

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040003.D
 Acq On : 19 Mar 2019 15:21
 Operator : JU/SJ
 Sample : PB118018BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Quant Time: Mar 20 04:08:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	53619	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	227408	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	154343	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	356891	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	327506	20.00	ng	-0.02
87) Perylene-d12	25.16	264	320061	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	423091	134.62	ng	-0.01
7) Phenol-d6	7.30	99	592866	126.51	ng	-0.01
23) Nitrobenzene-d5	9.33	82	342924	81.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	226904	126.13	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	803721	74.14	ng	-0.02
79) Terphenyl-d14	20.11	244	1131080	76.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	41791	28.801	ng	96
3) Pyridine	3.97	79	99706	25.667	ng	97
4) n-Nitrosodimethylamine	3.90	42	66600	36.140	ng	# 97
6) Aniline	7.47	93	194707	31.713	ng	100
8) 2-Chlorophenol	7.71	128	146790	38.497	ng	97
9) Benzaldehyde	7.28	77	81698	27.026	ng	97
10) Phenol	7.33	94	200111	39.417	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	143380	36.223	ng	97
12) 1,3-Dichlorobenzene	8.03	146	151449	35.119	ng	99
13) 1,4-Dichlorobenzene	8.18	146	154612	35.199	ng	98
14) 1,2-Dichlorobenzene	8.50	146	149615	35.253	ng	95
15) Benzyl Alcohol	8.39	79	143190	38.519	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	288154	36.399	ng	99
17) 2-Methylphenol	8.58	107	131340	40.573	ng	98
18) Hexachloroethane	9.23	117	55499	35.213	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	117376	34.798	ng	95
20) 3+4-Methylphenols	8.91	107	179157	39.838	ng	97
22) Acetophenone	8.97	105	222792	36.502	ng	98
24) Nitrobenzene	9.37	77	177211	40.174	ng	97
25) Isophorone	9.88	82	340179	38.612	ng	99
26) 2-Nitrophenol	10.07	139	88055	41.345	ng	96
27) 2,4-Dimethylphenol	10.12	122	150893	45.555	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	203391	37.989	ng	98
29) 2,4-Dichlorophenol	10.61	162	160404	43.012	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	162655	38.760	ng	99
31) Naphthalene	11.02	128	459910	38.198	ng	99
32) Benzoic acid	10.27	122	86288	39.324	ng	93
33) 4-Chloroaniline	11.13	127	120910	23.682	ng	98
34) Hexachlorobutadiene	11.28	225	108503	37.837	ng	95
35) Caprolactam	11.92	113	27194	19.089	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	172906	40.446	ng	98
37) 2-Methylnaphthalene	12.61	142	350392	38.925	ng	96
38) 1-Methylnaphthalene	12.83	142	334943	38.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	194437	37.186	ng	98

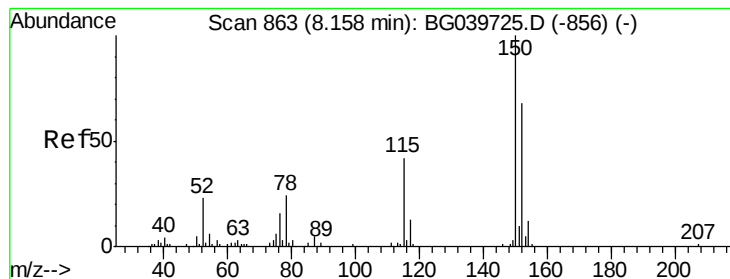
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	266341	95.050	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	132486	43.279	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	141677	41.060	ng	98
46) 1,1'-Biphenyl	13.61	154	470032	37.026	ng	99
47) 2-Chloronaphthalene	13.66	162	364010	38.116	ng	99
48) 2-Nitroaniline	13.87	65	128295	41.803	ng	97
49) Acenaphthylene	14.50	152	580247	37.012	ng	98
50) Dimethylphthalate	14.22	163	482190	37.362	ng	100
51) 2,6-Dinitrotoluene	14.35	165	109598	40.058	ng	97
52) Acenaphthene	14.84	154	355379	37.663	ng	100
53) 3-Nitroaniline	14.69	138	78870	28.677	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	141864	82.074	ng	98
55) Dibenzofuran	15.17	168	575212	37.156	ng	97
56) 4-Nitrophenol	14.99	139	178343	72.488	ng	93
57) 2,4-Dinitrotoluene	15.14	165	154537	40.198	ng	88
58) Fluorene	15.82	166	452275	37.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	141214	41.905	ng	98
60) Diethylphthalate	15.57	149	489067	38.280	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	244312	37.619	ng	99
62) 4-Nitroaniline	15.85	138	110038	36.906	ng	99
63) Azobenzene	16.09	77	446032	38.514	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	94377	44.725	ng	98
66) n-Nitrosodiphenylamine	16.02	169	420078	40.658	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	156473	39.169	ng	95
68) Hexachlorobenzene	16.81	284	162570	39.260	ng	97
69) Atrazine	16.96	200	153292	37.698	ng	98
70) Pentachlorophenol	17.16	266	205273	78.493	ng	97
71) Phenanthrene	17.56	178	741761	37.733	ng	99
72) Anthracene	17.65	178	746849	38.987	ng	98
73) Carbazole	17.92	167	636205	36.839	ng	98
74) Di-n-butylphthalate	18.45	149	765931	37.695	ng	100
75) Fluoranthene	19.56	202	844334	36.343	ng	99
77) Benzidine	19.74	184	407219	39.183	ng	100
78) Pyrene	19.92	202	817747	38.425	ng	99
80) Butylbenzylphthalate	20.79	149	349252	42.359	ng	96
81) Benzo(a)anthracene	21.79	228	793995	38.683	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	207810	27.731	ng	98
83) Chrysene	21.86	228	749571	37.669	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	486736	42.010	ng	98
85) Di-n-octyl phthalate	22.90	149	826897	43.103	ng	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	890992	39.469	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	785516	41.157	ng	99
89) Benzo(k)fluoranthene	24.17	252	752727	42.369	ng	98
90) Benzo(a)pyrene	25.01	252	761443	43.175	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	722223	41.771	ng	99
92) Benzo(g,h,i)perylene	30.26	276	740685	42.655	ng	97

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

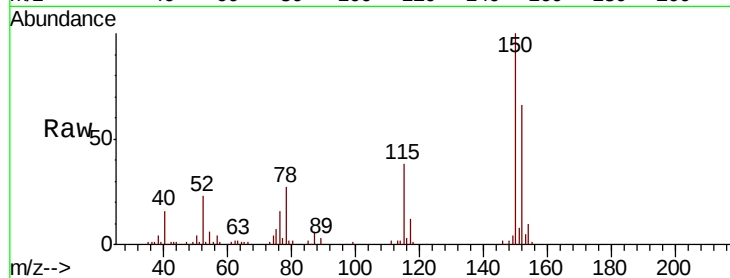


#1

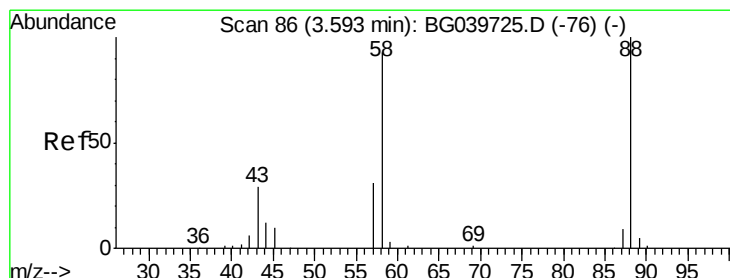
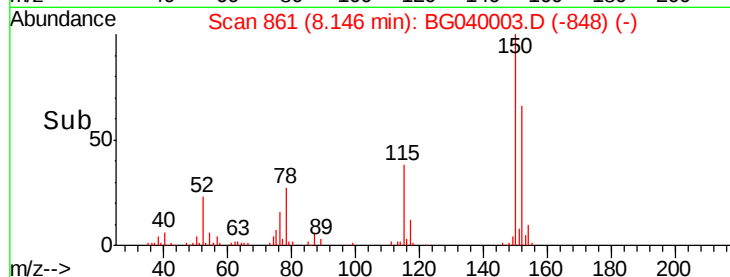
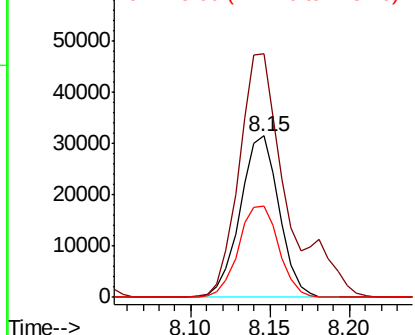
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:152 Resp: 53619
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 56.8 45.9 68.9



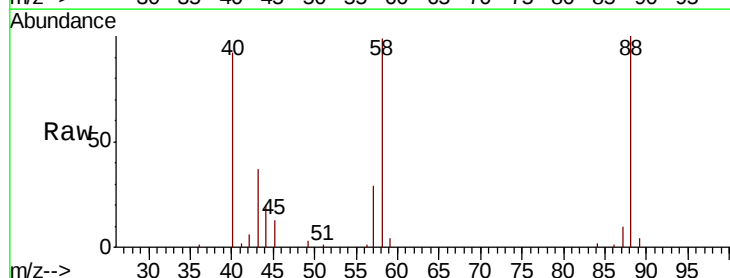
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



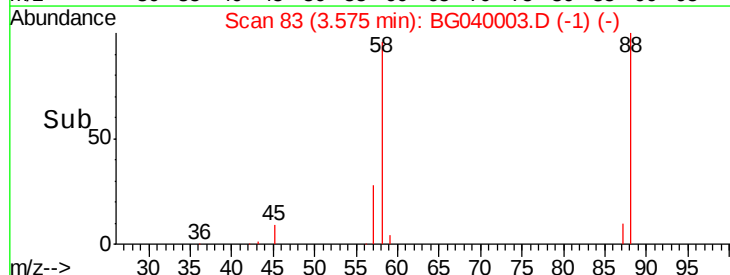
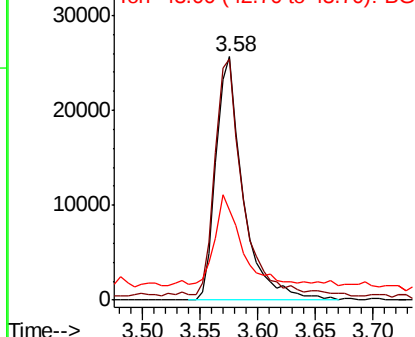
#2

1,4-Dioxane
Concen: 28.801 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion: 88 Resp: 41791
Ion Ratio Lower Upper
88 100
58 98.8 81.1 121.7
43 34.1 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 25.667 ng

RT: 3.97 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

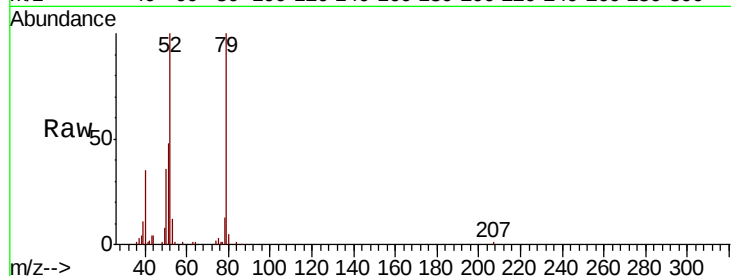
Tgt Ion: 79 Resp: 99706

Ion Ratio Lower Upper

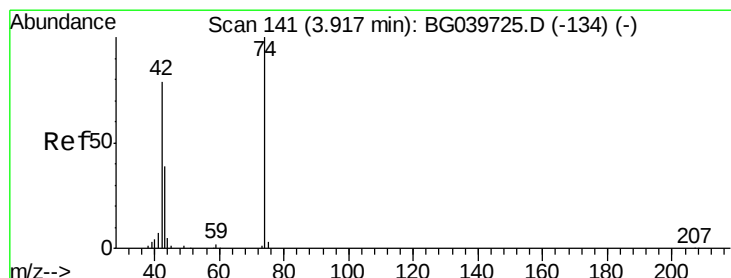
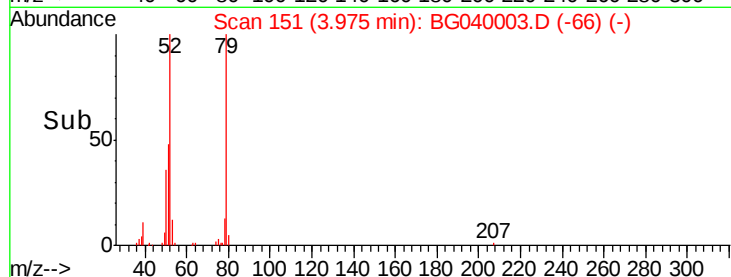
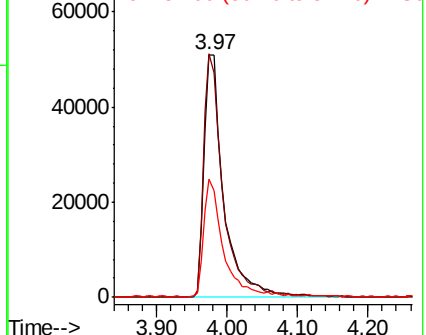
79 100

52 100.3 82.6 124.0

51 48.5 37.5 56.3



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: 36.140 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

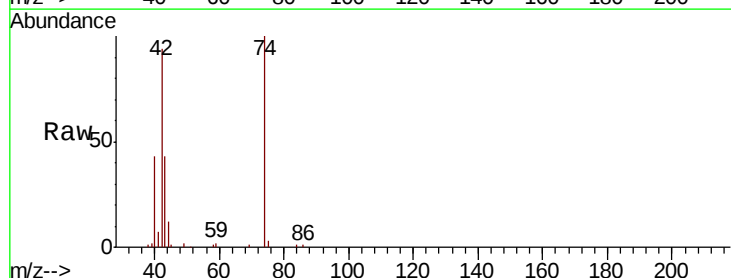
Tgt Ion: 42 Resp: 66600

Ion Ratio Lower Upper

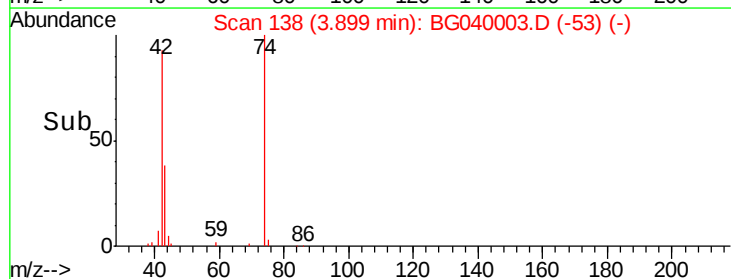
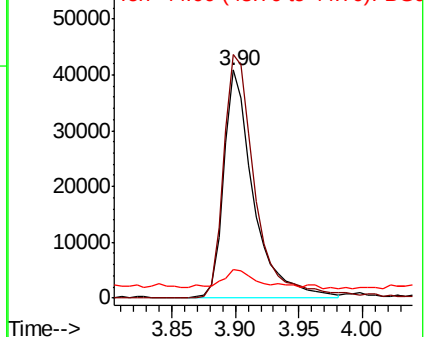
42 100

74 106.9 83.6 125.4

44 12.6 6.9 10.3#



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: 134.616 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

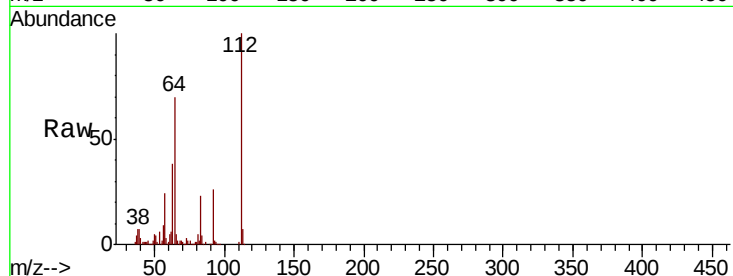
Tgt Ion: 112 Resp: 423091

Ion Ratio Lower Upper

112 100

64 69.6 57.8 86.8

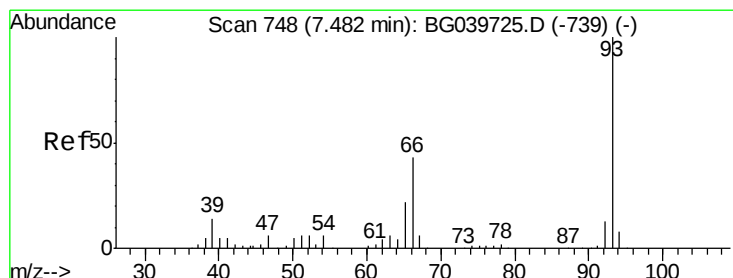
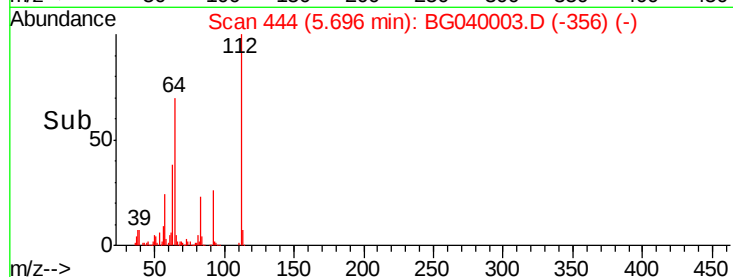
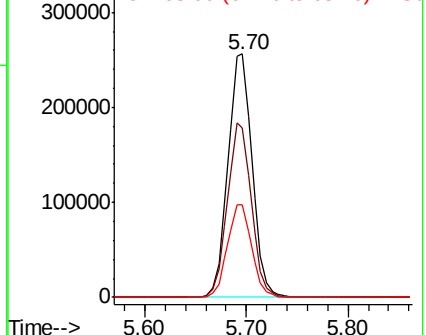
63 38.0 29.8 44.6



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: 31.713 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

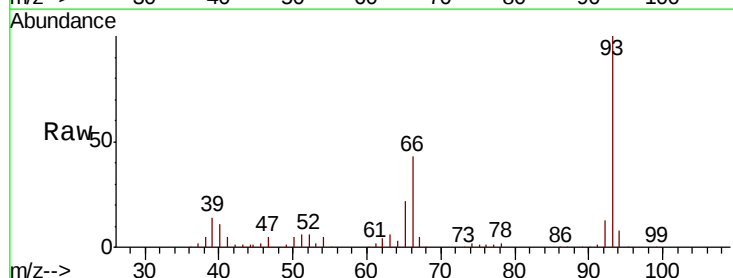
Tgt Ion: 93 Resp: 194707

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.4

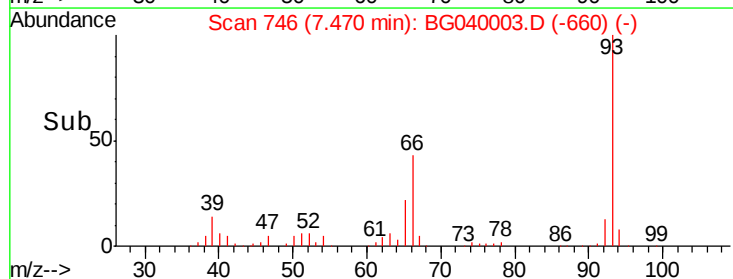
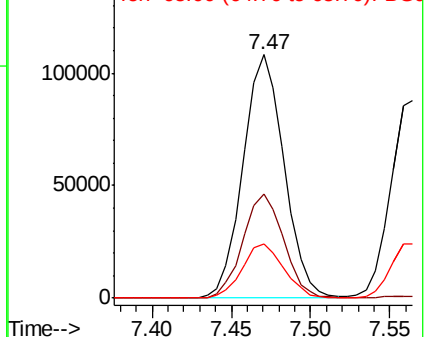
65 22.5 17.7 26.5



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: 126.510 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

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BNA_G

ClientSampleId :

PB118018BS

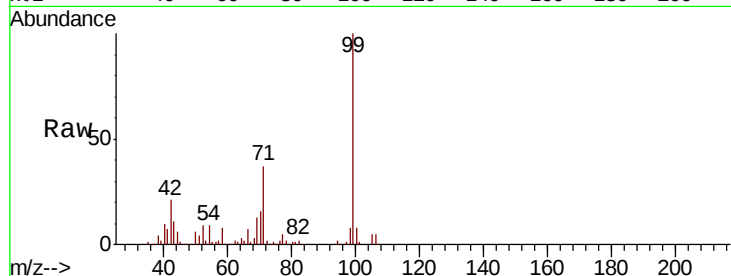
Tgt Ion: 99 Resp: 592866

Ion Ratio Lower Upper

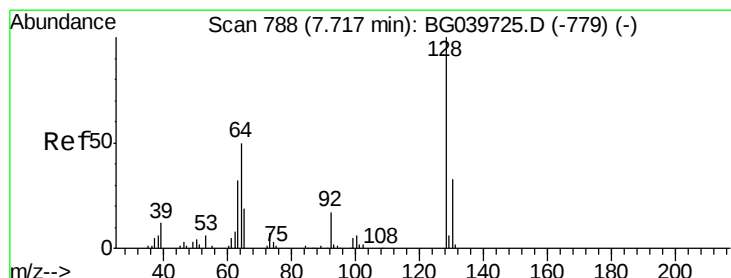
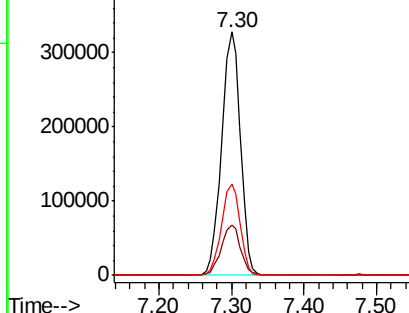
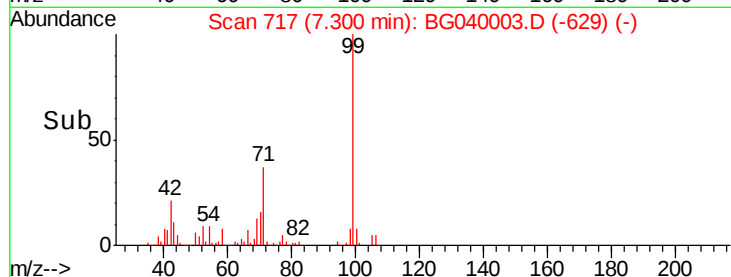
99 100

42 20.8 18.2 27.2

71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.497 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

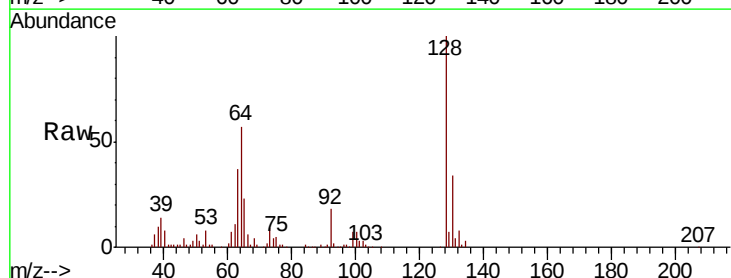
Tgt Ion: 128 Resp: 146790

Ion Ratio Lower Upper

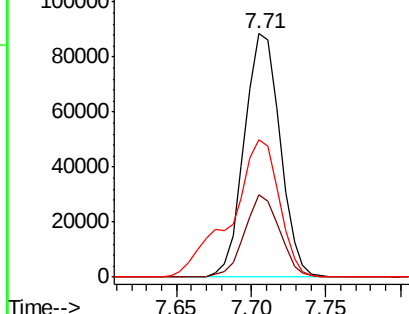
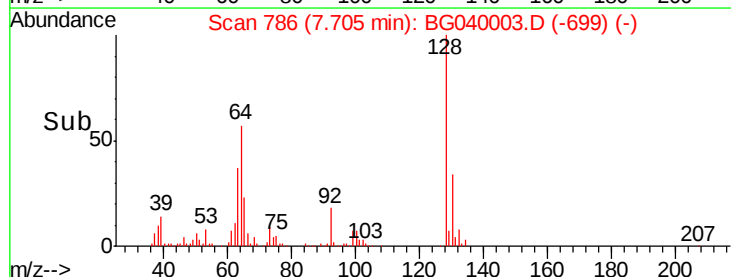
128 100

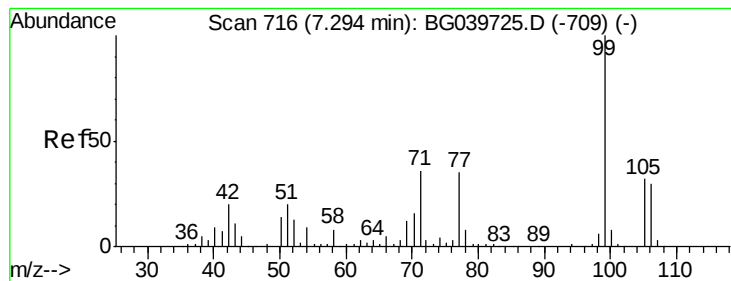
130 34.0 12.9 52.9

64 56.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.026 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

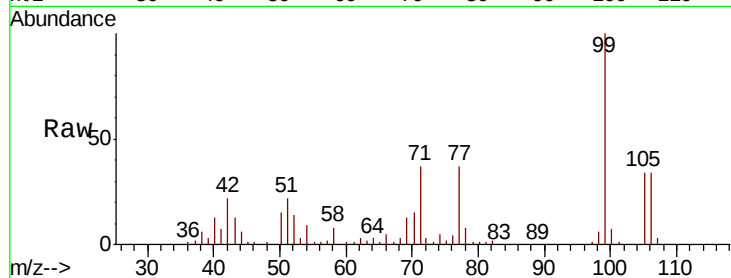
Tgt Ion: 77 Resp: 81698

Ion Ratio Lower Upper

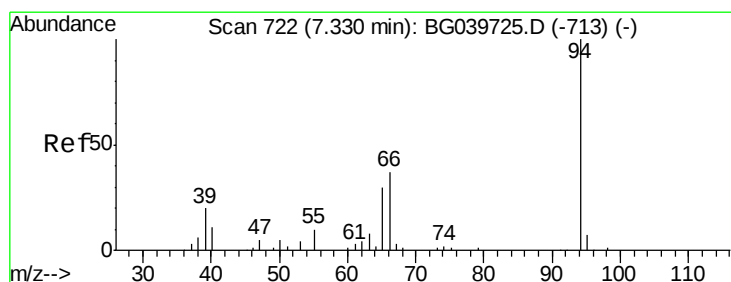
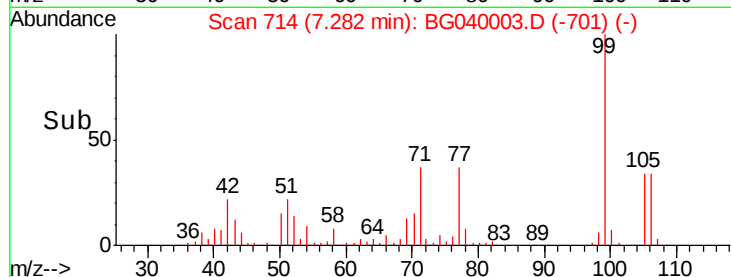
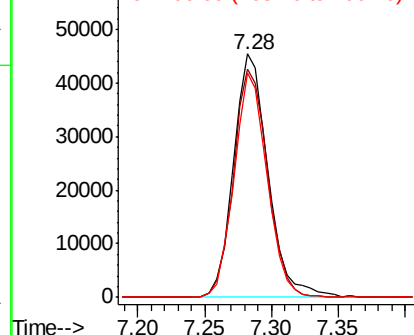
77 100

105 93.6 74.5 114.5

106 92.0 68.0 108.0



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: 39.417 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

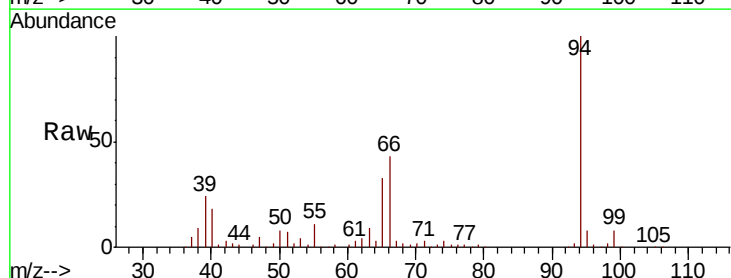
Tgt Ion: 94 Resp: 200111

Ion Ratio Lower Upper

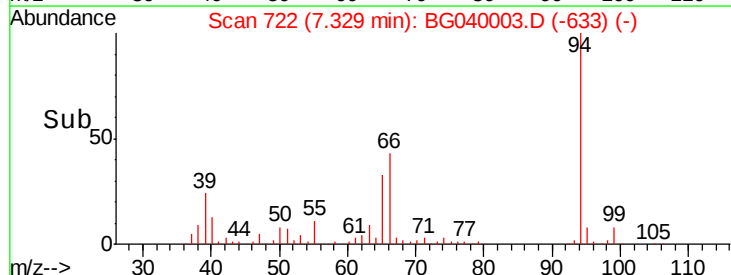
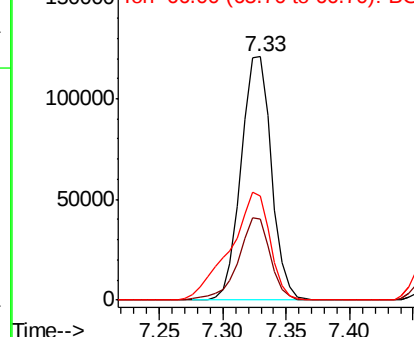
94 100

