

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039810.D
 Acq On : 7 Mar 2019 20:06
 Operator : JU/SJ
 Sample : K1757-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

Quant Time: Mar 07 23:53:39 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	42792	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	193091	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	131890	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335136	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	336394	20.00	ng	-0.01
87) Perylene-d12	25.18	264	351640	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	347979	138.73	ng	-0.01
7) Phenol-d6	7.30	99	469221	125.46	ng	-0.01
23) Nitrobenzene-d5	9.33	82	324193	90.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	226701	147.47	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	783333	84.57	ng	-0.01
79) Terphenyl-d14	20.12	244	1311765	85.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	38269	33.047	ng	# 38
3) Pyridine	4.01	79	91179	29.411	ng	95
4) n-Nitrosodimethylamine	3.91	42	56656	38.522	ng	85
6) Aniline	7.48	93	84039	17.151	ng	98
8) 2-Chlorophenol	7.72	128	125184	41.138	ng	94
9) Benzaldehyde	7.30	77	72109	29.889	ng	97
10) Phenol	7.33	94	149390	36.871	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	124394	39.378	ng	96
12) 1,3-Dichlorobenzene	8.04	146	125708	36.526	ng	96
13) 1,4-Dichlorobenzene	8.19	146	129638	36.980	ng	99
14) 1,2-Dichlorobenzene	8.51	146	125853	37.157	ng	98
15) Benzyl Alcohol	8.39	79	123861	41.749	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	242261	38.345	ng	97
17) 2-Methylphenol	8.59	107	110334	42.707	ng	99
18) Hexachloroethane	9.24	117	46343	36.843	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	102076	37.918	ng	92
20) 3+4-Methylphenols	8.92	107	152757	42.562	ng	98
22) Acetophenone	8.98	105	195290	37.683	ng	# 95
24) Nitrobenzene	9.38	77	151909	40.559	ng	98
25) Isophorone	9.89	82	299397	40.022	ng	99
26) 2-Nitrophenol	10.09	139	73559	40.677	ng	97
27) 2,4-Dimethylphenol	10.13	122	134924	47.974	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	177045	38.945	ng	95
29) 2,4-Dichlorophenol	10.62	162	145175	45.847	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	138417	38.846	ng	99
31) Naphthalene	11.03	128	399142	39.042	ng	99
32) Benzoic acid	10.26	122	65251	35.743	ng	90
33) 4-Chloroaniline	11.14	127	21324	4.919	ng	94
34) Hexachlorobutadiene	11.29	225	88938	36.527	ng	92
35) Caprolactam	11.92	113	25104	20.754	ng	99
36) 4-Chloro-3-methylphenol	12.24	107	158238	43.593	ng	96
37) 2-Methylnaphthalene	12.62	142	310012	40.560	ng	98
38) 1-Methylnaphthalene	12.84	142	298384	40.171	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	171374	38.355	ng	98

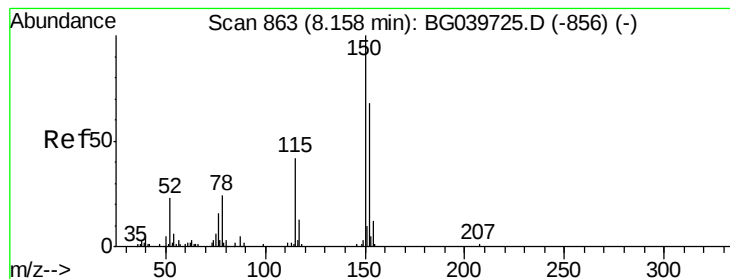
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039810.D
 Acq On : 7 Mar 2019 20:06
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	193340	80.744	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	123248	47.115	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	134046	45.462	ng	98
46) 1,1'-Biphenyl	13.62	154	427520	39.411	ng	100
47) 2-Chloronaphthalene	13.66	162	333033	40.809	ng	97
48) 2-Nitroaniline	13.88	65	118151	45.051	ng	94
49) Acenaphthylene	14.51	152	541128	40.393	ng	99
50) Dimethylphthalate	14.23	163	461202	41.819	ng	99
51) 2,6-Dinitrotoluene	14.36	165	104257	44.593	ng	97
52) Acenaphthene	14.84	154	326298	40.468	ng	97
53) 3-Nitroaniline	14.69	138	37253	15.851	ng	# 97
54) 2,4-Dinitrophenol	14.90	184	69186	49.097	ng	99
55) Dibenzofuran	15.18	168	543490	41.083	ng	99
56) 4-Nitrophenol	14.99	139	160465	76.325	ng	90
57) 2,4-Dinitrotoluene	15.14	165	148481	45.198	ng	# 88
58) Fluorene	15.83	166	436566	41.978	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	133103	46.222	ng	99
60) Diethylphthalate	15.58	149	470167	43.066	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	230657	41.563	ng	98
62) 4-Nitroaniline	15.86	138	104433	40.988	ng	95
63) Azobenzene	16.10	77	427291	43.176	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	67266	33.946	ng	98
66) n-Nitrosodiphenylamine	16.03	169	406732	41.921	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	152795	40.731	ng	94
68) Hexachlorobenzene	16.82	284	157183	40.423	ng	97
69) Atrazine	16.97	200	161900	42.399	ng	95
70) Pentachlorophenol	17.16	266	182436	74.289	ng	98
71) Phenanthrene	17.57	178	744633	40.338	ng	99
72) Anthracene	17.66	178	759354	42.213	ng	99
73) Carbazole	17.93	167	669087	41.258	ng	98
74) Di-n-butylphthalate	18.46	149	822060	43.084	ng	99
75) Fluoranthene	19.57	202	896017	41.071	ng	99
77) Benzidine	19.75	184	140540	13.166	ng	98
78) Pyrene	19.93	202	899884	41.168	ng	100
80) Butylbenzylphthalate	20.80	149	380983	44.987	ng	95
81) Benzo(a)anthracene	21.79	228	849218	40.280	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	119669	15.547	ng	99
83) Chrysene	21.86	228	819028	40.072	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	526305	44.225	ng	100
85) Di-n-octyl phthalate	22.92	149	900599	45.705	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	996839	42.991	ng	# 95
88) Benzo(b)fluoranthene	24.10	252	856789	40.860	ng	98
89) Benzo(k)fluoranthene	24.18	252	837858	42.925	ng	99
90) Benzo(a)pyrene	25.02	252	846701	43.697	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	807536	42.511	ng	99
92) Benzo(g,h,i)perylene	30.29	276	816877	42.818	ng	97

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

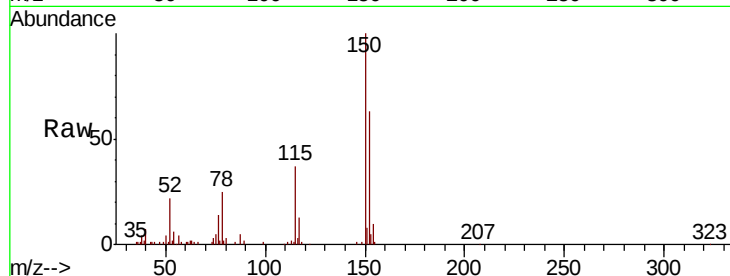


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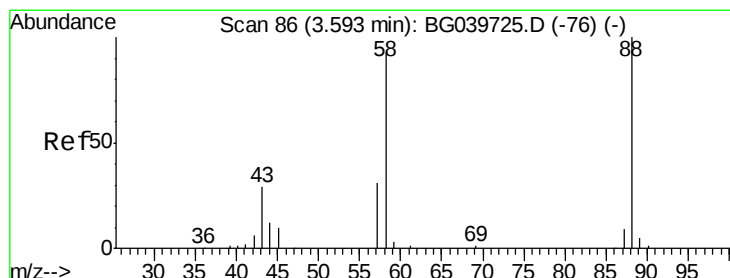
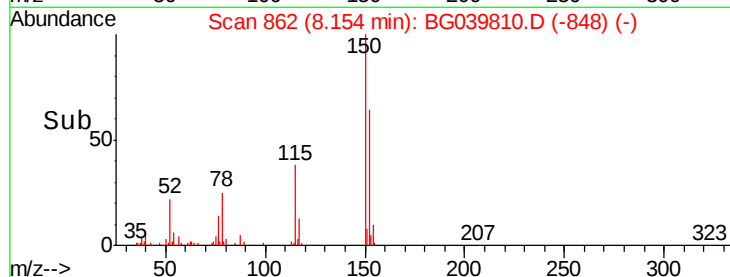
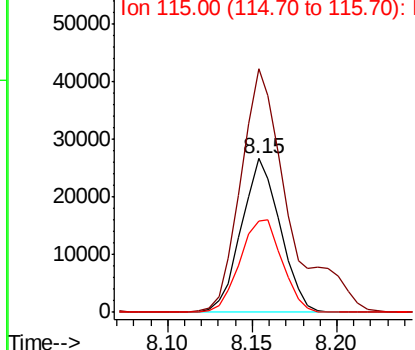
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:152 Resp: 42792
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 59.2 45.9 68.9



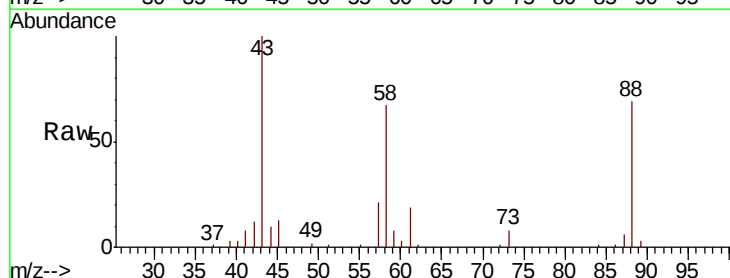
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



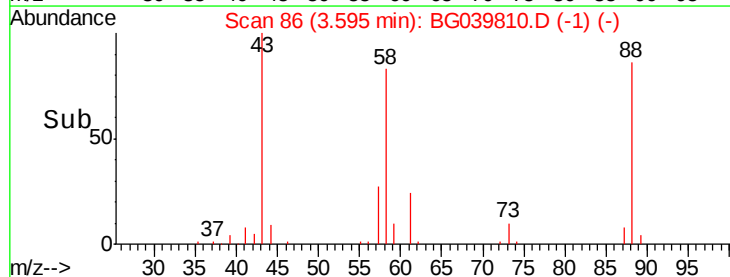
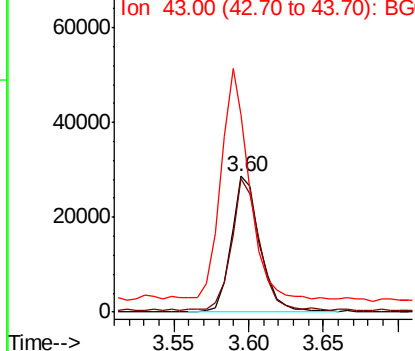
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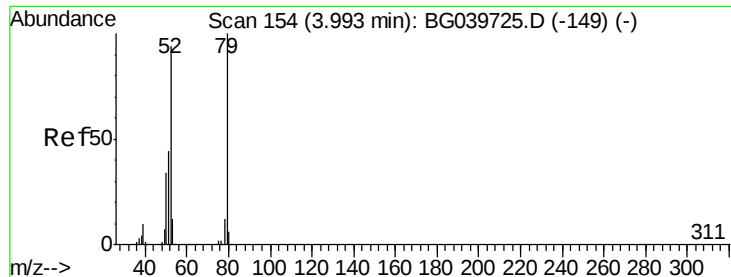
1,4-Dioxane
Concen: 33.047 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion: 88 Resp: 38269
Ion Ratio Lower Upper
88 100
58 95.8 81.1 121.7
43 167.0 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: 29.411 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

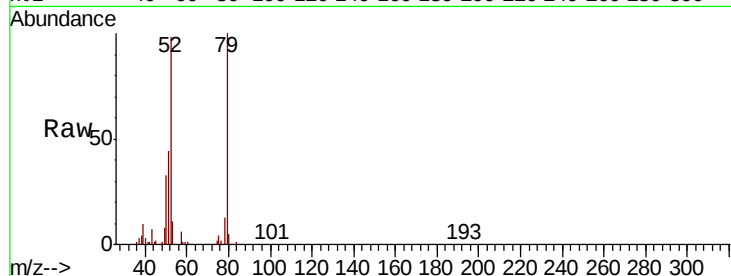
Tgt Ion: 79 Resp: 91179

Ion Ratio Lower Upper

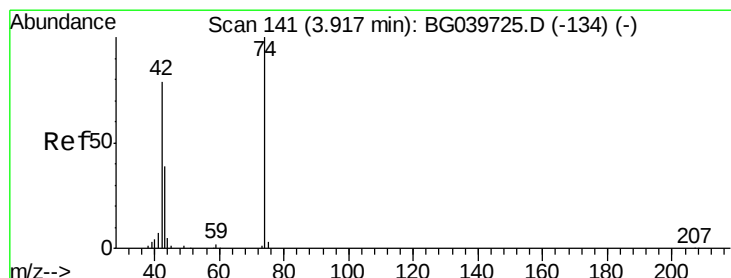
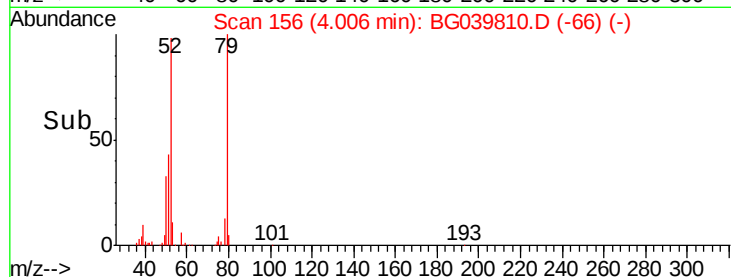
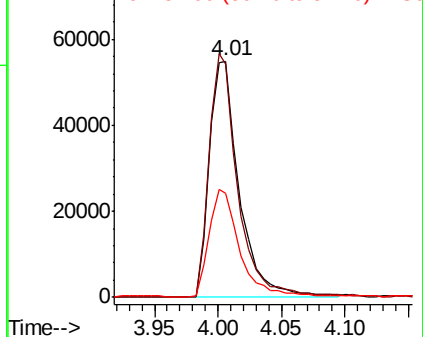
79 100

52 98.5 82.6 124.0

51 44.2 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: 38.522 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

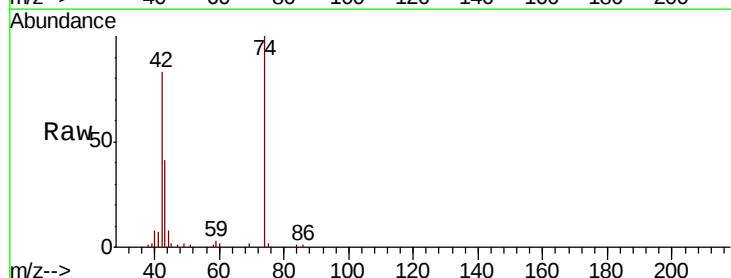
Tgt Ion: 42 Resp: 56656

Ion Ratio Lower Upper

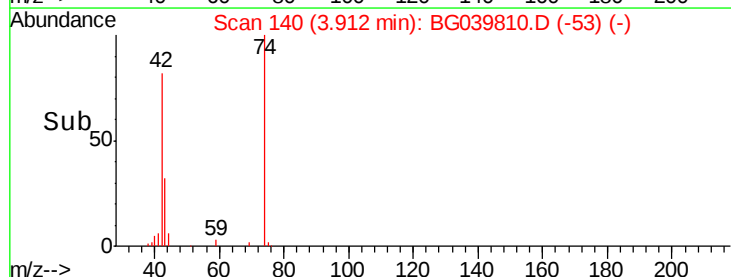
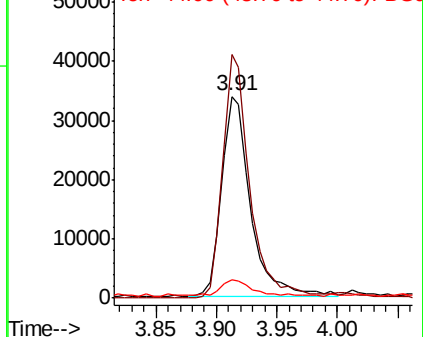
42 100

74 120.8 83.6 125.4

44 9.2 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: 138.730 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

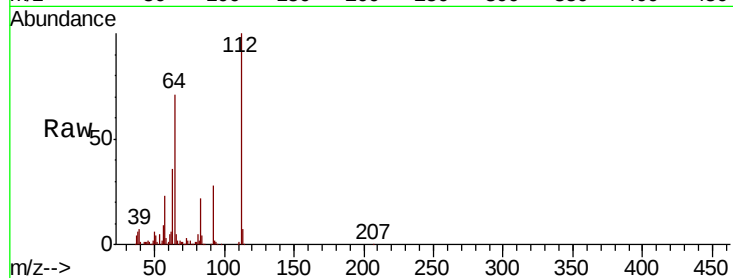
Tgt Ion: 112 Resp: 347979

Ion Ratio Lower Upper

112 100

64 71.3 57.8 86.8

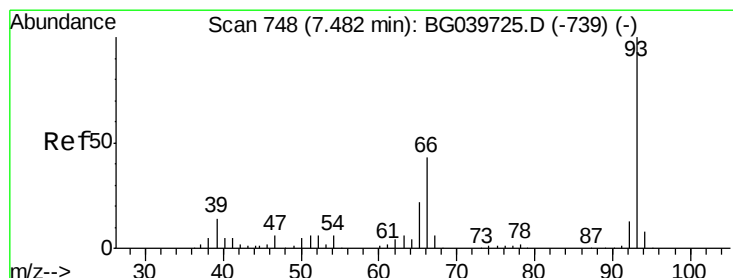
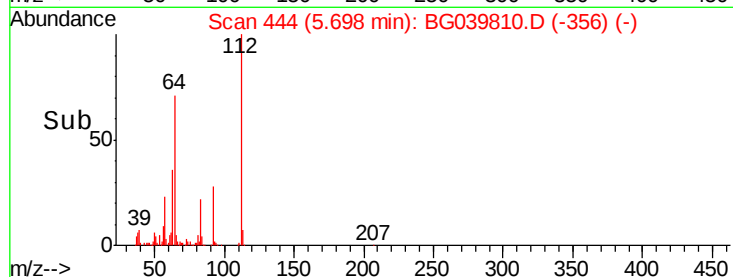
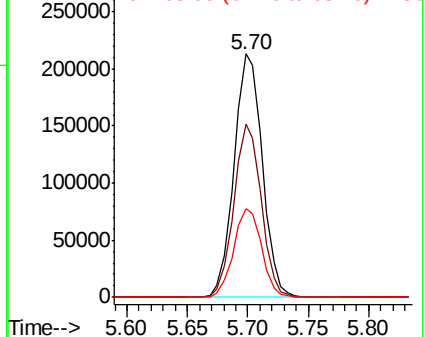
63 36.4 29.8 44.6



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: 17.151 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

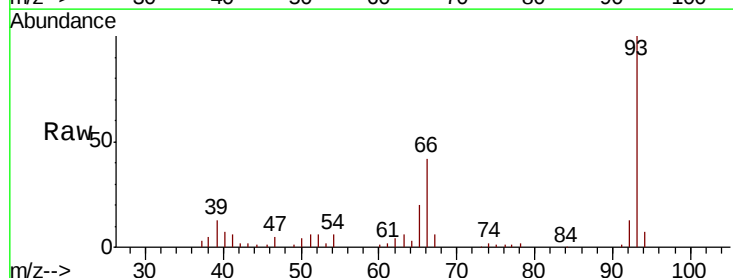
Tgt Ion: 93 Resp: 84039

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

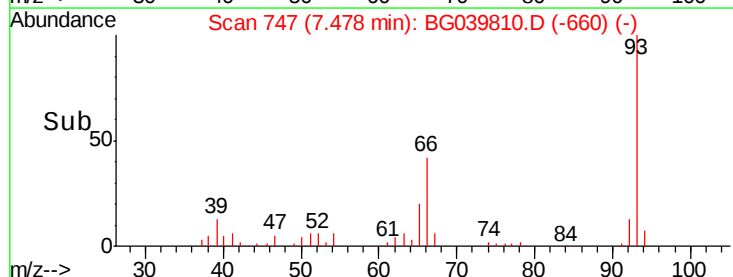
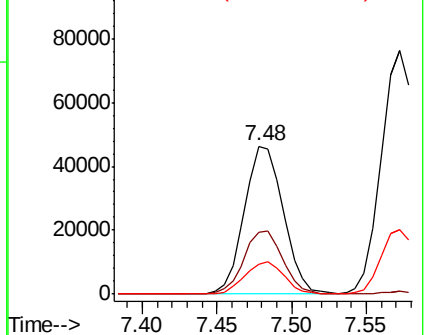
65 20.5 17.7 26.5



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: 125.459 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

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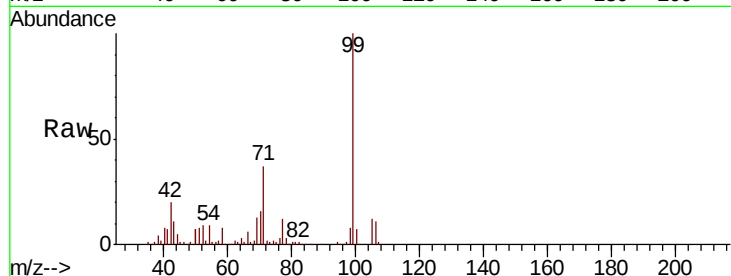
Tgt Ion: 99 Resp: 469221

Ion Ratio Lower Upper

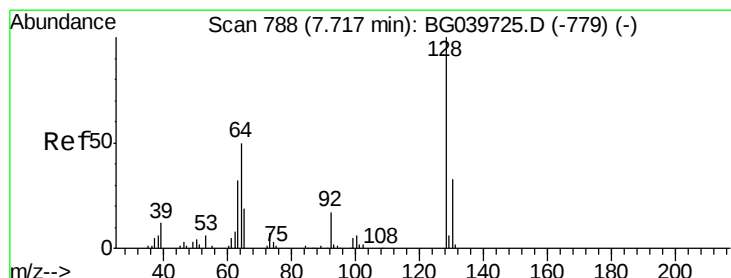
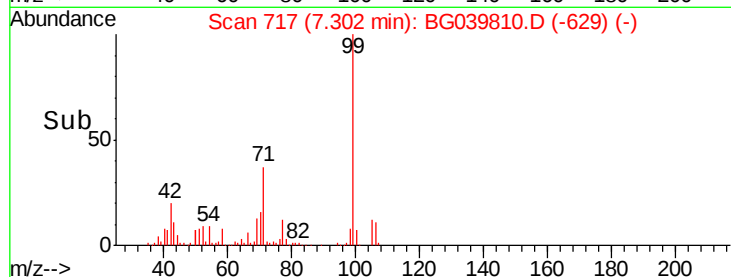
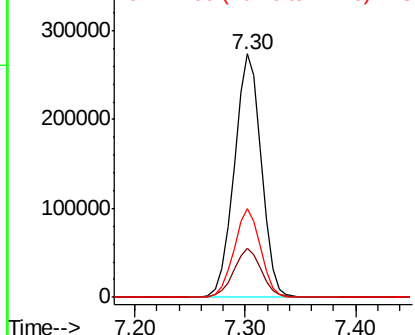
99 100

42 20.4 18.2 27.2

71 36.7 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: 41.138 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

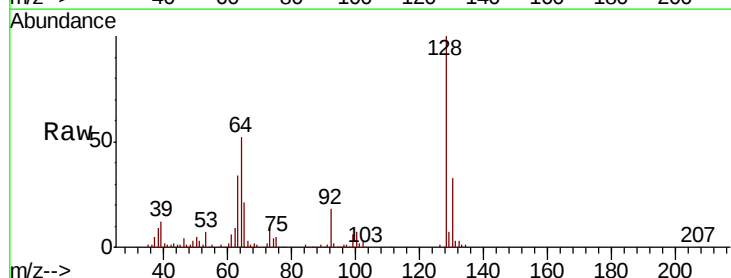
Tgt Ion: 128 Resp: 125184

Ion Ratio Lower Upper

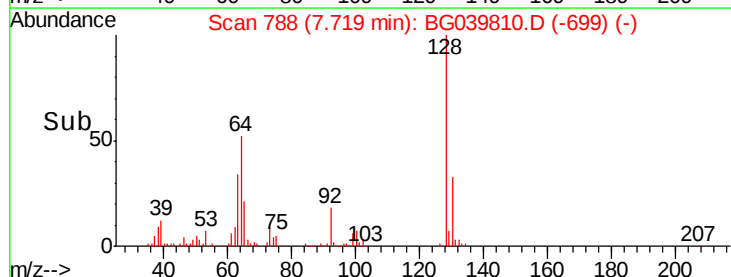
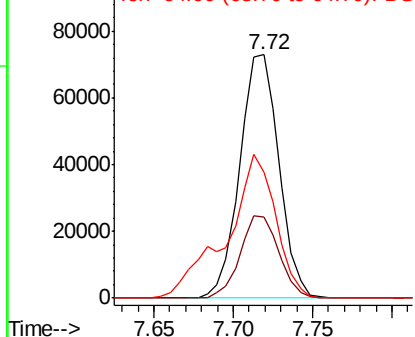
128 100

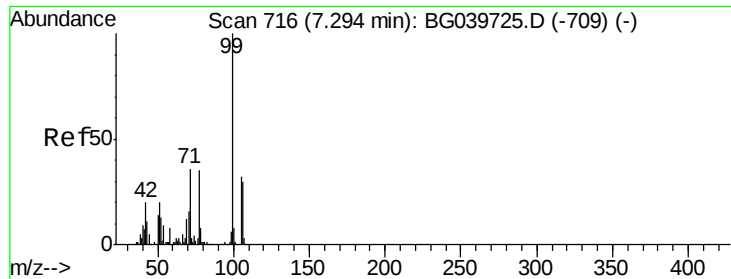
130 33.4 12.9 52.9

64 51.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.889 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

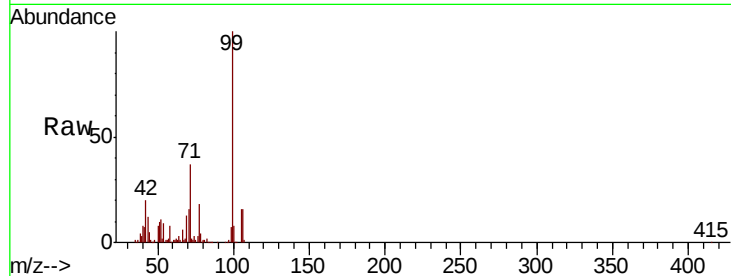
Tgt Ion: 77 Resp: 72109

Ion Ratio Lower Upper

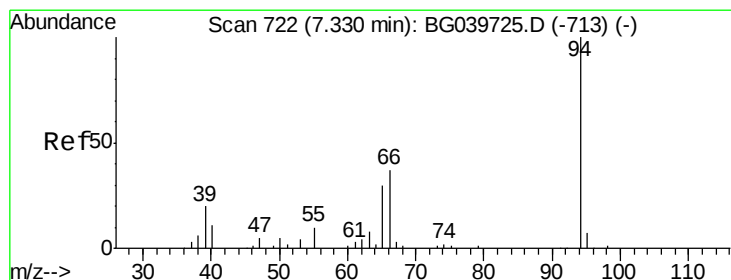
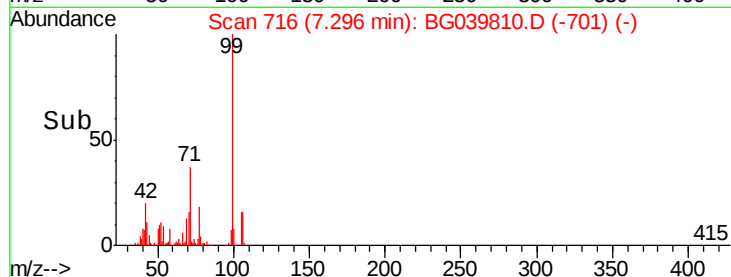
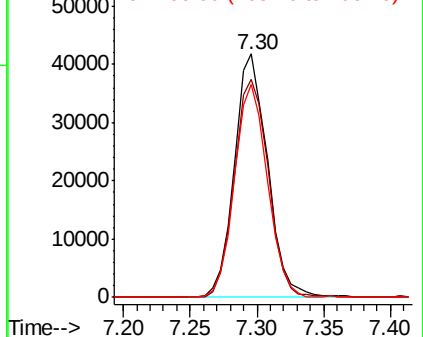
77 100

105 89.3 74.5 114.5

106 87.3 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: 36.871 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

