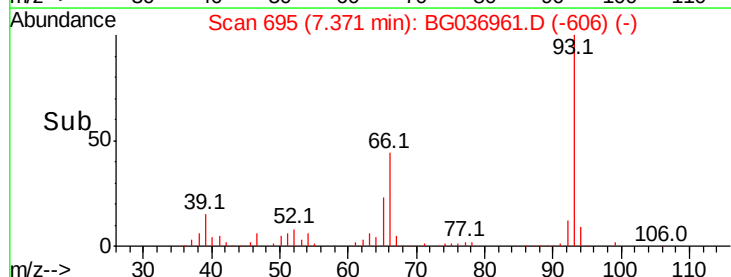
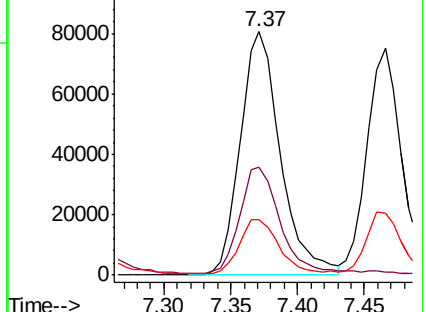
65 22.8 17.6 26.4

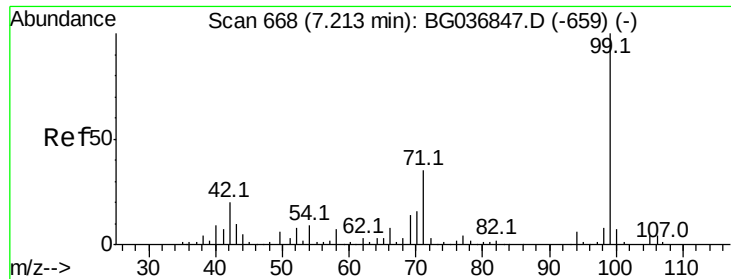


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.680 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

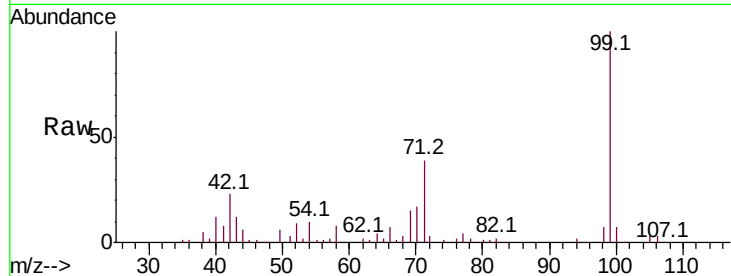
Tot Ion: 99 Resp: 516531

Ion Ratio Lower Upper

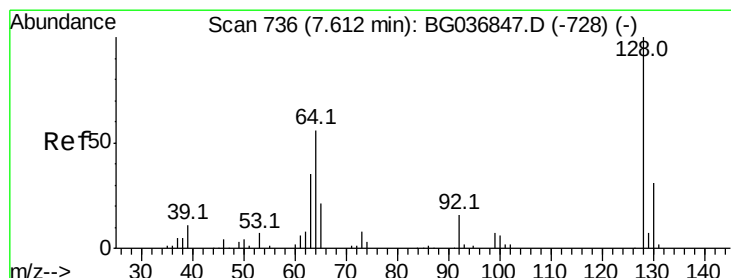
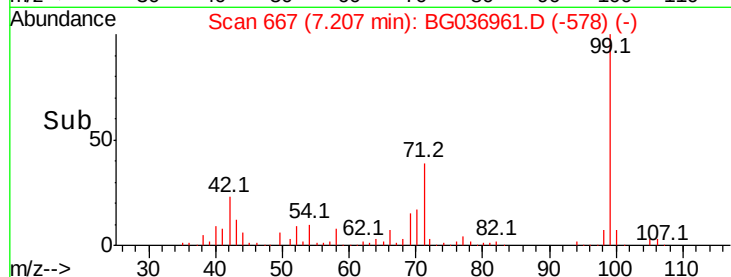
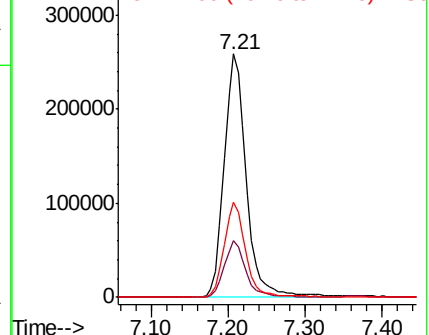
99 100

42 23.1 16.5 24.7

71 39.0 29.4 44.2



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: 47.314 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

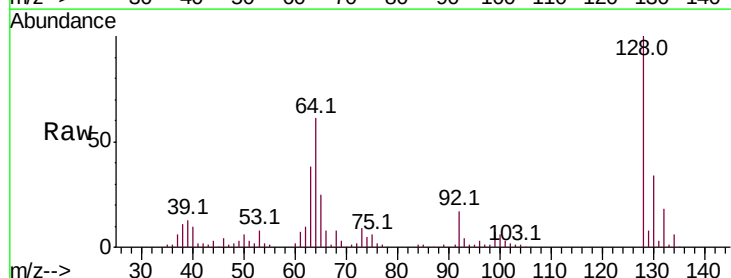
Tgt Ion: 128 Resp: 134190

Ion Ratio Lower Upper

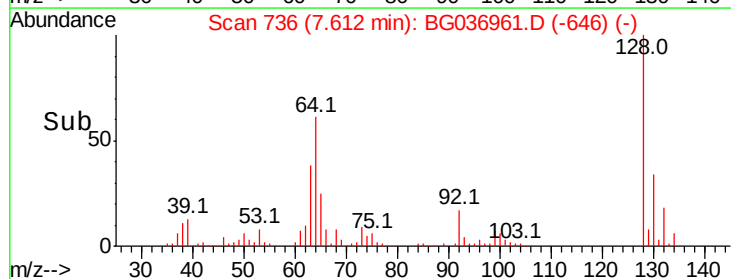
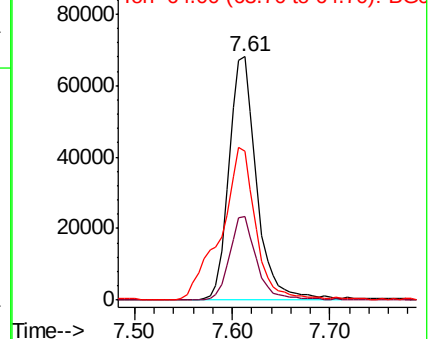
128 100

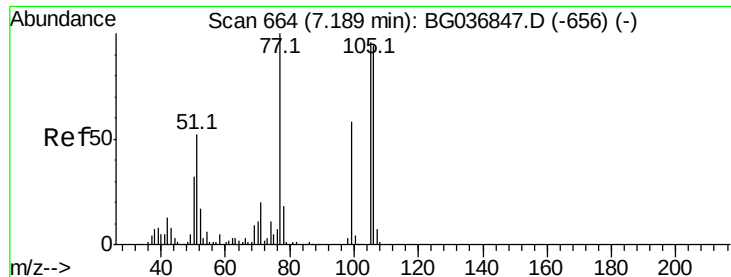
130 34.5 10.0 50.0

64 61.2 36.0 76.0



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





#9

Benzaldehyde

Concen: 35.398 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampled :

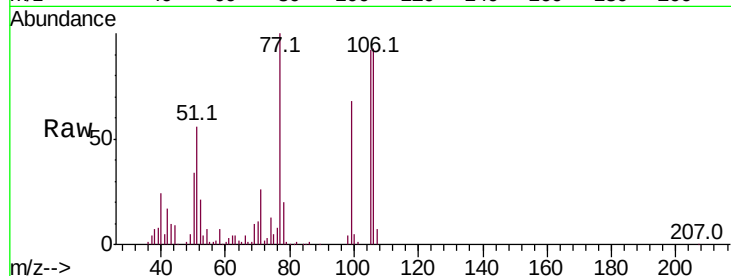
Tot Ion: 77 Resp: 88396

Ion Ratio Lower Upper

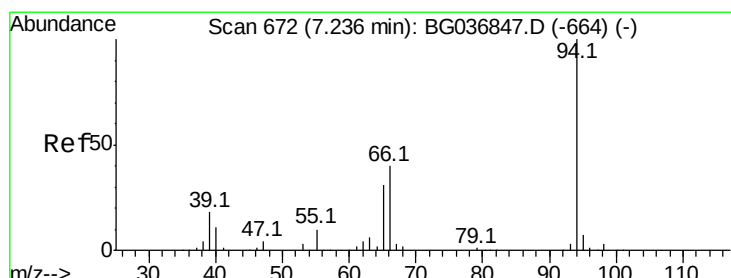
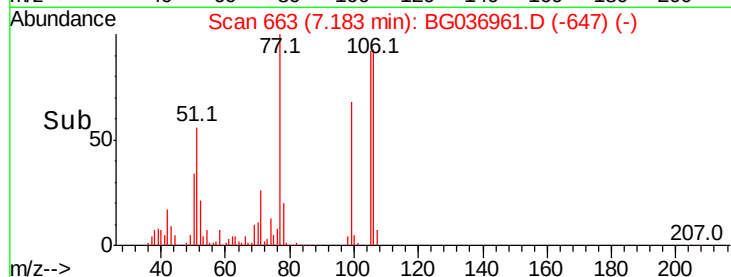
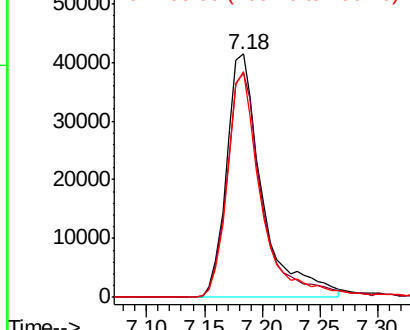
77 100

105 92.1 70.5 110.5

106 92.6 69.8 109.8



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: 47.926 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

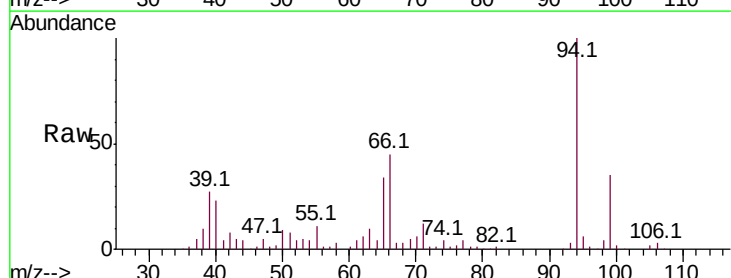
Tgt Ion: 94 Resp: 186924

Ion Ratio Lower Upper

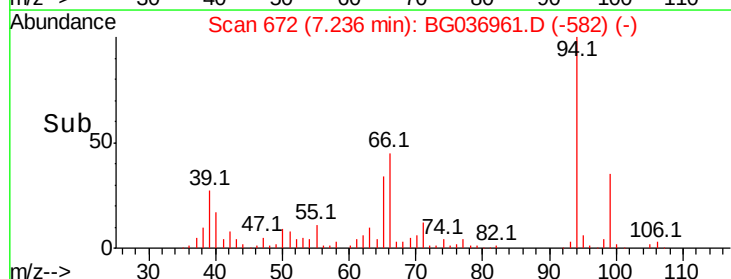
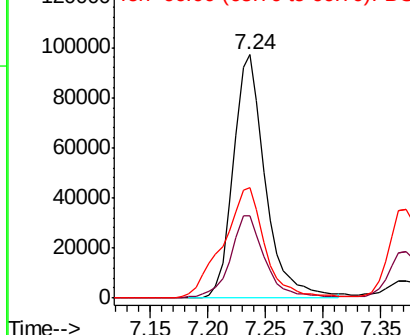
94 100

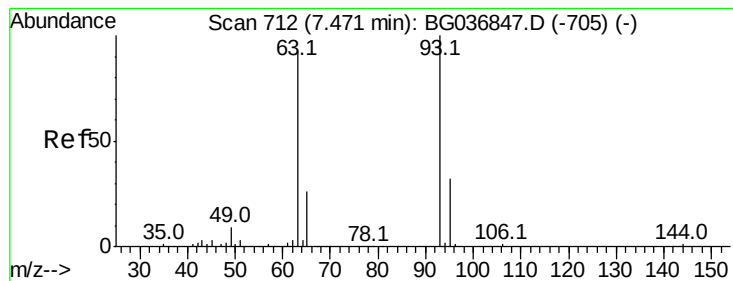
65 33.9 11.5 51.5

66 45.2 19.5 59.5



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: 39.466 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

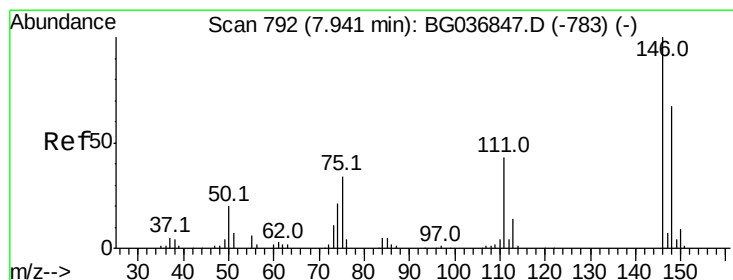
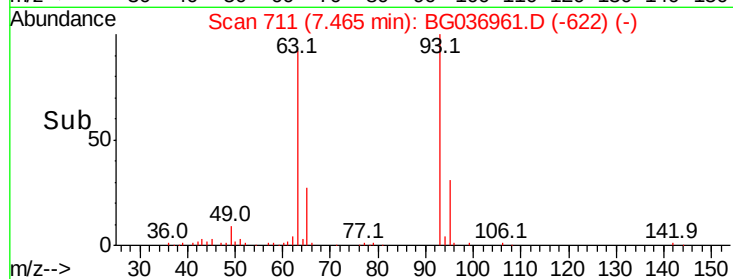
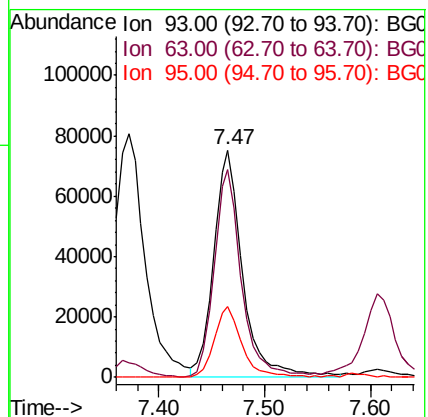
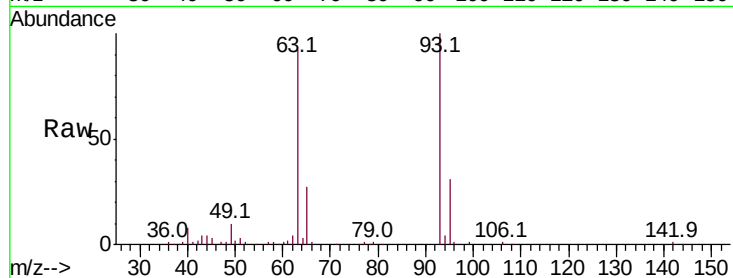
Tot Ion: 93 Resp: 142386

Ion Ratio Lower Upper

93 100

63 91.5 69.9 109.9

95 30.9 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 40.425 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

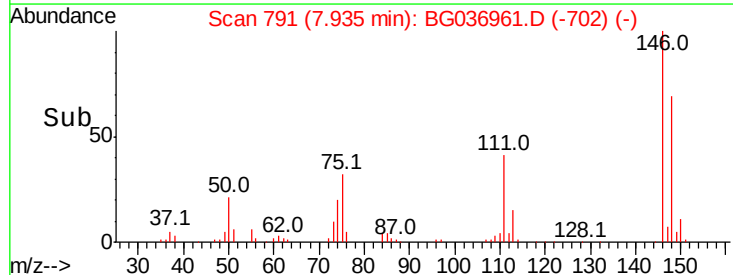
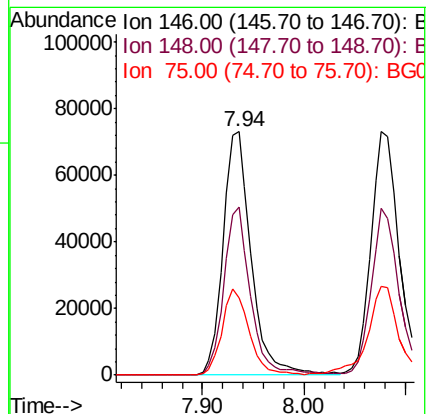
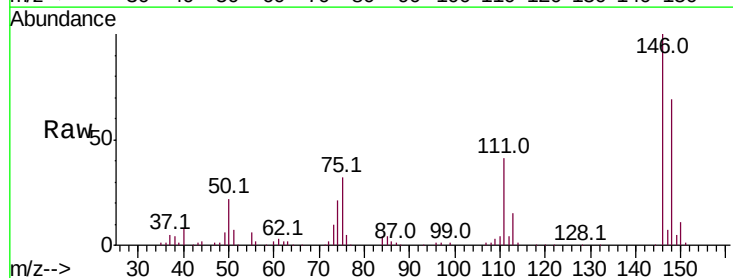
Tgt Ion: 146 Resp: 140562

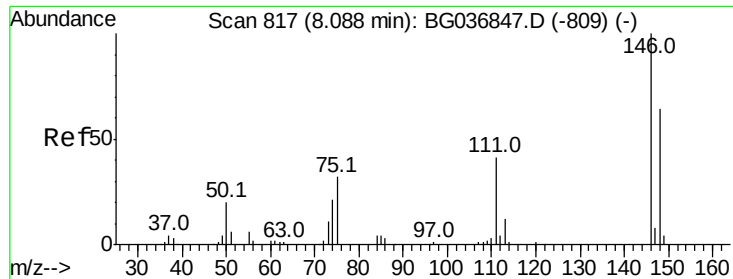
Ion Ratio Lower Upper

146 100

148 69.1 53.8 80.6

75 31.7 27.2 40.8

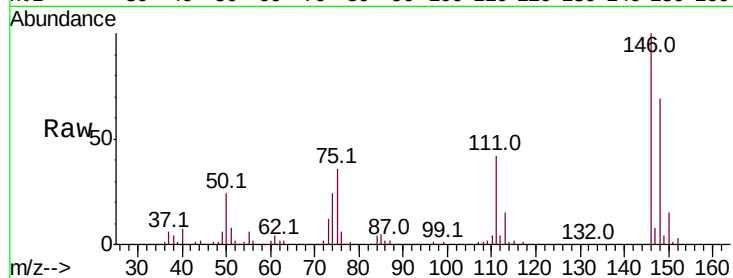




#13
 1,4-Dichlorobenzene
 Concen: 39.552 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	53.9	80.9
111	41.6	33.8	50.6

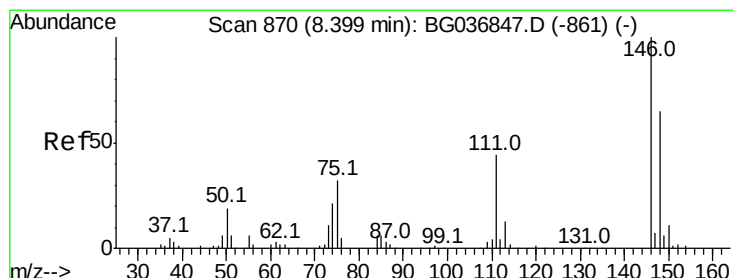
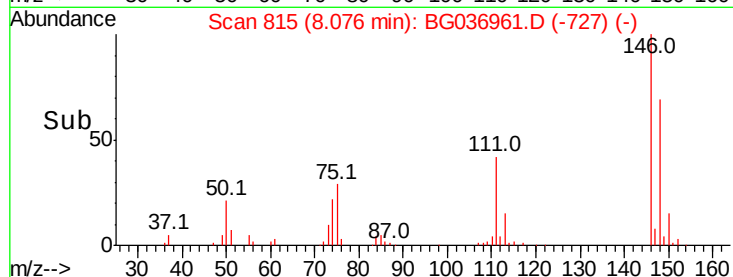
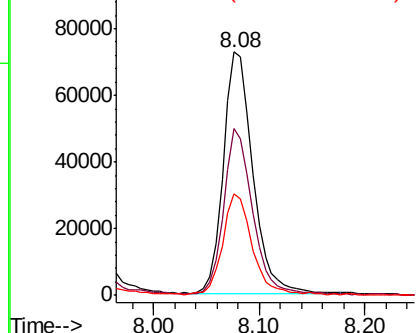


Abundance

Ion 146.00 (145.70 to 146.70): E

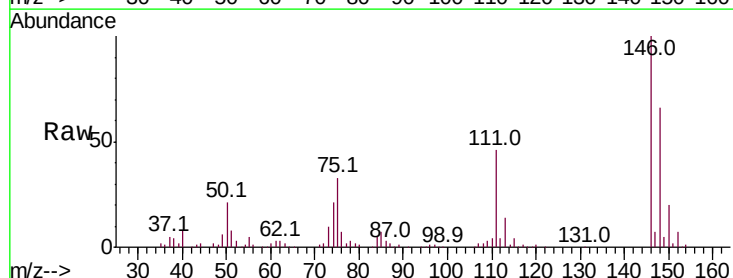
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.075 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.0	82.6
111	46.4	34.6	51.8

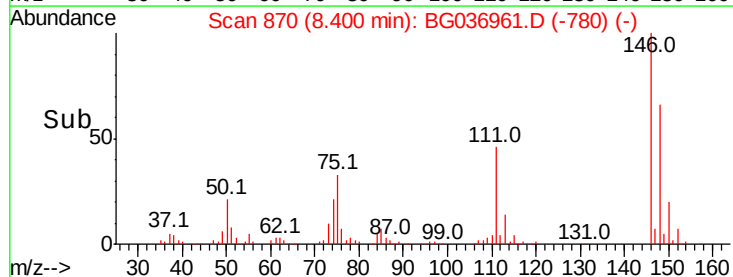
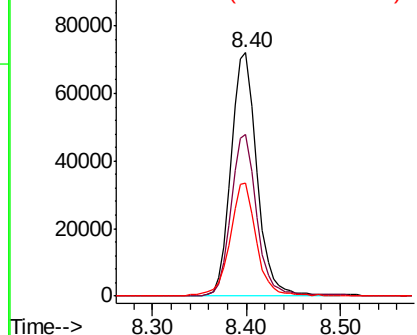


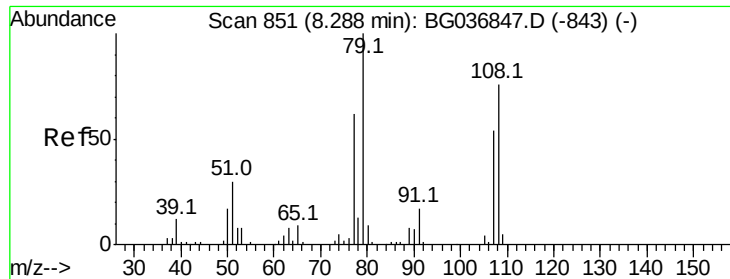
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.094 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampled :

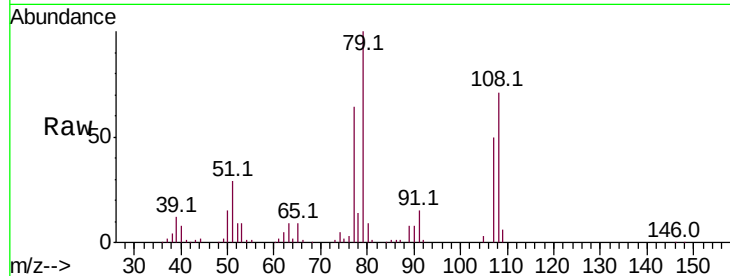
Tot Ion: 79 Resp: 135212

Ion Ratio Lower Upper

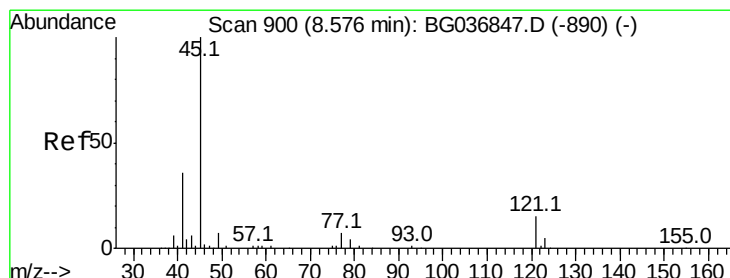
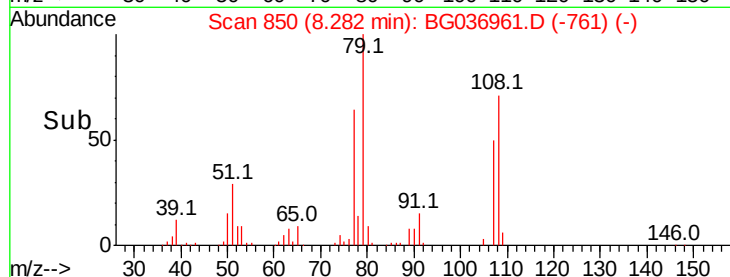
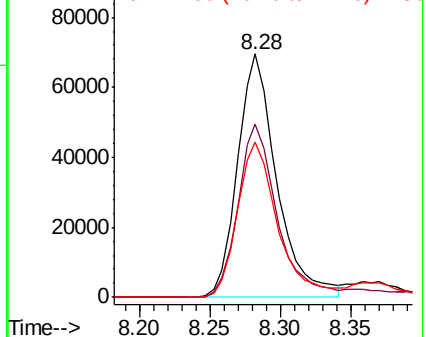
79 100

108 70.9 55.9 83.9

77 63.6 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.704 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

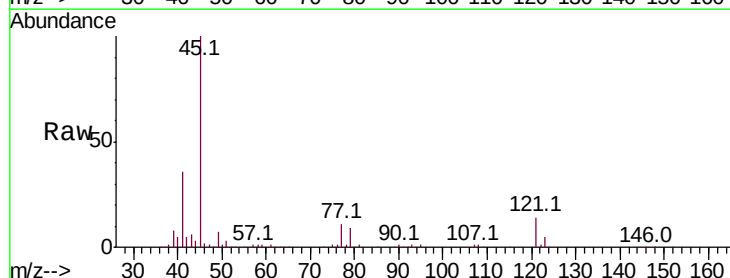
Tgt Ion: 45 Resp: 288863

Ion Ratio Lower Upper

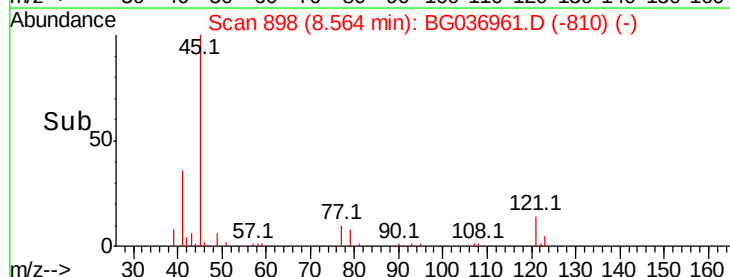
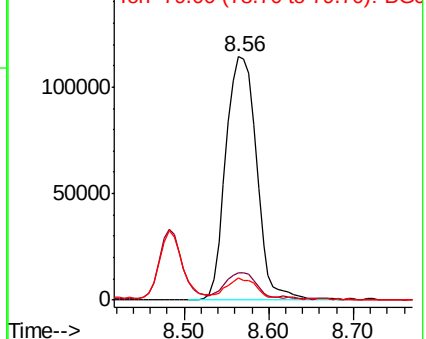
45 100