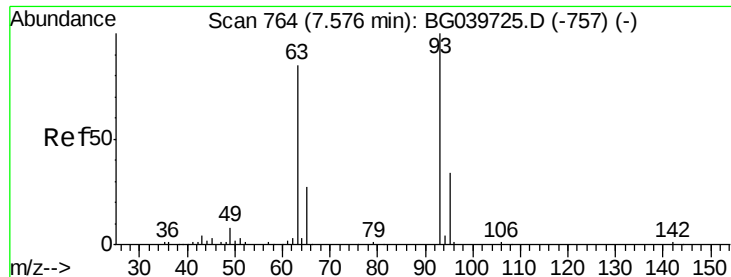
65 33.5 11.7 51.7

66 42.7 23.7 63.7



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



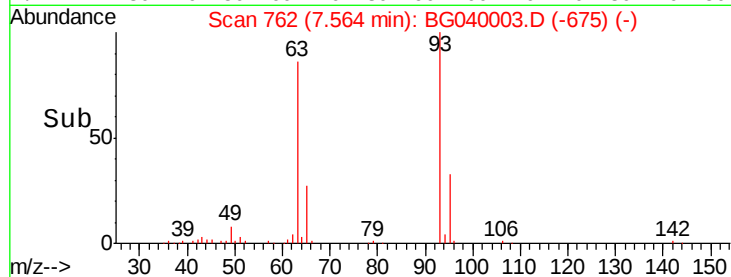
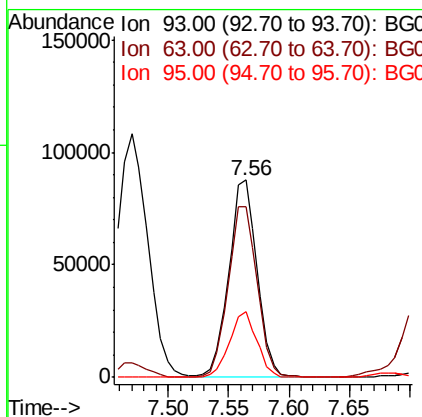
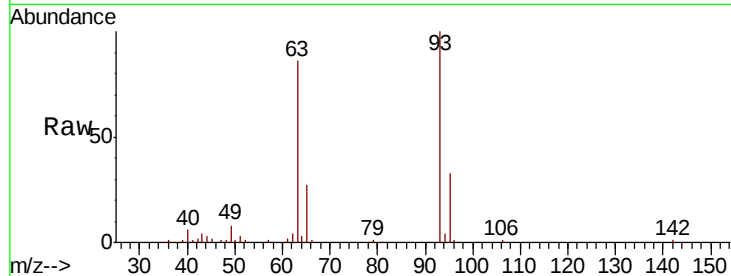


#11
 bis(2-Chloroethyl)ether
 Concen: 36.223 ng
 RT: 7.56 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion: 93 Resp: 143380

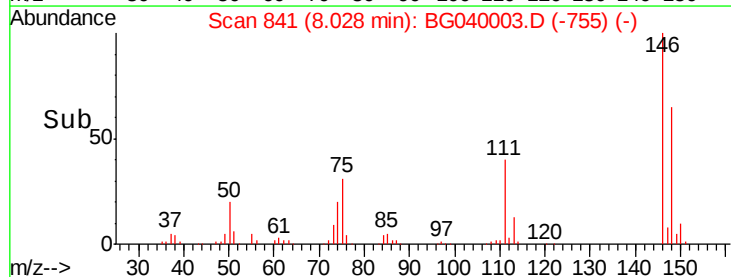
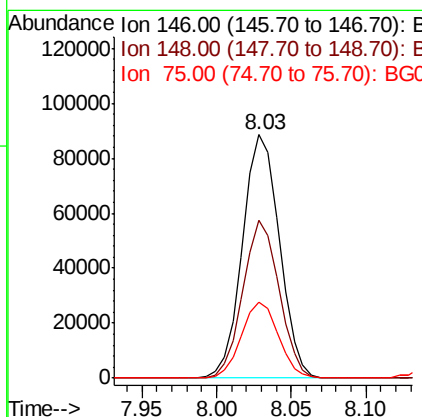
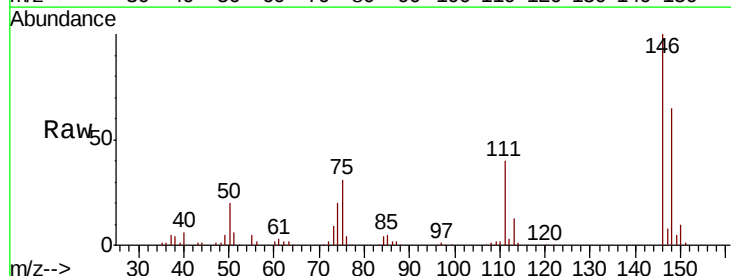
Ion	Ratio	Lower	Upper
93	100		
63	86.4	69.5	109.5
95	33.4	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 35.119 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion: 146 Resp: 151449

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.6	79.0
75	31.2	25.8	38.6

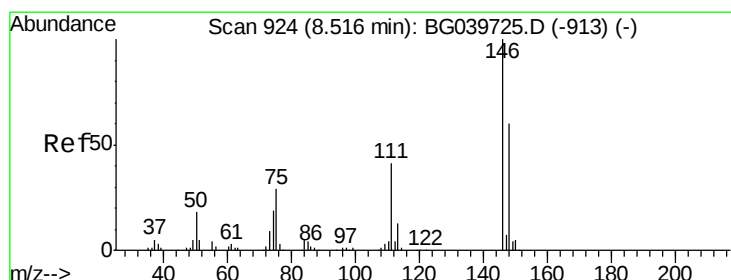
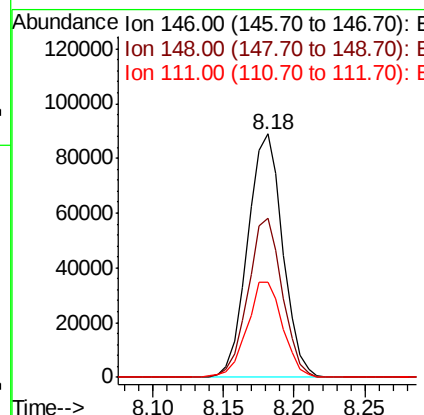
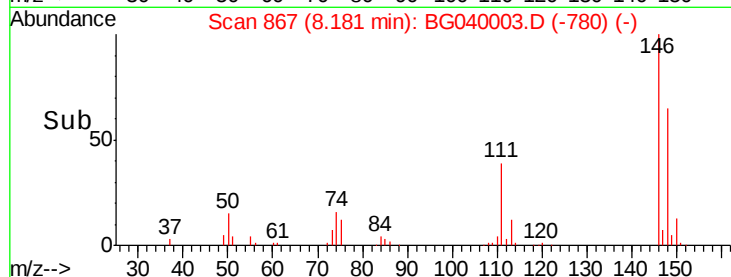
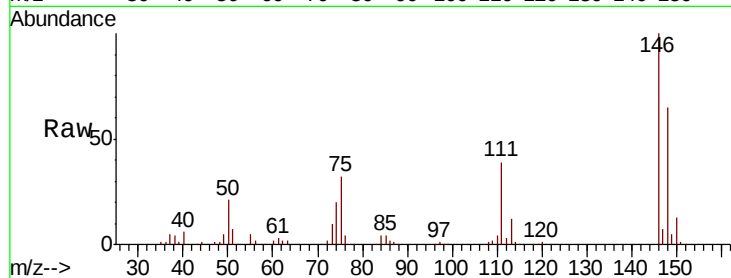




#13
 1,4-Dichlorobenzene
 Concen: 35.199 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

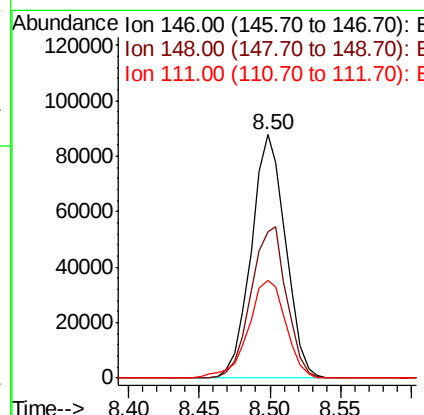
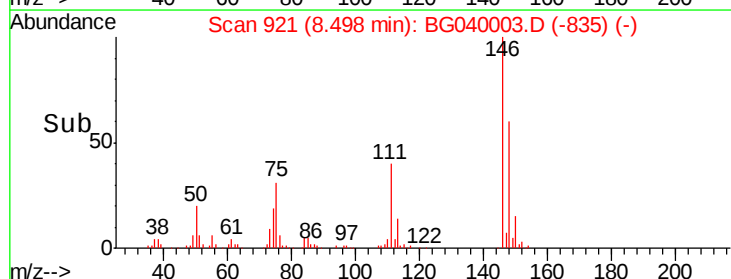
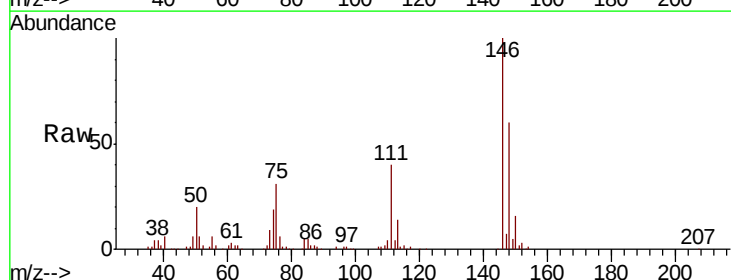
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion:146 Resp: 154612
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 39.3 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 35.253 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion:146 Resp: 149615
 Ion Ratio Lower Upper
 146 100
 148 60.2 51.5 77.3
 111 40.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 38.519 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

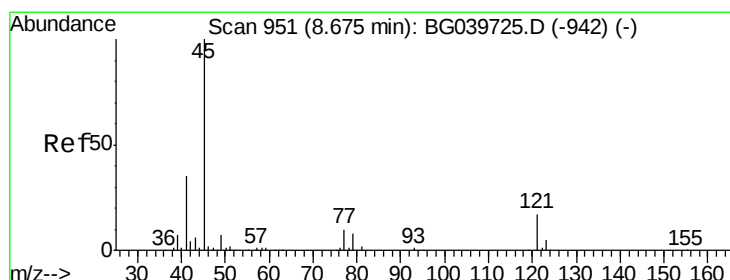
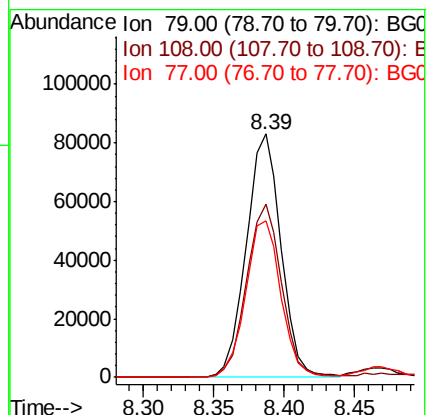
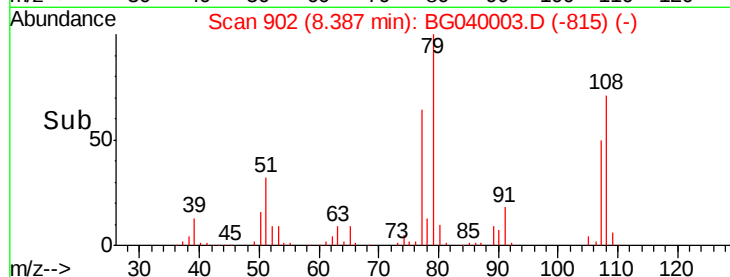
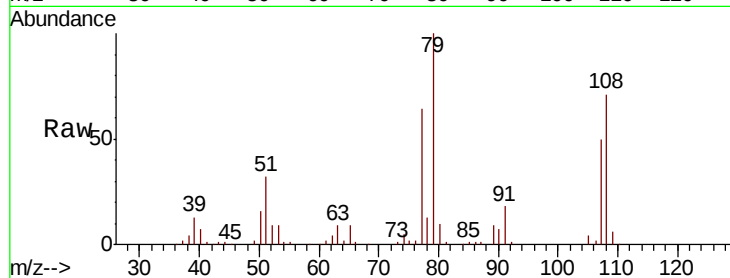
Tgt Ion: 79 Resp: 143190

Ion Ratio Lower Upper

79 100

108 71.0 57.8 86.6

77 64.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.399 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

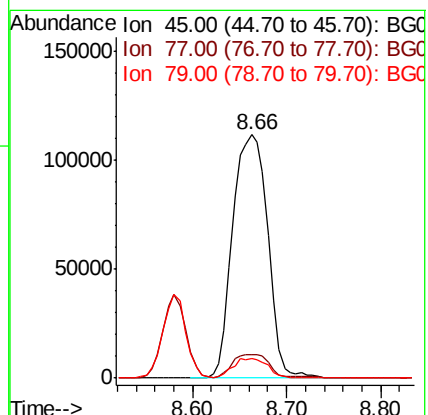
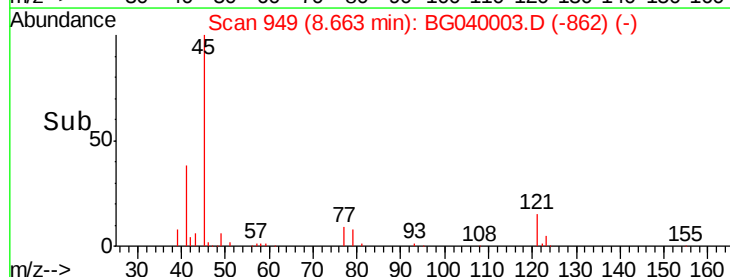
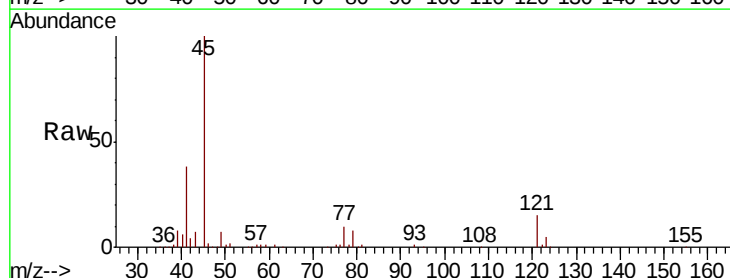
Tgt Ion: 45 Resp: 288154

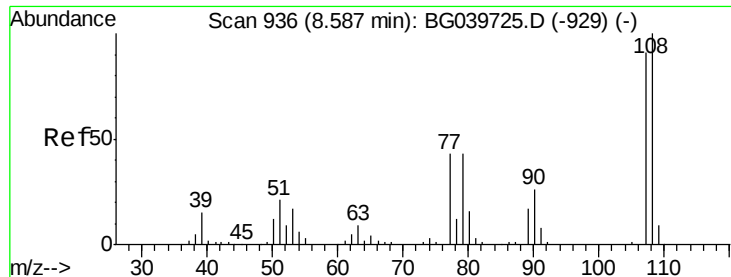
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 8.0 0.0 27.5

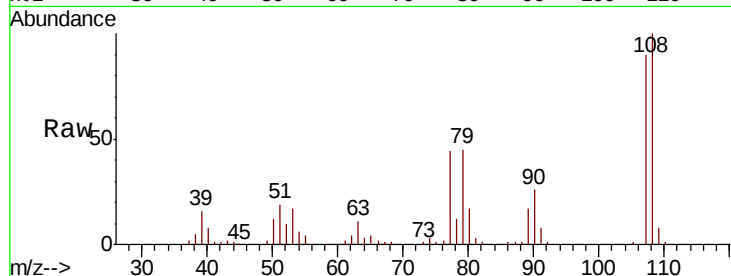




#17
2-Methylphenol
Concen: 40.573 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:	107	Resp:	131340
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.8	136.2
77	49.1	40.7	61.1
79	49.5	40.6	60.8



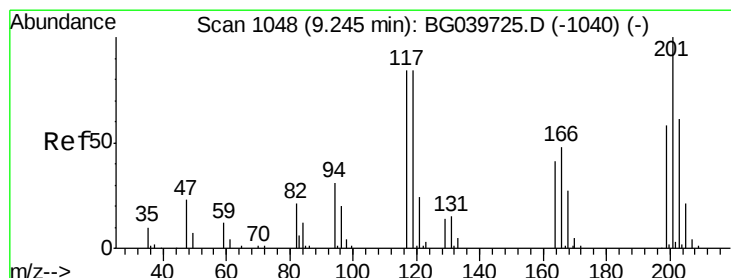
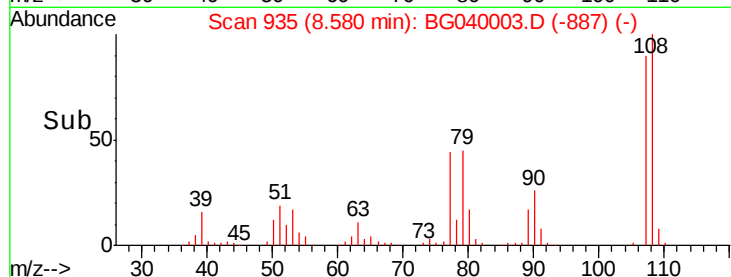
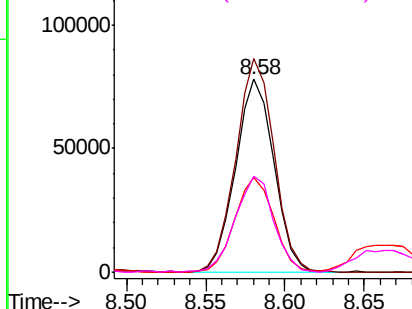
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

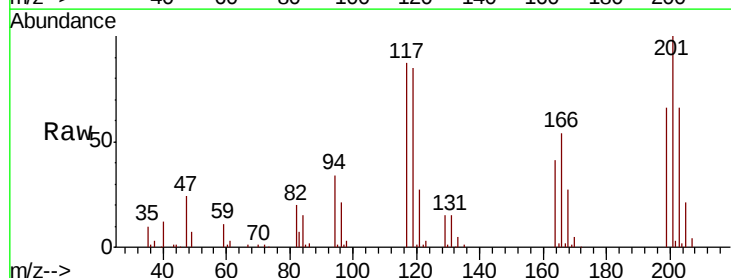
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.213 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:	117	Resp:	55499
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
201	114.6	91.1	136.7

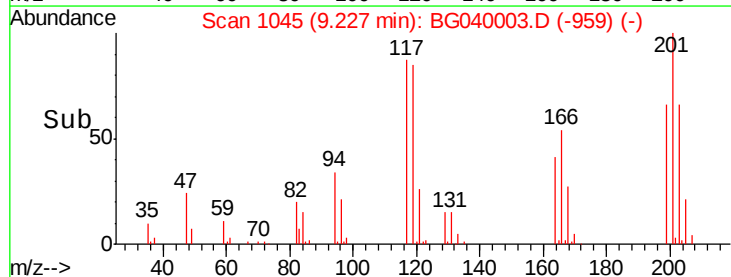
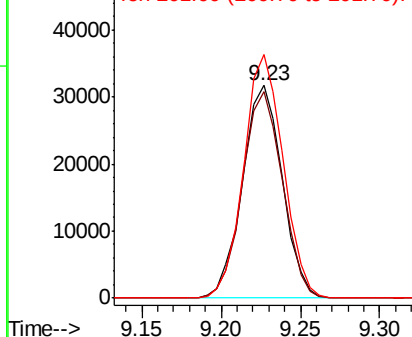


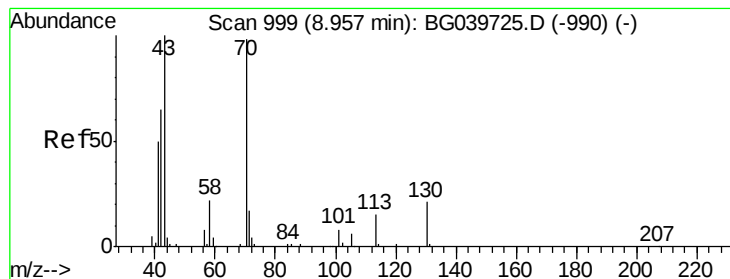
Abundance

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: 34.798 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

Tgt Ion: 70 Resp: 117376

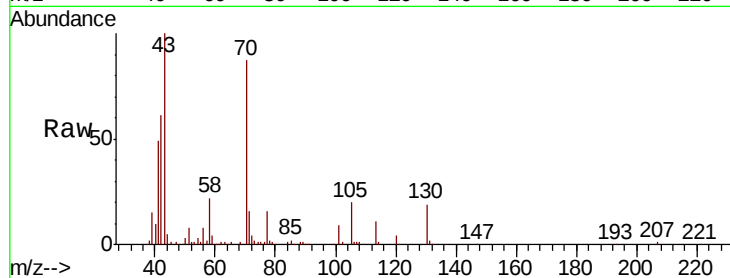
Ion Ratio Lower Upper

70 100

42 70.2 60.4 90.6

101 10.0 7.5 11.3

130 21.6 16.9 25.3

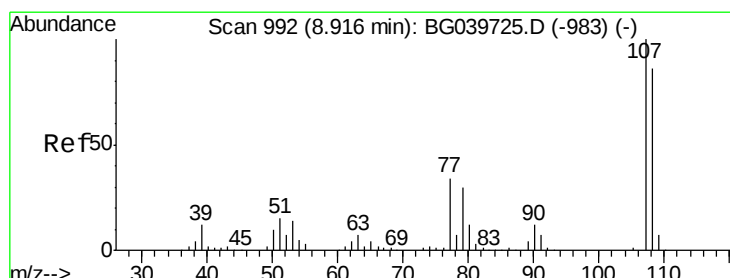
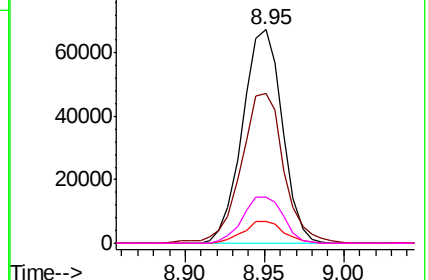
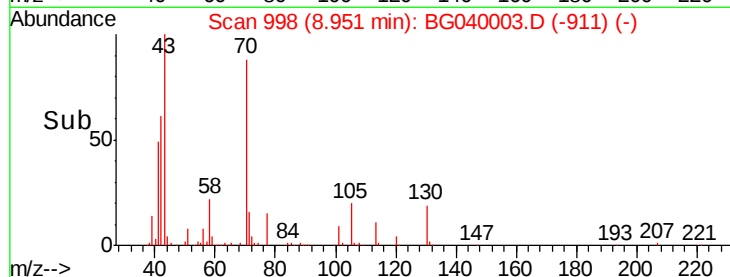


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.838 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Tgt Ion: 107 Resp: 179157

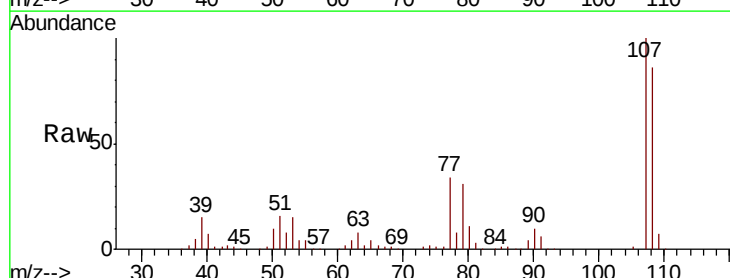
Ion Ratio Lower Upper

107 100

108 86.3 67.9 107.9

77 34.1 15.4 55.4

79 30.8 13.7 53.7

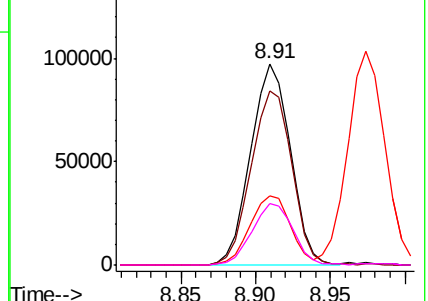
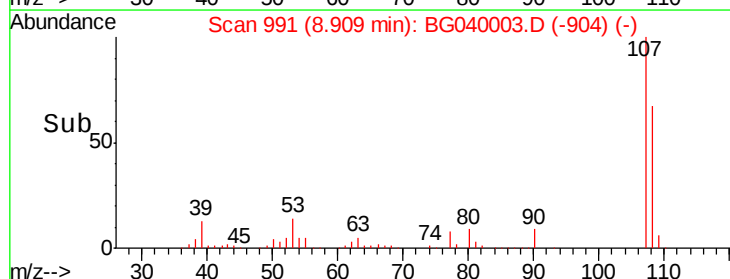


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

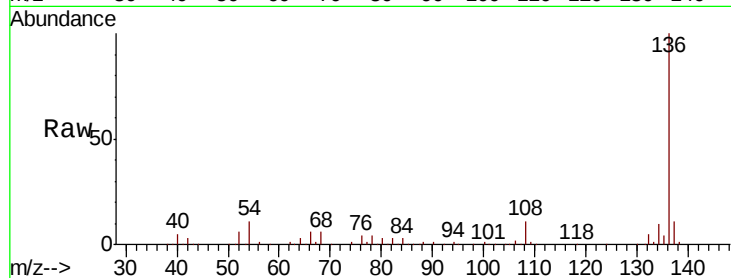




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:	136	Resp:	227408
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.2	9.4	14.2
68	5.6	4.2	6.4



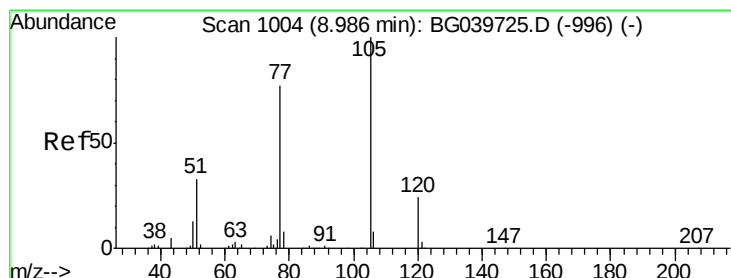
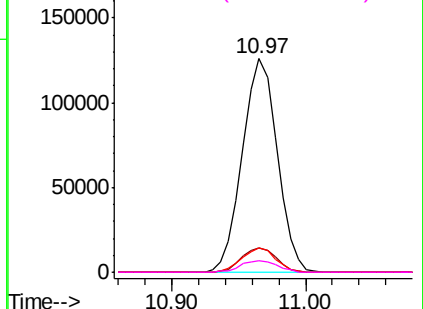
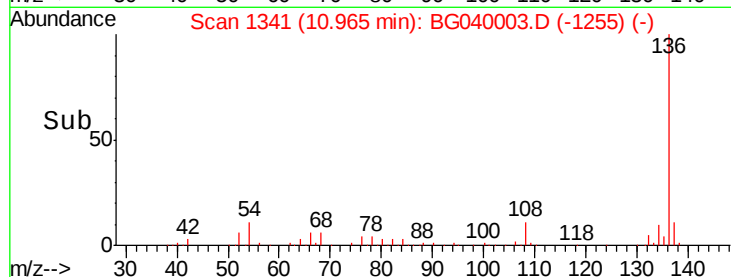
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

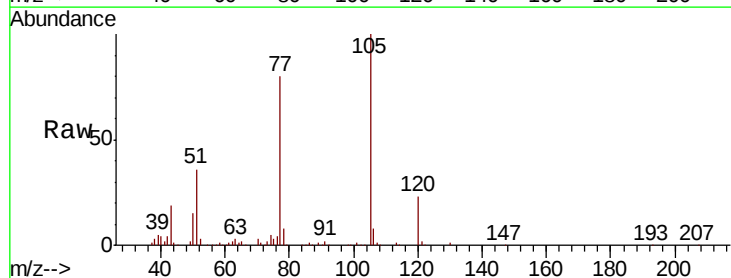
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.502 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:	105	Resp:	222792
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	35.9	30.2	45.2
120	23.2	18.0	27.0