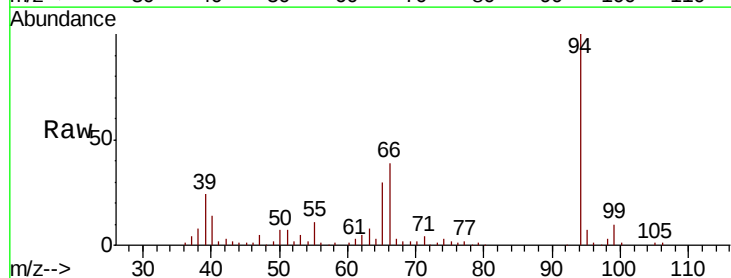
Tgt Ion: 94 Resp: 149390

Ion Ratio Lower Upper

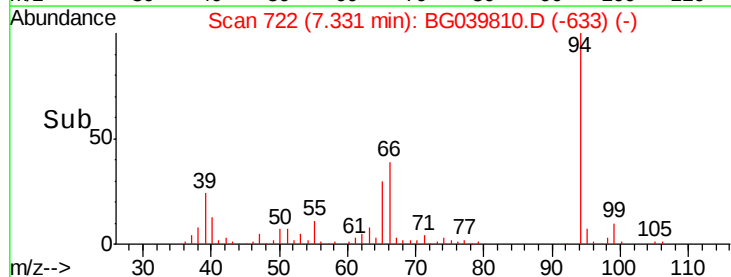
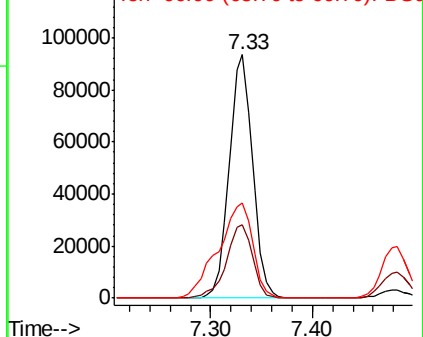
94 100

65 30.2 11.7 51.7

66 39.0 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

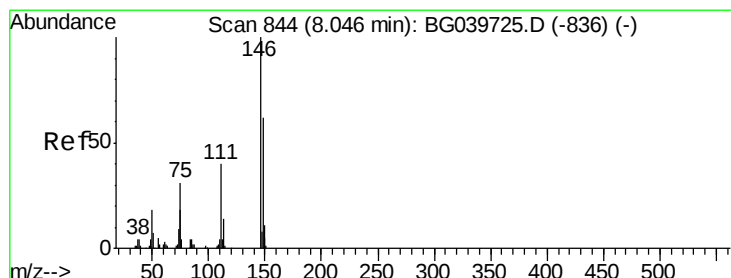
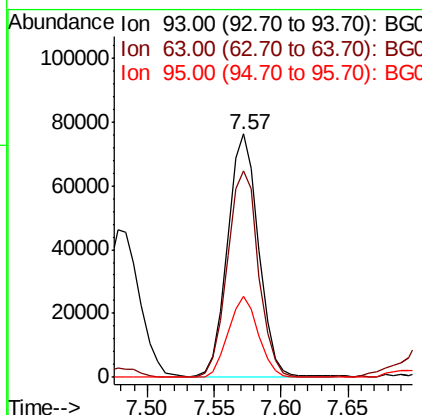
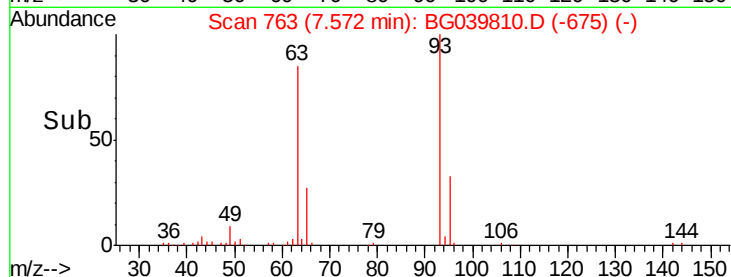
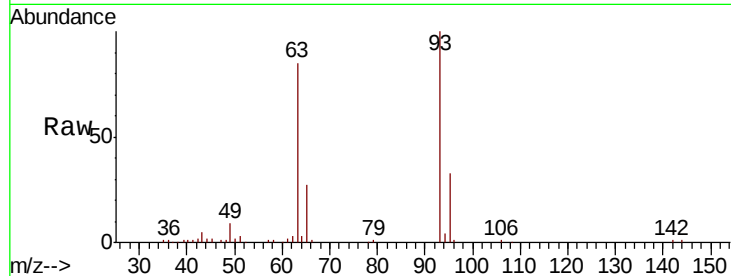




#11
bis(2-Chloroethyl)ether
Concen: 39.378 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

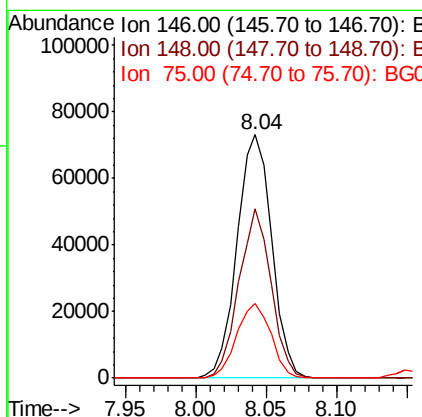
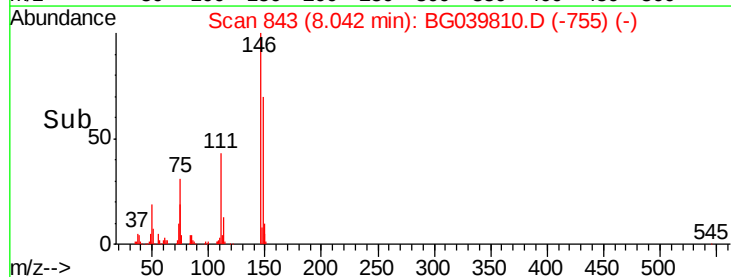
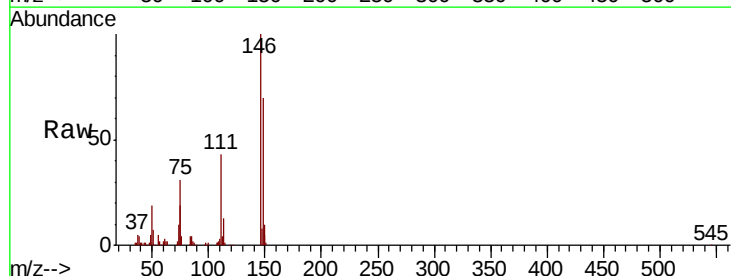
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion: 93 Resp: 124394
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.526 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion: 146 Resp: 125708
Ion Ratio Lower Upper
146 100
148 69.5 52.6 79.0
75 30.9 25.8 38.6

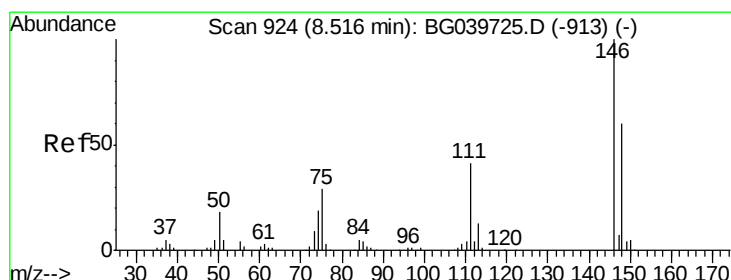
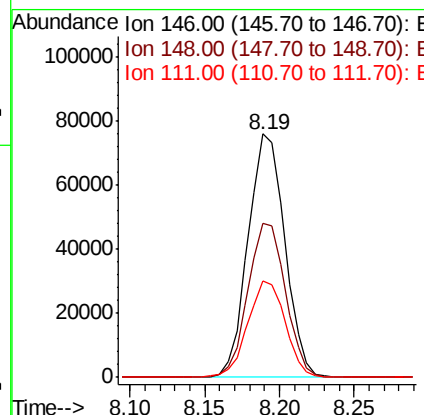
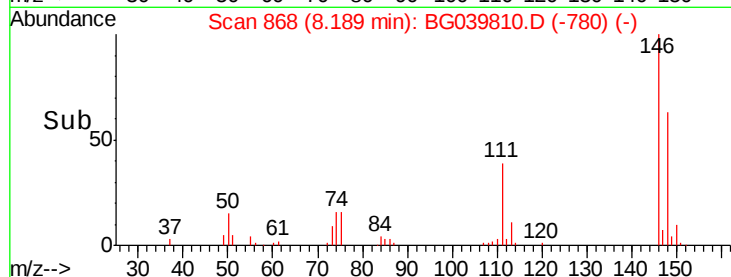
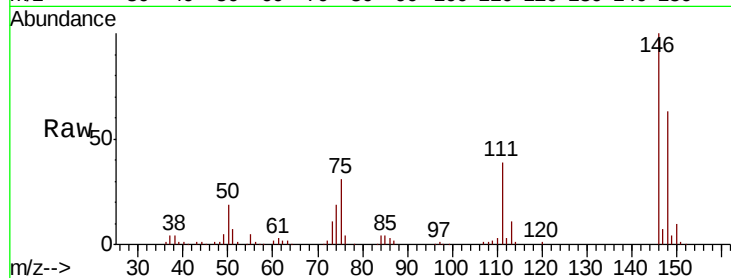




#13
 1,4-Dichlorobenzene
 Concen: 36.980 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

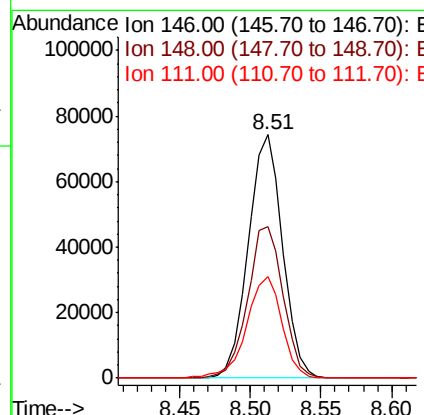
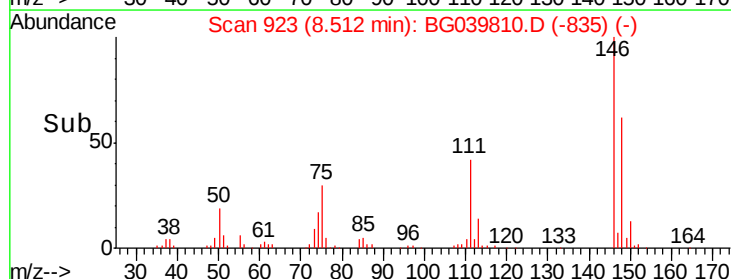
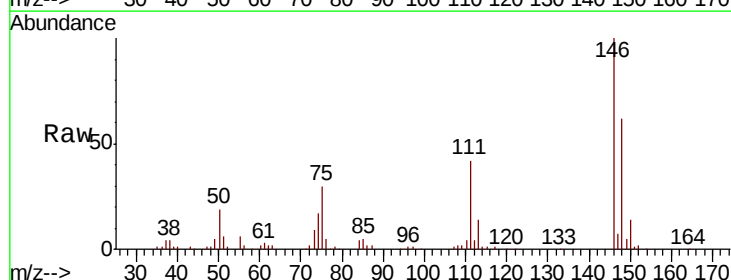
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

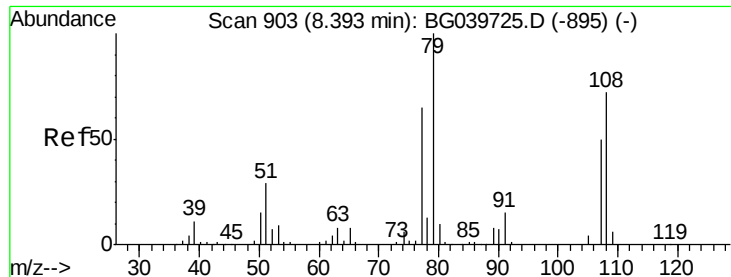
Tgt Ion:146 Resp: 129638
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 39.4 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 37.157 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion:146 Resp: 125853
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.5 77.3
 111 41.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.749 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

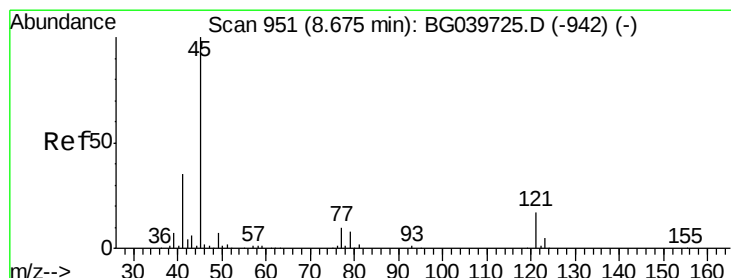
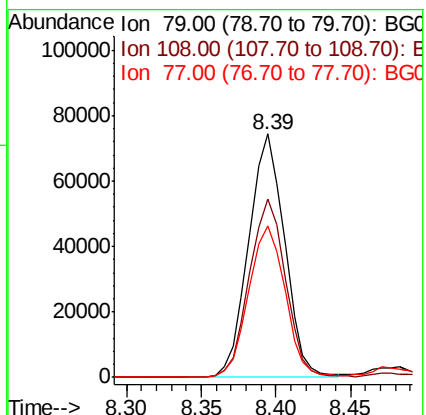
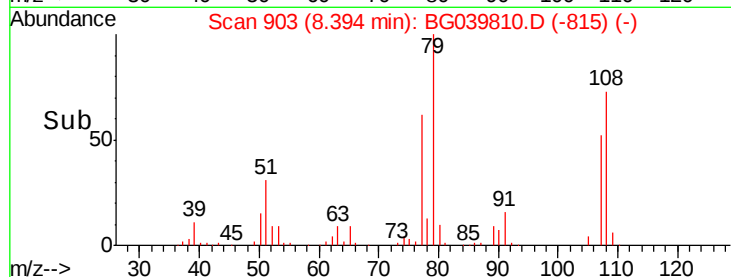
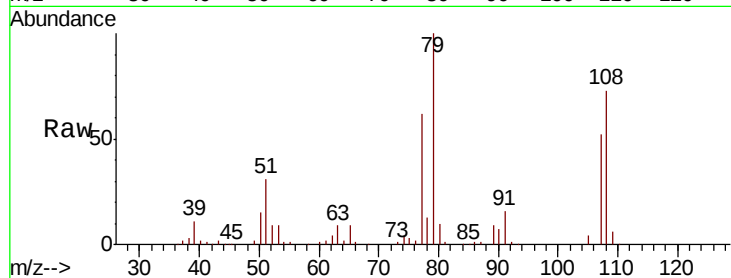
Tgt Ion: 79 Resp: 123861

Ion Ratio Lower Upper

79 100

108 73.5 57.8 86.6

77 62.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.345 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

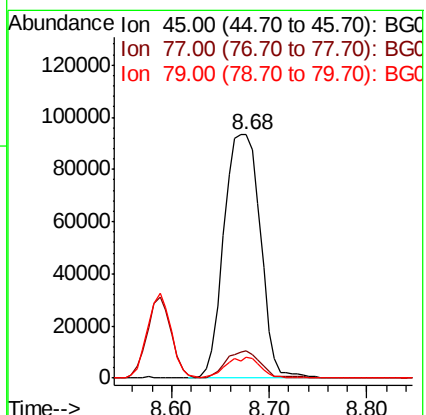
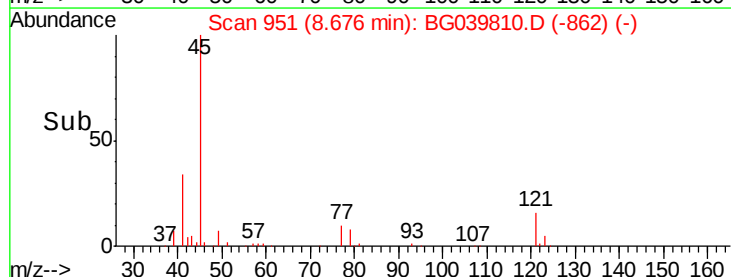
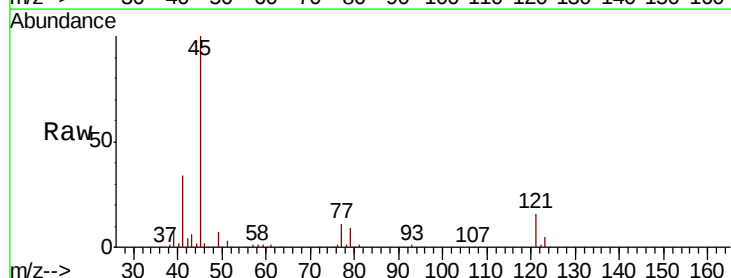
Tgt Ion: 45 Resp: 242261

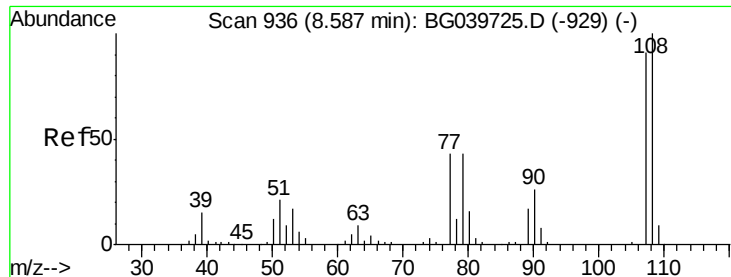
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.0

79 8.7 0.0 27.5

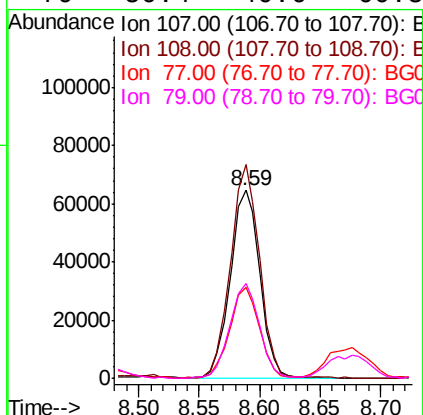
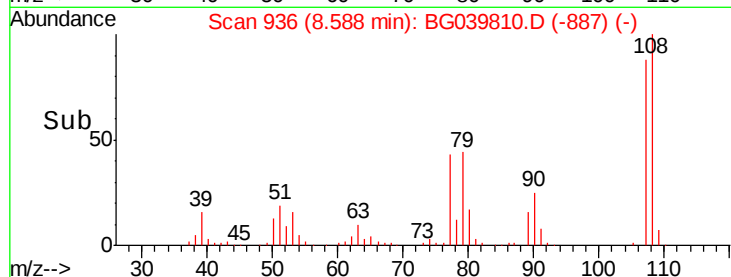
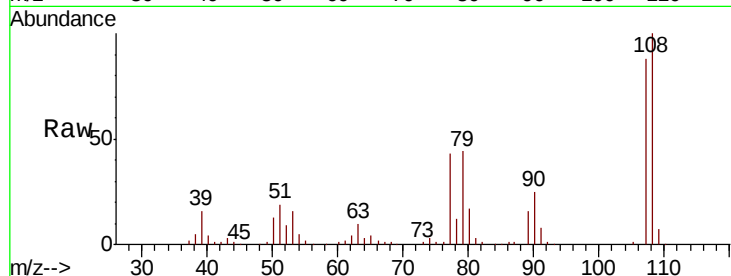




#17
2-Methylphenol
Concen: 42.707 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

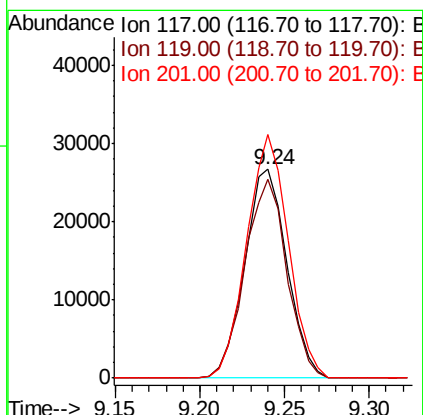
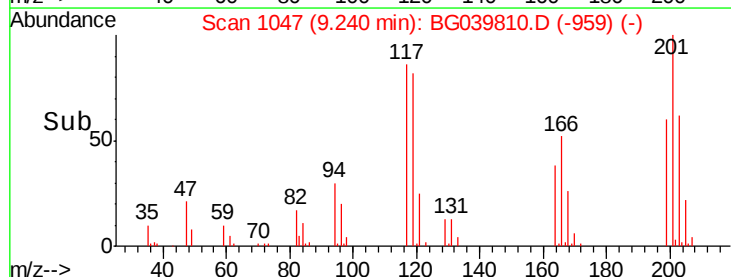
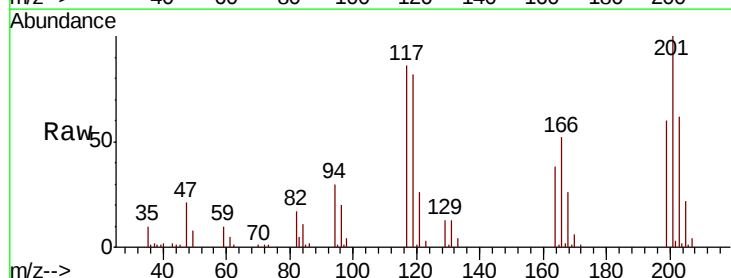
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

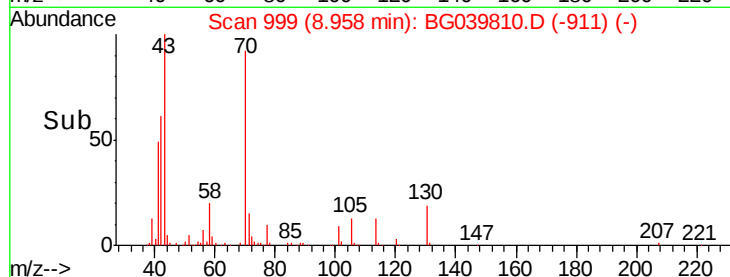
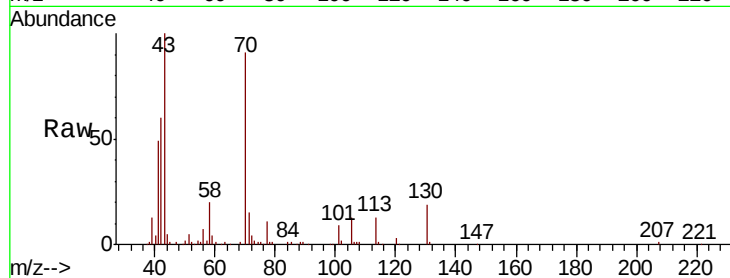
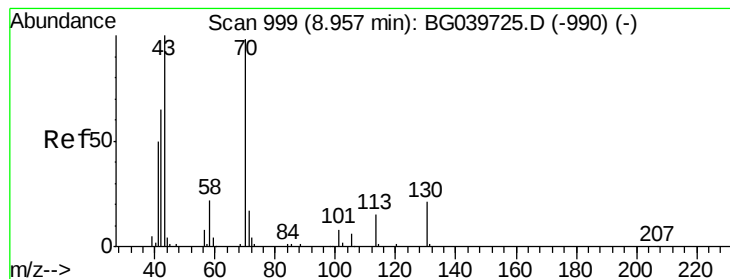
Tgt Ion:107 Resp: 110334
Ion Ratio Lower Upper
107 100
108 113.5 90.8 136.2
77 48.3 40.7 61.1
79 50.4 40.6 60.8



#18
Hexachloroethane
Concen: 36.843 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:117 Resp: 46343
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5
201 116.6 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.918 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

Tgt Ion: 70 Resp: 102076

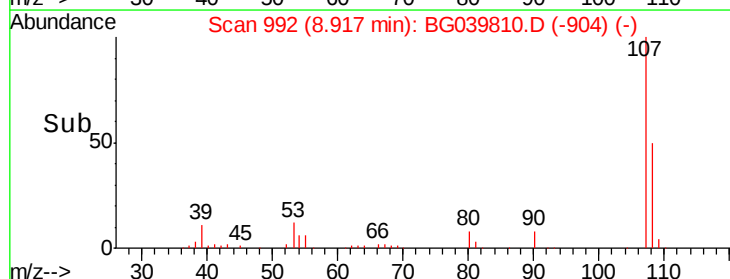
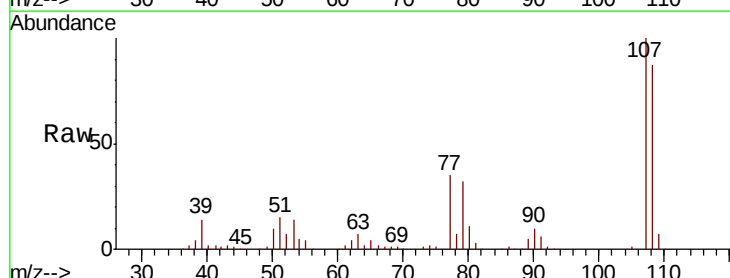
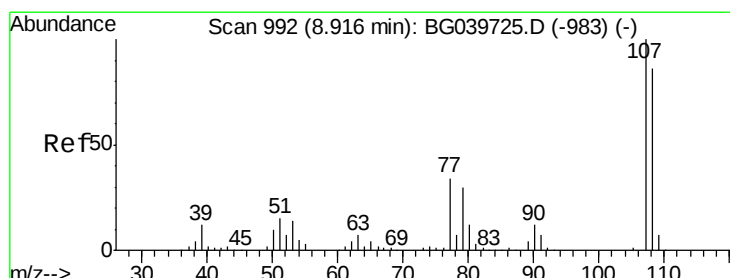
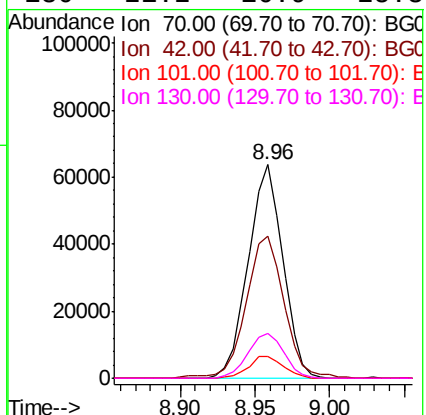
Ion Ratio Lower Upper

70 100

42 66.6 60.4 90.6

101 10.0 7.5 11.3

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.562 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Tgt Ion: 107 Resp: 152757

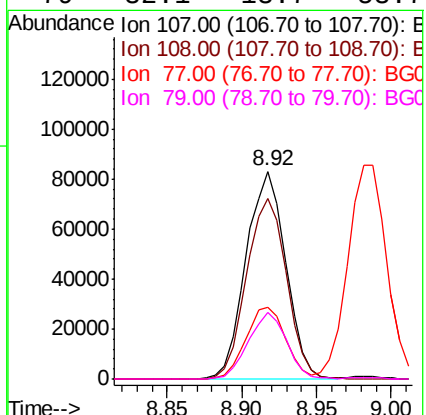
Ion Ratio Lower Upper

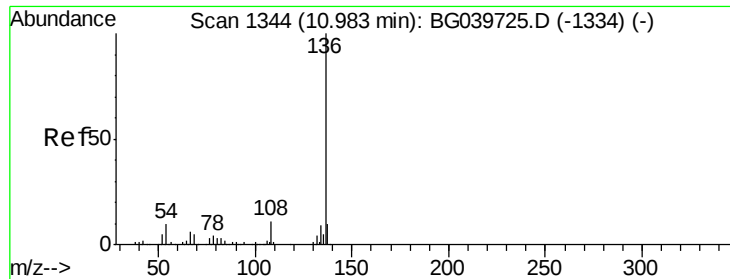
107 100

108 86.7 67.9 107.9

77 34.8 15.4 55.4

79 32.1 13.7 53.7

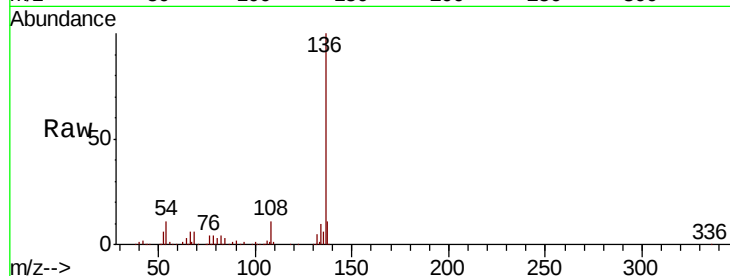




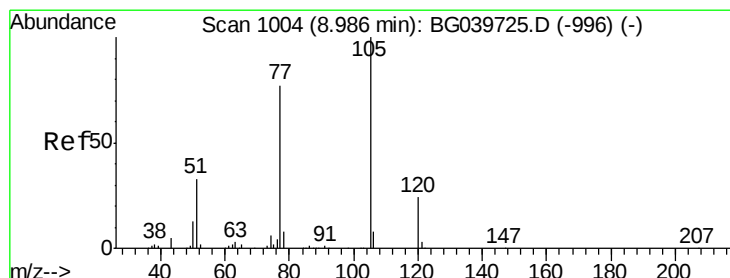
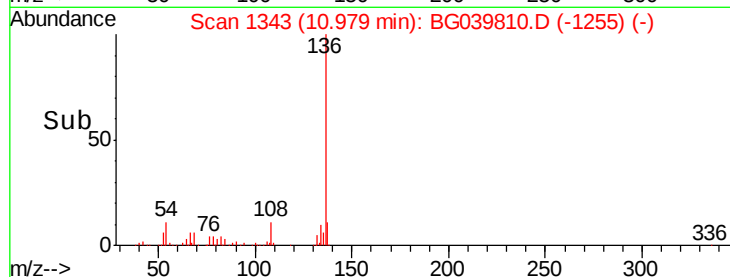
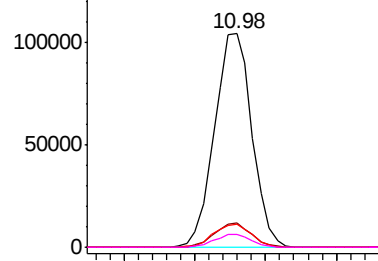
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:	136	Resp:	193091
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.7	9.4	14.2
68	5.8	4.2	6.4