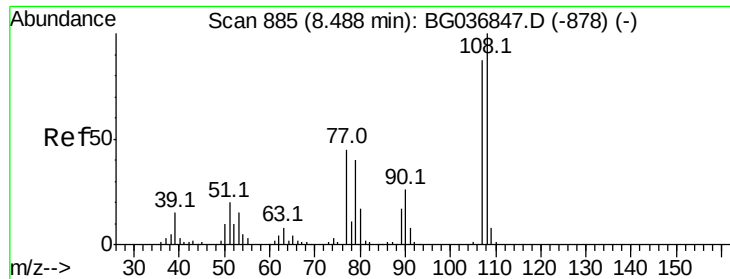
77 11.1 0.0 30.5

79 8.9 0.0 27.9



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

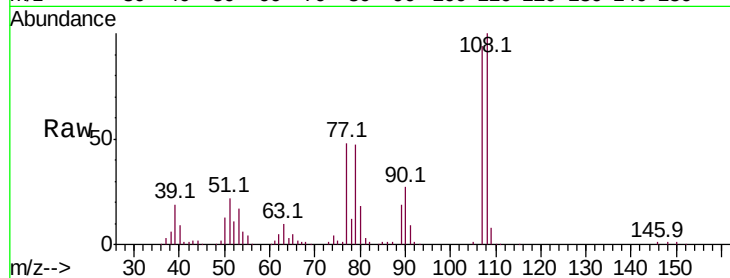




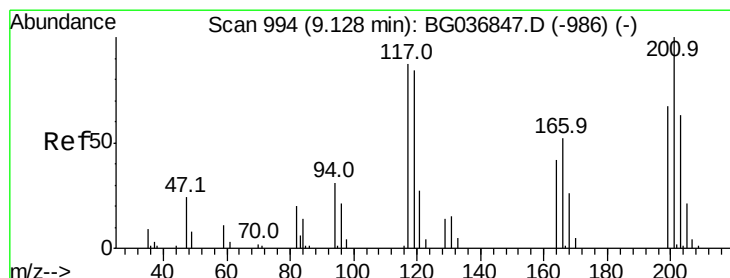
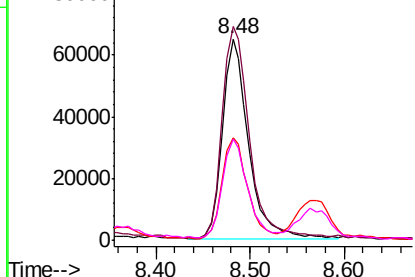
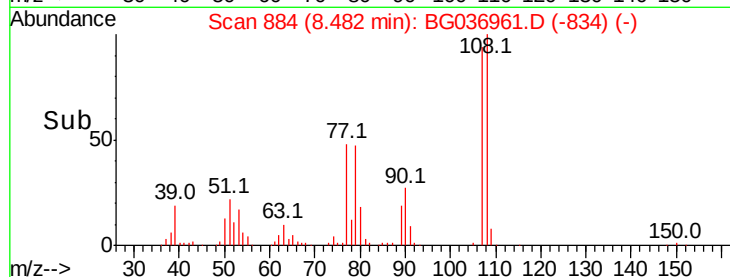
#17
2-Methylphenol
Concen: 45.890 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 124674
Ion Ratio Lower Upper
107 100
108 106.1 86.7 130.1
77 50.8 39.0 58.4
79 50.3 36.6 54.8

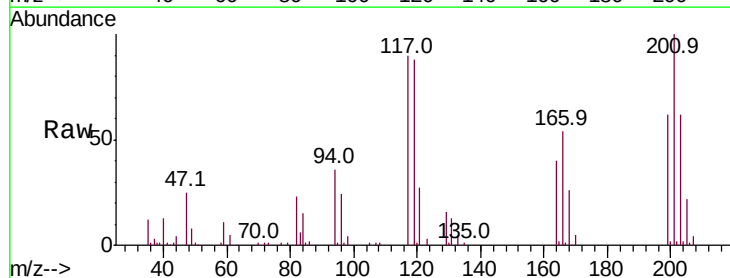


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

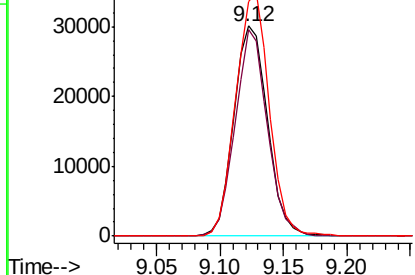
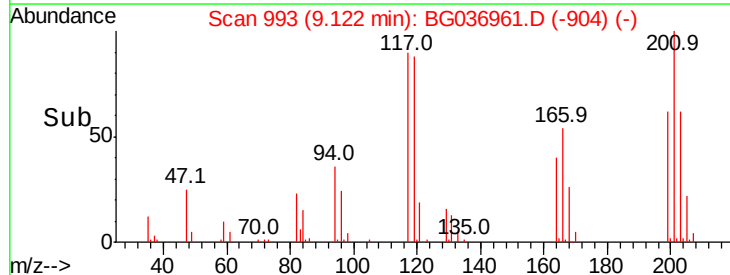


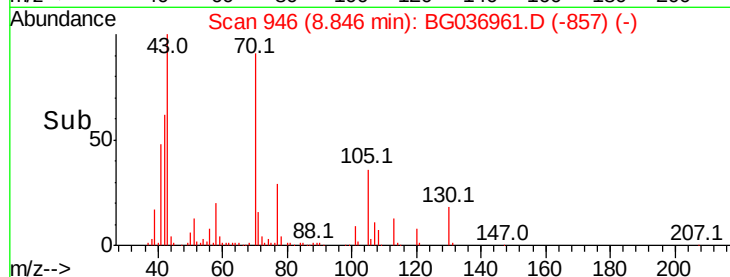
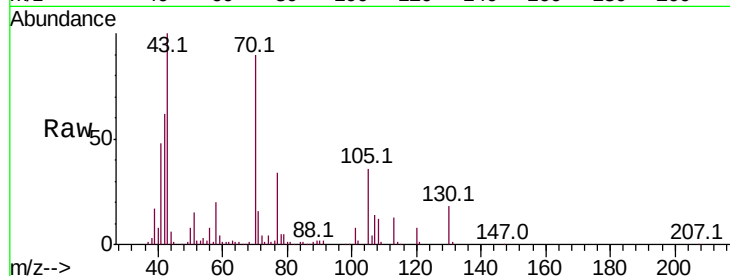
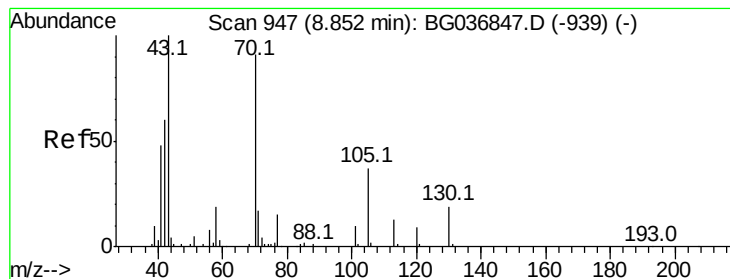
#18
Hexachloroethane
Concen: 42.408 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion:117 Resp: 55532
Ion Ratio Lower Upper
117 100
119 98.6 76.8 115.2
201 111.7 85.7 128.5



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: 38.847 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 122127

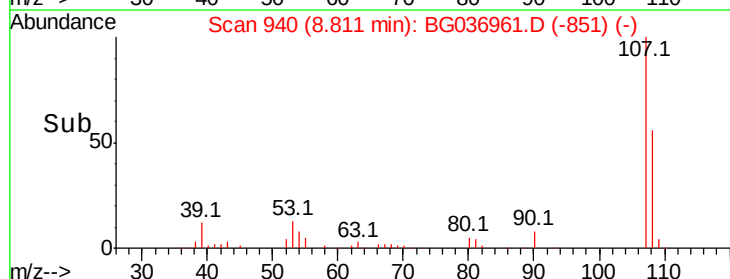
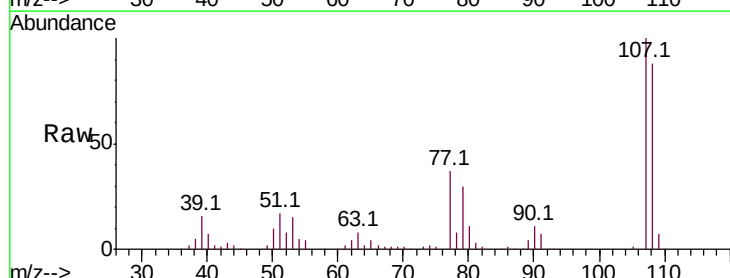
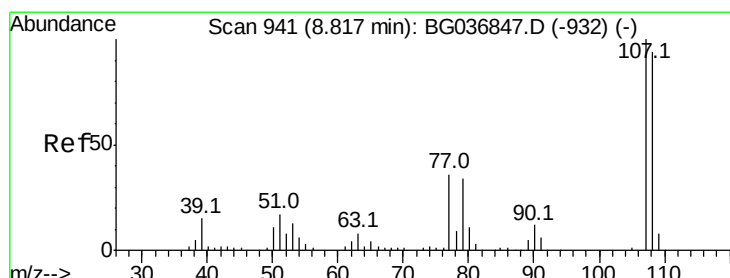
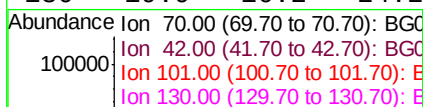
Ion Ratio Lower Upper

70 100

42 68.9 56.2 84.4

101 9.4 7.8 11.6

130 19.9 16.2 24.2



#20

3+4-Methylphenols

Concen: 47.088 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Tgt Ion:107 Resp: 177972

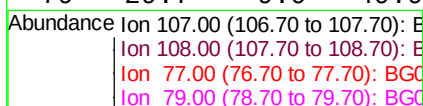
Ion Ratio Lower Upper

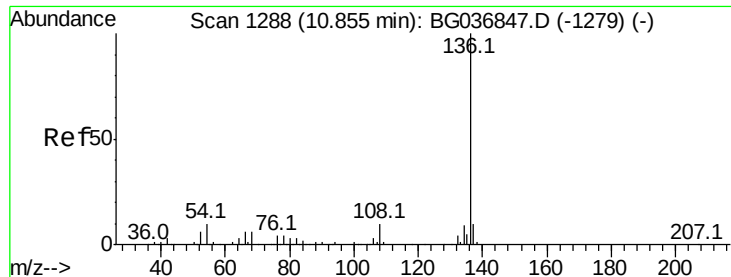
107 100

108 87.8 68.0 108.0

77 36.6 15.6 55.6

79 29.7 9.9 49.9

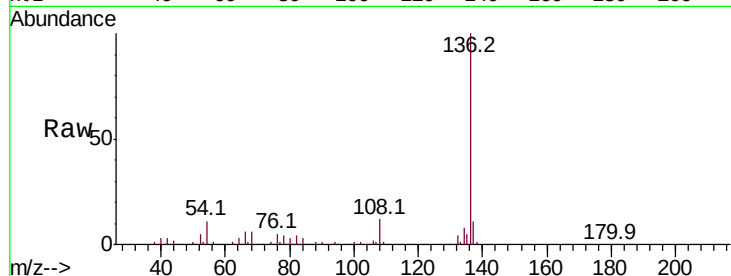




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 200025
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 11.2	9.2 13.8
68 6.0	5.8 8.6



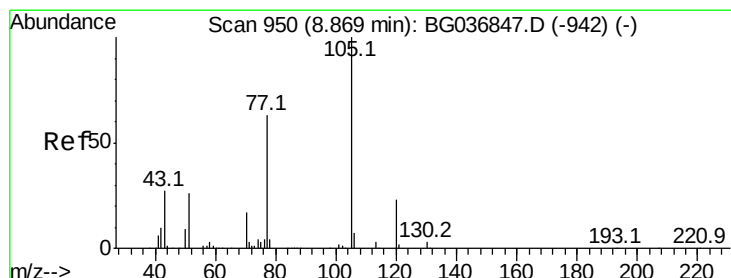
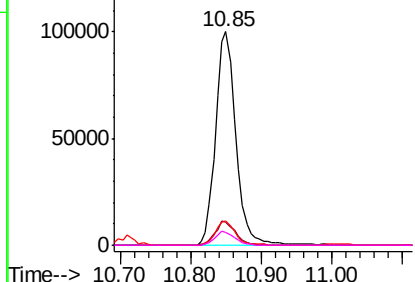
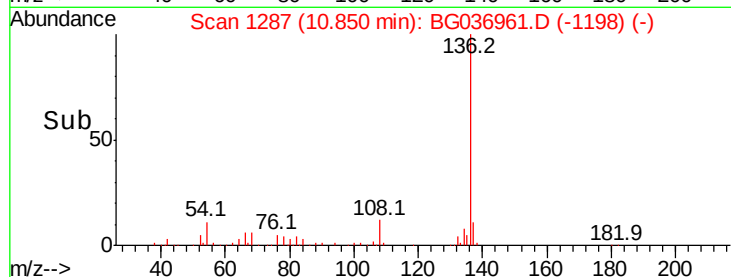
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

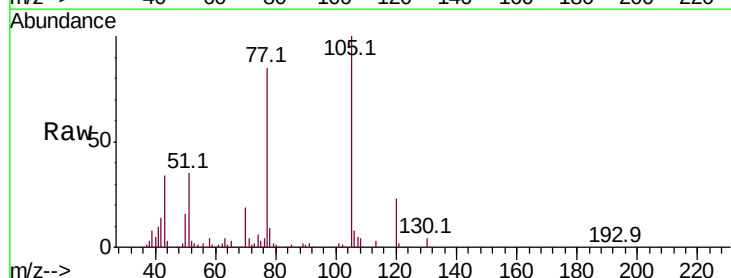
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.791 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion:105	Resp: 215241
Ion Ratio	Lower Upper
105 100	
71 3.7	2.4 3.6#
51 34.8	25.9 38.9
120 22.8	19.4 29.0



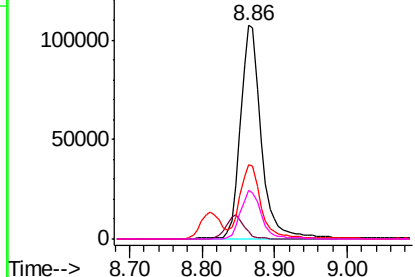
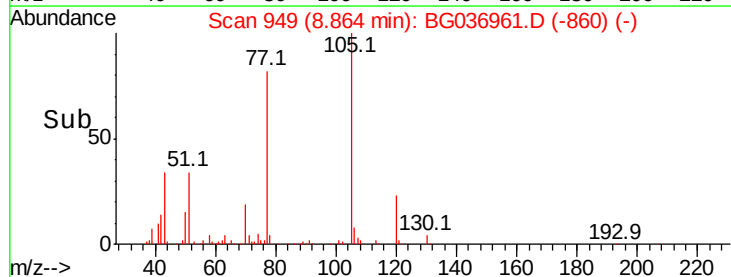
Abundance

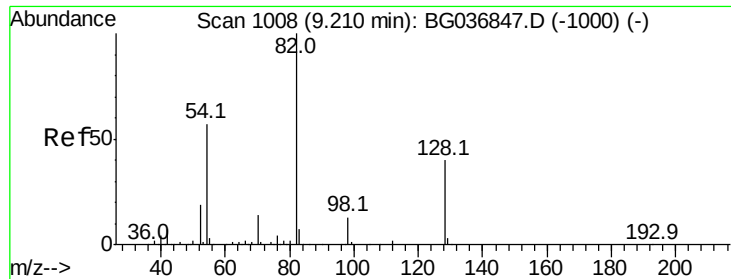
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

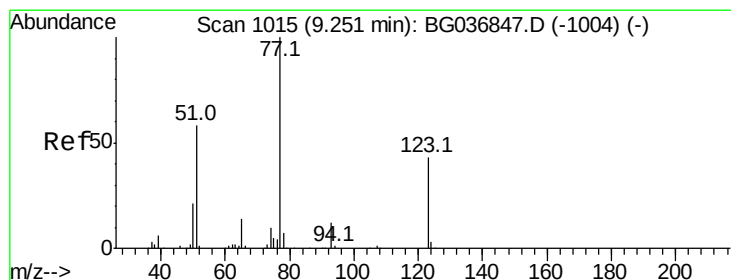
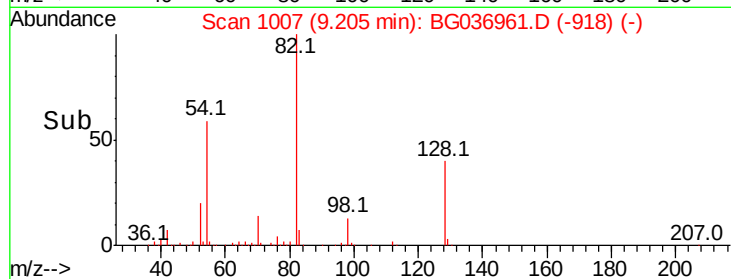
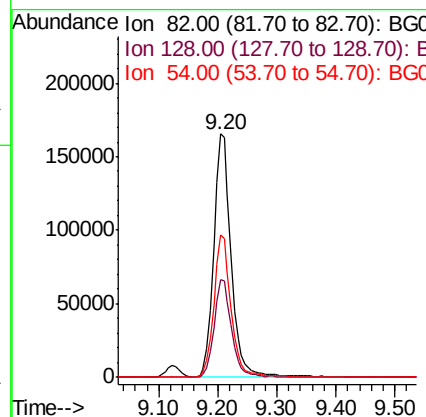
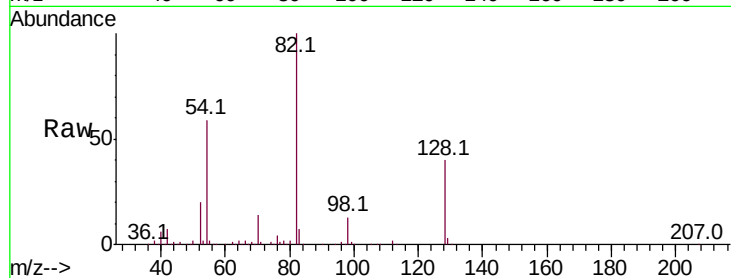




#23
 Nitrobenzene-d5
 Concen: 91.083 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

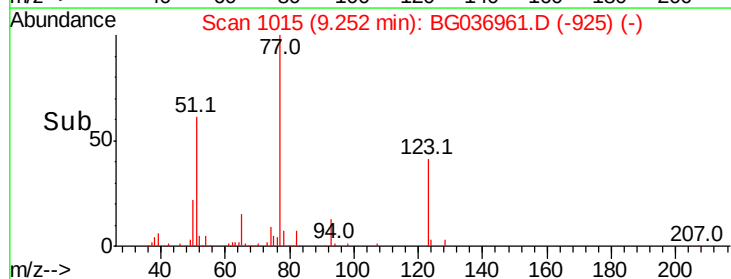
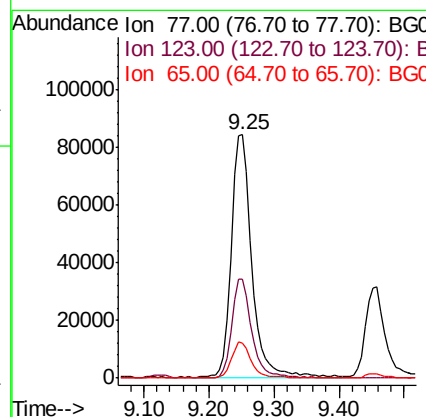
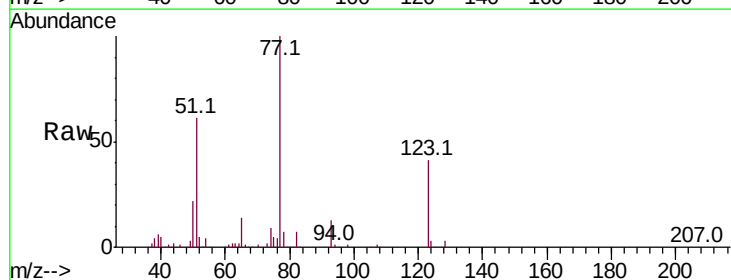
Instrument :
 BNA_F
 ClientSampled :

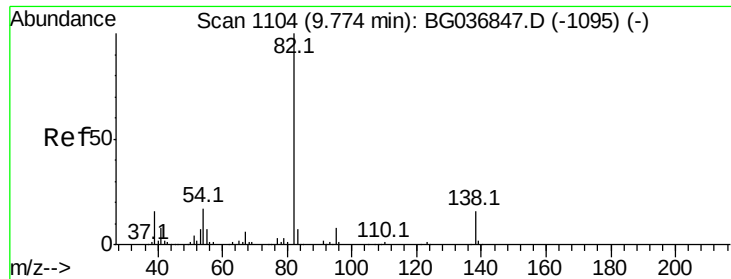
Tot Ion	82	Resp	340215
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	58.7	45.1	67.7



#24
 Nitrobenzene
 Concen: 45.667 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	77	Resp	182159
Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.4	48.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 50.470 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampled :

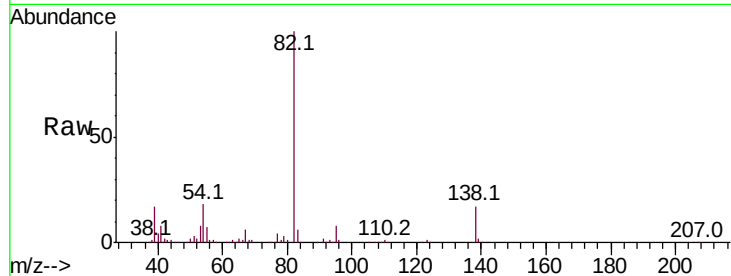
Tot Ion: 82 Resp: 344458

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.8

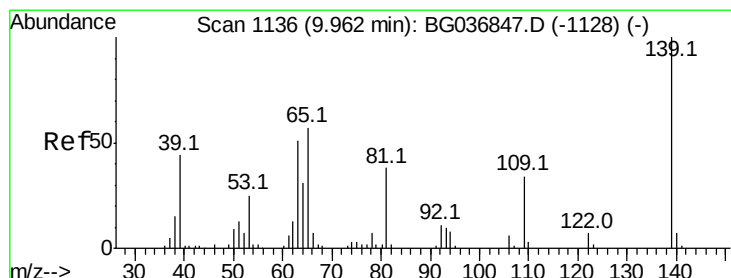
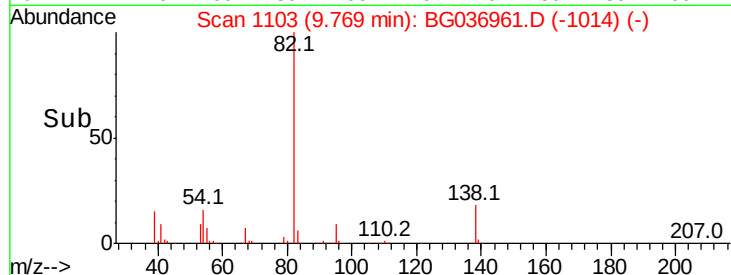
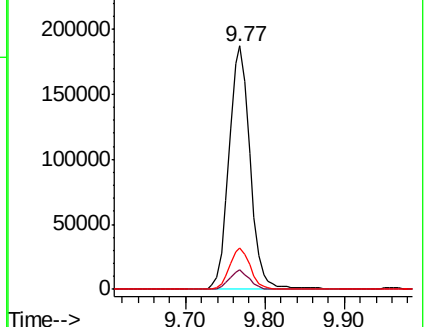
138 16.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC

250000 Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.643 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

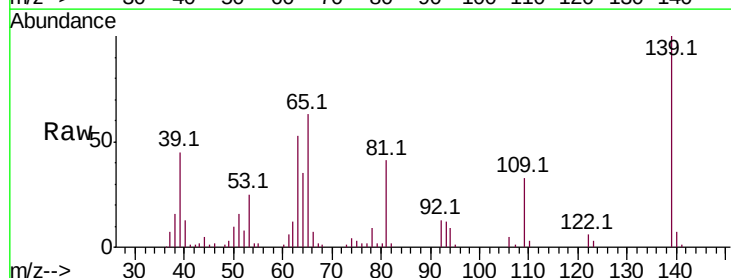
Tgt Ion: 139 Resp: 78929

Ion Ratio Lower Upper

139 100

109 33.1 27.4 41.0

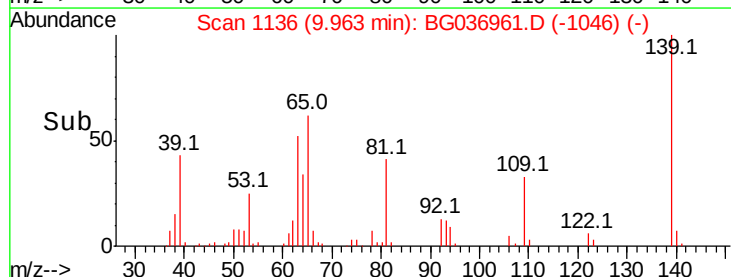
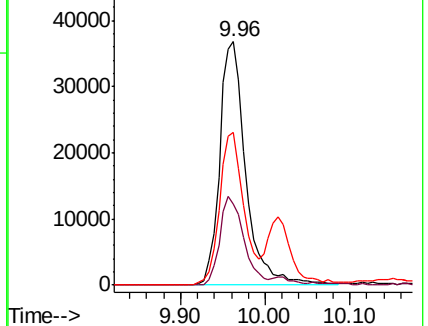
65 62.7 47.8 71.6

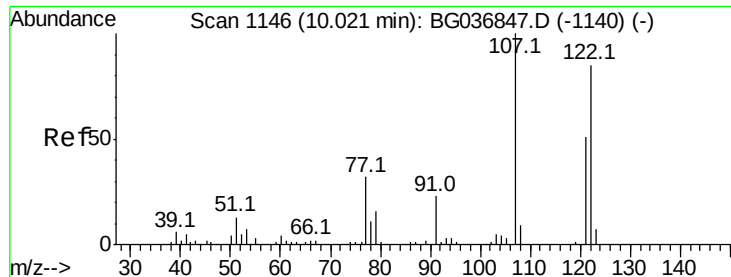


Abundance Ion 139.00 (138.70 to 139.70): BGC

50000 Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

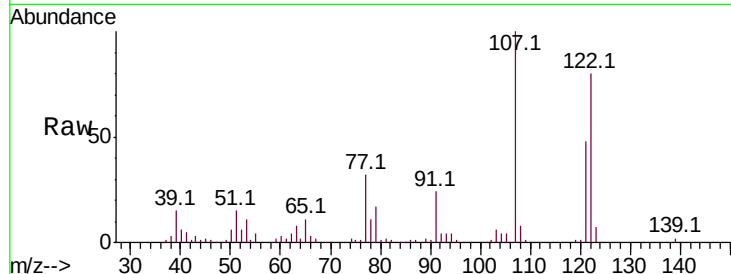




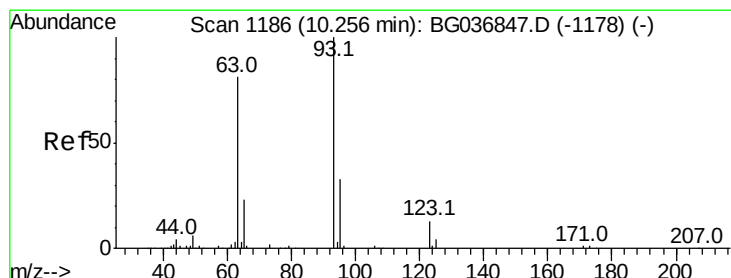
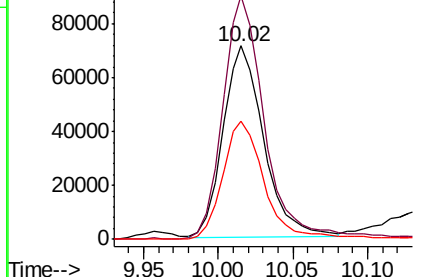
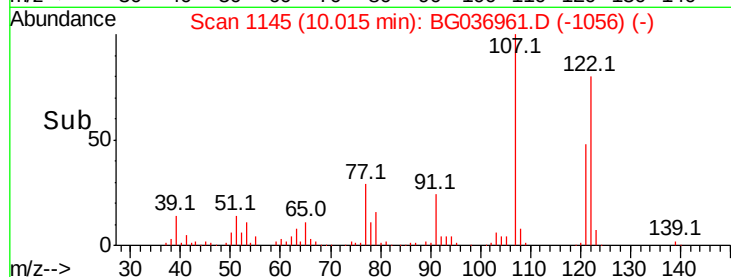
#27
 2,4-Dimethylphenol
 Concen: 55.012 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 136247
 Ion Ratio Lower Upper
 122 100
 107 125.8 96.0 144.0
 121 60.9 48.2 72.4