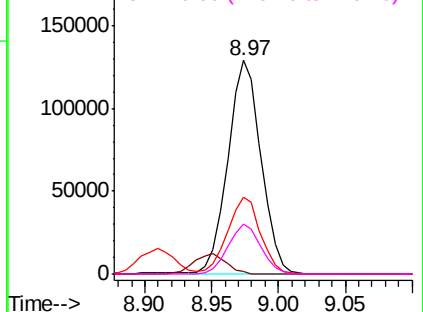
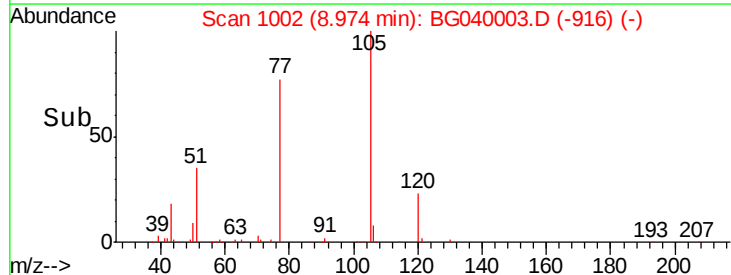
Abundance

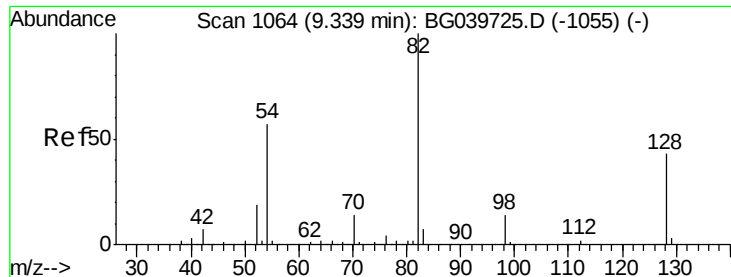
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

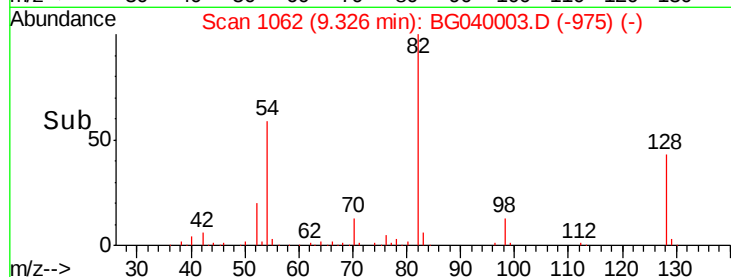
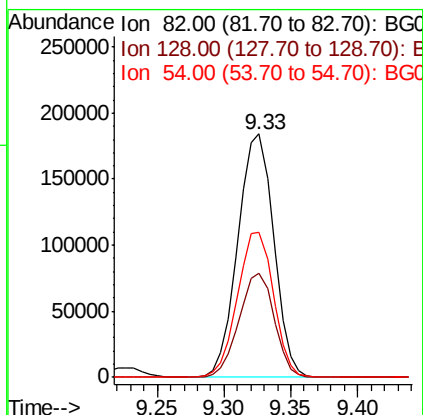
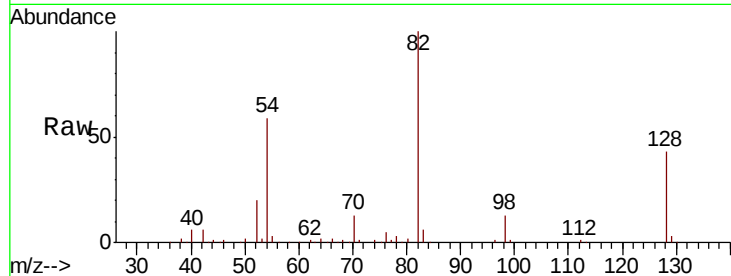




#23
 Nitrobenzene-d5
 Concen: 81.557 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

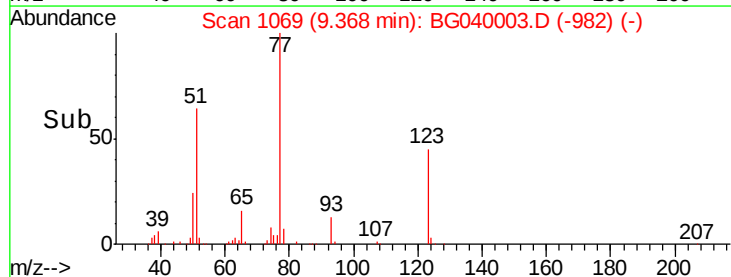
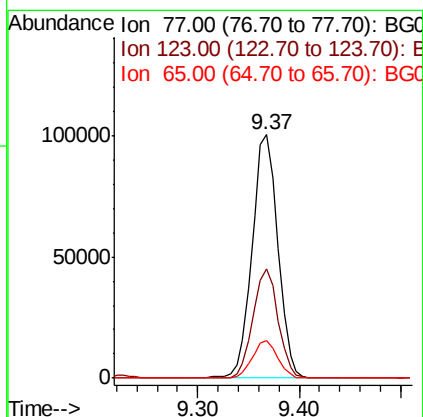
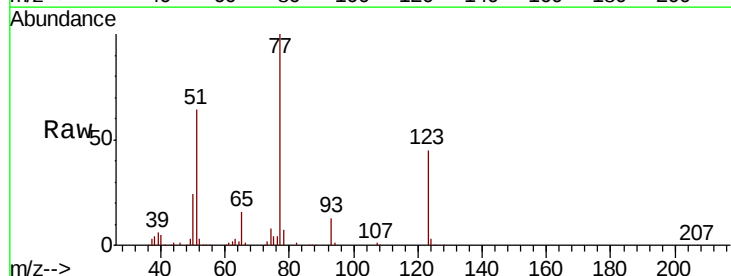
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion: 82 Resp: 342924
 Ion Ratio Lower Upper
 82 100
 128 43.0 31.3 46.9
 54 59.4 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.174 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion: 77 Resp: 177211
 Ion Ratio Lower Upper
 77 100
 123 44.9 34.1 51.1
 65 15.6 12.3 18.5

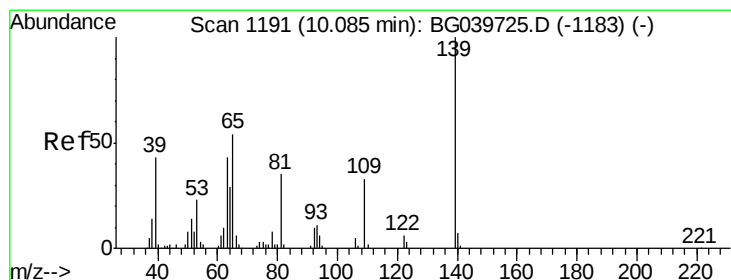
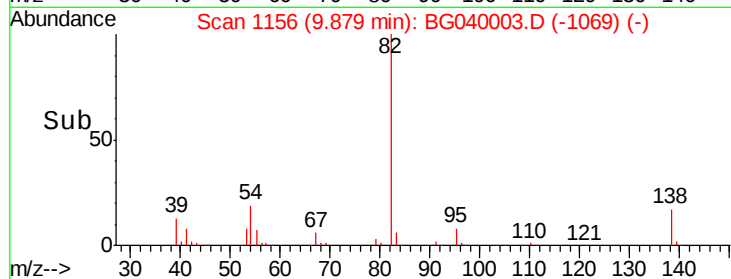
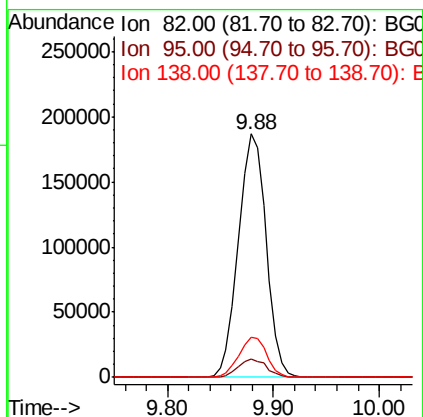
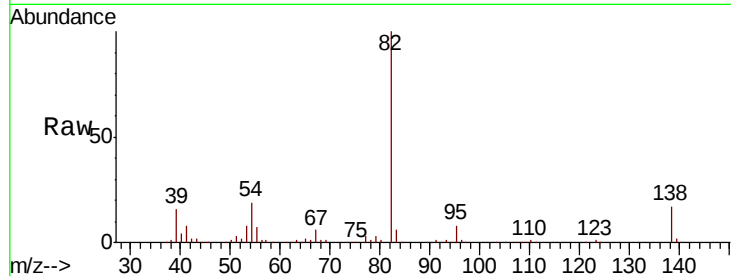




#25
Isophorone
Concen: 38.612 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

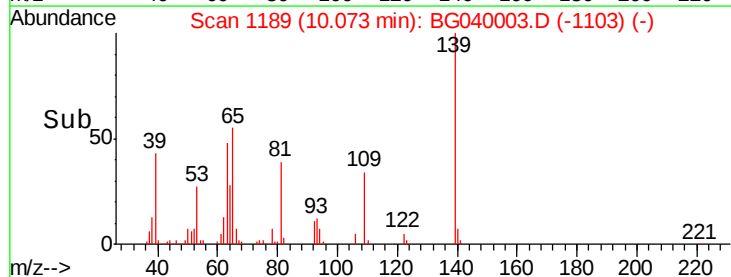
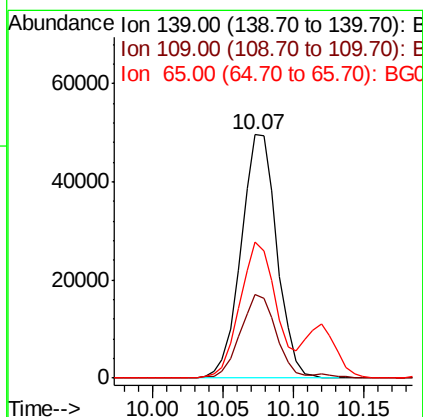
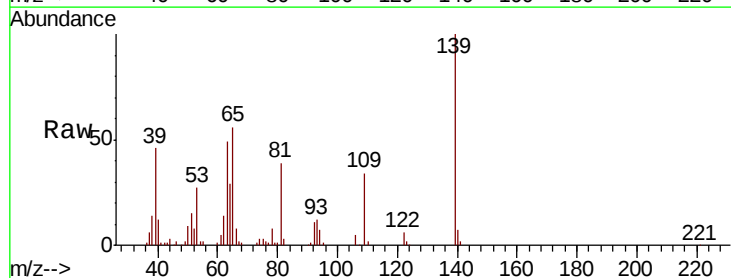
Instrument :
BNA_G
ClientSampleId :
PB118018BS

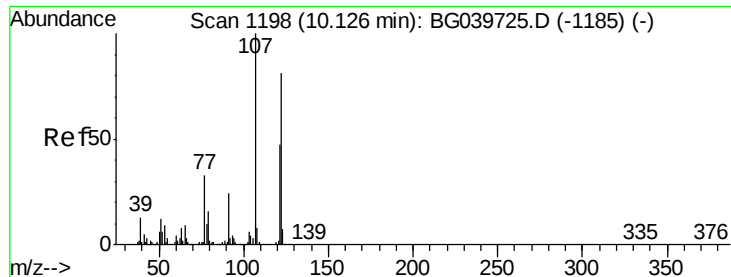
Tgt Ion: 82 Resp: 340179
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 16.6 13.0 19.4



#26
2-Nitrophenol
Concen: 41.345 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion: 139 Resp: 88055
Ion Ratio Lower Upper
139 100
109 34.2 23.4 35.0
65 56.1 44.3 66.5

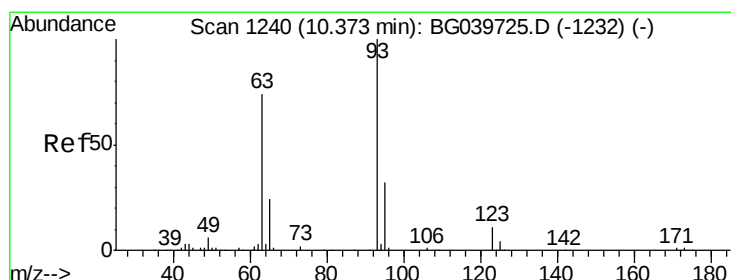
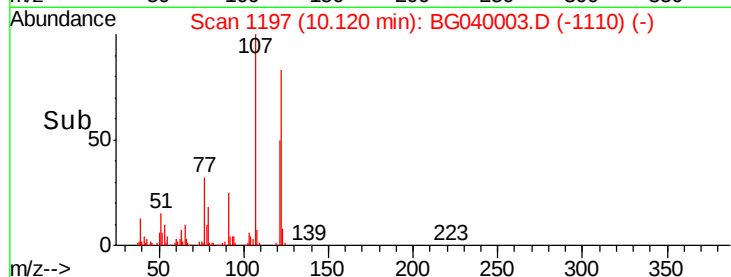
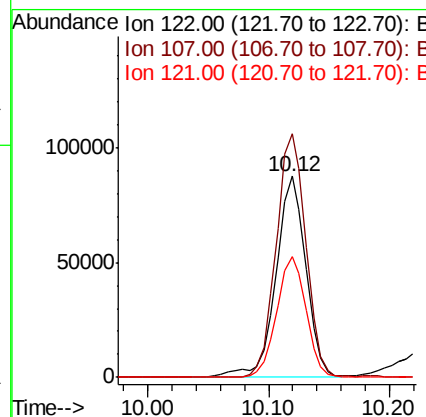
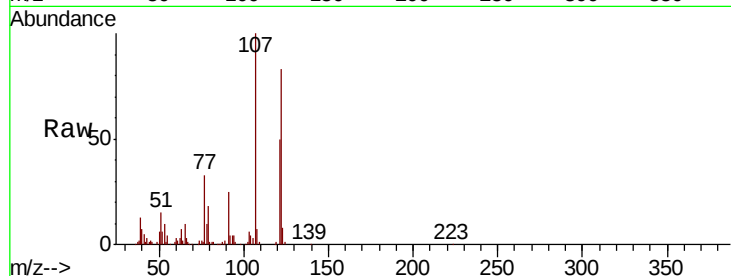




#27
 2,4-Dimethylphenol
 Concen: 45.555 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

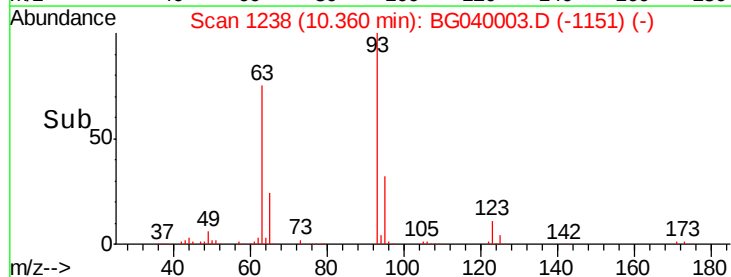
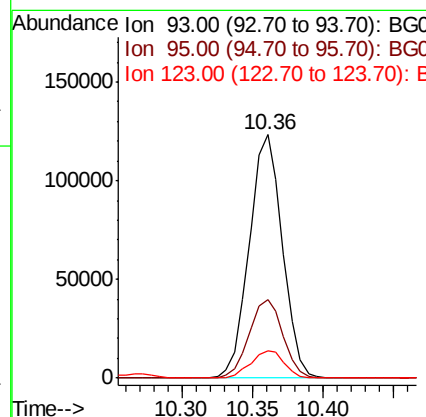
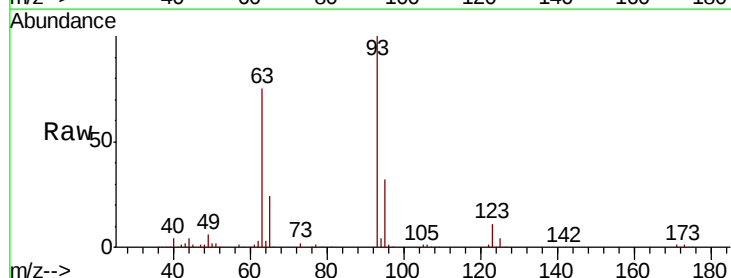
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

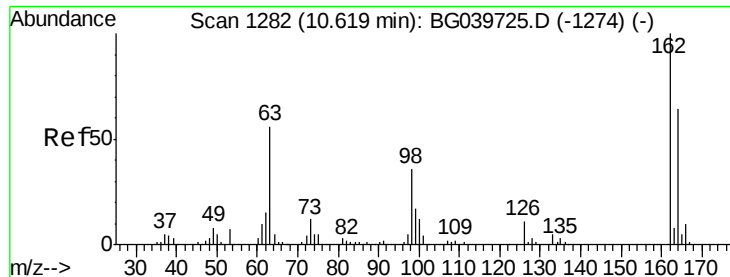
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.9	91.7	137.5
121	59.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.989 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.0	37.4
123	11.2	8.6	12.8

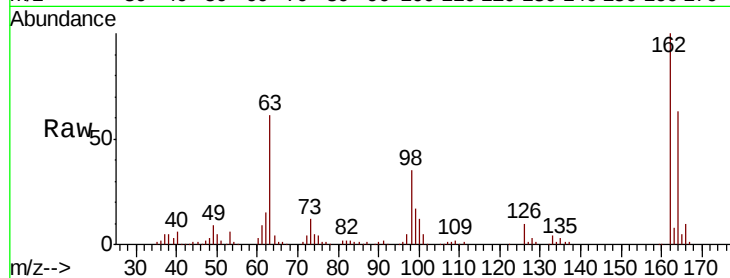




#29
 2,4-Dichlorophenol
 Concen: 43.012 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	48.1	88.1
98	35.4	18.1	58.1

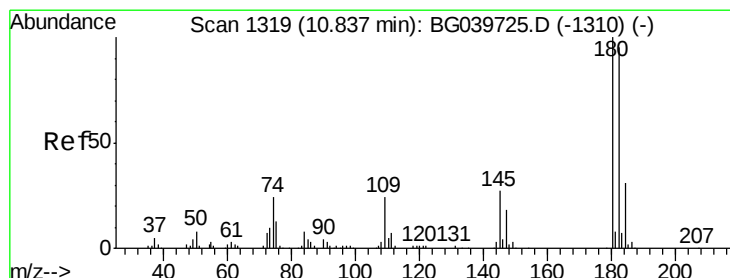
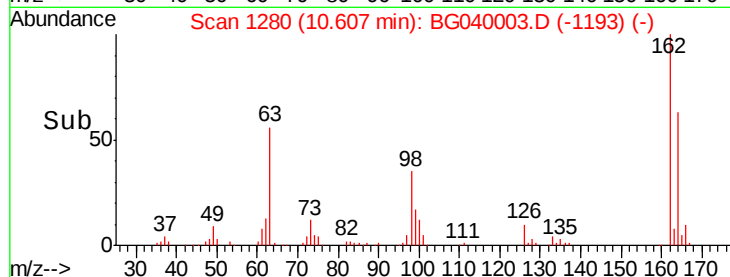
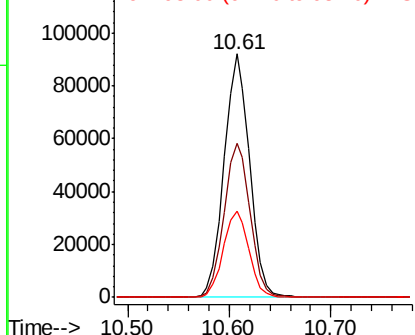


Abundance

Ion 162.00 (161.70 to 162.70): E

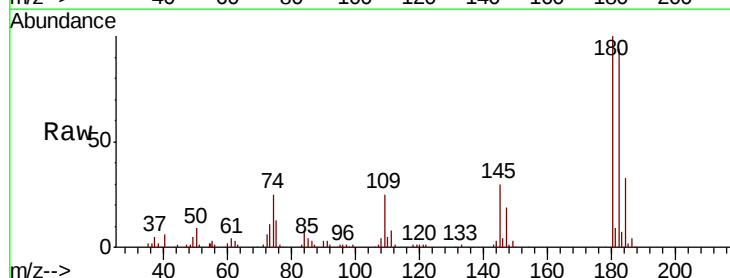
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.760 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	30.0	22.7	34.1

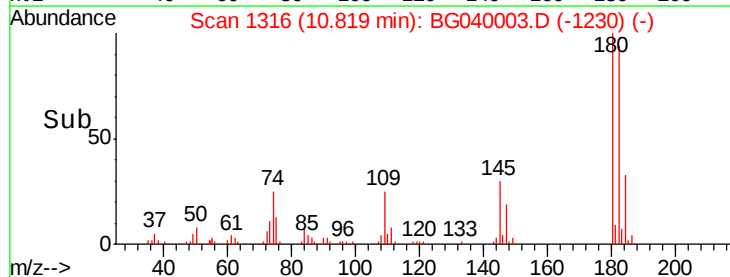
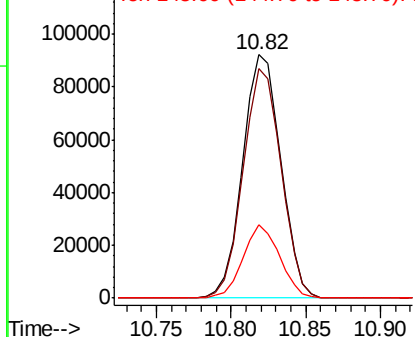


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

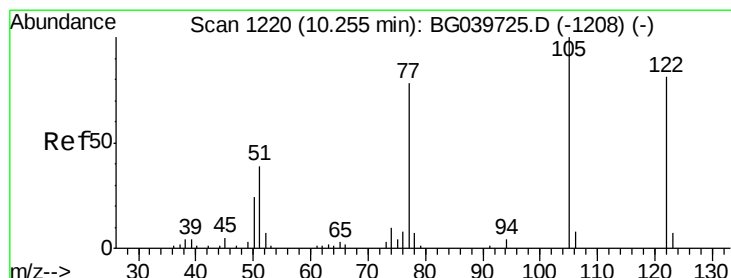
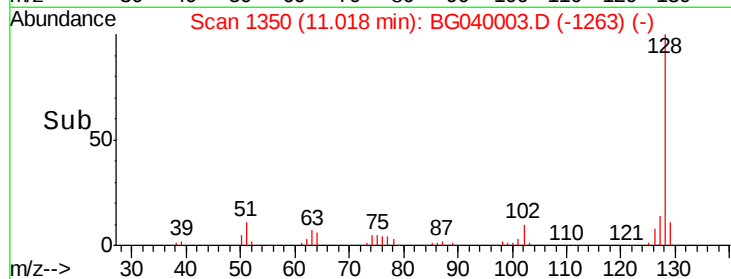
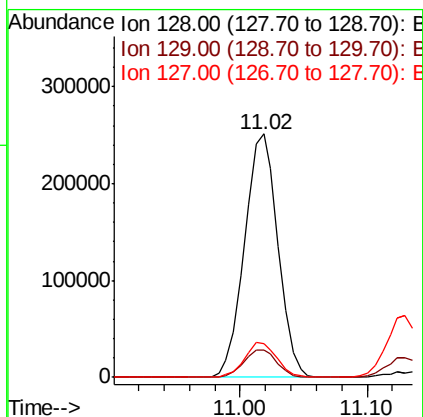
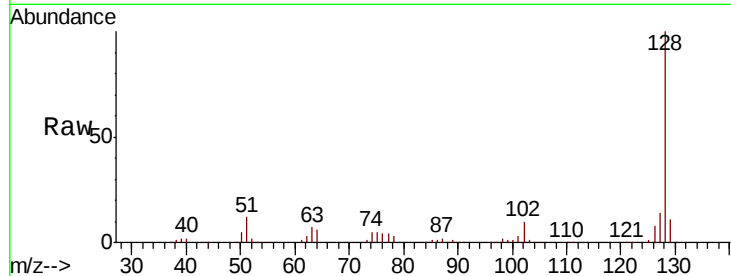




#31
Naphthalene
Concen: 38.198 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

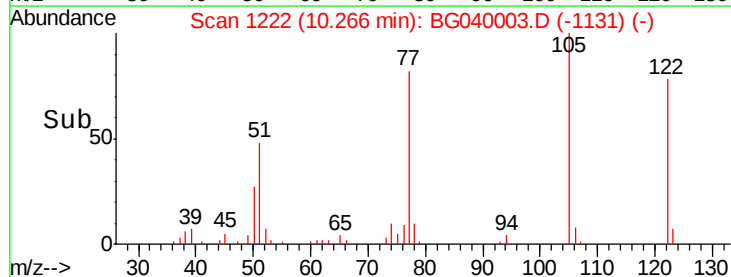
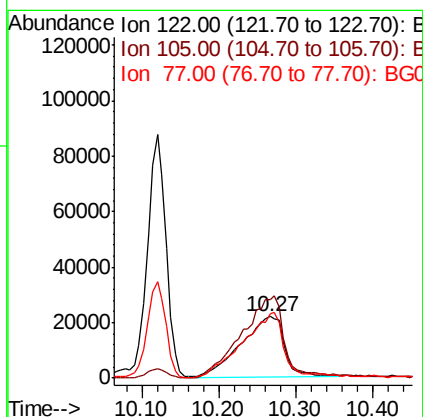
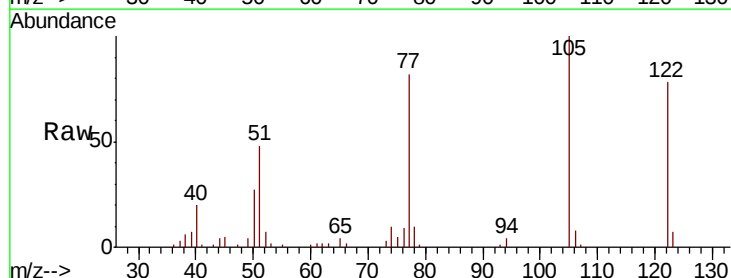
Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:128 Resp: 459910
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 39.324 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:122 Resp: 86288
Ion Ratio Lower Upper
122 100
105 127.8 101.8 141.8
77 104.9 76.3 116.3

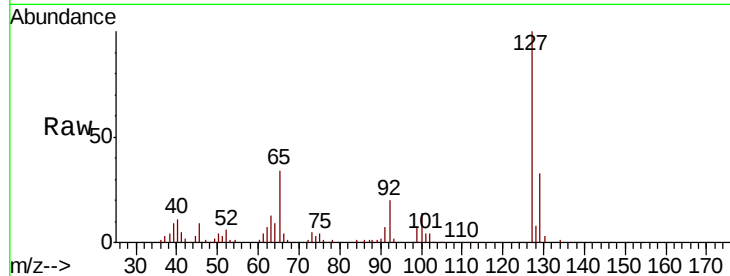




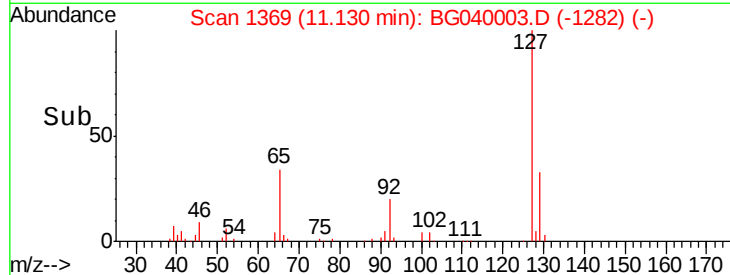
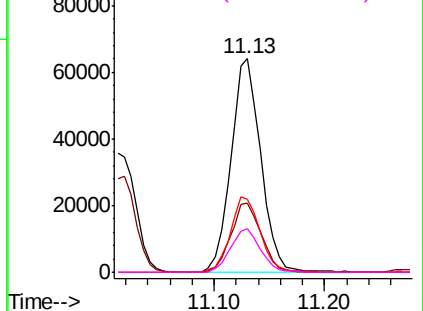
#33
4-Chloroaniline
Concen: 23.682 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:	127	Resp:	120910
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	34.4	28.8	43.2
92	20.1	16.6	25.0

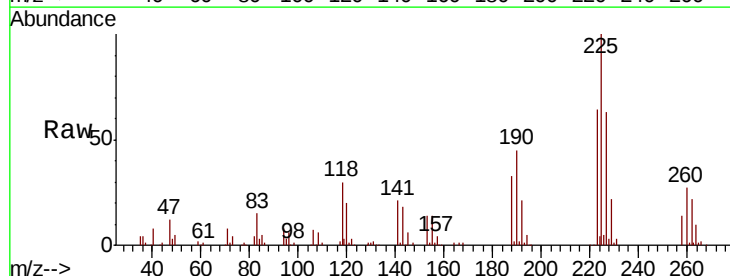


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

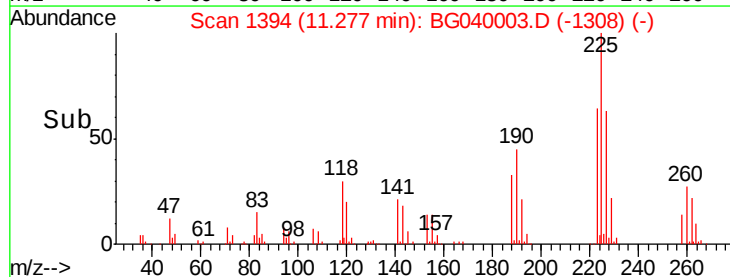
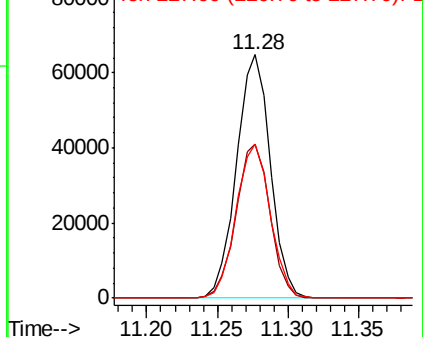