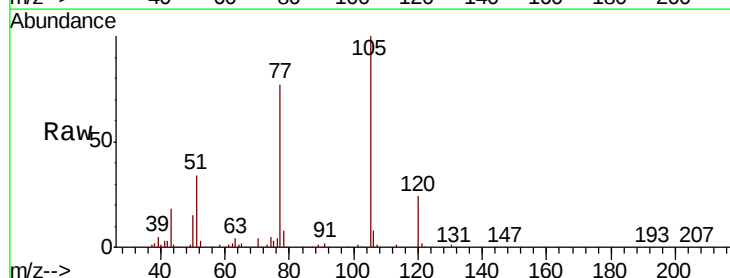


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

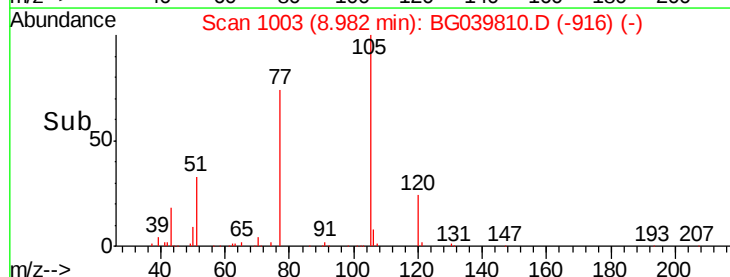
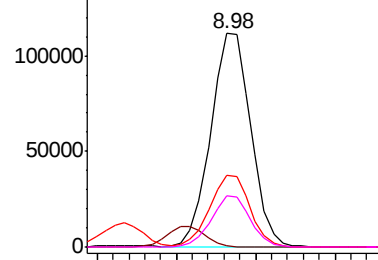


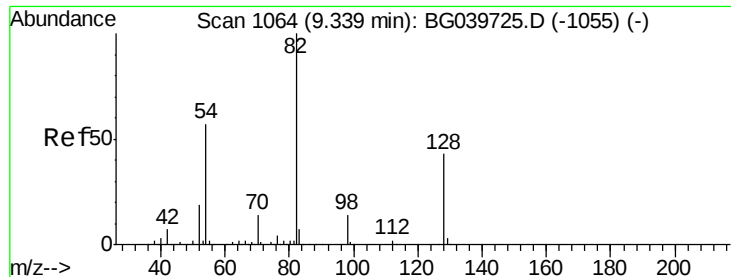
#22
Acetophenone
Concen: 37.683 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:	105	Resp:	195290
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.8	30.2	45.2
120	23.9	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

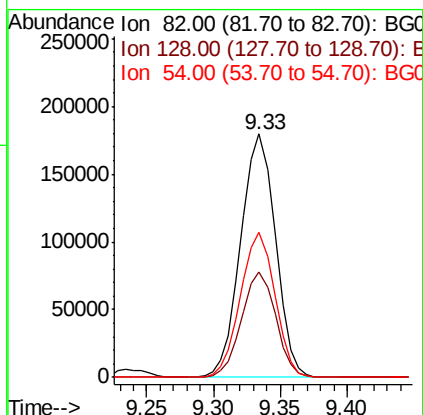
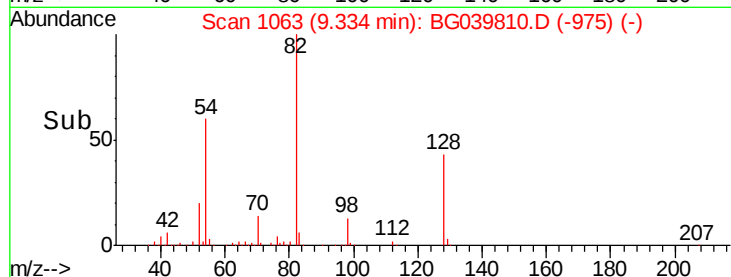
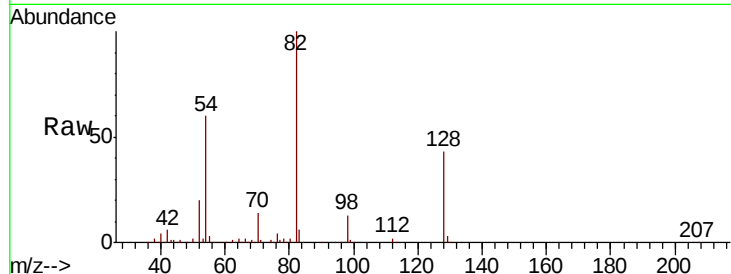




#23
Nitrobenzene-d5
Concen: 90.805 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

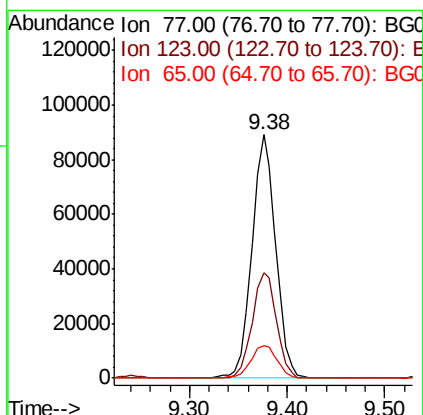
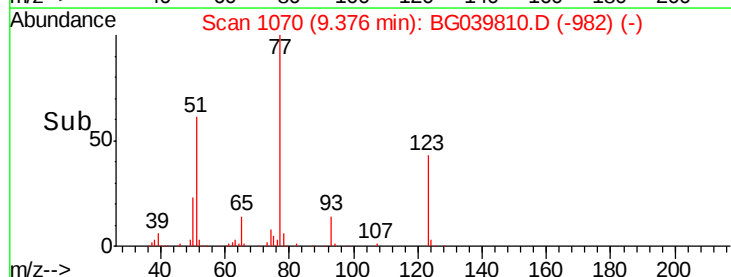
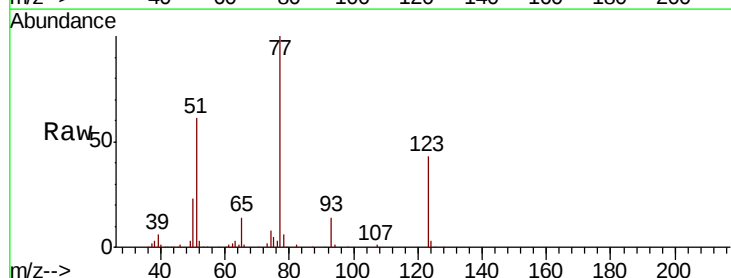
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

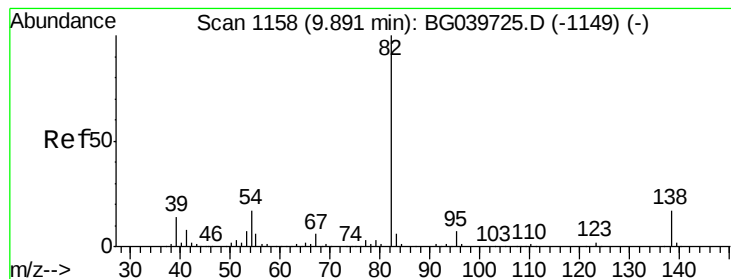
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.3	46.9
54	59.5	50.9	76.3



#24
Nitrobenzene
Concen: 40.559 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.1	51.1
65	13.6	12.3	18.5





#25

Isophorone

Concen: 40.022 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

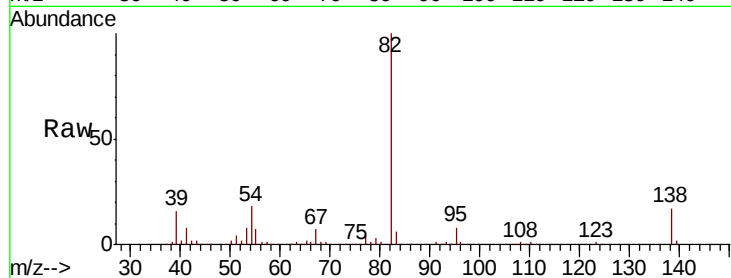
Tgt Ion: 82 Resp: 299397

Ion Ratio Lower Upper

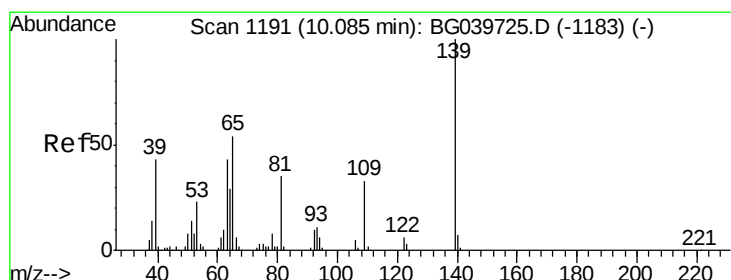
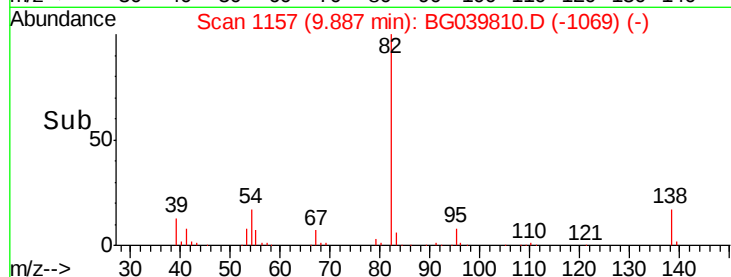
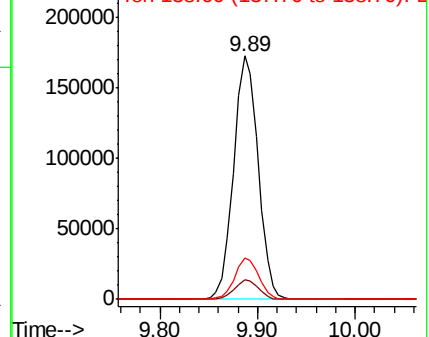
82 100

95 7.8 6.2 9.2

138 17.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.677 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

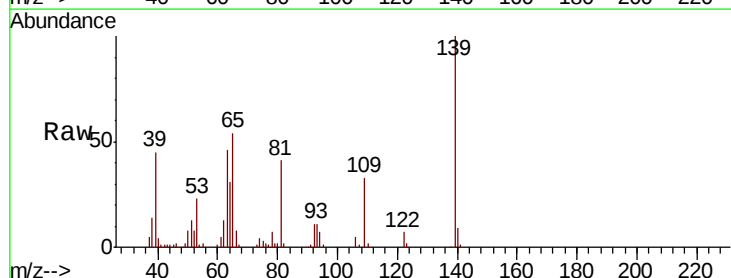
Tgt Ion: 139 Resp: 73559

Ion Ratio Lower Upper

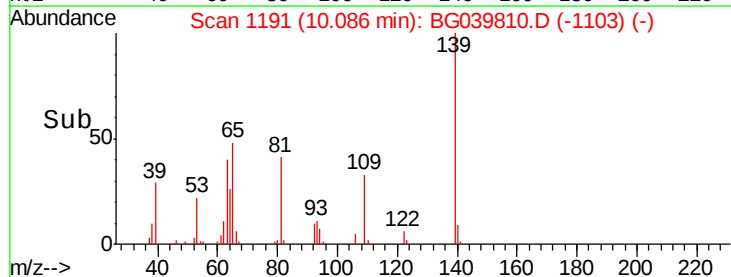
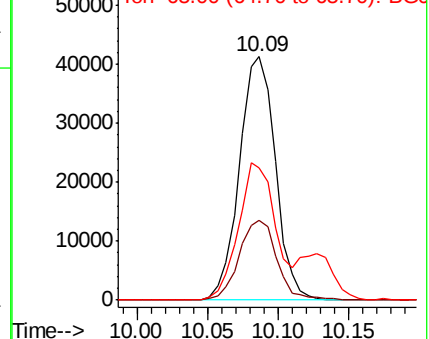
139 100

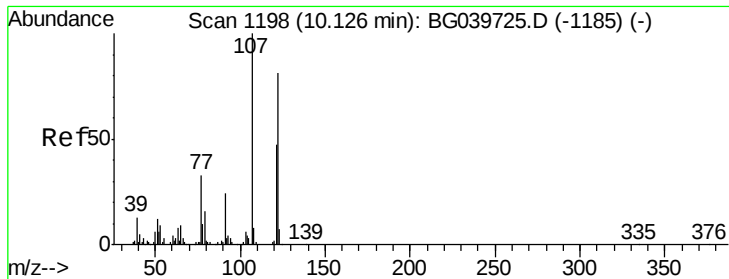
109 33.0 23.4 35.0

65 54.4 44.3 66.5



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

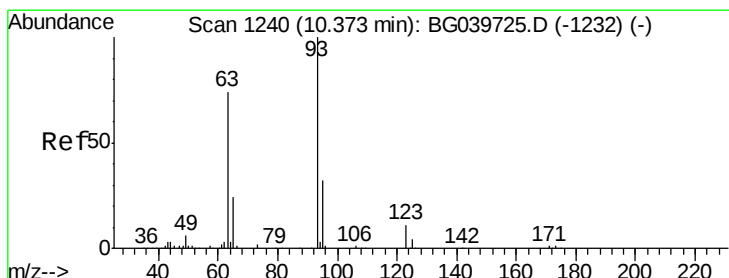
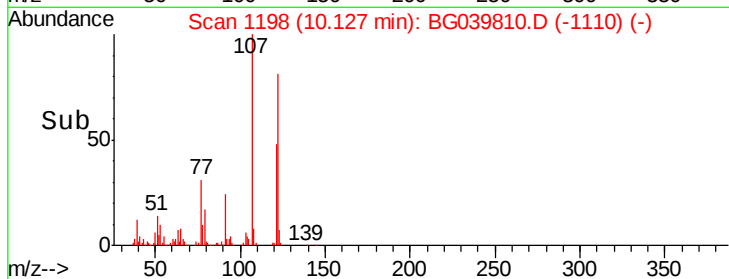
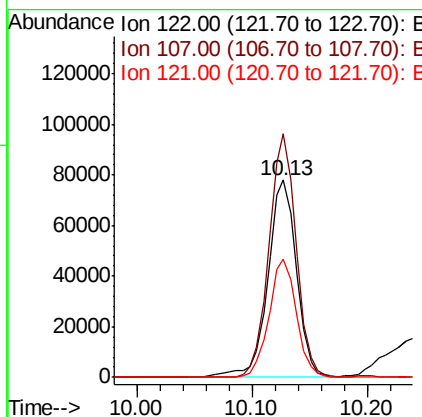
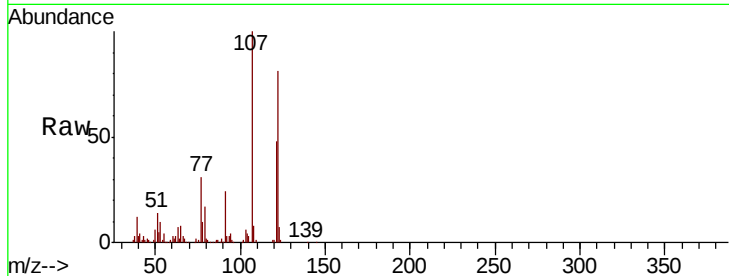




#27
2,4-Dimethylphenol
Concen: 47.974 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

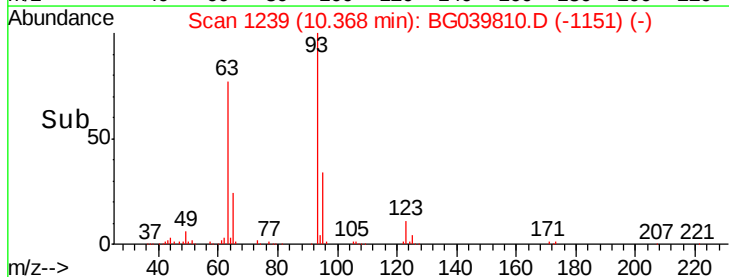
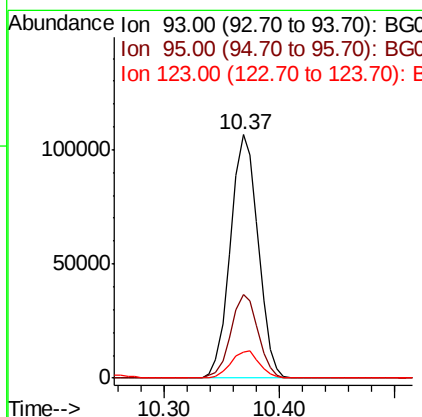
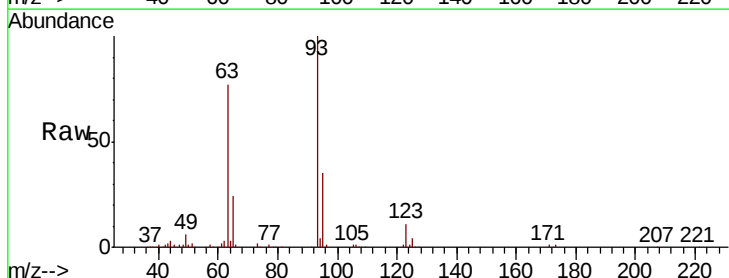
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.5	91.7	137.5
121	59.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.945 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.0	37.4
123	10.8	8.6	12.8

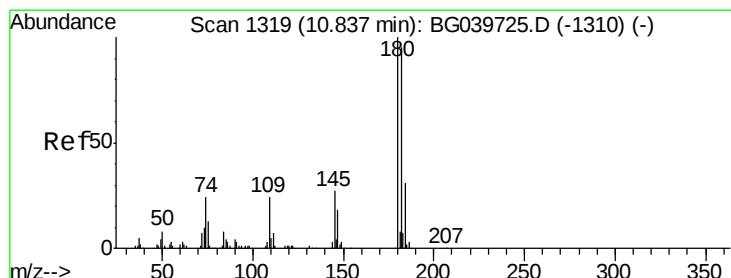
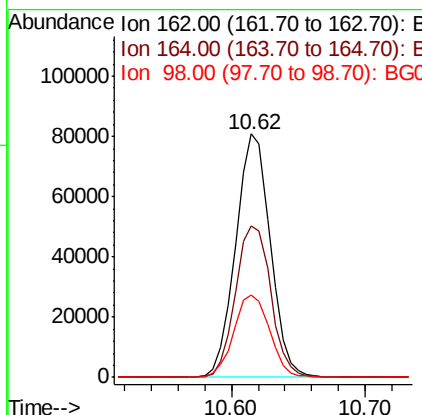
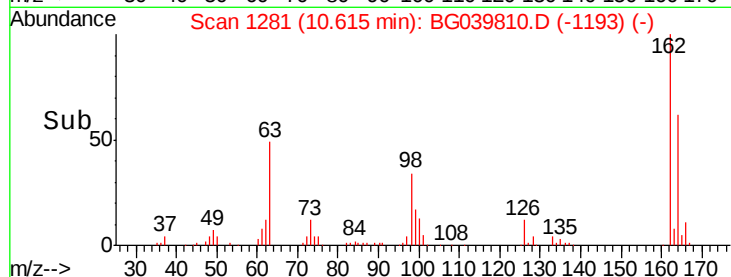
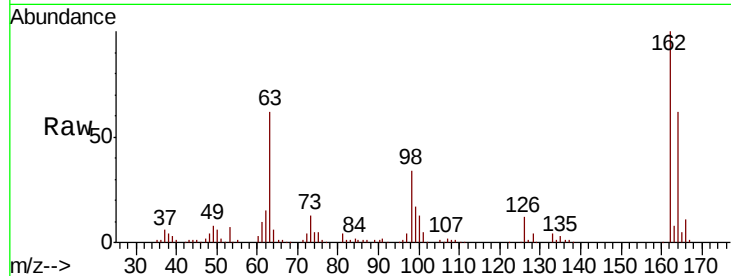




#29
 2,4-Dichlorophenol
 Concen: 45.847 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

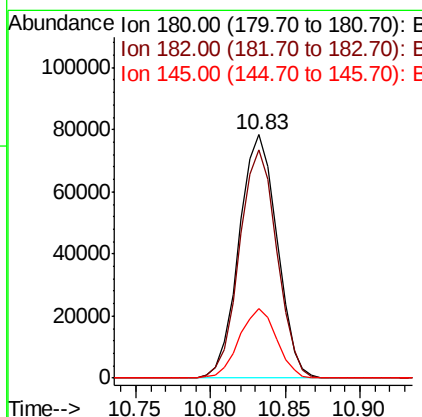
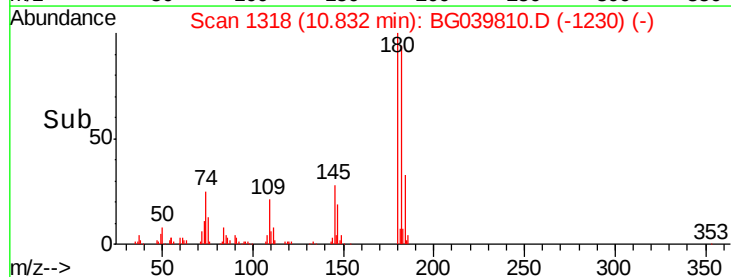
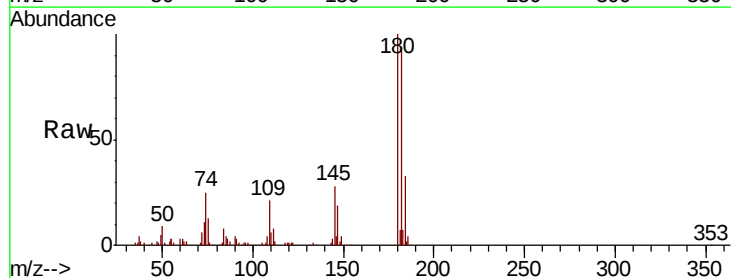
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

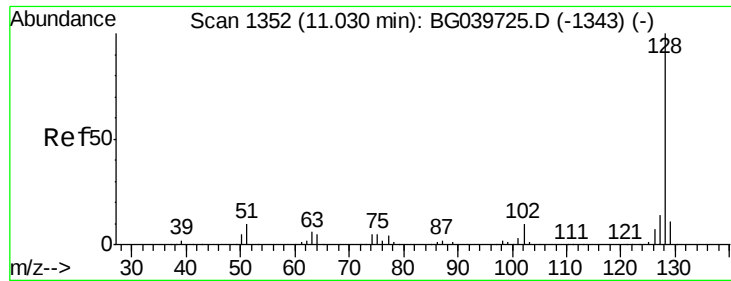
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	48.1	88.1
98	33.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.846 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	28.5	22.7	34.1

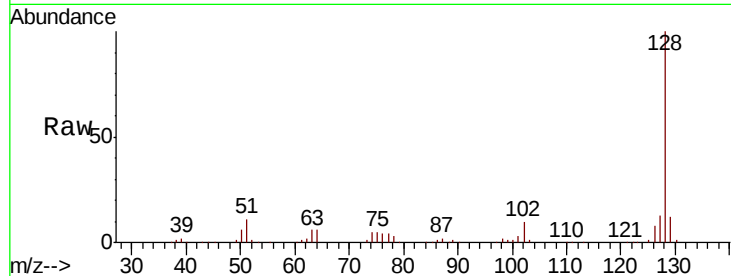




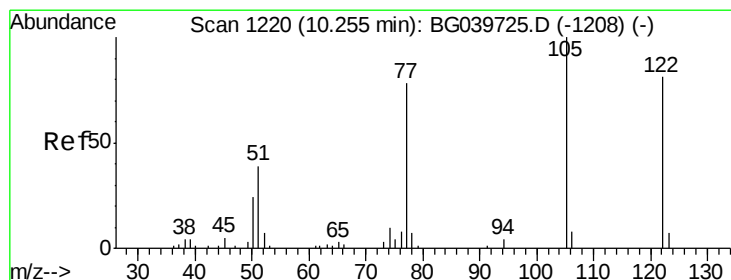
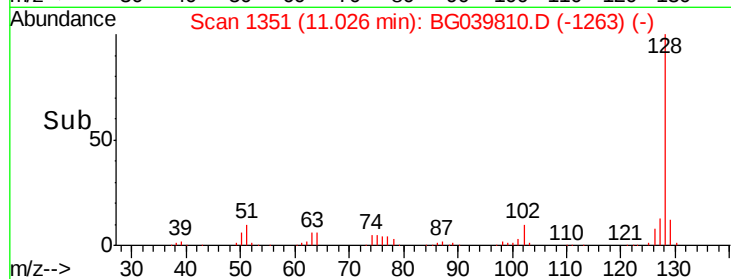
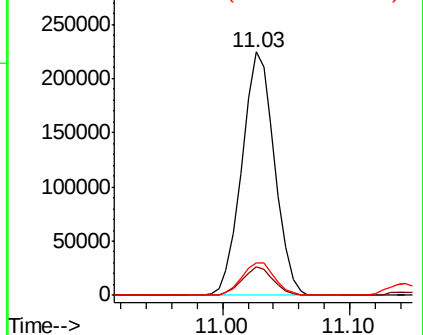
#31
Naphthalene
Concen: 39.042 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:128 Resp: 399142
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.4 10.8 16.2

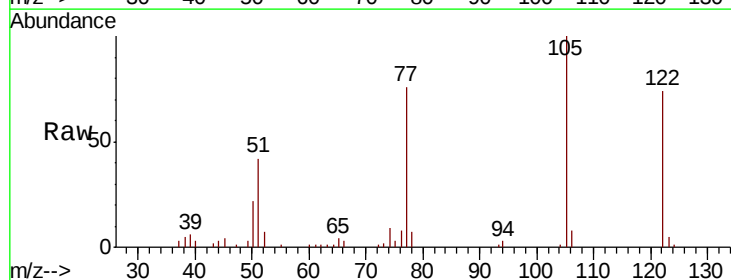


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

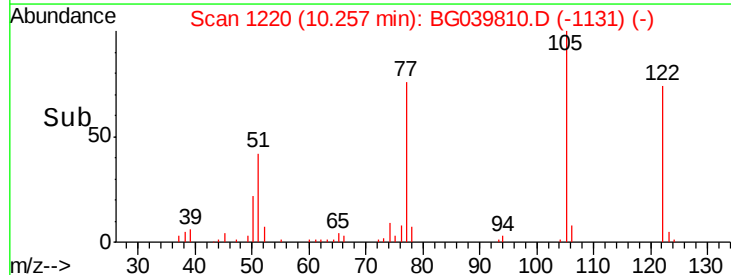
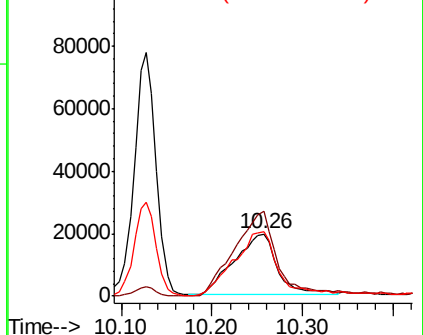


#32
Benzoic acid
Concen: 35.743 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:122 Resp: 65251
Ion Ratio Lower Upper
122 100
105 135.0 101.8 141.8
77 103.1 76.3 116.3