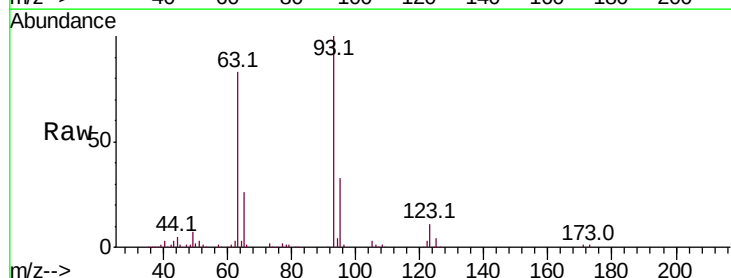


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

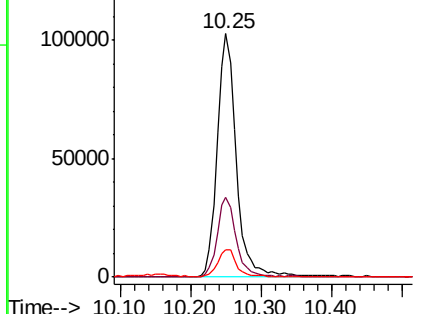
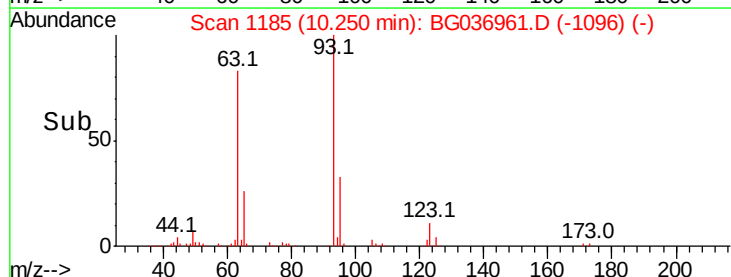


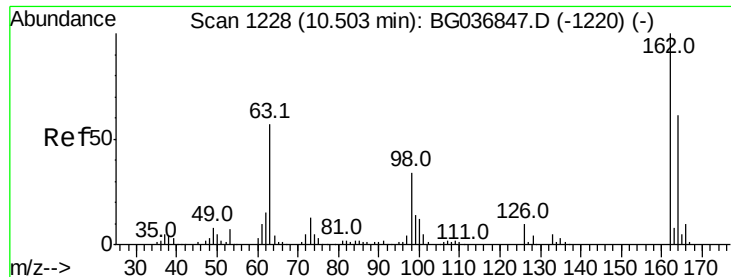
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.933 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 93 Resp: 193442
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.2 37.8
 123 11.2 8.6 12.8



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

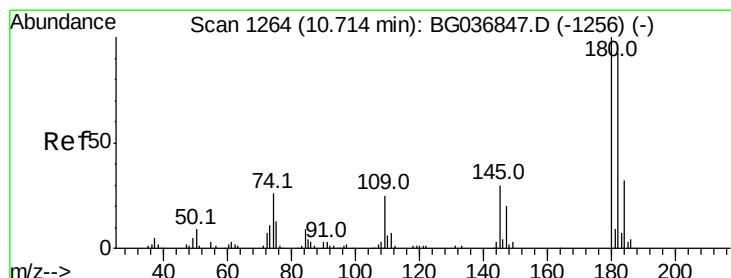
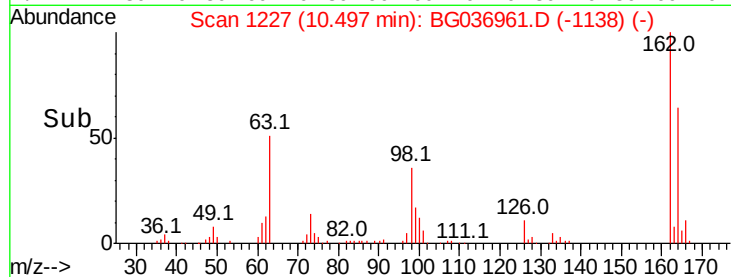
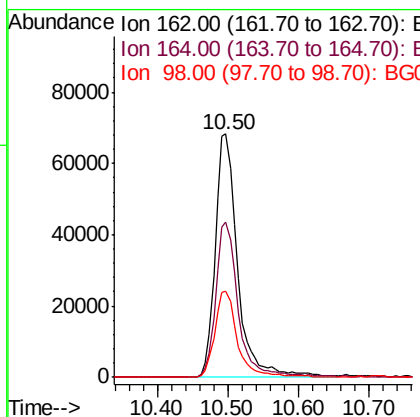
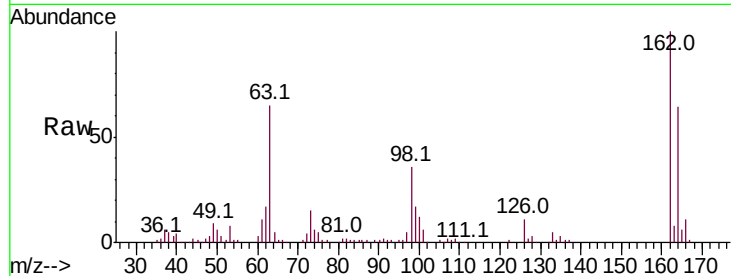




#29
 2,4-Dichlorophenol
 Concen: 52.539 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

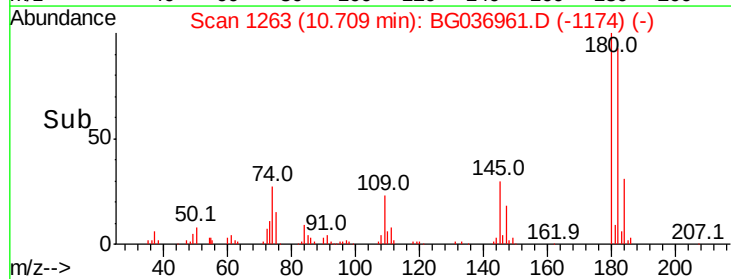
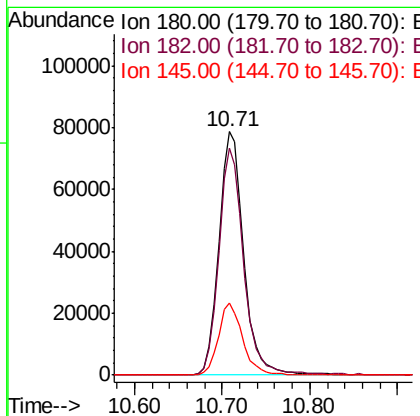
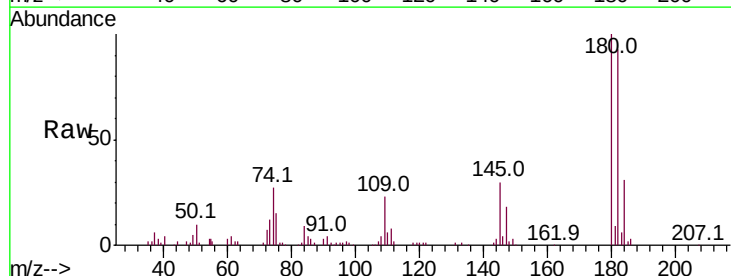
Instrument :
 BNA_F
 ClientSampleId :

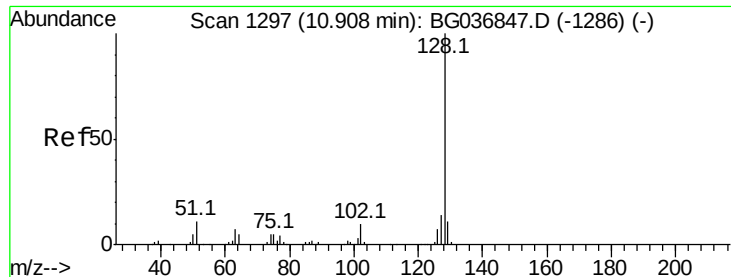
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	47.6	87.6
98	35.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.974 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	29.7	22.9	34.3

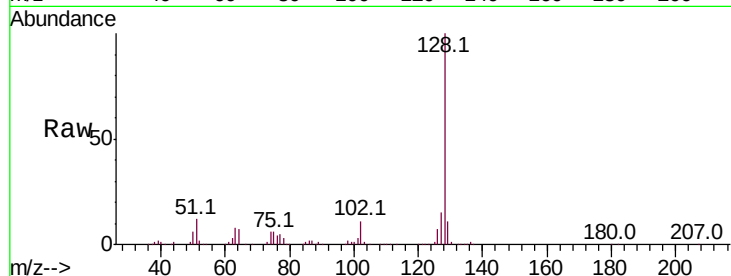




#31
Naphthalene
Concen: 46.365 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	14.5	11.0	16.4

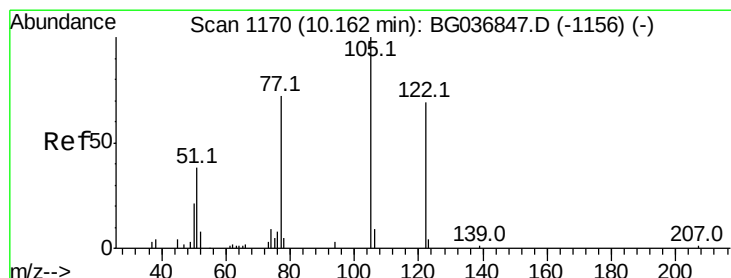
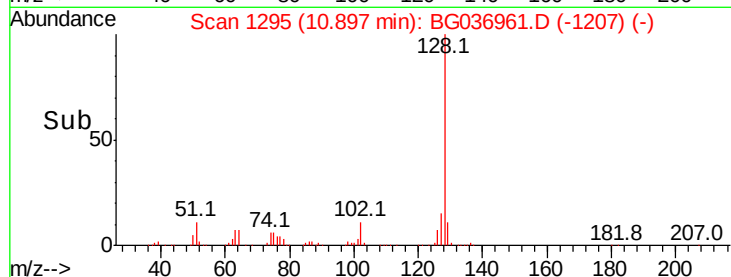
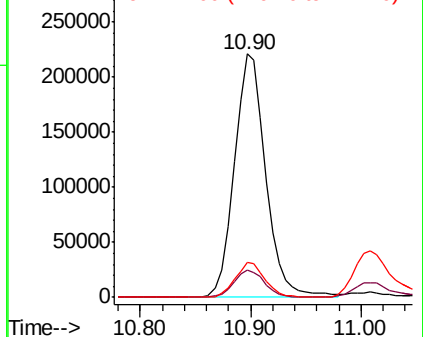


Abundance

Ion 128.00 (127.70 to 128.70): E

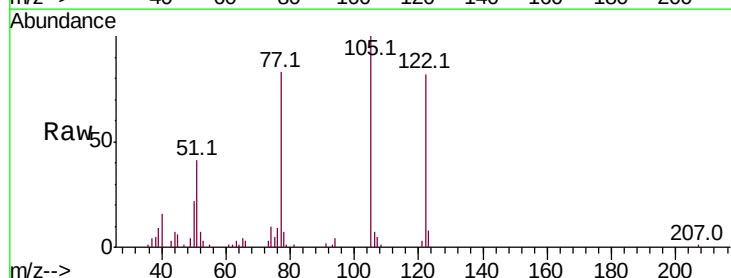
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 28.826 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	108.1	148.1
77	101.2	76.3	116.3

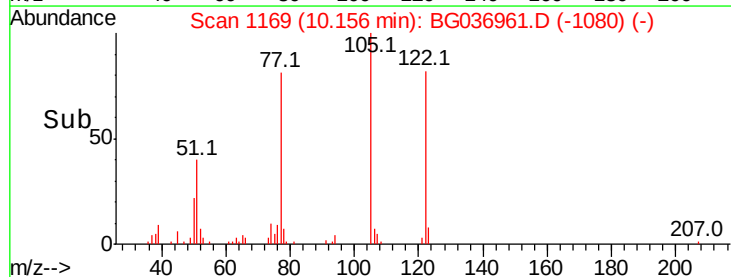
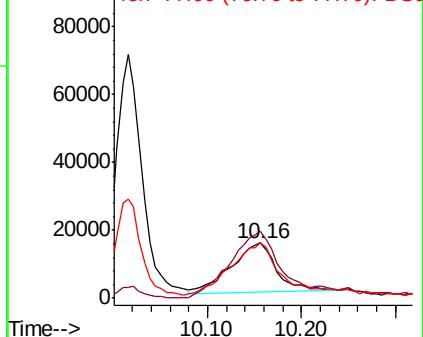


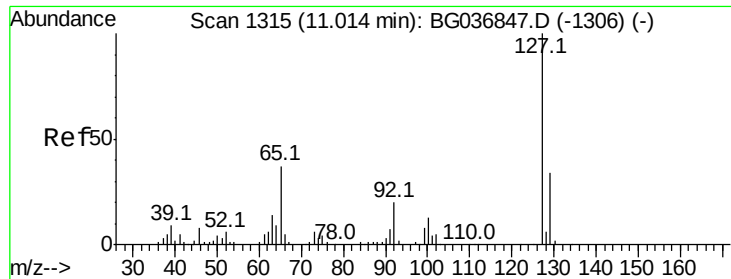
Abundance

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

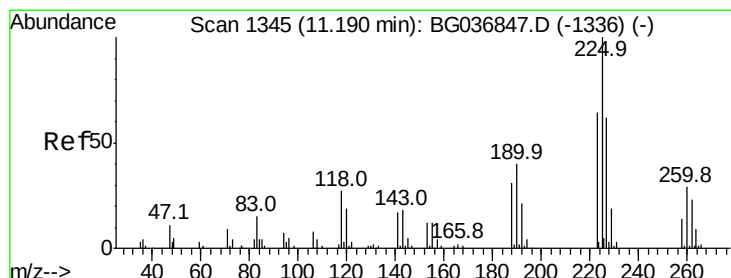
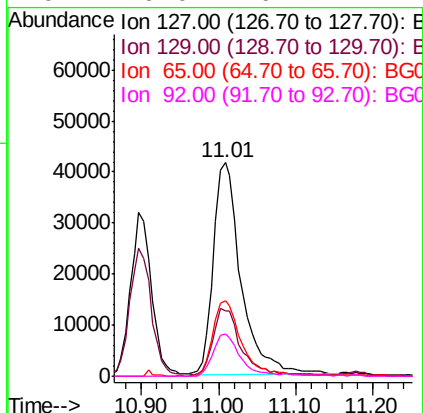
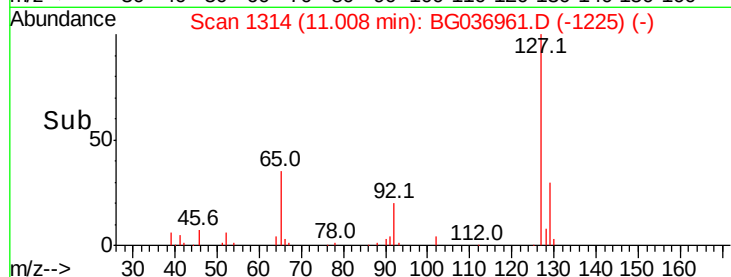
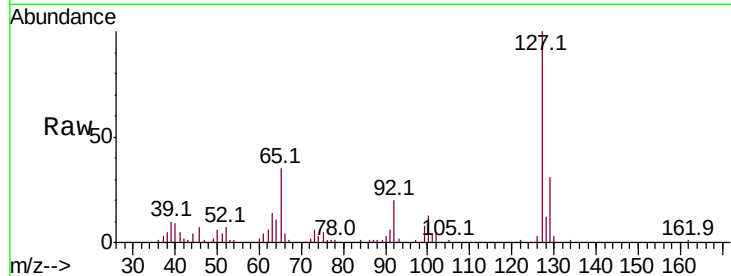




#33
4-Chloroaniline
Concen: 24.021 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

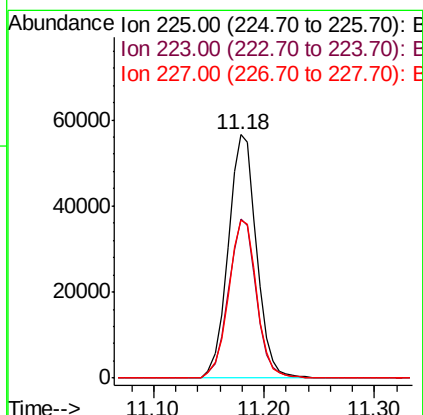
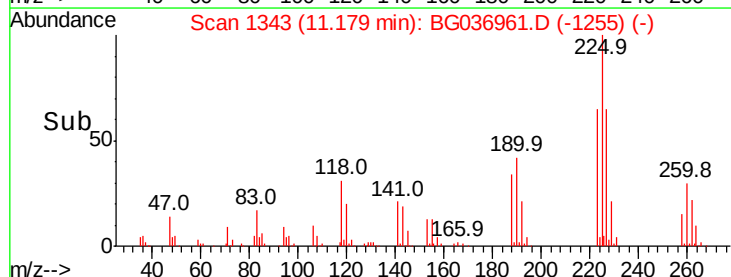
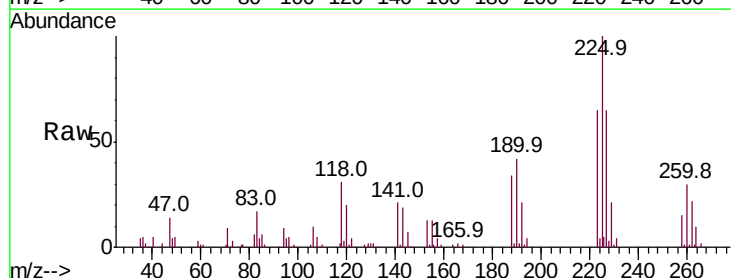
Instrument :
BNA_F
ClientSampleId :

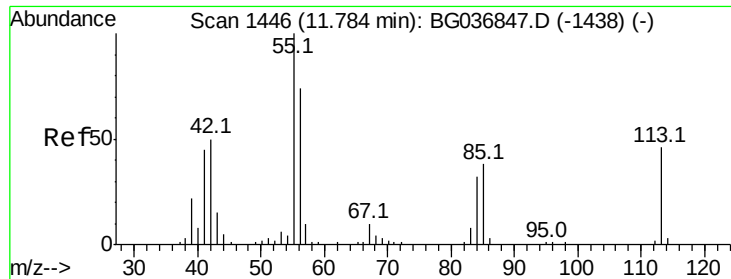
Tot Ion:	127	Resp:	103944
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	35.5	27.5	41.3
92	20.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 40.908 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion:	225	Resp:	101644
Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.8	77.8
227	65.0	49.8	74.6





#35

Caprolactam

Concen: 32.444 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

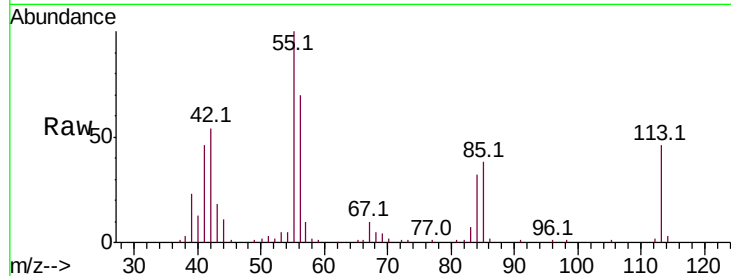
Tot Ion:113 Resp: 38338

Ion Ratio Lower Upper

113 100

55 218.5 197.7 237.7

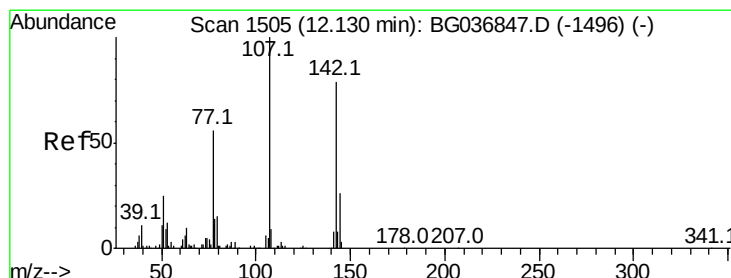
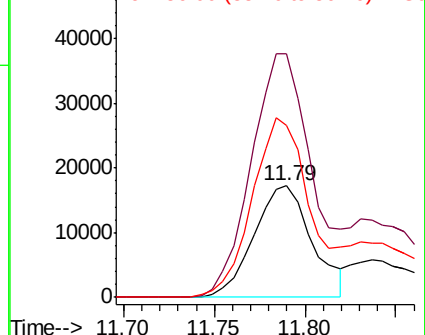
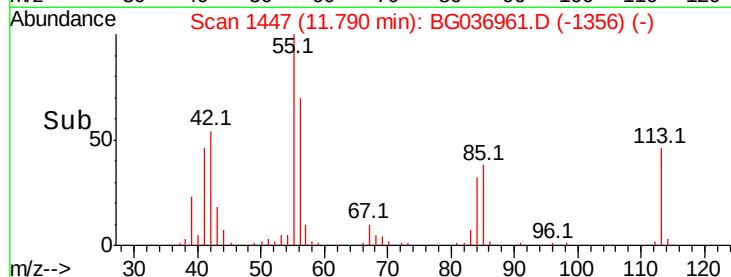
56 153.9 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.582 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

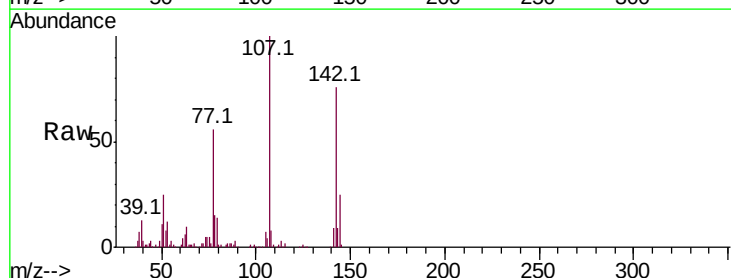
Tgt Ion:107 Resp: 180131

Ion Ratio Lower Upper

107 100

144 24.6 19.5 29.3

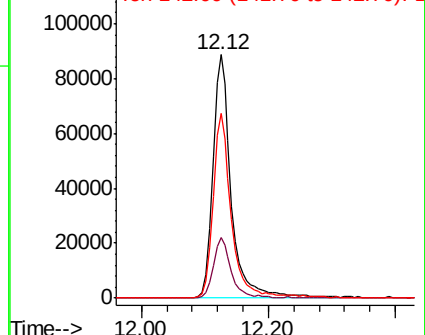
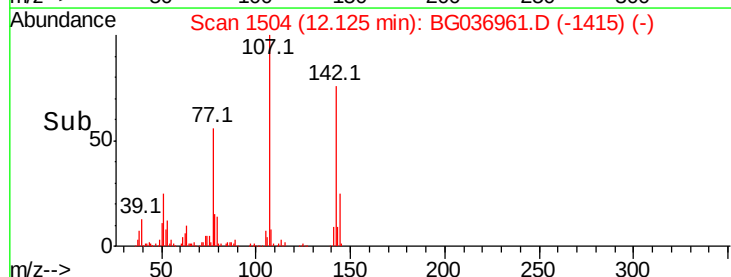
142 75.7 62.4 93.6

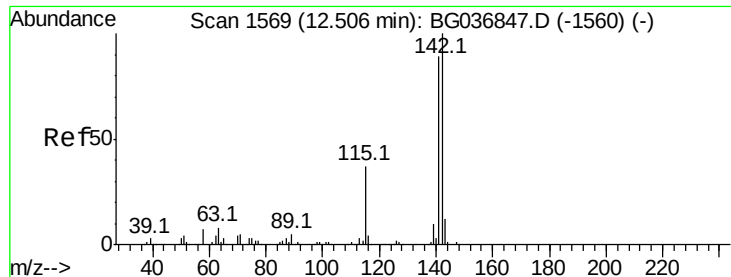


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

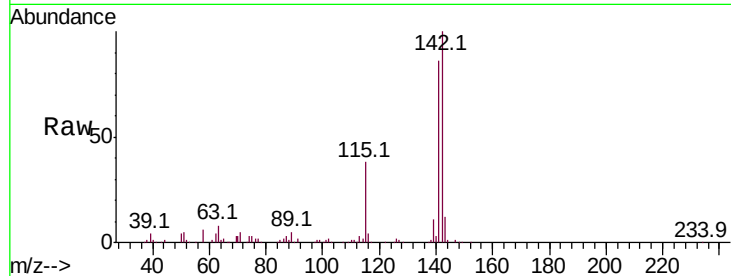




#37
 2-Methylnaphthalene
 Concen: 47.993 ng
 RT: 12.50 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.5	102.7
115	38.3	29.8	44.8

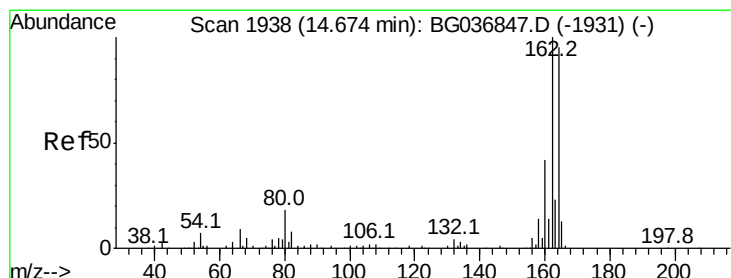
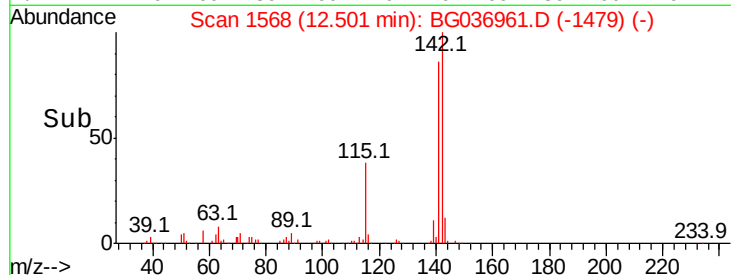
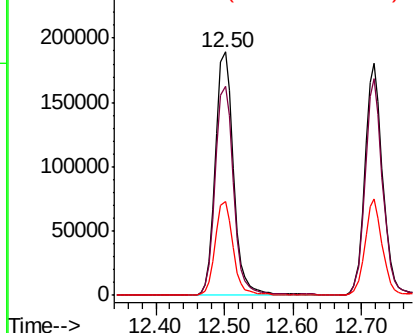


Abundance

Ion 142.00 (141.70 to 142.70): E

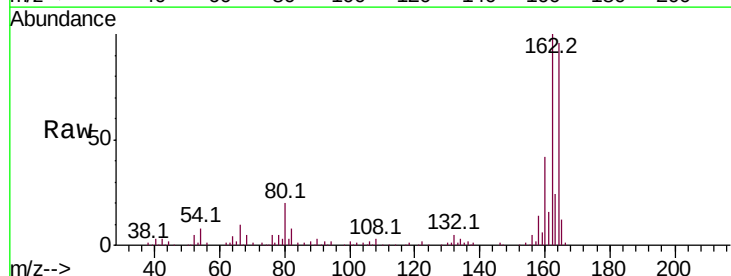
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	43.3	35.3	52.9

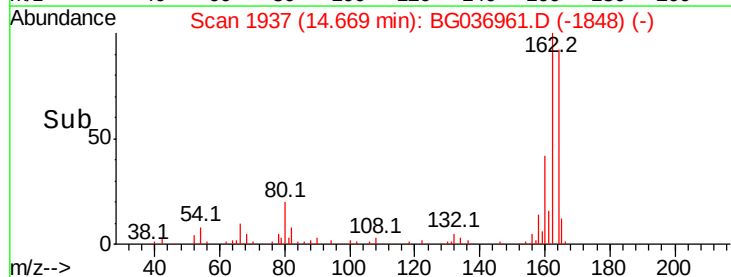
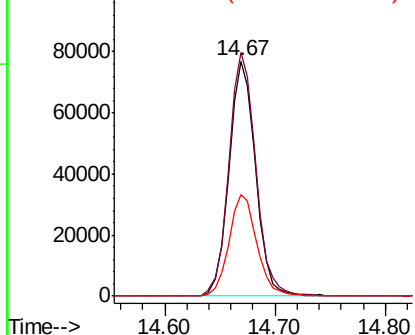