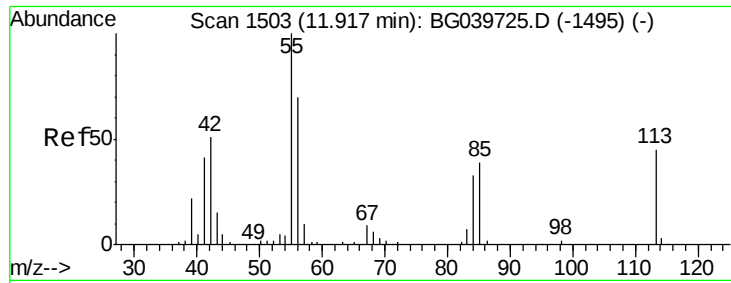
#34
Hexachlorobutadiene
Concen: 37.837 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:	225	Resp:	108503
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.6
227	63.1	46.3	69.5



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





#35

Caprolactam

Concen: 19.089 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

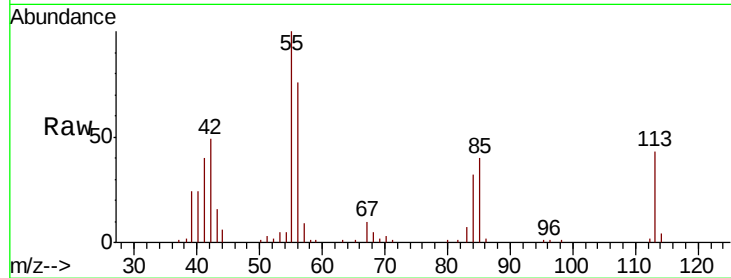
Tgt Ion:113 Resp: 27194

Ion Ratio Lower Upper

113 100

55 231.0 216.9 256.9

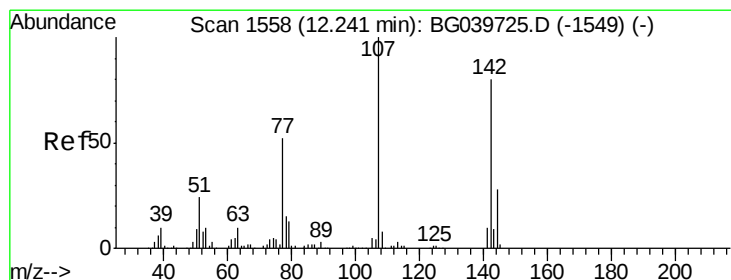
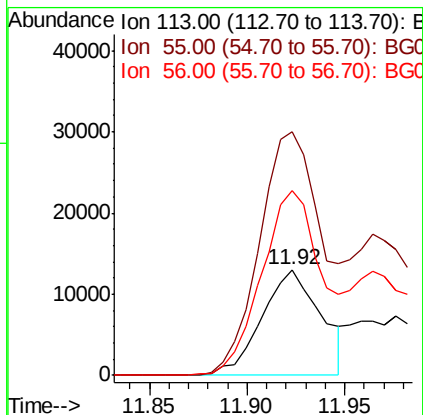
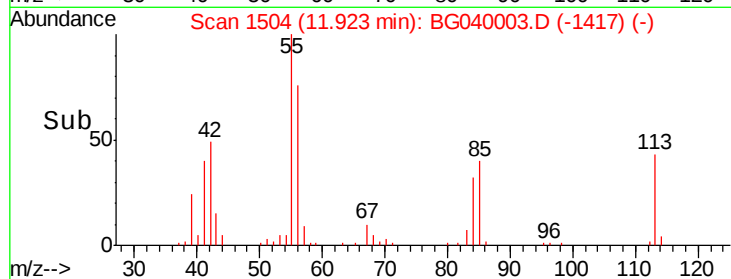
56 175.5 152.6 192.6



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: 40.446 ng

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

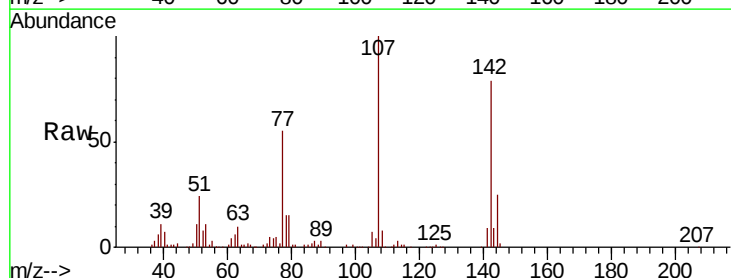
Tgt Ion:107 Resp: 172906

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

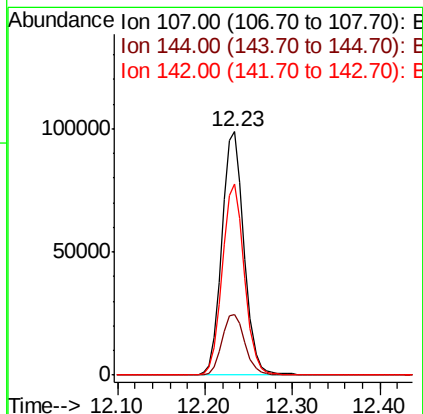
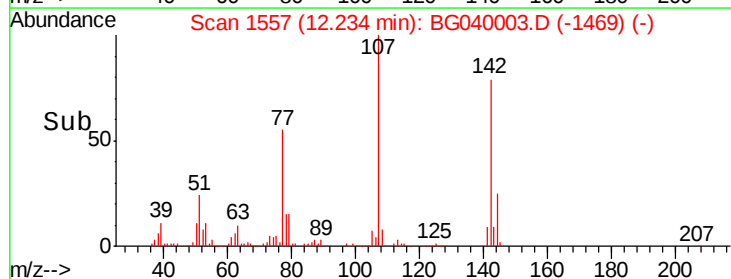
142 78.5 61.4 92.2

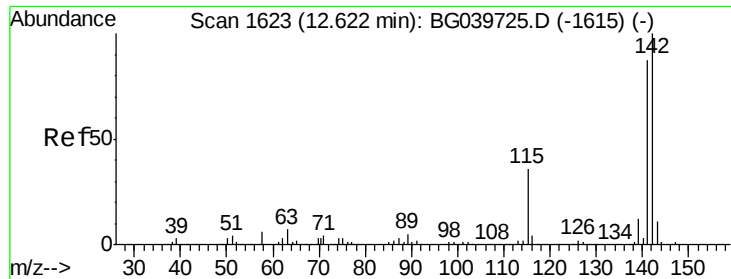


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

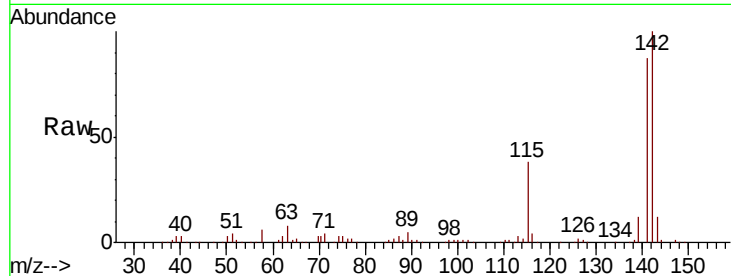




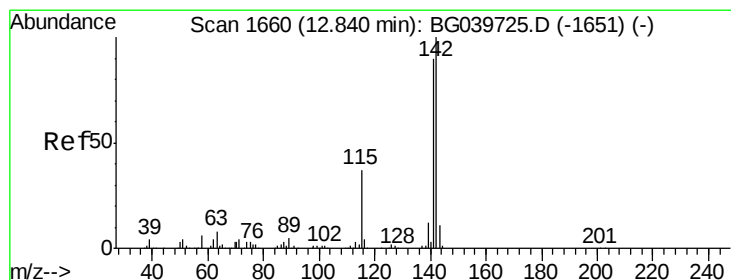
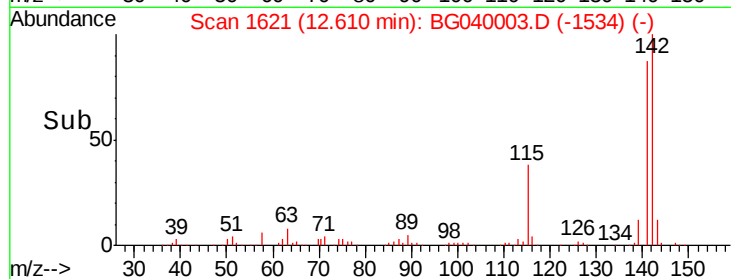
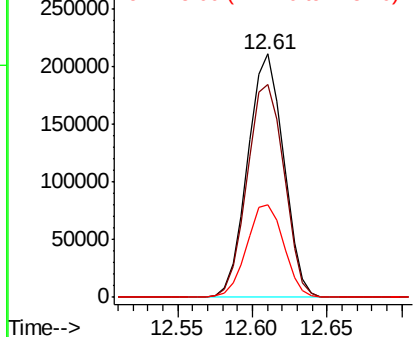
#37
2-Methylnaphthalene
Concen: 38.925 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampled :
PB118018BS

Tgt Ion:142 Resp: 350392
Ion Ratio Lower Upper
142 100
141 87.4 73.5 110.3
115 38.0 30.8 46.2

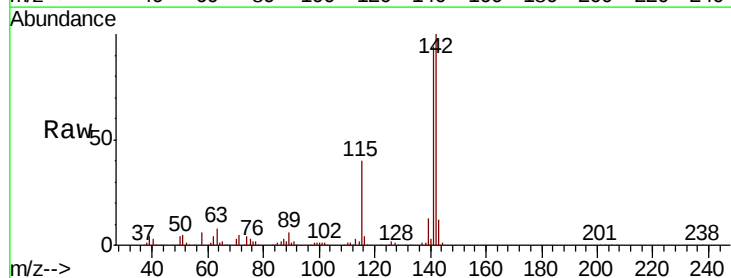


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

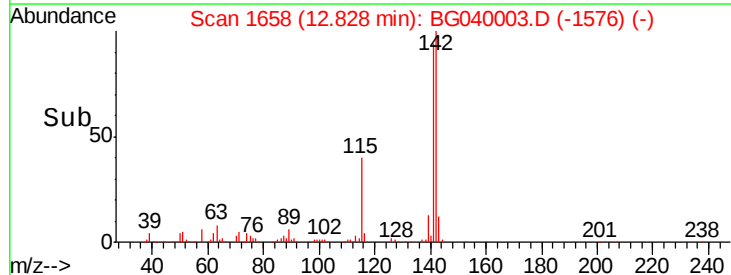
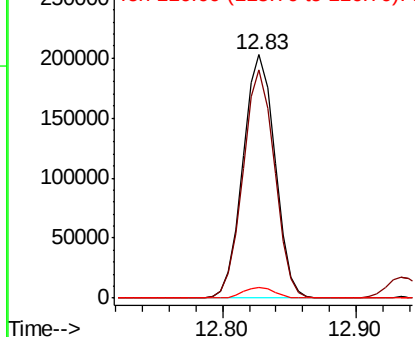


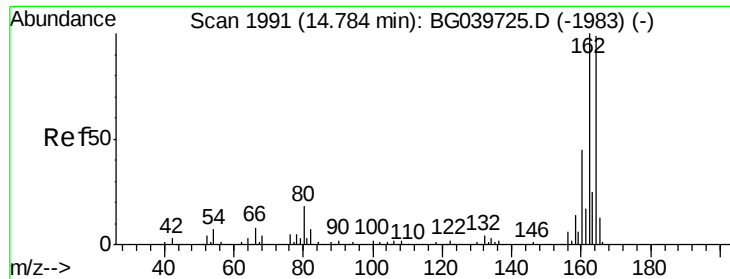
#38
1-Methylnaphthalene
Concen: 38.288 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:142 Resp: 334943
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

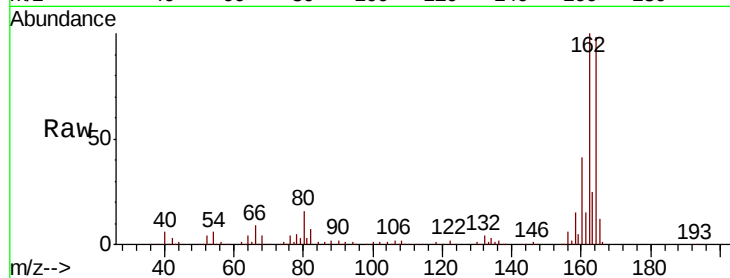
Tgt Ion:164 Resp: 154343

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 41.3 34.2 51.2

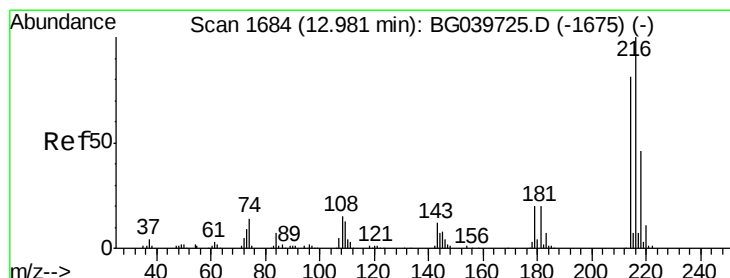
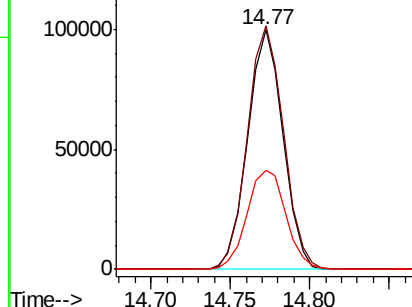
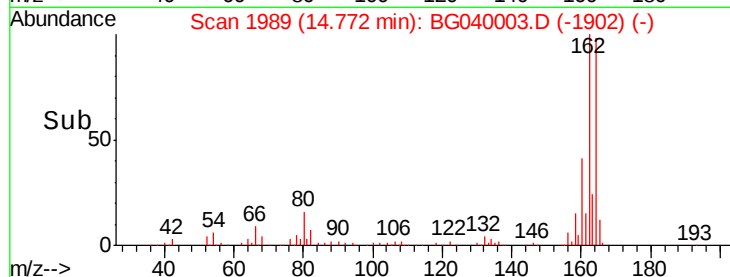


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.186 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Tgt Ion:216 Resp: 194437

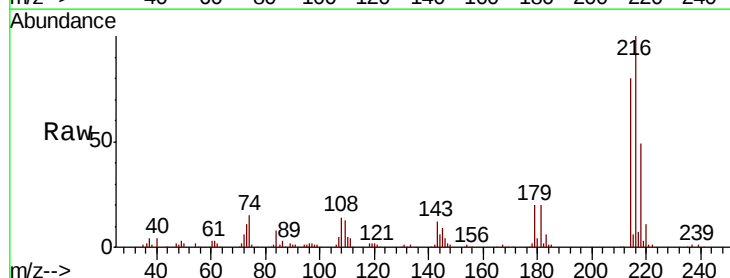
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 20.6 16.6 25.0

108 19.3 14.0 21.0



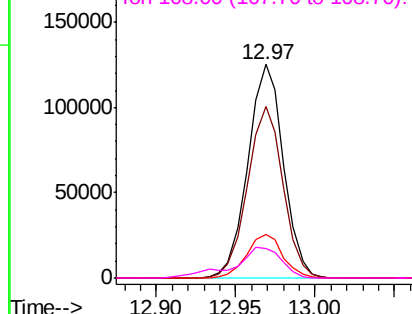
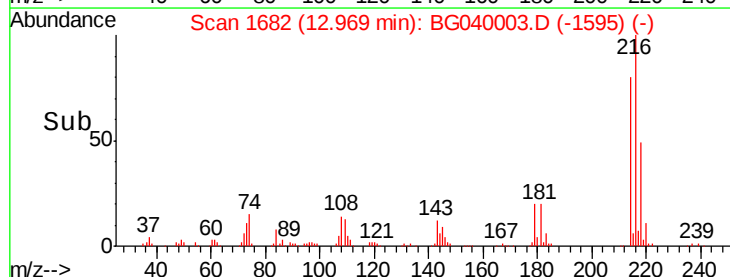
Abundance

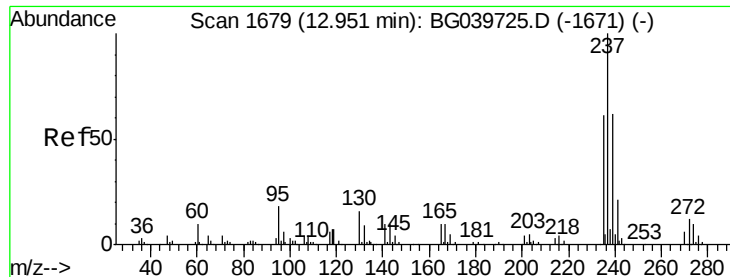
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.050 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

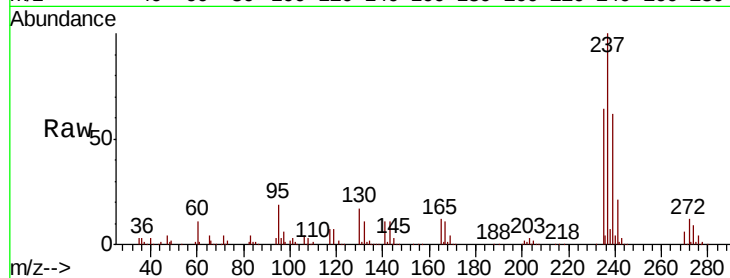
Tgt Ion:237 Resp: 266341

Ion Ratio Lower Upper

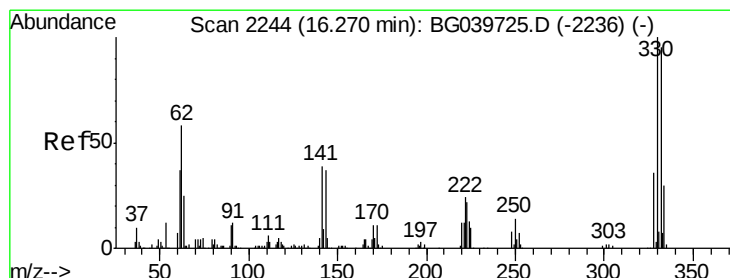
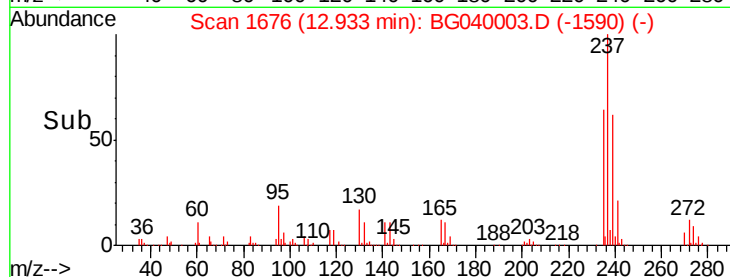
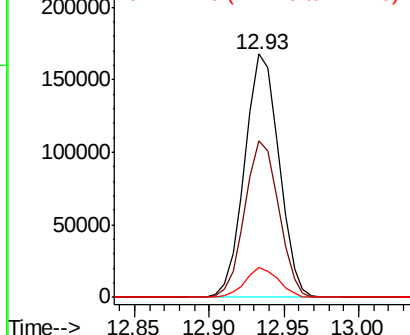
237 100

235 64.5 43.3 83.3

272 12.1 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 126.129 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

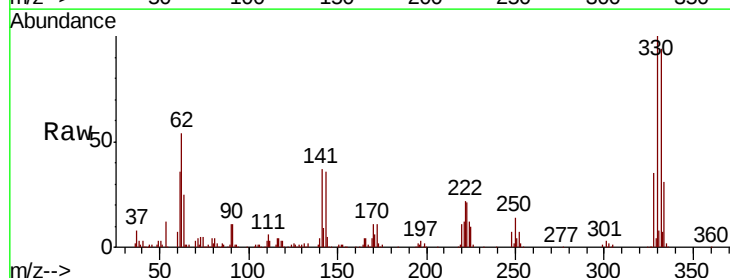
Tgt Ion:330 Resp: 226904

Ion Ratio Lower Upper

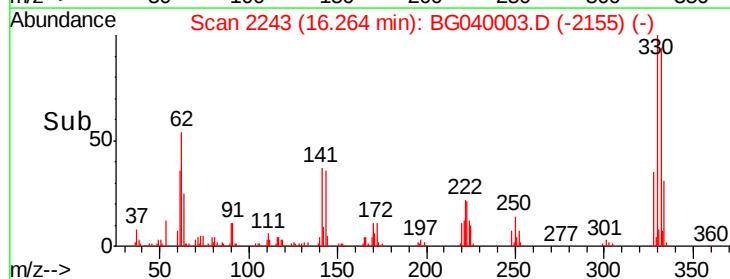
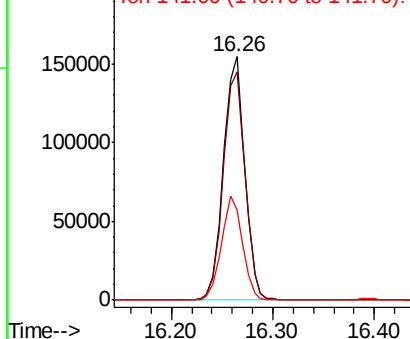
330 100

332 95.7 75.7 113.5

141 41.8 35.6 53.4



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

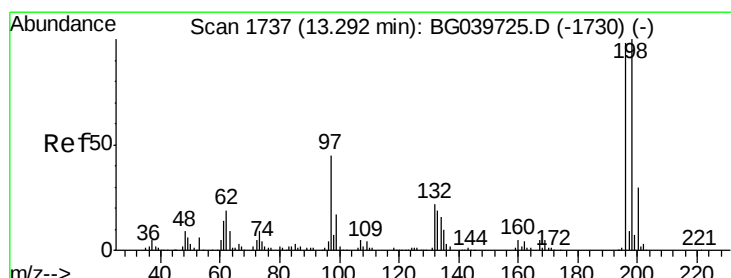
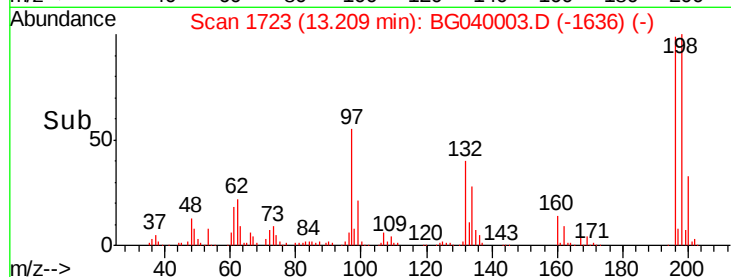
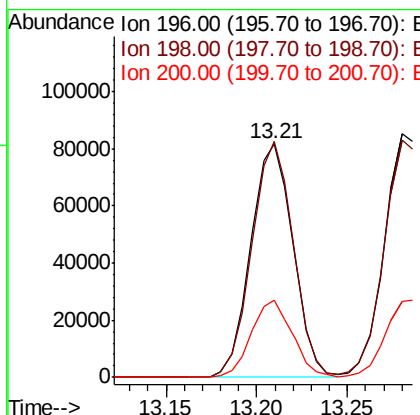
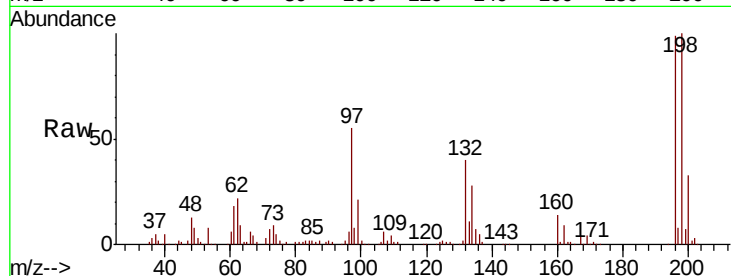




#43
 2,4,6-Trichlorophenol
 Concen: 43.279 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

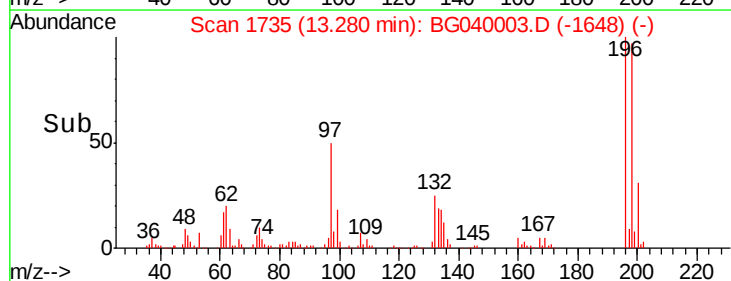
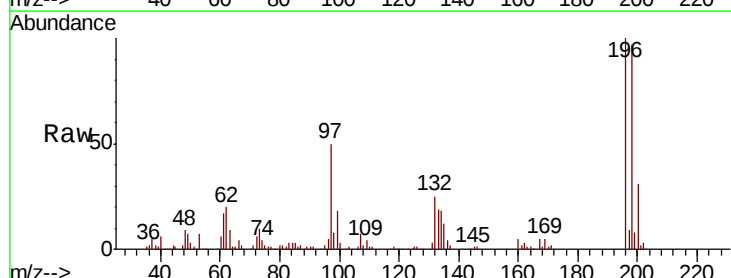
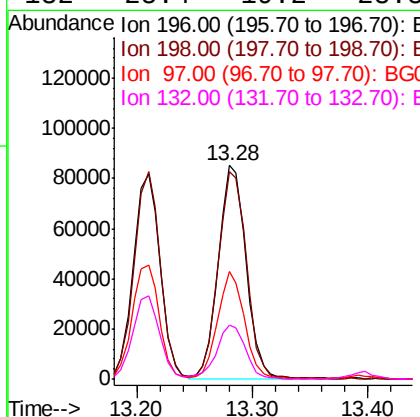
Instrument :
 BNA_G
 ClientSampled :
 PB118018BS

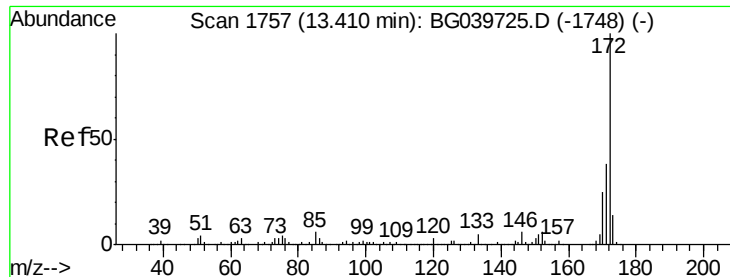
Tgt Ion:196 Resp: 132486
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.6 121.0
 200 33.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.060 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion:196 Resp: 141677
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.5 117.7
 97 50.2 38.4 57.6
 132 25.4 19.2 28.8

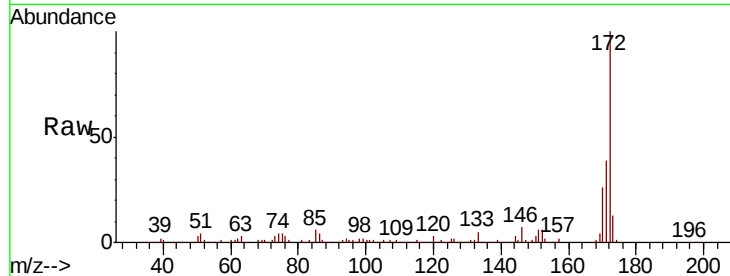




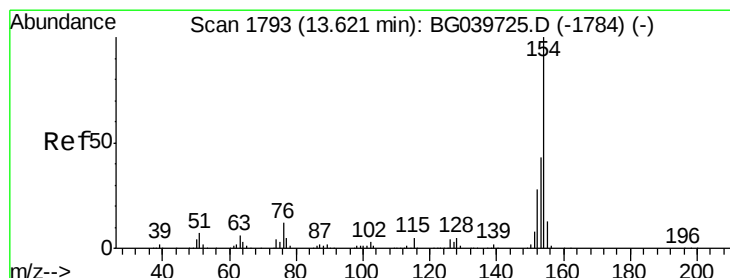
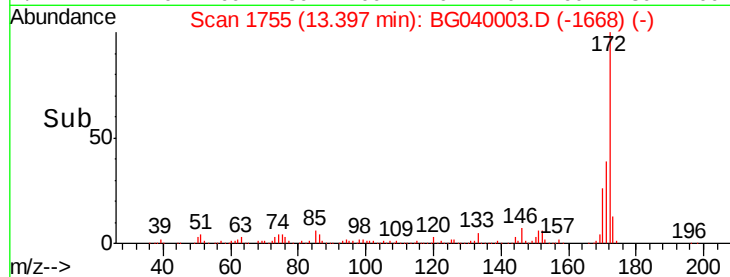
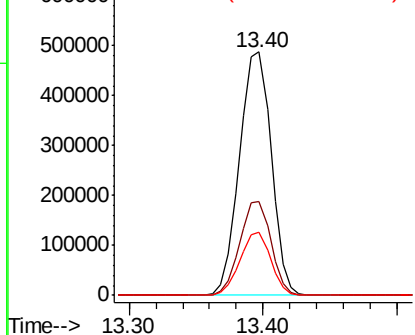
#45
 2-Fluorobiphenyl
 Concen: 74.144 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion:172 Resp: 803721
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.8 20.2 30.4

