

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039811.D
 Acq On : 7 Mar 2019 20:45
 Operator : JU/SJ
 Sample : K1757-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Quant Time: Mar 07 23:54:21 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	8.16	152	45088	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	199298	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	142512	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	352060	20.00	ng	0.00
76) Chrysene-d12	21.81	240	347572	20.00	ng	-0.01
87) Perylene-d12	25.19	264	357024	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	362014	136.98	ng	0.00
7) Phenol-d6	7.30	99	500887	127.11	ng	-0.01
23) Nitrobenzene-d5	9.33	82	343315	93.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	247339	148.90	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	838722	83.80	ng	-0.01
79) Terphenyl-d14	20.12	244	1376034	87.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	37628	30.839	ng	# 36
3) Pyridine	4.00	79	97101	29.726	ng	93
4) n-Nitrosodimethylamine	3.92	42	55946	36.103	ng	92
6) Aniline	7.48	93	39510	7.653	ng	99
8) 2-Chlorophenol	7.72	128	131382	40.976	ng	95
9) Benzaldehyde	7.29	77	79512	31.279	ng	98
10) Phenol	7.33	94	155676	36.466	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	126250	37.931	ng	98
12) 1,3-Dichlorobenzene	8.04	146	126502	34.885	ng	99
13) 1,4-Dichlorobenzene	8.19	146	129439	35.043	ng	98
14) 1,2-Dichlorobenzene	8.51	146	125677	35.216	ng	99
15) Benzyl Alcohol	8.39	79	127846	40.898	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247873	37.235	ng	99
17) 2-Methylphenol	8.59	107	116039	42.628	ng	99
18) Hexachloroethane	9.24	117	45026	33.973	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	108190	38.143	ng	93
20) 3+4-Methylphenols	8.91	107	158411	41.890	ng	94
22) Acetophenone	8.99	105	204972	38.319	ng	# 95
24) Nitrobenzene	9.38	77	157912	40.849	ng	96
25) Isophorone	9.89	82	311360	40.325	ng	96
26) 2-Nitrophenol	10.09	139	78962	42.305	ng	97
27) 2,4-Dimethylphenol	10.12	122	143944	49.587	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	189723	40.434	ng	99
29) 2,4-Dichlorophenol	10.61	162	150933	46.180	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	140874	38.305	ng	99
31) Naphthalene	11.03	128	415827	39.407	ng	99
32) Benzoic acid	10.21	122	13908	12.617	ng	91
34) Hexachlorobutadiene	11.29	225	90654	36.072	ng	90
35) Caprolactam	11.92	113	28543	22.862	ng	90
36) 4-Chloro-3-methylphenol	12.24	107	169972	45.368	ng	99
37) 2-Methylnaphthalene	12.62	142	317717	40.274	ng	97
38) 1-Methylnaphthalene	12.84	142	312030	40.700	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	181539	37.602	ng	99
41) Hexachlorocyclopentadiene	12.94	237	192518	74.408	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	132868	47.007	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	144402	45.324	ng	97
46) 1,1'-Biphenyl	13.61	154	453363	38.678	ng	99
47) 2-Chloronaphthalene	13.67	162	348842	39.560	ng	97
48) 2-Nitroaniline	13.87	65	124709	44.008	ng	95
49) Acenaphthylene	14.51	152	570193	39.390	ng	99
50) Dimethylphthalate	14.23	163	488673	41.007	ng	99
51) 2,6-Dinitrotoluene	14.36	165	109574	43.374	ng	93
52) Acenaphthene	14.85	154	345703	39.679	ng	99
53) 3-Nitroaniline	14.70	138	8865	3.491	ng	# 93
54) 2,4-Dinitrophenol	14.89	184	34599	25.546	ng	94
55) Dibenzofuran	15.18	168	570356	39.900	ng	97
56) 4-Nitrophenol	14.99	139	159255	70.103	ng	# 86
57) 2,4-Dinitrotoluene	15.14	165	156135	43.985	ng	87
58) Fluorene	15.82	166	455166	40.505	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	142026	45.645	ng	97
60) Diethylphthalate	15.58	149	496188	42.062	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	242043	40.364	ng	96
62) 4-Nitroaniline	15.86	138	101427	36.842	ng	96
63) Azobenzene	16.10	77	440378	41.182	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	40984	19.689	ng	95
66) n-Nitrosodiphenylamine	16.03	169	425412	41.739	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	160678	40.774	ng	96
68) Hexachlorobenzene	16.82	284	167689	41.052	ng	92
69) Atrazine	16.97	200	170907	42.607	ng	97
70) Pentachlorophenol	17.17	266	126694	49.110	ng	98
71) Phenanthrene	17.57	178	778024	40.121	ng	98
72) Anthracene	17.66	178	785673	41.576	ng	99
73) Carbazole	17.93	167	696478	40.883	ng	98
74) Di-n-butylphthalate	18.46	149	849284	42.371	ng	99
75) Fluoranthene	19.57	202	922832	40.267	ng	99
77) Benzidine	19.75	184	98538	8.934	ng	97
78) Pyrene	19.93	202	919648	40.719	ng	98
80) Butylbenzylphthalate	20.80	149	390675	44.648	ng	95
81) Benzo(a)anthracene	21.79	228	874213	40.132	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	58291	7.329	ng	98
83) Chrysene	21.86	228	841406	39.842	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	539488	43.875	ng	99
85) Di-n-octyl phthalate	22.91	149	919928	45.184	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	1010434	42.176	ng	100
88) Benzo(b)fluoranthene	24.11	252	878714	41.273	ng	98
89) Benzo(k)fluoranthene	24.18	252	838079	42.289	ng	99
90) Benzo(a)pyrene	25.03	252	859293	43.678	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	815847	42.301	ng	99
92) Benzo(g,h,i)perylene	30.29	276	833965	43.054	ng	98

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

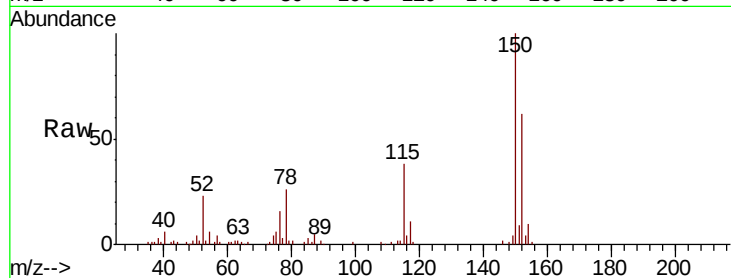


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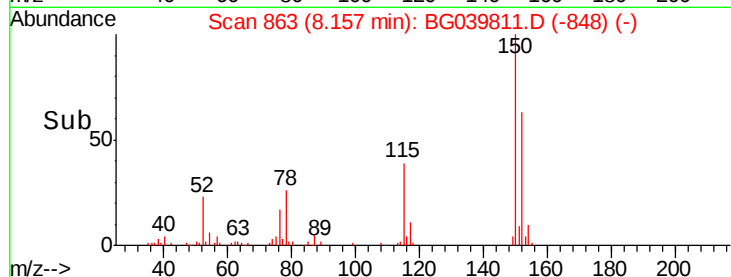
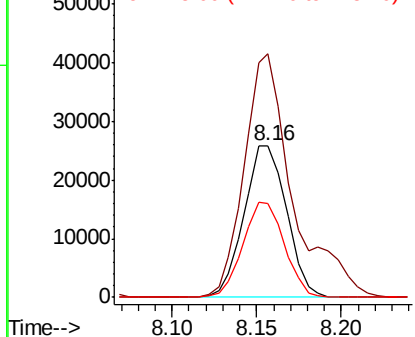
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:152 Resp: 45088
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 61.4 45.9 68.9



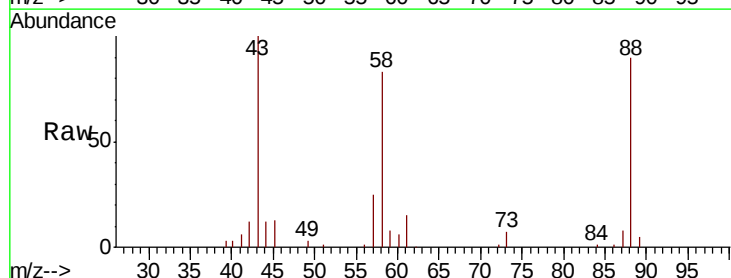
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



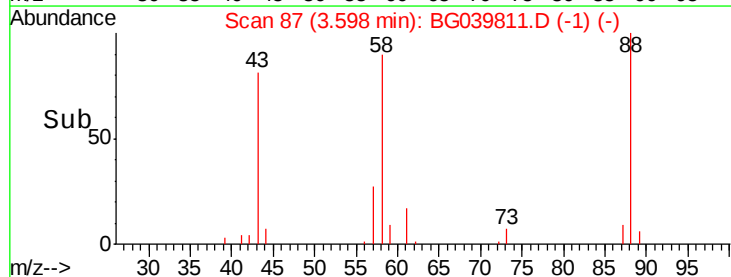
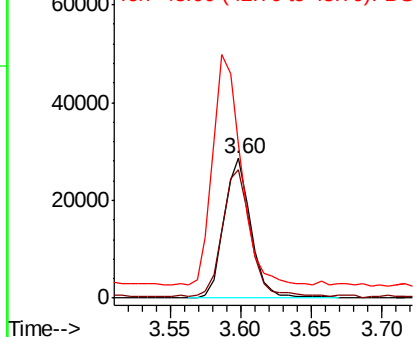
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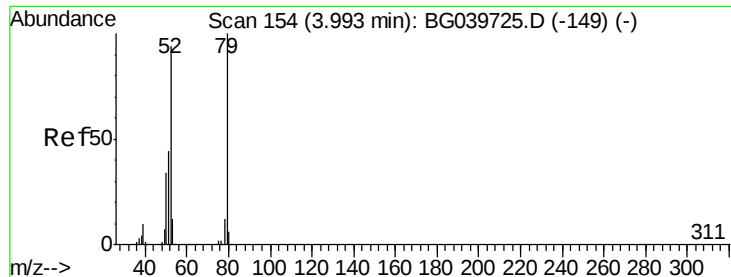
1,4-Dioxane
Concen: 30.839 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion: 88 Resp: 37628
Ion Ratio Lower Upper
88 100
58 97.7 81.1 121.7
43 173.0 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: 29.726 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

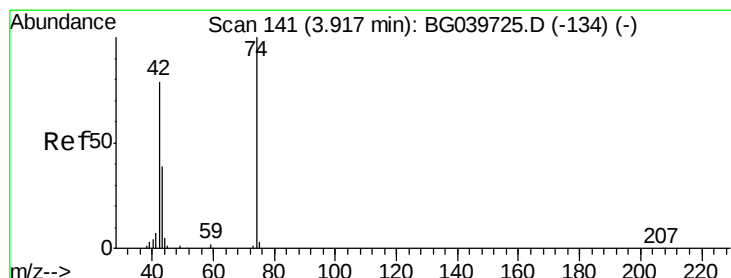
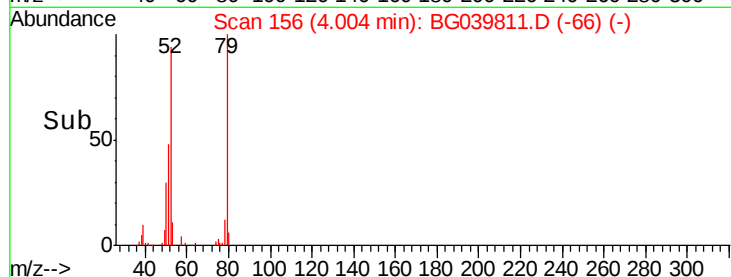
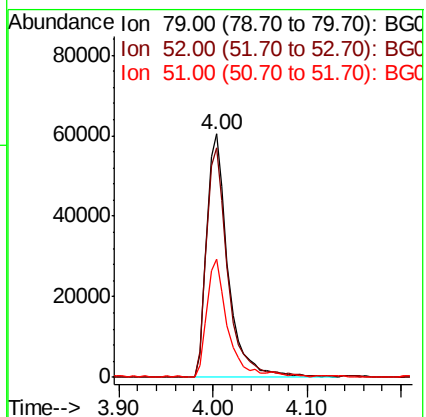
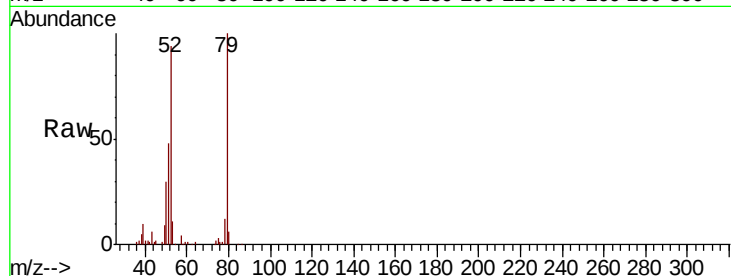
Tgt Ion: 79 Resp: 97101

Ion Ratio Lower Upper

79 100

52 94.3 82.6 124.0

51 48.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.103 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

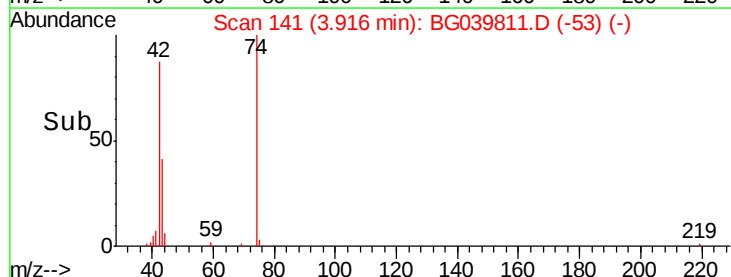
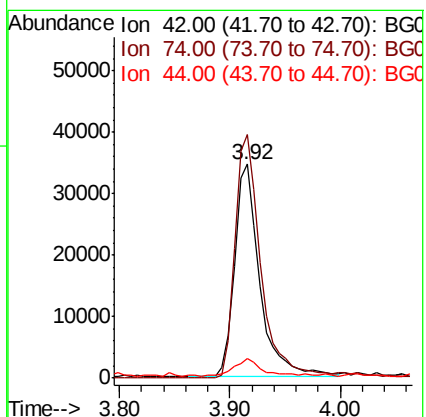
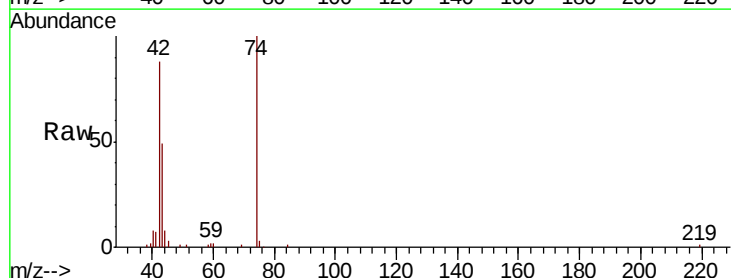
Tgt Ion: 42 Resp: 55946

Ion Ratio Lower Upper

42 100

74 113.7 83.6 125.4

44 9.1 6.9 10.3





#5

2-Fluorophenol

Concen: 136.976 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

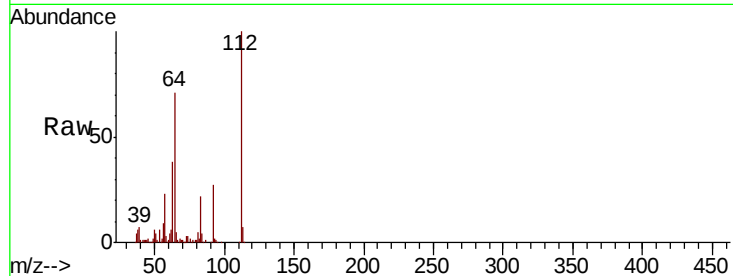
Tgt Ion: 112 Resp: 362014

Ion Ratio Lower Upper

112 100

64 71.5 57.8 86.8

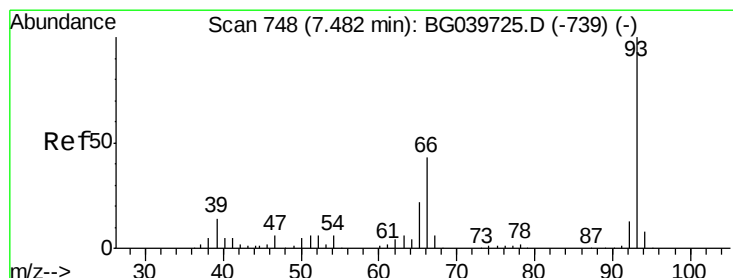
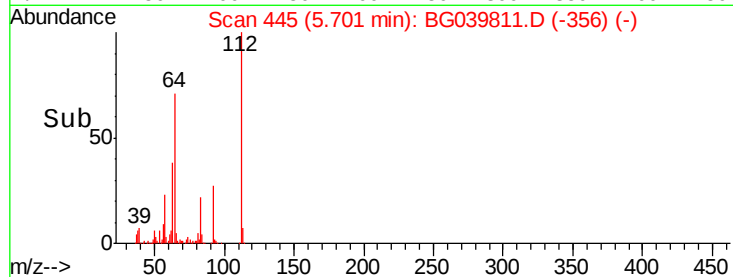
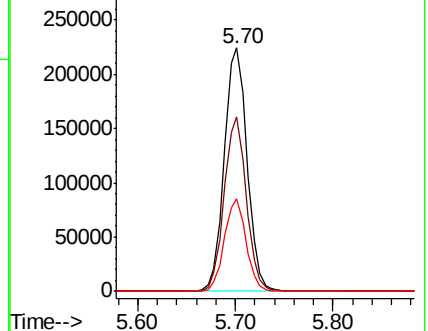
63 37.9 29.8 44.6



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: 7.653 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

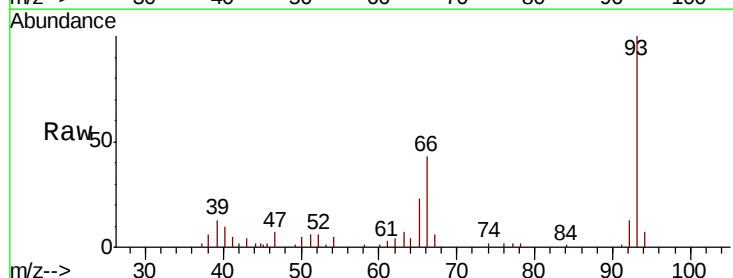
Tgt Ion: 93 Resp: 39510

Ion Ratio Lower Upper

93 100

66 43.4 34.2 51.4

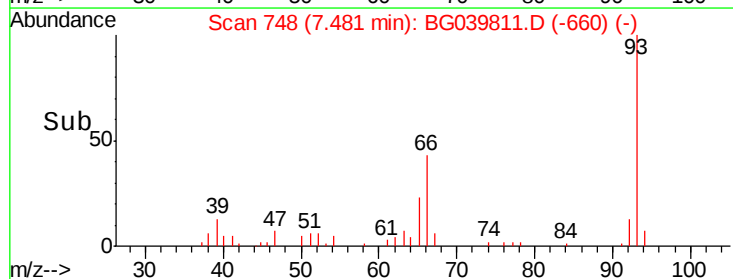
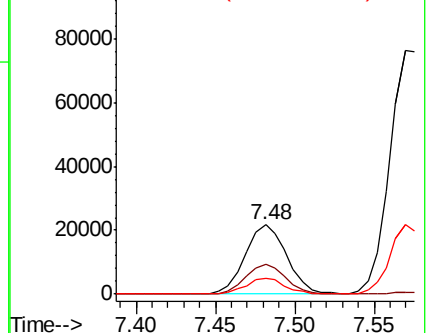
65 23.0 17.7 26.5



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: 127.106 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

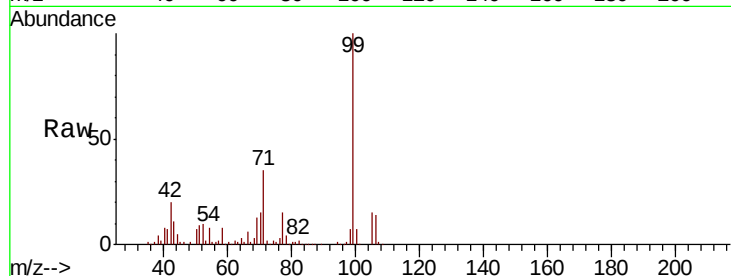
Tgt Ion: 99 Resp: 500887

Ion Ratio Lower Upper

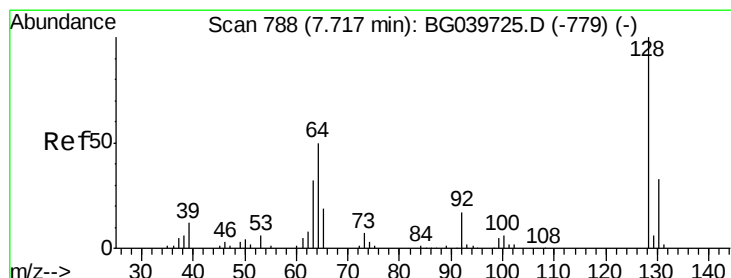
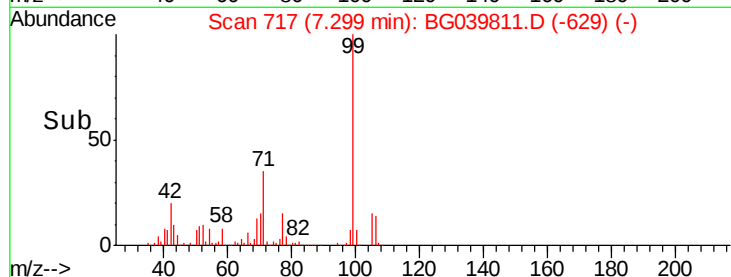
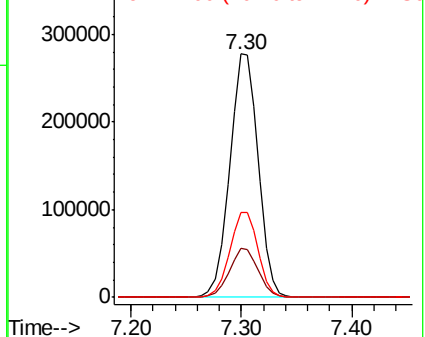
99 100

42 19.9 18.2 27.2

71 35.1 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: 40.976 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