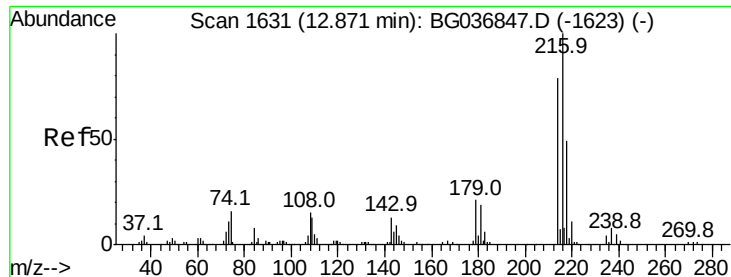
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.201 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 195258

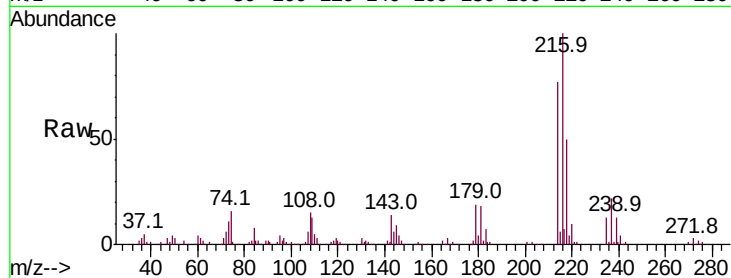
Ion Ratio Lower Upper

216 100

214 77.7 61.0 91.6

179 19.4 15.7 23.5

108 19.4 13.1 19.7

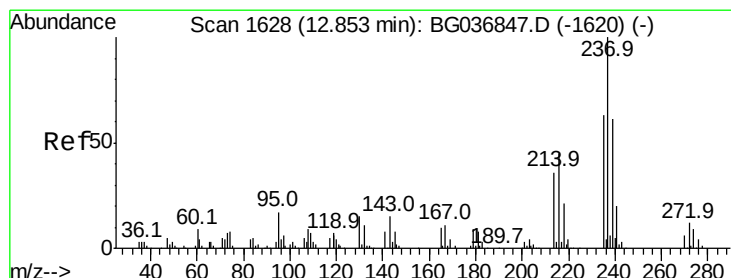
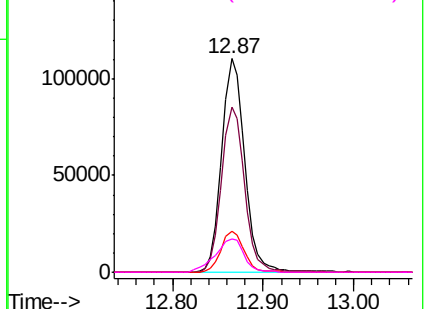
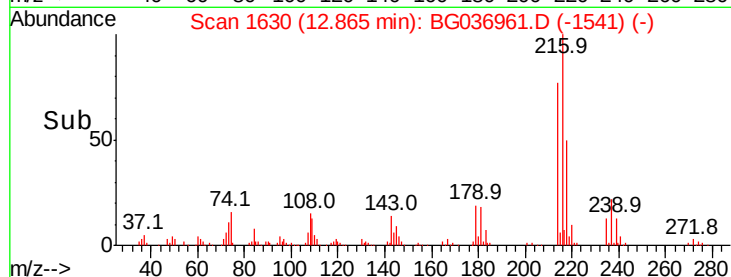


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 106.334 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

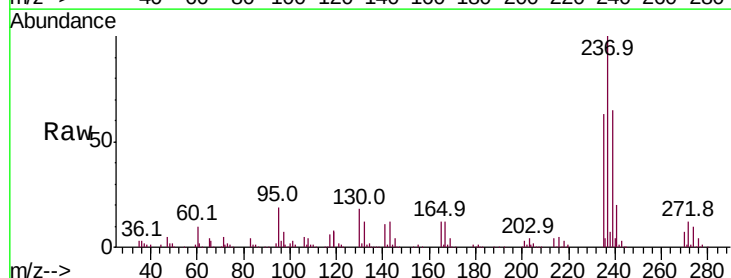
Tgt Ion:237 Resp: 247177

Ion Ratio Lower Upper

237 100

235 63.3 42.2 82.2

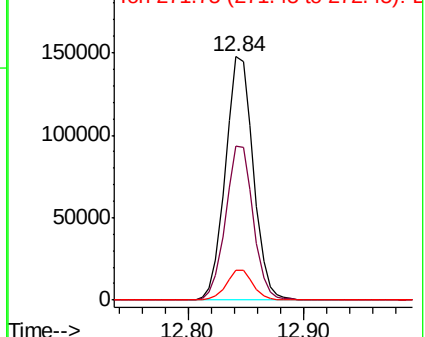
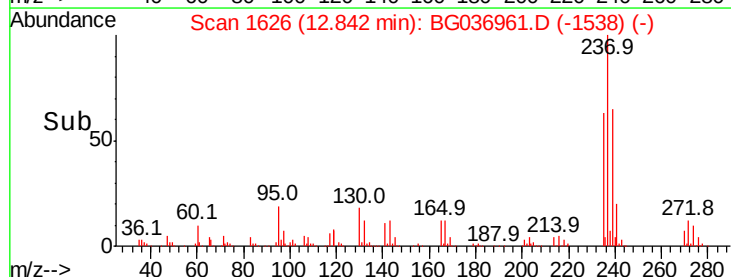
272 12.1 0.0 32.1

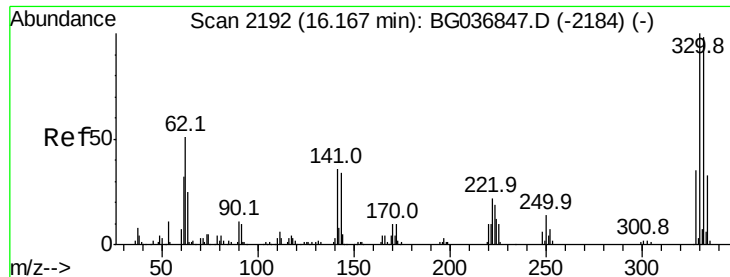


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

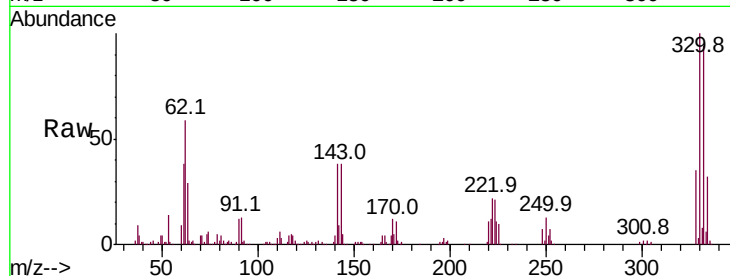




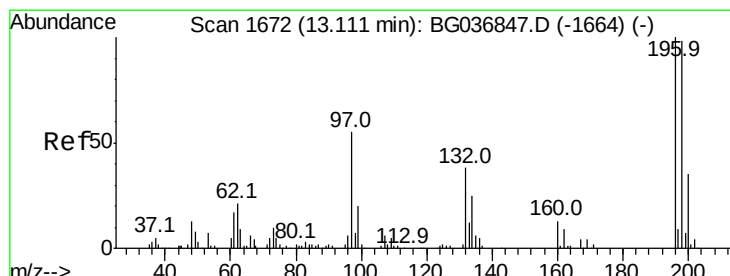
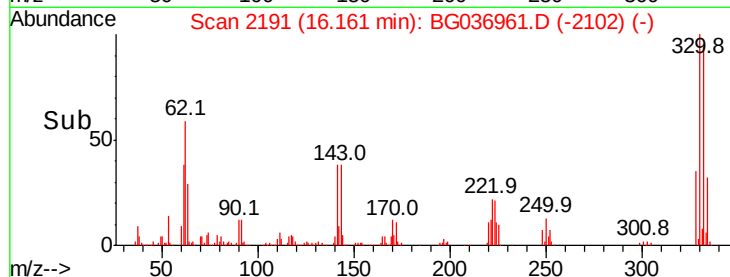
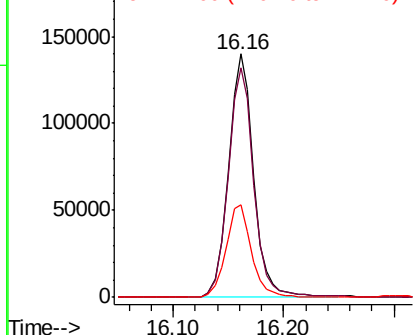
#41
 2,4,6-Tribromophenol
 Concen: 143.310 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	39.3	30.7	46.1

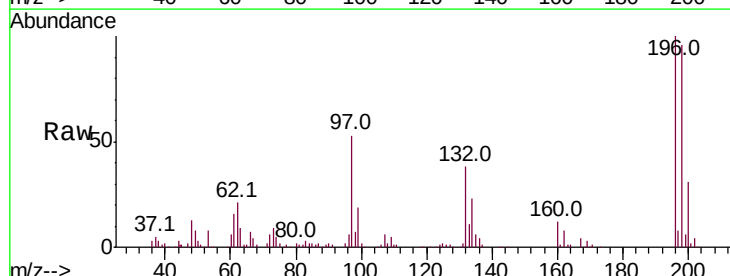


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

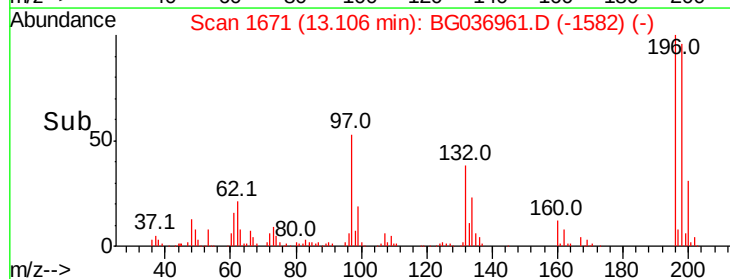
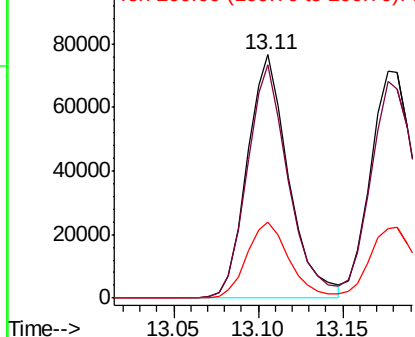


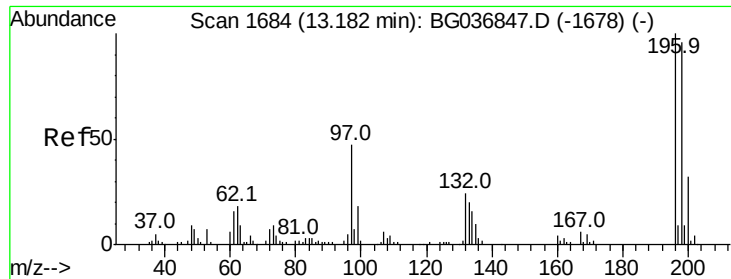
#42
 2,4,6-Trichlorophenol
 Concen: 51.883 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.2	115.8
200	31.3	26.3	39.5



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

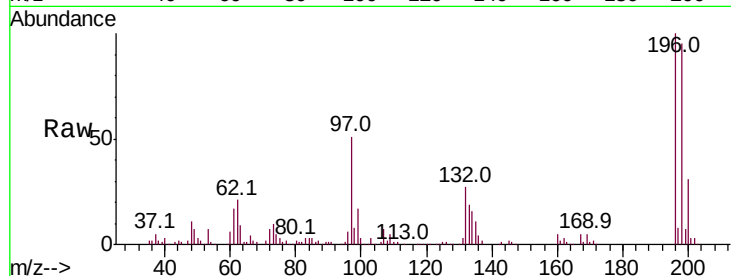




#43
 2,4,5-Trichlorophenol
 Concen: 53.562 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.6	113.4
97	50.6	37.2	55.8
132	27.0	19.4	29.2



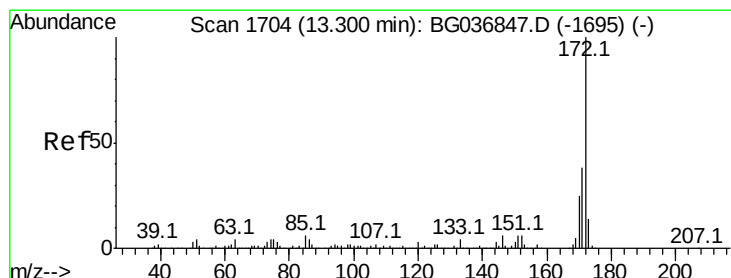
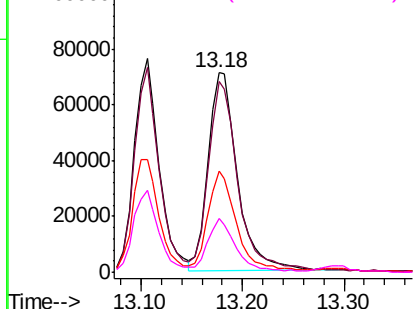
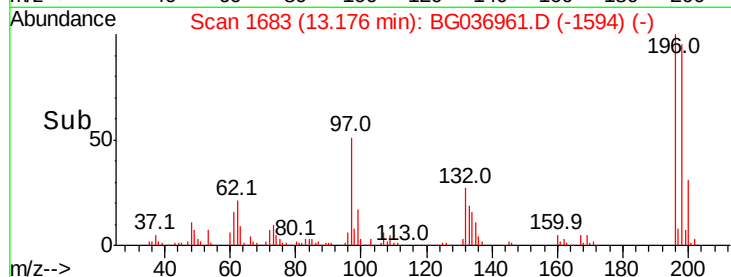
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

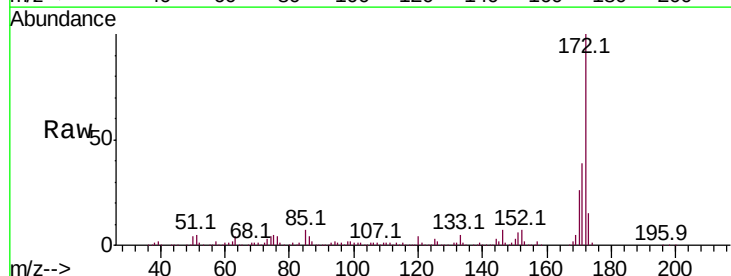
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.890 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.9	21.0	31.6

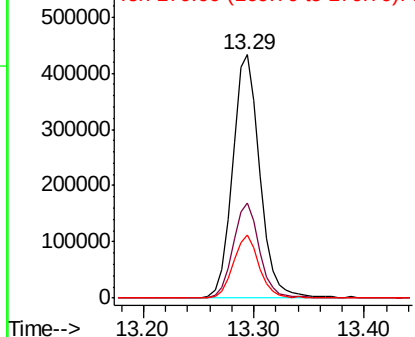
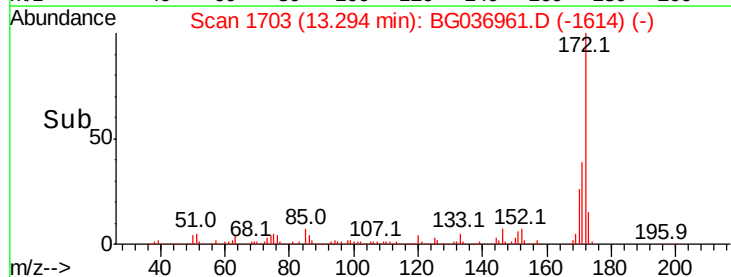


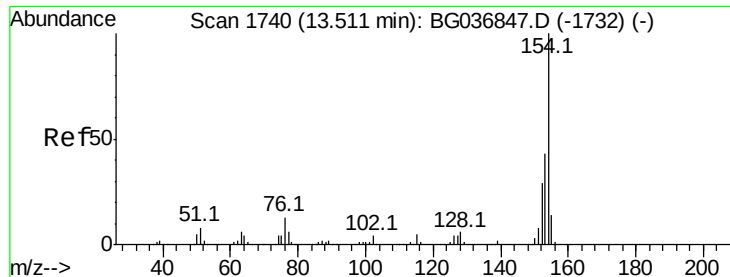
Abundance

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: 46.322 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

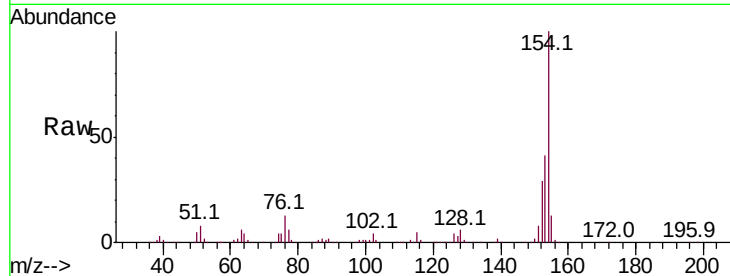
Tot Ion:154 Resp: 459725

Ion Ratio Lower Upper

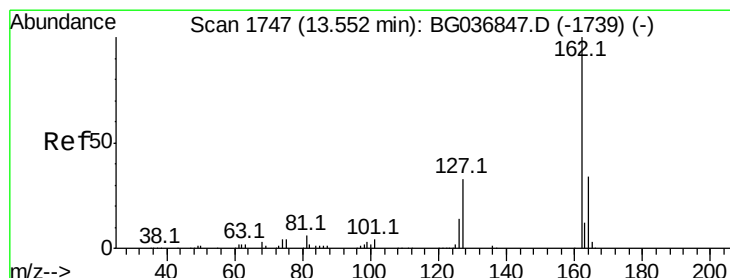
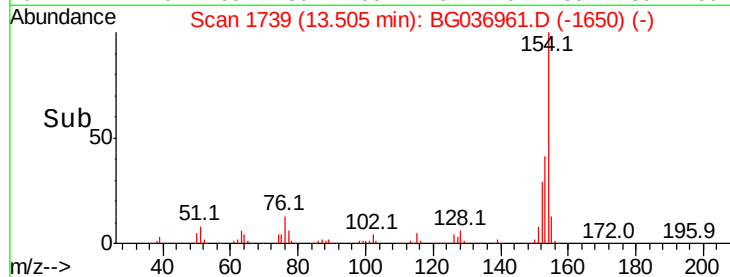
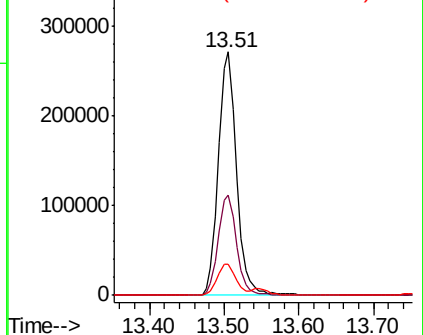
154 100

153 41.4 24.0 64.0

76 12.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.718 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

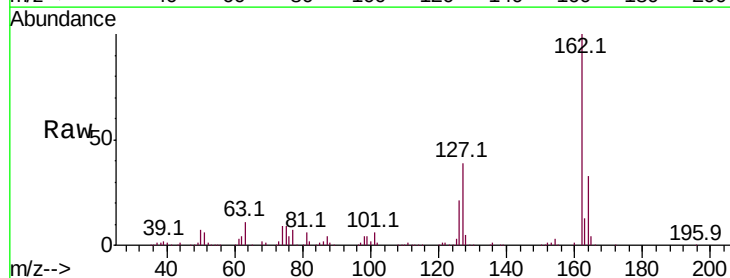
Tgt Ion:162 Resp: 341214

Ion Ratio Lower Upper

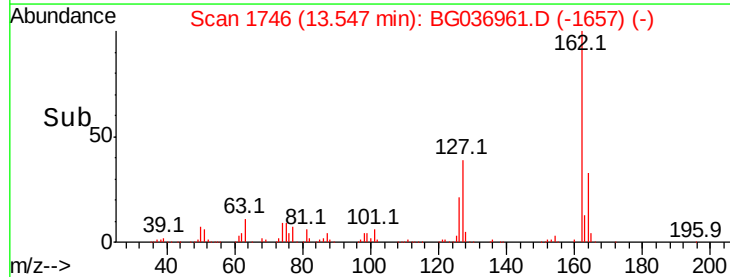
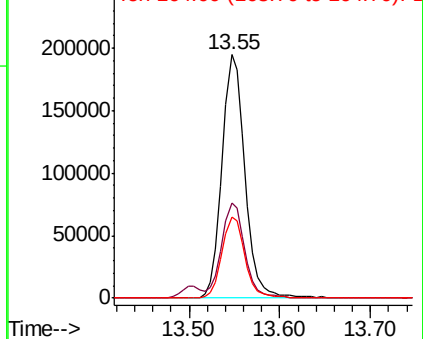
162 100

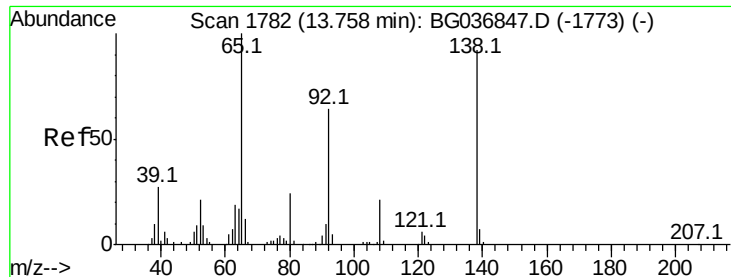
127 39.3 30.7 46.1

164 33.5 26.7 40.1



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





#47

2-Nitroaniline

Concen: 49.902 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

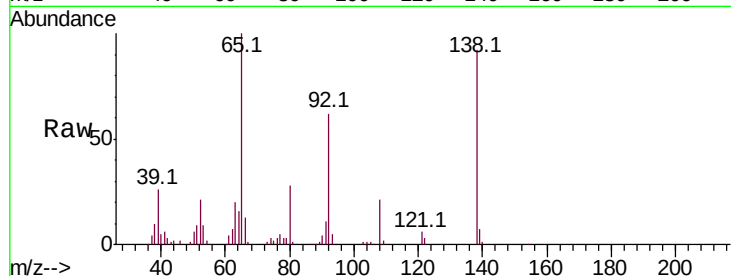
Tot Ion: 65 Resp: 134712

Ion Ratio Lower Upper

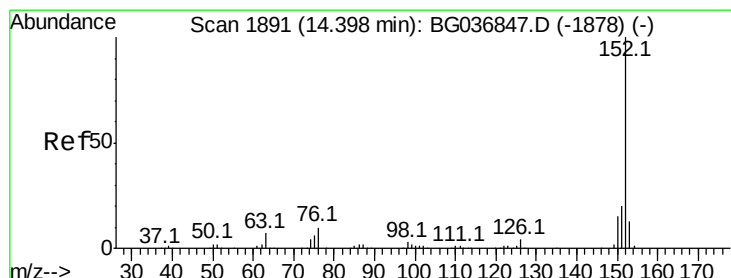
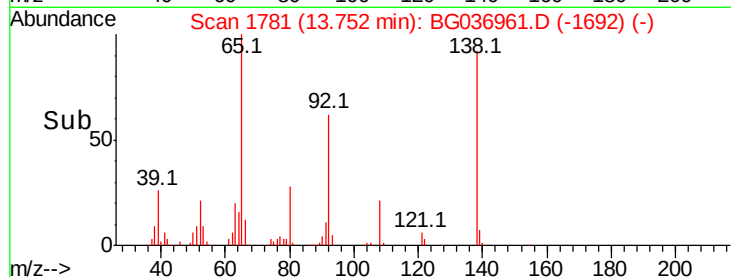
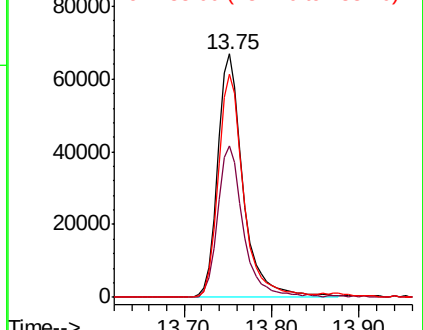
65 100

92 62.2 49.9 74.9

138 91.5 76.2 114.4



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



#48

Acenaphthylene

Concen: 48.905 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

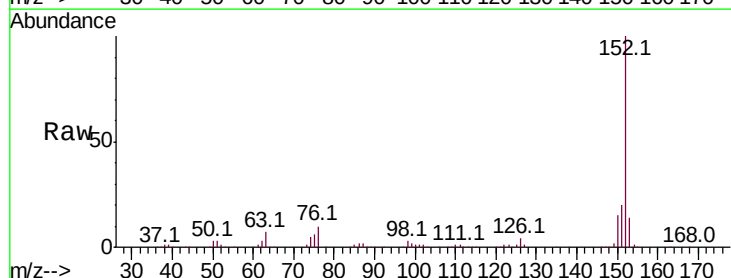
Tgt Ion: 152 Resp: 598119

Ion Ratio Lower Upper

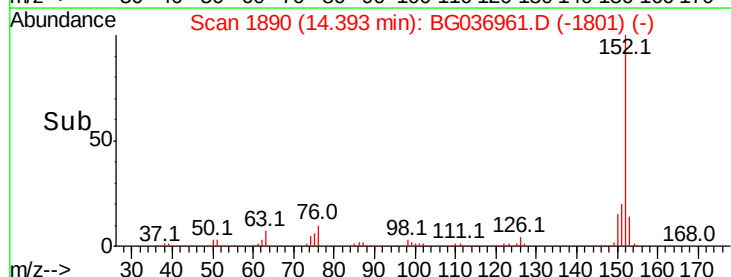
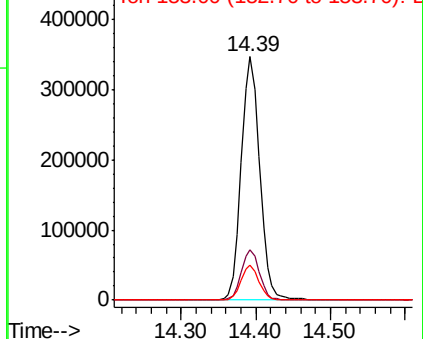
152 100

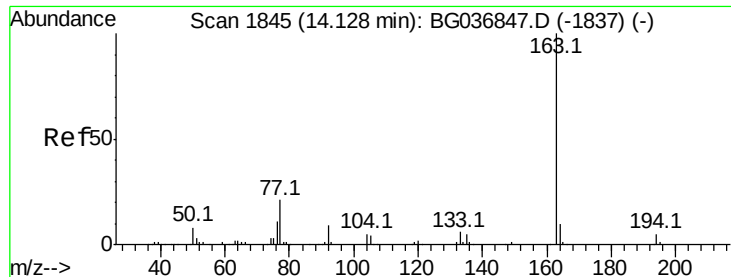
151 20.4 16.9 25.3

153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 45.983 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