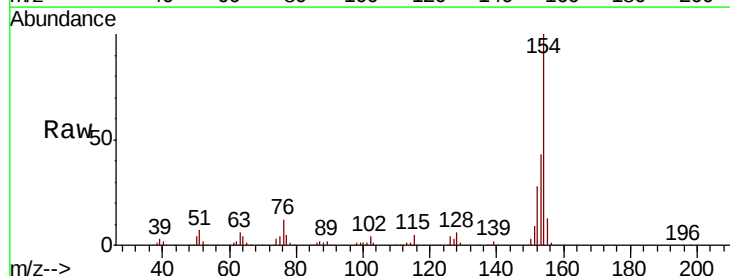


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

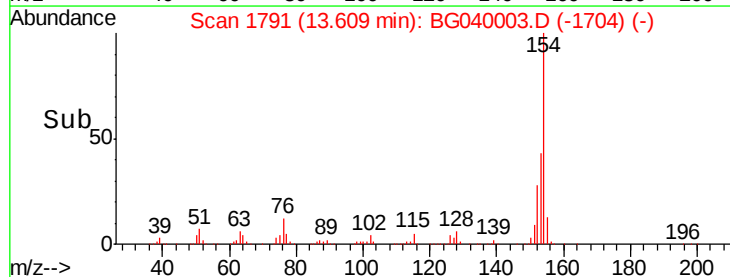
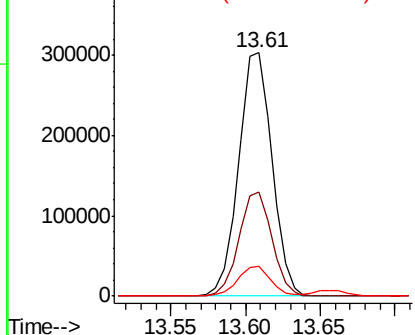


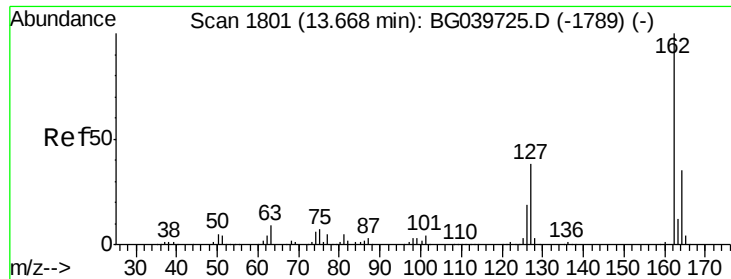
#46
 1,1'-Biphenyl
 Concen: 37.026 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion:154 Resp: 470032
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.1 62.1
 76 12.2 0.0 32.4



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): BG

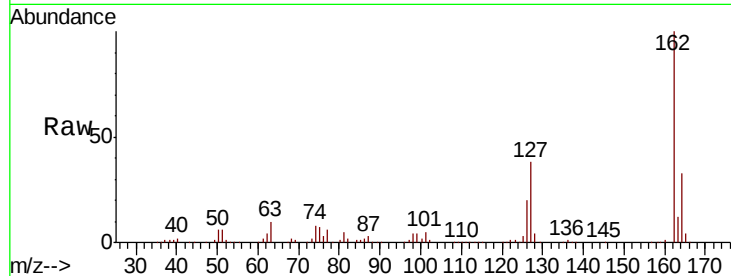




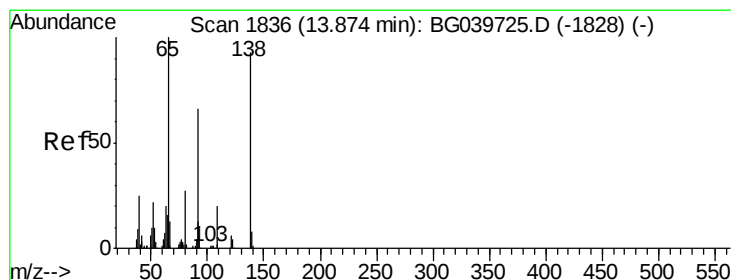
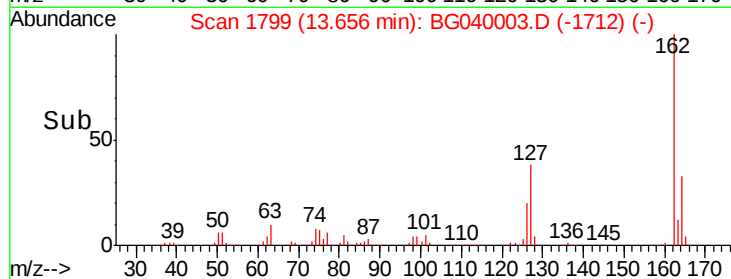
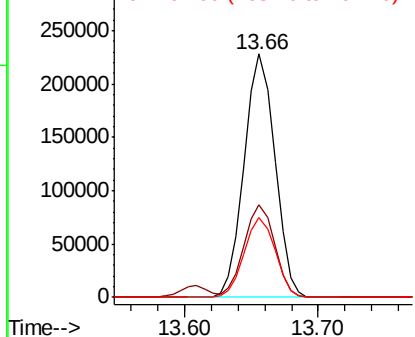
#47
 2-Chloronaphthalene
 Concen: 38.116 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.6
164	32.8	25.7	38.5

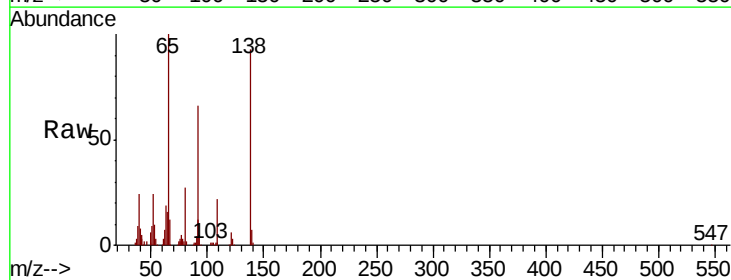


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

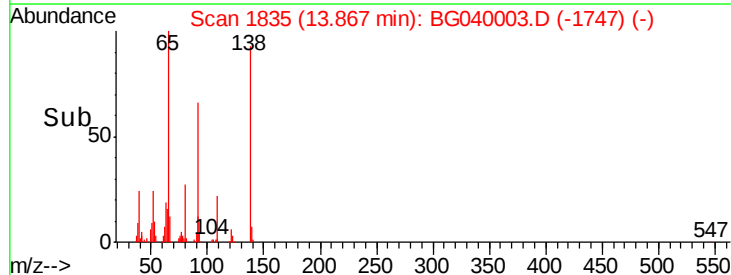
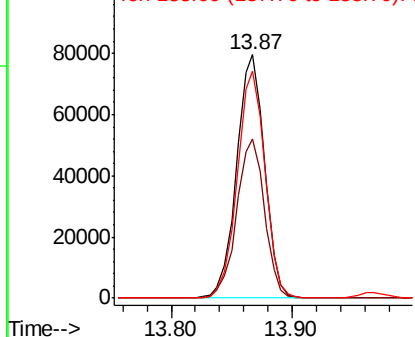


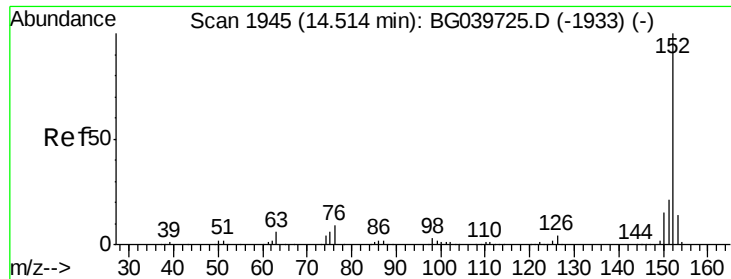
#48
 2-Nitroaniline
 Concen: 41.803 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.4	77.2
138	93.2	71.4	107.2



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





#49

Acenaphthylene

Concen: 37.012 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

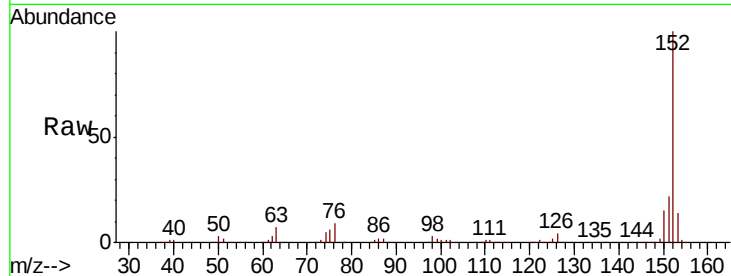
Tgt Ion:152 Resp: 580247

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

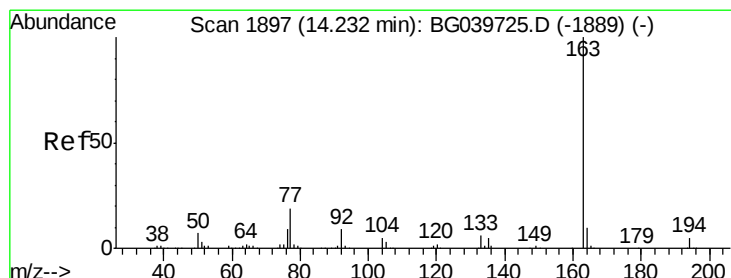
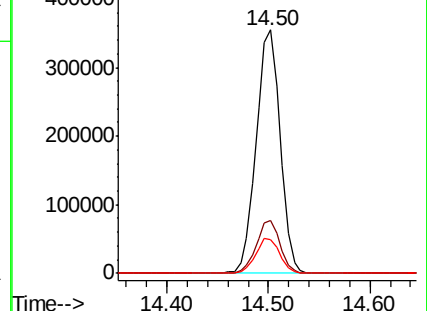
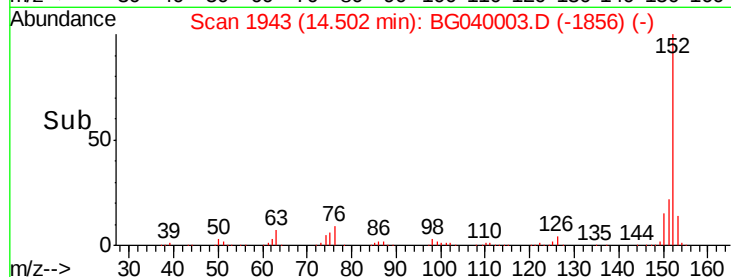
153 13.9 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.362 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

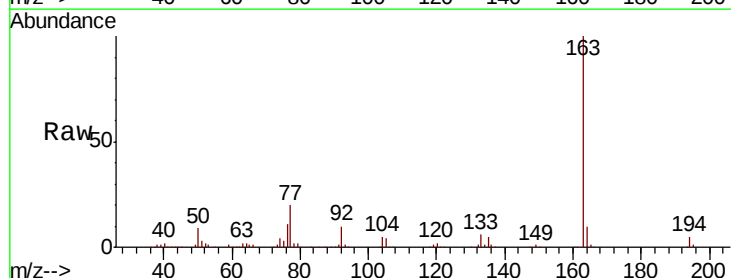
Tgt Ion:163 Resp: 482190

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

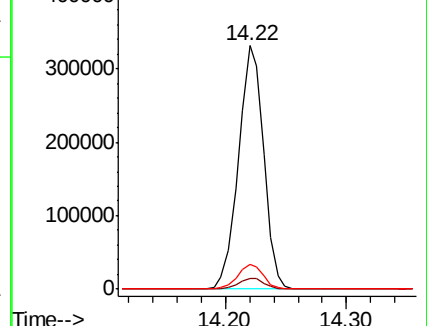
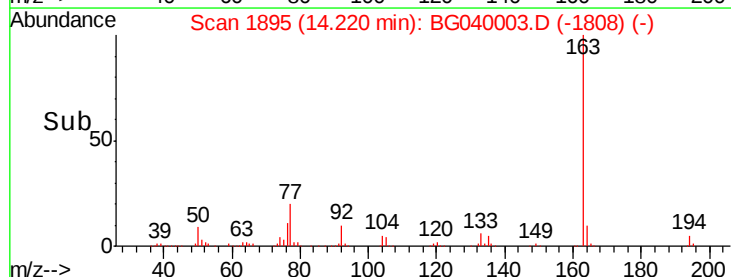
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

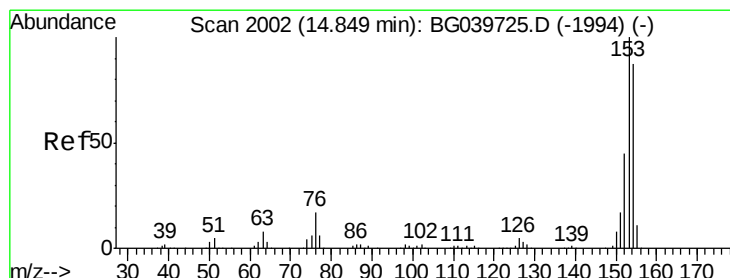
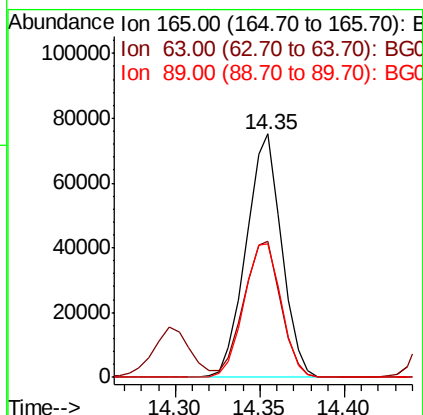
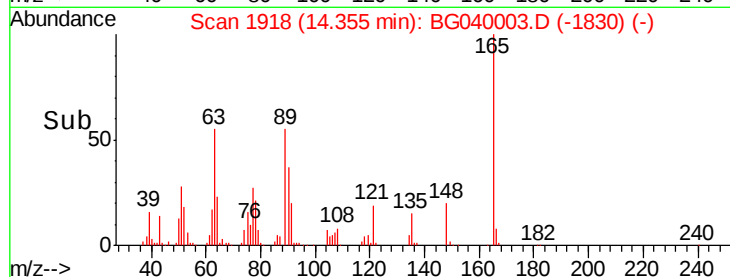
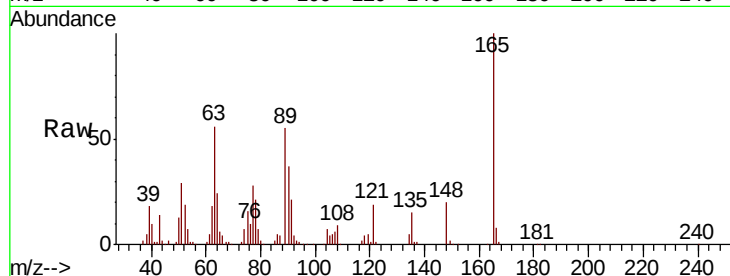




#51
 2,6-Dinitrotoluene
 Concen: 40.058 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

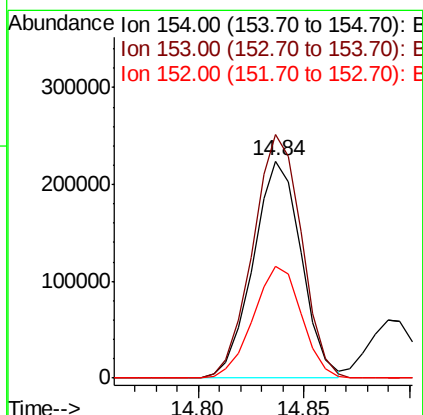
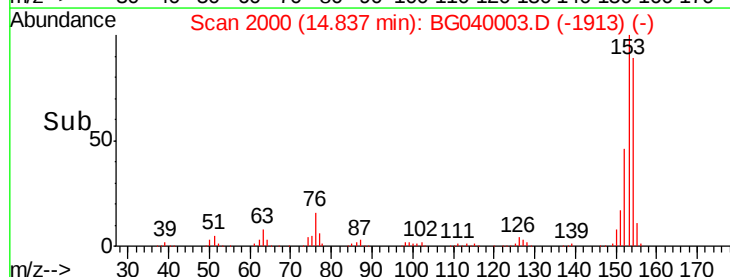
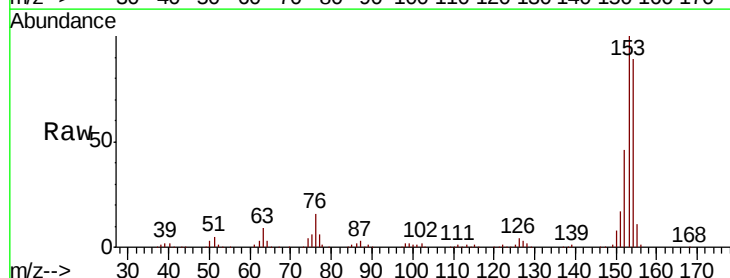
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

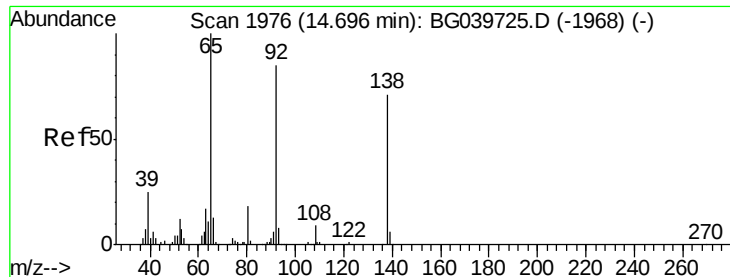
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	47.0	70.6
89	55.0	45.8	68.8



#52
 Acenaphthene
 Concen: 37.663 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	51.4	40.9	61.3





#53

3-Nitroaniline

Concen: 28.677 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

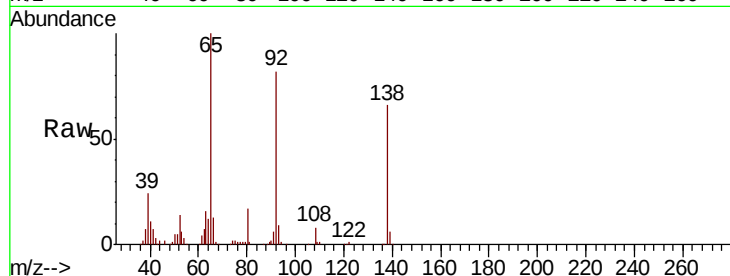
Tgt Ion:138 Resp: 78870

Ion Ratio Lower Upper

138 100

108 12.1 13.8 20.8#

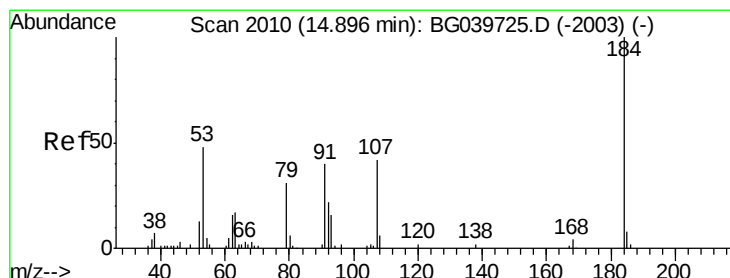
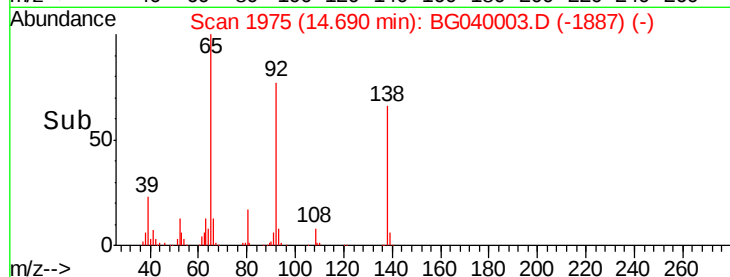
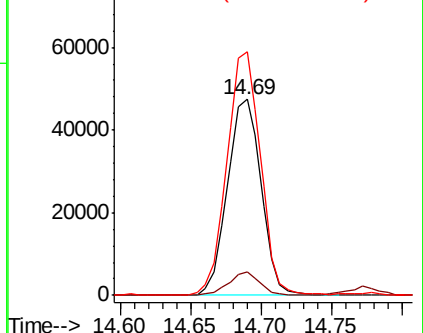
92 124.1 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 82.074 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

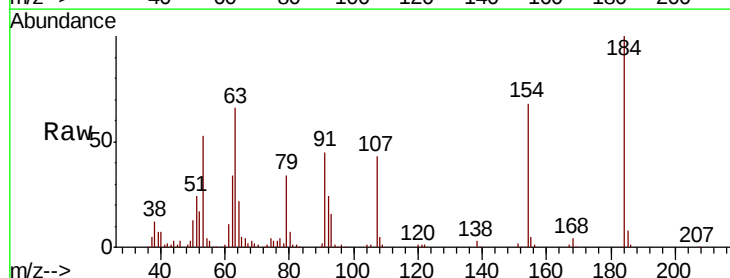
Tgt Ion:184 Resp: 141864

Ion Ratio Lower Upper

184 100

63 65.8 50.9 76.3

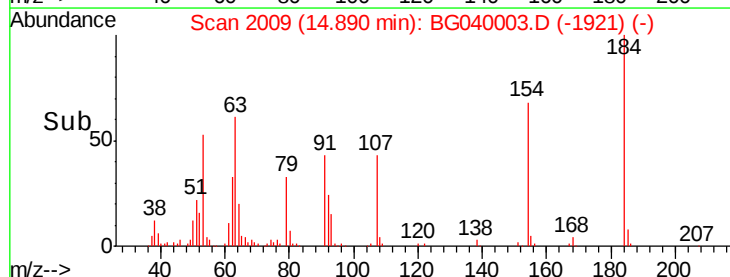
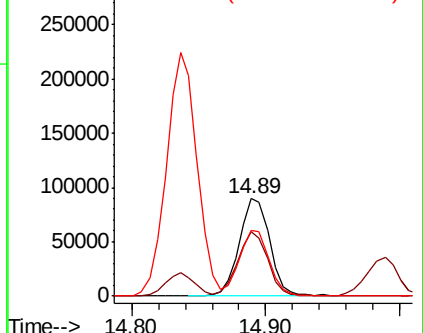
154 67.6 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.156 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

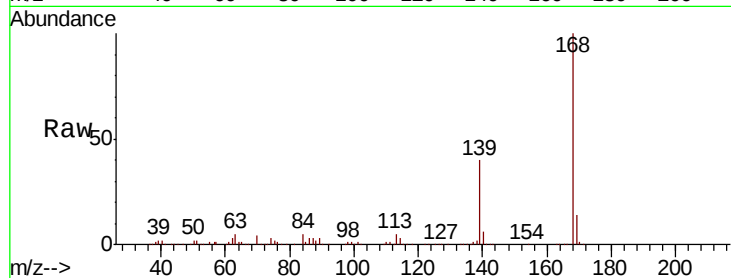
Tgt Ion:168 Resp: 575212

Ion Ratio Lower Upper

168 100

139 40.0 30.1 45.1

169 13.9 10.6 16.0

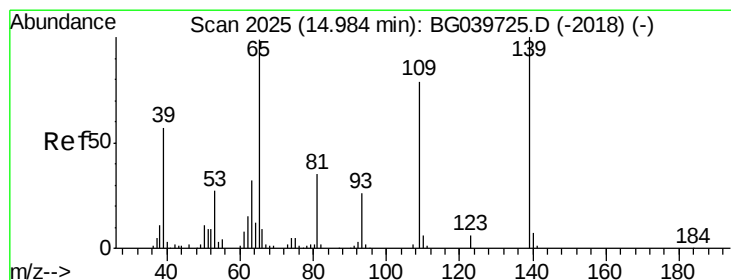
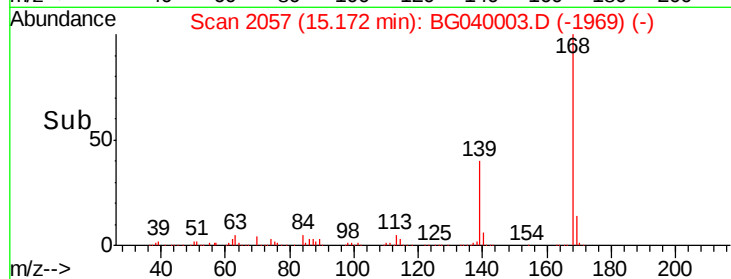
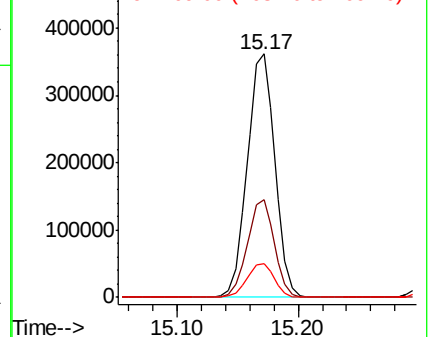


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.488 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

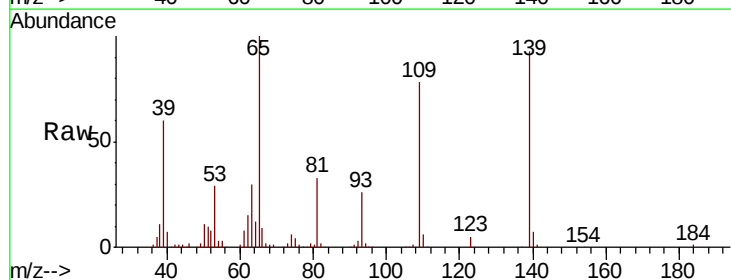
Tgt Ion:139 Resp: 178343

Ion Ratio Lower Upper

139 100

109 84.4 61.9 101.9

65 107.8 99.1 139.1

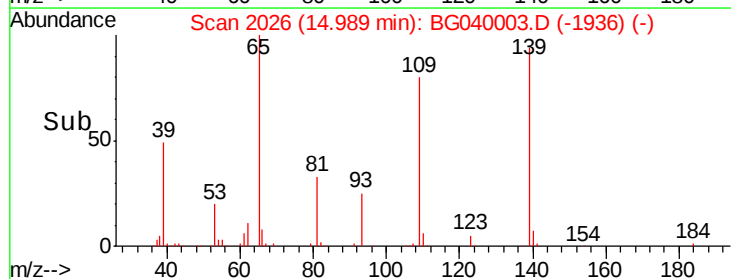
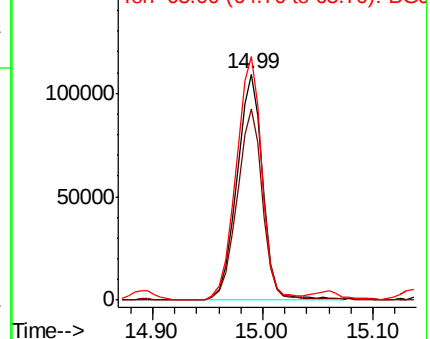


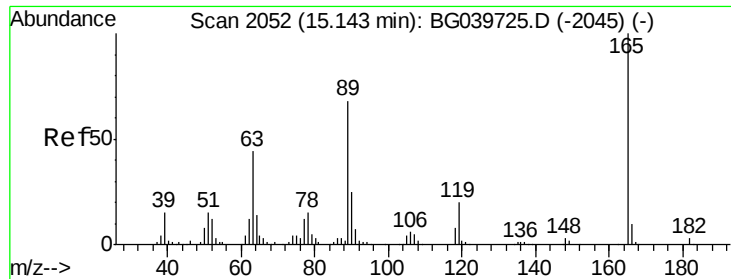
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

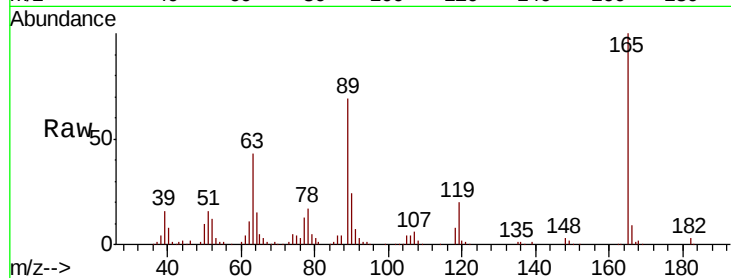




#57
2,4-Dinitrotoluene
Concen: 40.198 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	41.0	61.6
89	69.4	64.6	96.8
182	2.6	2.0	3.0