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

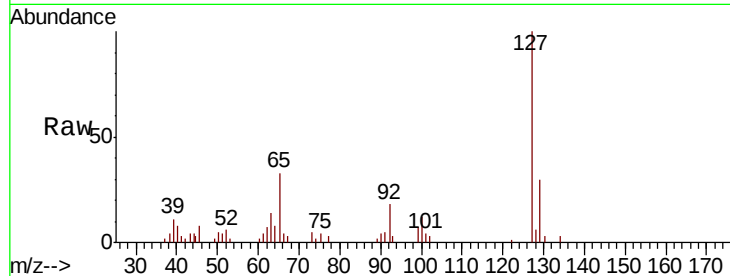




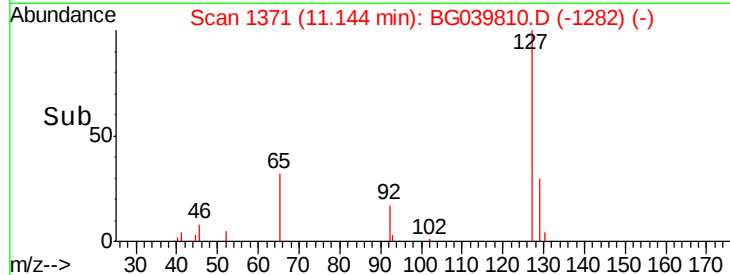
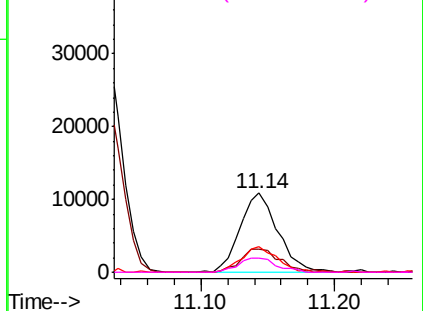
#33
4-Chloroaniline
Concen: 4.919 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:	127	Resp:	21324
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.0	40.4
65	32.6	28.8	43.2
92	17.6	16.6	25.0

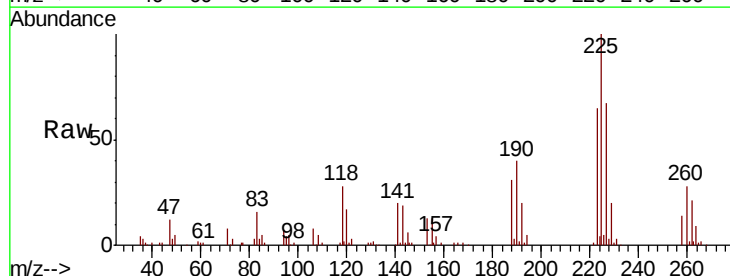


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

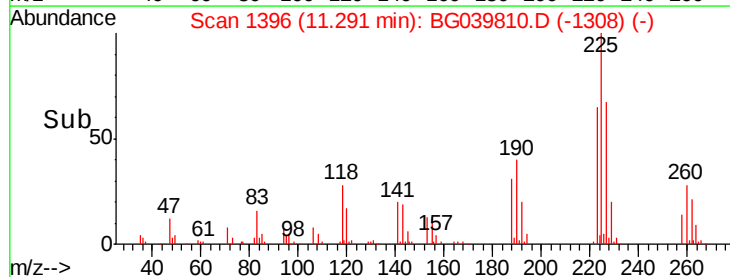
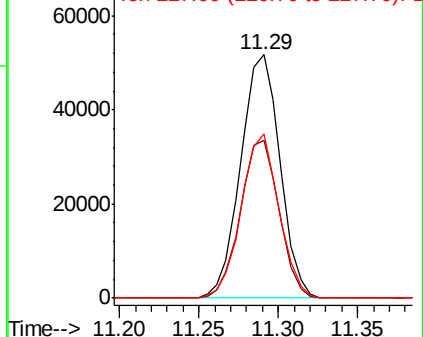


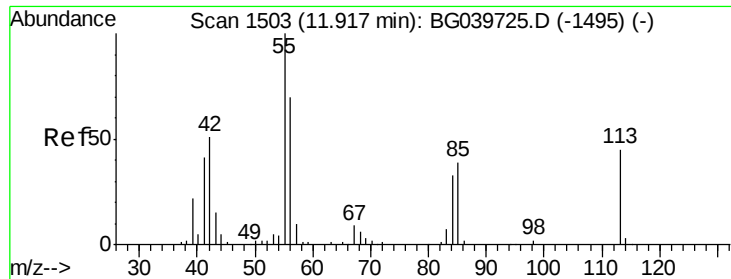
#34
Hexachlorobutadiene
Concen: 36.527 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:	225	Resp:	88938
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.0	73.6
227	67.2	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

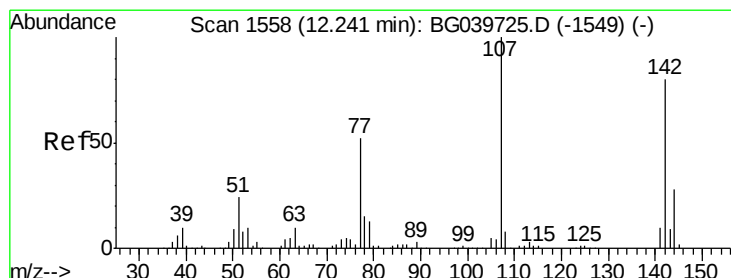
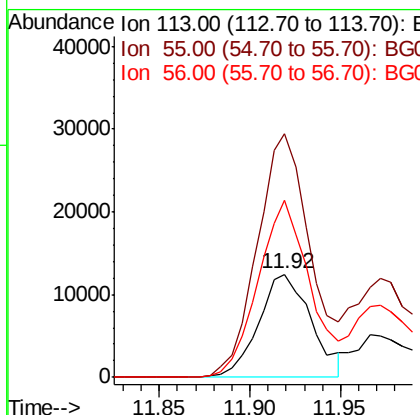
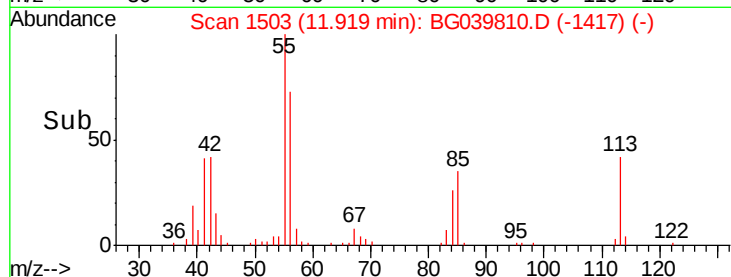
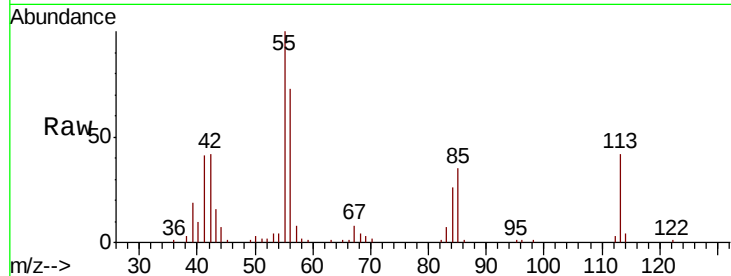




#35
 Caprolactam
 Concen: 20.754 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

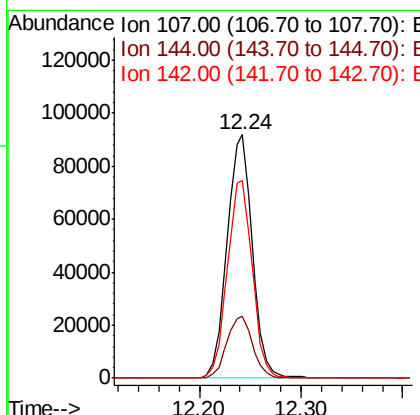
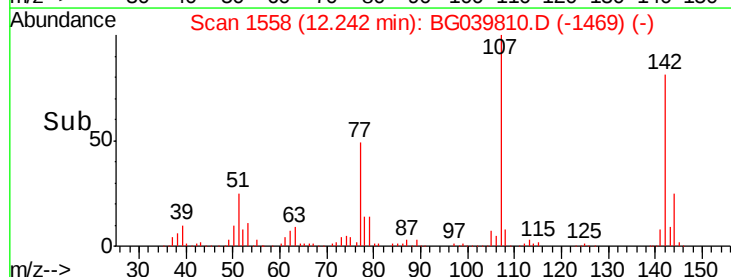
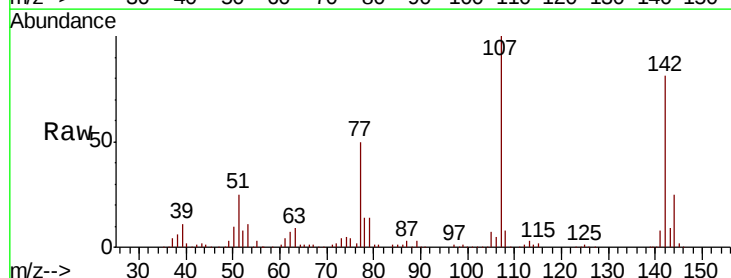
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

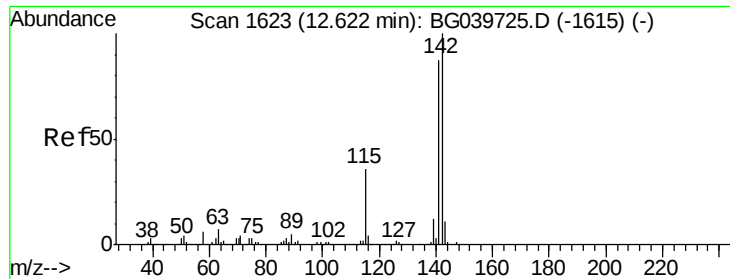
Tgt Ion:113 Resp: 25104
 Ion Ratio Lower Upper
 113 100
 55 235.6 216.9 256.9
 56 171.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.593 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion:107 Resp: 158238
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 81.3 61.4 92.2

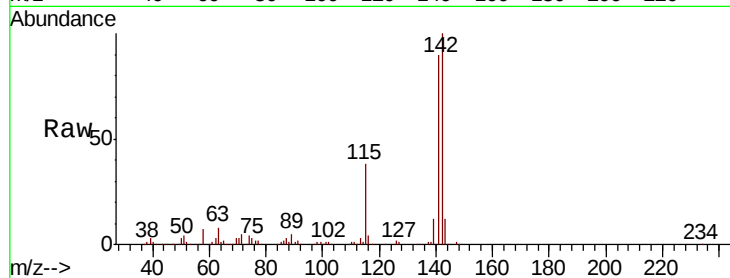




#37
2-Methylnaphthalene
Concen: 40.560 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	38.0	30.8	46.2

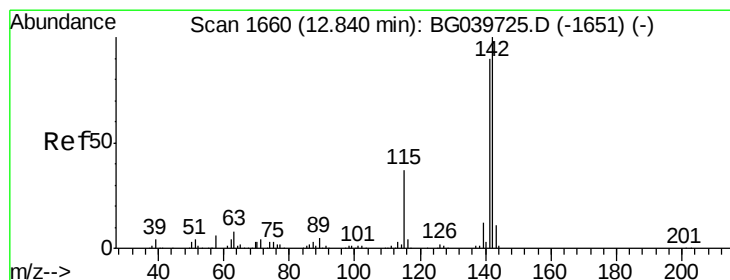
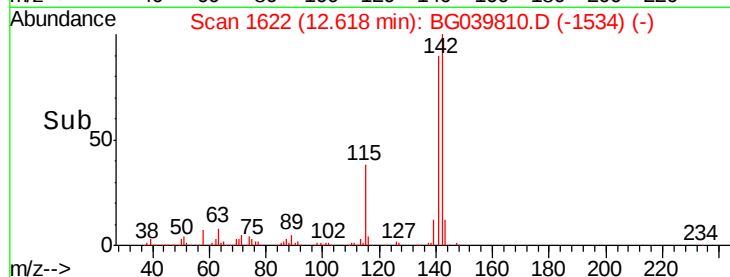
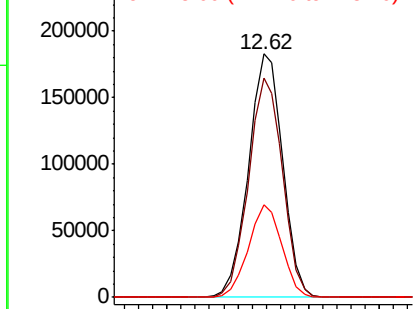


Abundance

Ion 142.00 (141.70 to 142.70): E

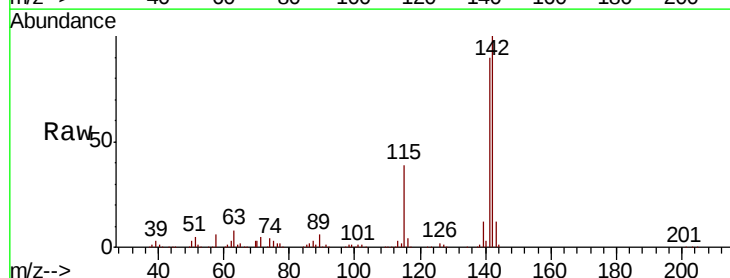
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.171 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	4.5	3.0	4.6

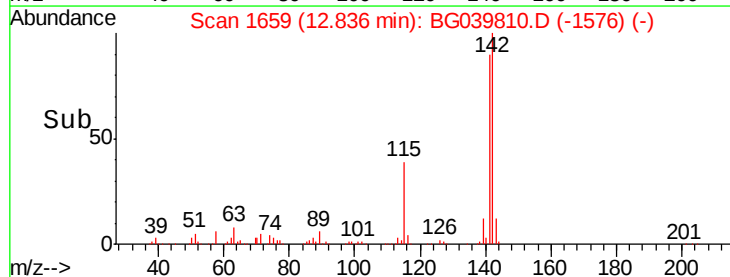
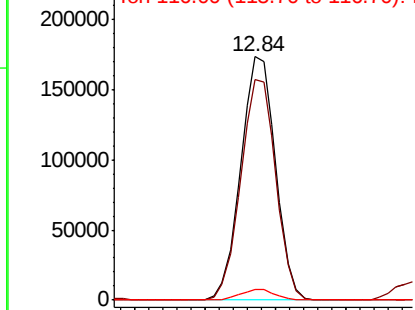


Abundance

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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

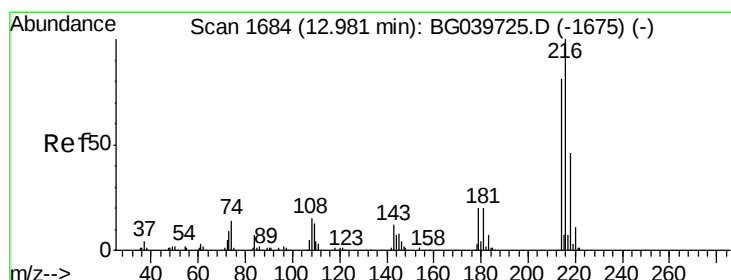
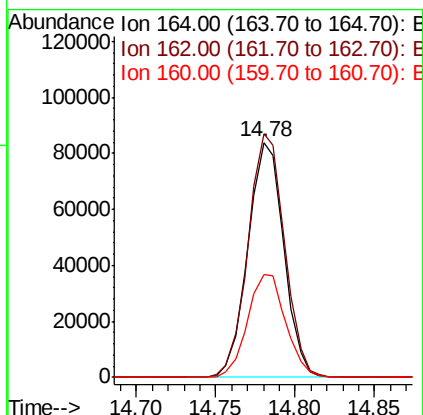
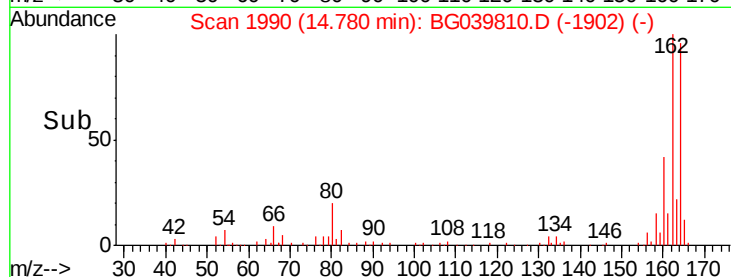
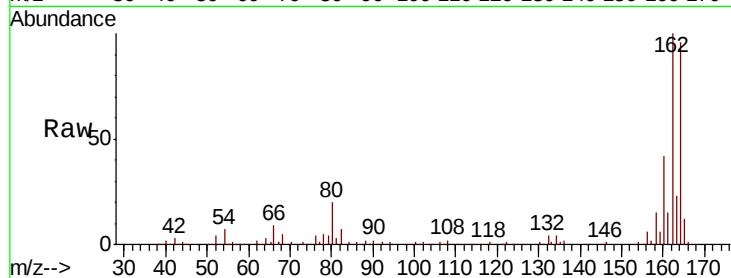
Tgt Ion:164 Resp: 131890

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 43.7 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.355 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Tgt Ion:216 Resp: 171374

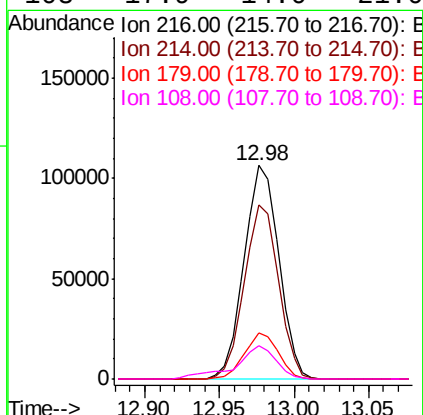
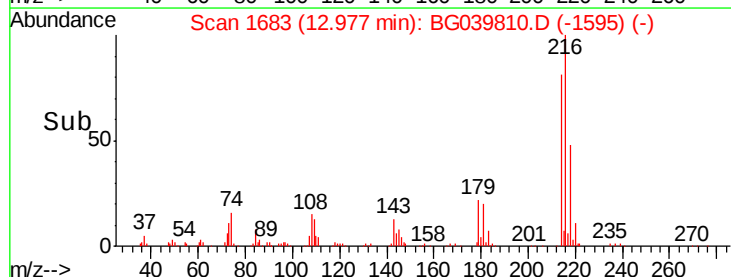
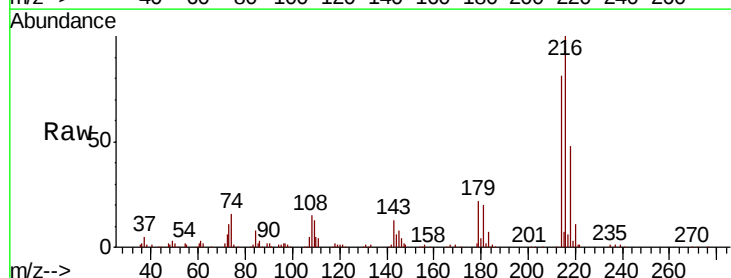
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.9 16.6 25.0

108 17.9 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 80.744 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

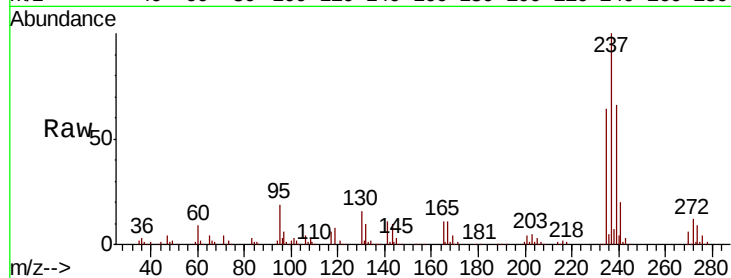
Tgt Ion:237 Resp: 193340

Ion Ratio Lower Upper

237 100

235 64.0 43.3 83.3

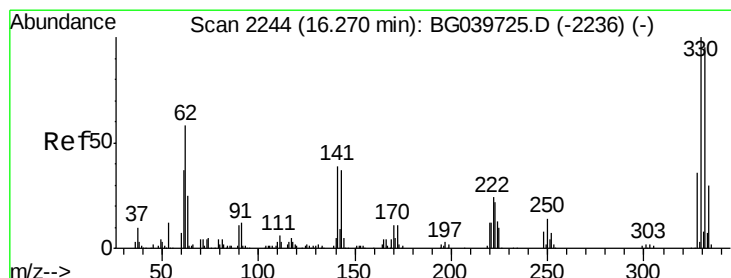
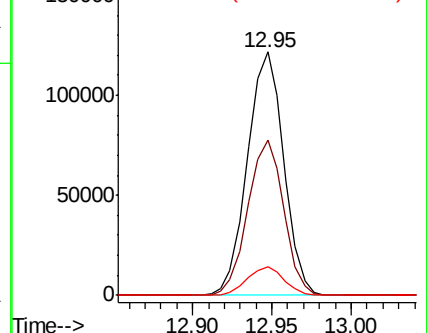
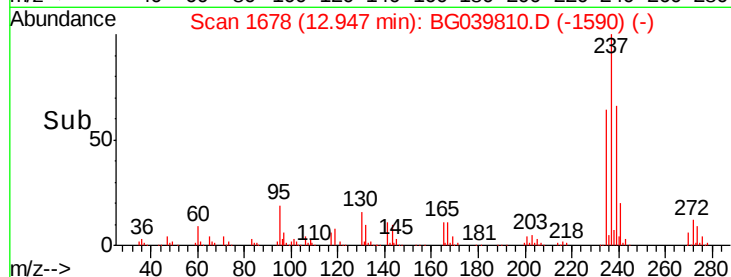
272 11.9 0.0 32.3



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: 147.469 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

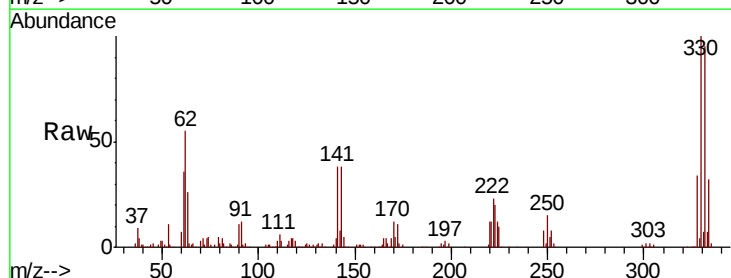
Tgt Ion:330 Resp: 226701

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

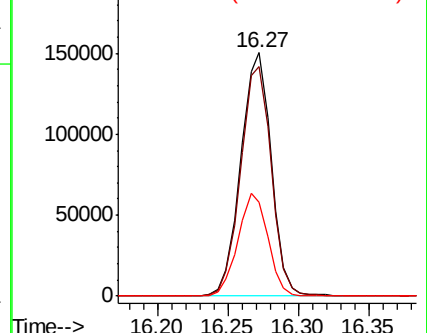
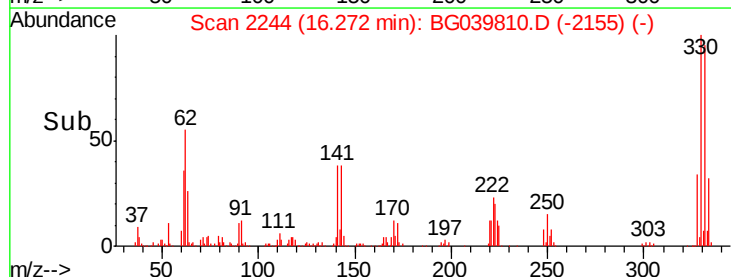
141 41.7 35.6 53.4

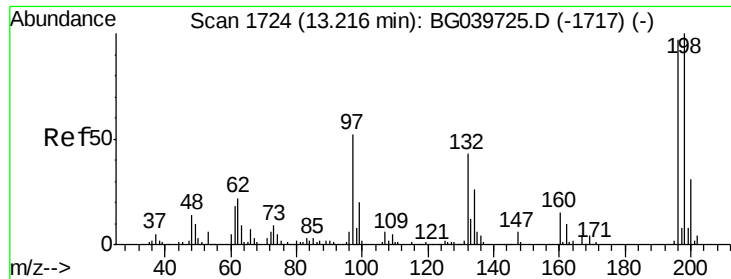


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

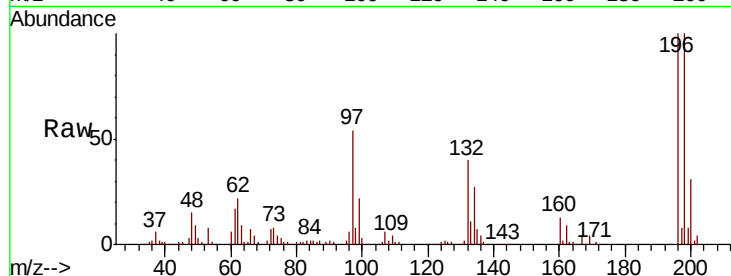




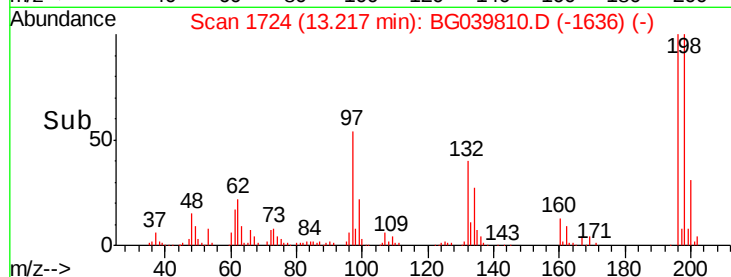
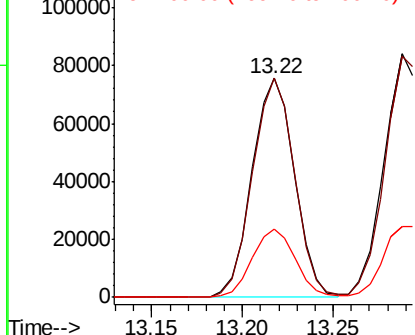
#43
 2,4,6-Trichlorophenol
 Concen: 47.115 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

Tgt Ion:196 Resp: 123248
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.6 121.0
 200 31.0 26.1 39.1



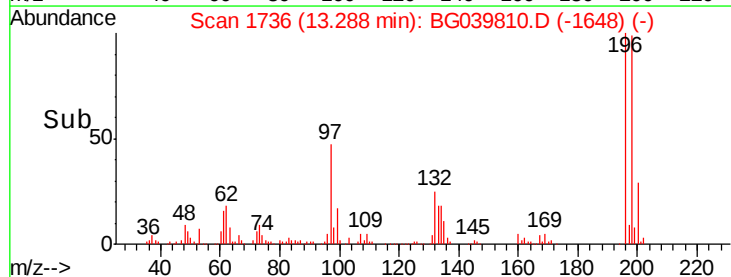
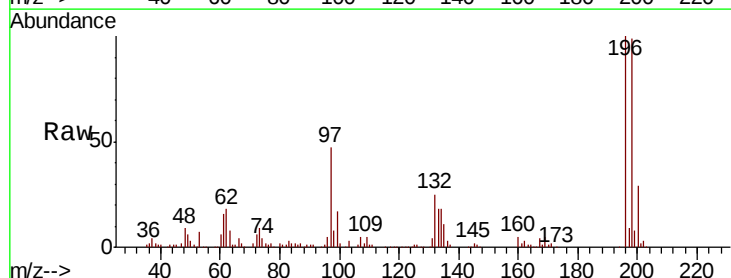
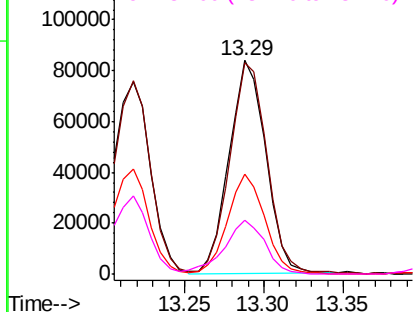
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

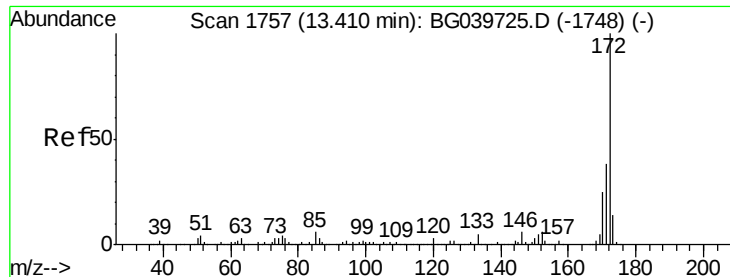


#44
 2,4,5-Trichlorophenol
 Concen: 45.462 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion:196 Resp: 134046
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.5 117.7
 97 46.5 38.4 57.6
 132 25.4 19.2 28.8