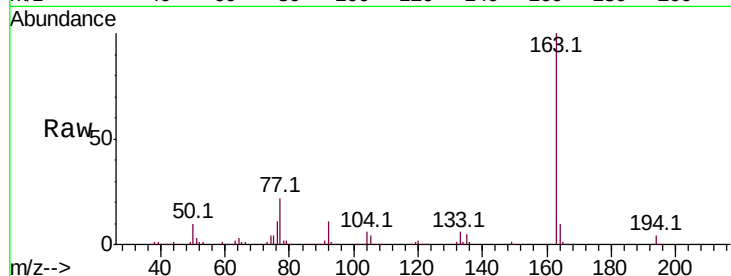
Tot Ion:163 Resp: 479641

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

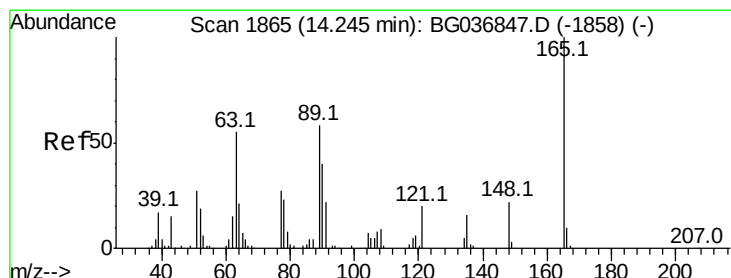
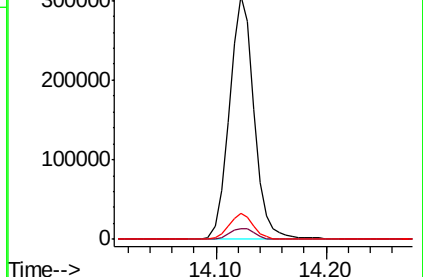
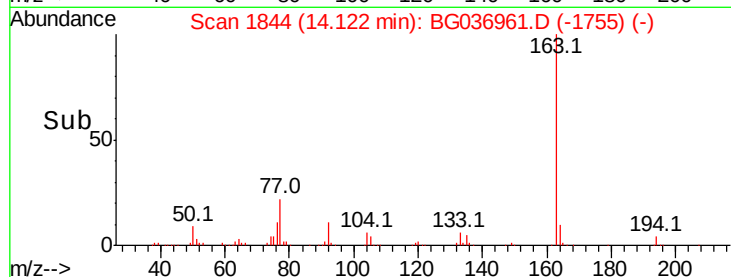
164 10.5 8.1 12.1



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: 46.441 ng

RT: 14.25 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

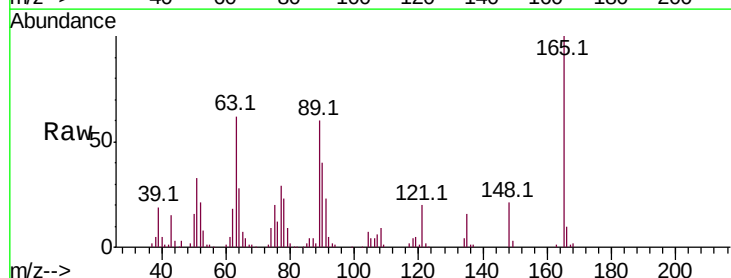
Tgt Ion:165 Resp: 105692

Ion Ratio Lower Upper

165 100

63 62.4 50.1 75.1

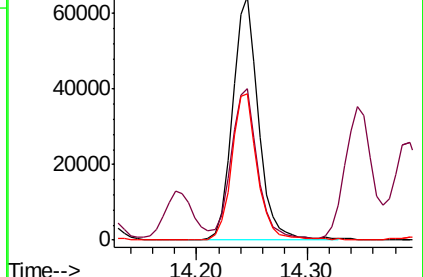
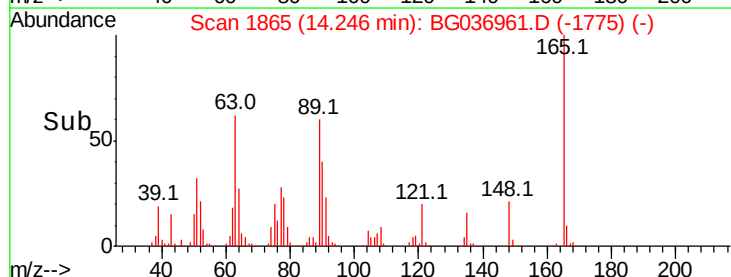
89 60.0 47.8 71.6

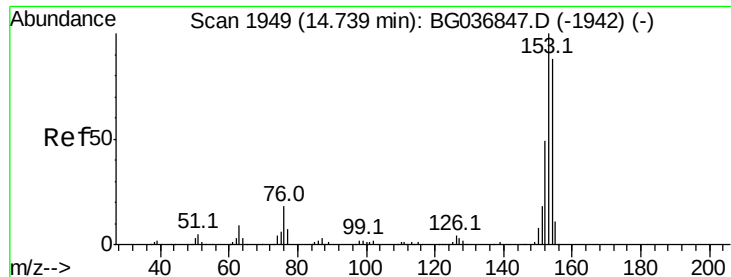


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.783 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

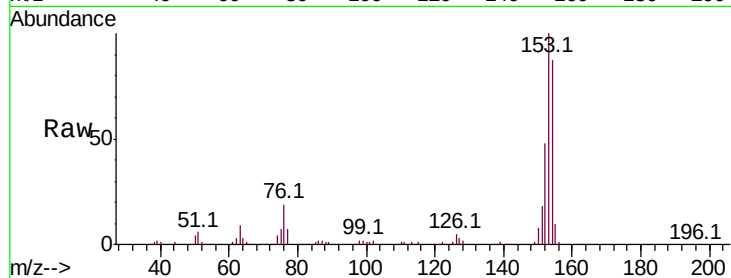
Tot Ion:154 Resp: 345803

Ion Ratio Lower Upper

154 100

153 115.6 91.8 137.6

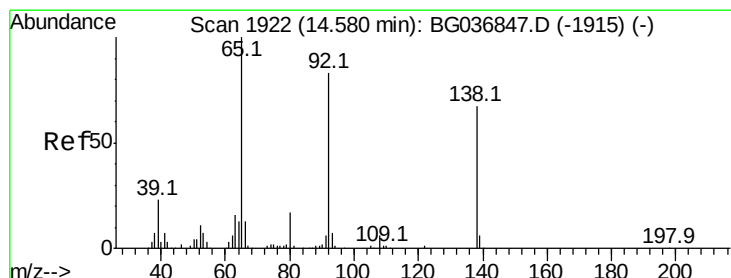
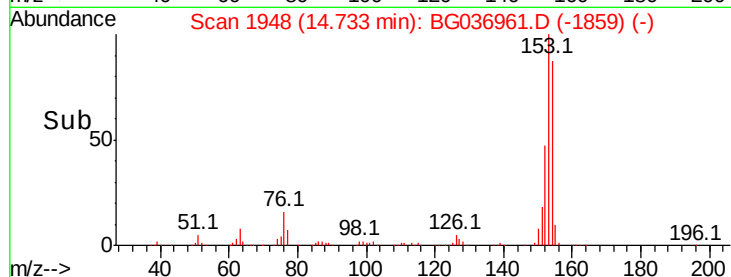
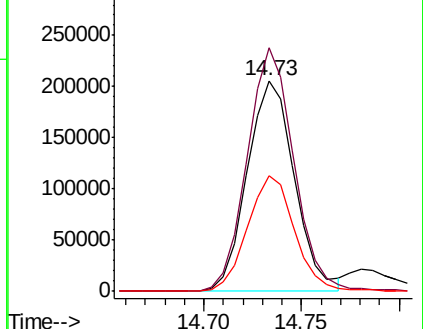
152 55.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.279 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

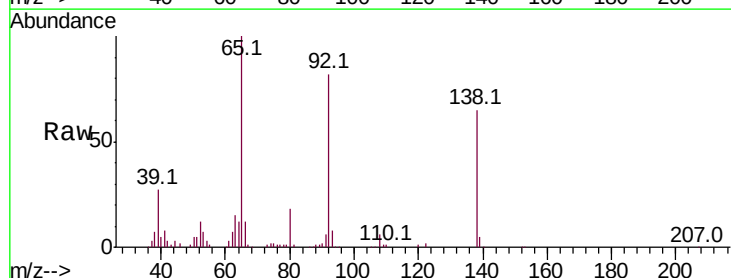
Tgt Ion:138 Resp: 72614

Ion Ratio Lower Upper

138 100

108 8.6 9.4 14.2#

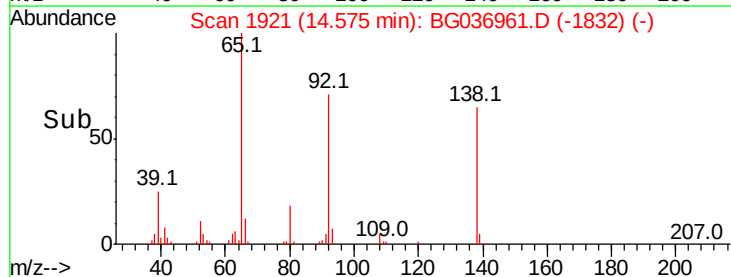
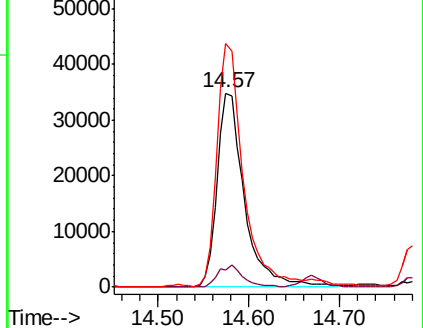
92 125.6 96.8 145.2

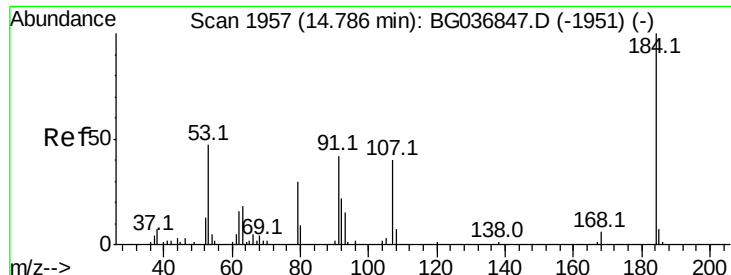


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

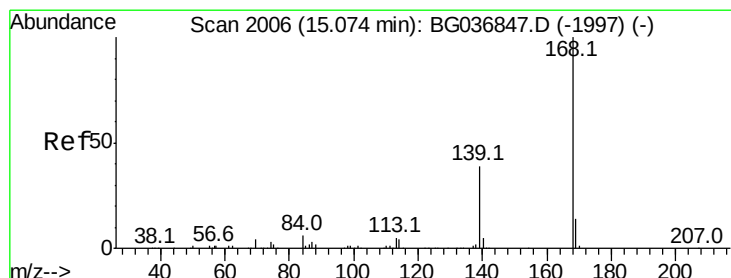
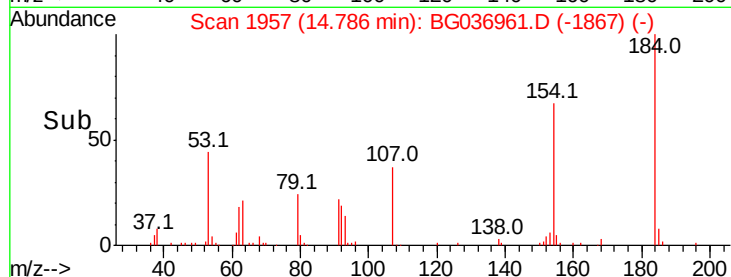
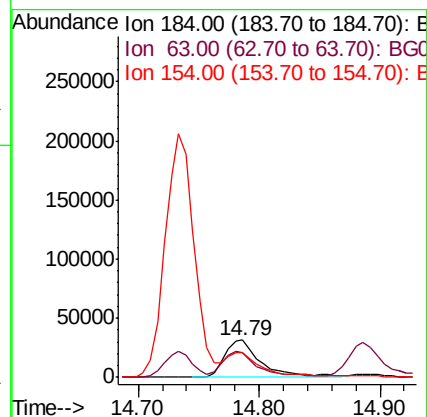
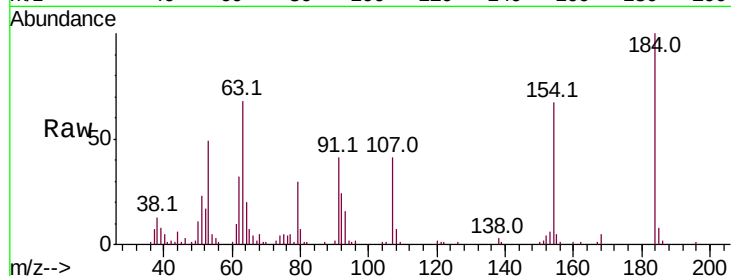




#53
 2,4-Dinitrophenol
 Concen: 63.547 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

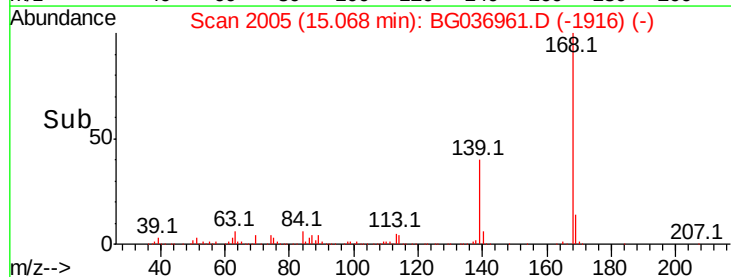
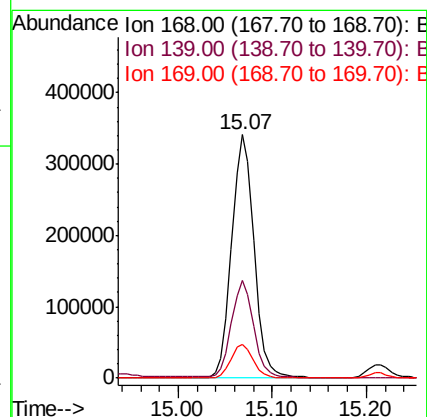
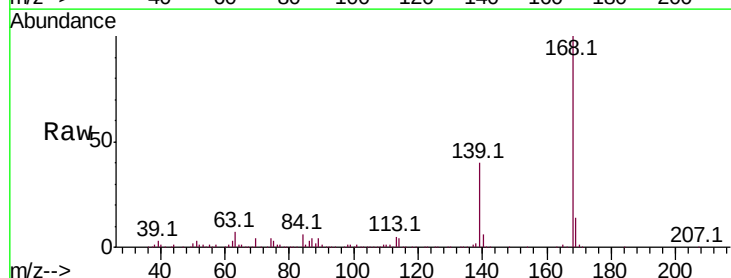
Instrument :
 BNA_F
 ClientSampleId :

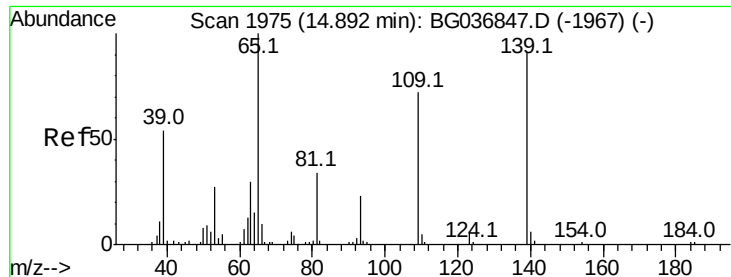
Tot Ion:184 Resp: 65922
 Ion Ratio Lower Upper
 184 100
 63 68.4 47.3 70.9
 154 67.1 51.1 76.7



#54
 Dibenzofuran
 Concen: 45.171 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:168 Resp: 564757
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.0 46.6
 169 13.7 11.1 16.7

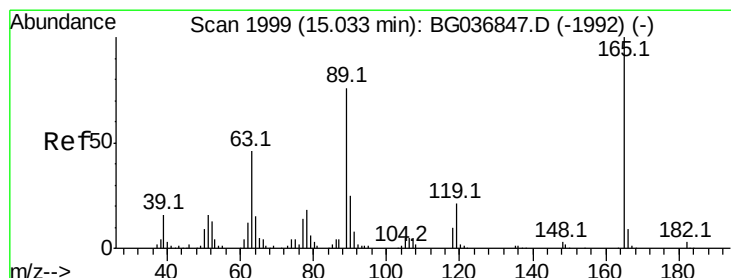
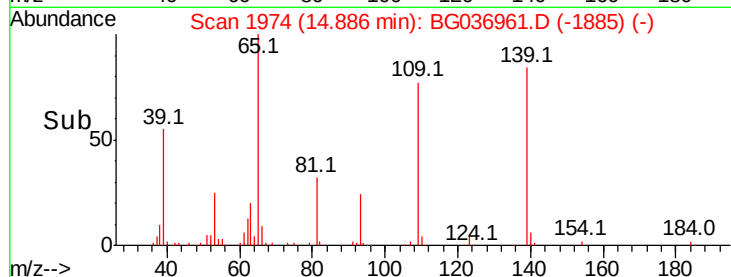
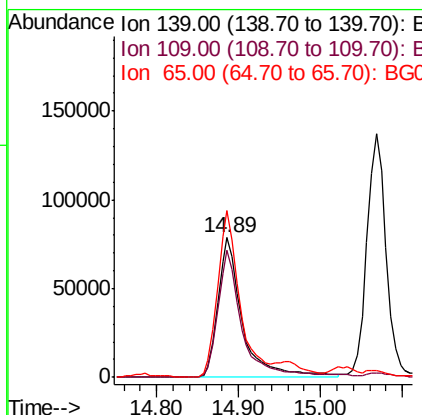
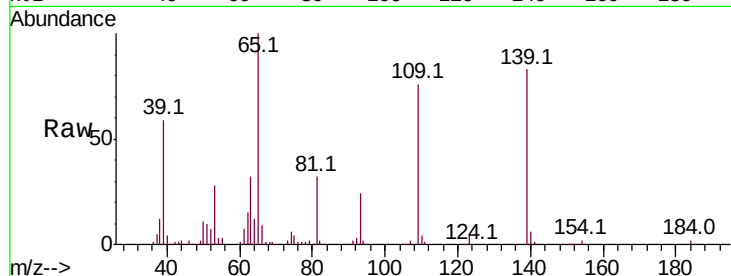




#55
4-Nitrophenol
Concen: 107.140 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

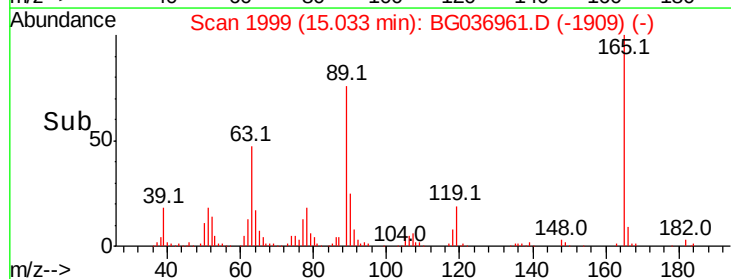
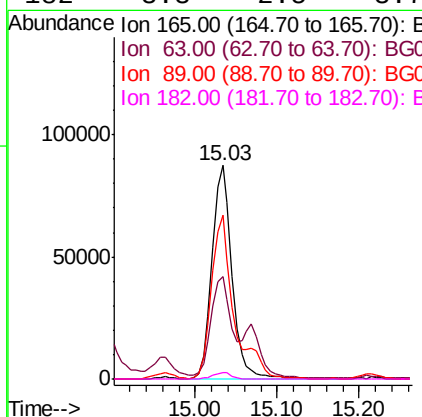
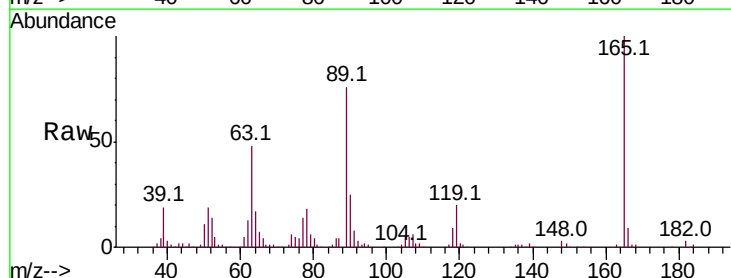
Instrument :
BNA_F
ClientSampleId :

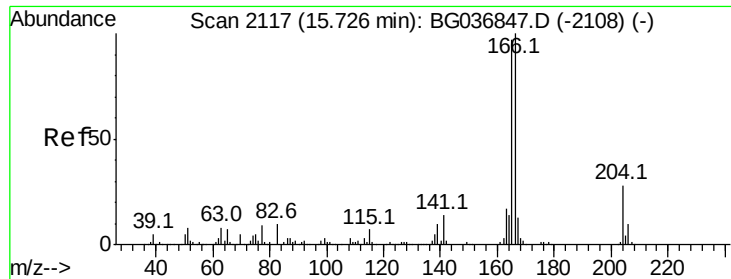
Tot Ion:139 Resp: 164143
Ion Ratio Lower Upper
139 100
109 91.3 63.9 103.9
65 119.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 47.103 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion:165 Resp: 149583
Ion Ratio Lower Upper
165 100
63 47.9 40.1 60.1
89 76.5 63.7 95.5
182 3.3 2.5 3.7

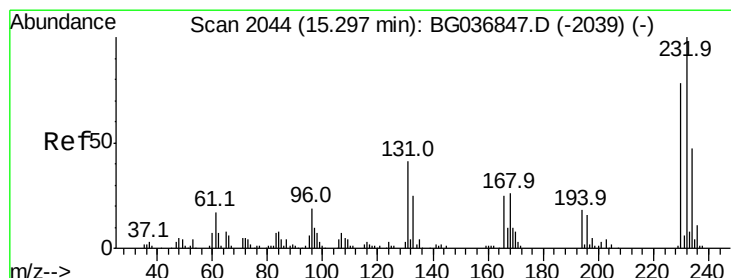
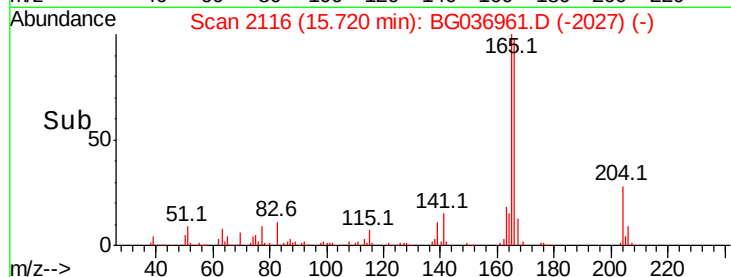
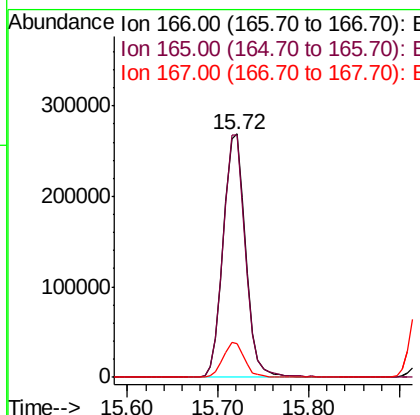
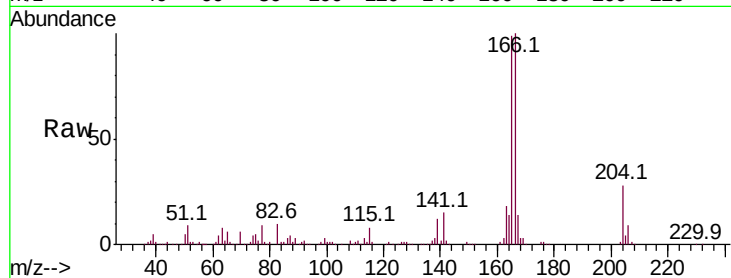




#57
 Fluorene
 Concen: 49.145 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

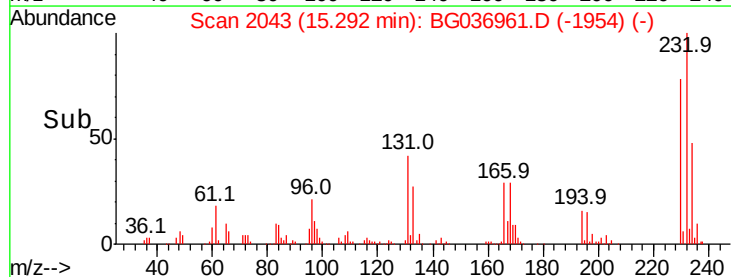
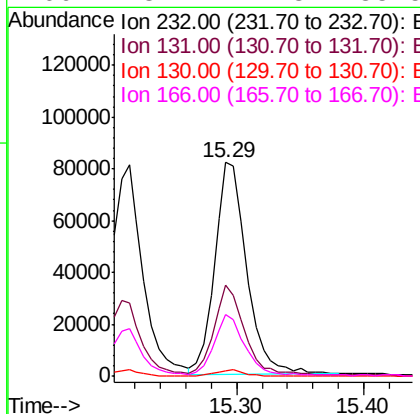
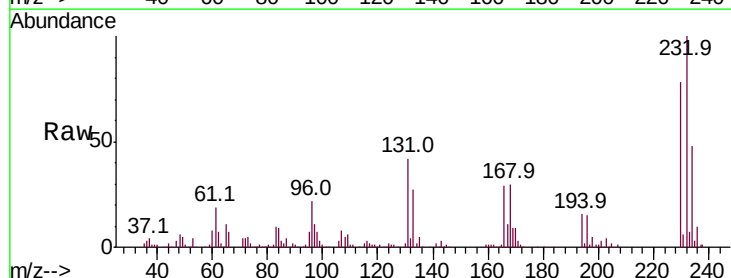
Instrument :
 BNA_F
 ClientSampleId :

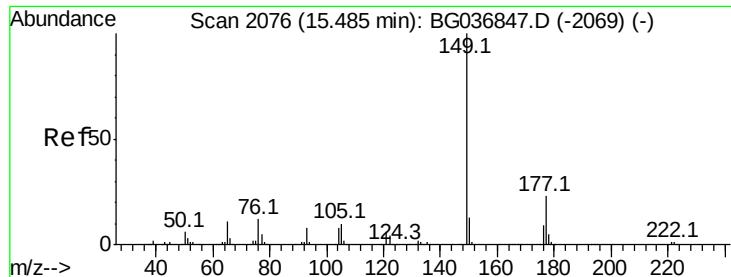
Tot Ion:166 Resp: 459253
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.0 115.4
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.898 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:232 Resp: 143614
 Ion Ratio Lower Upper
 232 100
 131 40.7 33.8 50.8
 130 2.6 2.1 3.1
 166 28.2 22.3 33.5

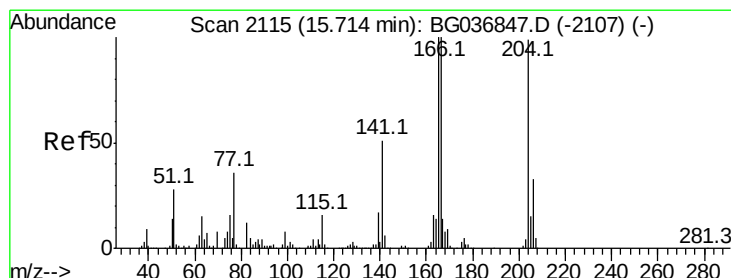
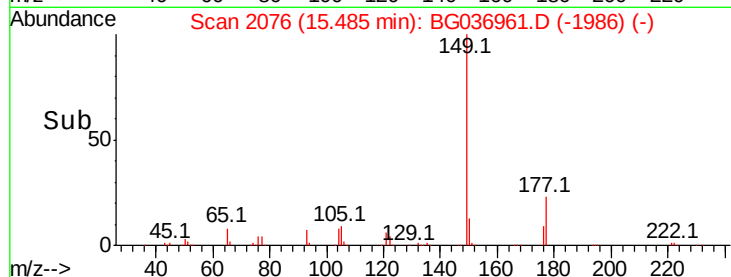
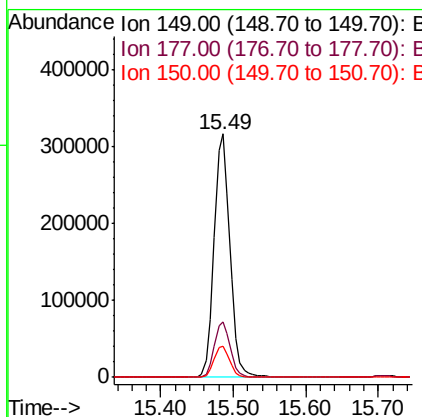
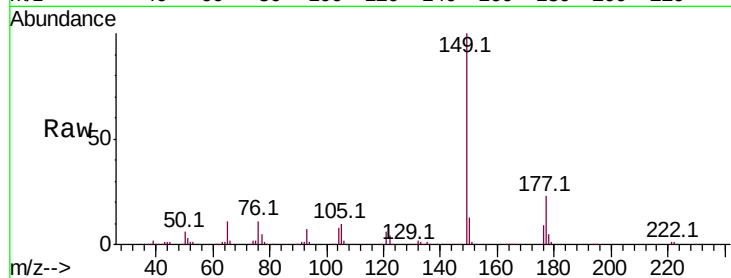