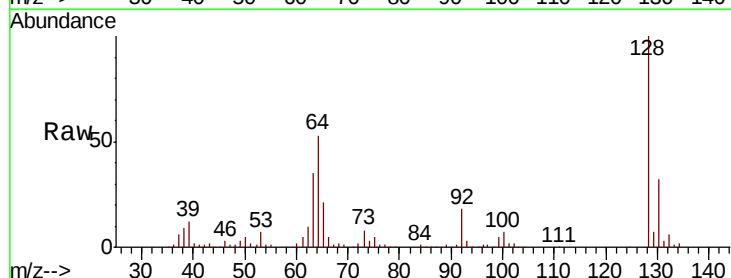
Tgt Ion: 128 Resp: 131382

Ion Ratio Lower Upper

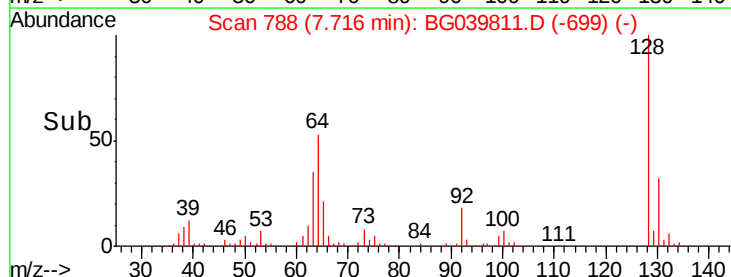
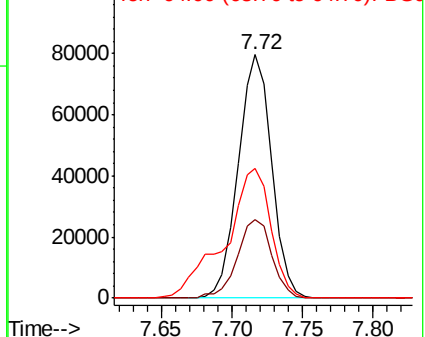
128 100

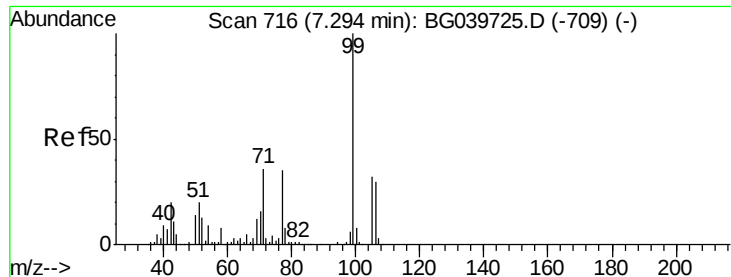
130 32.5 12.9 52.9

64 53.5 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: 31.279 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

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TP-6CD-SMSD

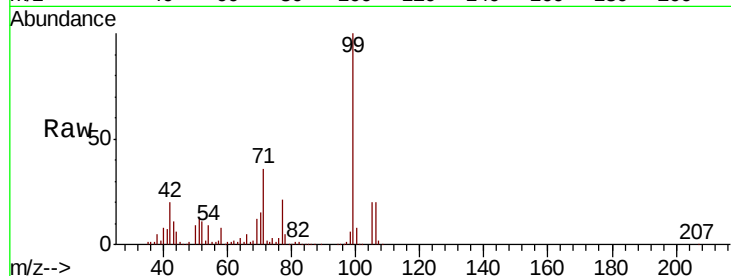
Tgt Ion: 77 Resp: 79512

Ion Ratio Lower Upper

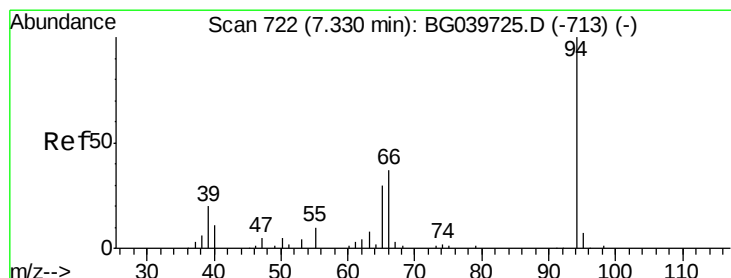
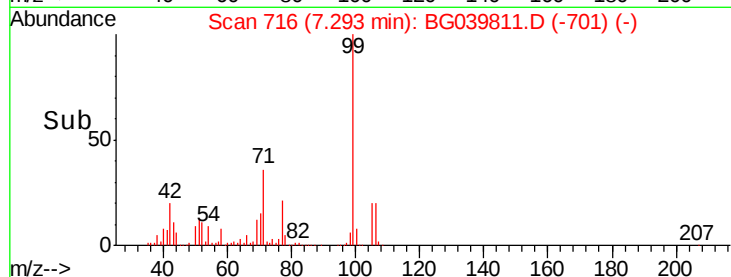
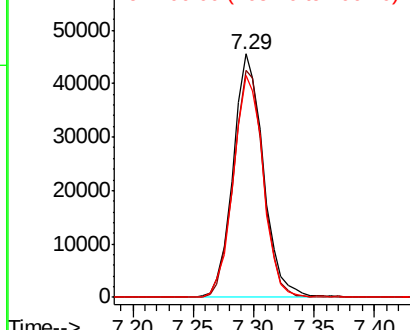
77 100

105 93.0 74.5 114.5

106 91.0 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.466 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

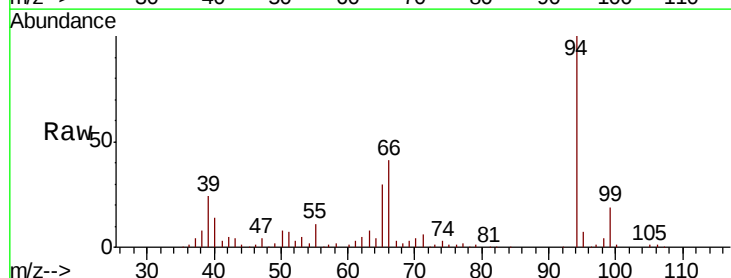
Tgt Ion: 94 Resp: 155676

Ion Ratio Lower Upper

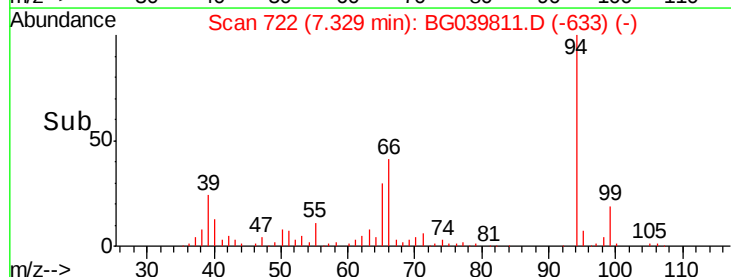
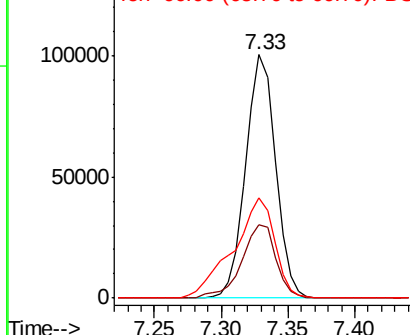
94 100

65 30.0 11.7 51.7

66 41.4 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



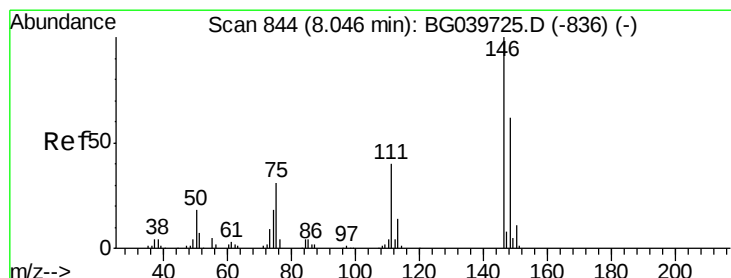
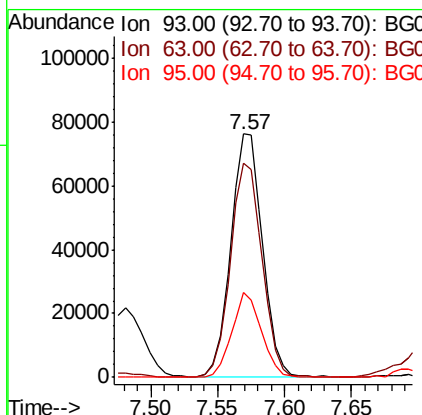
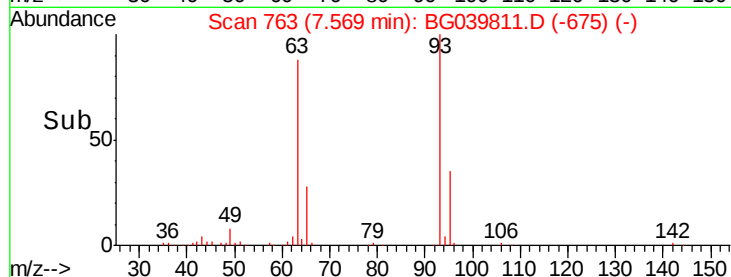
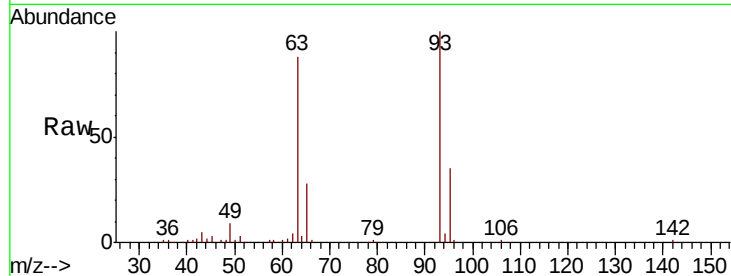


#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion: 93 Resp: 126250

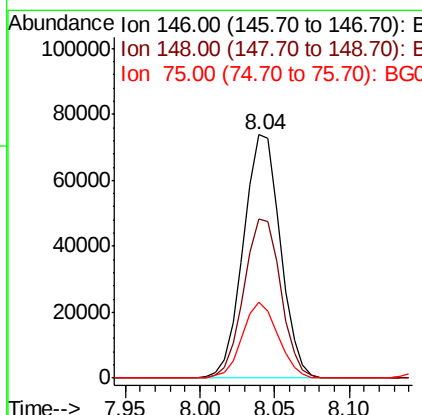
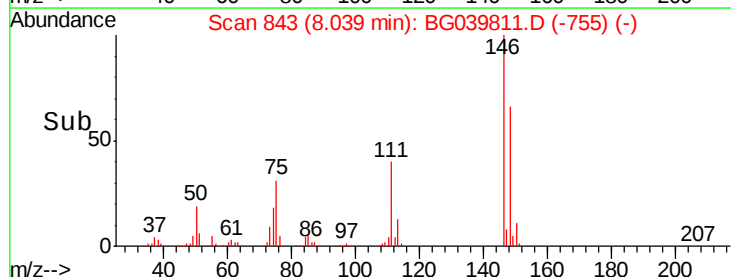
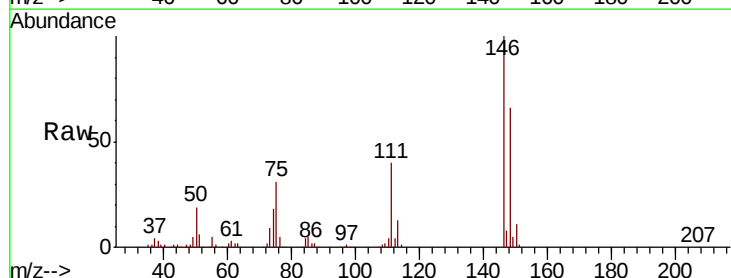
Ion	Ratio	Lower	Upper
93	100		
63	88.2	69.5	109.5
95	35.0	12.7	52.7

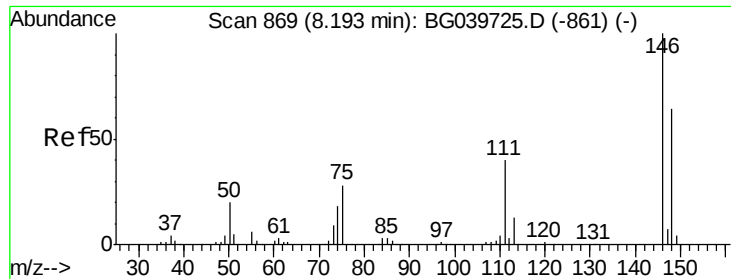


#12
1,3-Dichlorobenzene
Concen: 34.885 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion: 146 Resp: 126502

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	79.0
75	31.0	25.8	38.6

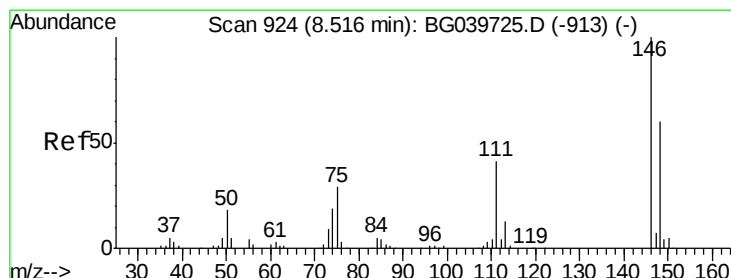
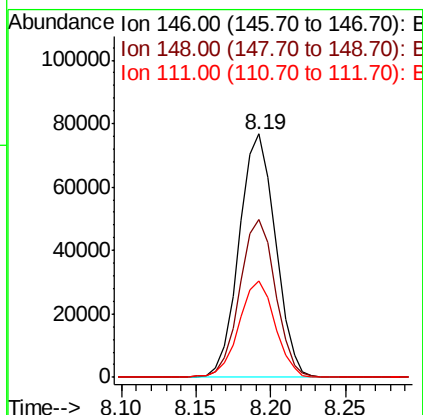
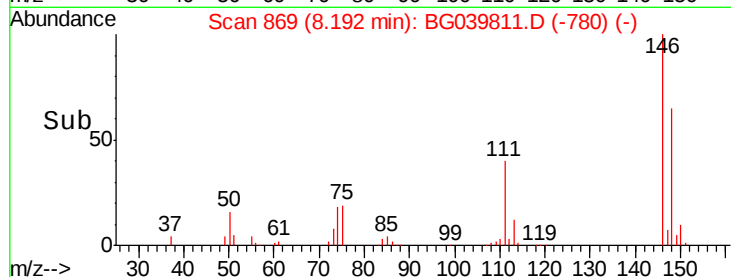
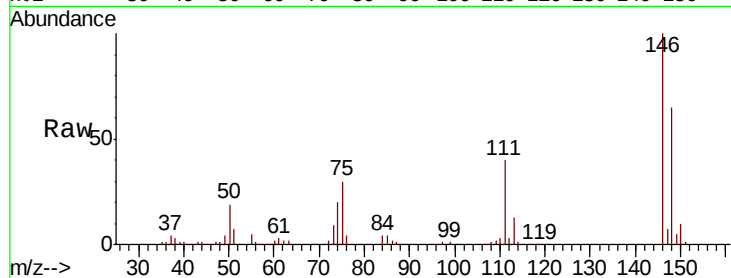




#13
 1,4-Dichlorobenzene
 Concen: 35.043 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

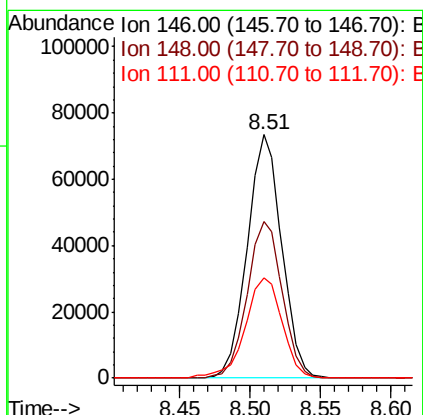
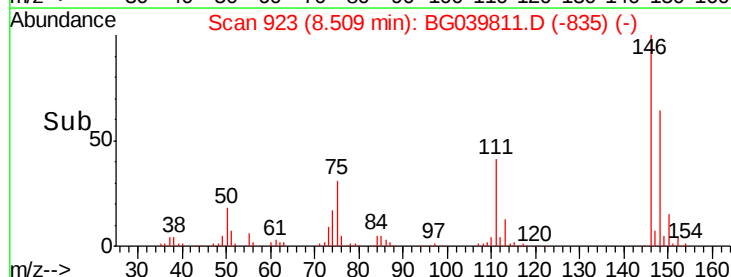
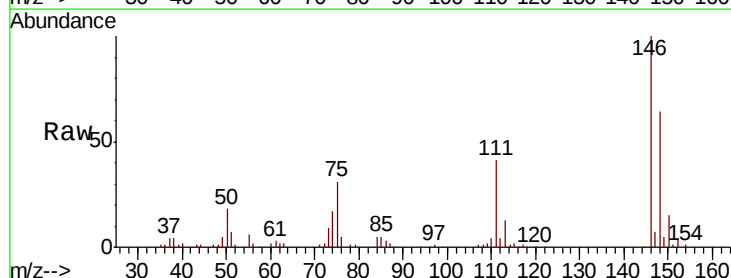
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

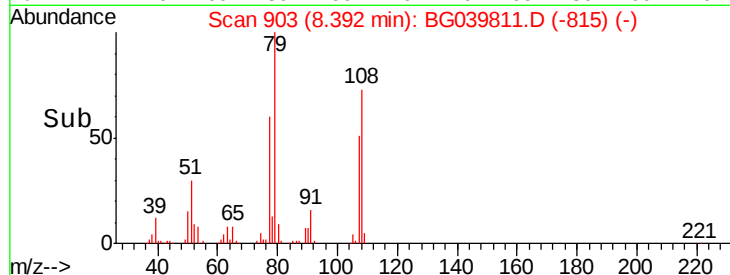
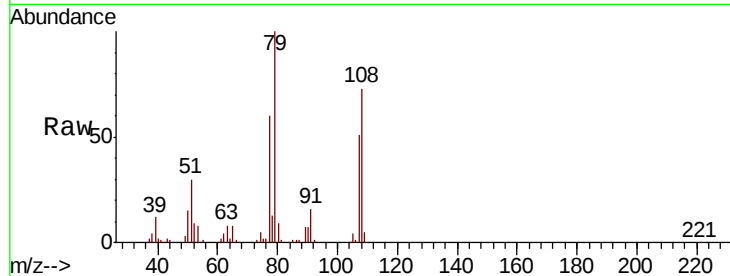
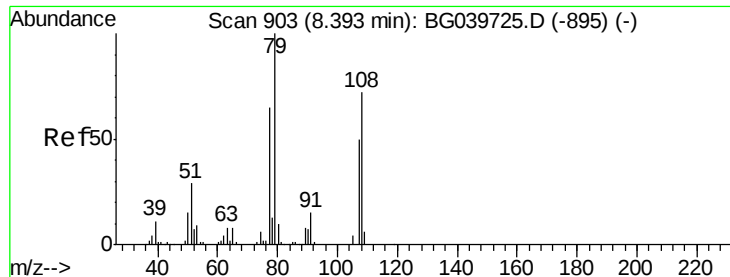
Tgt Ion:146 Resp: 129439
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 39.6 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 35.216 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:146 Resp: 125677
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 41.0 33.8 50.6

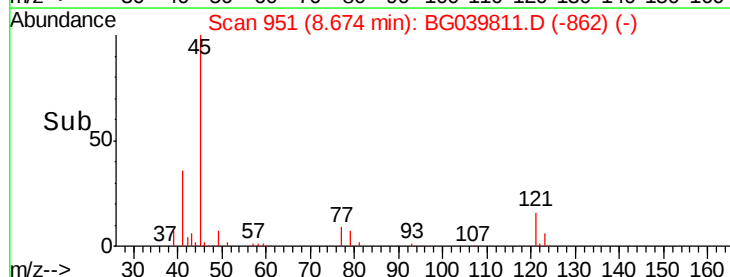
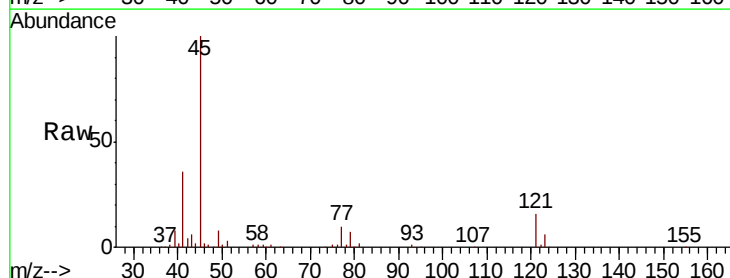
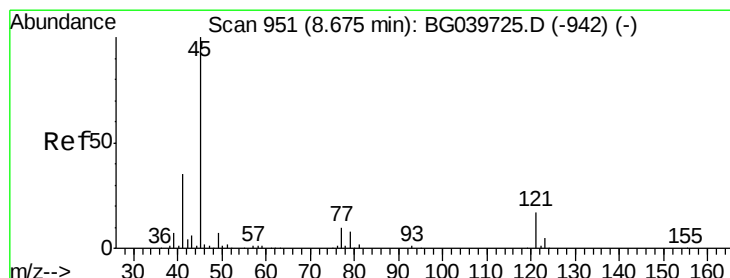
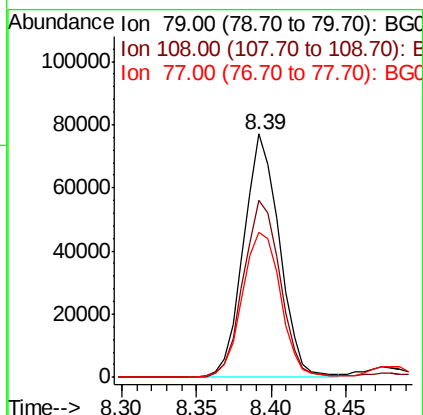




#15
Benzyl Alcohol
Concen: 40.898 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

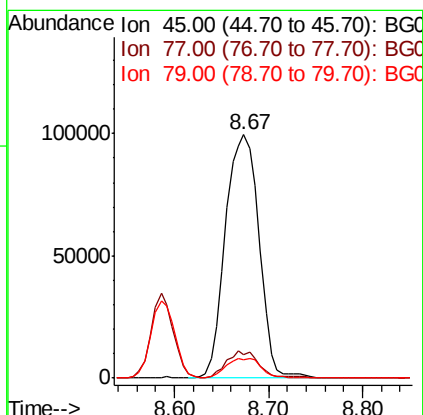
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