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

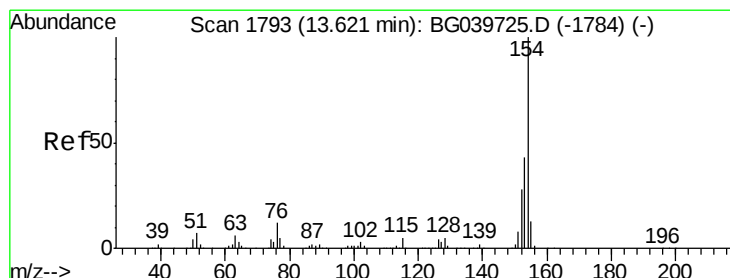
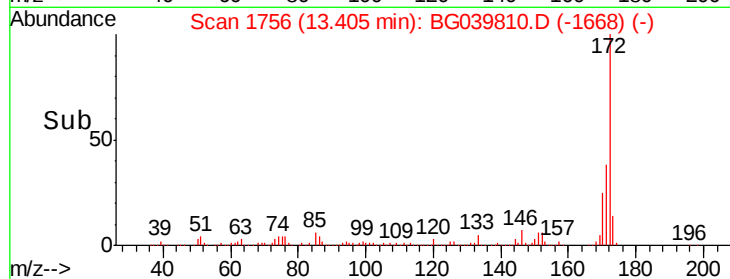
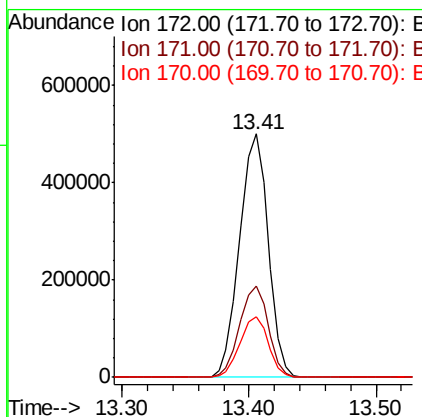
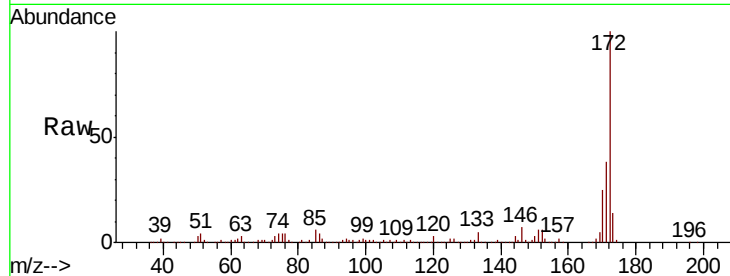




#45
 2-Fluorobiphenyl
 Concen: 84.565 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

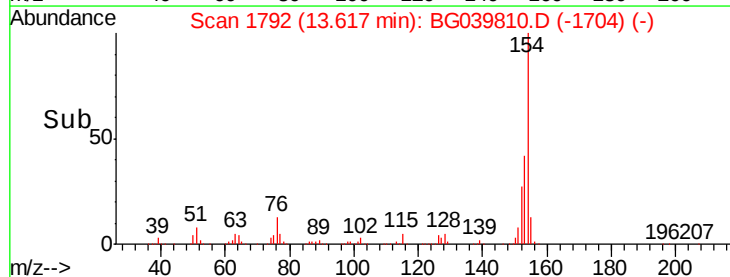
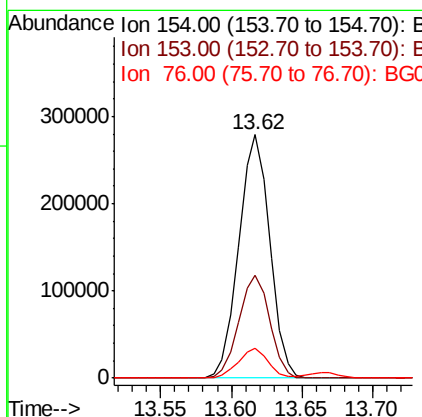
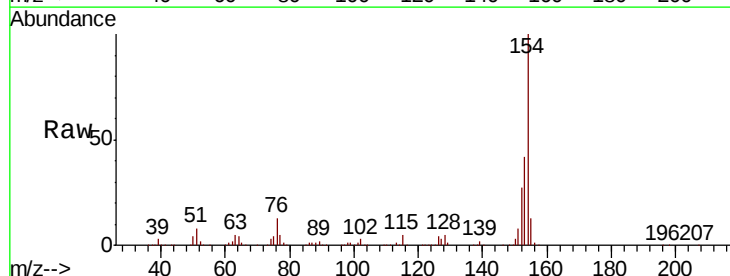
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

Tgt Ion:172 Resp: 783333
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.411 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion:154 Resp: 427520
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 12.5 0.0 32.4

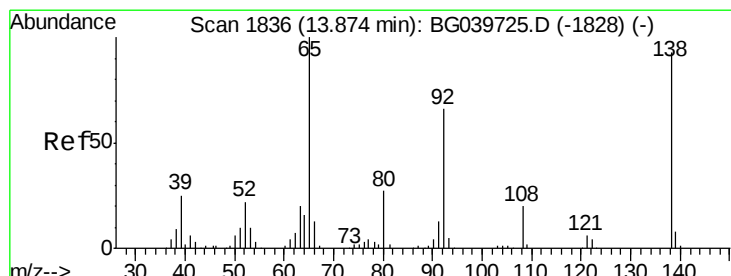
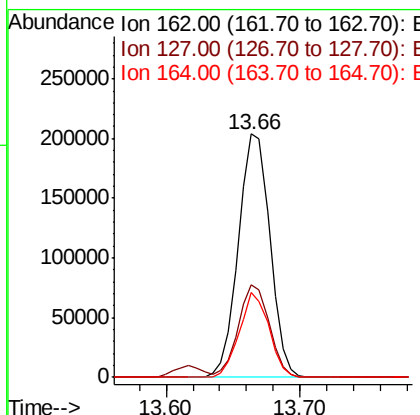
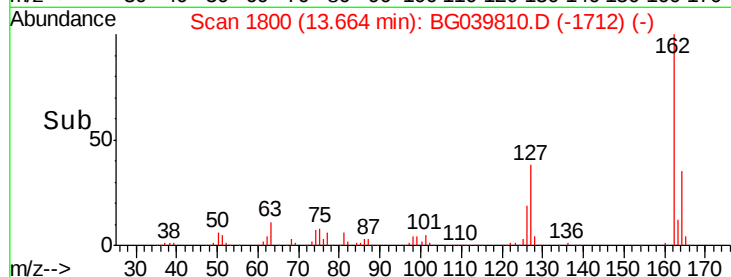
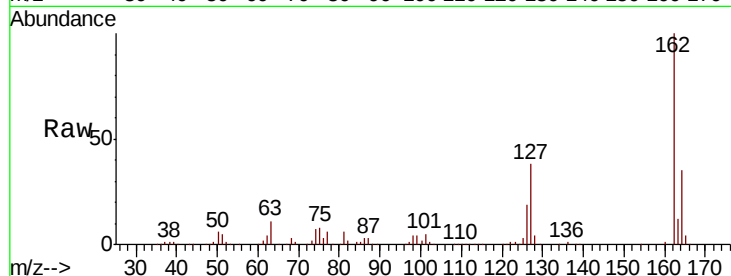




#47
 2-Chloronaphthalene
 Concen: 40.809 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

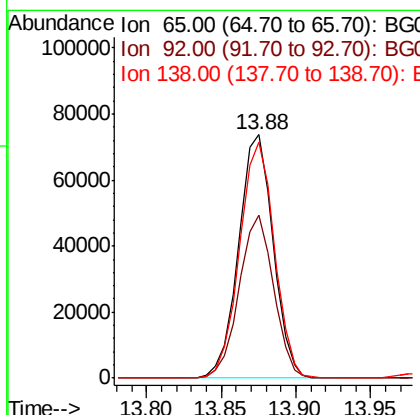
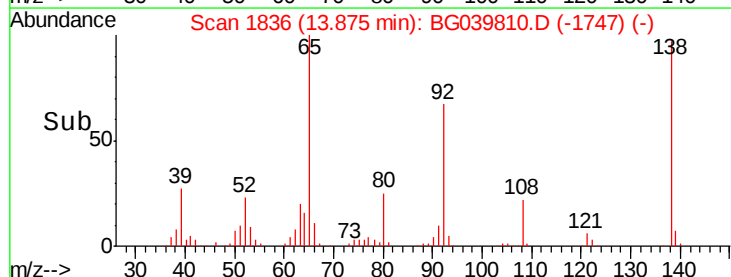
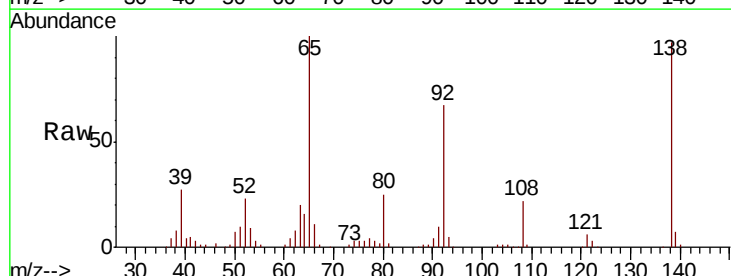
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

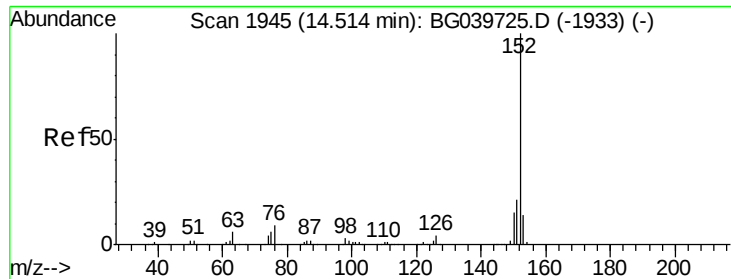
Tgt Ion: 162 Resp: 333033
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 34.8 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.051 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion: 65 Resp: 118151
 Ion Ratio Lower Upper
 65 100
 92 67.0 51.4 77.2
 138 96.6 71.4 107.2





#49

Acenaphthylene

Concen: 40.393 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

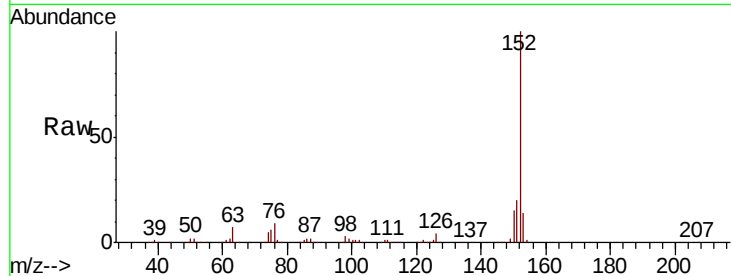
Tgt Ion:152 Resp: 541128

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

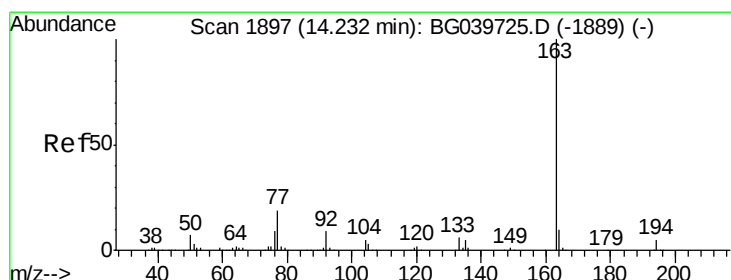
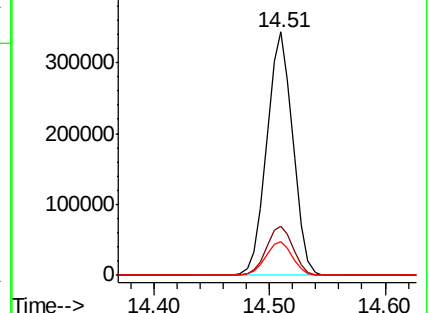
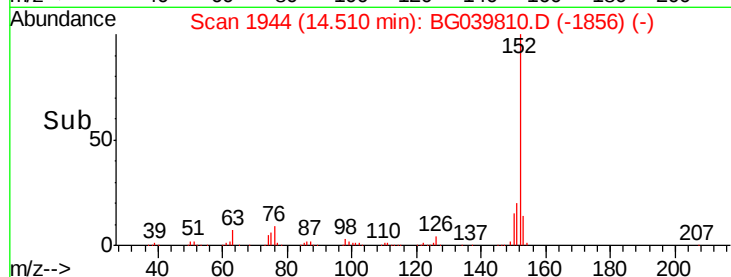
153 13.9 11.7 17.5



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: 41.819 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

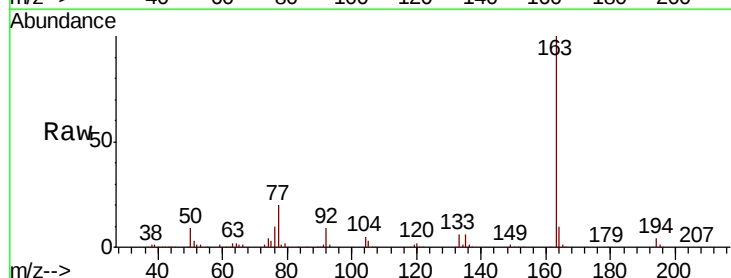
Tgt Ion:163 Resp: 461202

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

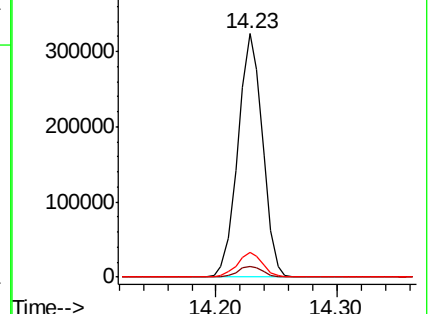
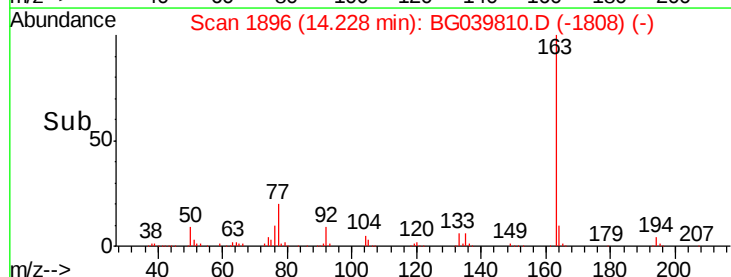
164 10.1 8.4 12.6



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: 44.593 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

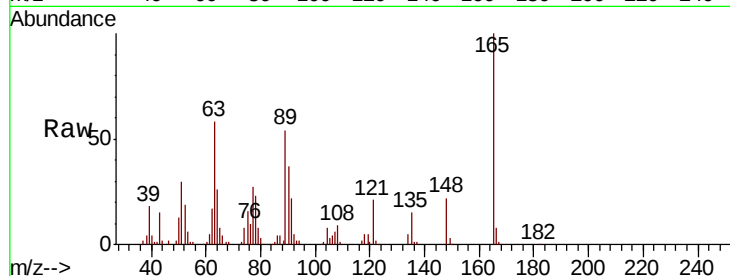
Tgt Ion:165 Resp: 104257

Ion Ratio Lower Upper

165 100

63 58.3 47.0 70.6

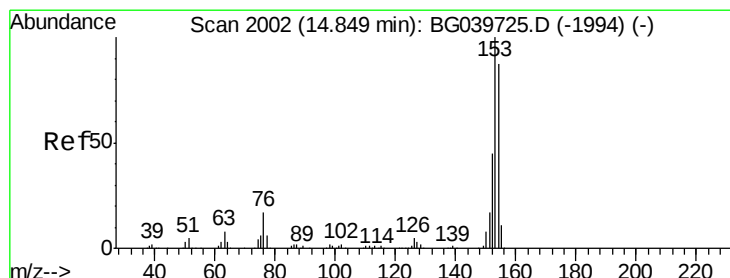
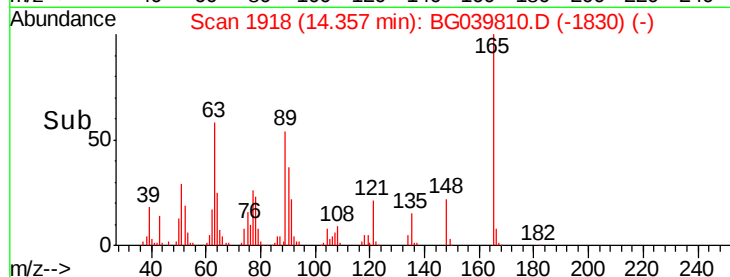
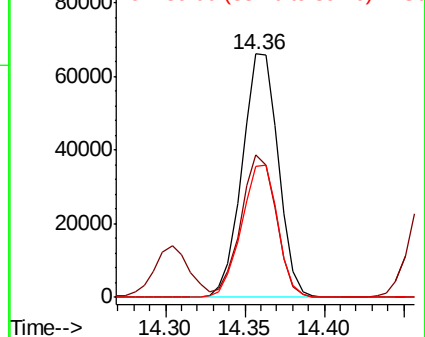
89 54.1 45.8 68.8



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



#52

Acenaphthene

Concen: 40.468 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

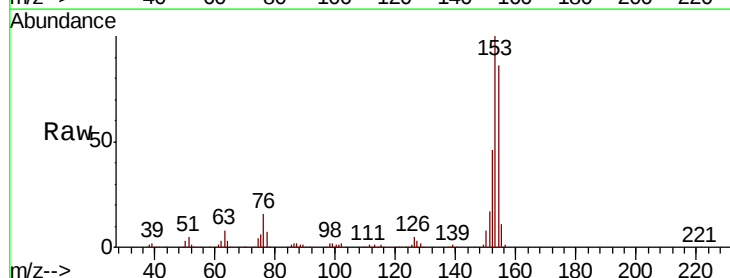
Tgt Ion:154 Resp: 326298

Ion Ratio Lower Upper

154 100

153 115.8 90.1 135.1

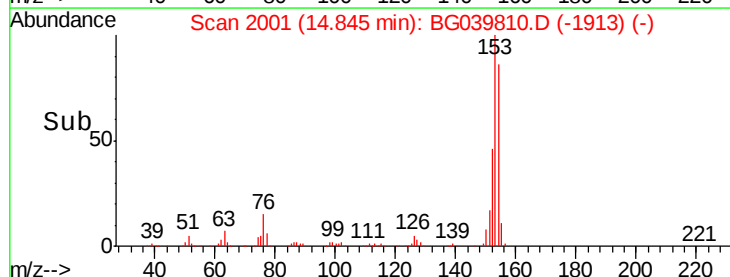
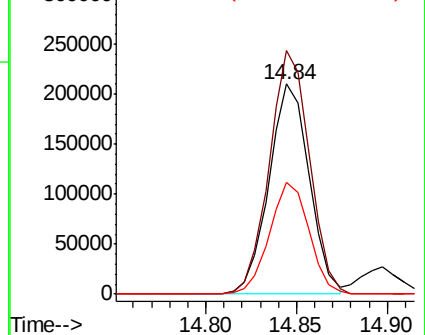
152 52.9 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

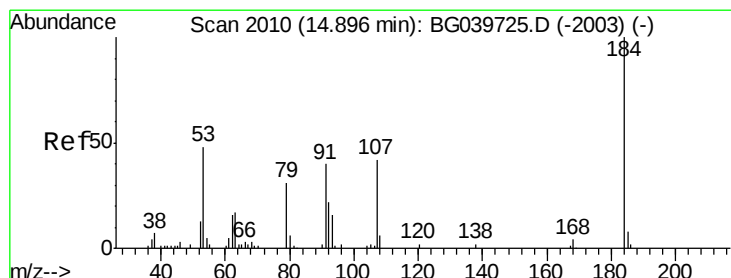
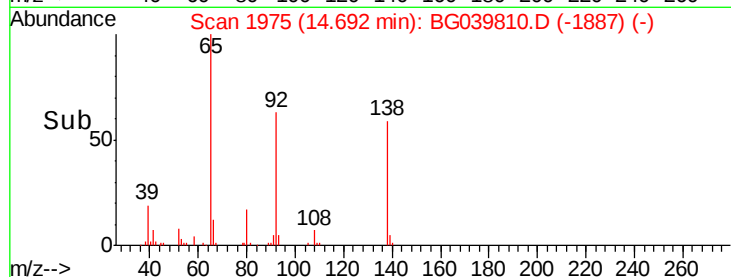
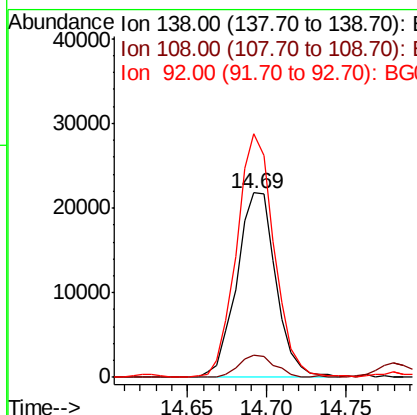
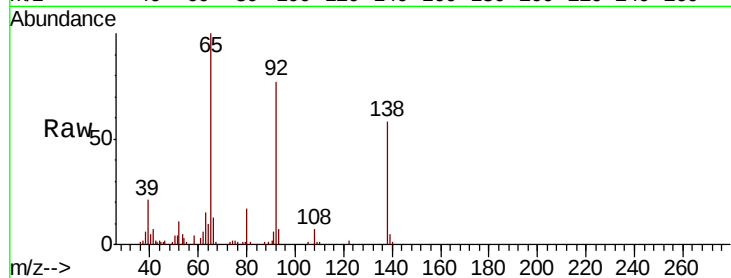




#53
3-Nitroaniline
Concen: 15.851 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

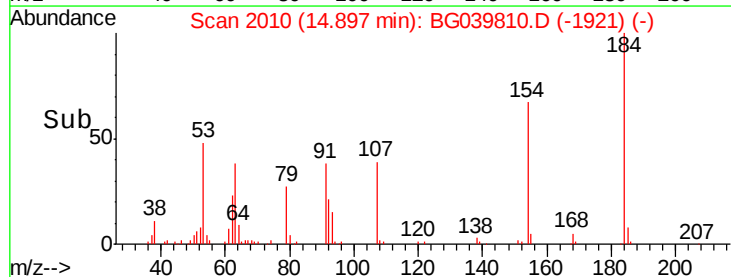
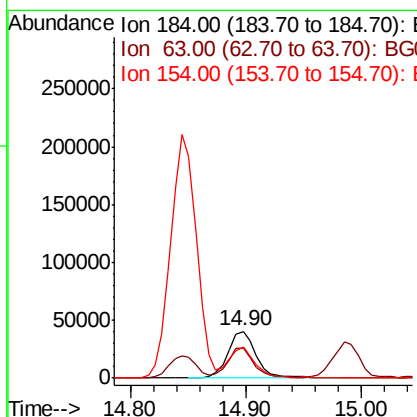
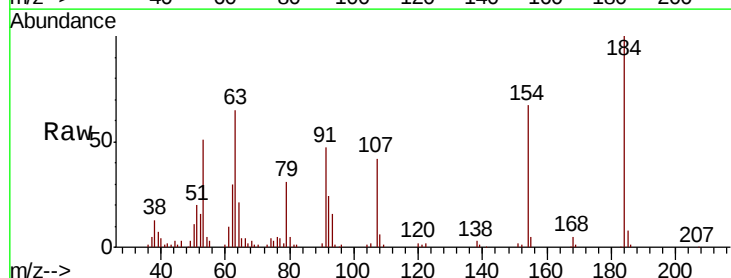
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:138 Resp: 37253
Ion Ratio Lower Upper
138 100
108 12.0 13.8 20.8#
92 132.1 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 49.097 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:184 Resp: 69186
Ion Ratio Lower Upper
184 100
63 64.5 50.9 76.3
154 66.9 53.0 79.6

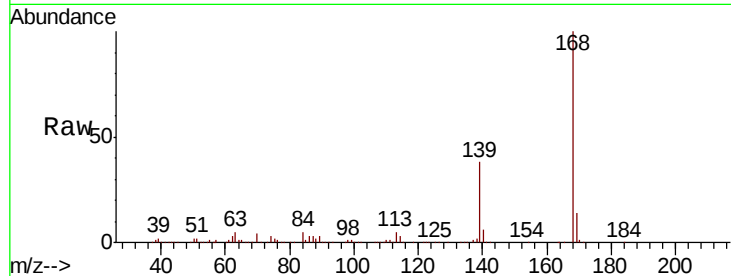




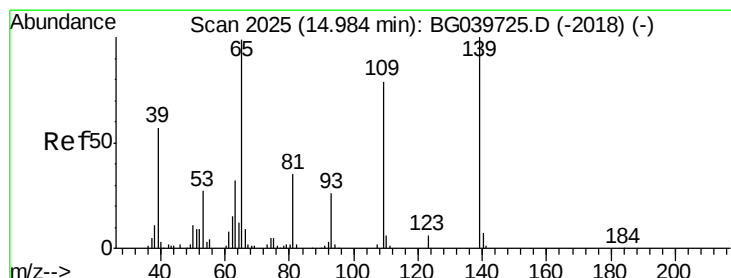
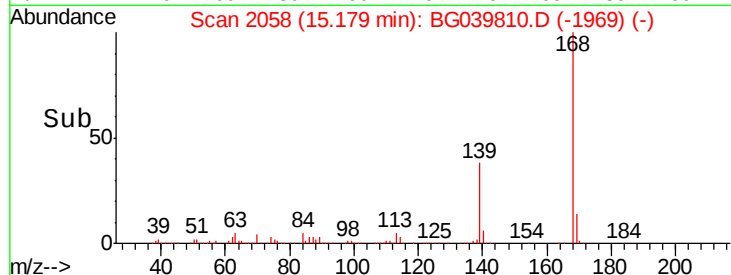
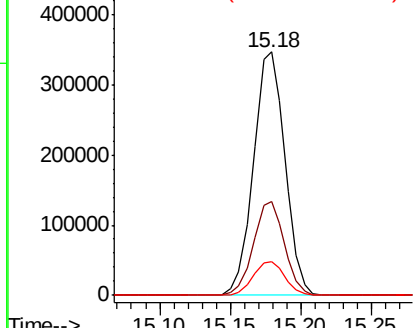
#55
Dibenzenofuran
Concen: 41.083 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:168 Resp: 543490
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.8 10.6 16.0

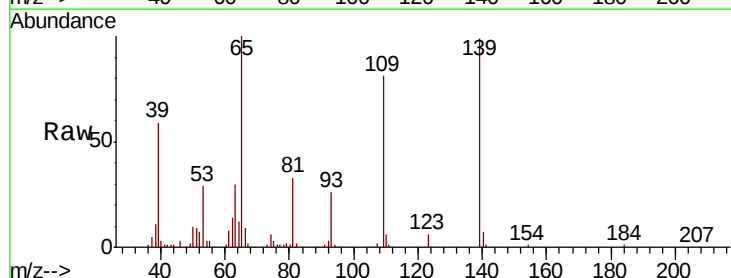


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

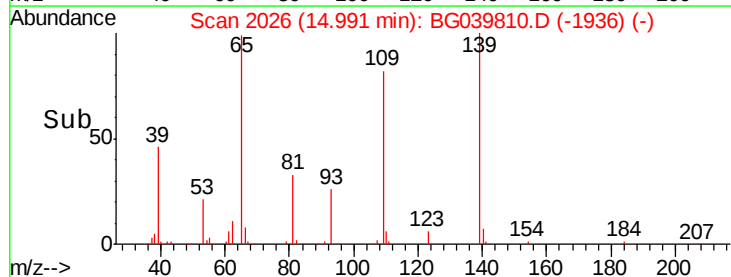
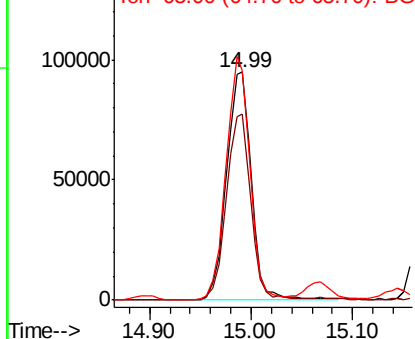


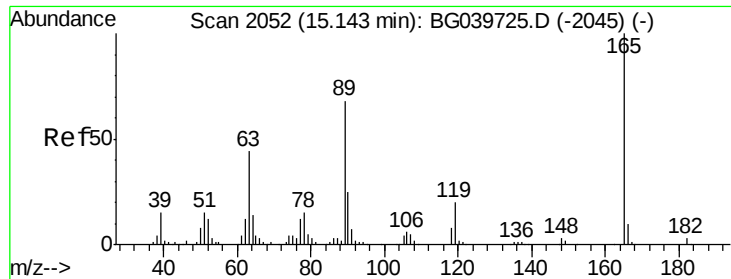
#56
4-Nitrophenol
Concen: 76.325 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:139 Resp: 160465
Ion Ratio Lower Upper
139 100
109 81.6 61.9 101.9
65 100.6 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): BGC