#59
Diethylphthalate
Concen: 45.588 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

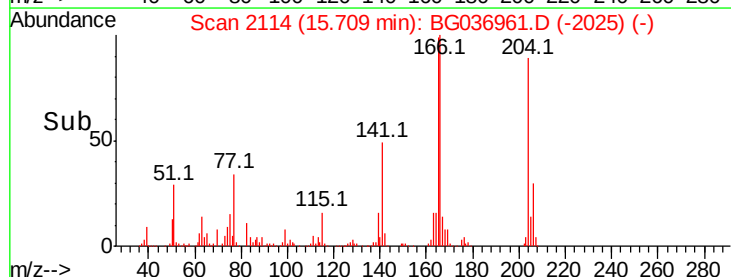
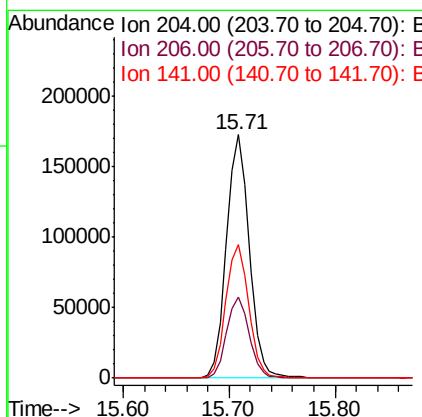
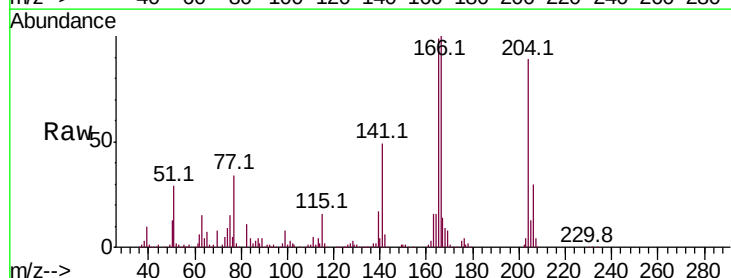
Instrument :
BNA_F
ClientSampled :

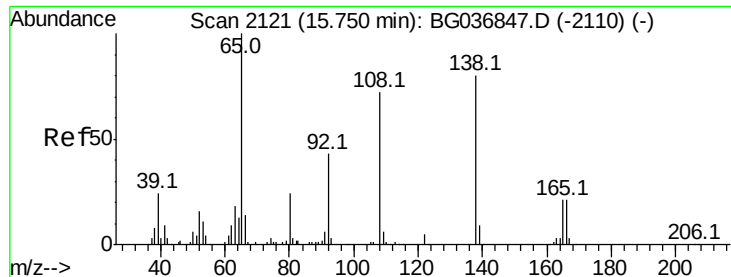
Tot Ion:149 Resp: 479609
Ion Ratio Lower Upper
149 100
177 22.7 19.1 28.7
150 13.0 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 43.643 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion:204 Resp: 258285
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 54.8 43.8 65.6

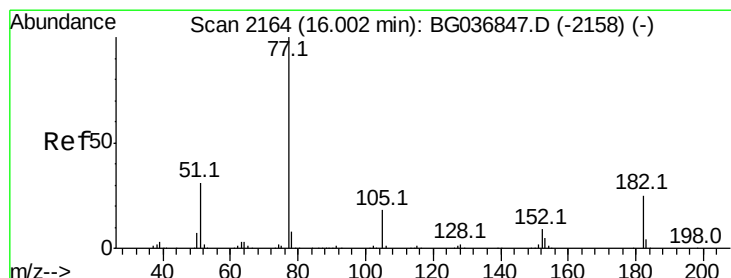
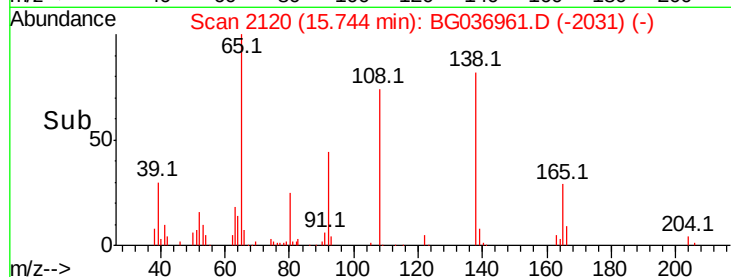
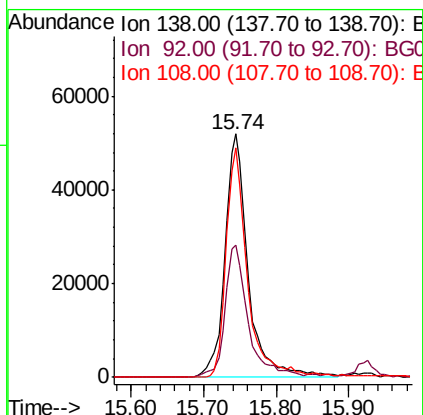
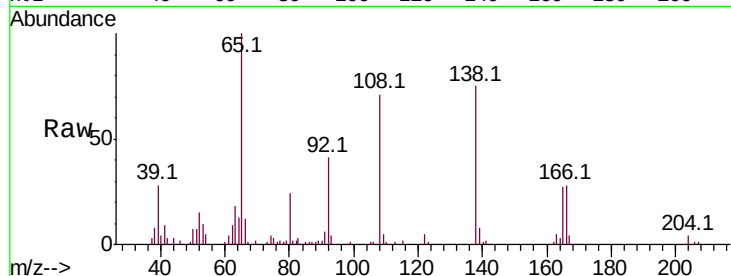




#61
4-Nitroaniline
Concen: 45.678 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

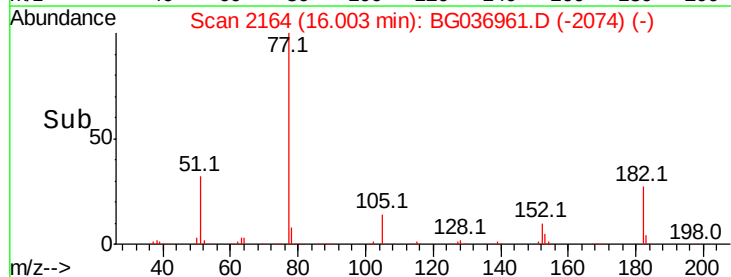
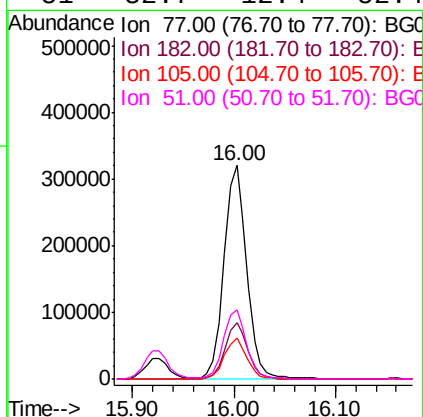
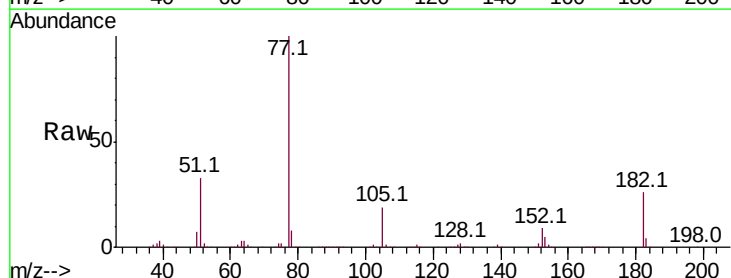
Instrument :
BNA_F
ClientSampleId :

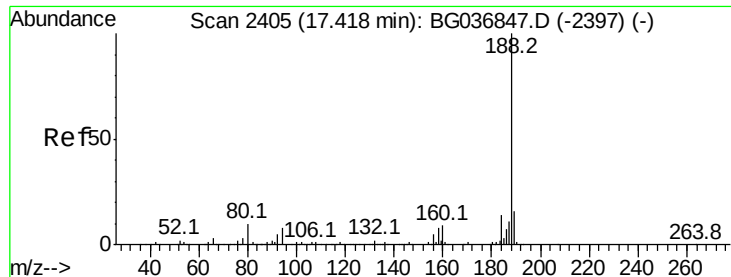
Tot Ion:138 Resp: 115226
Ion Ratio Lower Upper
138 100
92 54.1 38.5 78.5
108 94.2 70.3 110.3



#62
Azobenzene
Concen: 48.849 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion: 77 Resp: 493804
Ion Ratio Lower Upper
77 100
182 26.3 6.7 46.7
105 19.3 0.0 39.8
51 32.7 12.4 52.4

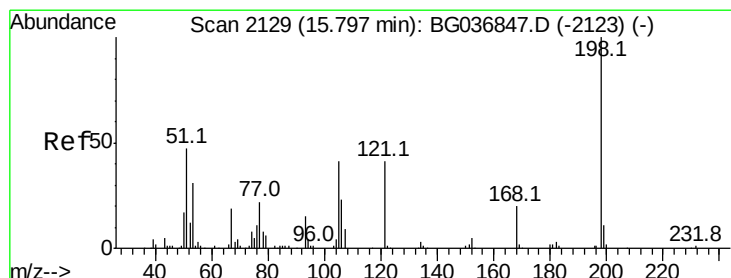
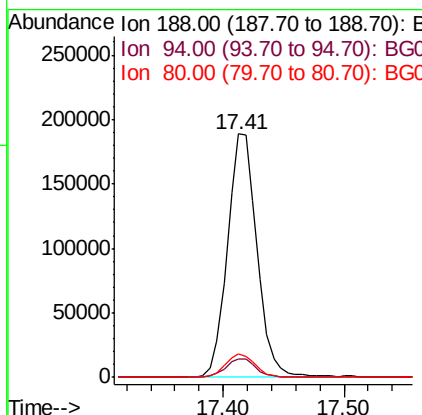
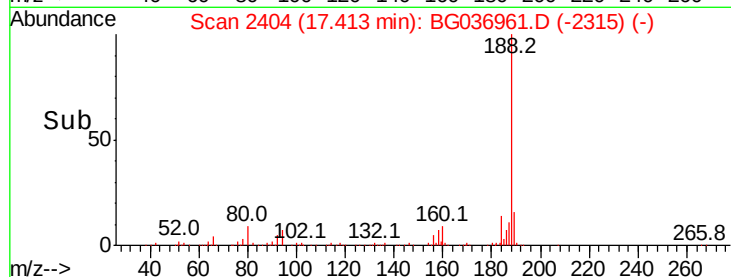
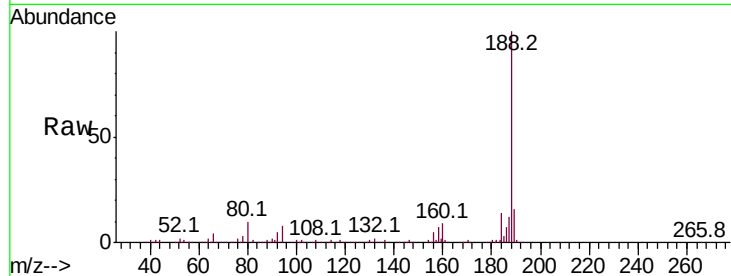




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

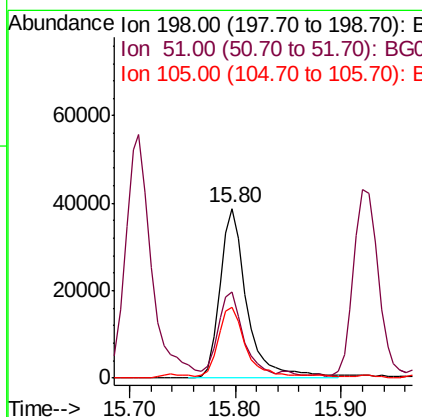
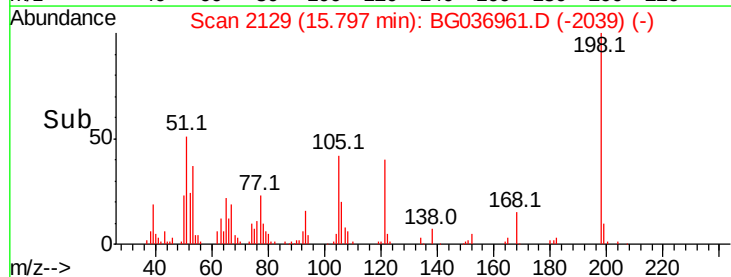
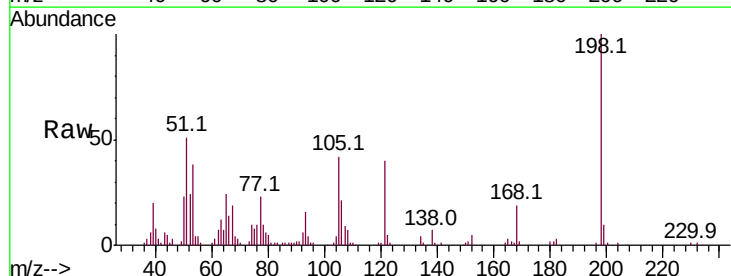
Instrument :
 BNA_F
 ClientSampled :

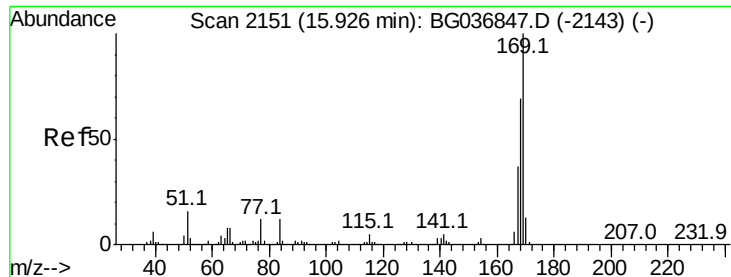
Tot Ion:188 Resp: 321305
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 9.6 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.093 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:198 Resp: 69029
 Ion Ratio Lower Upper
 198 100
 51 51.1 26.5 66.5
 105 41.9 20.2 60.2

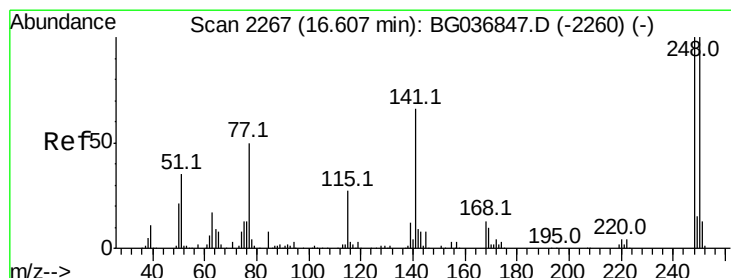
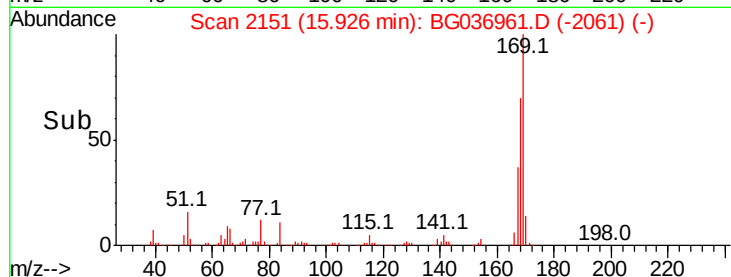
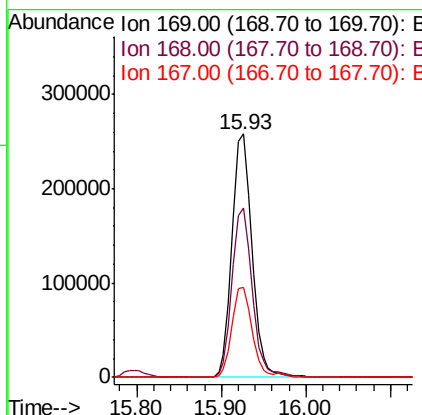
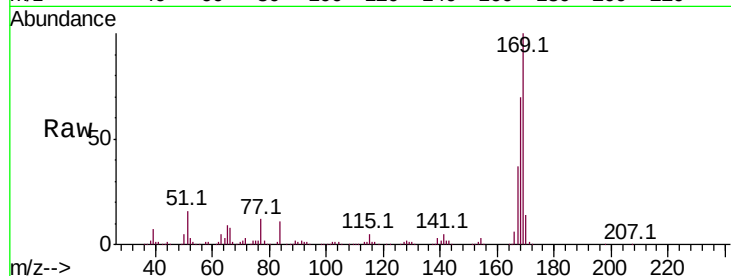




#65
 n-Nitrosodiphenylamine
 Concen: 47.412 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

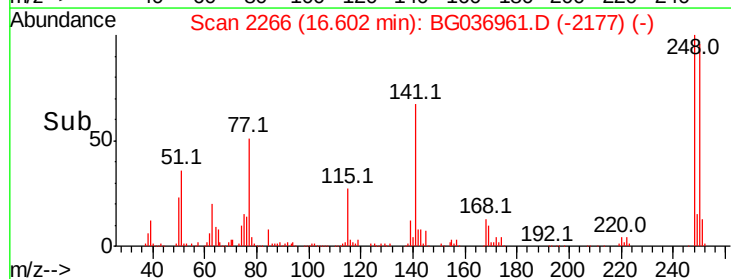
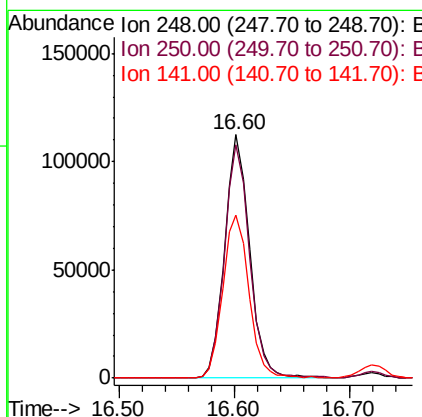
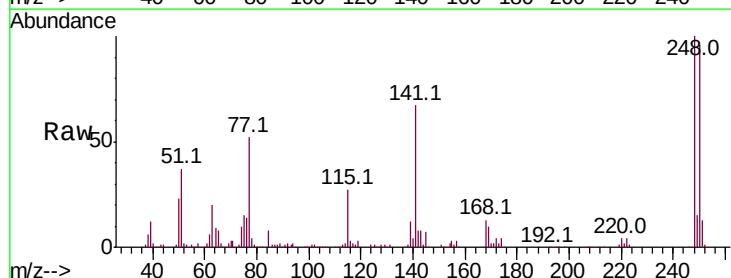
Instrument :
 BNA_F
 ClientSampleId :

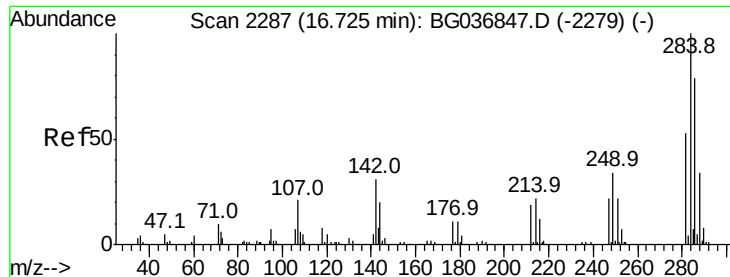
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.7	57.6	86.4
167	37.2	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 46.185 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.1	117.1
141	66.8	53.7	80.5

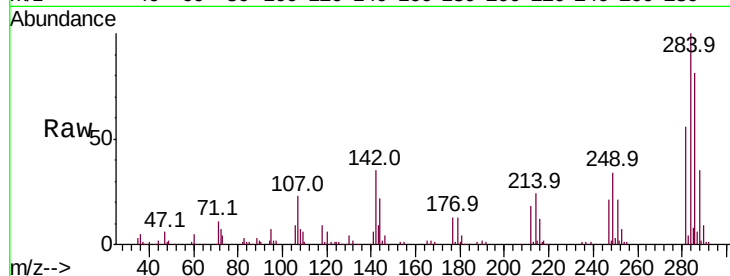




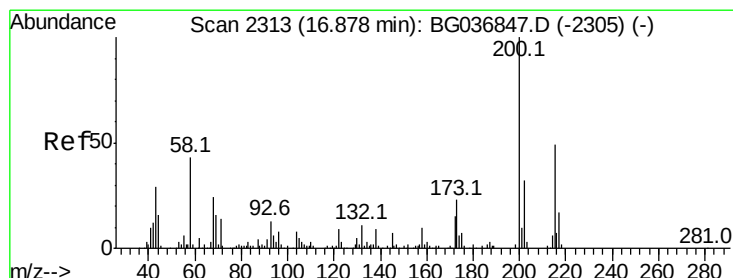
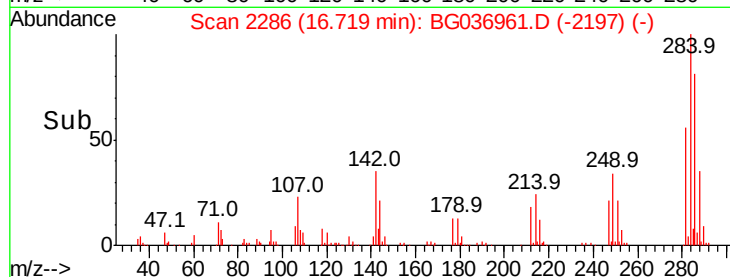
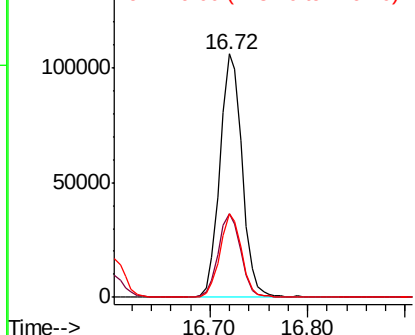
#67
Hexachlorobenzene
Concen: 44.621 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.8	41.6
249	34.1	27.4	41.2

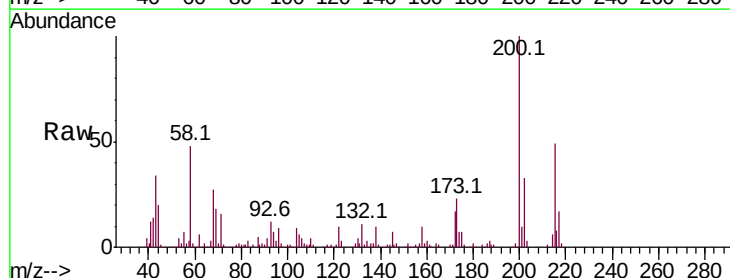


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

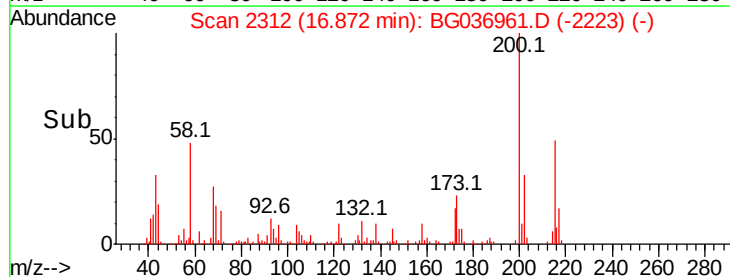
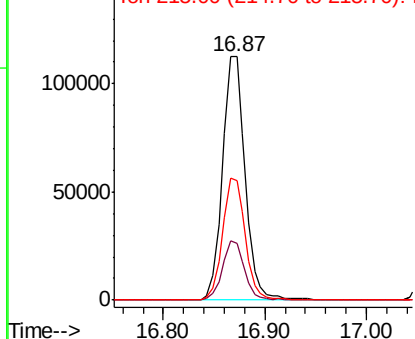


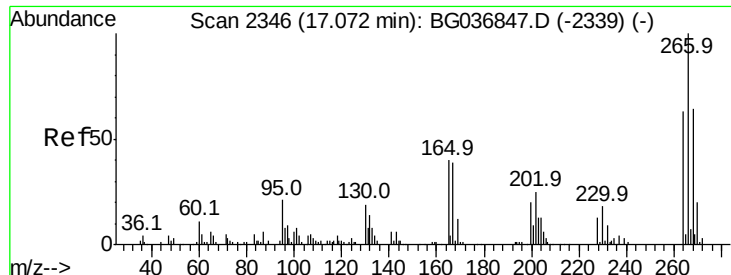
#68
Atrazine
Concen: 48.468 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	3.9	43.9
215	49.3	30.4	70.4



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

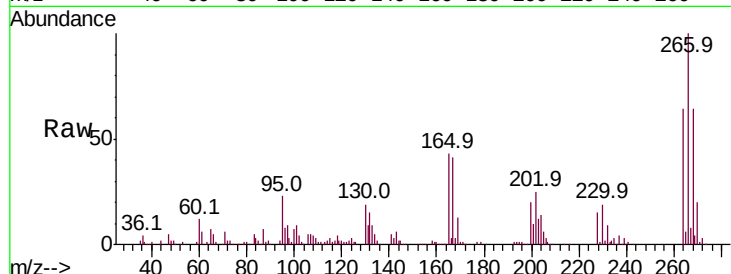




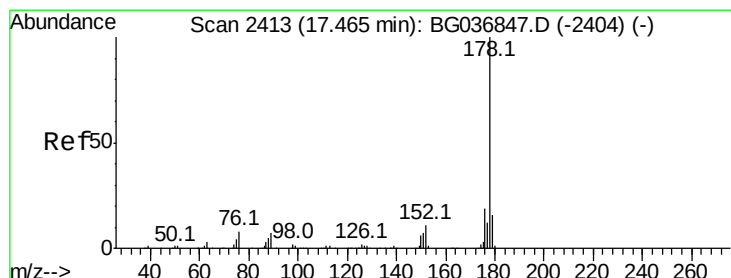
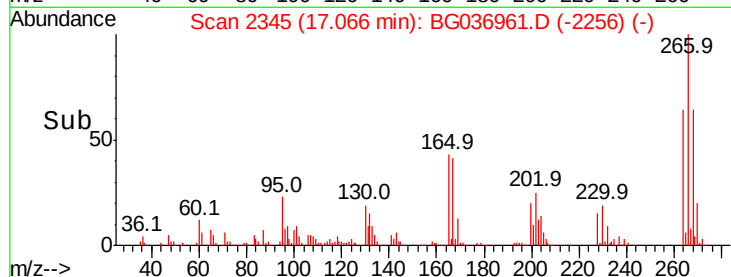
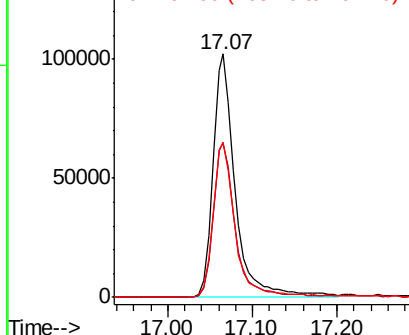
#69
 Pentachlorophenol
 Concen: 80.076 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	64.0	48.9	73.3