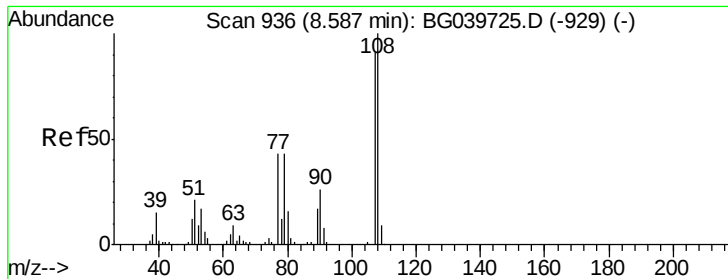
Tgt Ion: 79 Resp: 127846
Ion Ratio Lower Upper
79 100
108 72.9 57.8 86.6
77 59.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.235 ng
RT: 8.67 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion: 45 Resp: 247873
Ion Ratio Lower Upper
45 100
77 9.5 0.0 30.0
79 7.4 0.0 27.5

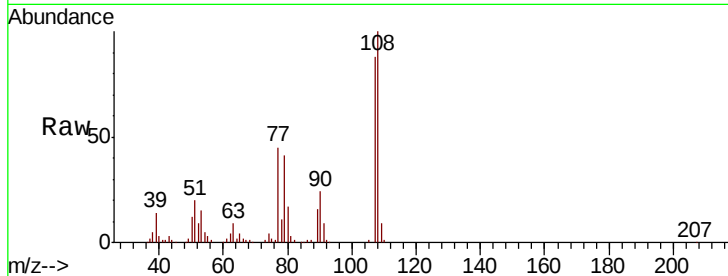




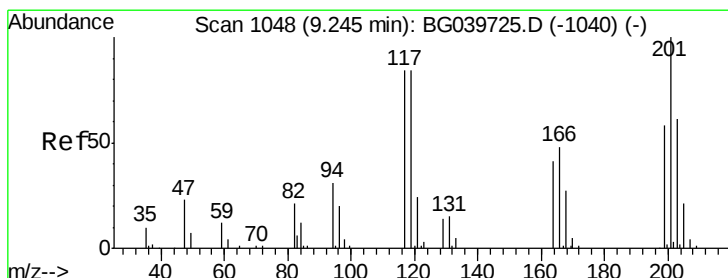
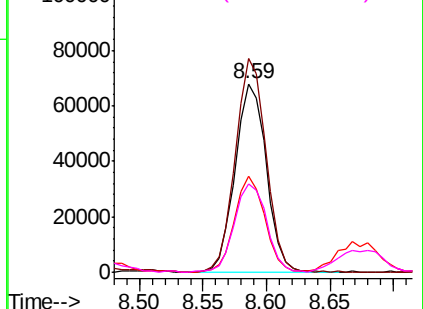
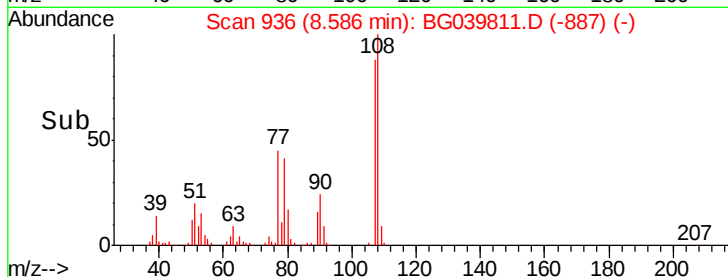
#17
2-Methylphenol
Concen: 42.628 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:	107	Resp:	116039
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.8	136.2
77	50.9	40.7	61.1
79	46.9	40.6	60.8

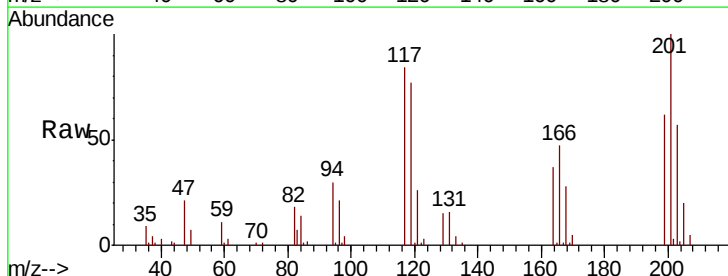


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

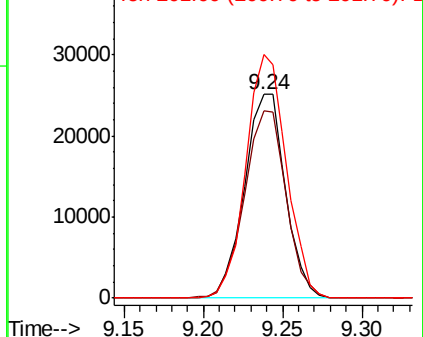
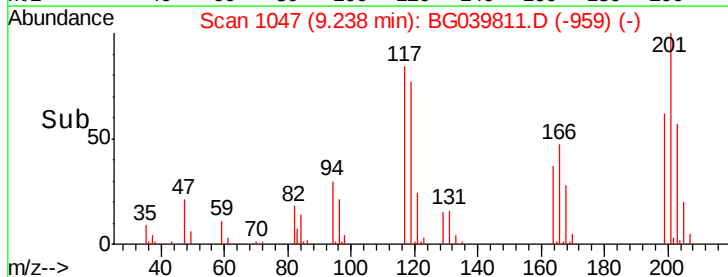


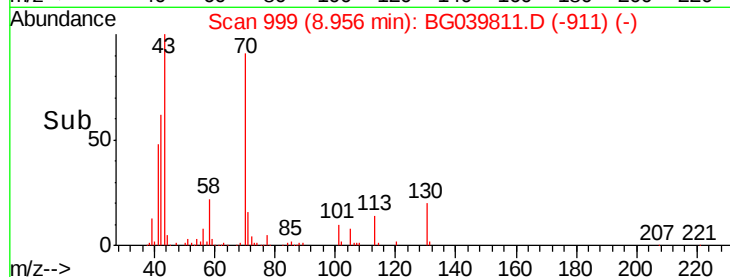
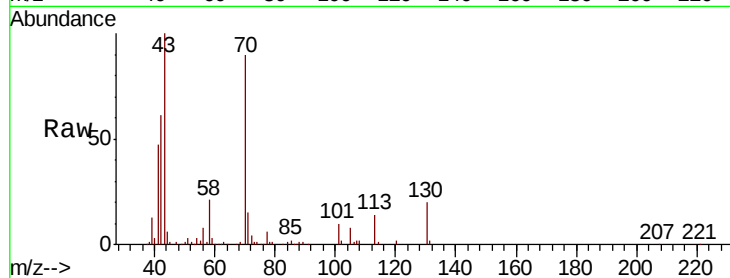
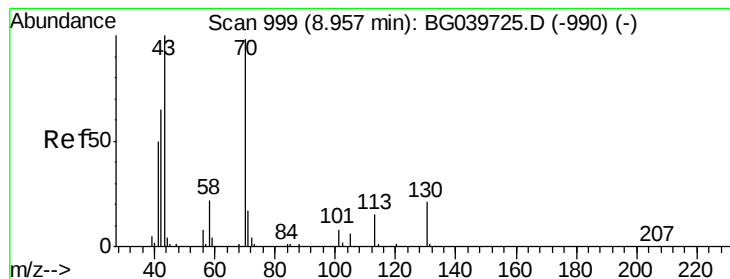
#18
Hexachloroethane
Concen: 33.973 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:	117	Resp:	45026
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.3	114.5
201	119.7	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
40000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.143 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

Tgt Ion: 70 Resp: 108190

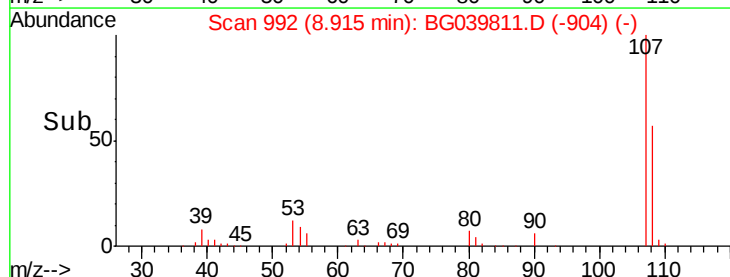
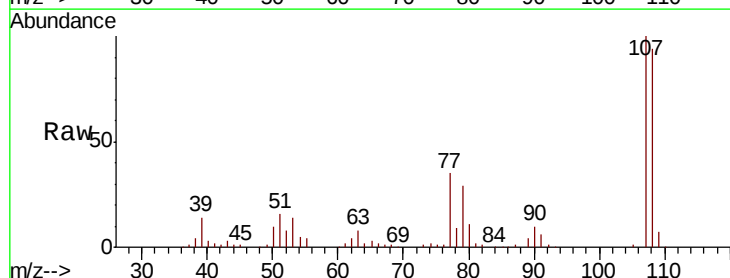
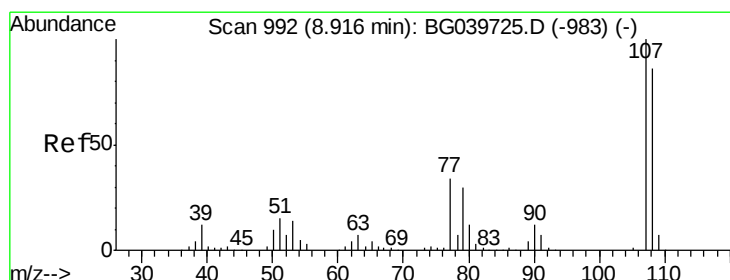
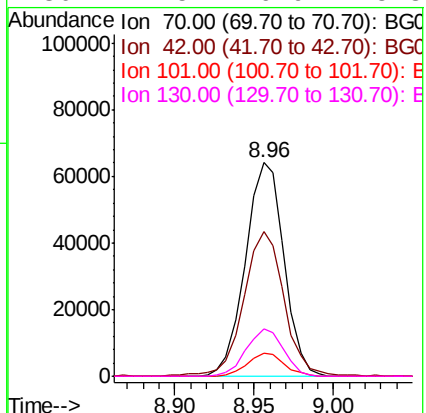
Ion Ratio Lower Upper

70 100

42 67.9 60.4 90.6

101 10.7 7.5 11.3

130 22.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.890 ng

RT: 8.91 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion: 107 Resp: 158411

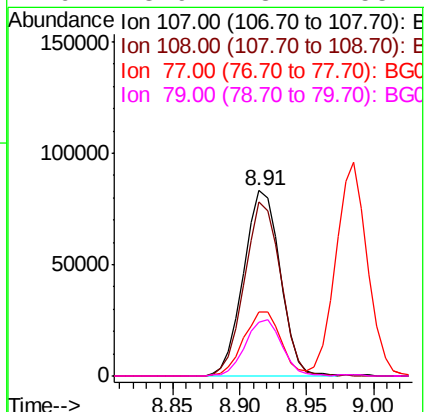
Ion Ratio Lower Upper

107 100

108 93.8 67.9 107.9

77 34.9 15.4 55.4

79 28.9 13.7 53.7

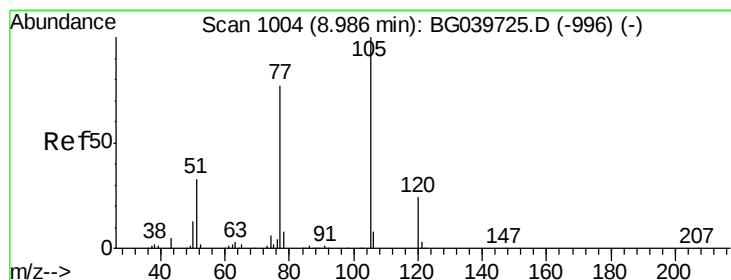
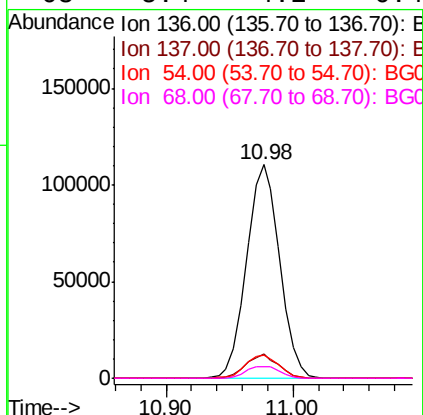
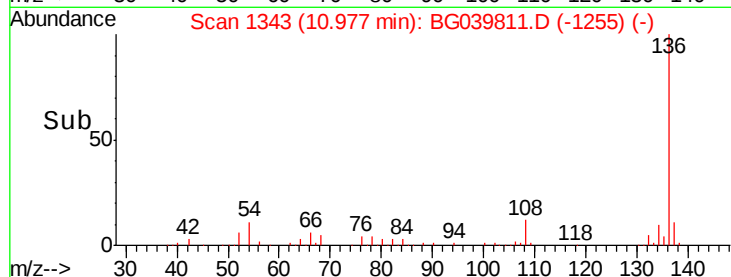
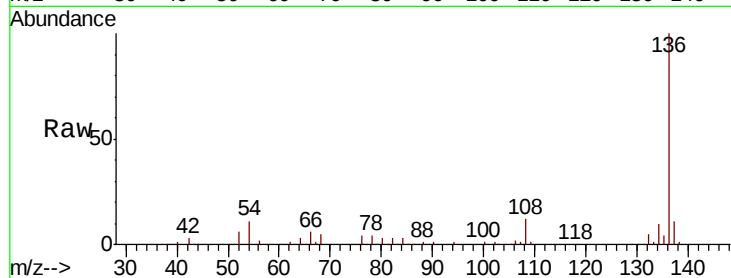




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

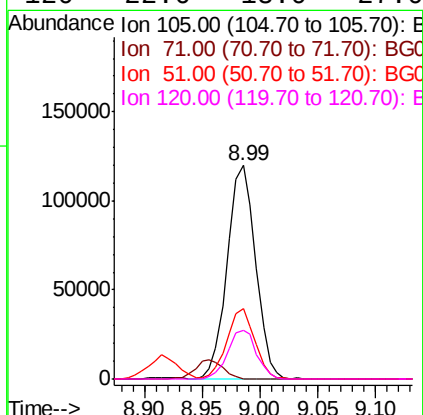
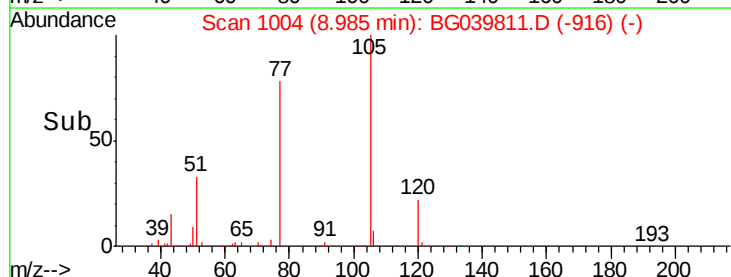
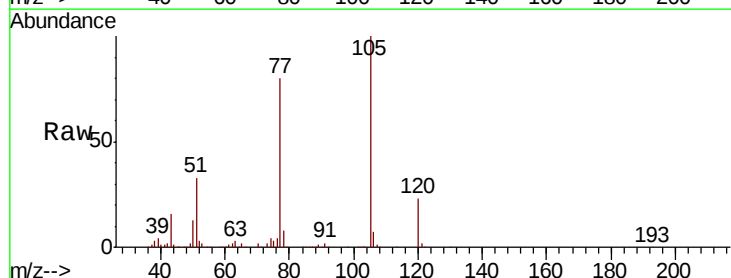
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

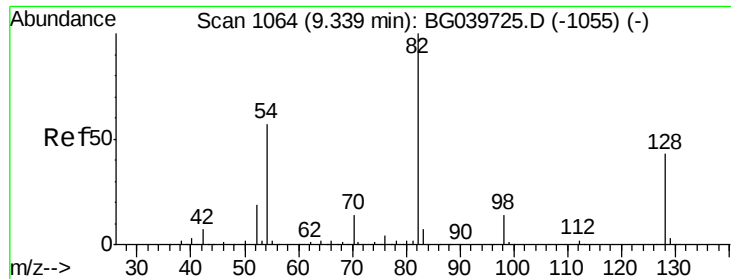
Tgt Ion:	136	Resp:	199298
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.4	14.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 38.319 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:	105	Resp:	204972
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	33.1	30.2	45.2
120	22.6	18.0	27.0

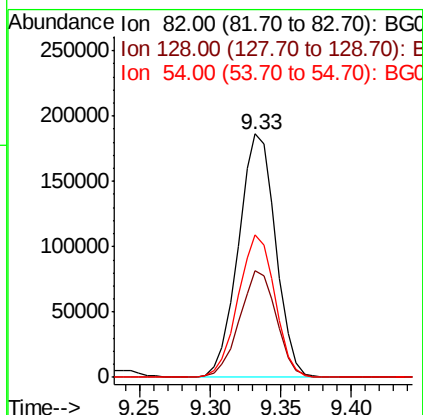
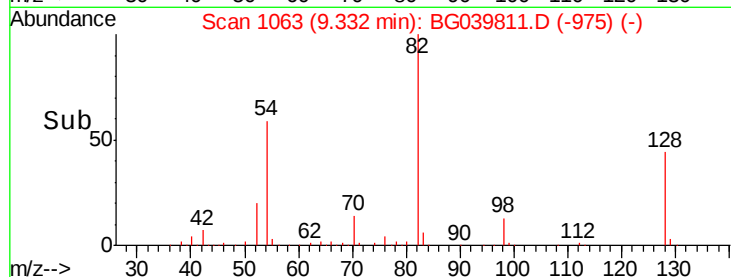
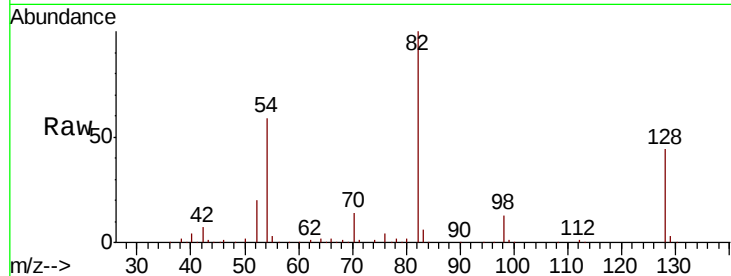




#23
 Nitrobenzene-d5
 Concen: 93.166 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

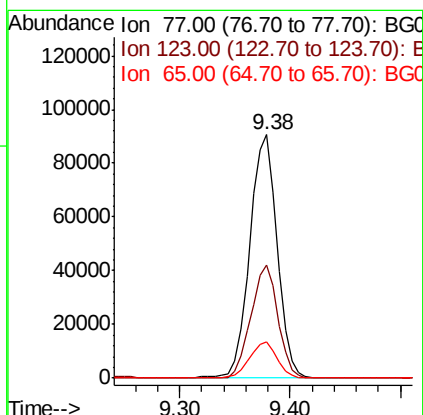
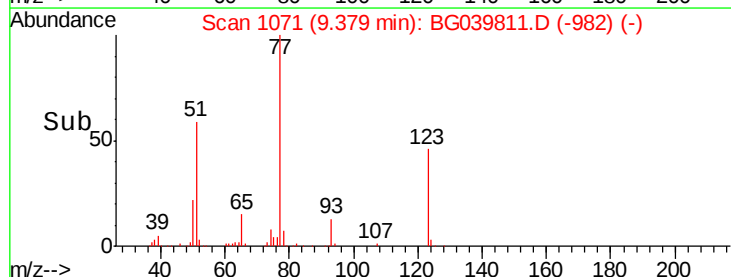
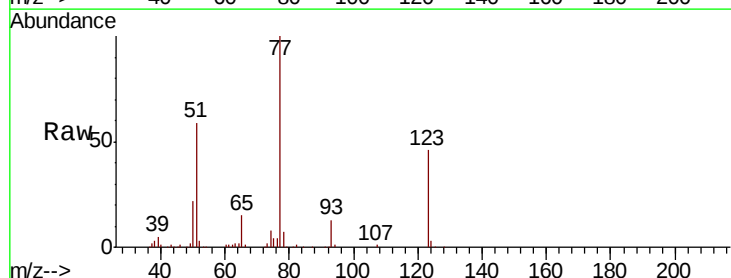
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

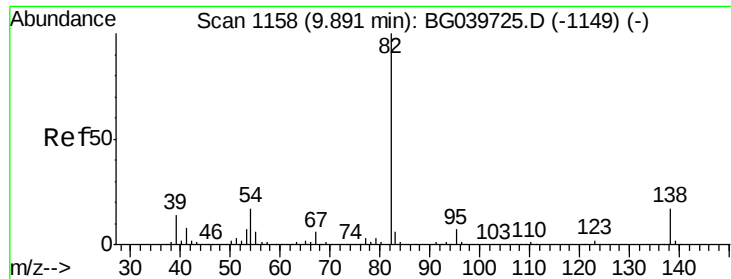
Tgt Ion: 82 Resp: 343315
 Ion Ratio Lower Upper
 82 100
 128 43.6 31.3 46.9
 54 58.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.849 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion: 77 Resp: 157912
 Ion Ratio Lower Upper
 77 100
 123 46.2 34.1 51.1
 65 15.1 12.3 18.5