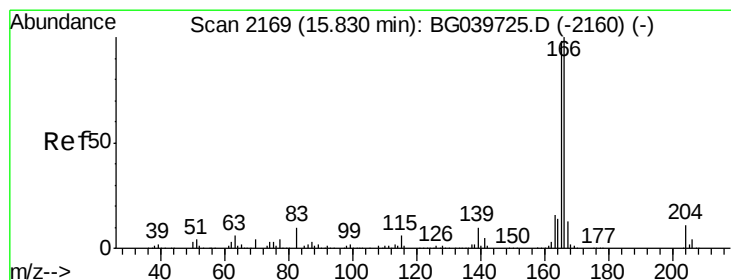
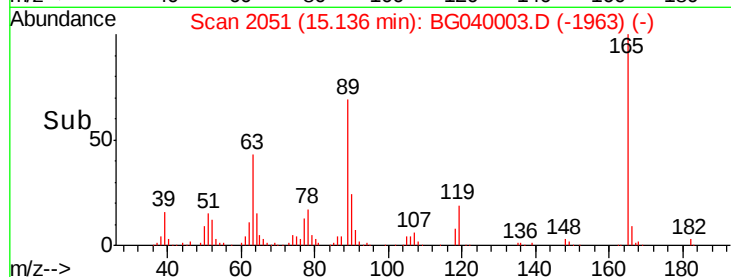
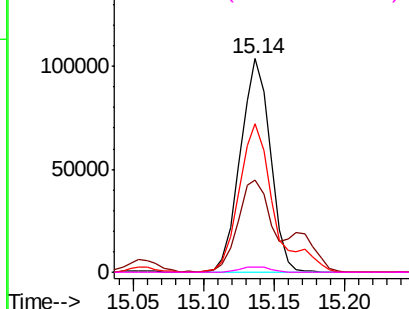
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

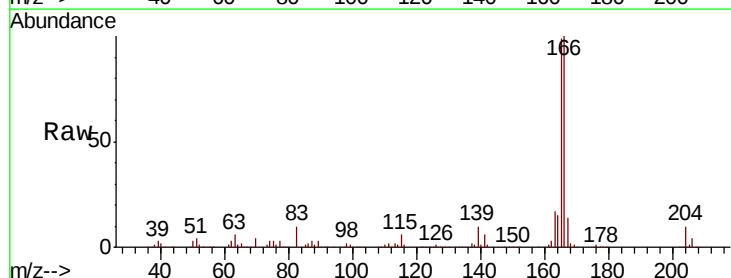
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.162 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	13.6	10.8	16.2

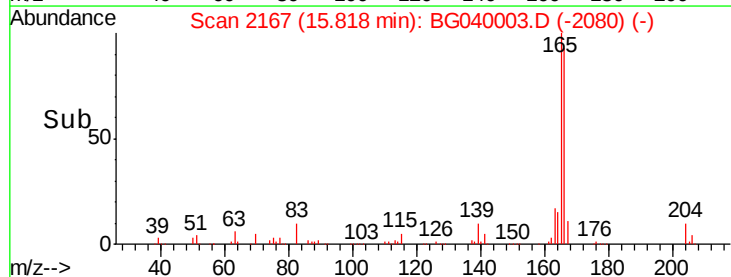
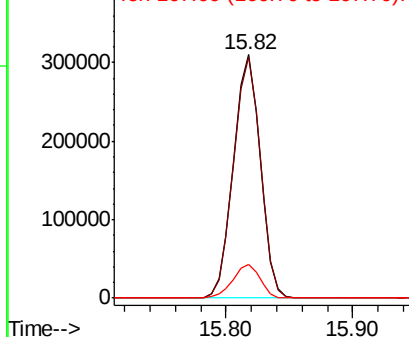


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

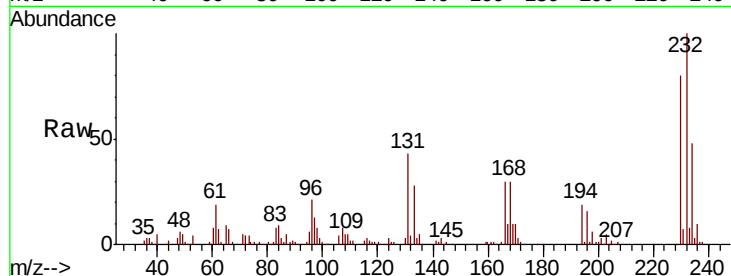




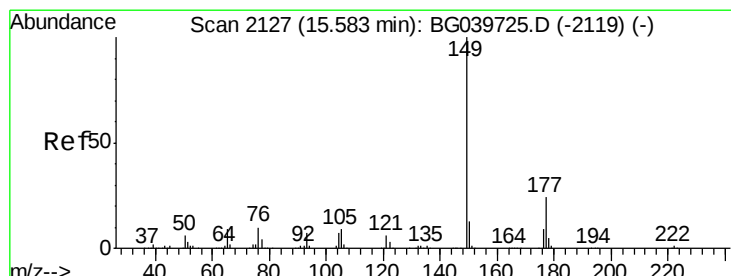
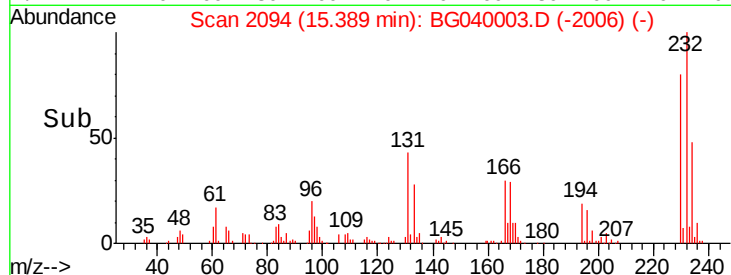
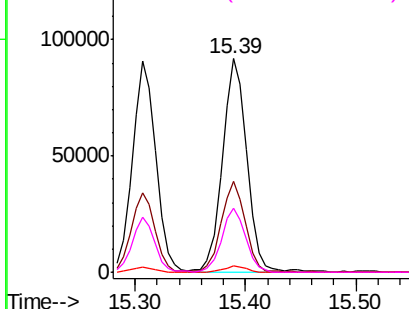
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.905 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion:	232	Resp:	141214
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.9	52.3
130	2.6	2.0	3.0
166	29.5	24.1	36.1

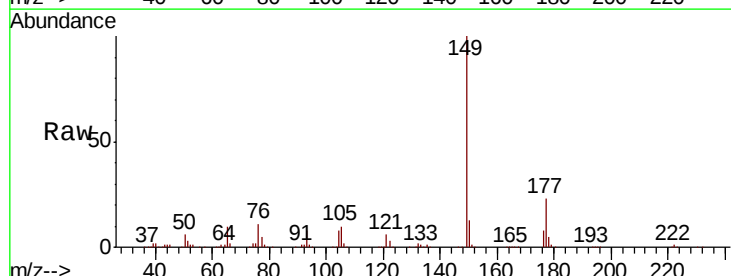


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

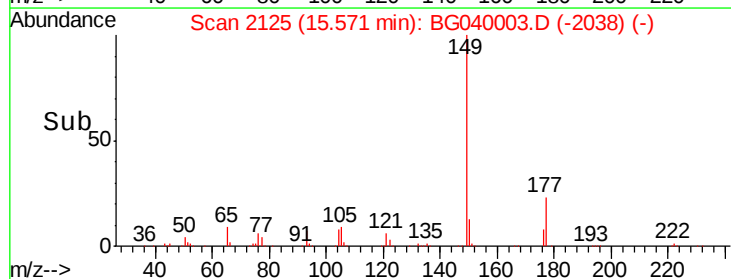
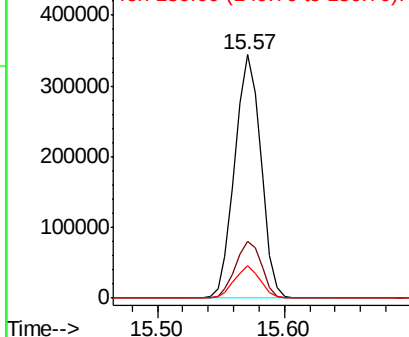


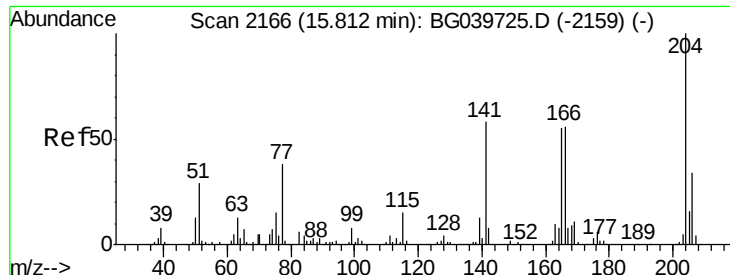
#60
Diethylphthalate
Concen: 38.280 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:	149	Resp:	489067
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.3	10.2	15.2



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

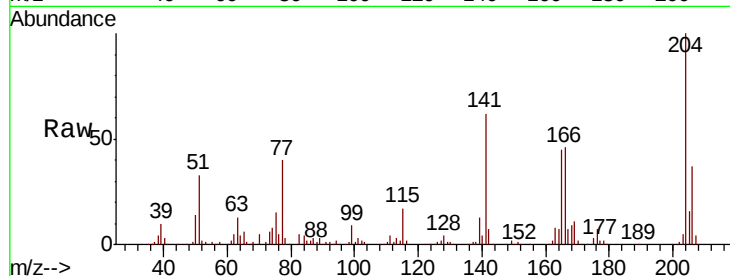




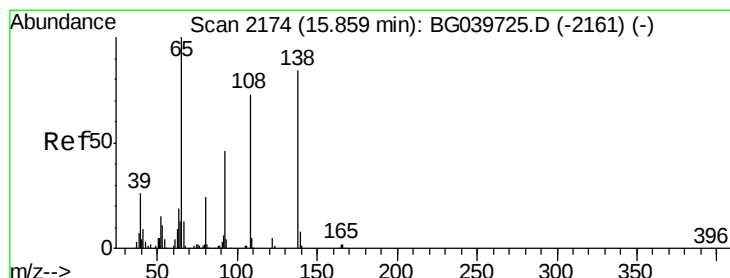
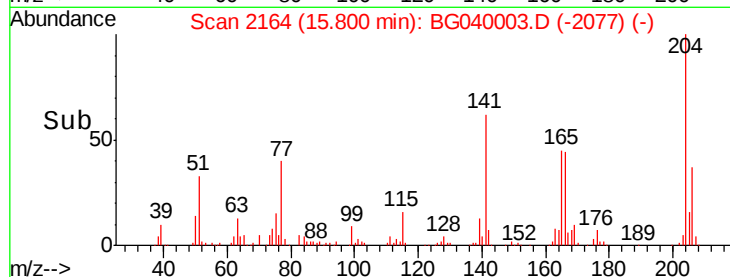
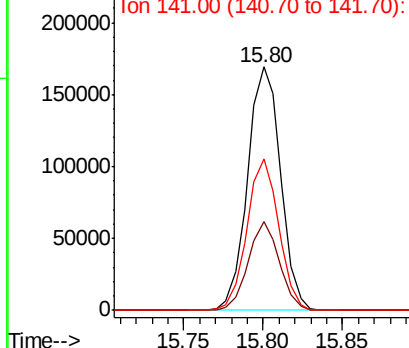
#61
 4-Chlorophenyl-phenylether
 Concen: 37.619 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion: 204 Resp: 244312
 Ion Ratio Lower Upper
 204 100
 206 36.6 29.2 43.8
 141 62.2 49.0 73.4

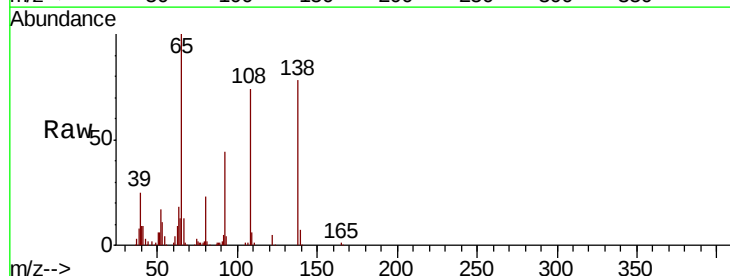


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

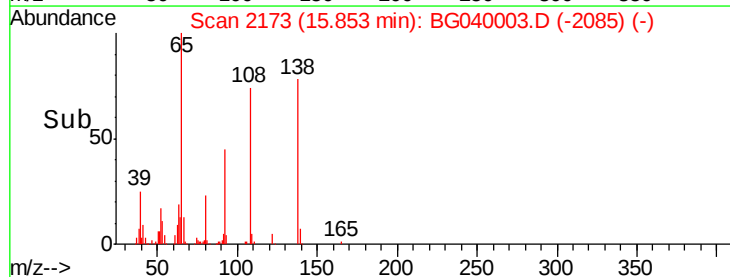
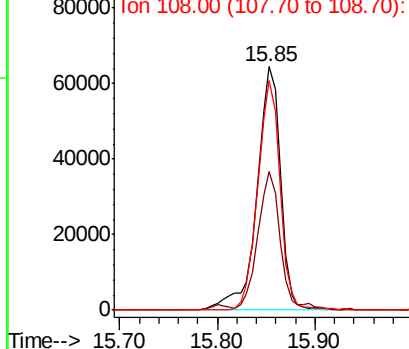


#62
 4-Nitroaniline
 Concen: 36.906 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion: 138 Resp: 110038
 Ion Ratio Lower Upper
 138 100
 92 57.0 38.7 78.7
 108 94.5 74.6 114.6



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





#63

Azobenzene

Concen: 38.514 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

Tgt Ion: 77 Resp: 446032

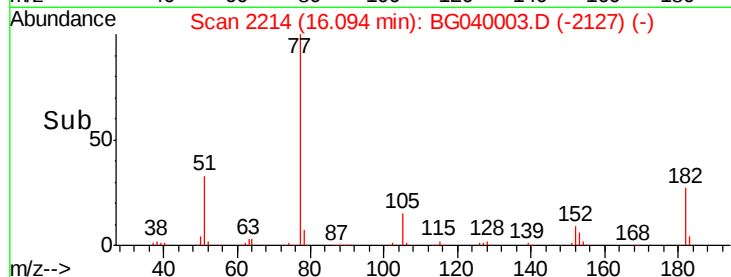
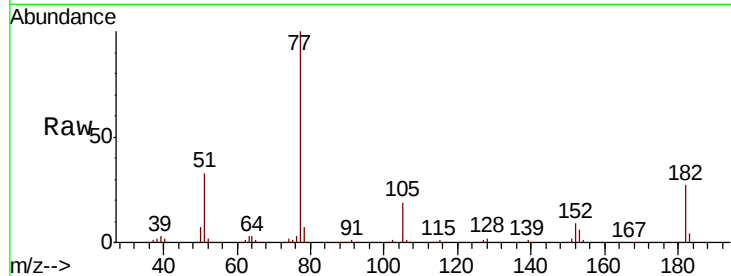
Ion Ratio Lower Upper

77 100

182 26.6 6.4 46.4

105 19.3 0.0 39.8

51 33.3 14.1 54.1

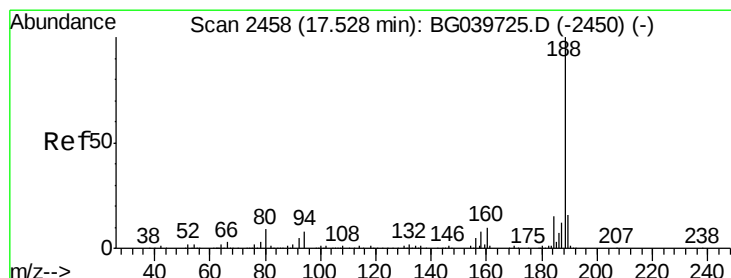
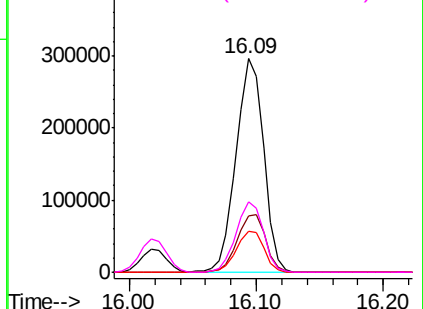


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

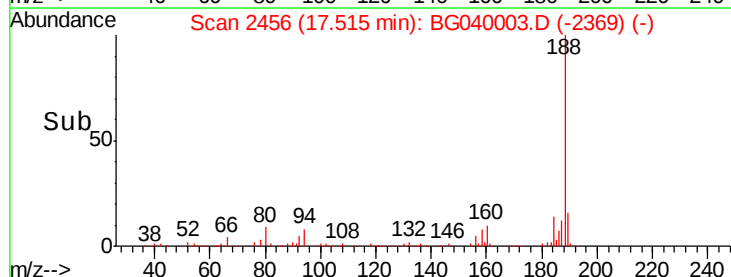
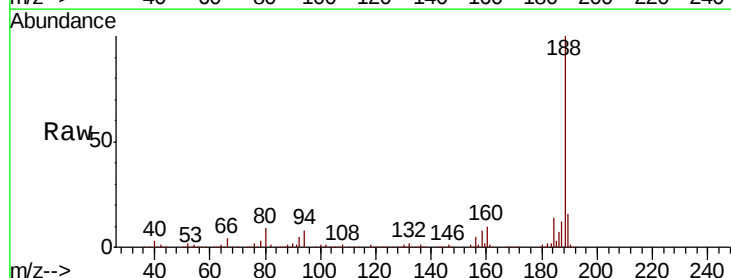
Tgt Ion: 188 Resp: 356891

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

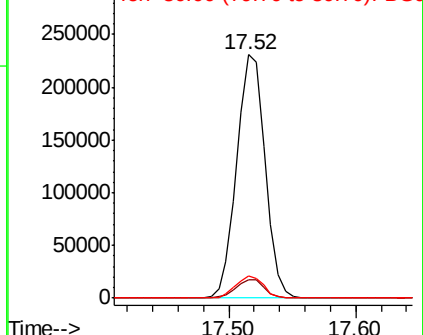
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.725 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

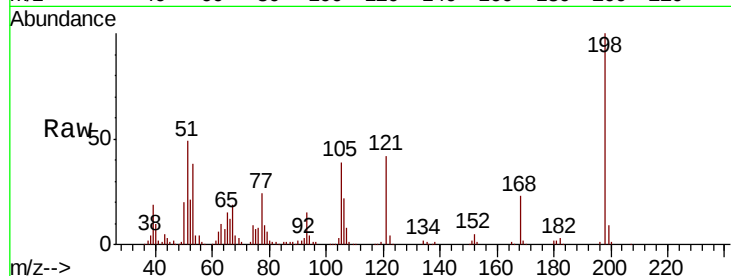
Tgt Ion:198 Resp: 94377

Ion Ratio Lower Upper

198 100

51 48.7 27.4 67.4

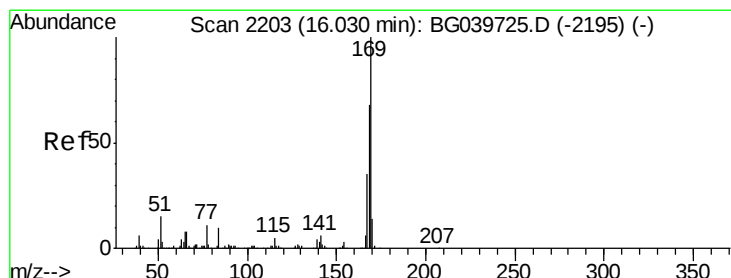
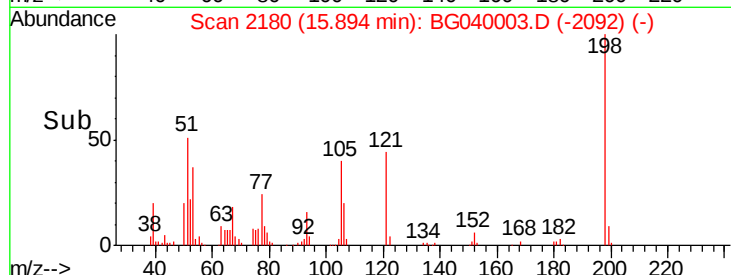
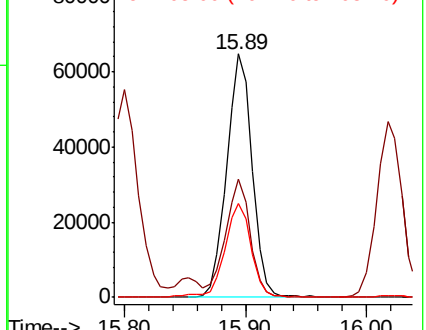
105 38.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.658 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

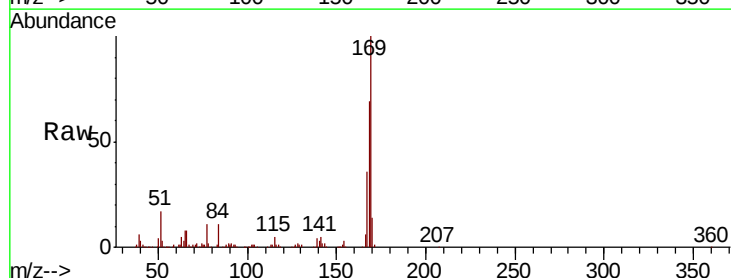
Tgt Ion:169 Resp: 420078

Ion Ratio Lower Upper

169 100

168 69.1 56.6 85.0

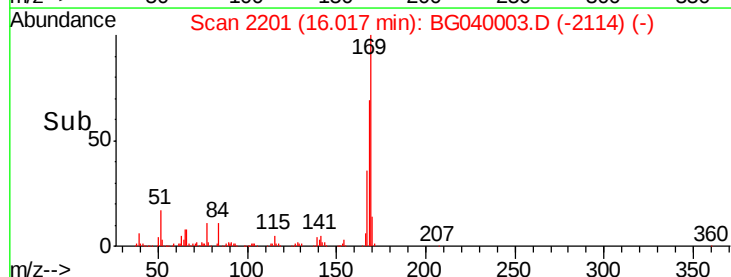
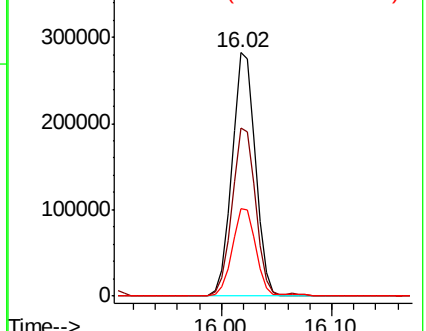
167 36.1 28.8 43.2

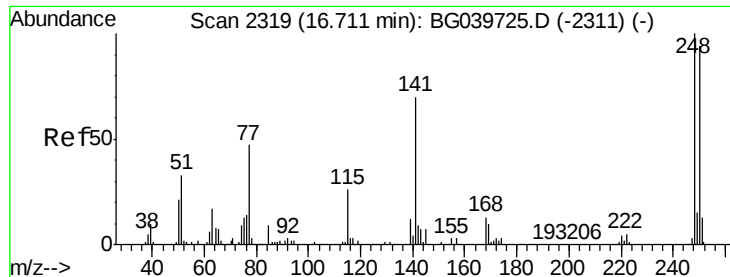


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.169 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

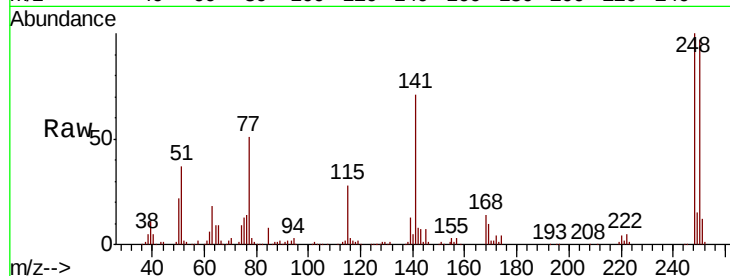
Tgt Ion:248 Resp: 156473

Ion Ratio Lower Upper

248 100

250 97.3 77.6 116.4

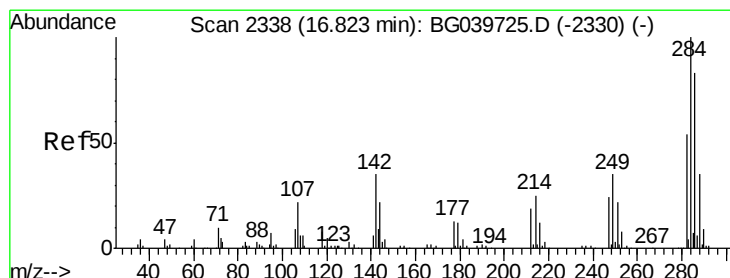
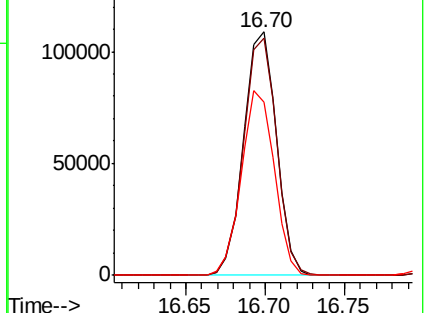
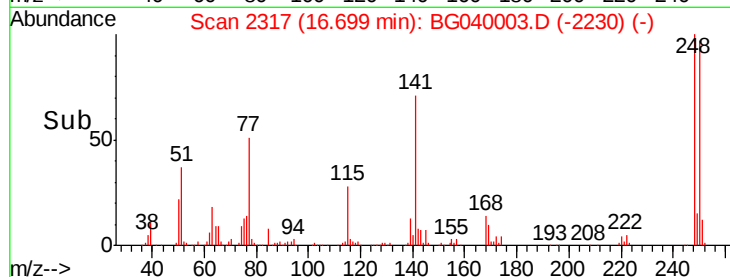
141 71.1 63.9 95.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.260 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

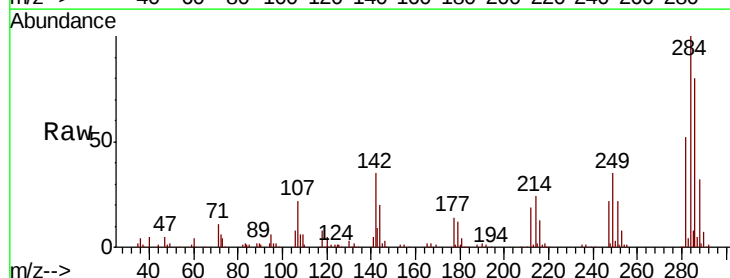
Tgt Ion:284 Resp: 162570

Ion Ratio Lower Upper

284 100

142 35.1 30.6 45.8

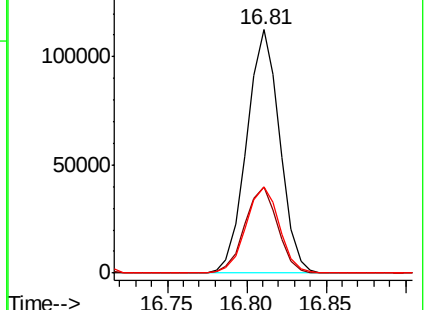
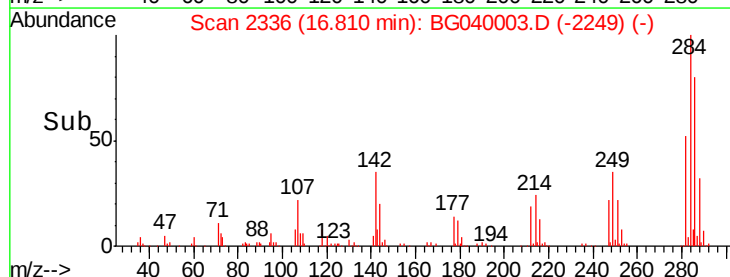
249 35.2 28.2 42.2

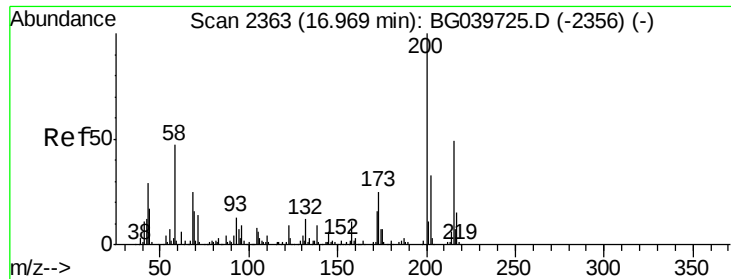


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.698 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

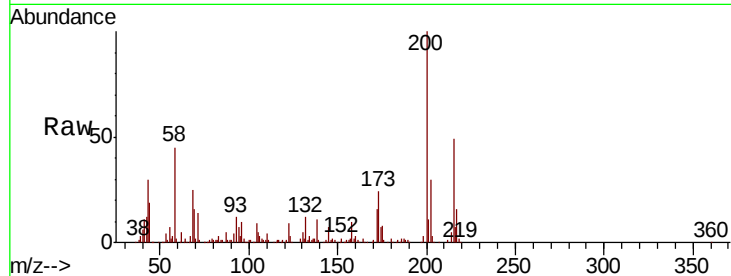
Instrument :