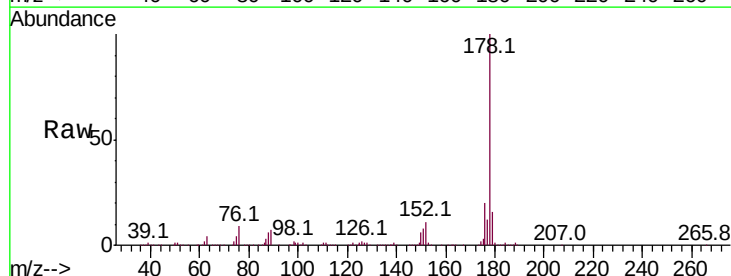


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

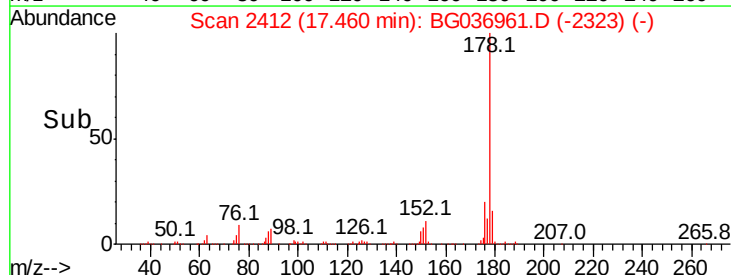
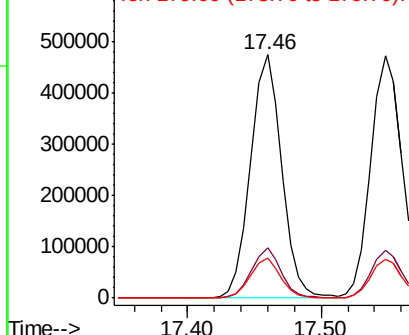


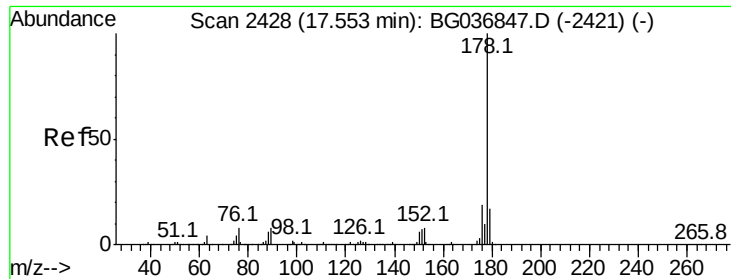
#70
 Phenanthrene
 Concen: 49.431 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.4	13.4	20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

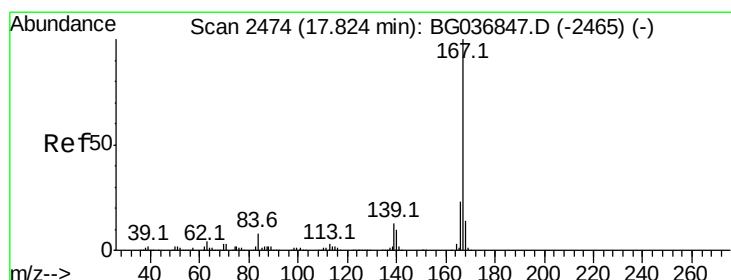
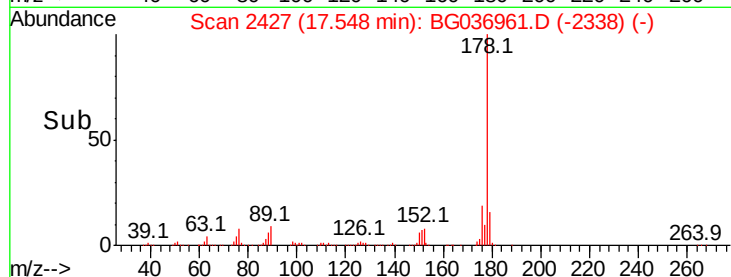
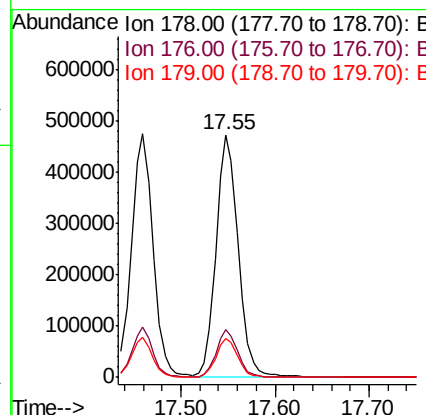
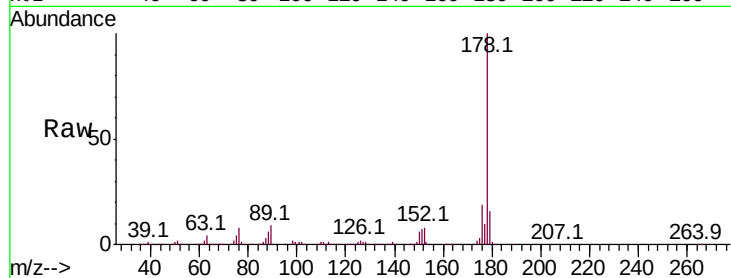




#71
 Anthracene
 Concen: 51.102 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

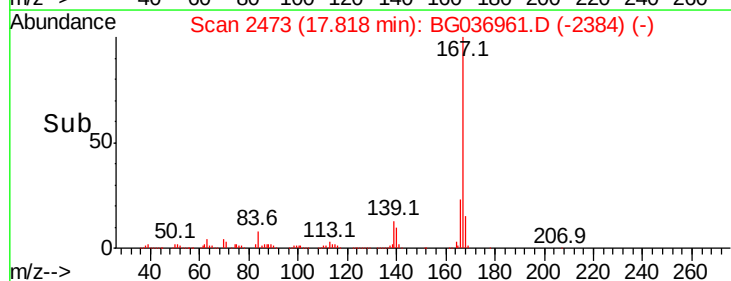
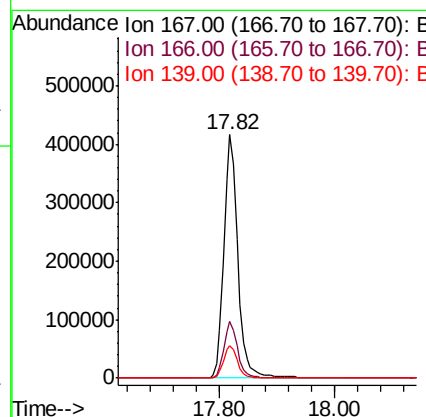
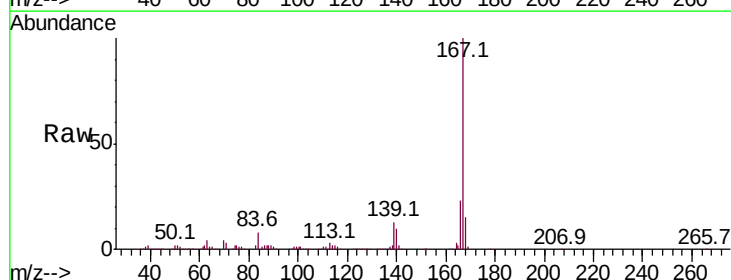
Instrument :
 BNA_F
 ClientSampleId :

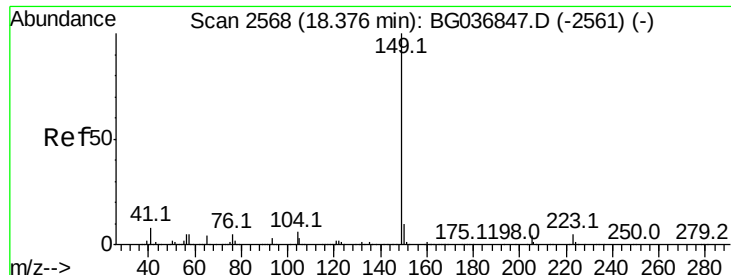
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.0	13.0	19.4



#72
 Carbazole
 Concen: 46.700 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.5	29.3
139	13.1	10.7	16.1





#73

Di-n-butylphthalate

Concen: 48.445 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

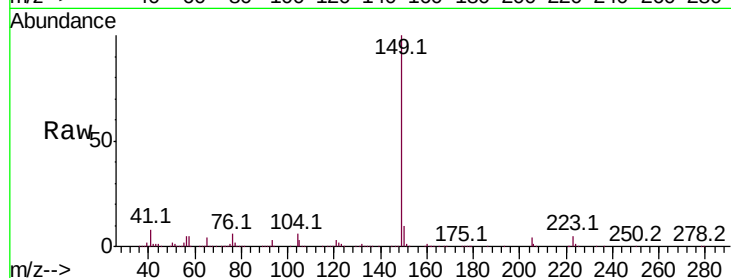
Tot Ion:149 Resp: 803096

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

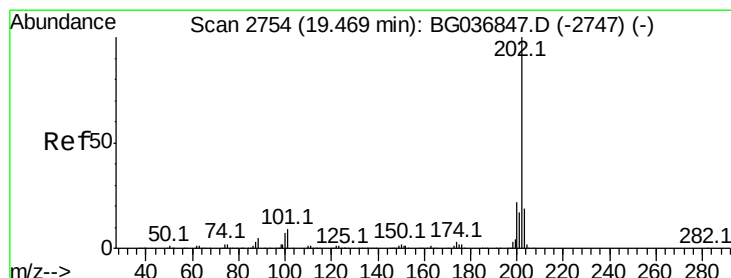
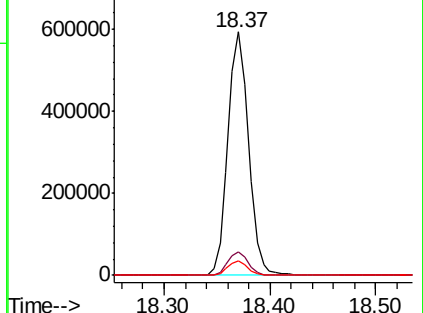
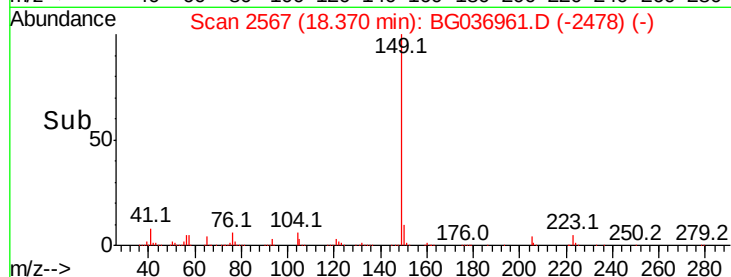
104 6.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.617 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

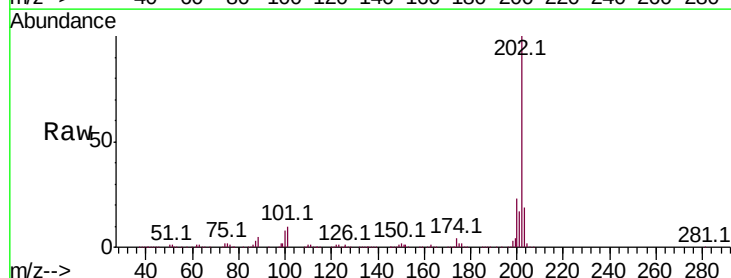
Tgt Ion:202 Resp: 943388

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.4

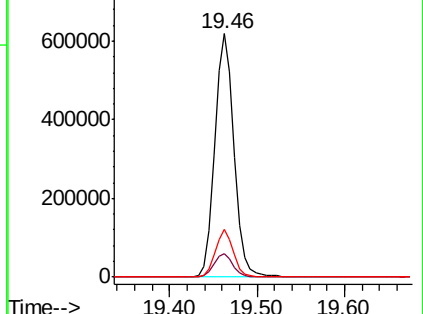
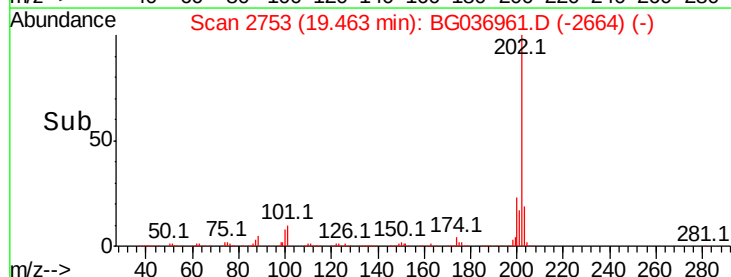
203 19.4 0.0 38.9

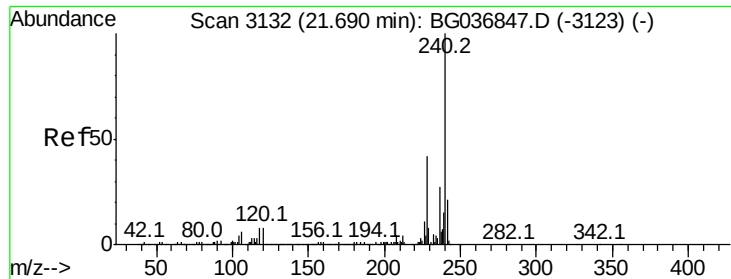


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampled :

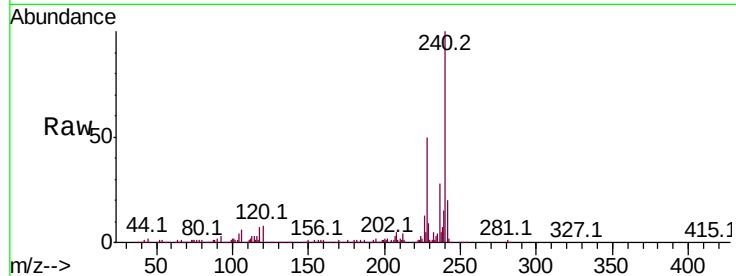
Tot Ion:240 Resp: 331120

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

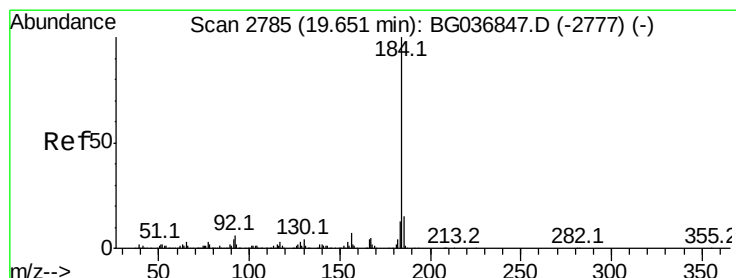
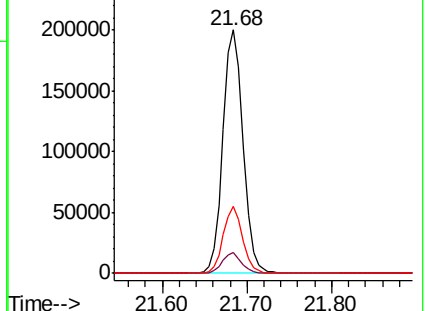
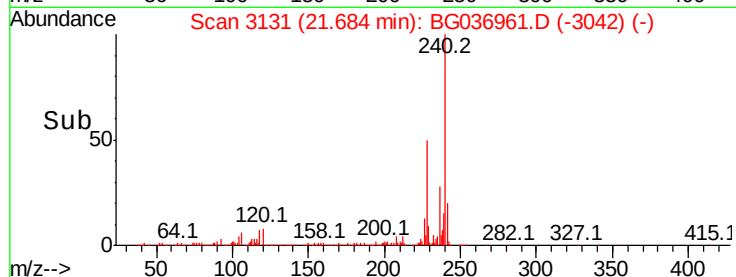
236 27.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.769 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

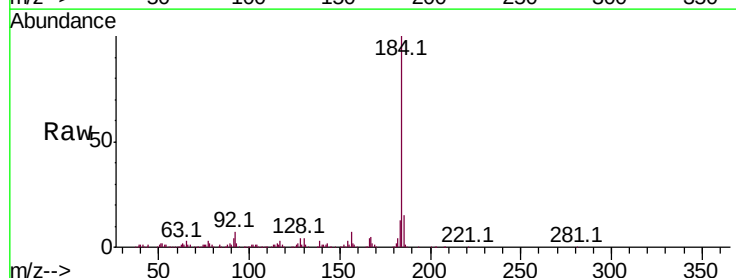
Tgt Ion:184 Resp: 418090

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

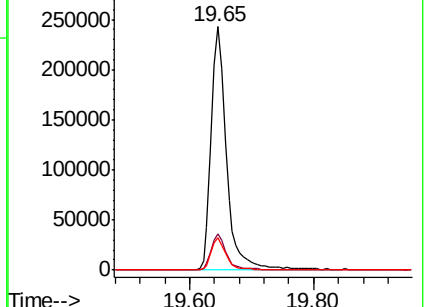
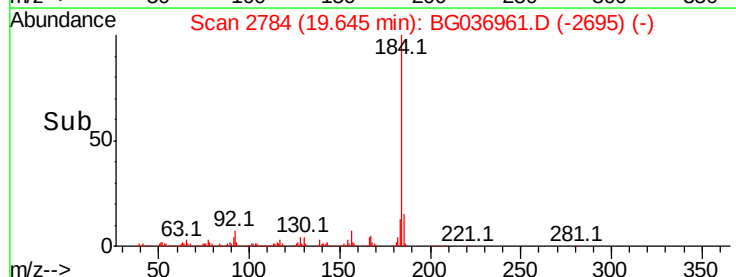
183 13.1 10.9 16.3

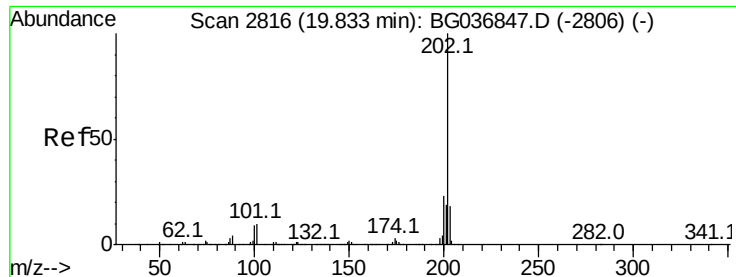


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.632 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

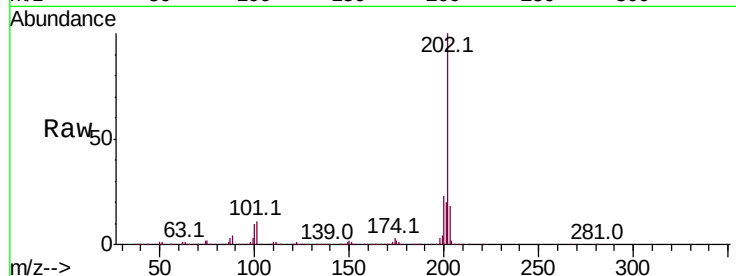
Tot Ion:202 Resp: 926567

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.5	15.1	22.7

202 100

200 23.0 18.3 27.5

203 18.5 15.1 22.7

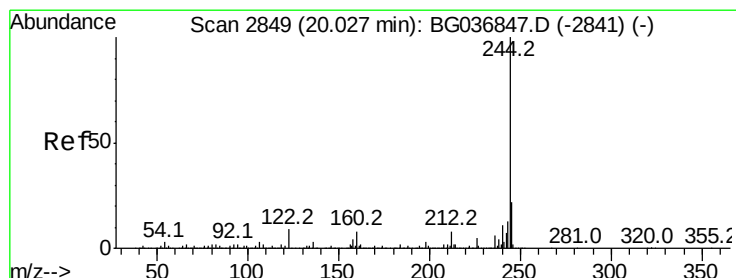
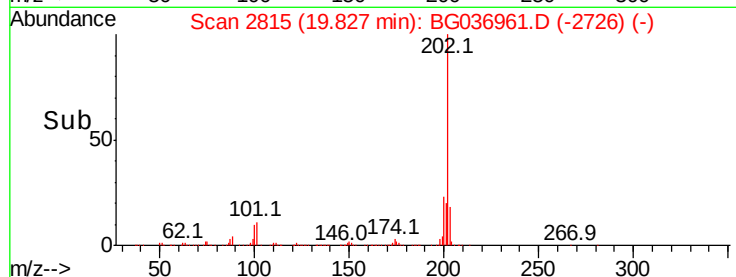
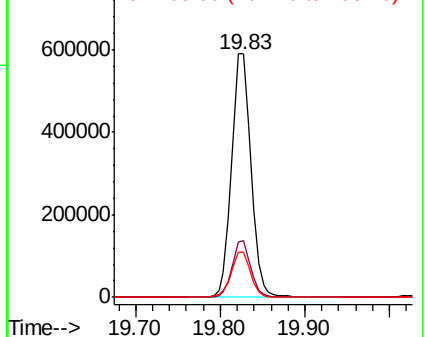


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.972 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

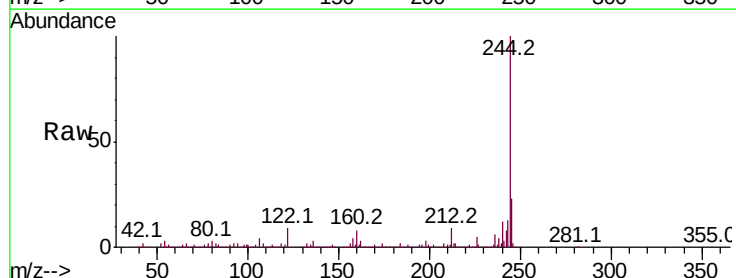
Tgt Ion:244 Resp: 1258908

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7

244 100

212 9.1 7.0 10.6

122 9.3 7.1 10.7

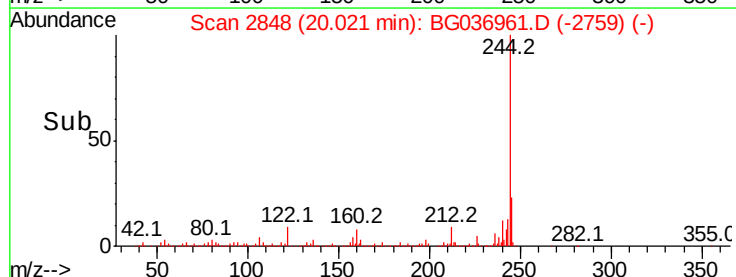
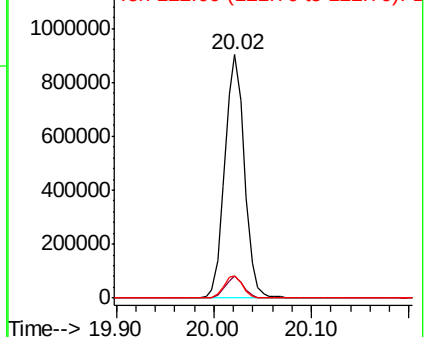


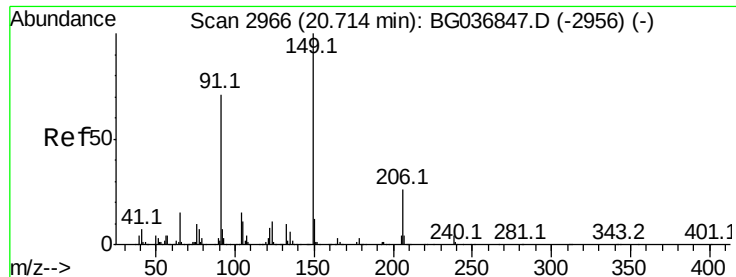
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

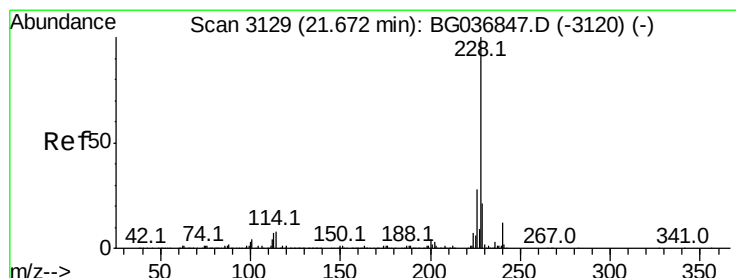
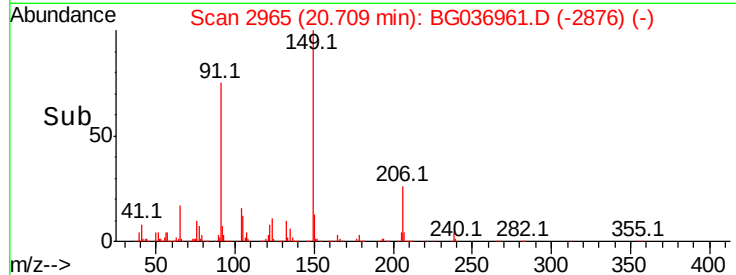
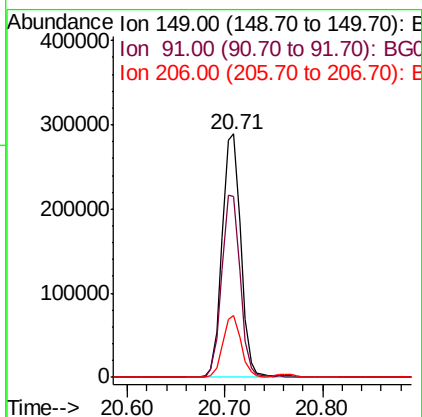
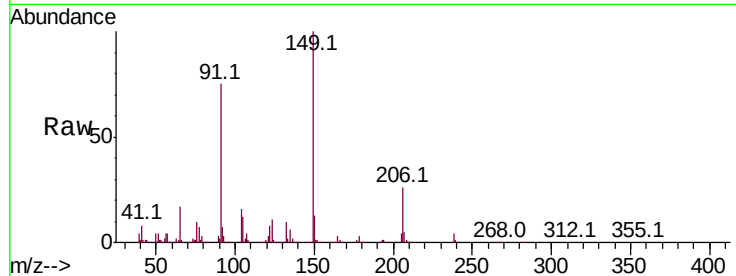




#79
Butylbenzylphthalate
Concen: 48.601 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

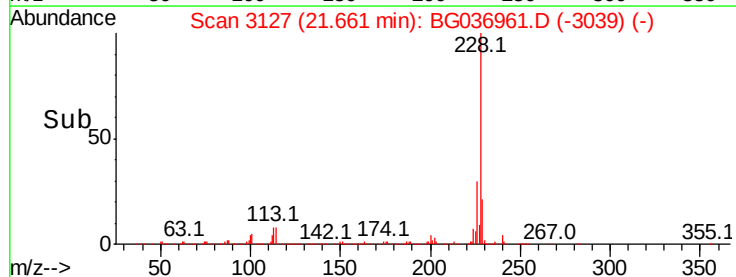
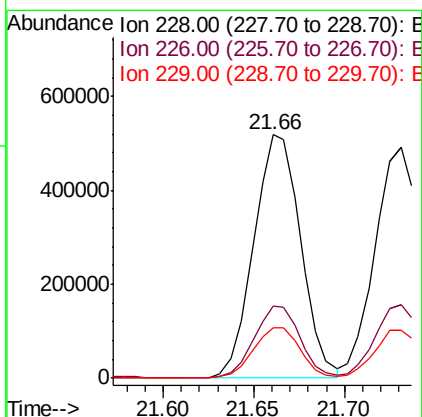
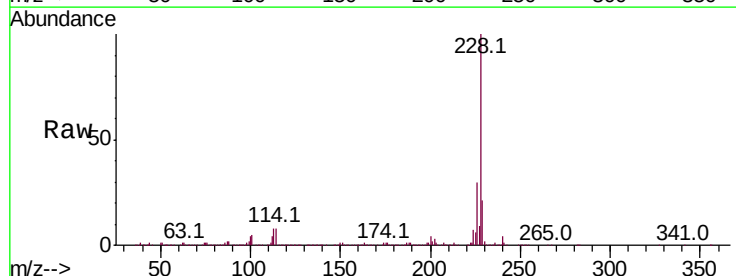
Instrument :
BNA_F
ClientSampleId :

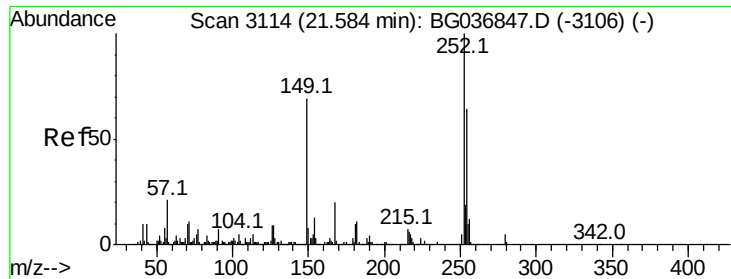
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	62.0	93.0
206	25.6	19.6	29.4