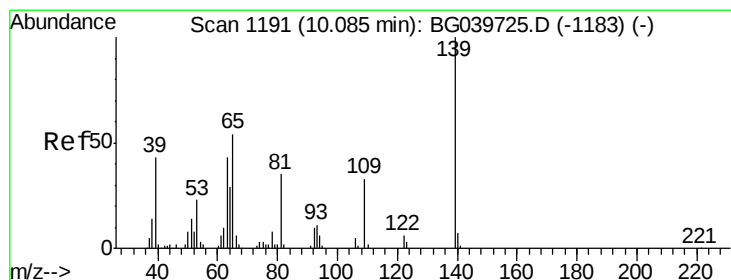
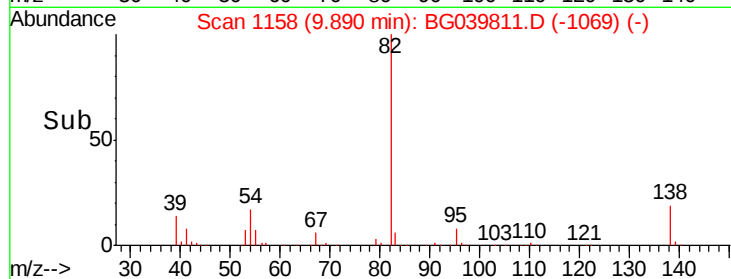
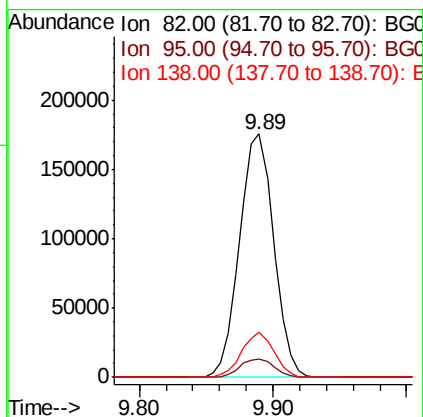
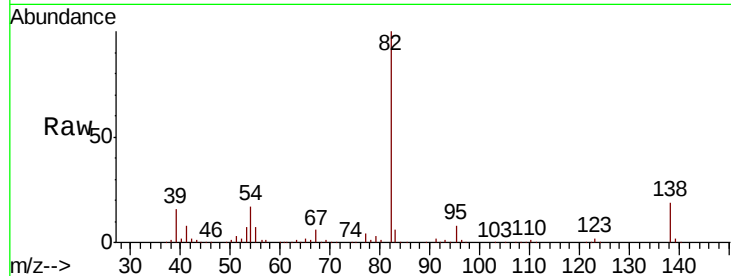




#25
Isophorone
Concen: 40.325 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

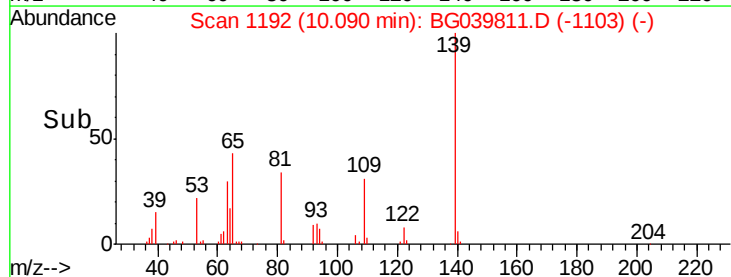
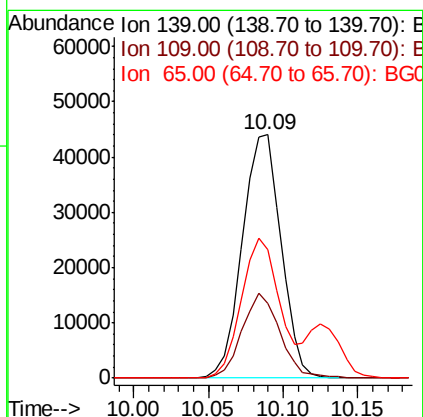
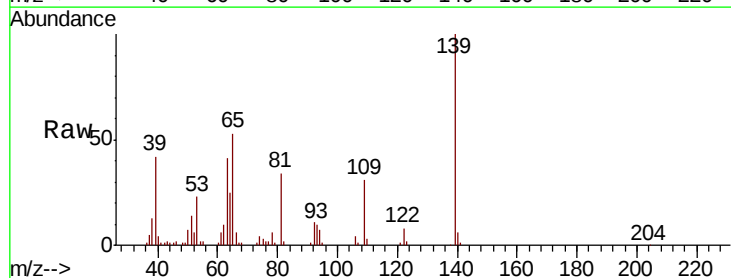
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion: 82 Resp: 311360
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 18.6 13.0 19.4



#26
2-Nitrophenol
Concen: 42.305 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion: 139 Resp: 78962
Ion Ratio Lower Upper
139 100
109 30.7 23.4 35.0
65 52.9 44.3 66.5

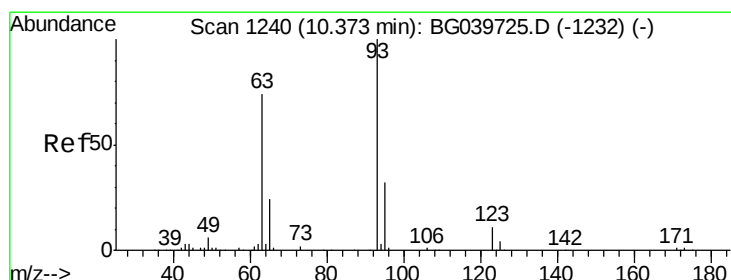
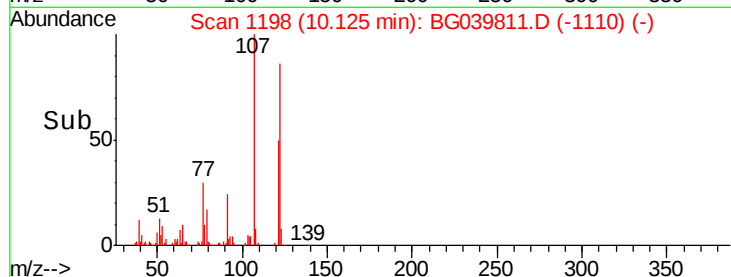
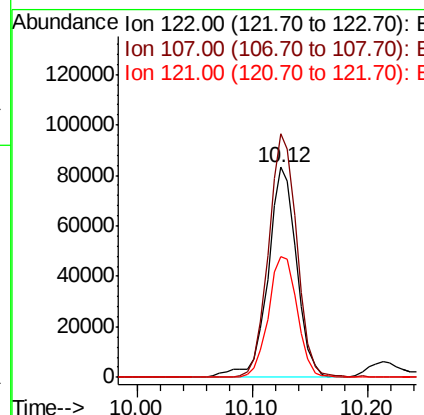
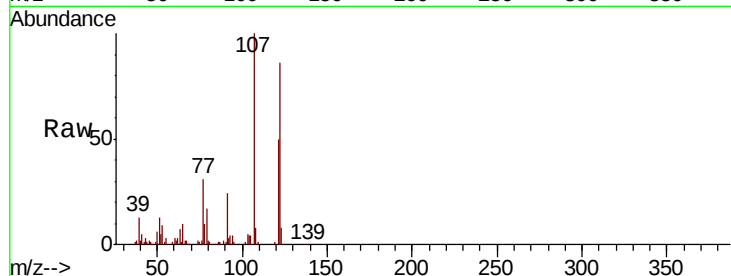




#27
 2,4-Dimethylphenol
 Concen: 49.587 ng
 RT: 10.12 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

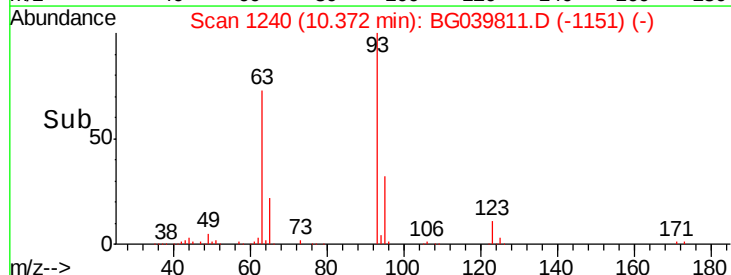
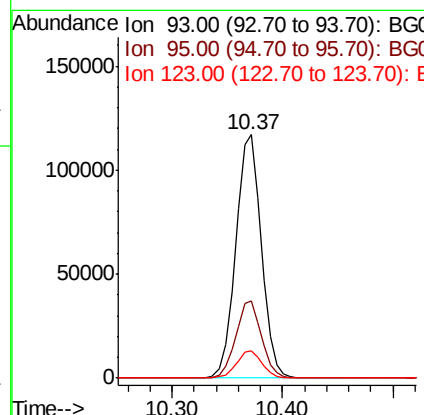
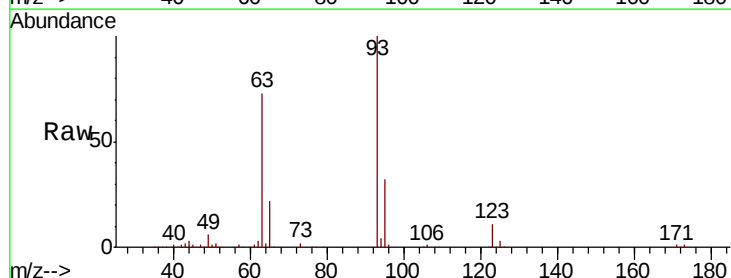
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion: 122 Resp: 143944
 Ion Ratio Lower Upper
 122 100
 107 115.8 91.7 137.5
 121 57.6 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.434 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion: 93 Resp: 189723
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.0 37.4
 123 11.3 8.6 12.8

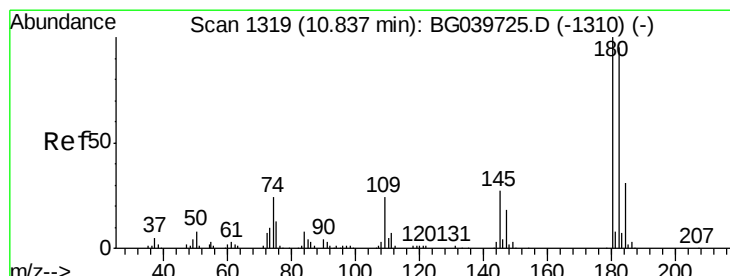
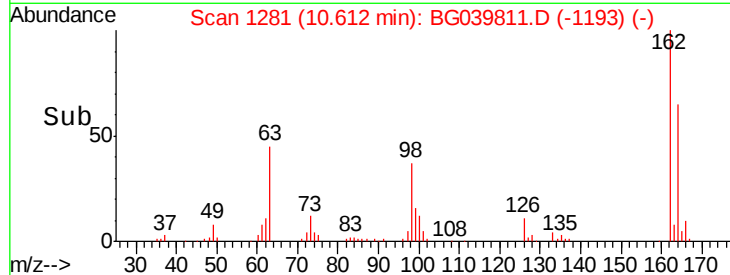
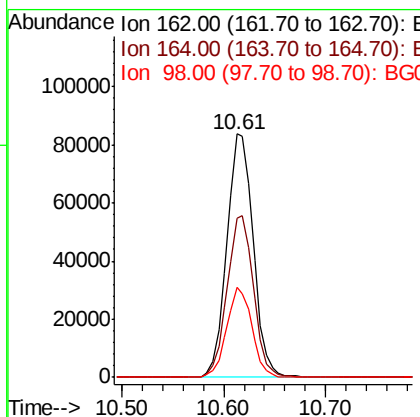
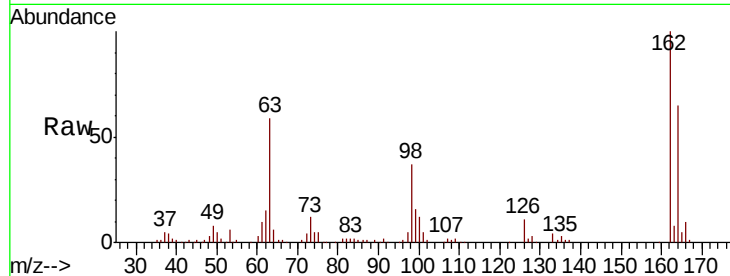




#29
 2,4-Dichlorophenol
 Concen: 46.180 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

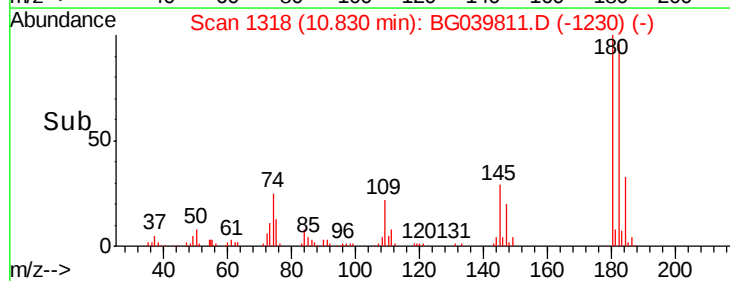
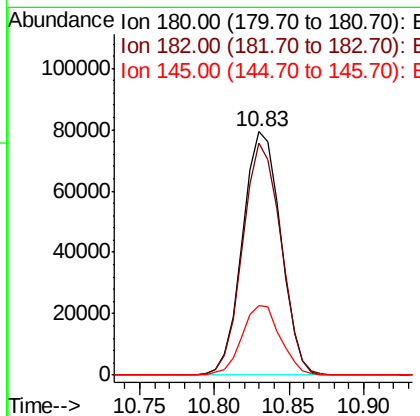
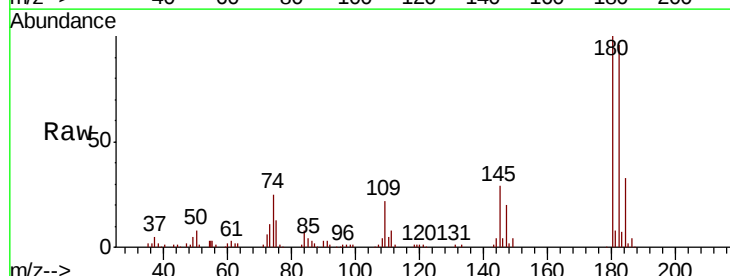
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion	Resp	Lower	Upper
162	150933		
164	65.2	48.1	88.1
98	36.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.305 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Resp	Lower	Upper
180	140874		
182	95.5	76.0	114.0
145	28.8	22.7	34.1

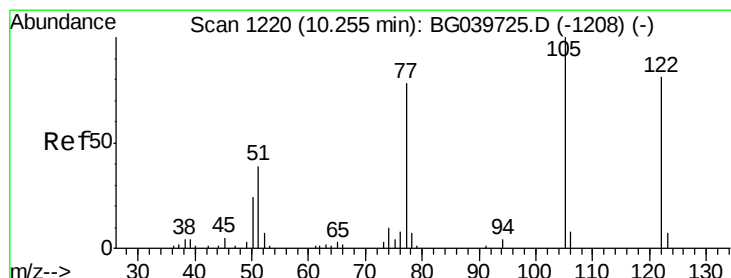
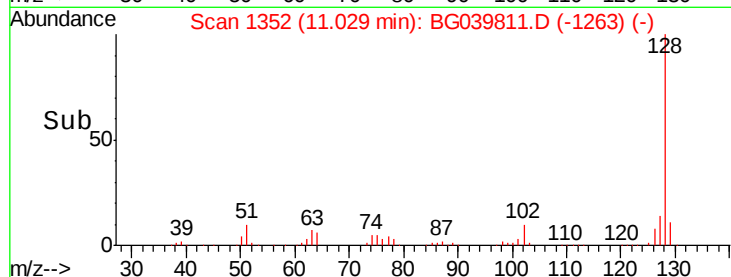
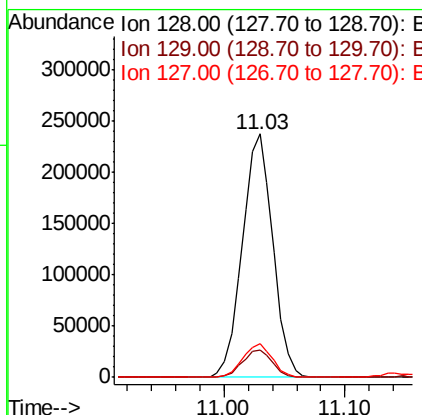
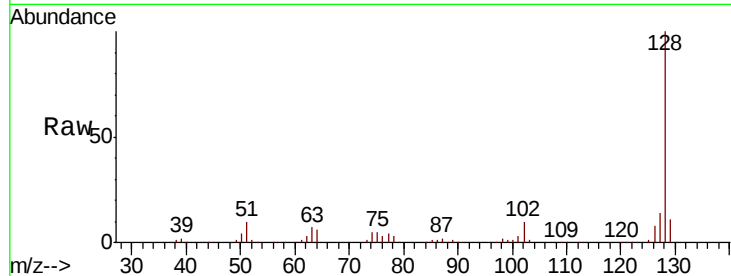




#31
Naphthalene
Concen: 39.407 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

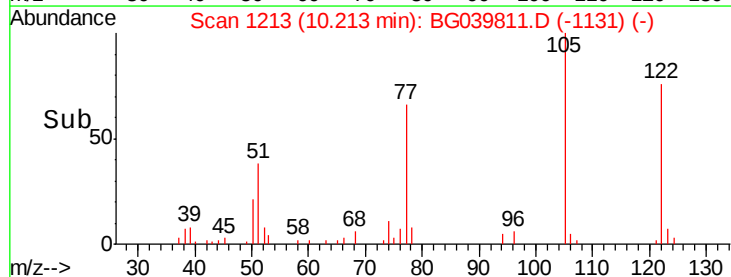
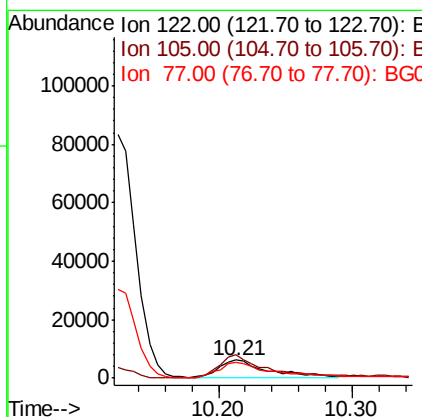
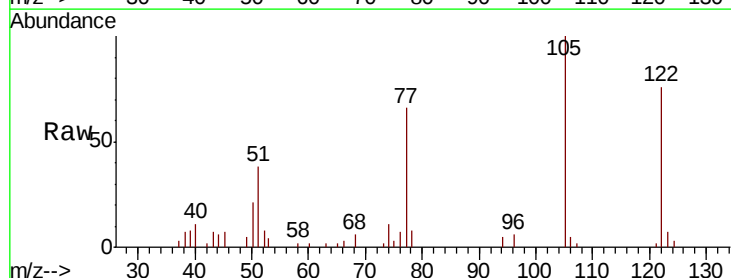
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

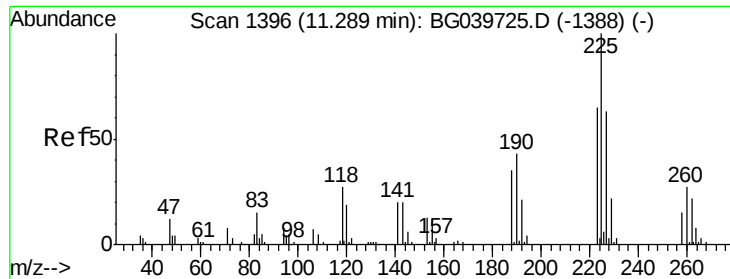
Tgt Ion:128 Resp: 415827
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 12.617 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:122 Resp: 13908
Ion Ratio Lower Upper
122 100
105 131.4 101.8 141.8
77 86.2 76.3 116.3

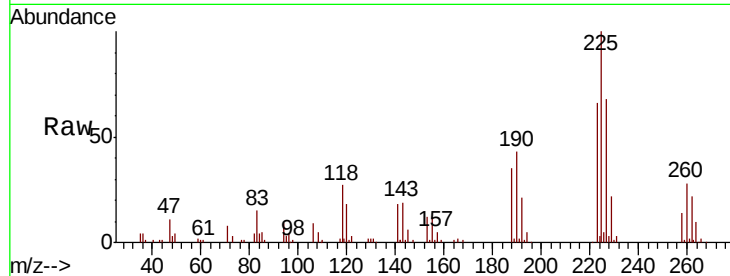




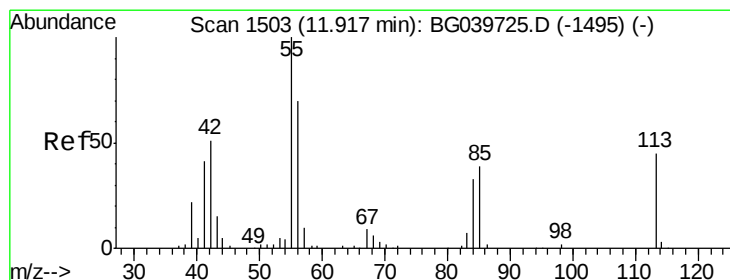
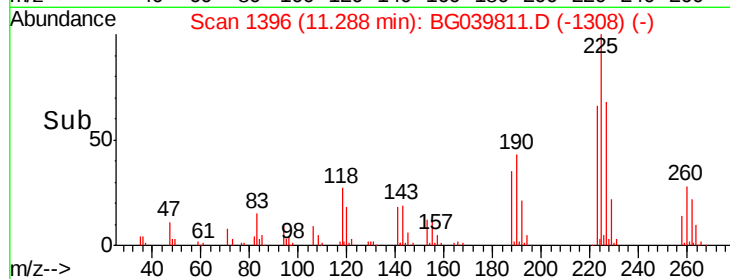
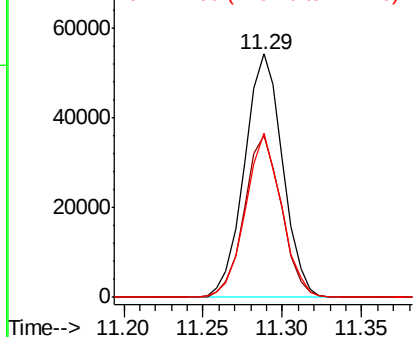
#34
Hexachlorobutadiene
Concen: 36.072 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:225 Resp: 90654
Ion Ratio Lower Upper
225 100
223 66.2 49.0 73.6
227 67.5 46.3 69.5

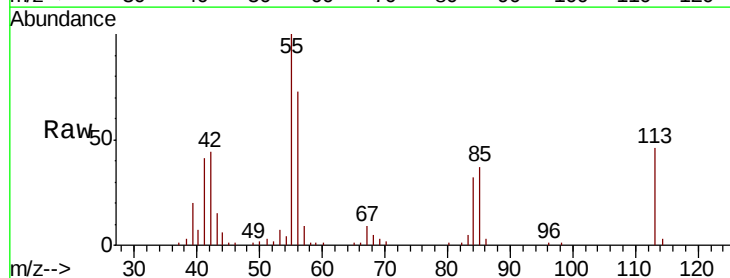


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

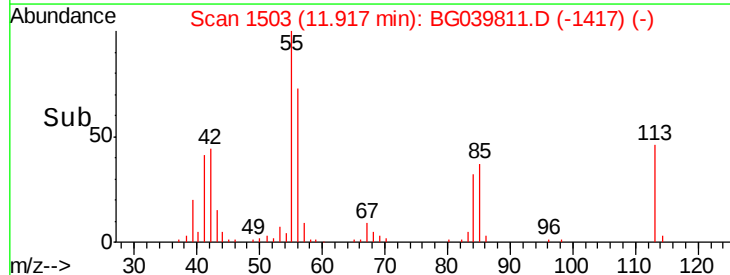
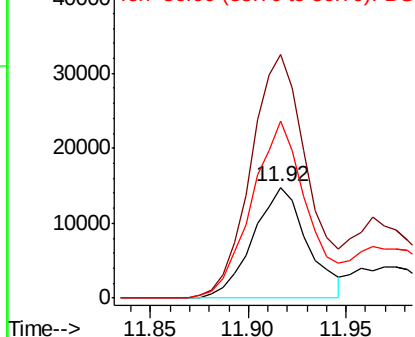