BNA_G

ClientSampleId :

PB118018BS

Tgt Ion:	200	Resp:	153292
Ion Ratio	Lower	Upper	
200	100		
173	23.7	3.9	43.9
215	49.5	30.9	70.9

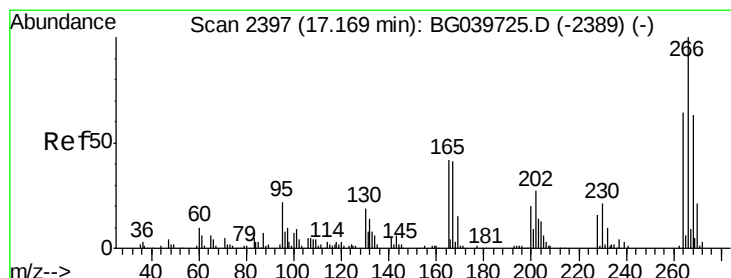
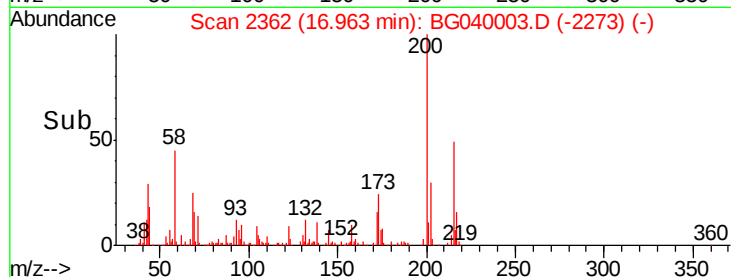
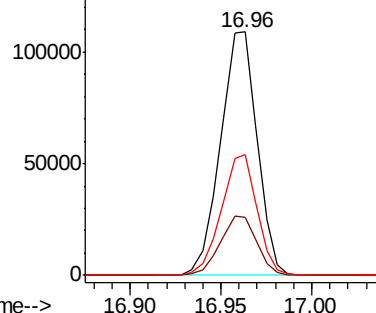


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.493 ng

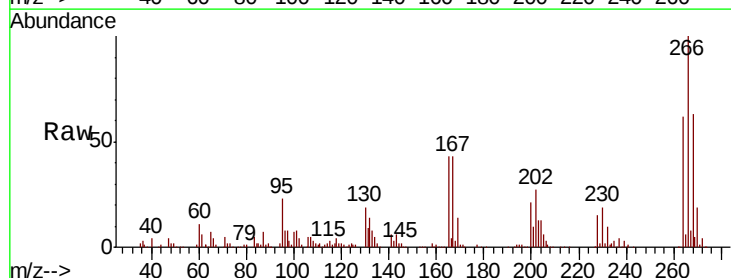
RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Tgt Ion:	266	Resp:	205273
Ion Ratio	Lower	Upper	
266	100		
268	63.0	51.1	76.7
264	62.0	52.1	78.1

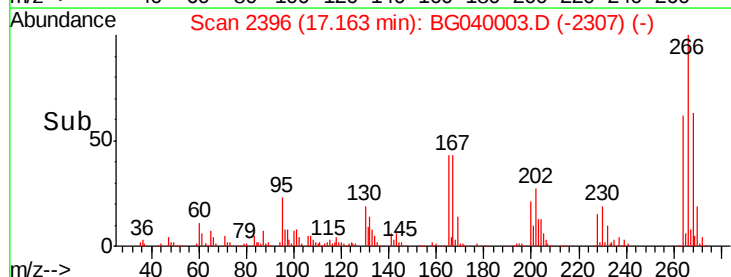
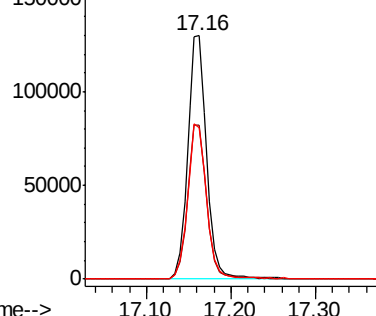


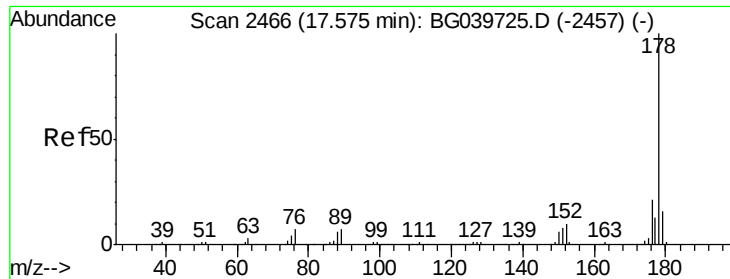
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

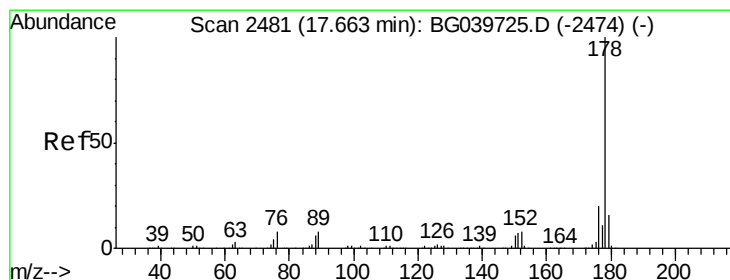
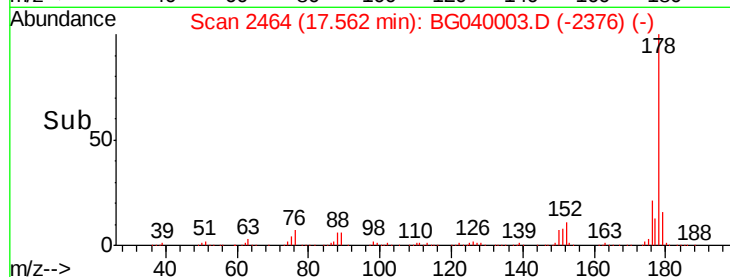
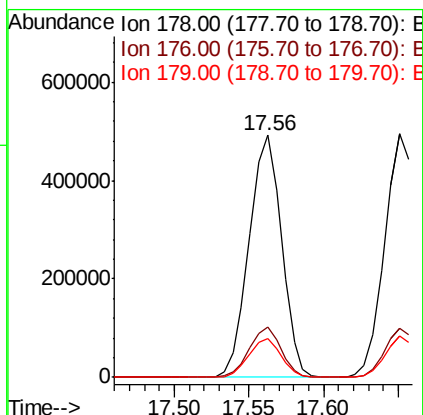
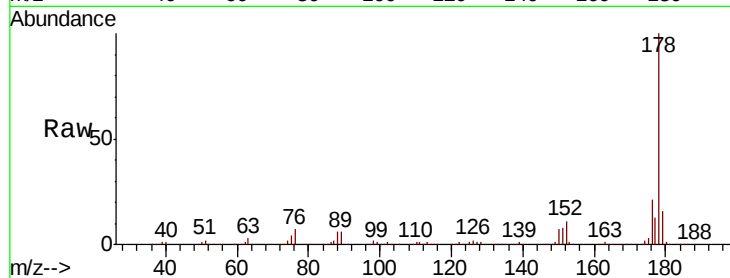




#71
 Phenanthrene
 Concen: 37.733 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

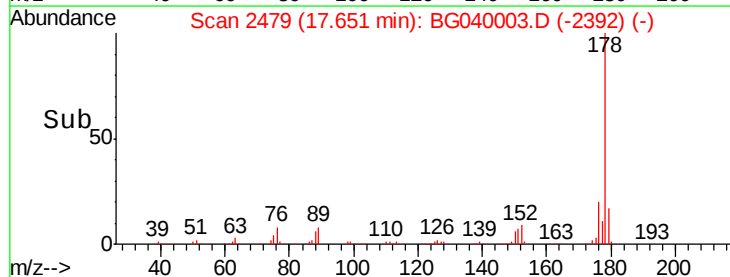
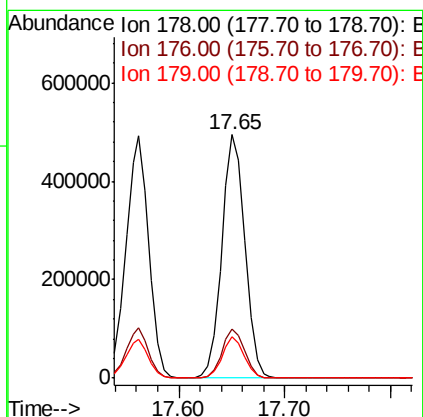
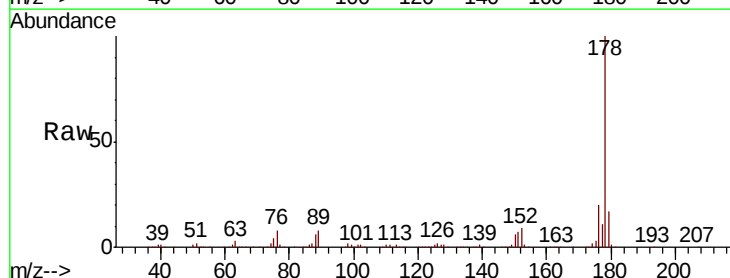
Instrument :
 BNA_G
 ClientSampleId :
 PB118018BS

Tgt Ion:178 Resp: 741761
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 16.2 12.6 19.0



#72
 Anthracene
 Concen: 38.987 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion:178 Resp: 746849
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 16.8 12.5 18.7

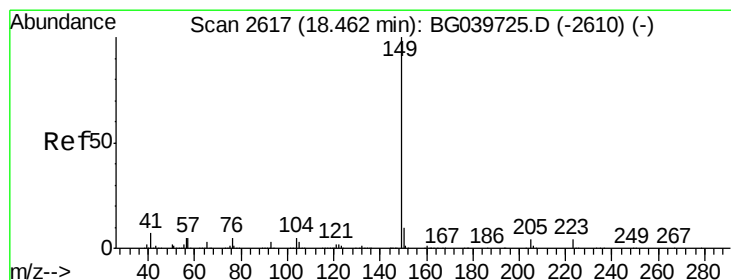
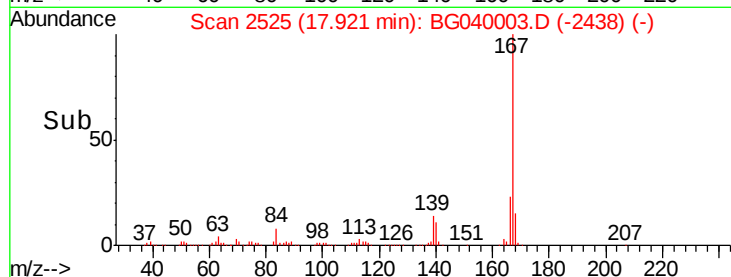
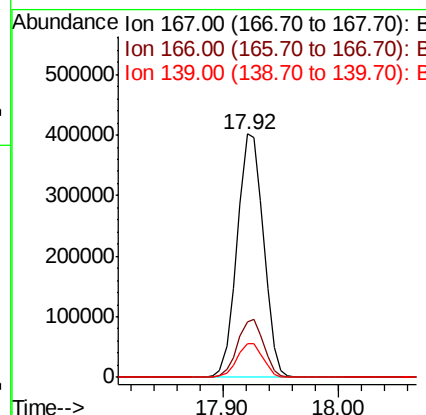
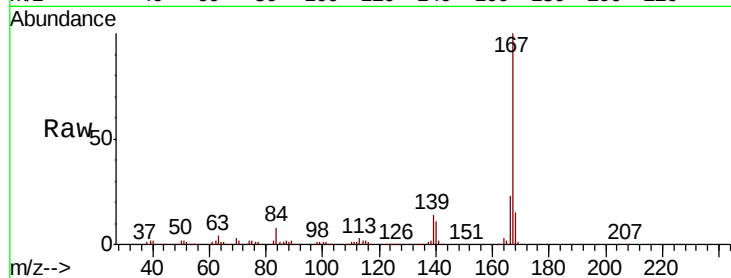




#73
 Carbazole
 Concen: 36.839 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

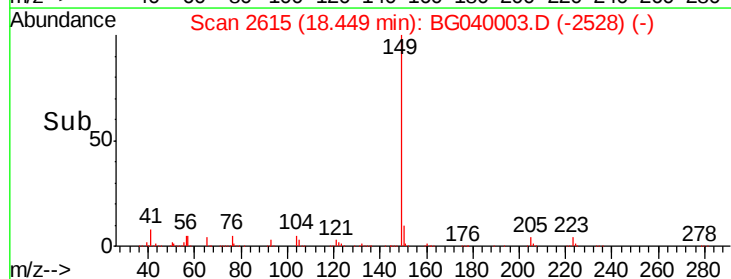
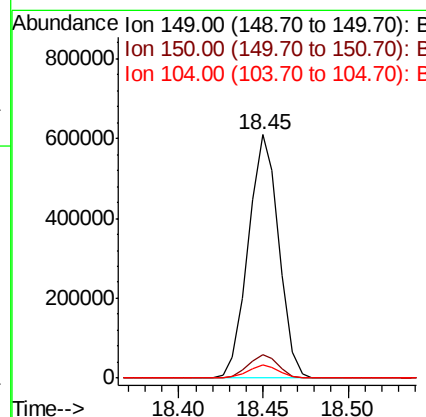
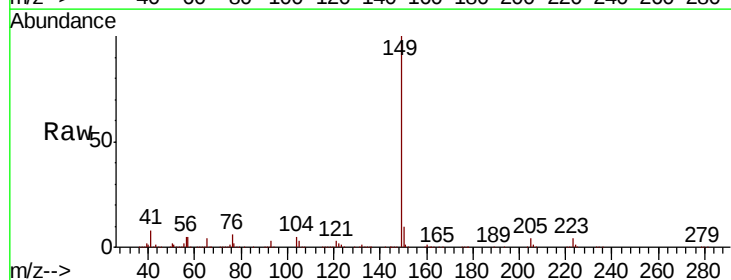
Instrument :
 BNA_G
 ClientSampleID :
 PB118018BS

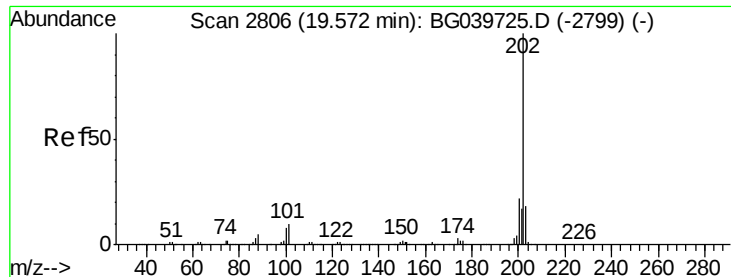
Tgt Ion:167 Resp: 636205
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.4 29.2
 139 14.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.695 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040003.D
 Acq: 19 Mar 2019 15:21

Tgt Ion:149 Resp: 765931
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 36.343 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

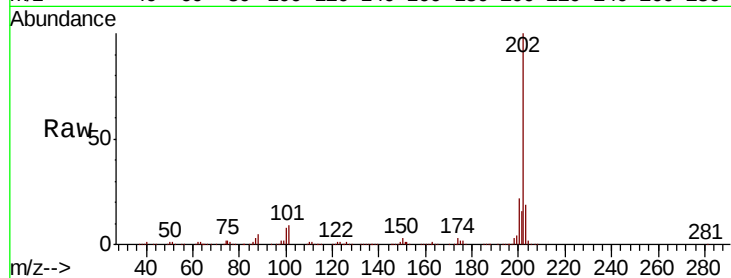
Tgt Ion:202 Resp: 844334

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

203 18.5 0.0 38.9

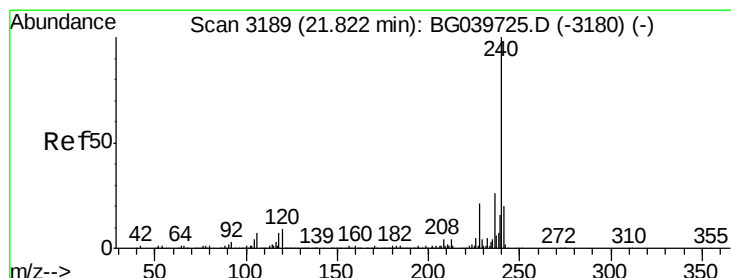
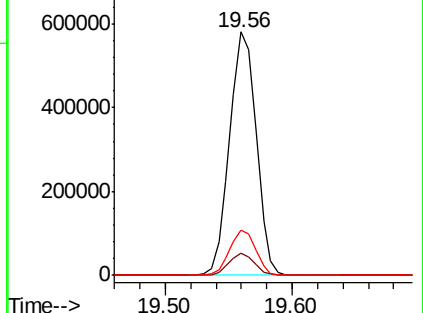
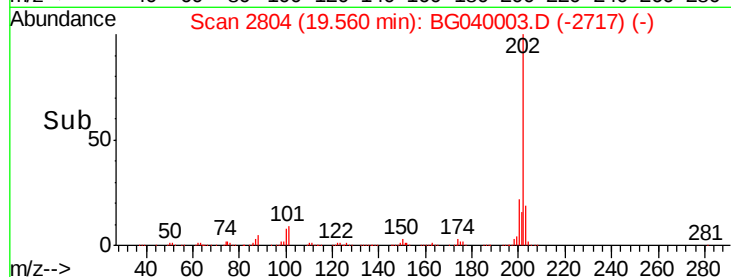


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

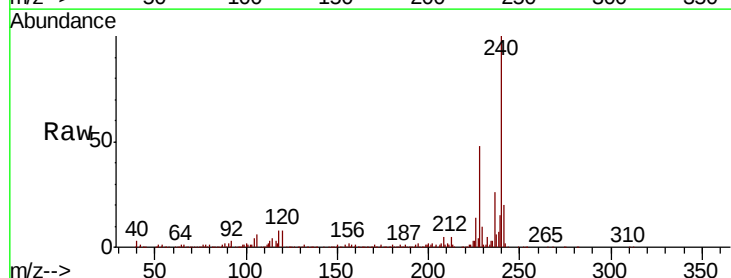
Tgt Ion:240 Resp: 327506

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 26.4 21.0 31.4

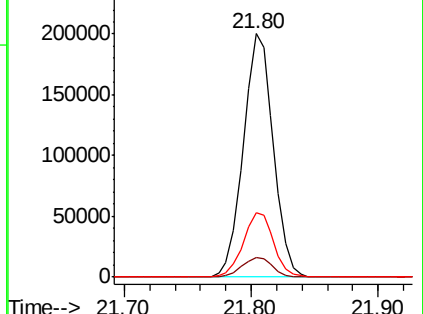
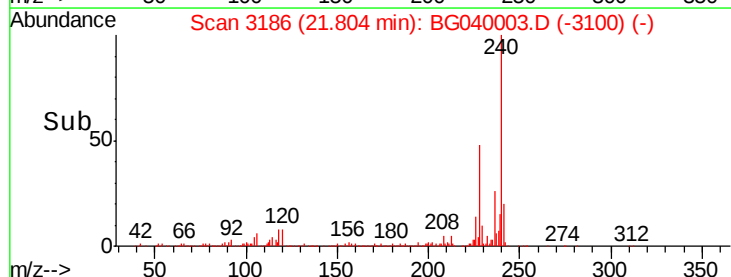


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.183 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

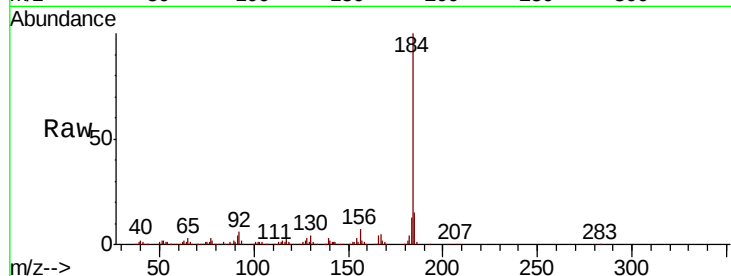
Tgt Ion:184 Resp: 407219

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

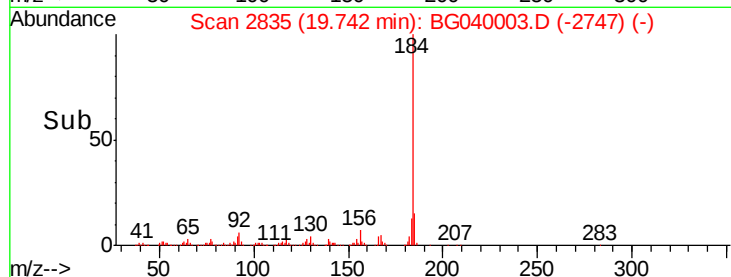
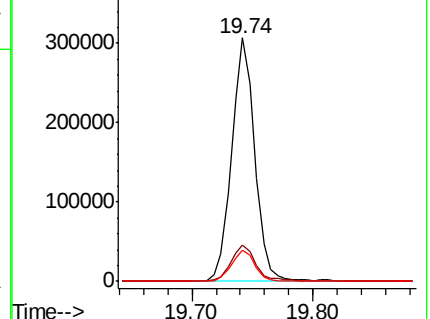
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.425 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

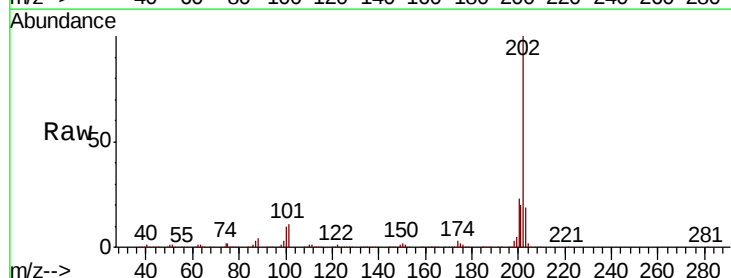
Tgt Ion:202 Resp: 817747

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

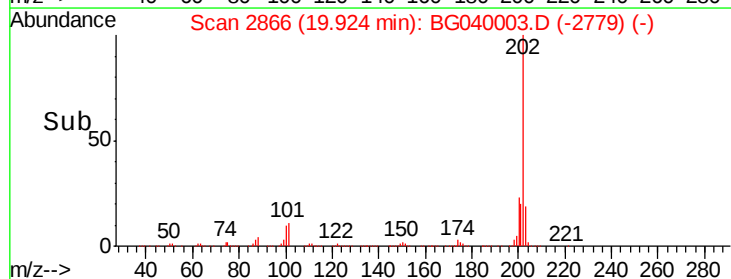
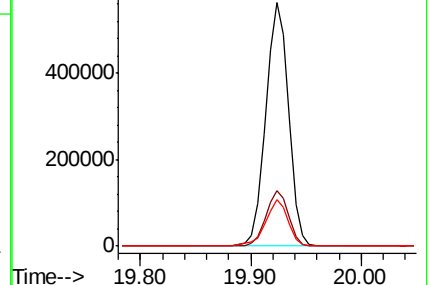
203 18.9 15.3 22.9

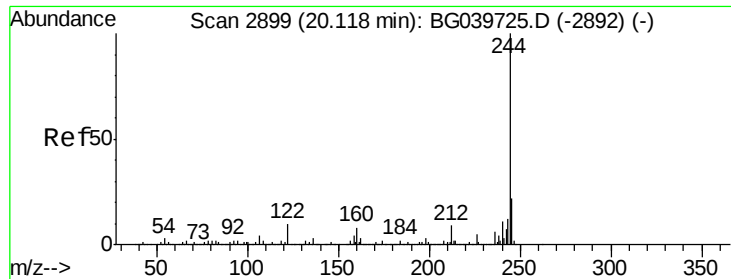


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.042 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

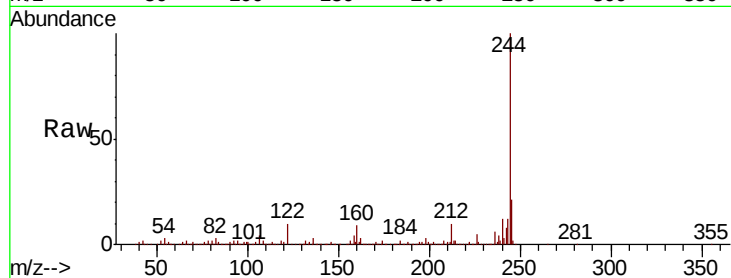
Tgt Ion:244 Resp: 1131080

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

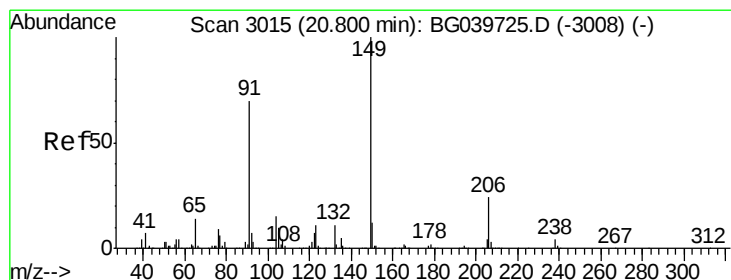
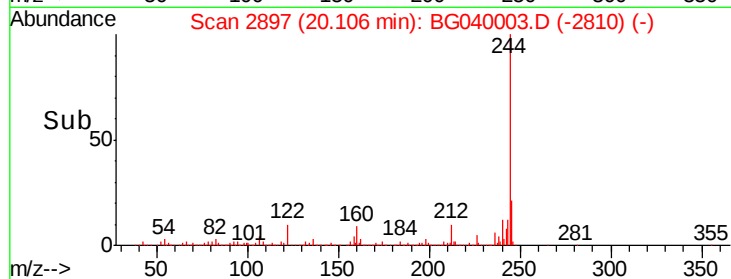
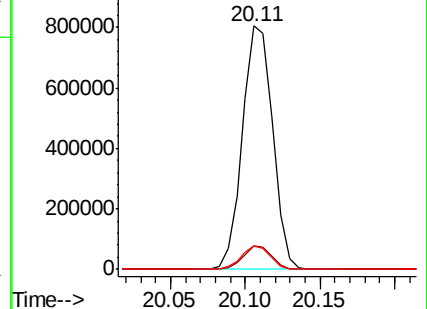
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.359 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

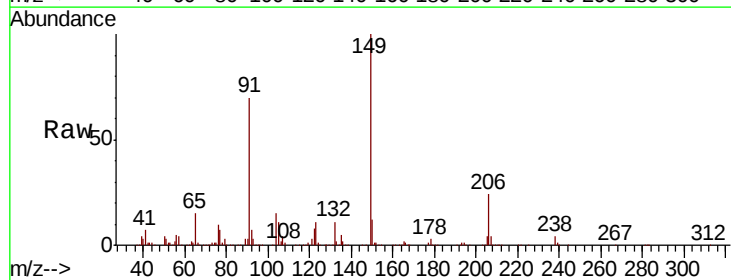
Tgt Ion:149 Resp: 349252

Ion Ratio Lower Upper

149 100

91 70.4 59.5 89.3

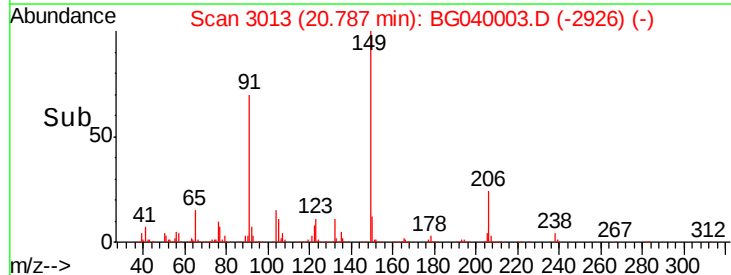
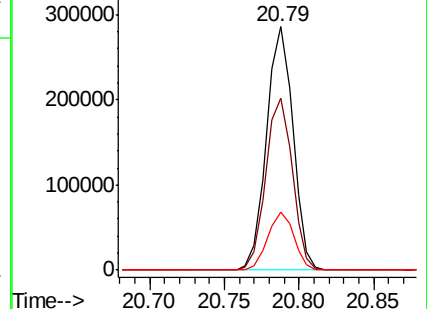
206 24.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.683 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