#80
Benzo(a)anthracene
Concen: 48.218 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036961.D
Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.8	17.1	25.7

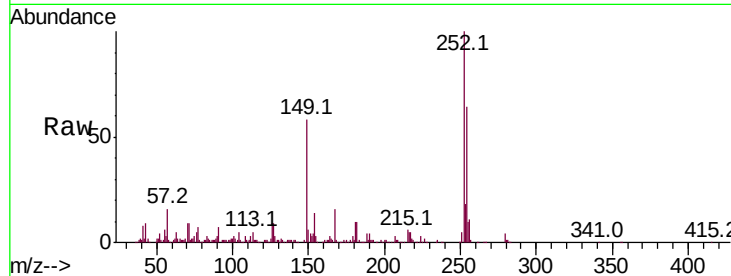




#81
 3,3'-Dichlorobenzidine
 Concen: 32.656 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.4
126	9.1	7.4	11.0

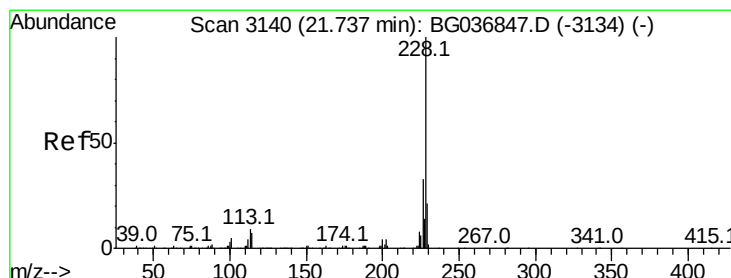
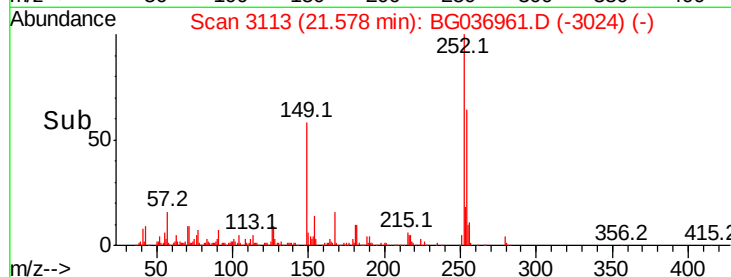
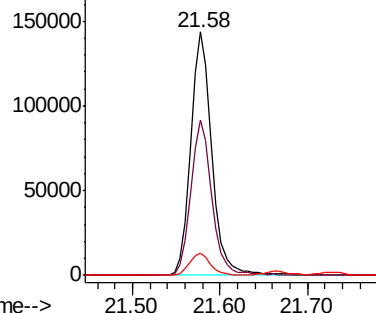


Abundance

Ion 252.00 (251.70 to 252.70): E

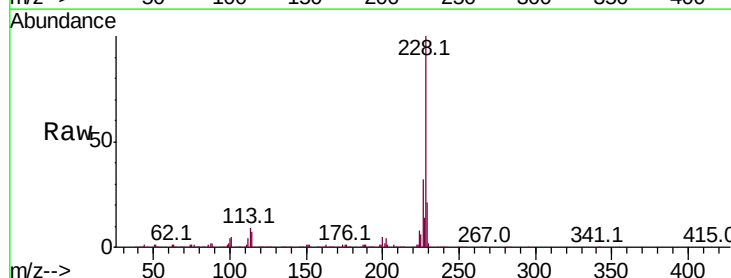
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 47.128 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.7	16.9	25.3

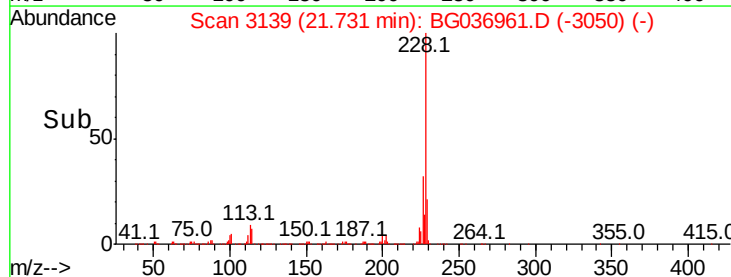
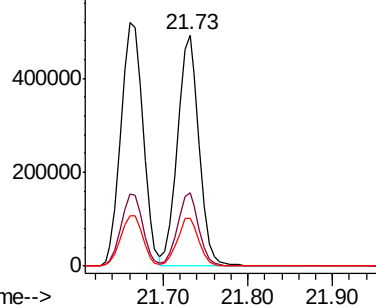


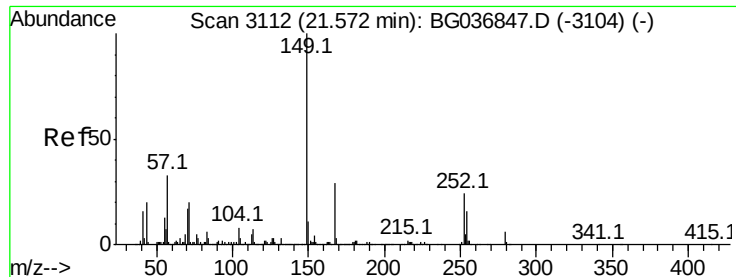
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.698 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampled :

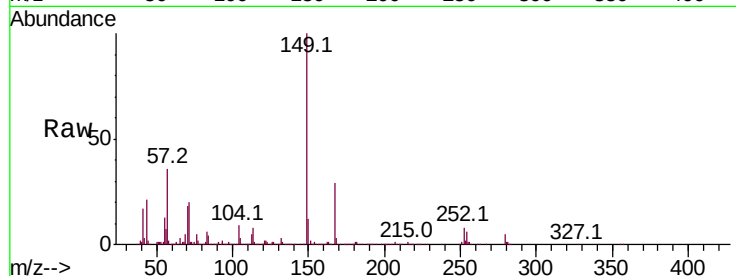
Tot Ion:149 Resp: 527734

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.3	4.6	7.0

149 100

167 29.1 23.4 35.0

279 5.3 4.6 7.0

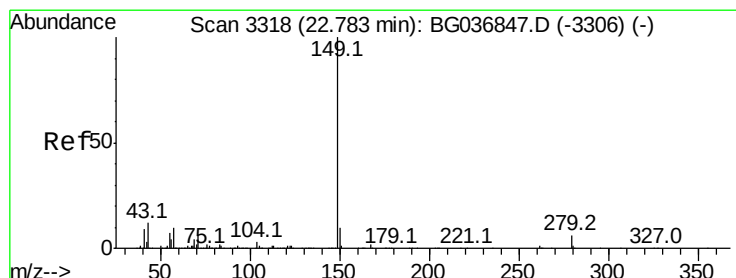
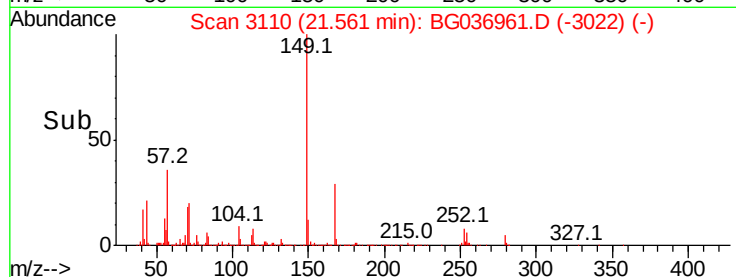
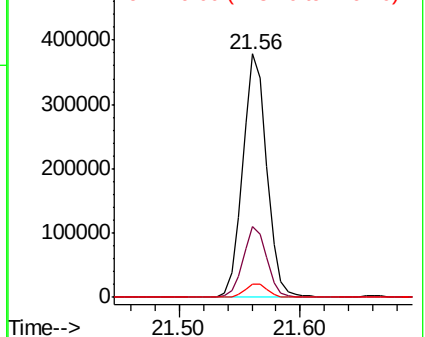


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.824 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

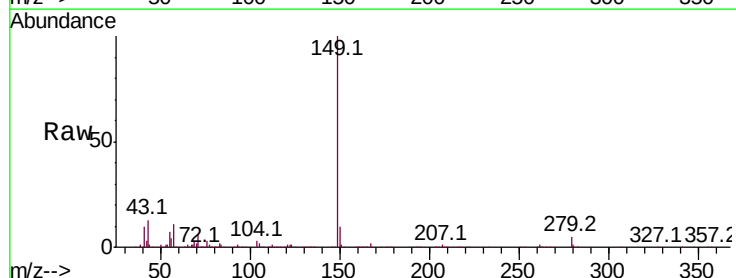
Tgt Ion:149 Resp: 889409

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.4	10.0	15.0

149 100

167 1.7 1.3 1.9

43 12.4 10.0 15.0

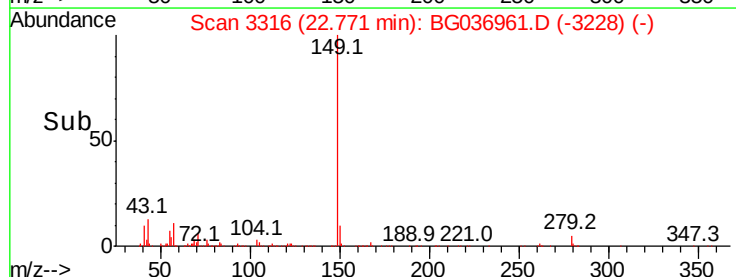
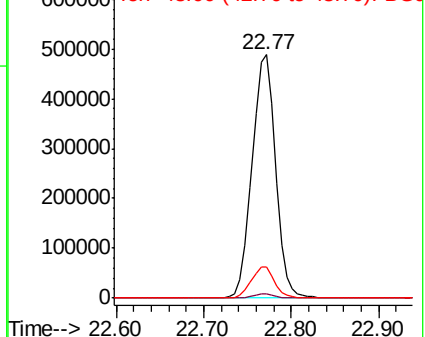


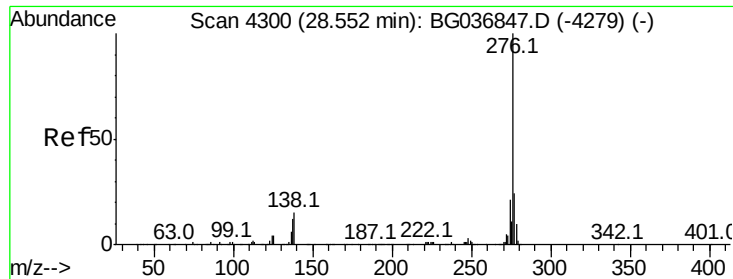
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



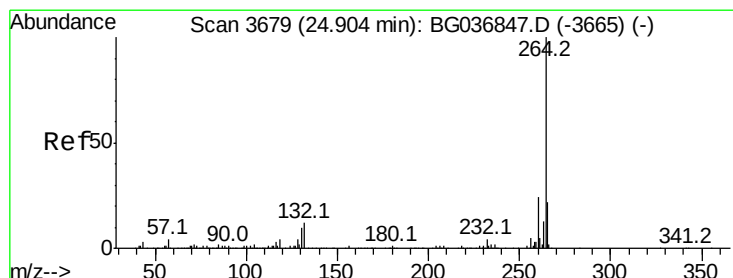
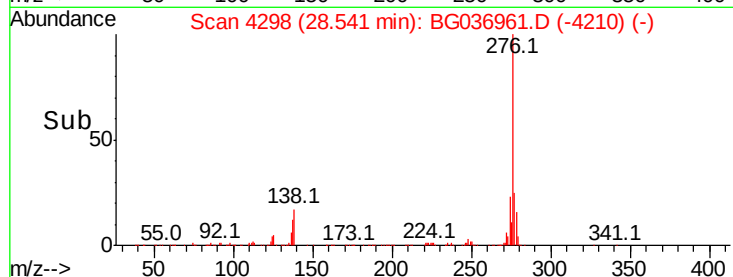
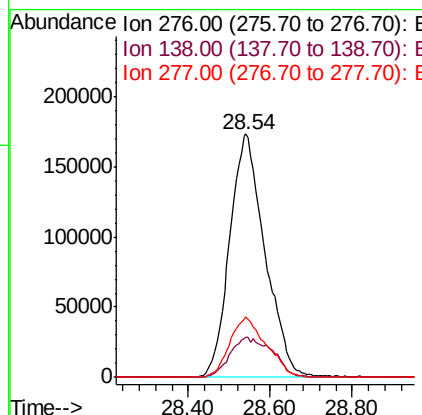
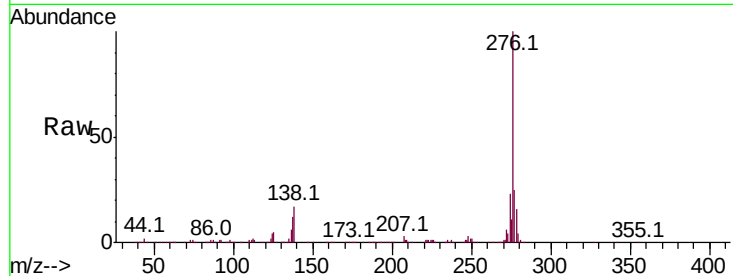


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.773 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.01 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1038295

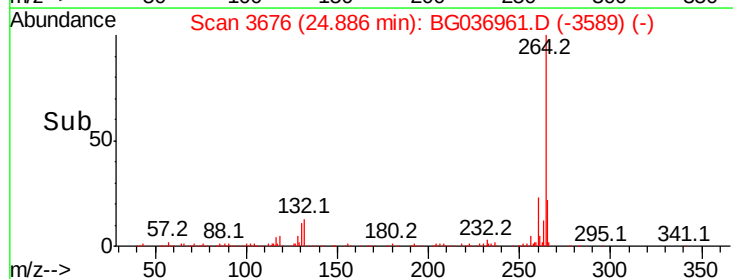
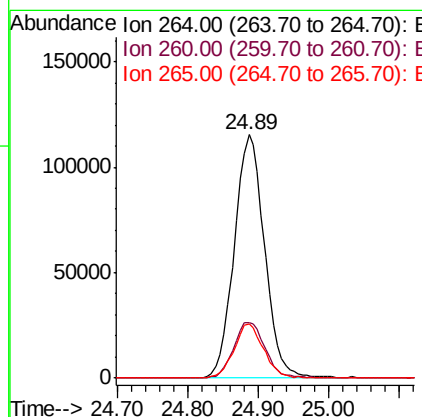
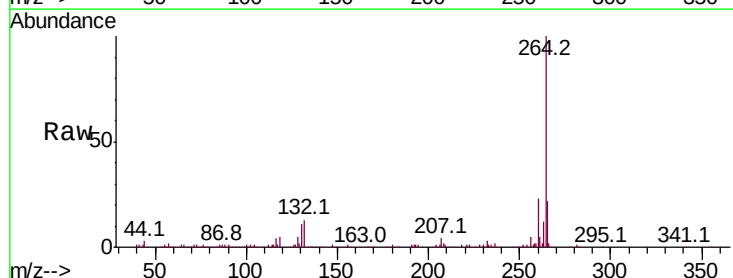
Ion	Ratio	Lower	Upper
276	100		
138	19.8	10.6	15.8#
277	25.6	20.6	30.8

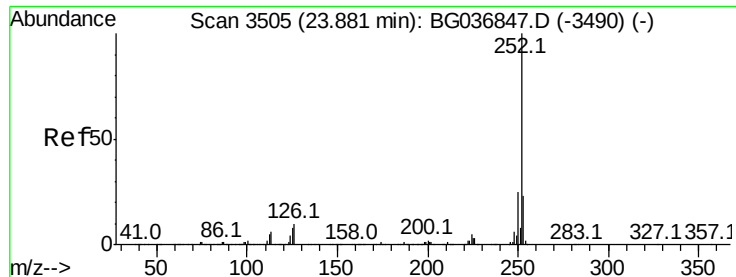


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036961.D
 Acq: 25 Sep 2018 22:50

Tgt Ion:264 Resp: 343736

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.539 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

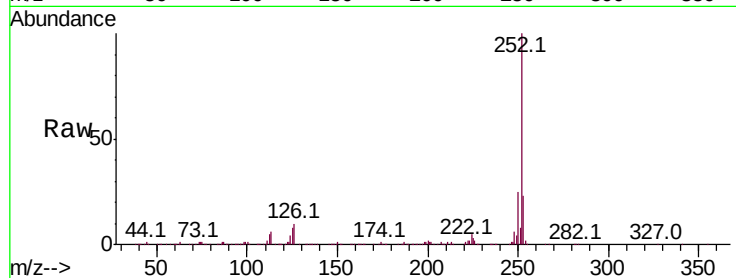
Tot Ion:252 Resp: 925797

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 7.9 6.6 10.0

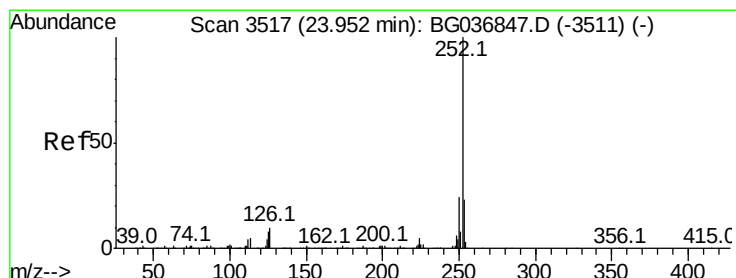
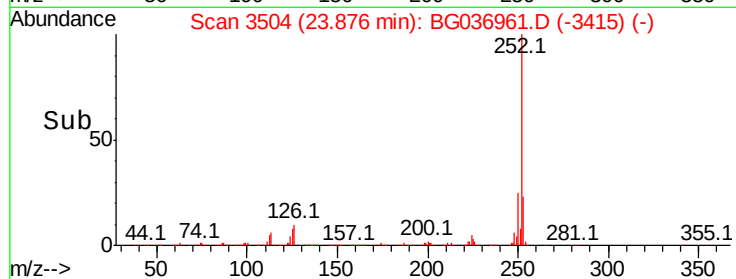
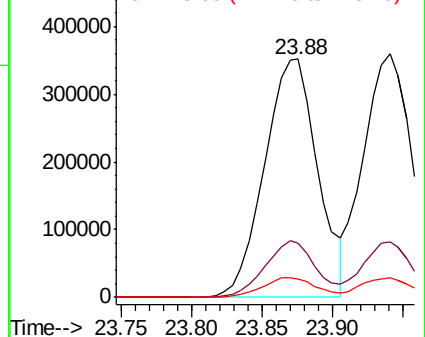


Abundance

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: 48.053 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

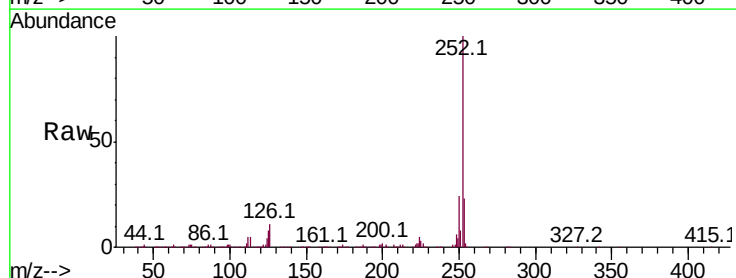
Tgt Ion:252 Resp: 883134

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 8.2 7.0 10.6

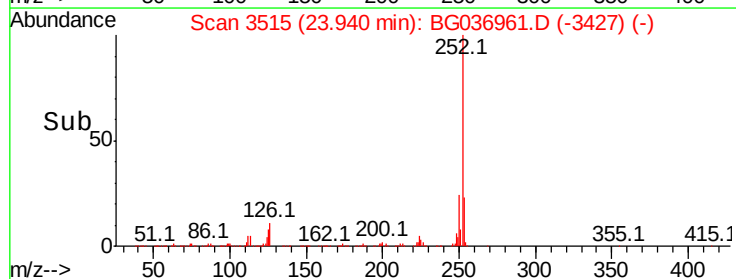
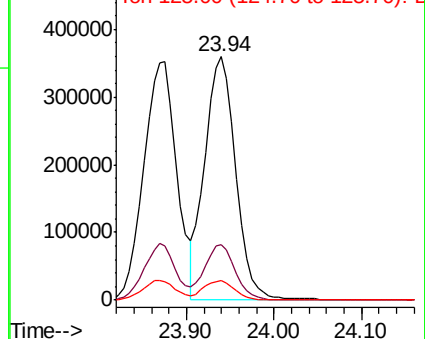


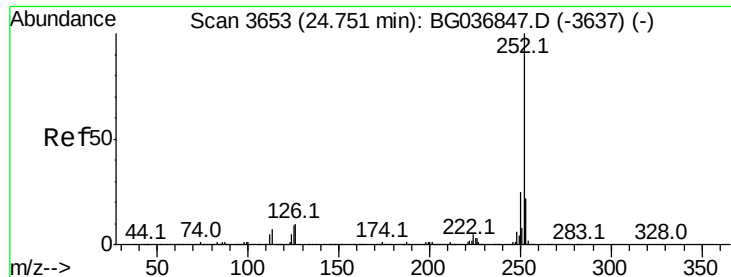
Abundance

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: 50.308 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

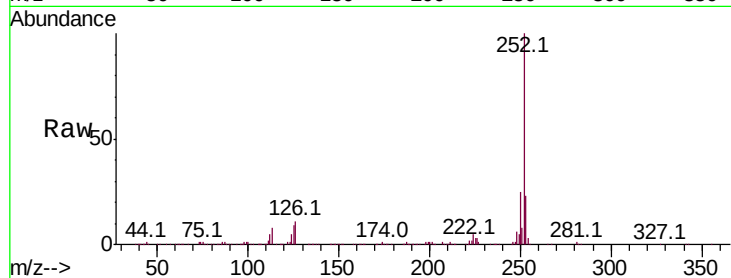
Tot Ion:252 Resp: 890953

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

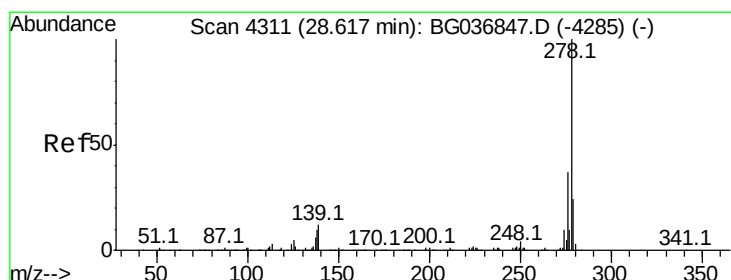
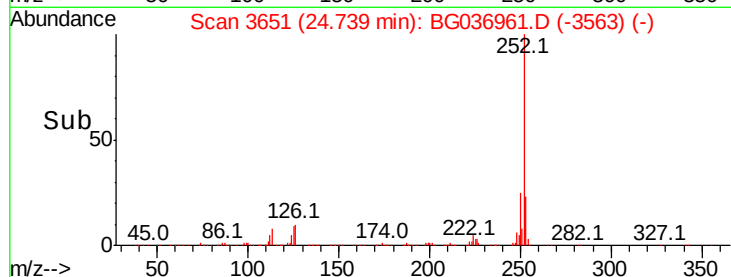
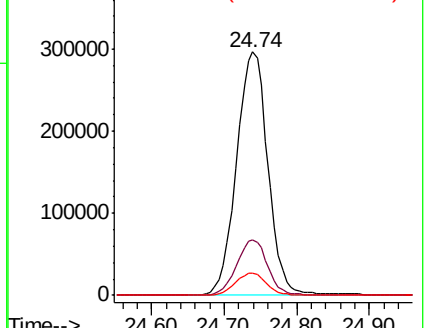
125 8.9 7.3 10.9



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: 50.281 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

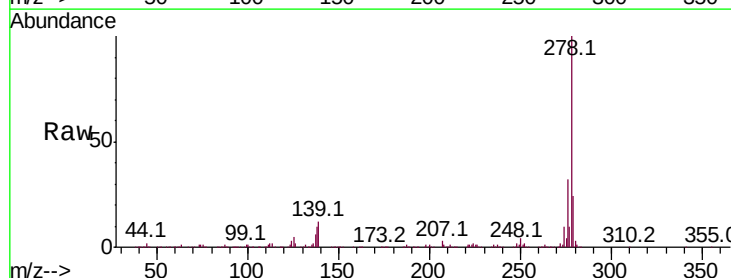
Tgt Ion:278 Resp: 834560

Ion Ratio Lower Upper

278 100

139 11.7 11.0 16.4

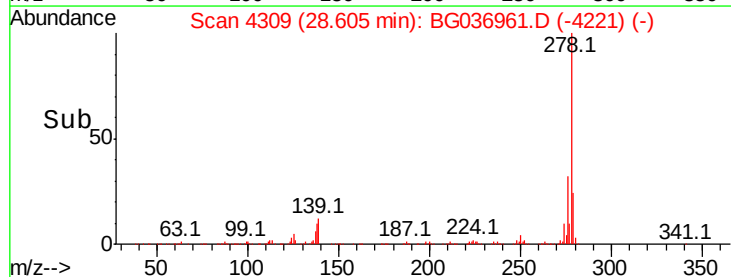
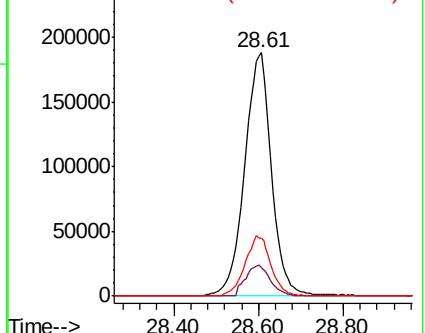
279 23.6 18.7 28.1

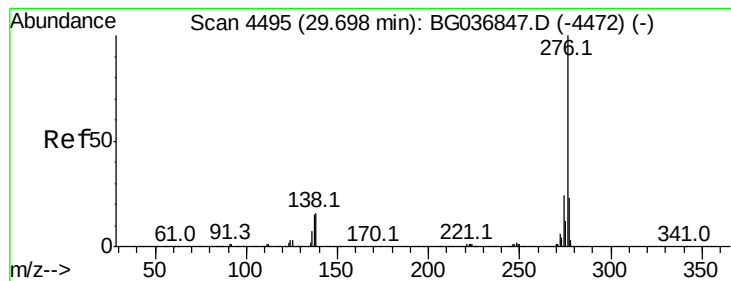


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.403 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036961.D

Acq: 25 Sep 2018 22:50

Instrument :

BNA_F

ClientSampleId :

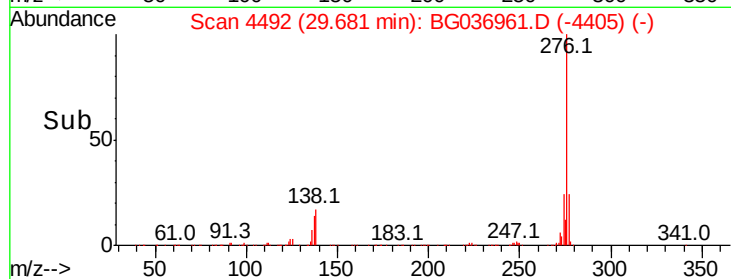
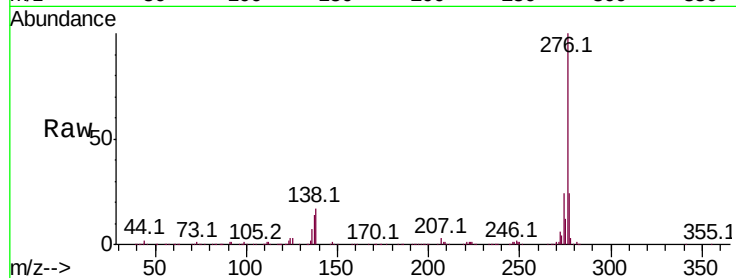
Tot Ion: 276 Resp: 856263

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 16.7 14.6 22.0



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