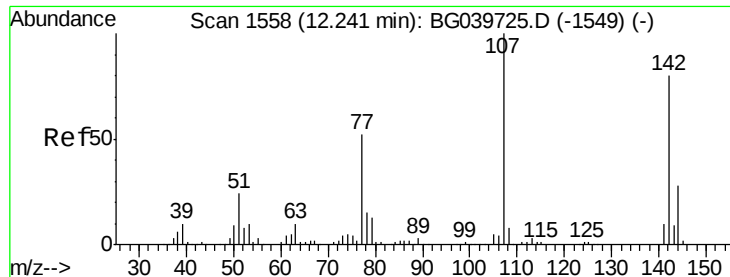
#35
Caprolactam
Concen: 22.862 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:113 Resp: 28543
Ion Ratio Lower Upper
113 100
55 219.3 216.9 256.9
56 159.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

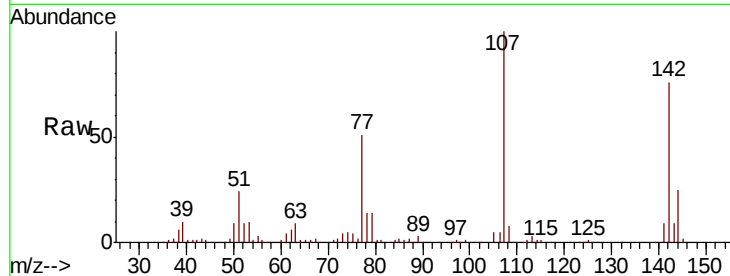




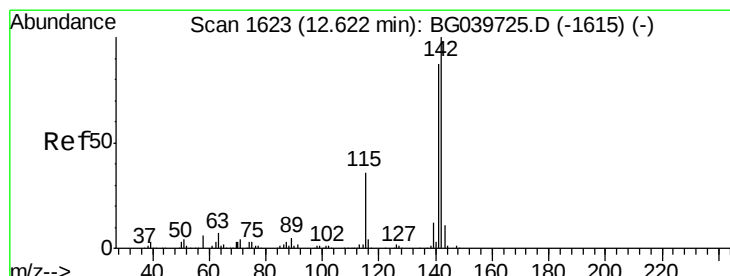
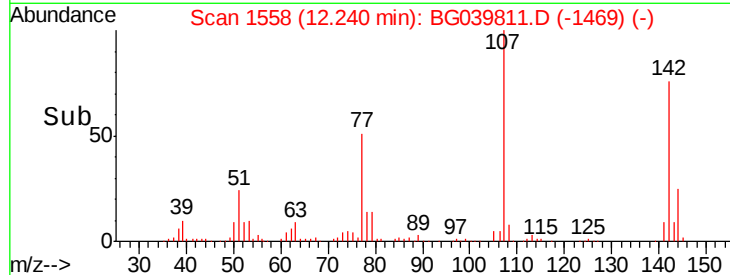
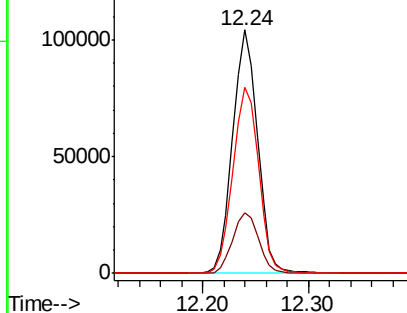
#36
 4-Chloro-3-methylphenol
 Concen: 45.368 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_F
 ClientSampled :
 TP-6CD-SMSD

Tgt Ion:107 Resp: 169972
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 76.3 61.4 92.2

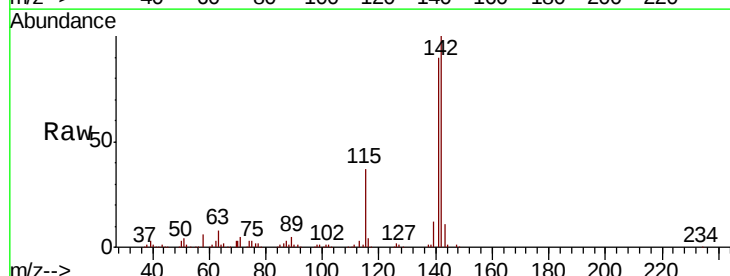


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

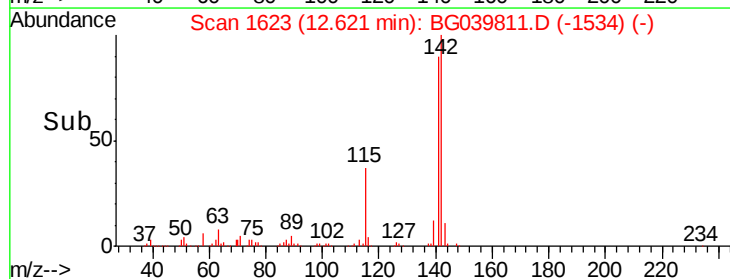
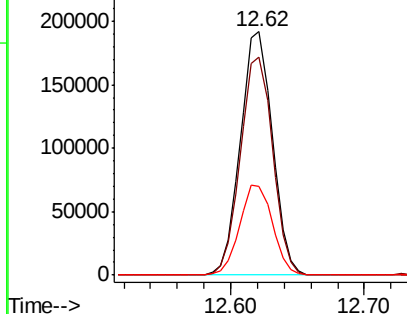


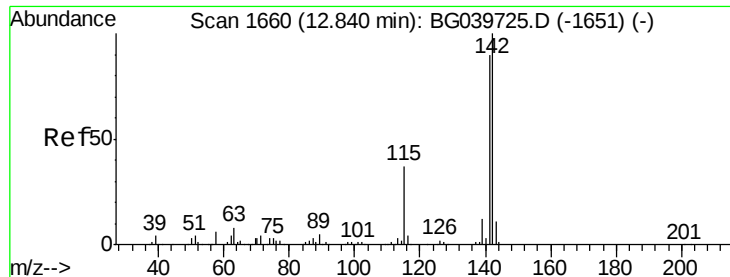
#37
 2-Methylnaphthalene
 Concen: 40.274 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:142 Resp: 317717
 Ion Ratio Lower Upper
 142 100
 141 89.7 73.5 110.3
 115 36.6 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

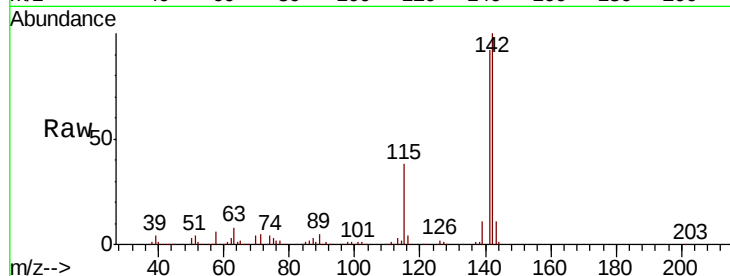




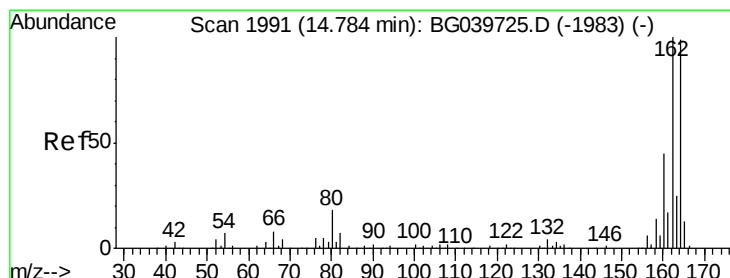
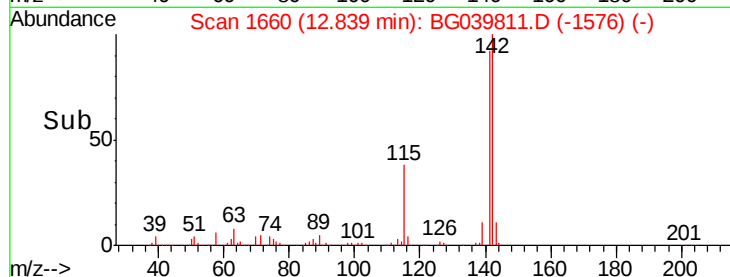
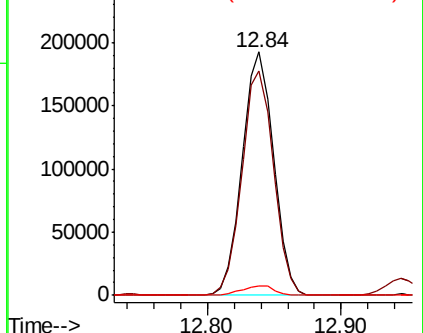
#38
 1-Methylnaphthalene
 Concen: 40.700 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion:142 Resp: 312030
 Ion Ratio Lower Upper
 142 100
 141 91.9 74.2 111.4
 116 4.0 3.0 4.6

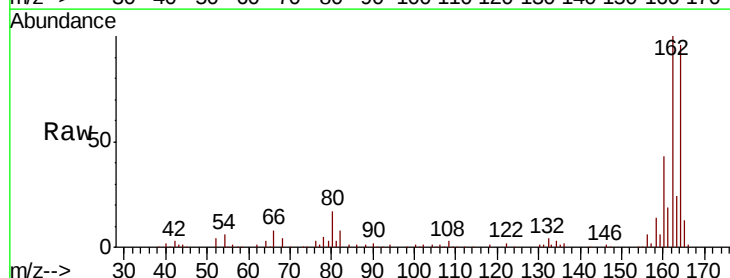


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

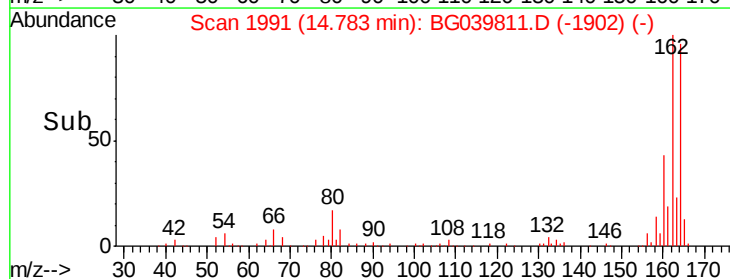
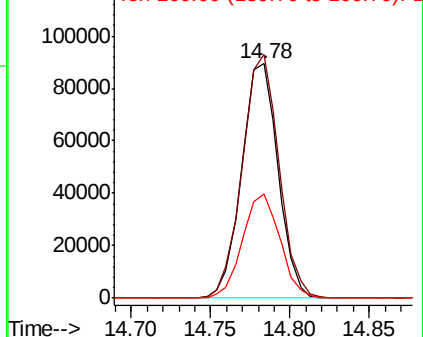


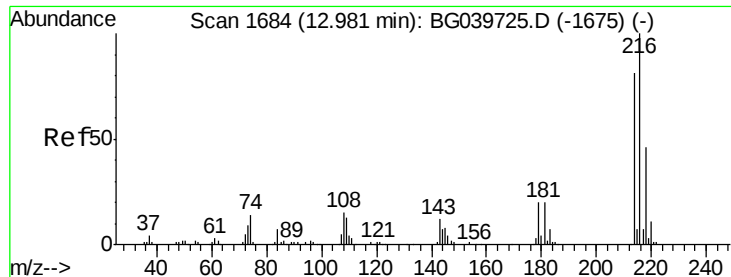
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:164 Resp: 142512
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.6 122.4
 160 44.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.602 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

Tgt Ion:216 Resp: 181539

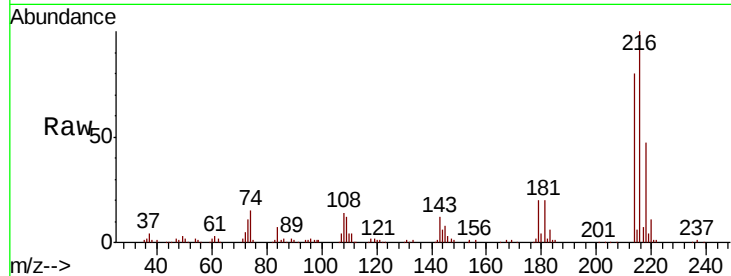
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.5 16.6 25.0

108 17.1 14.0 21.0

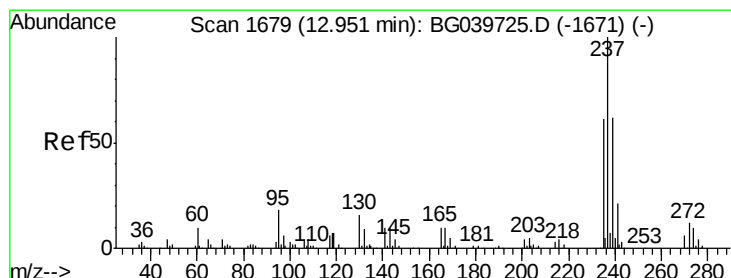
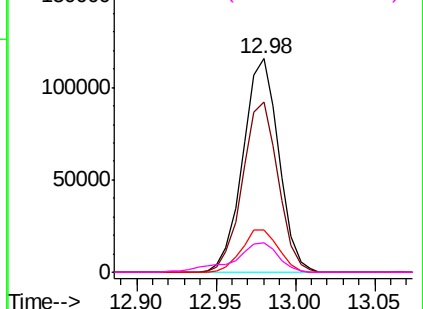
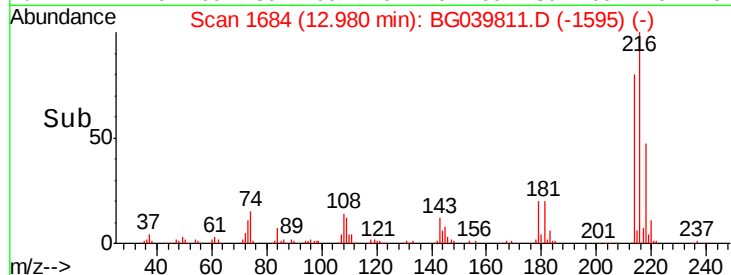


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 74.408 ng

RT: 12.94 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

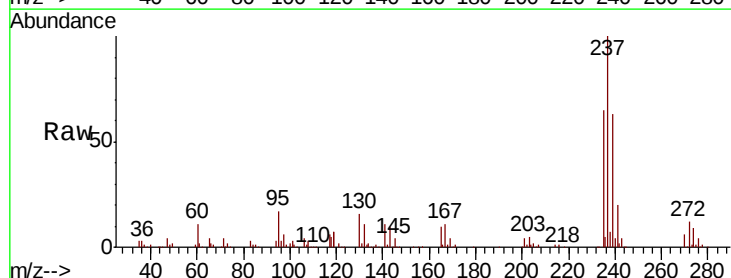
Tgt Ion:237 Resp: 192518

Ion Ratio Lower Upper

237 100

235 65.3 43.3 83.3

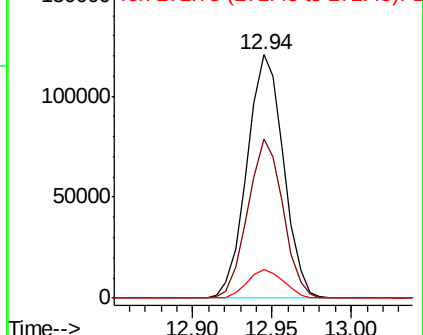
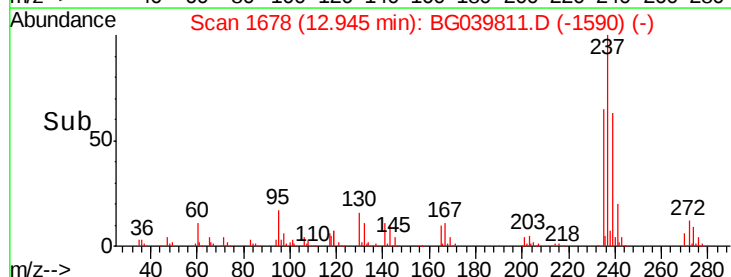
272 11.7 0.0 32.3

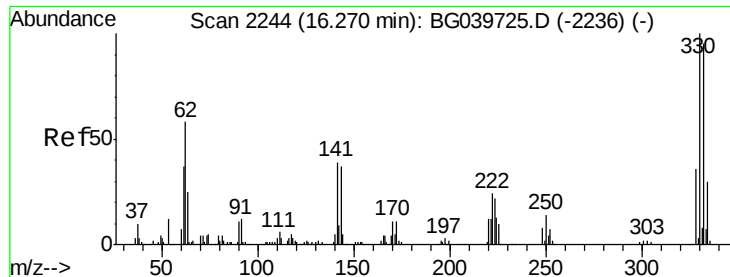


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 148.902 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

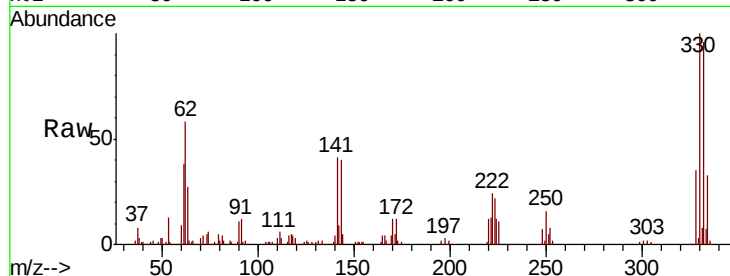
Tgt Ion:330 Resp: 247339

Ion Ratio Lower Upper

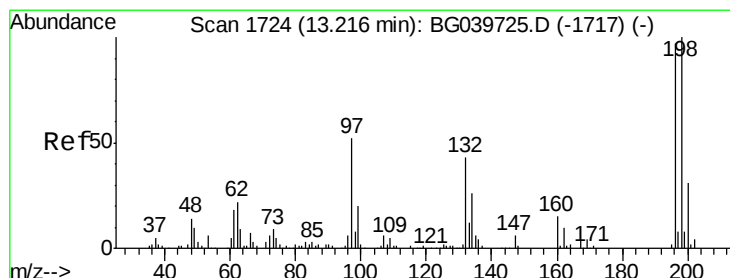
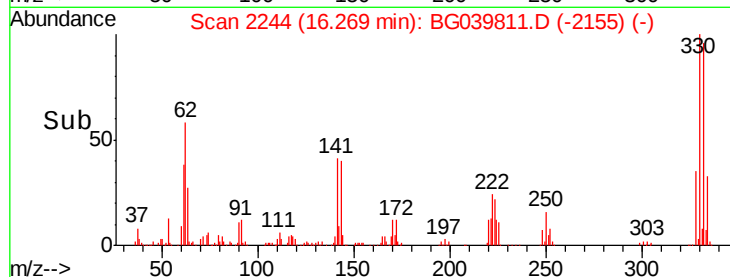
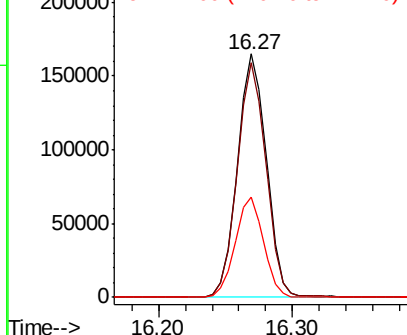
330 100

332 95.5 75.7 113.5

141 40.3 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: 47.007 ng

RT: 13.21 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

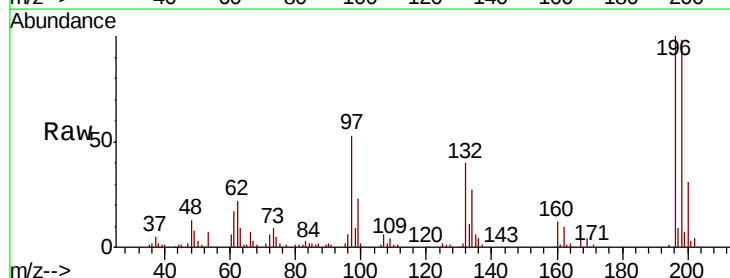
Tgt Ion:196 Resp: 132868

Ion Ratio Lower Upper

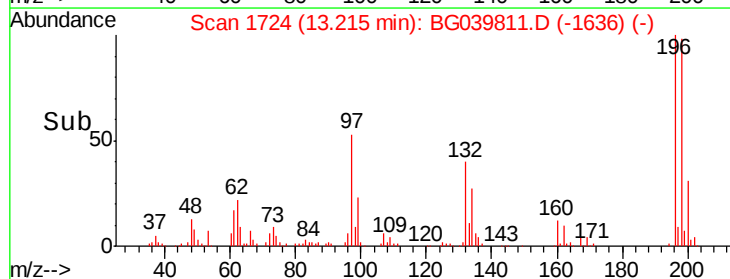
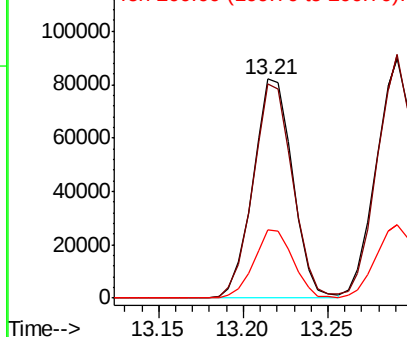
196 100