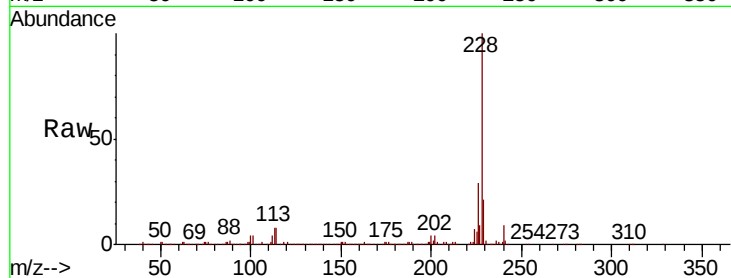
Tgt Ion:228 Resp: 793995

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

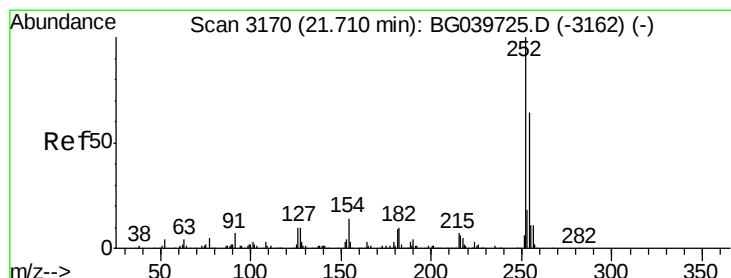
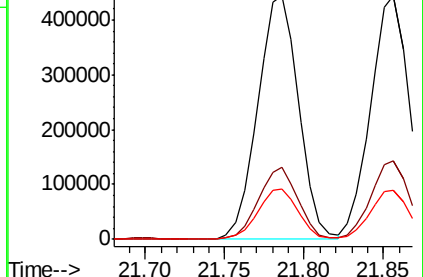
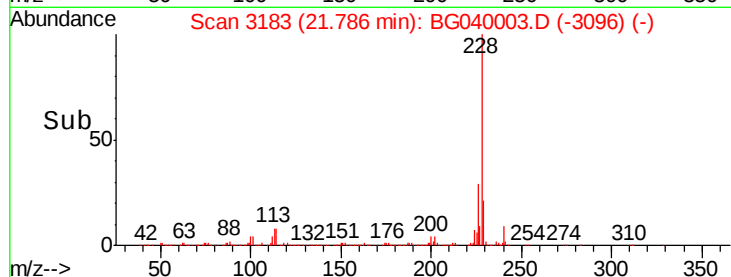
229 20.9 16.9 25.3



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



#82

3,3'-Dichlorobenzidine

Concen: 27.731 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

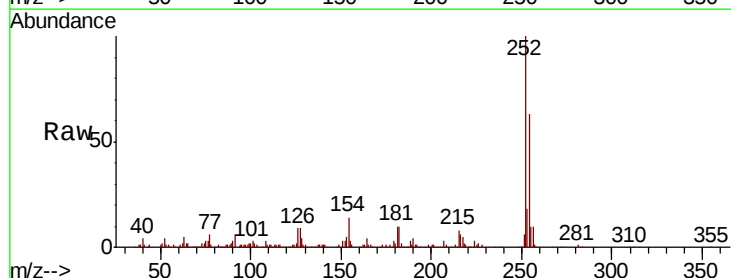
Tgt Ion:252 Resp: 207810

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

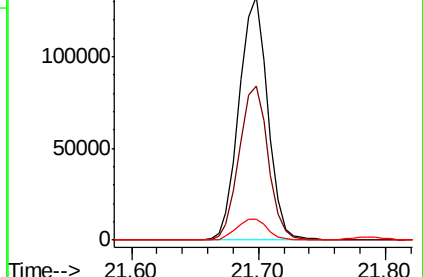
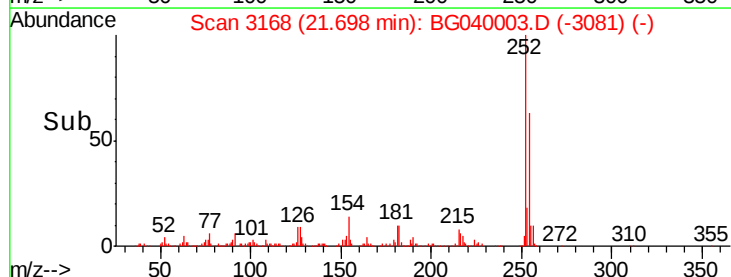
126 8.7 8.0 12.0

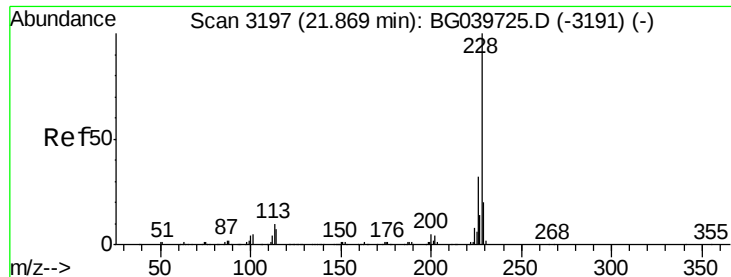


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.669 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

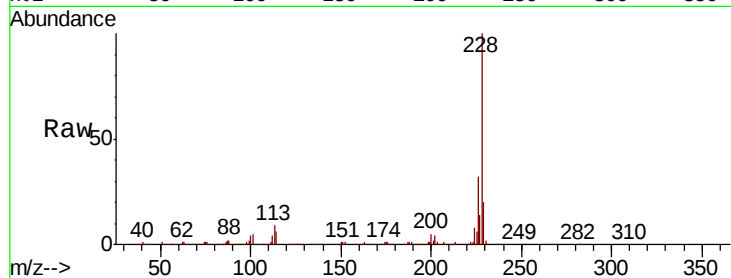
Tgt Ion:228 Resp: 749571

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

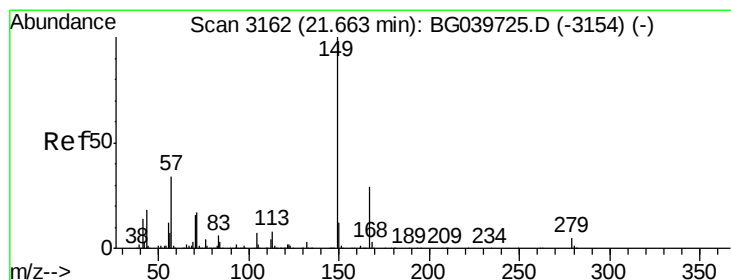
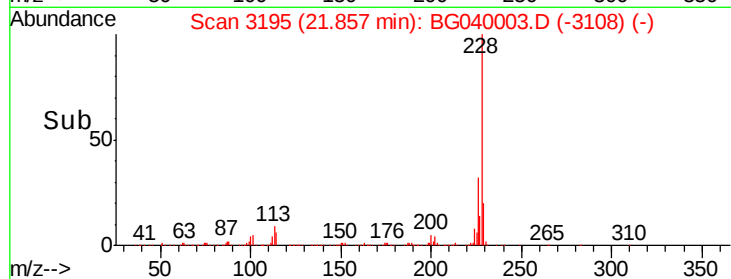
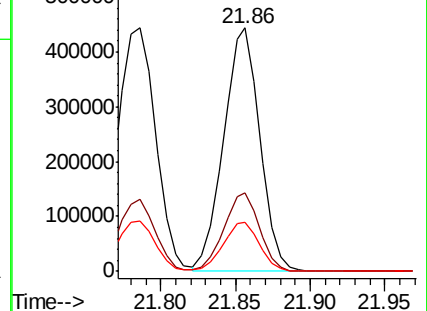
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.010 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

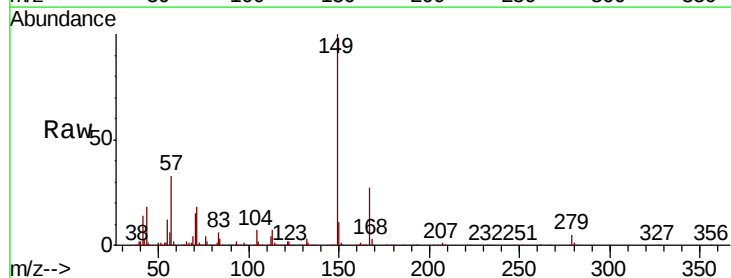
Tgt Ion:149 Resp: 486736

Ion Ratio Lower Upper

149 100

167 27.3 22.6 34.0

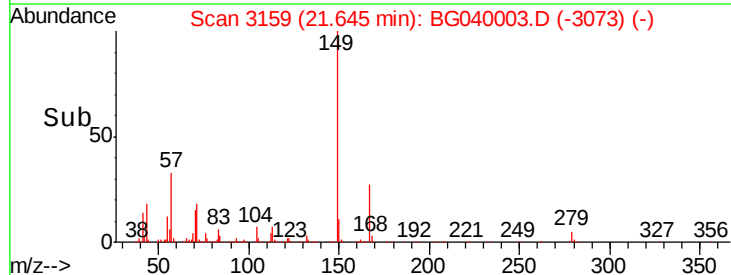
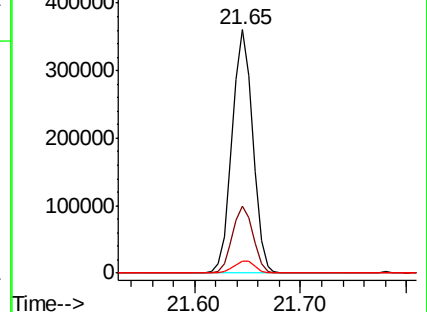
279 4.6 3.5 5.3

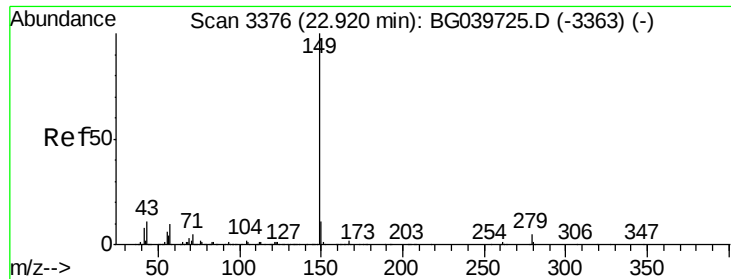


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

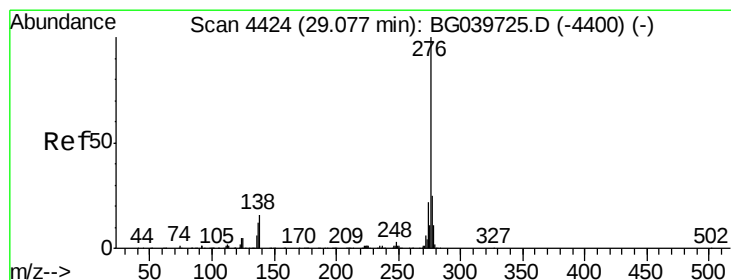
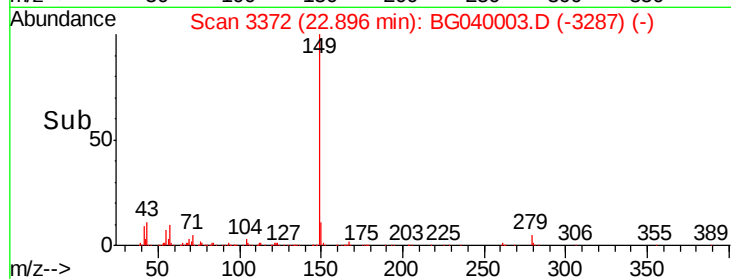
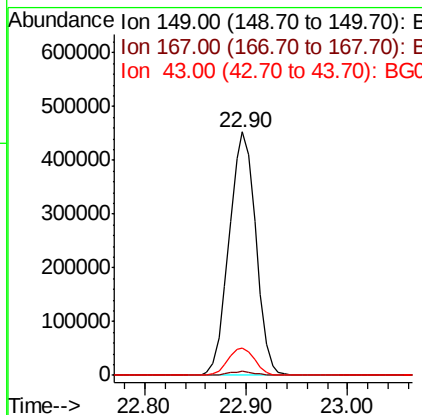
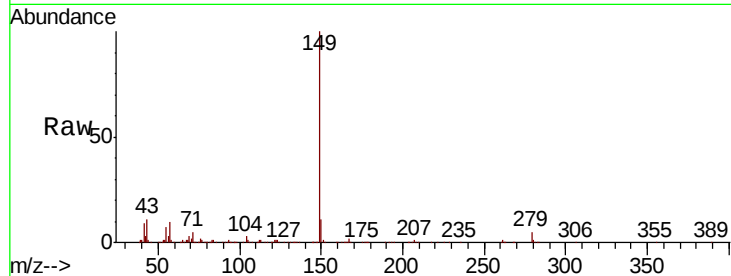




#85
Di-n-octyl phthalate
Concen: 43.103 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

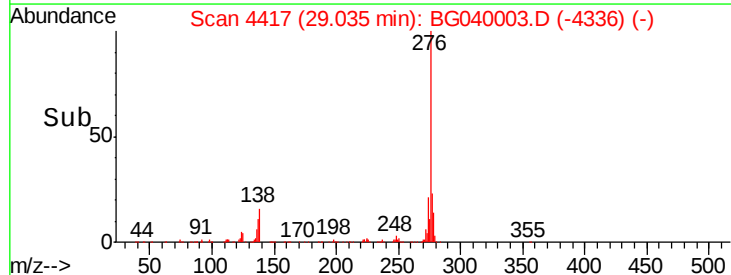
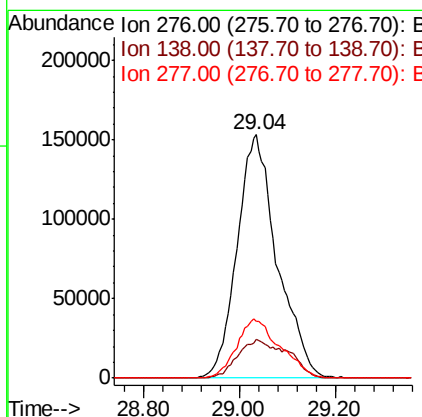
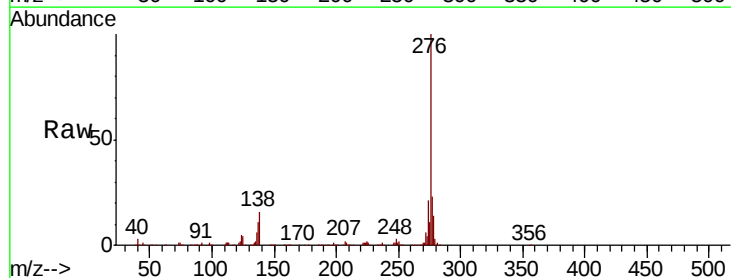
Instrument :
BNA_G
ClientSampleId :
PB118018BS

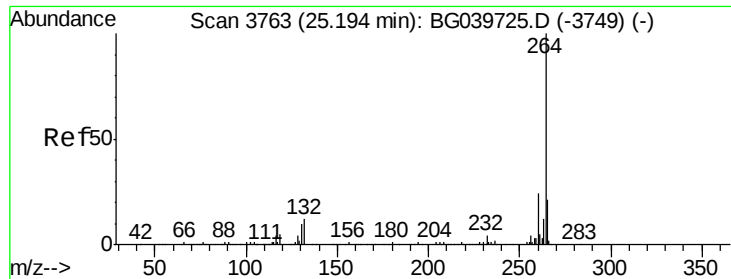
Tgt Ion:149 Resp: 826897
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.469 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:276 Resp: 890992
Ion Ratio Lower Upper
276 100
138 19.8 12.6 19.0#
277 26.2 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB118018BS

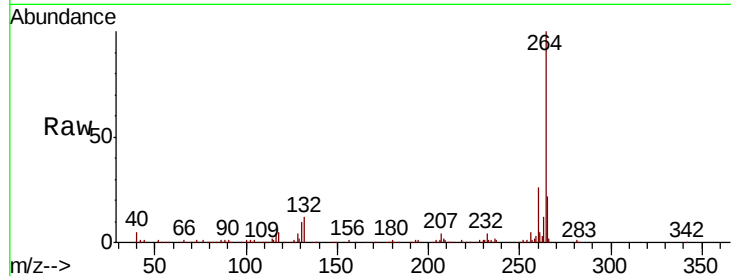
Tgt Ion:264 Resp: 320061

Ion Ratio Lower Upper

264 100

260 25.8 18.2 27.4

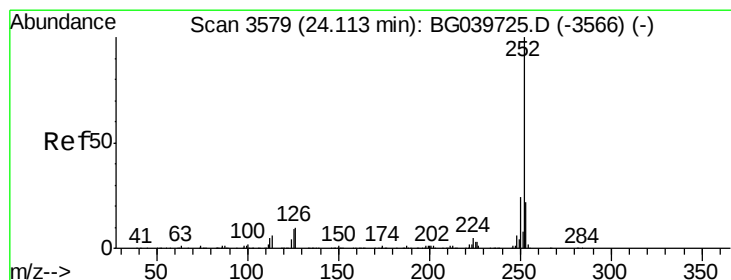
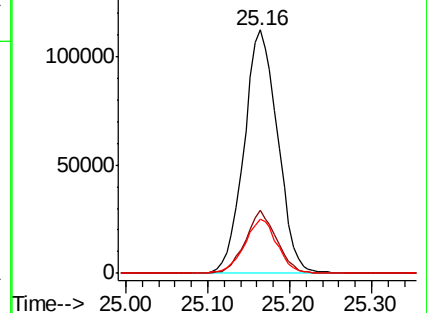
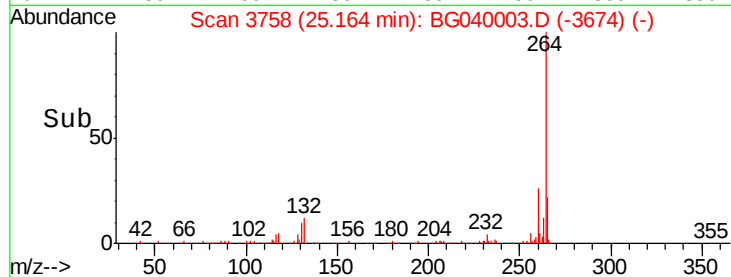
265 22.1 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.157 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040003.D

Acq: 19 Mar 2019 15:21

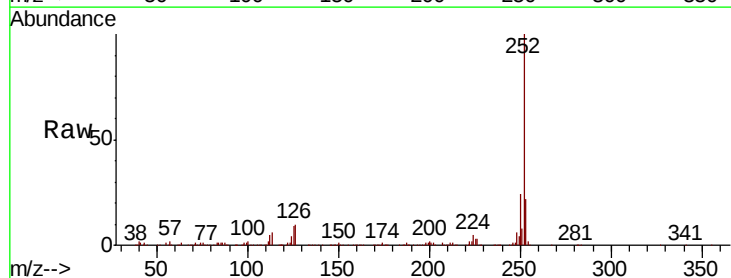
Tgt Ion:252 Resp: 785516

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

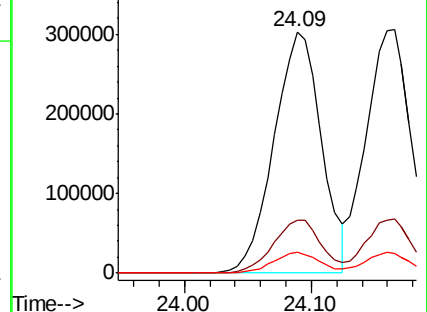
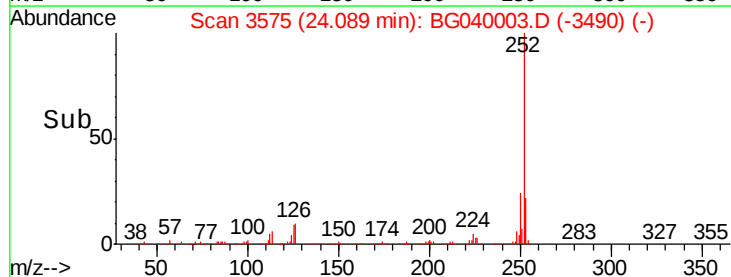
125 8.6 7.8 11.6

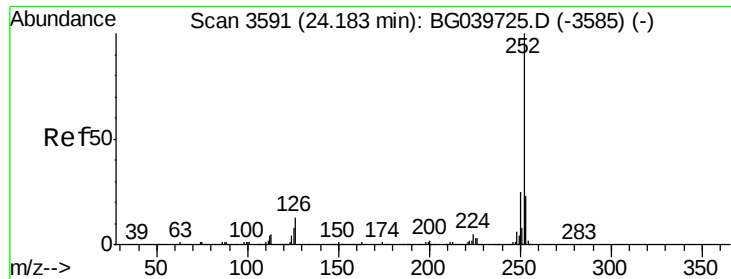


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

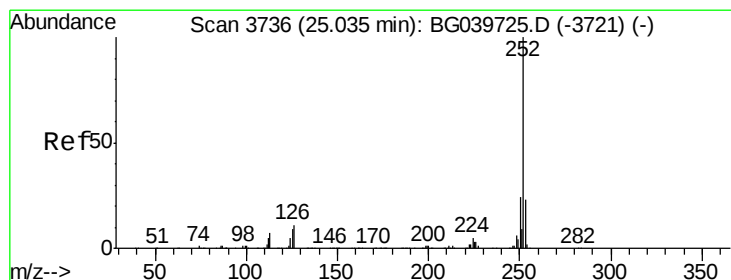
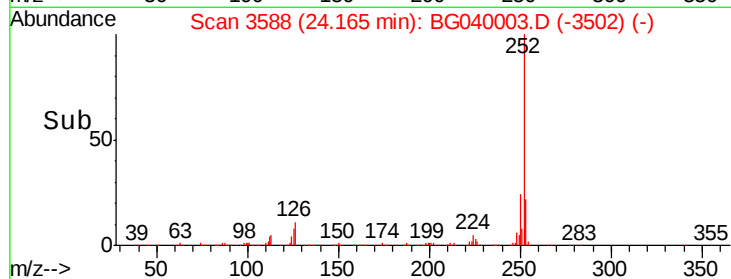
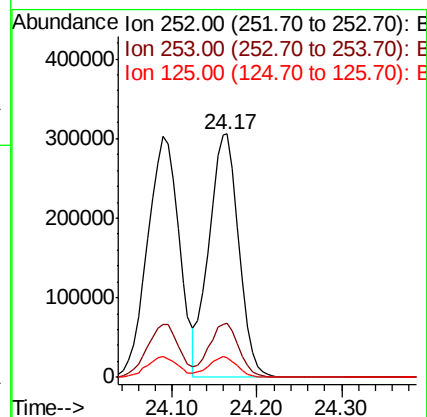
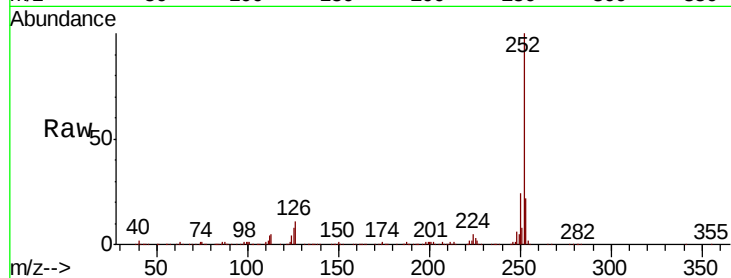




#89
Benzo(k)fluoranthene
Concen: 42.369 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

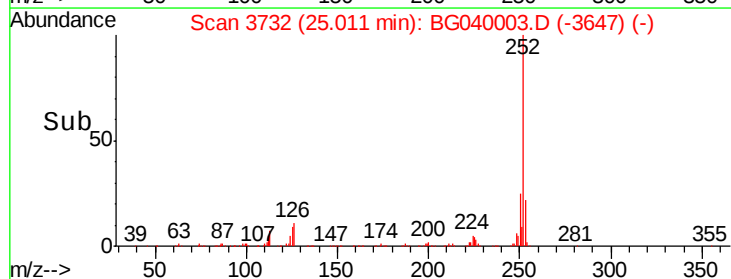
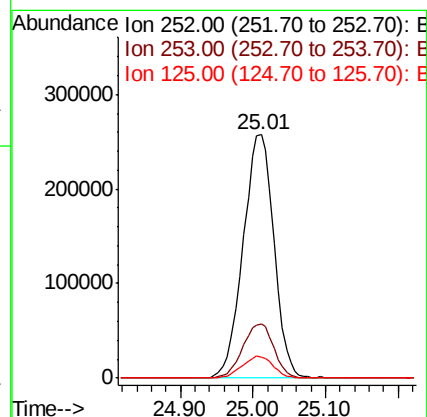
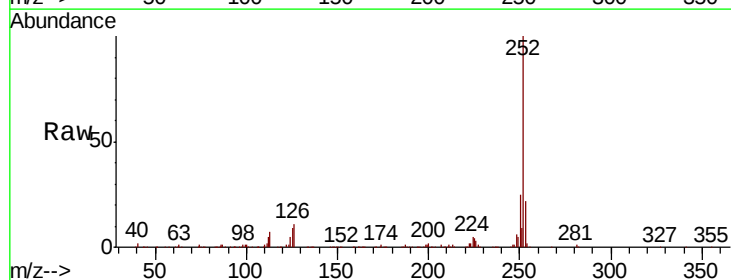
Instrument :
BNA_G
ClientSampleId :
PB118018BS

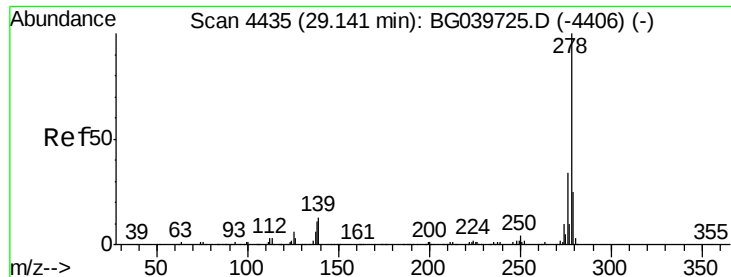
Tgt Ion:252 Resp: 752727
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.175 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion:252 Resp: 761443
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.7 8.3 12.5

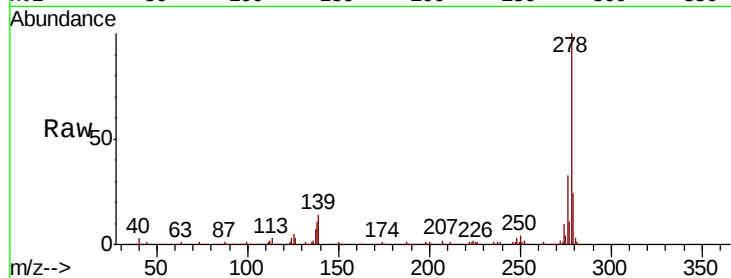




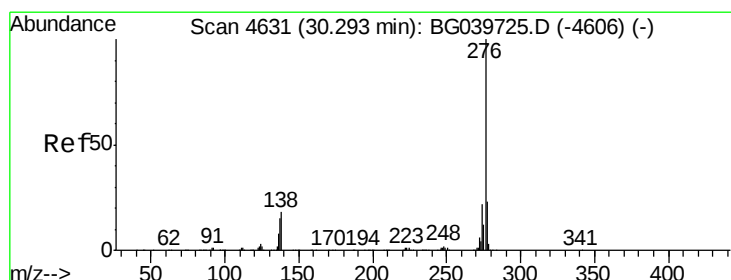
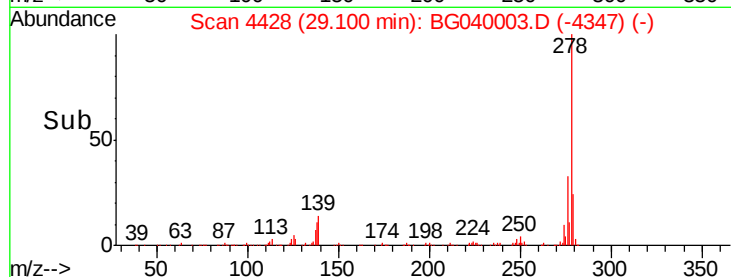
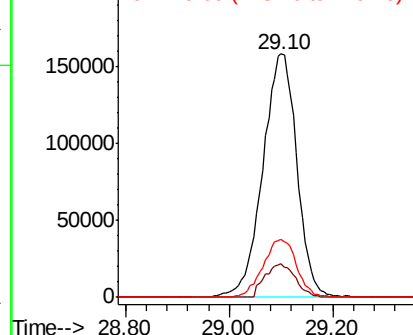
#91
Dibenzo(a,h)anthracene
Concen: 41.771 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Tgt Ion: 278 Resp: 722223
Ion Ratio Lower Upper
278 100
139 13.7 11.7 17.5
279 24.0 19.1 28.7

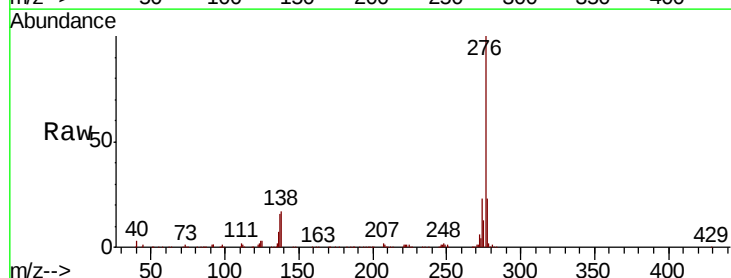


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.655 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040003.D
Acq: 19 Mar 2019 15:21

Tgt Ion: 276 Resp: 740685
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 17.1 14.7 22.1



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