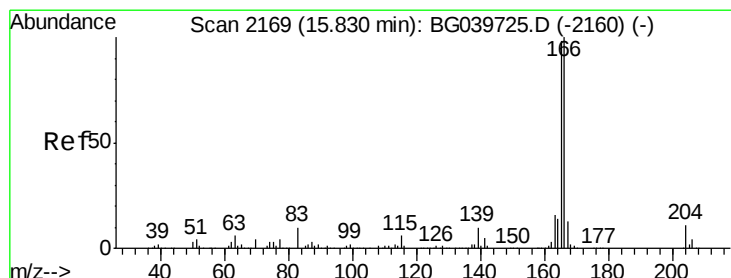
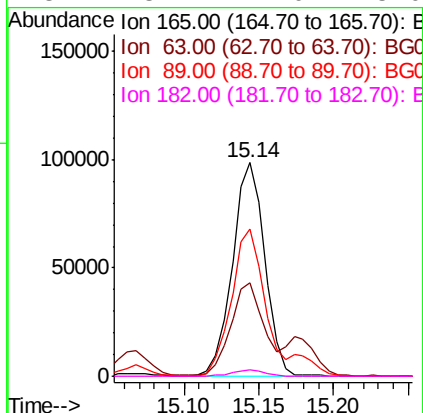
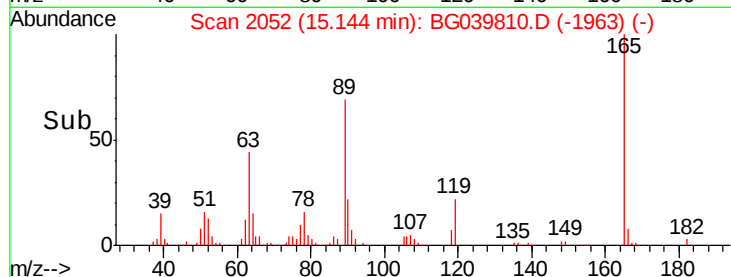
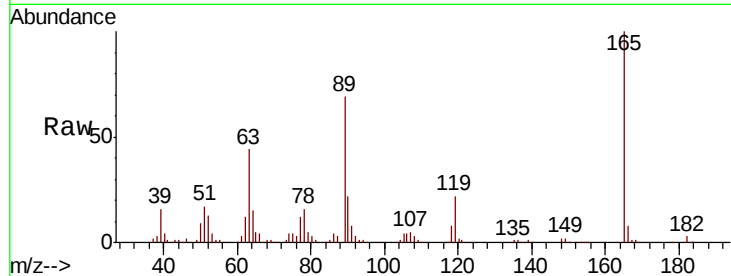




#57
2,4-Dinitrotoluene
Concen: 45.198 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

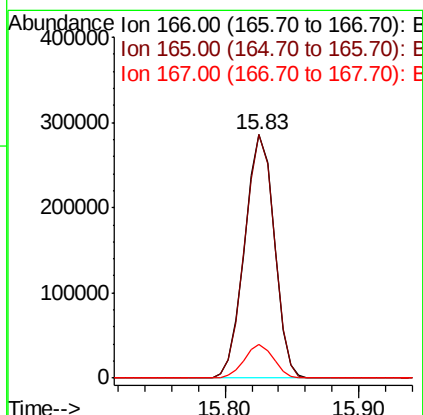
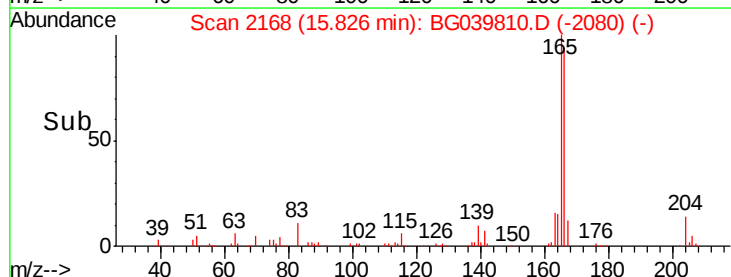
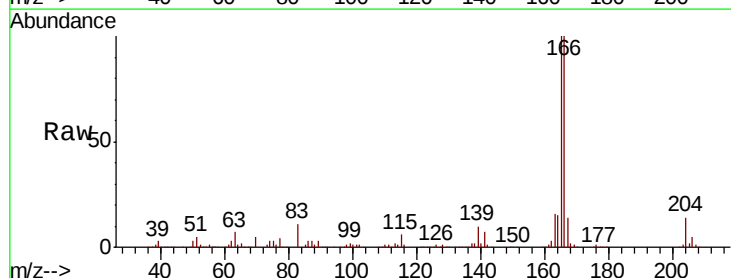
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	41.0	61.6
89	69.2	64.6	96.8
182	3.1	2.0	3.0#



#58
Fluorene
Concen: 41.978 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.9	116.9
167	14.1	10.8	16.2

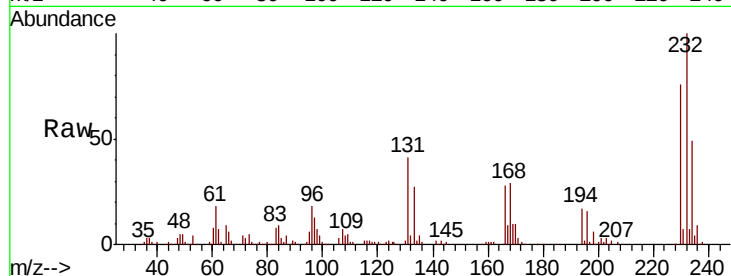




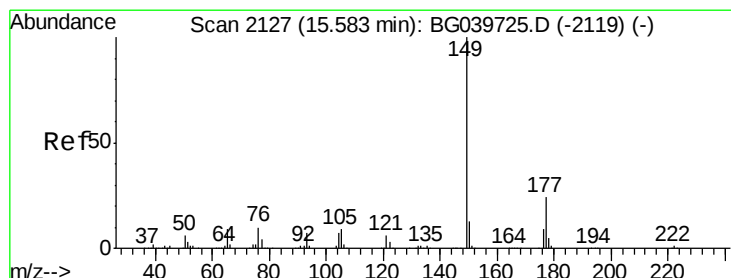
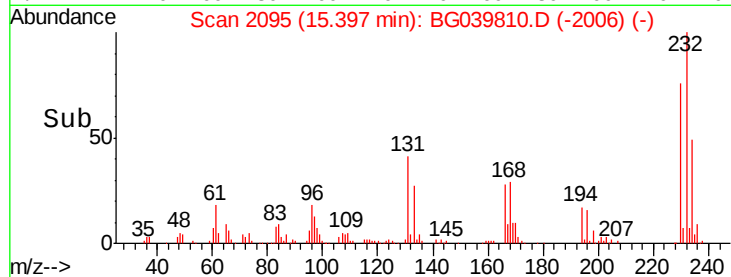
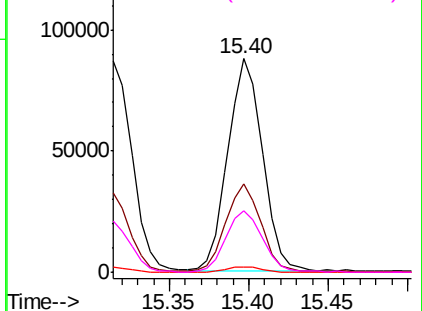
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.222 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.9	52.3
130	2.5	2.0	3.0
166	30.4	24.1	36.1

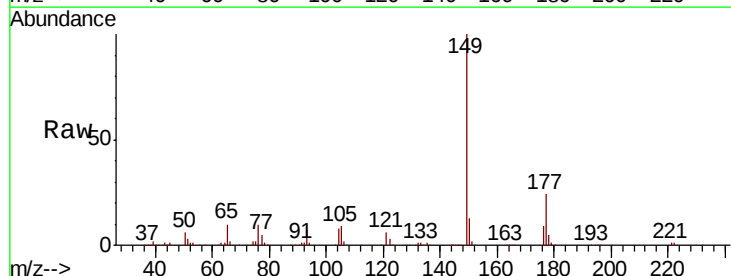


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

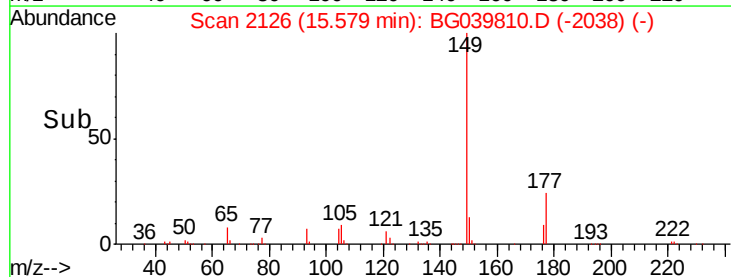
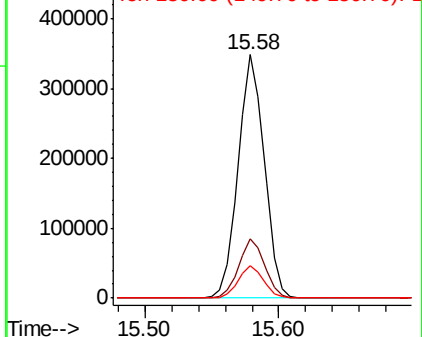


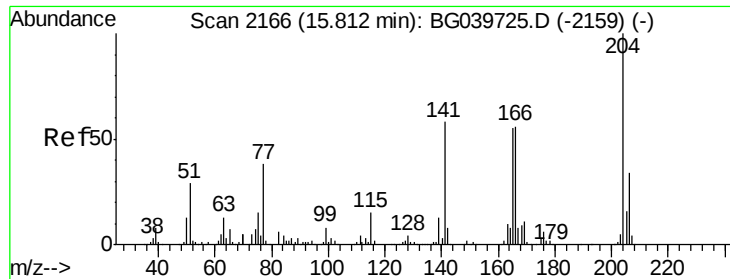
#60
Diethylphthalate
Concen: 43.066 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	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

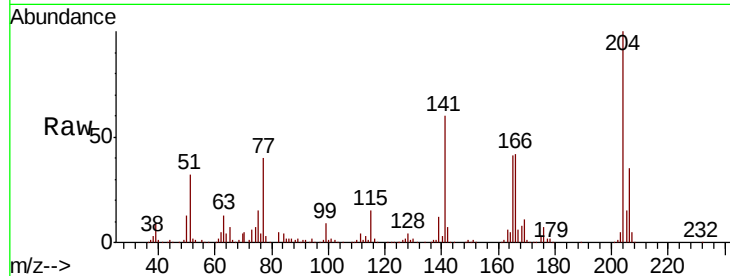




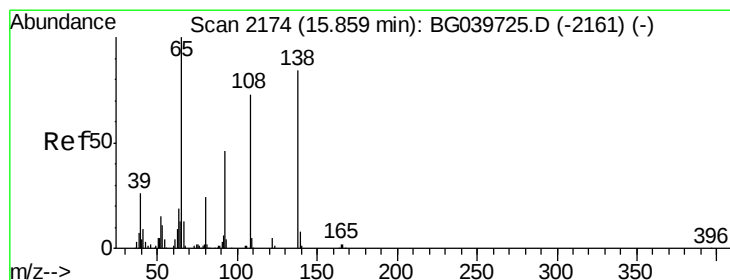
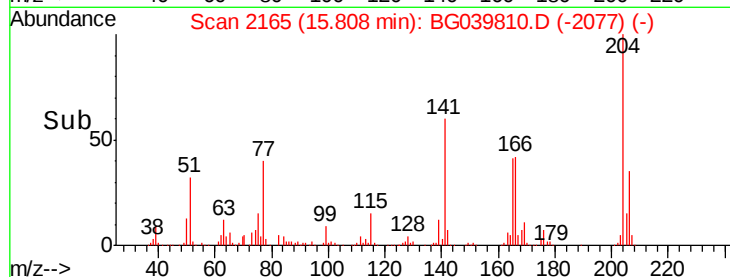
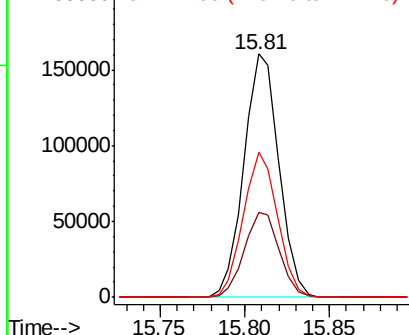
#61
4-Chlorophenyl-phenylether
Concen: 41.563 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion: 204 Resp: 230657
Ion Ratio Lower Upper
204 100
206 35.0 29.2 43.8
141 59.7 49.0 73.4

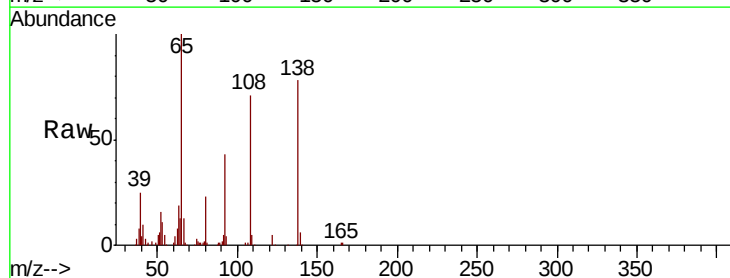


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

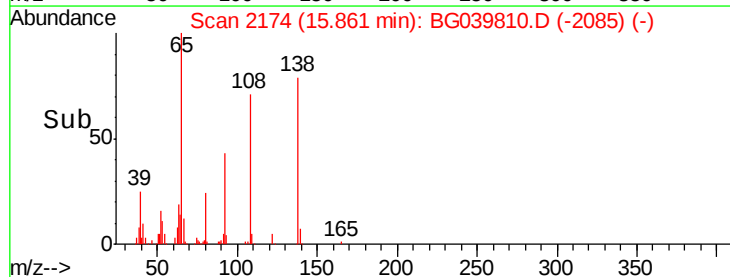
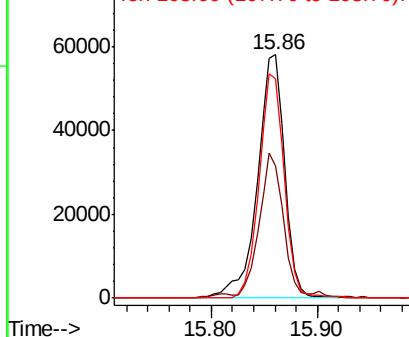


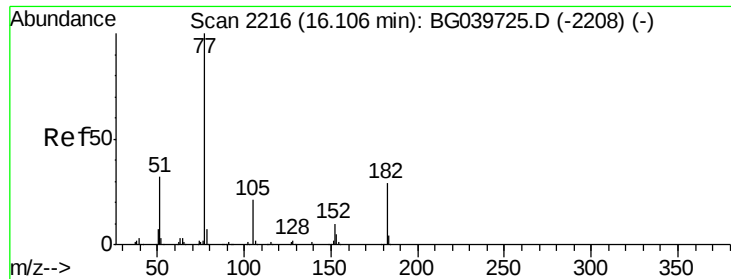
#62
4-Nitroaniline
Concen: 40.988 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion: 138 Resp: 104433
Ion Ratio Lower Upper
138 100
92 54.4 38.7 78.7
108 90.3 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

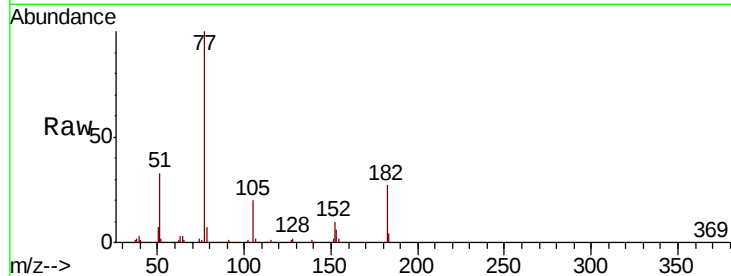




#63
Azobenzene
Concen: 43.176 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	6.4	46.4
105	20.4	0.0	39.8
51	32.6	14.1	54.1



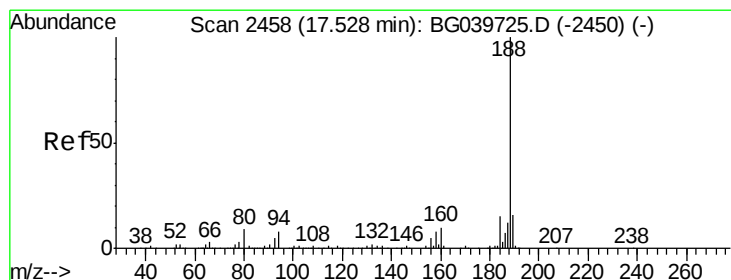
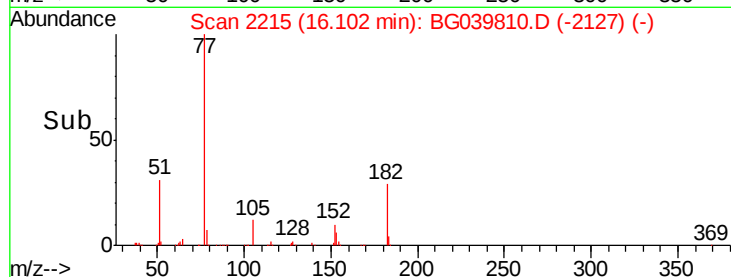
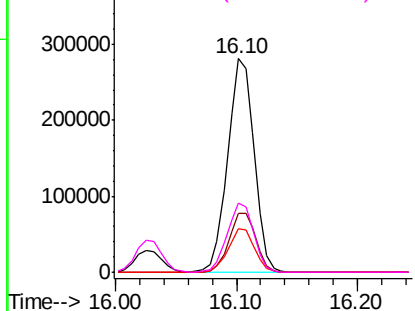
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

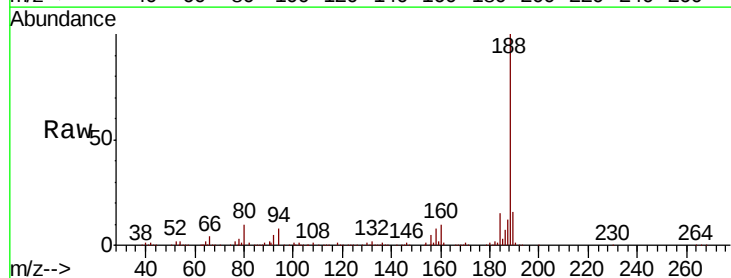
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	10.3	8.1	12.1

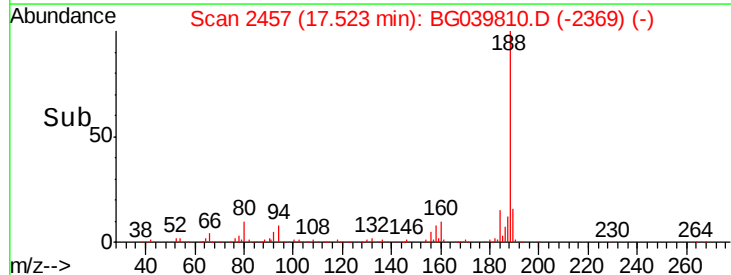
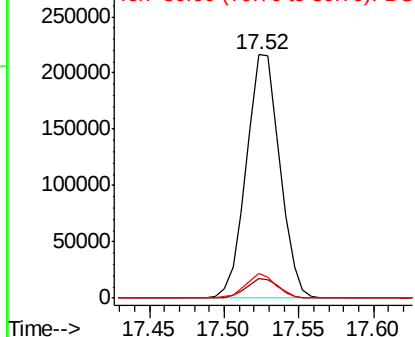


Abundance

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: 33.946 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

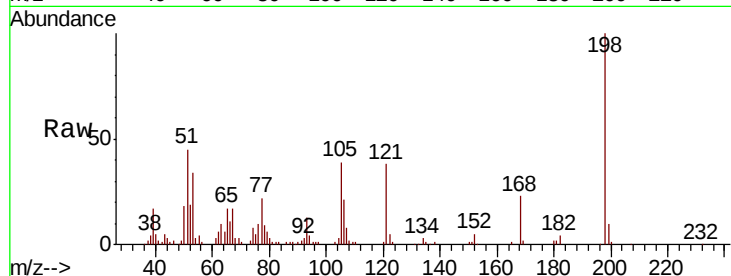
Tgt Ion:198 Resp: 67266

Ion Ratio Lower Upper

198 100

51 44.9 27.4 67.4

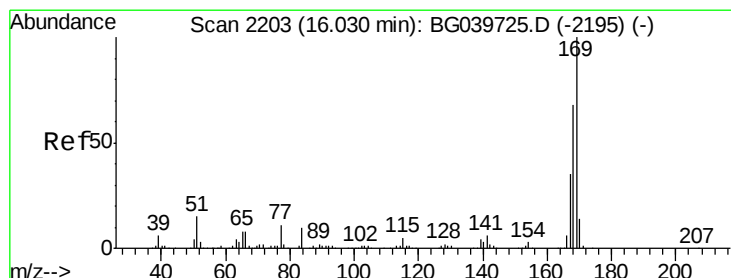
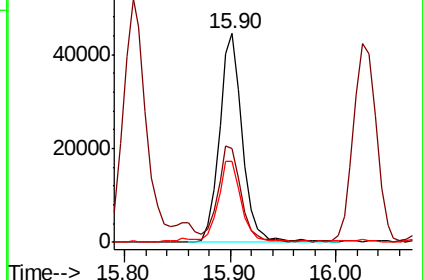
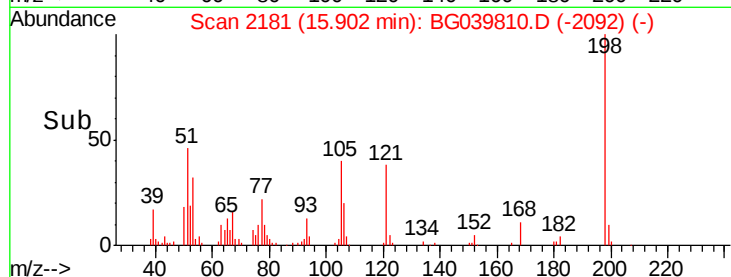
105 39.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039810.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.921 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

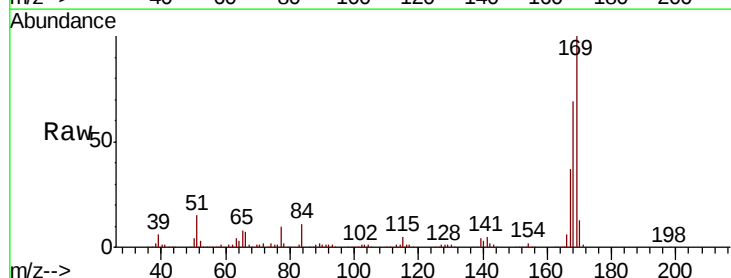
Tgt Ion:169 Resp: 406732

Ion Ratio Lower Upper

169 100

168 68.9 56.6 85.0

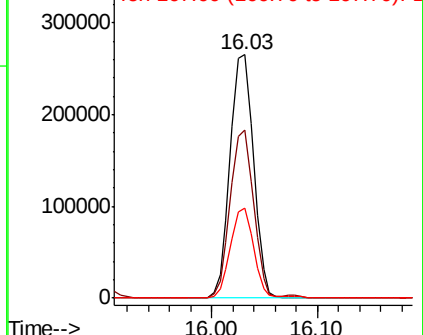
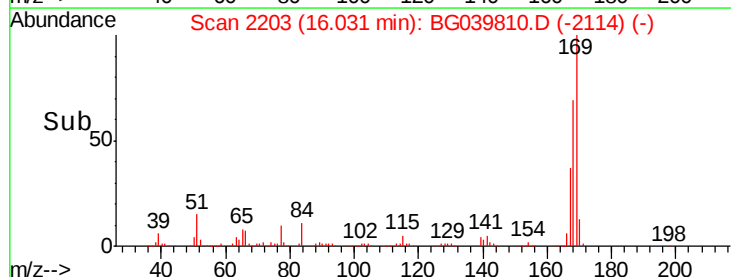
167 37.1 28.8 43.2



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: 40.731 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

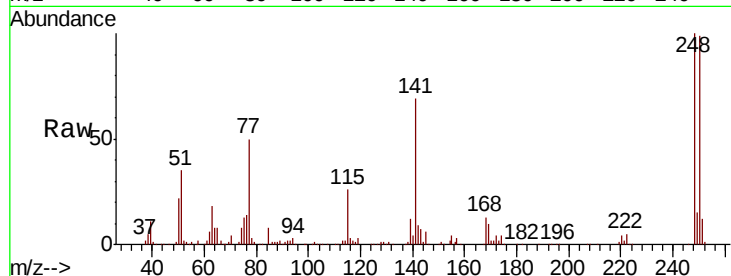
Tgt Ion:248 Resp: 152795

Ion Ratio Lower Upper

248 100

250 98.5 77.6 116.4

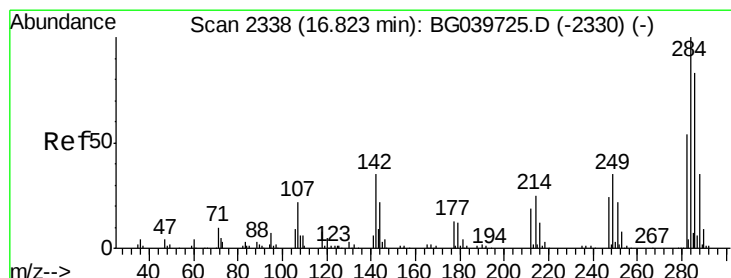
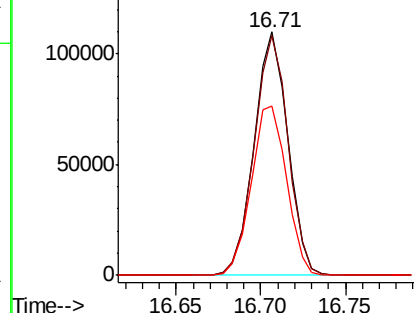
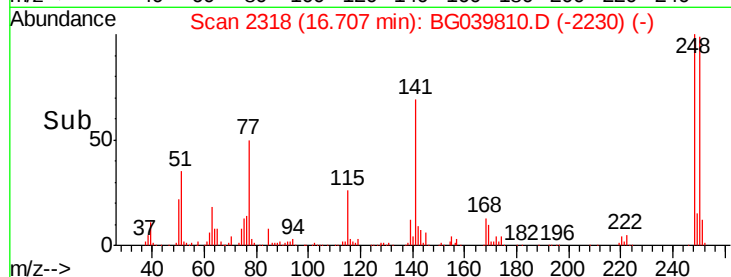
141 69.4 63.9 95.9



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: 40.423 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

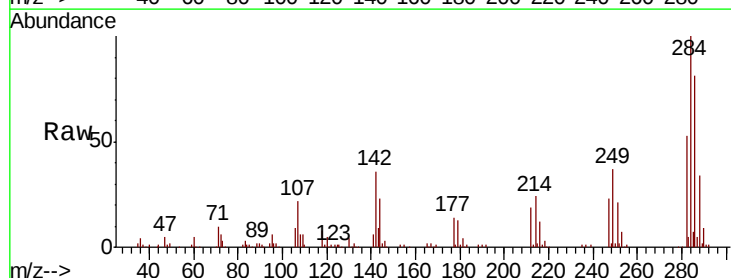
Tgt Ion:284 Resp: 157183

Ion Ratio Lower Upper

284 100

142 36.1 30.6 45.8

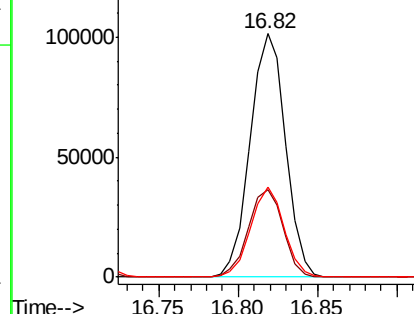
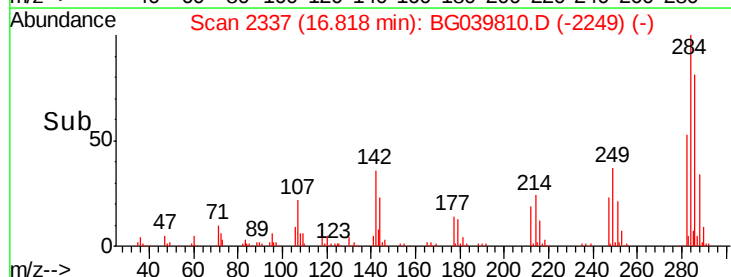
249 37.1 28.2 42.2