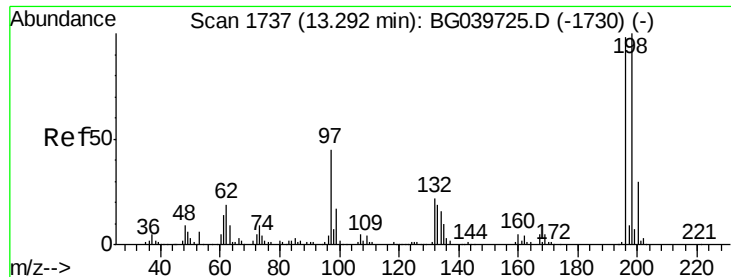
198 97.7 80.6 121.0

200 31.3 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

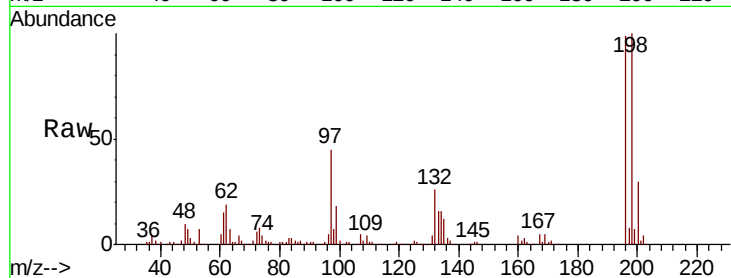




#44
2,4,5-Trichlorophenol
Concen: 45.324 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	78.5	117.7
97	46.1	38.4	57.6
132	26.2	19.2	28.8



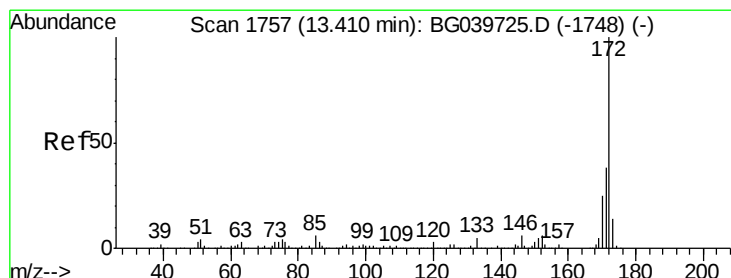
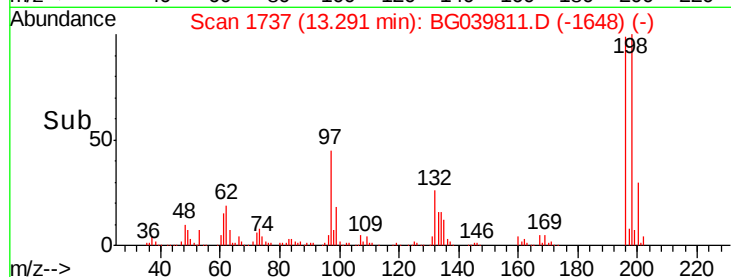
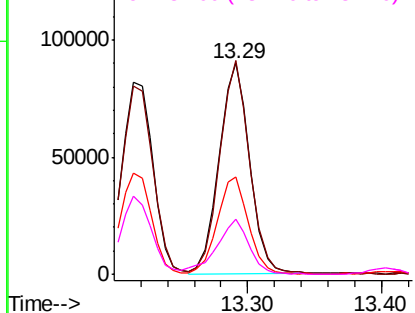
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

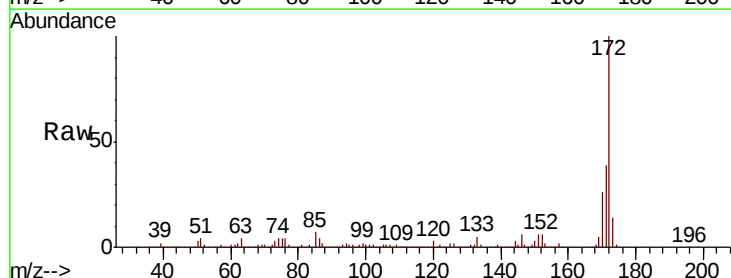
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 83.796 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.6	20.2	30.4

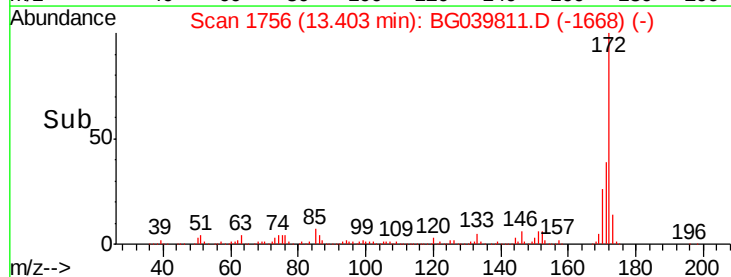
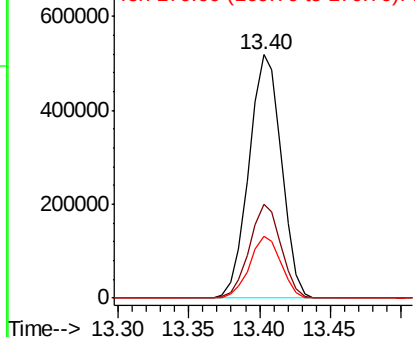


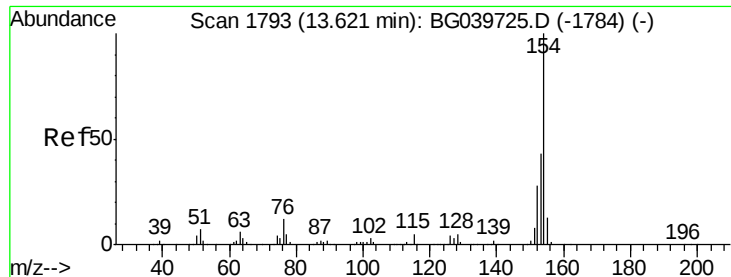
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

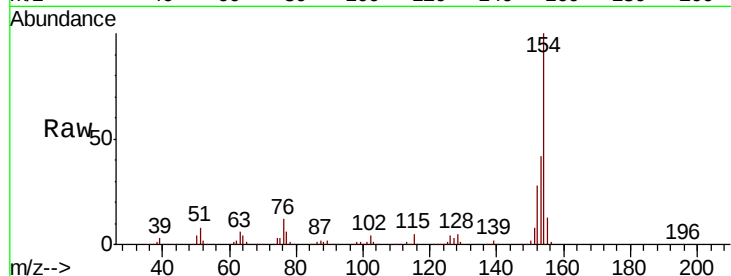




#46
 1,1'-Biphenyl
 Concen: 38.678 ng
 RT: 13.61 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.9	0.0	32.4

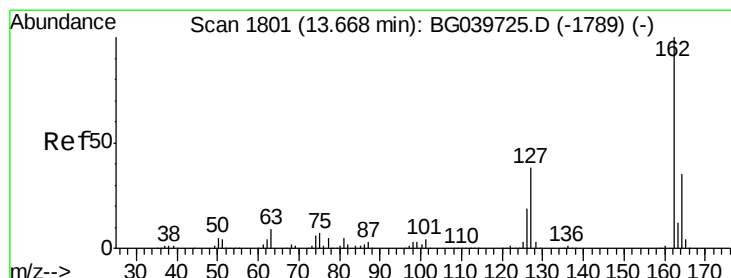
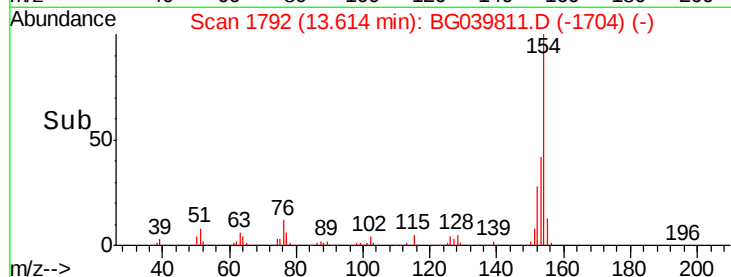
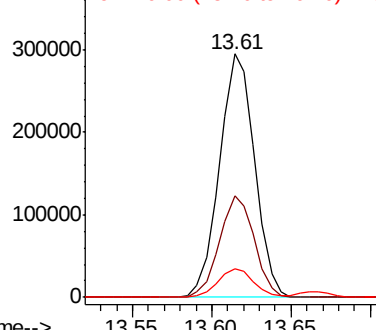


Abundance

Ion 154.00 (153.70 to 154.70): E

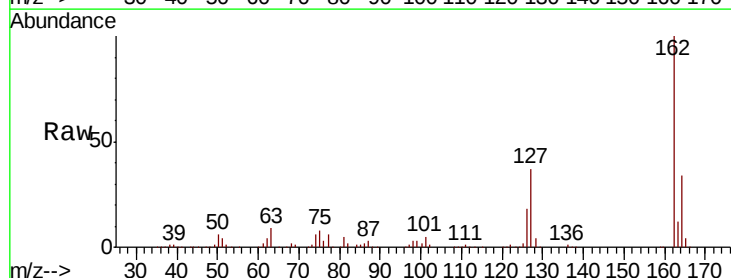
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#47
 2-Chloronaphthalene
 Concen: 39.560 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	33.7	25.7	38.5

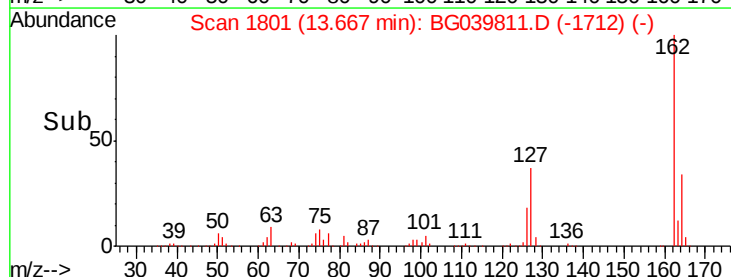
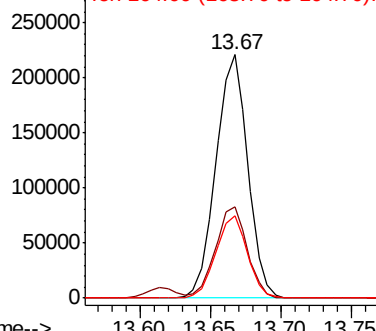


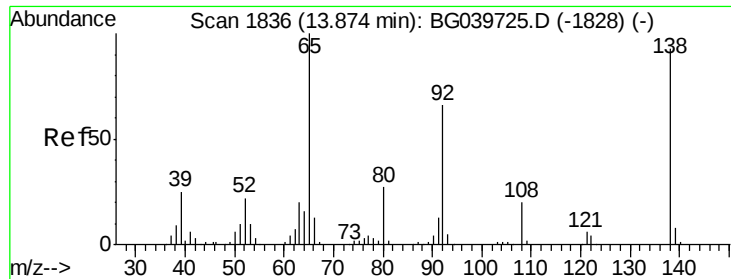
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

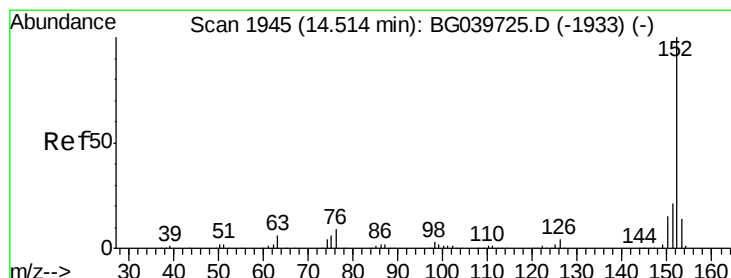
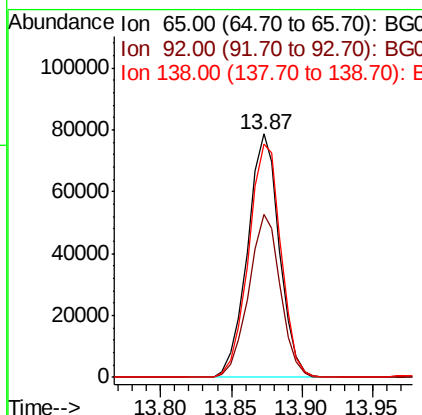
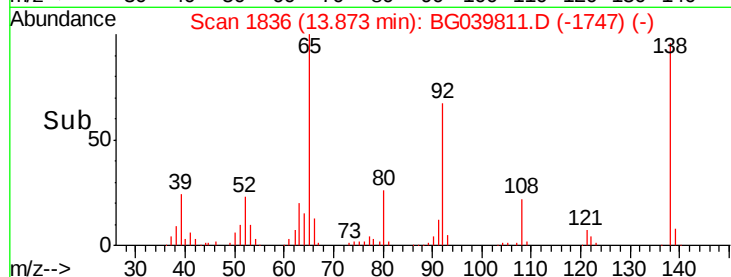
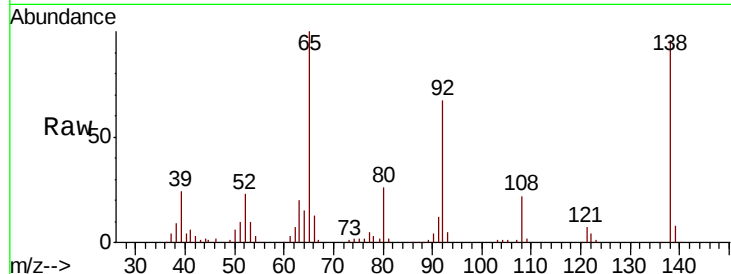




#48
 2-Nitroaniline
 Concen: 44.008 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

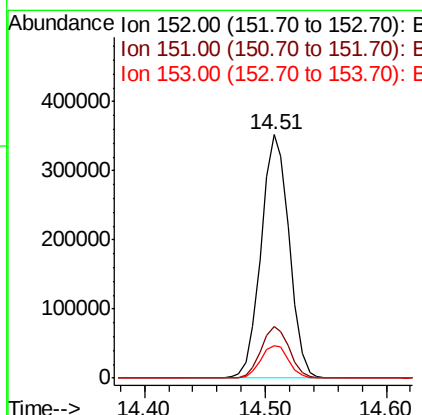
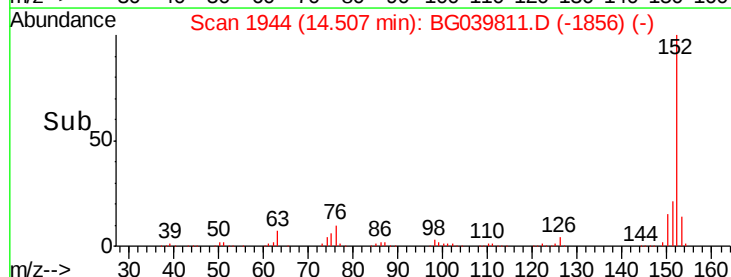
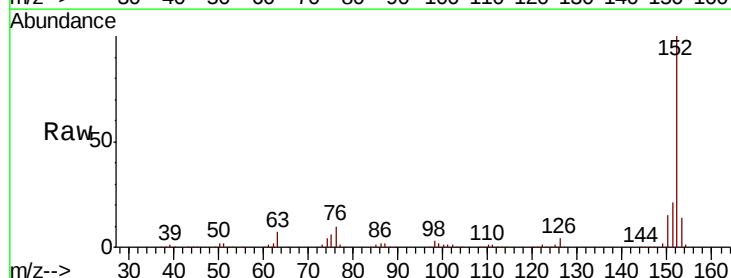
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

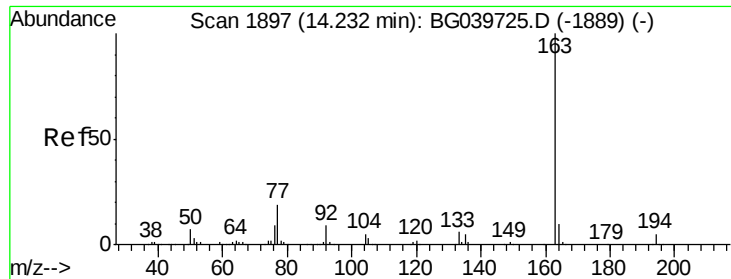
Tgt Ion:	65	Resp:	124709
Ion	Ratio	Lower	Upper
65	100		
92	66.9	51.4	77.2
138	95.6	71.4	107.2



#49
 Acenaphthylene
 Concen: 39.390 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:	152	Resp:	570193
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.5	11.7	17.5





#50

Dimethylphthalate

Concen: 41.007 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

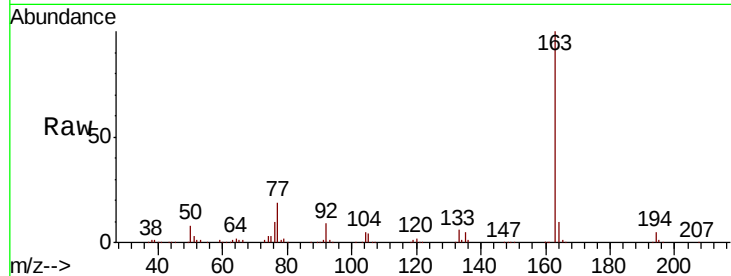
Tgt Ion:163 Resp: 488673

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

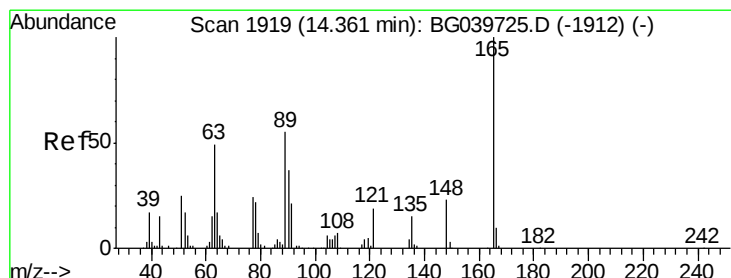
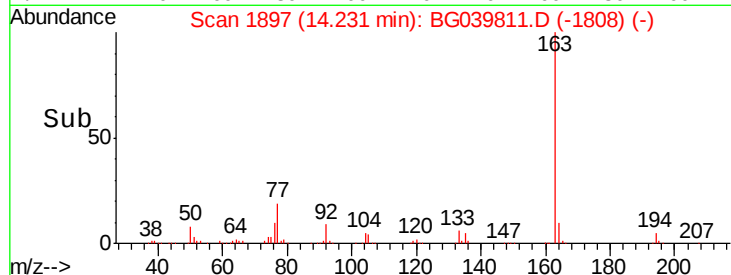
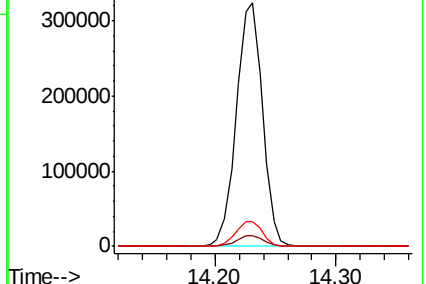
164 9.9 8.4 12.6



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: 43.374 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

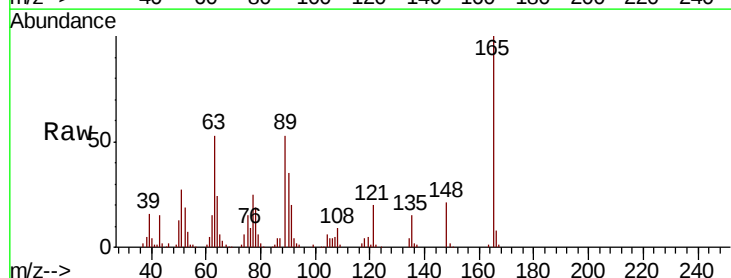
Tgt Ion:165 Resp: 109574

Ion Ratio Lower Upper

165 100

63 52.5 47.0 70.6

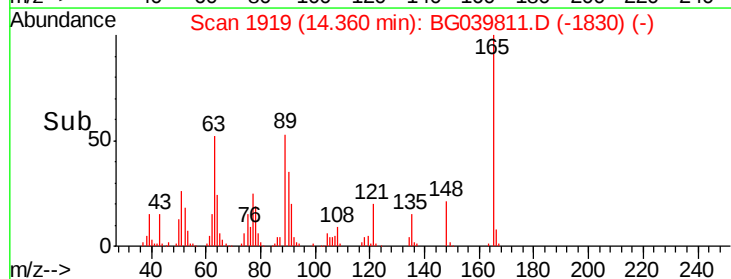
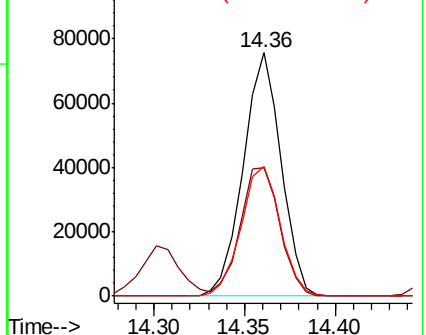
89 53.5 45.8 68.8

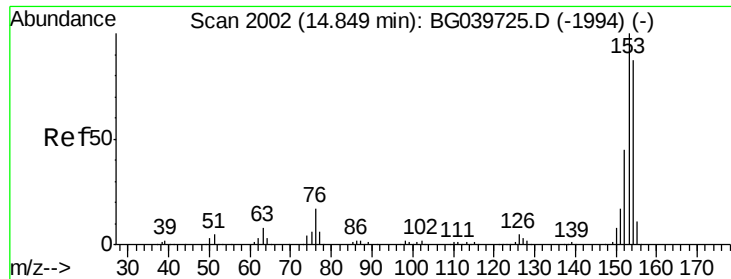


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 39.679 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

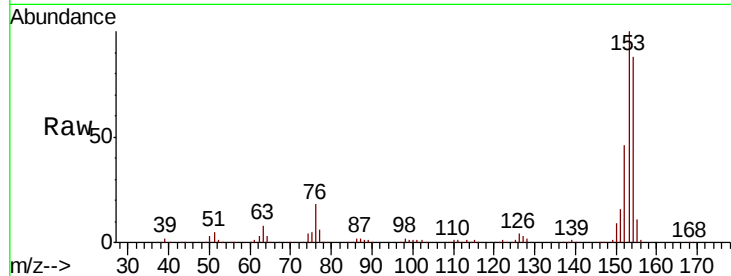
Tgt Ion:154 Resp: 345703

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

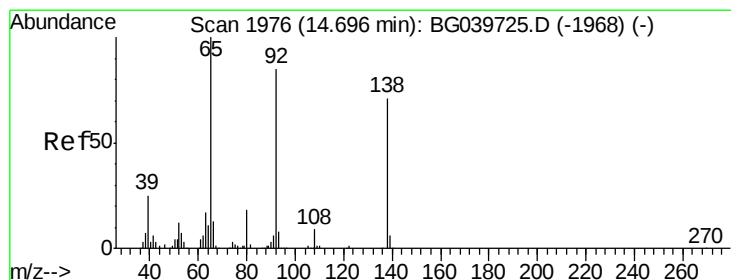
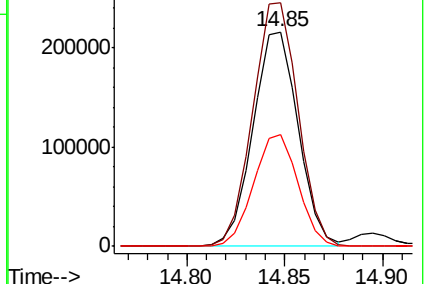
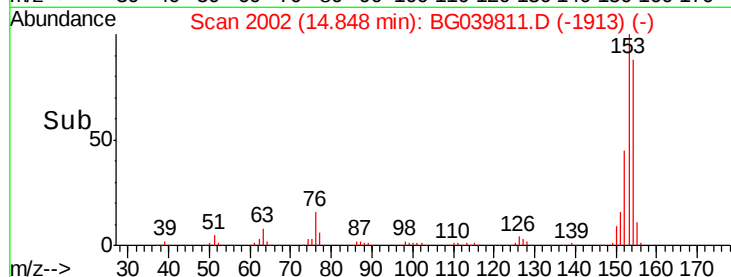
152 51.8 40.9 61.3



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: 3.491 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

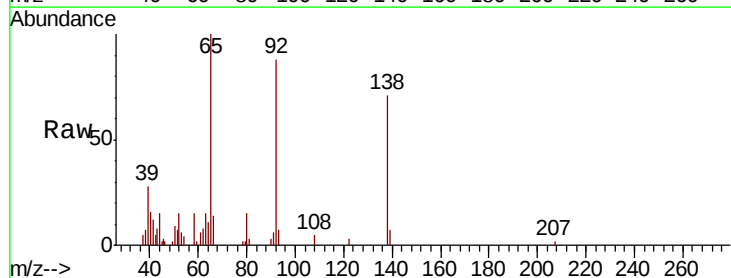
Tgt Ion:138 Resp: 8865

Ion Ratio Lower Upper

138 100

108 6.5 13.8 20.8#

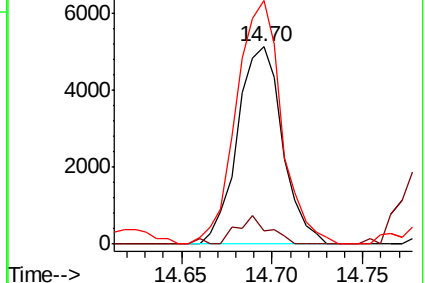
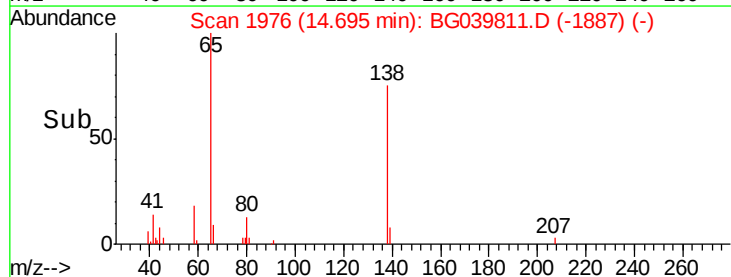
92 123.6 103.7 155.5

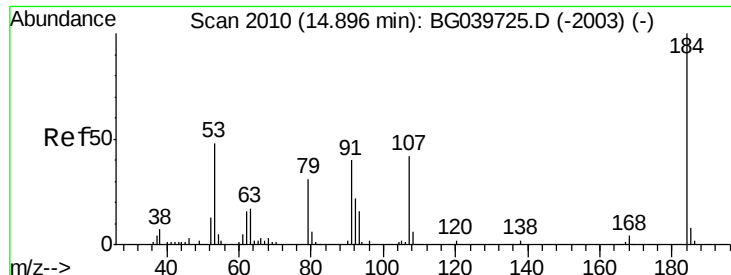


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

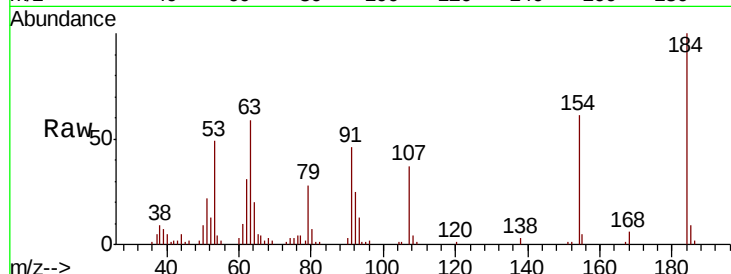




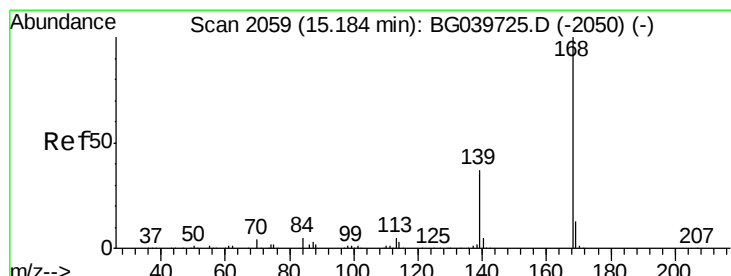
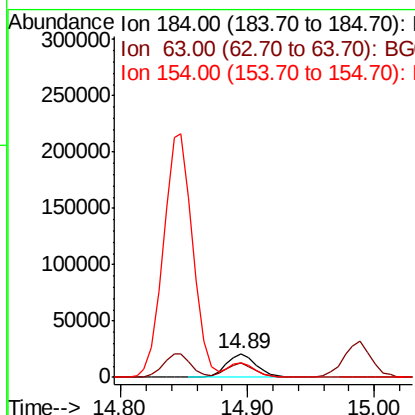
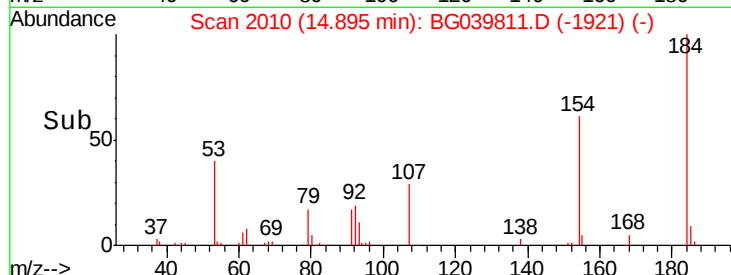
#54
 2,4-Dinitrophenol
 Concen: 25.546 ng
 RT: 14.89 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion:184 Resp: 34599
 Ion Ratio Lower Upper
 184 100
 63 59.1 50.9 76.3
 154 60.9 53.0 79.6

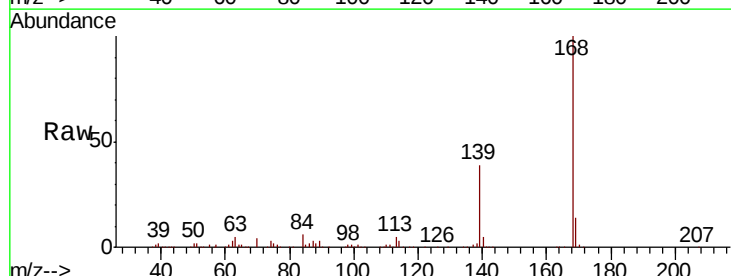


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

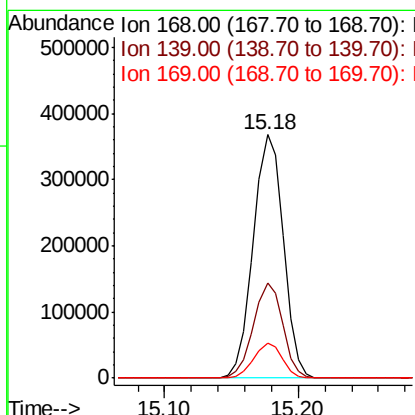
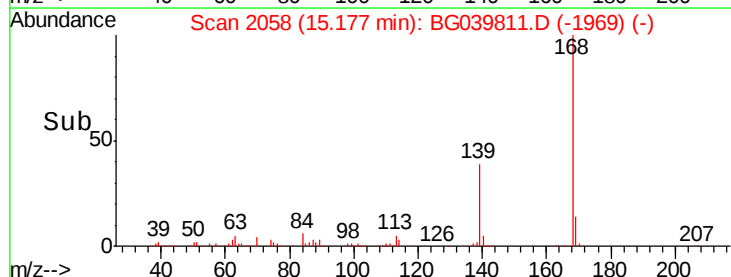


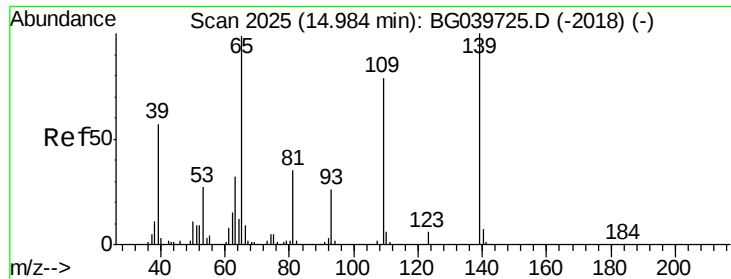
#55
 Dibenzofuran
 Concen: 39.900 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:168 Resp: 570356
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 14.3 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

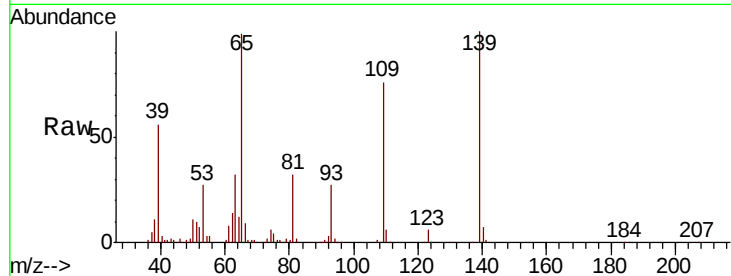




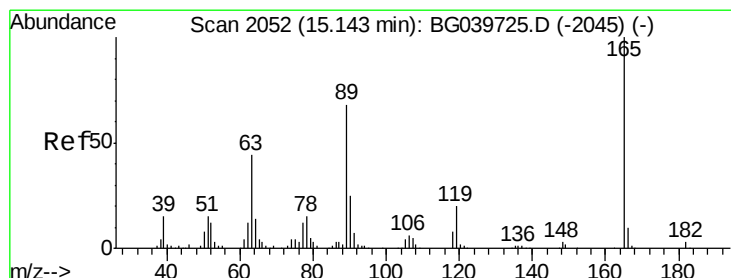
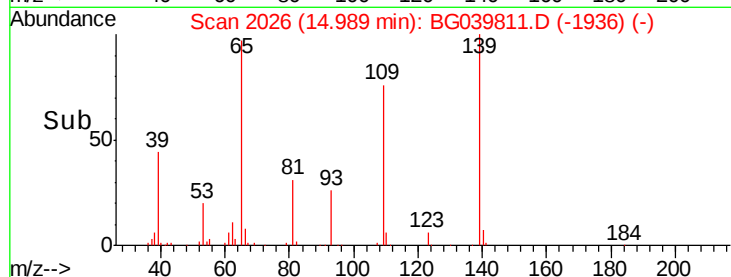
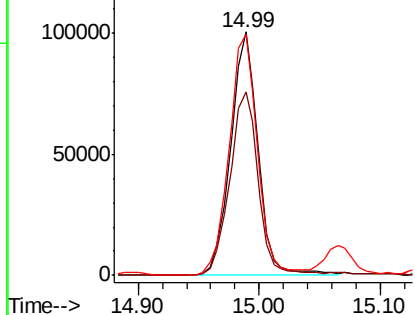
#56
4-Nitrophenol
Concen: 70.103 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:139 Resp: 159255
Ion Ratio Lower Upper
139 100
109 75.6 61.9 101.9
65 99.0 99.1 139.1#



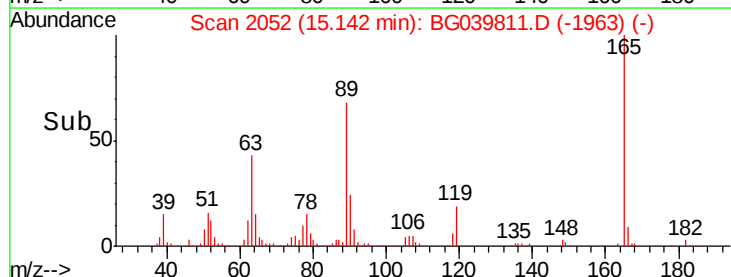
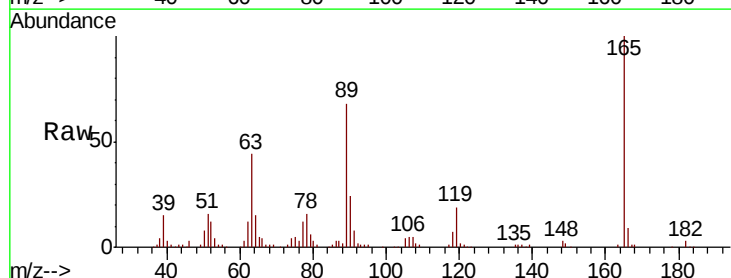
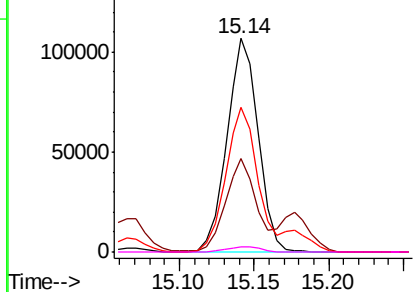
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

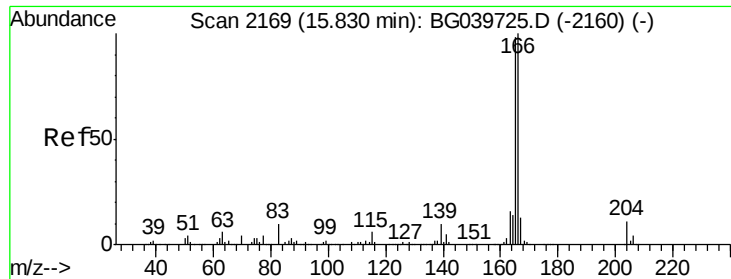


#57
2,4-Dinitrotoluene
Concen: 43.985 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:165 Resp: 156135
Ion Ratio Lower Upper
165 100
63 43.6 41.0 61.6
89 67.9 64.6 96.8
182 2.6 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 40.505 ng

RT: 15.82 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

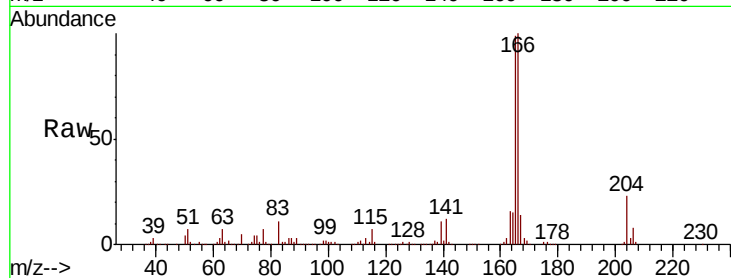
Tgt Ion:166 Resp: 455166

Ion Ratio Lower Upper

166 100

165 98.7 77.9 116.9

167 13.6 10.8 16.2

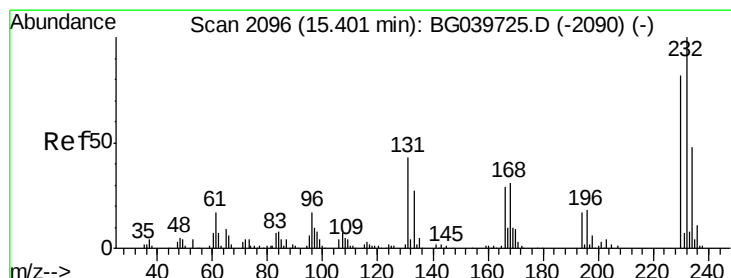
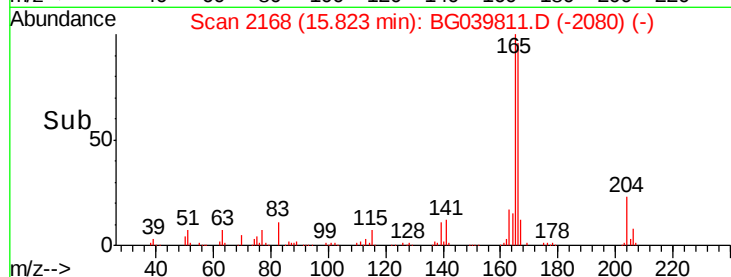
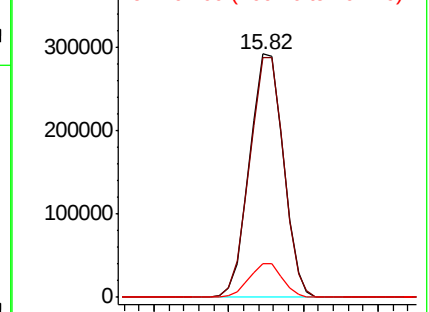


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.645 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:232 Resp: 142026

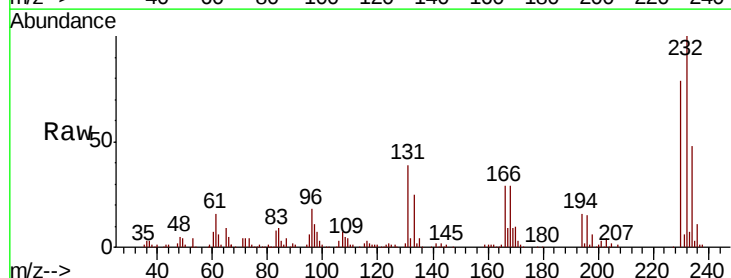
Ion Ratio Lower Upper

232 100

131 40.3 34.9 52.3

130 2.4 2.0 3.0

166 30.4 24.1 36.1



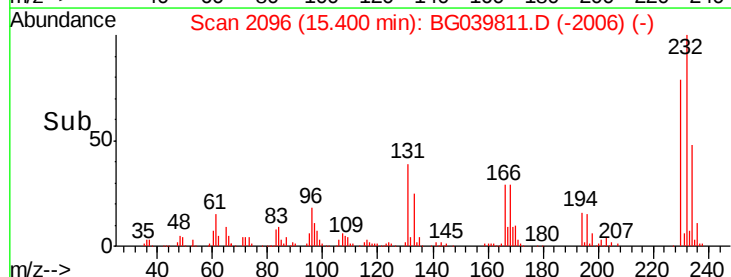
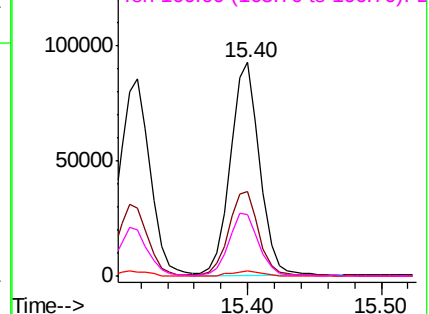
Abundance

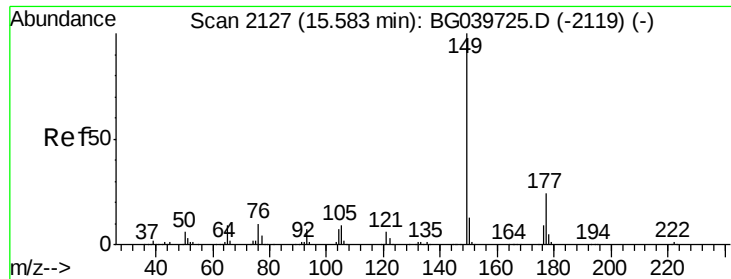
Ion 232.00 (231.70 to 232.70): E

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

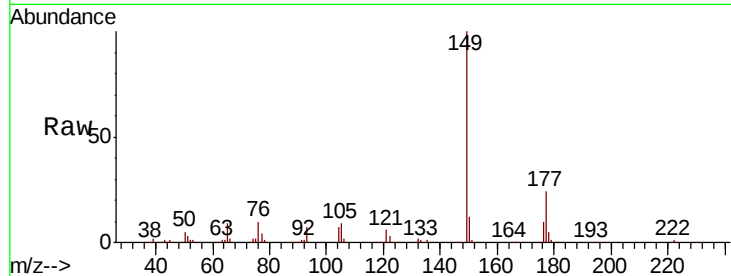




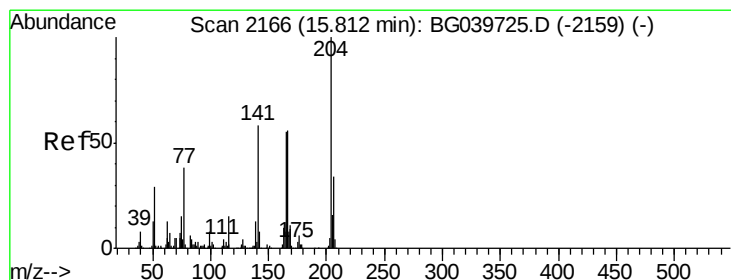
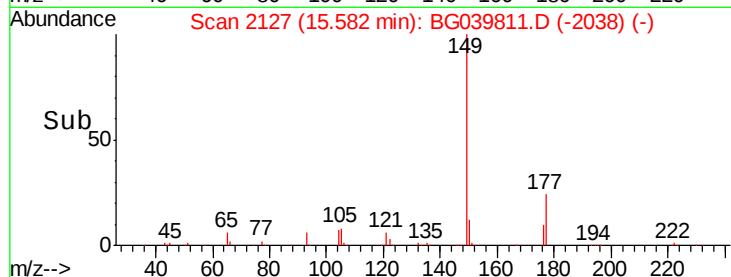
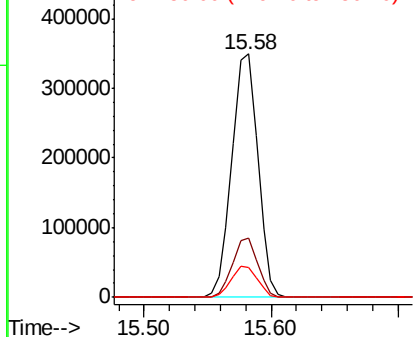
#60
Diethylphthalate
Concen: 42.062 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:149 Resp: 496188
Ion Ratio Lower Upper
149 100
177 24.3 18.3 27.5
150 12.3 10.2 15.2