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: 42.399 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

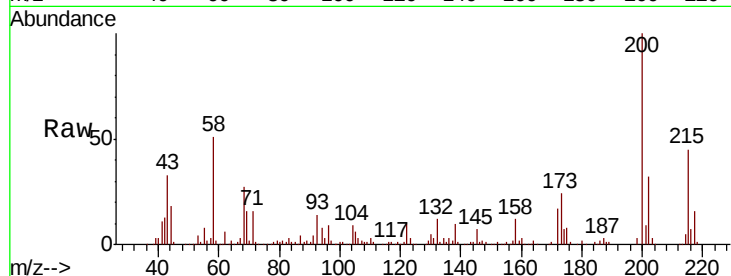
Tgt Ion:200 Resp: 161900

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

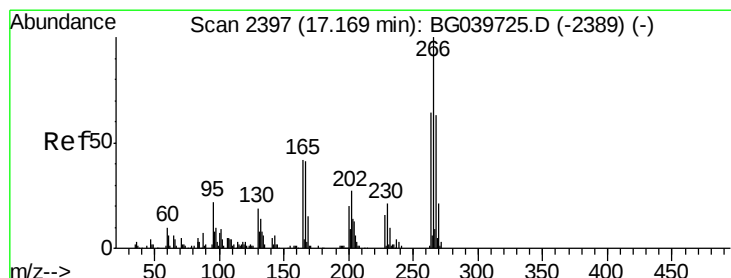
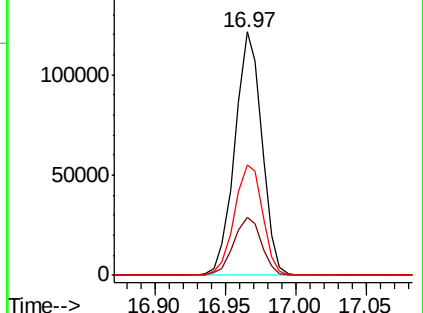
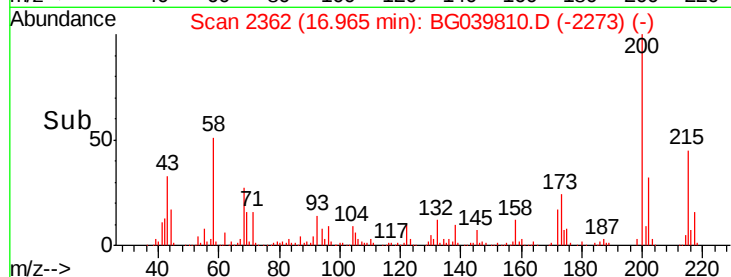
215 45.5 30.9 70.9



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: 74.289 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

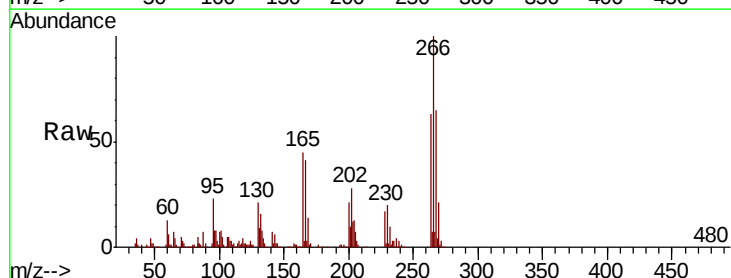
Tgt Ion:266 Resp: 182436

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

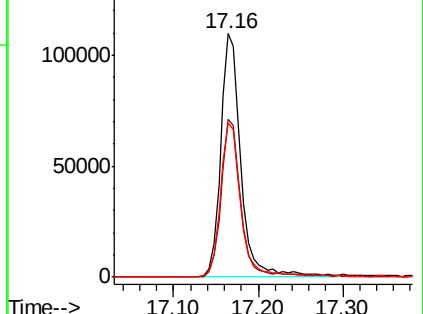
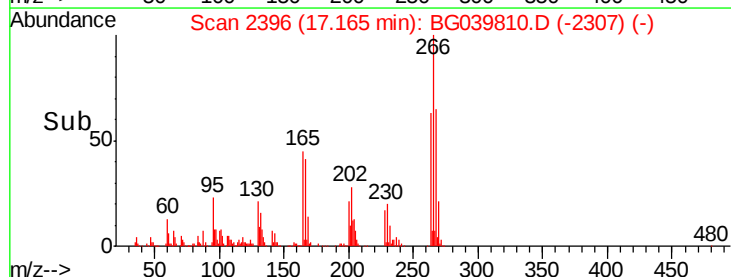
264 63.2 52.1 78.1

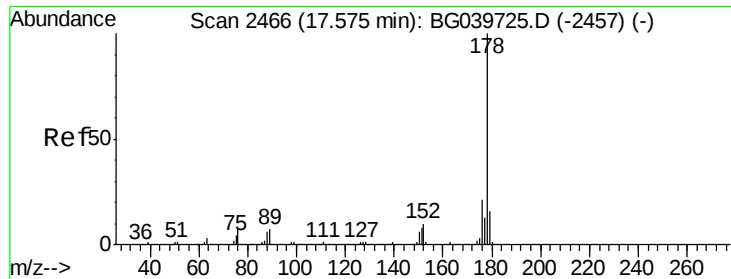


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

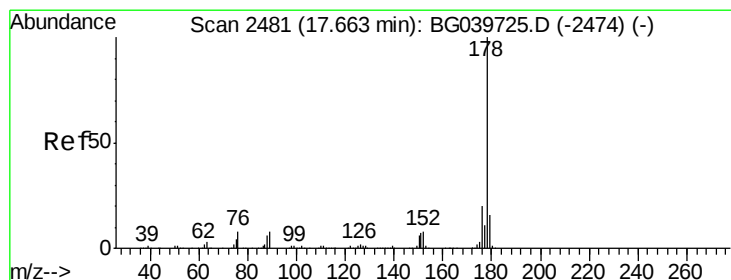
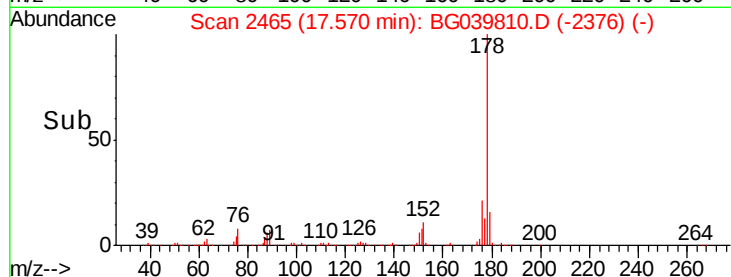
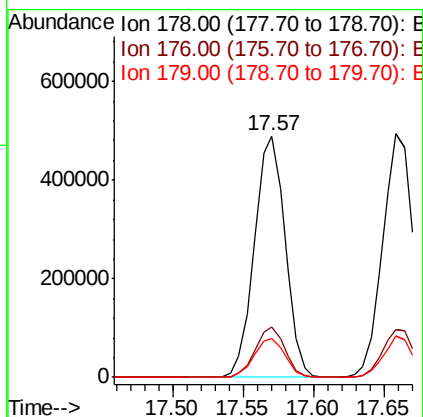
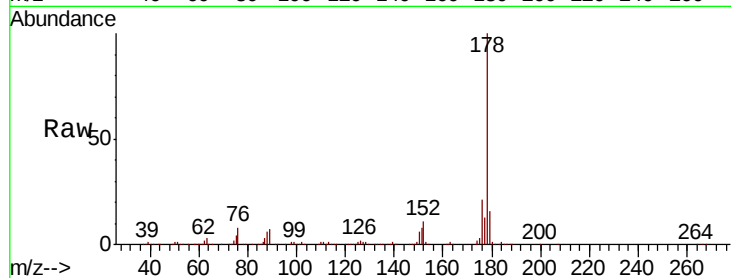




#71
Phenanthrene
Concen: 40.338 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

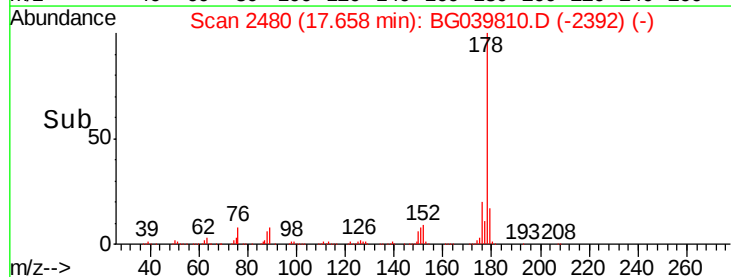
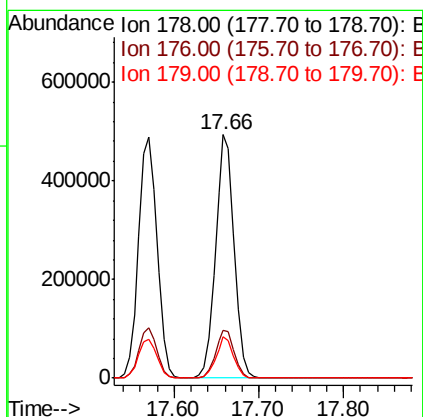
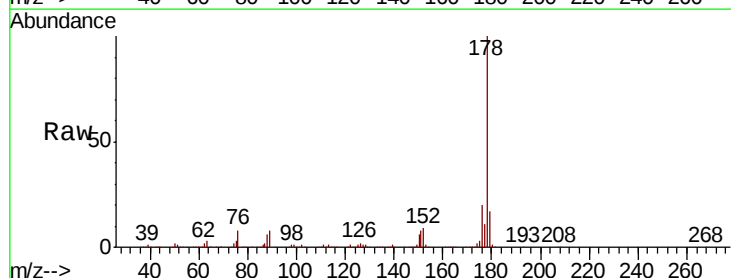
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

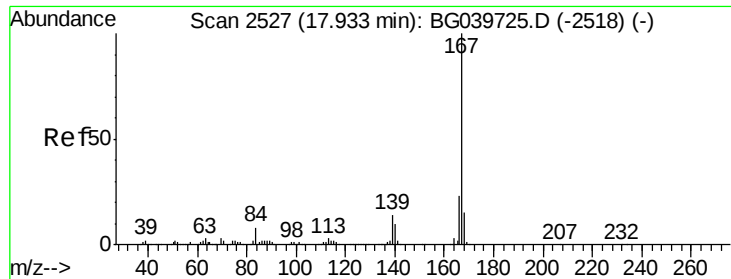
Tgt Ion:178 Resp: 744633
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.213 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:178 Resp: 759354
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.8 12.5 18.7

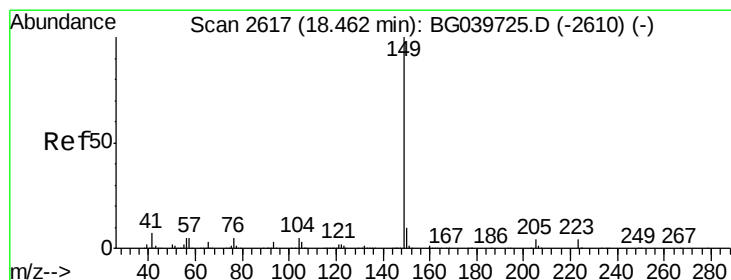
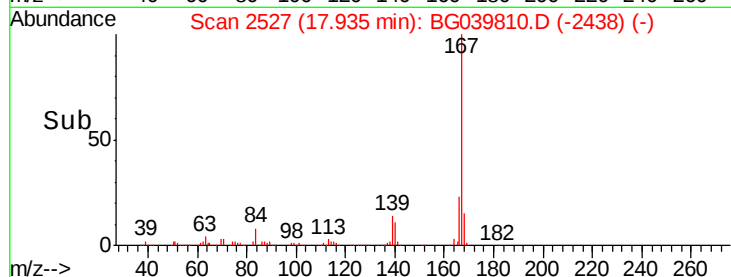
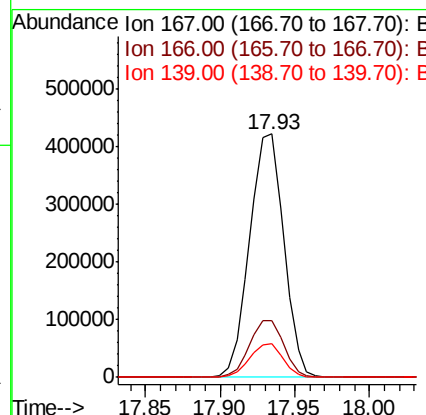
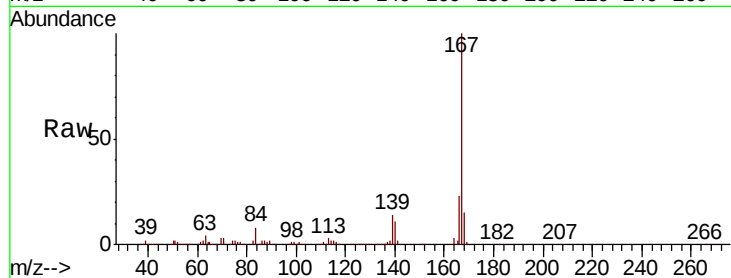




#73
 Carbazole
 Concen: 41.258 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

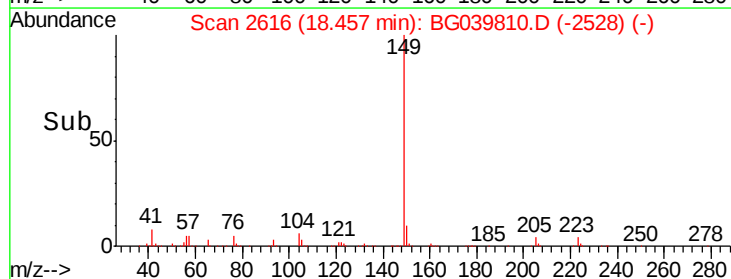
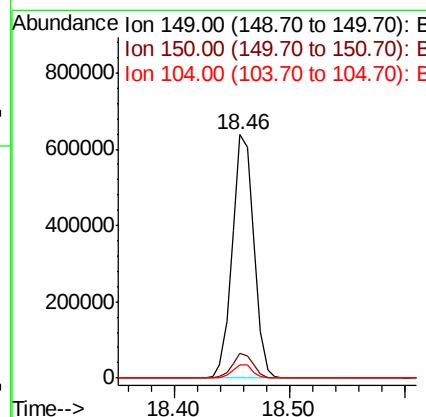
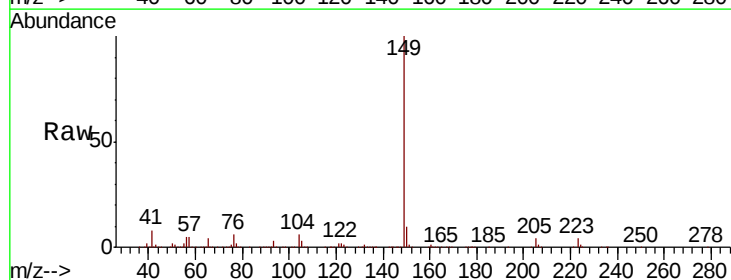
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

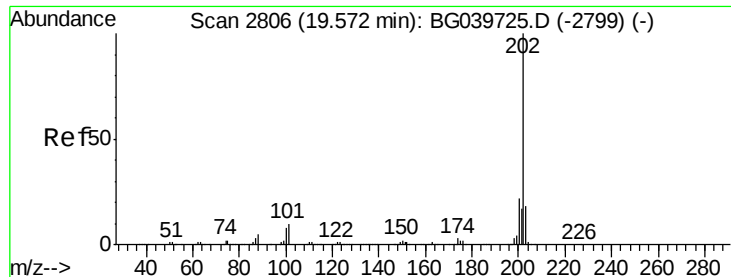
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.084 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 41.071 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

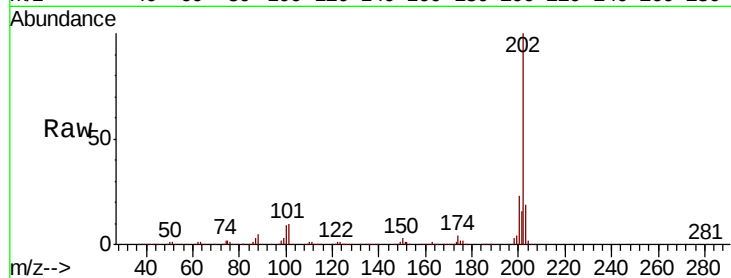
Tgt Ion:202 Resp: 896017

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.0

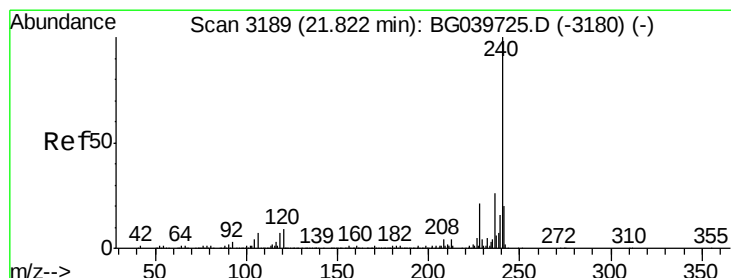
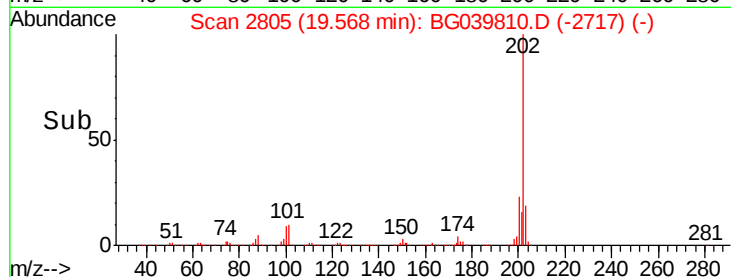
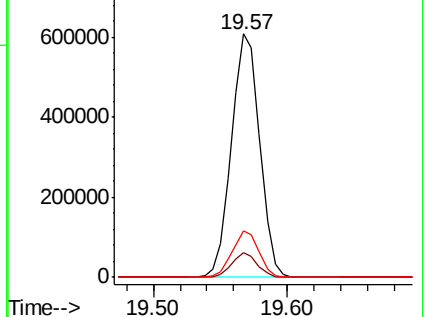
203 19.3 0.0 38.9



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

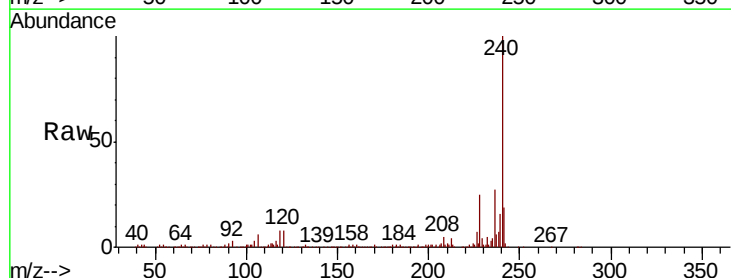
Tgt Ion:240 Resp: 336394

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

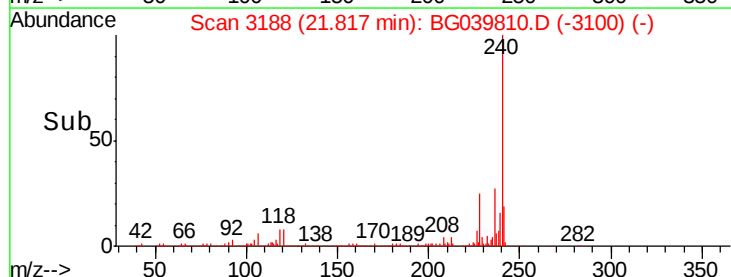
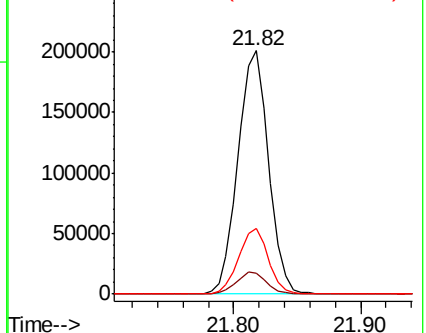
236 27.2 21.0 31.4



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: 13.166 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

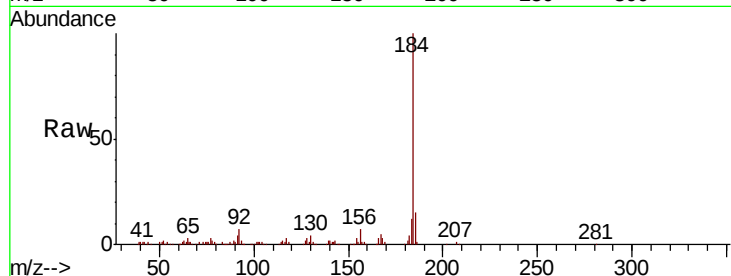
Tgt Ion:184 Resp: 140540

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

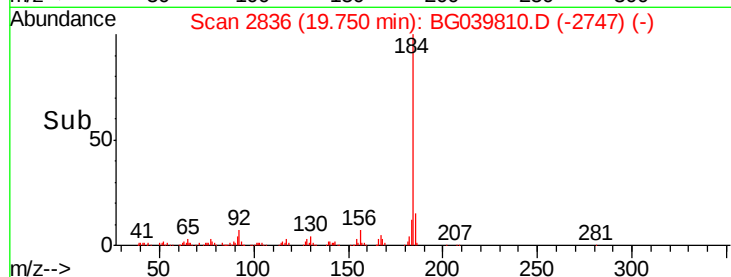
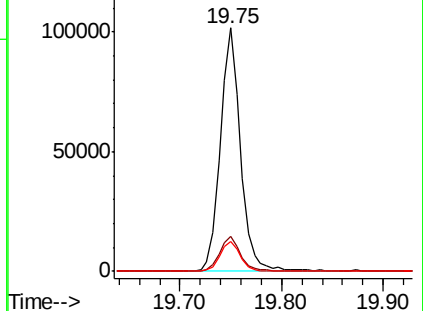
183 12.1 10.6 15.8



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: 41.168 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

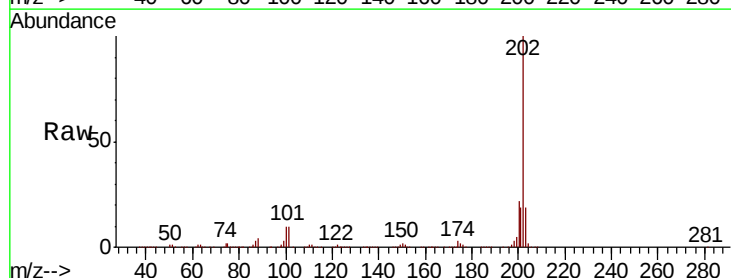
Tgt Ion:202 Resp: 899884

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

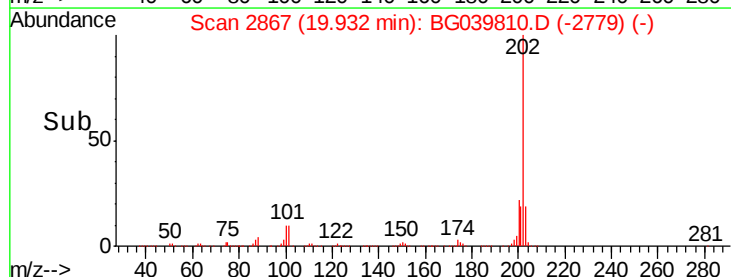
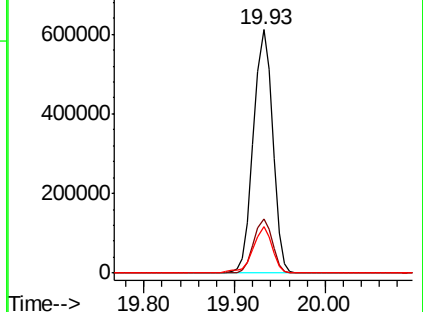
203 18.9 15.3 22.9

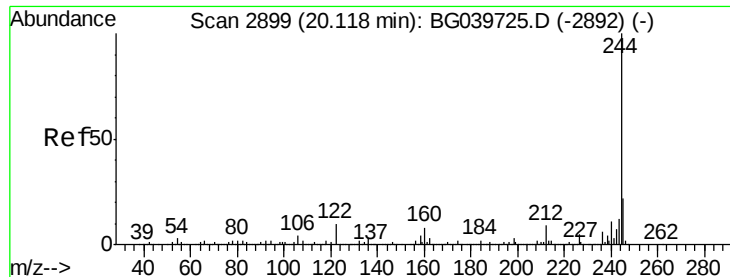


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.859 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMS

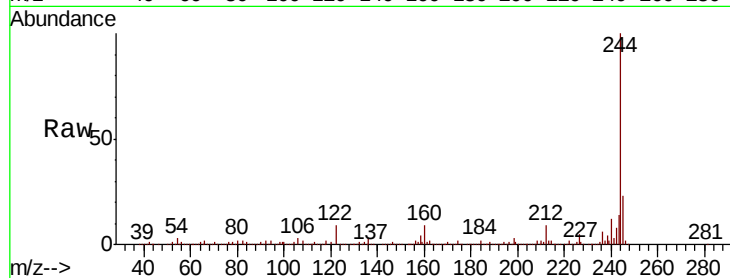
Tgt Ion:244 Resp: 1311765

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

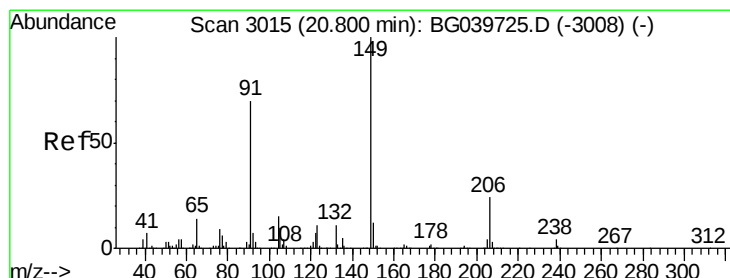
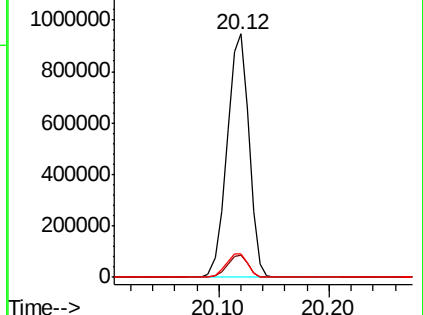
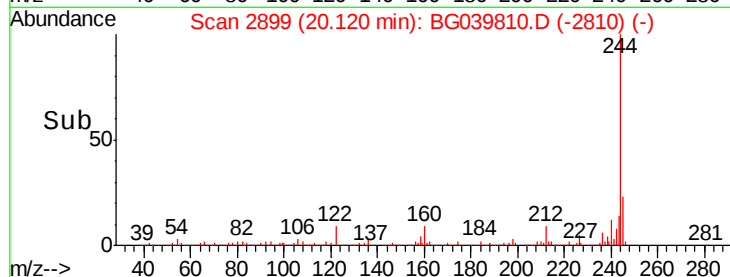
122 9.4 8.4 12.6



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: 44.987 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039810.D

Acq: 7 Mar 2019 20:06

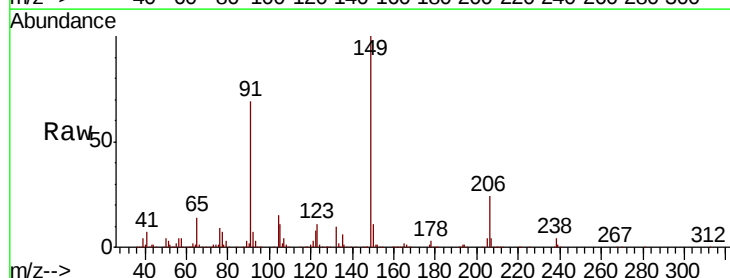
Tgt Ion:149 Resp: 380983

Ion Ratio Lower Upper

149 100

91 69.1 59.5 89.3

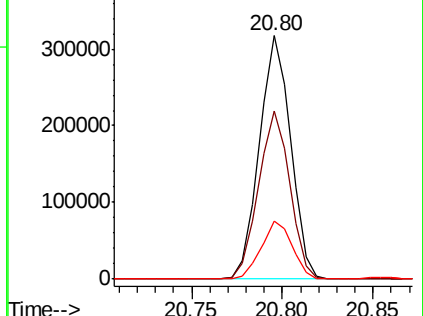
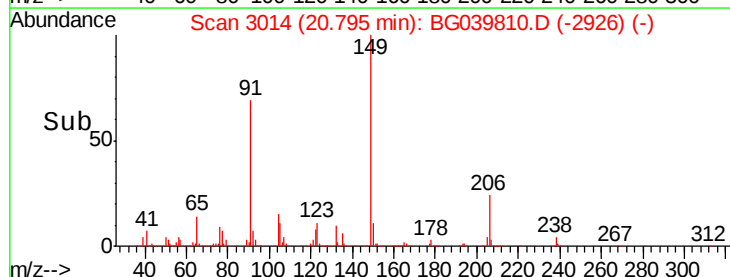
206 23.6 18.6 27.8



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

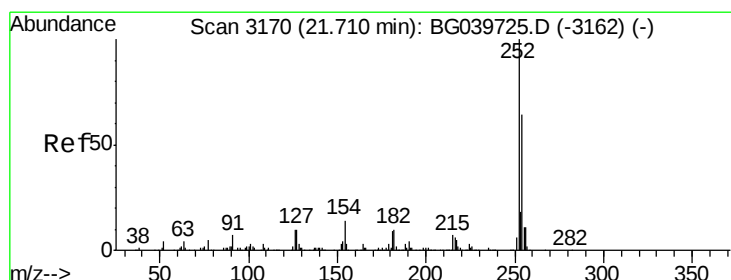
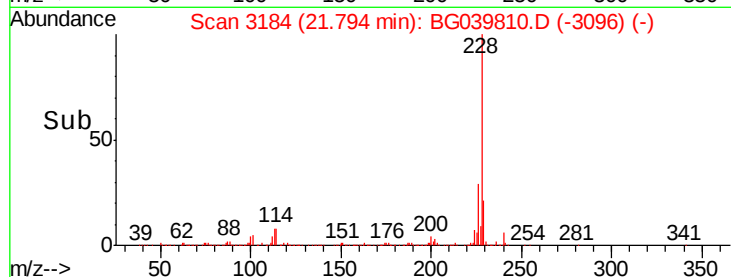
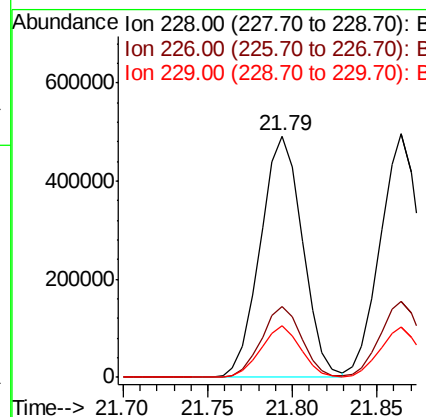
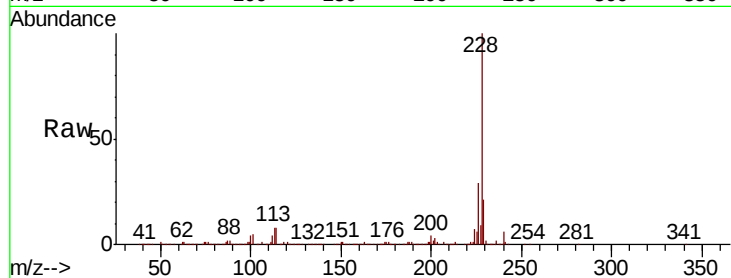




#81
Benzo(a)anthracene
Concen: 40.280 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

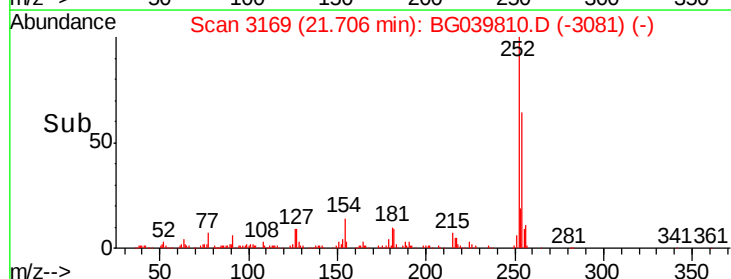
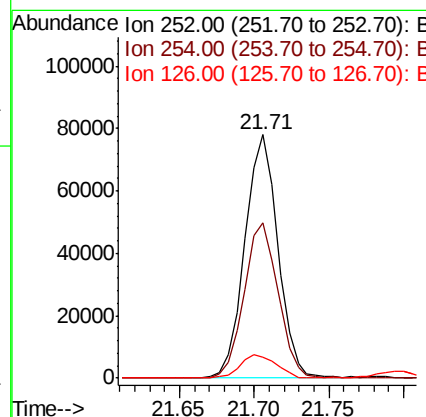
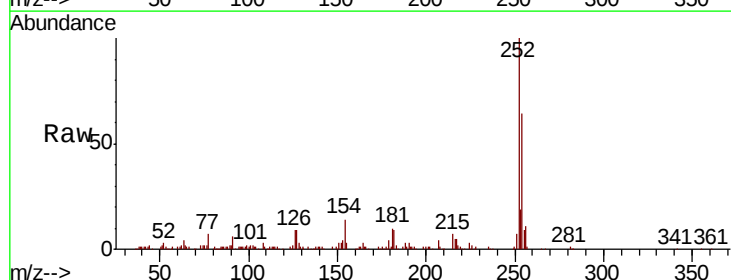
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.2	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 15.547 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	8.7	8.0	12.0

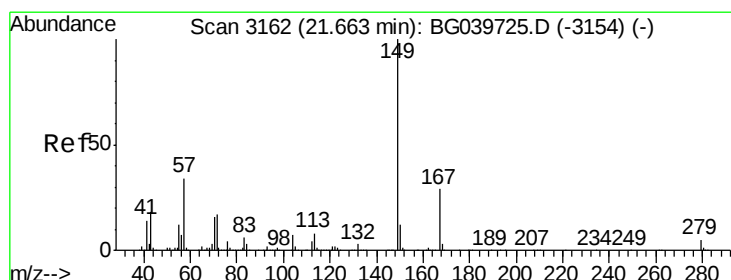
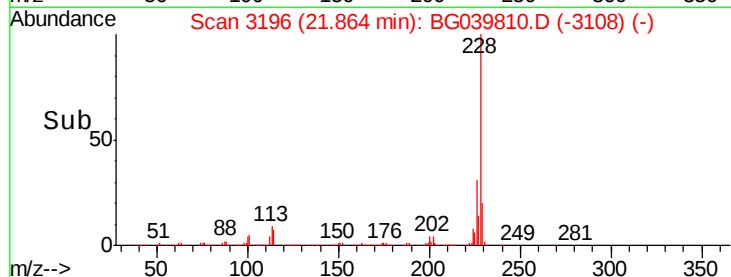
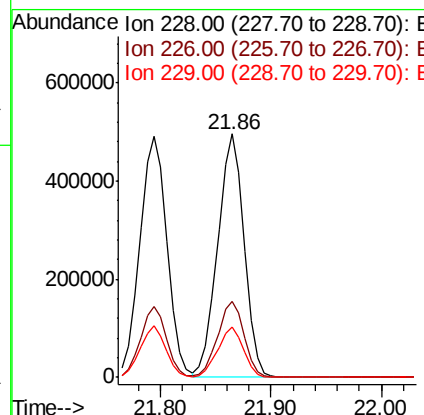
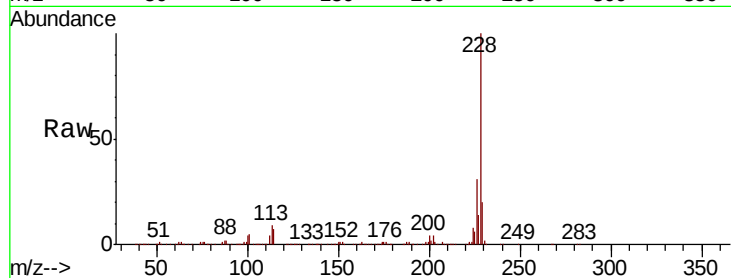




#83
 Chrysene
 Concen: 40.072 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

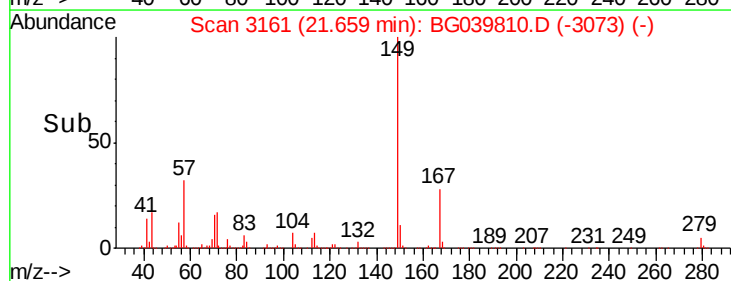
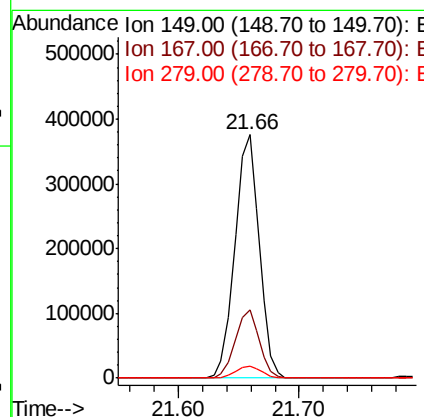
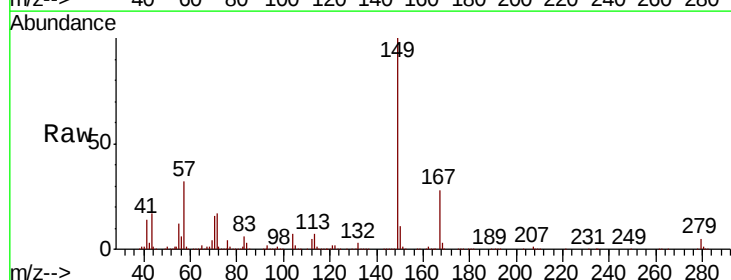
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMS

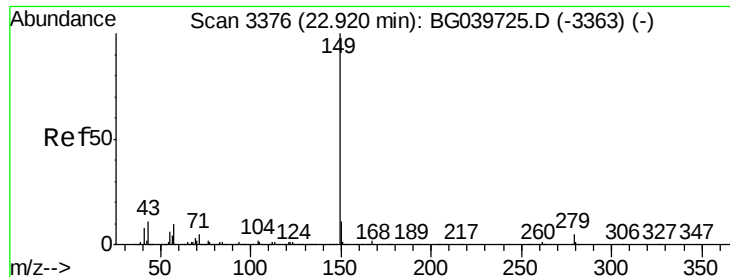
Tgt Ion: 228 Resp: 819028
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.8 38.6
 229 20.5 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.225 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039810.D
 Acq: 7 Mar 2019 20:06

Tgt Ion: 149 Resp: 526305
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 34.0
 279 4.9 3.5 5.3

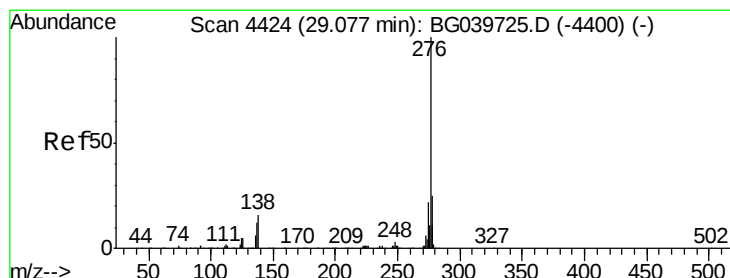
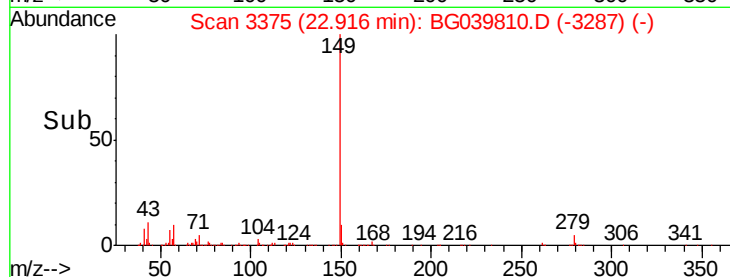
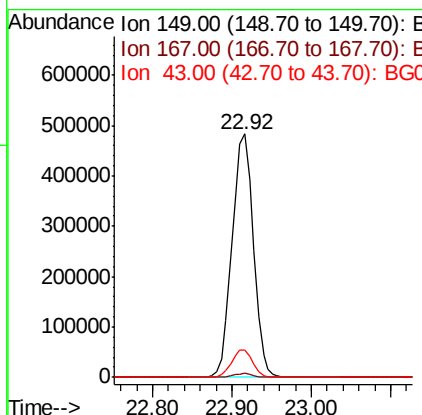
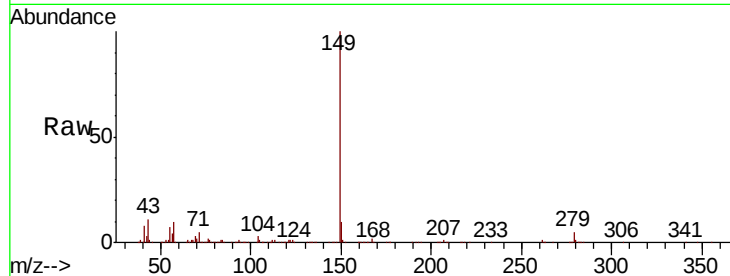




#85
Di-n-octyl phthalate
Concen: 45.705 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

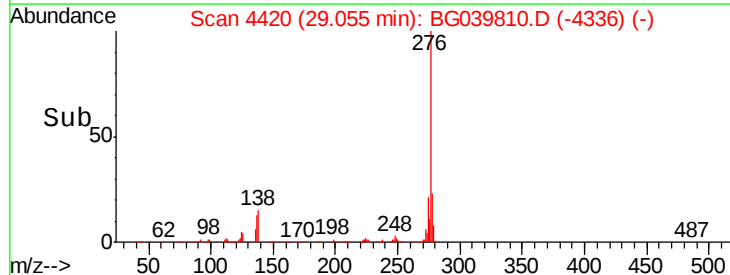
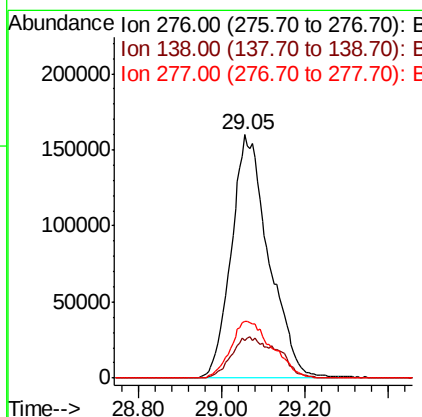
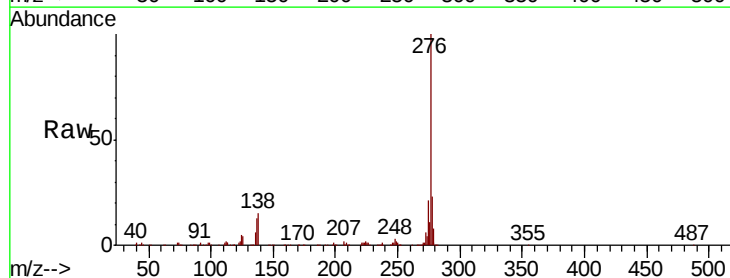
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

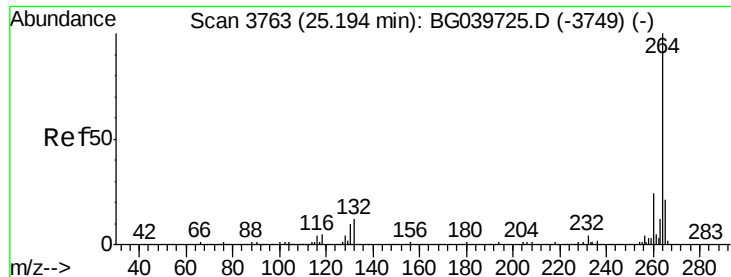
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.0	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.03 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	12.6	19.0#
277	25.8	20.8	31.2

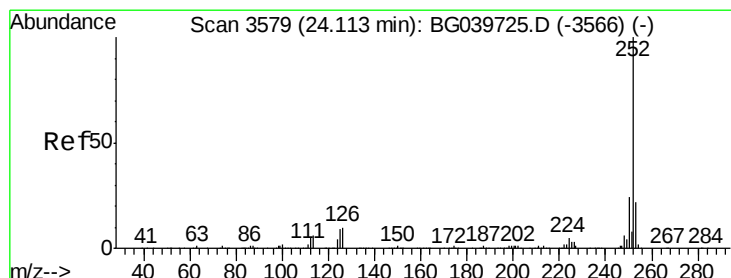
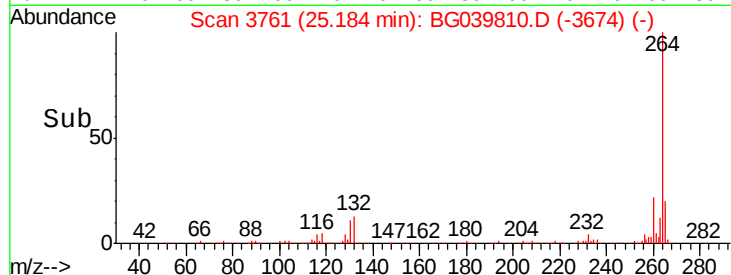
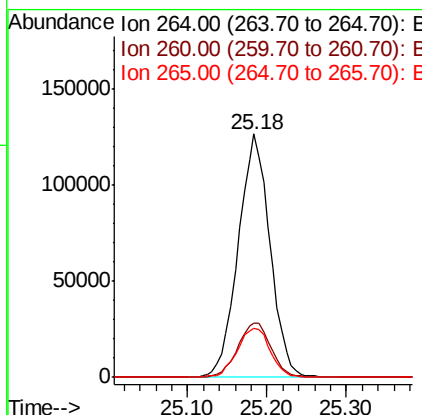
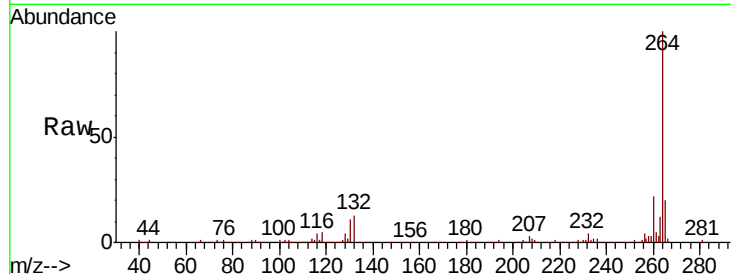




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

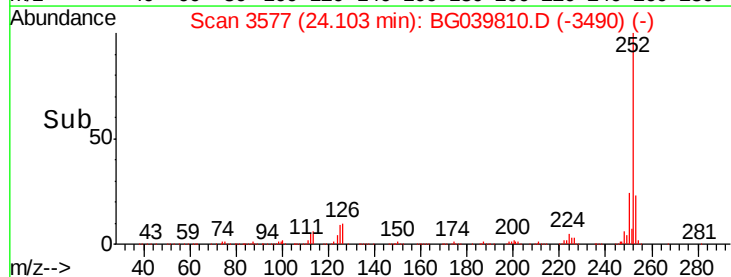
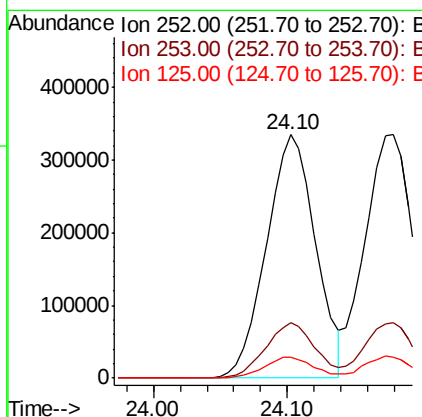
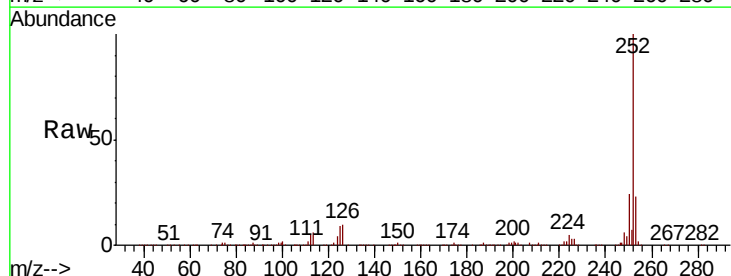
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

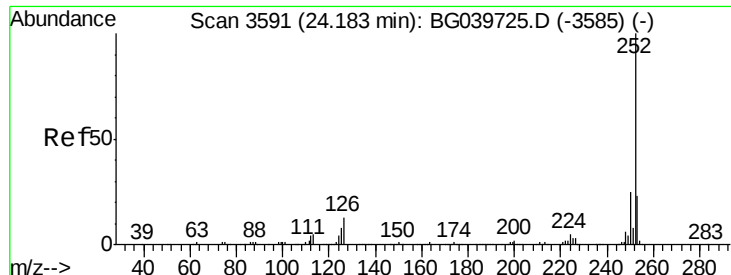
Tgt Ion:	264	Resp:	351640
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.1	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 40.860 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:	252	Resp:	856789
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.7	7.8	11.6

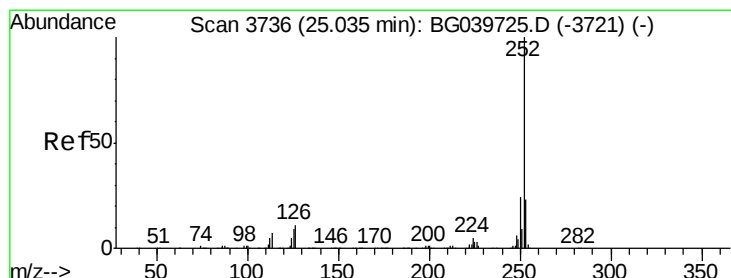
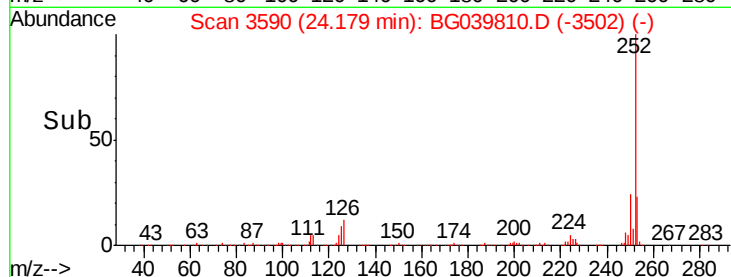
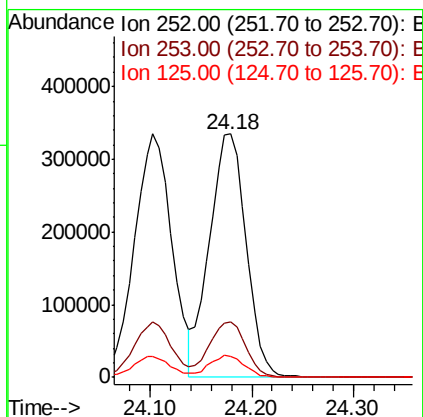
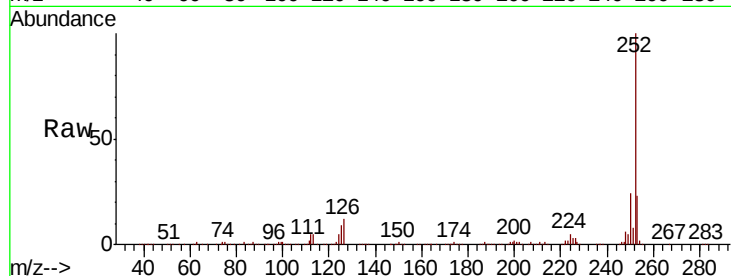




#89
Benzo(k)fluoranthene
Concen: 42.925 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

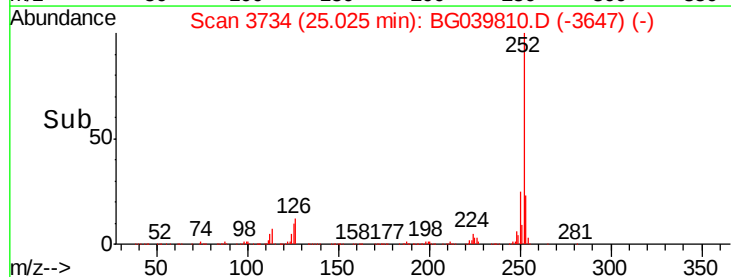
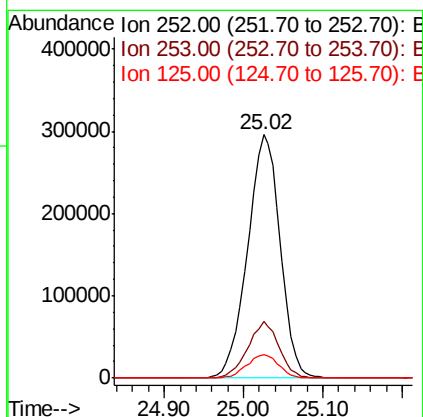
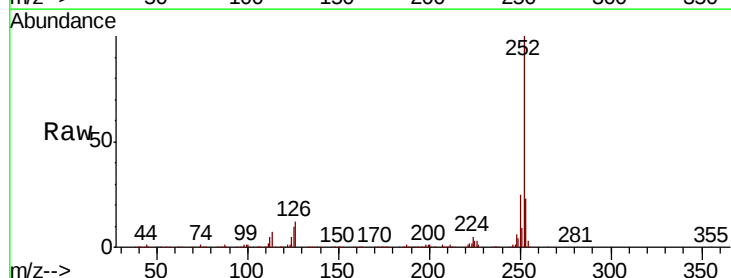
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion:252 Resp: 837858
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.697 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion:252 Resp: 846701
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.6 8.3 12.5

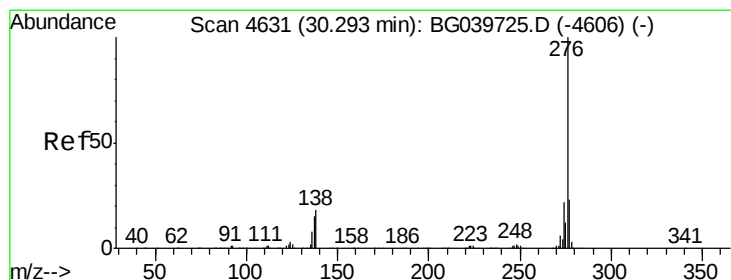
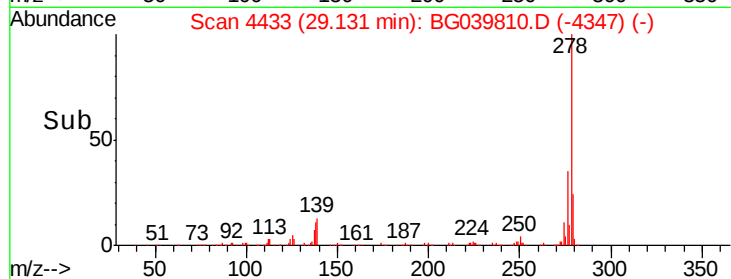
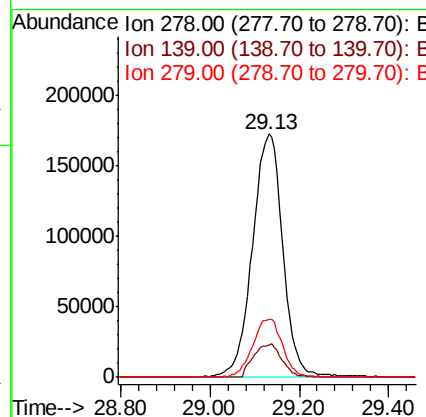
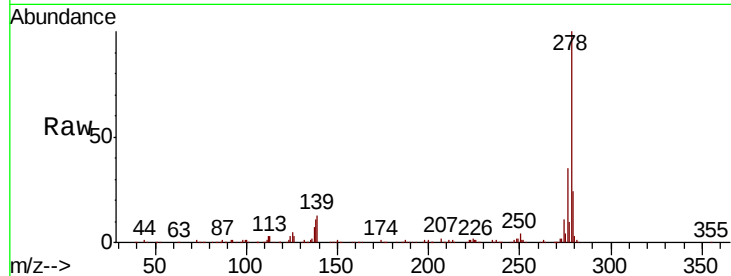




#91
Dibenzo(a,h)anthracene
Concen: 42.511 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	23.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.818 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.02 min
Lab File: BG039810.D
Acq: 7 Mar 2019 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	17.1	14.7	22.1