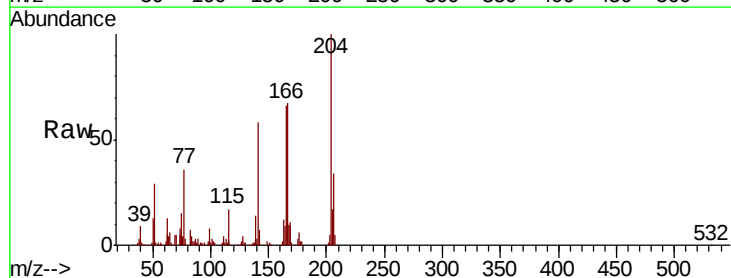


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

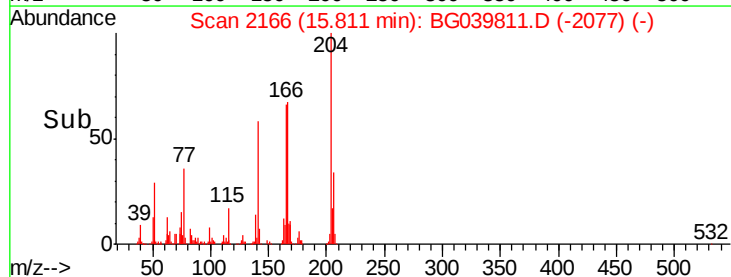
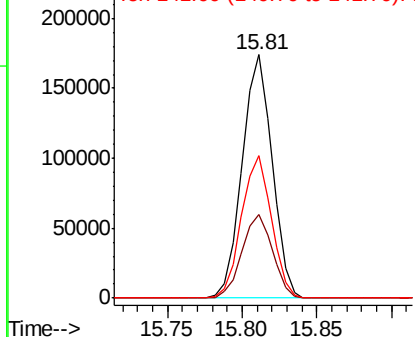


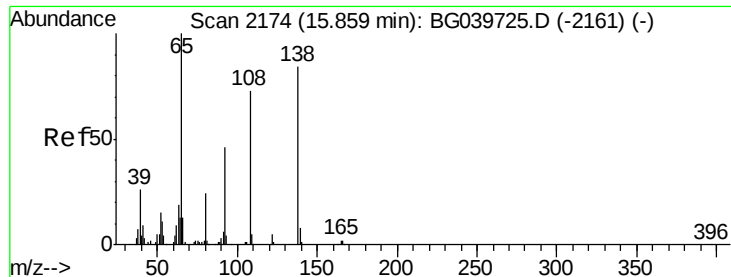
#61
4-Chlorophenyl-phenylether
Concen: 40.364 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:204 Resp: 242043
Ion Ratio Lower Upper
204 100
206 34.4 29.2 43.8
141 58.3 49.0 73.4



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





#62

4-Nitroaniline

Concen: 36.842 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

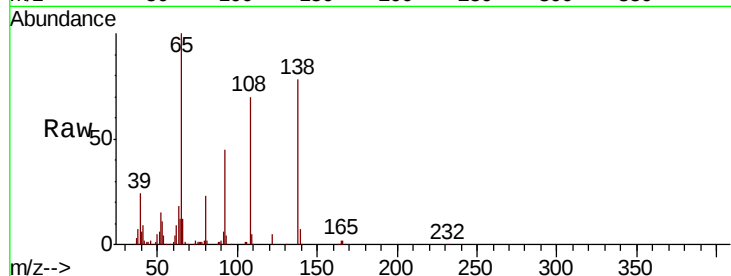
Tgt Ion:138 Resp: 101427

Ion Ratio Lower Upper

138 100

92 57.2 38.7 78.7

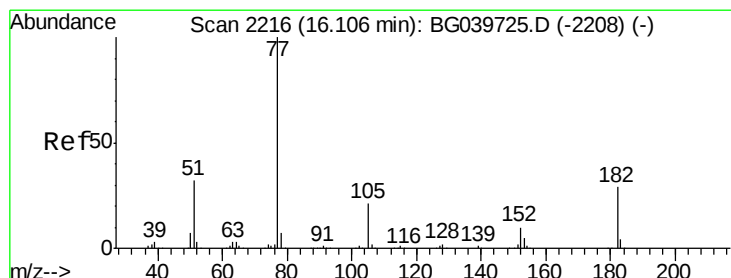
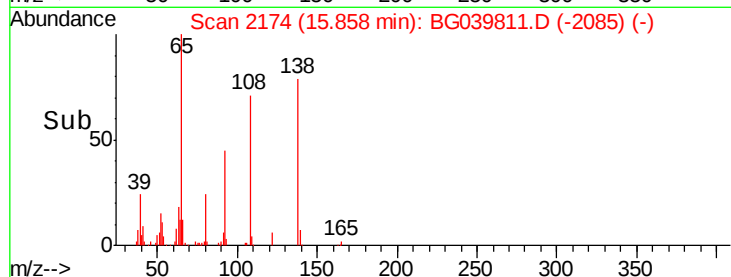
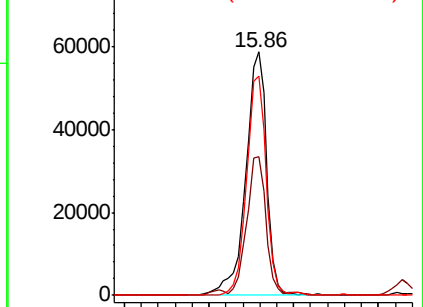
108 89.9 74.6 114.6



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: 41.182 ng

RT: 16.10 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion: 77 Resp: 440378

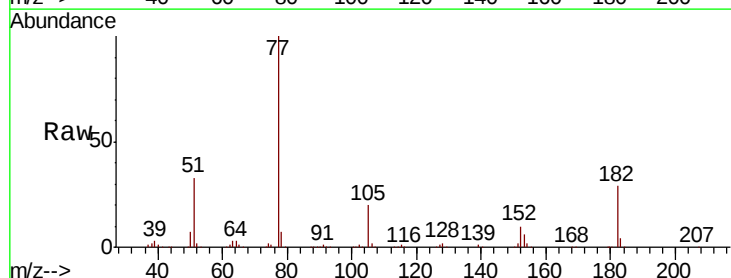
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.2 0.0 39.8

51 32.6 14.1 54.1

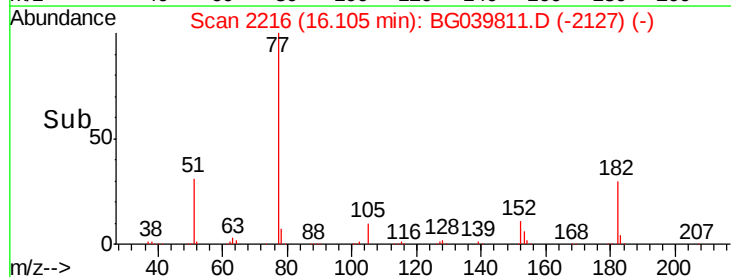
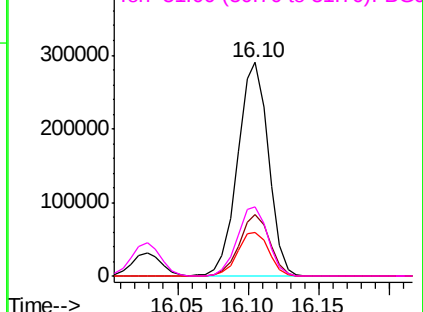


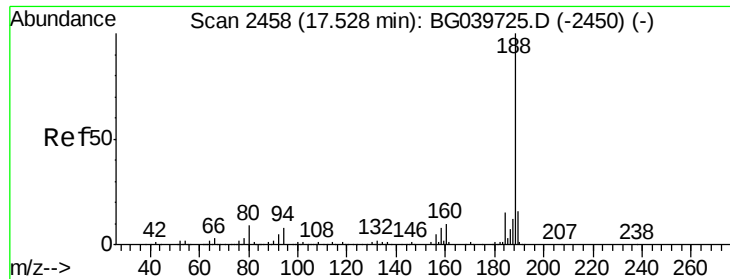
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

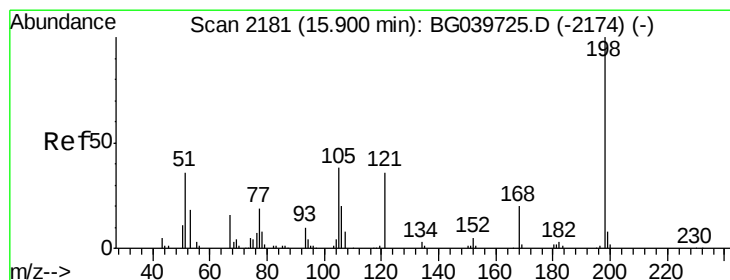
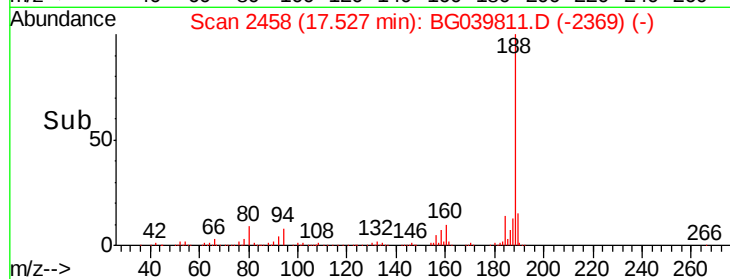
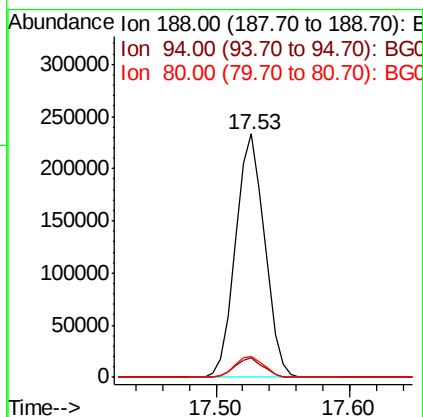
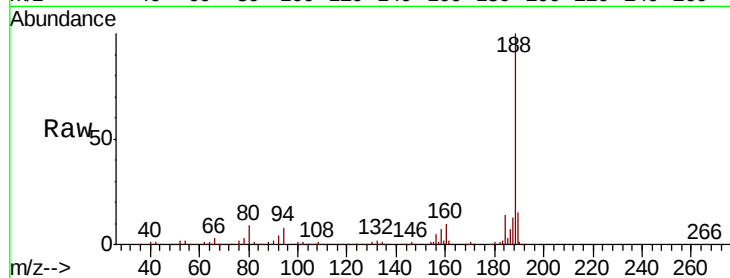




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

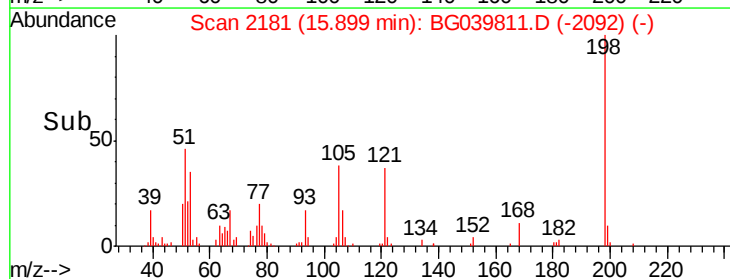
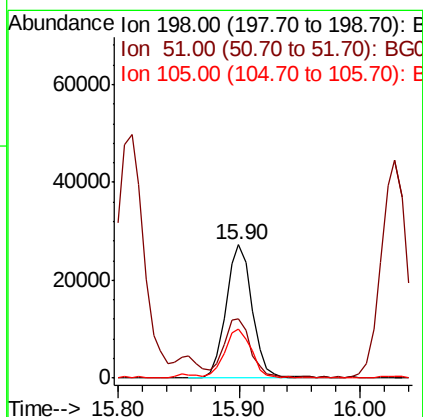
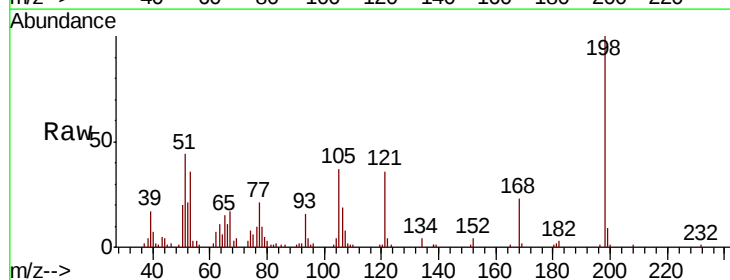
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

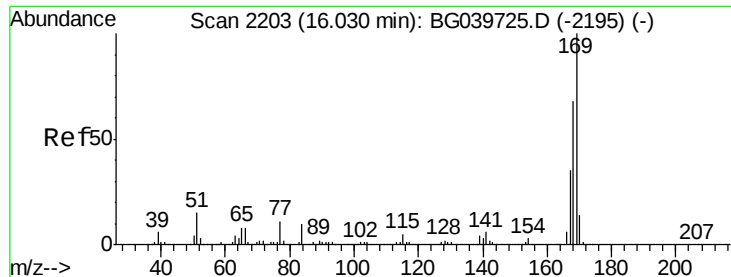
Tgt Ion:188 Resp: 352060
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 8.7 8.1 12.1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.689 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:198 Resp: 40984
 Ion Ratio Lower Upper
 198 100
 51 44.5 27.4 67.4
 105 36.7 19.7 59.7

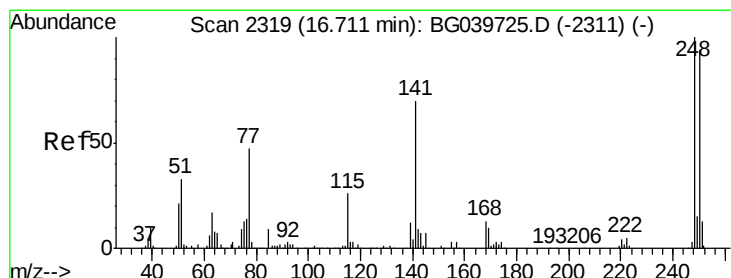
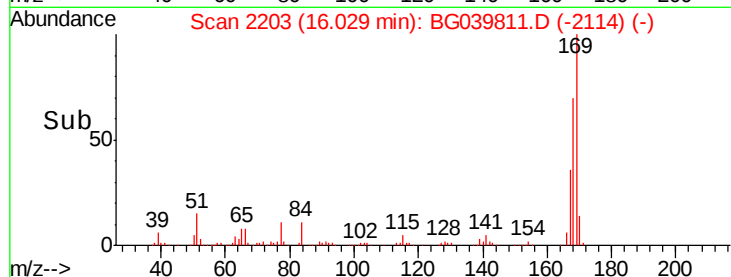
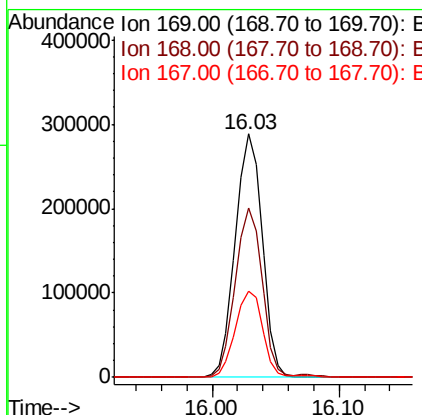
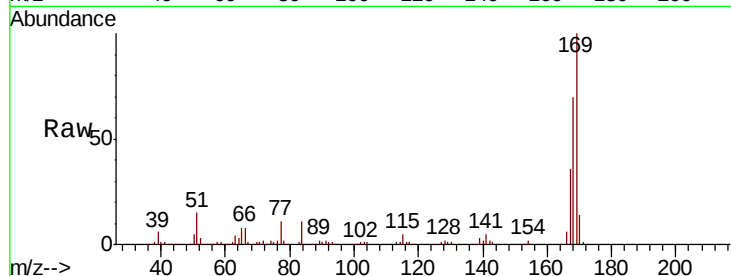




#66
 n-Nitrosodiphenylamine
 Concen: 41.739 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

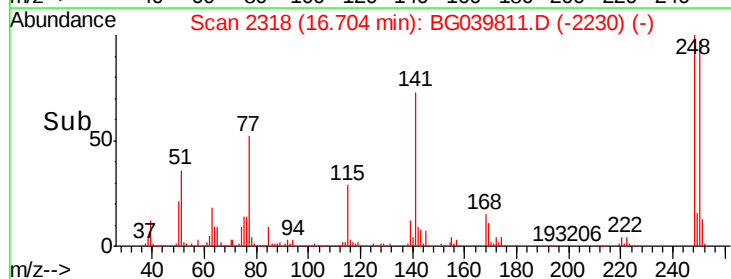
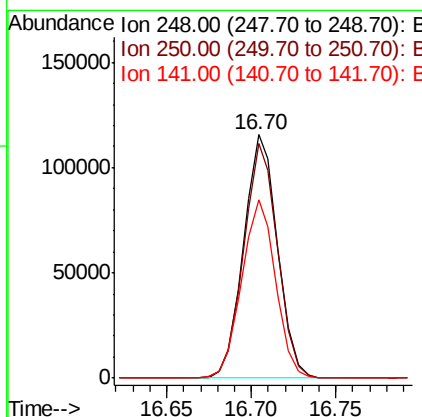
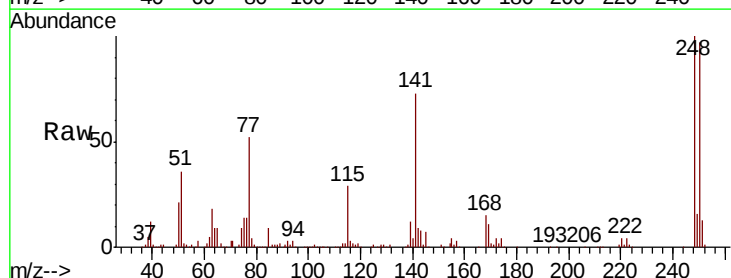
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

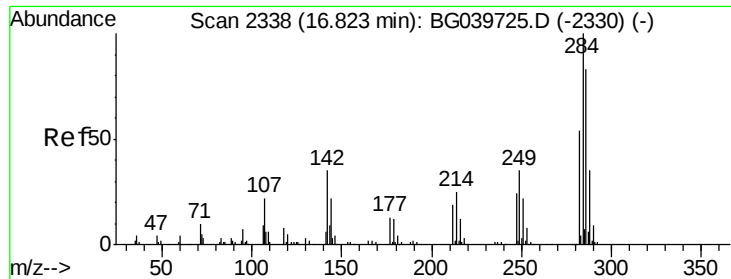
Tgt Ion:169 Resp: 425412
 Ion Ratio Lower Upper
 169 100
 168 69.7 56.6 85.0
 167 35.6 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 40.774 ng
 RT: 16.70 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:248 Resp: 160678
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.6 116.4
 141 73.1 63.9 95.9

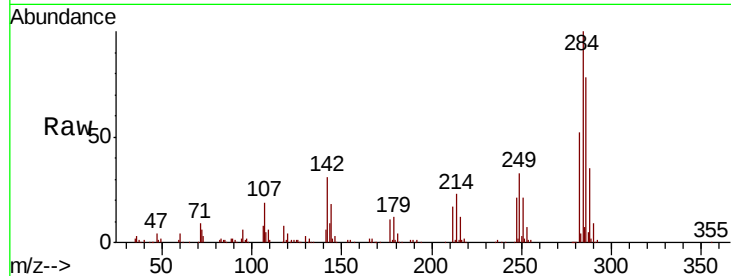




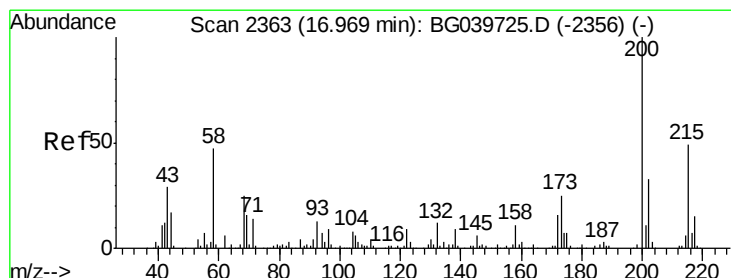
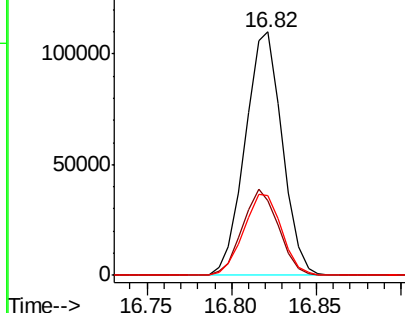
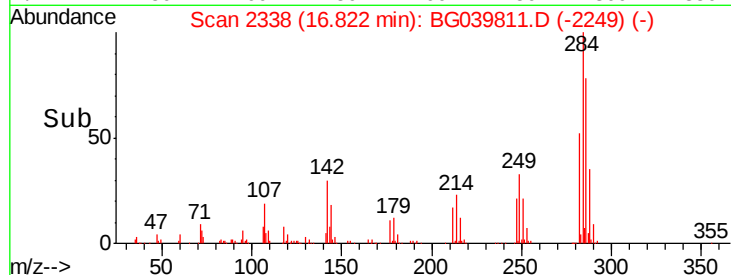
#68
Hexachlorobenzene
Concen: 41.052 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

Tgt Ion:284 Resp: 167689
Ion Ratio Lower Upper
284 100
142 30.7 30.6 45.8
249 32.8 28.2 42.2

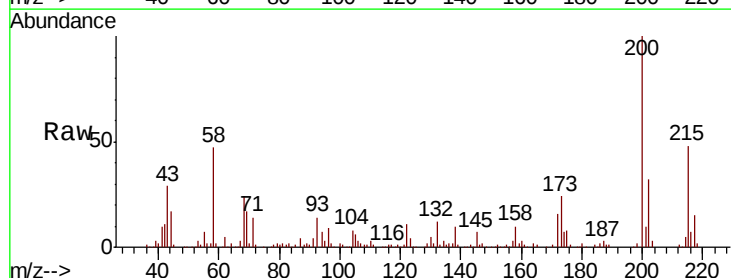


Abundance Ion 283.80 (283.50 to 284.50): E
150000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

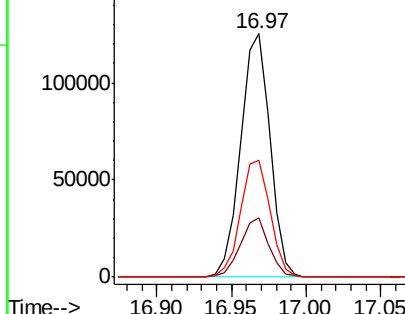
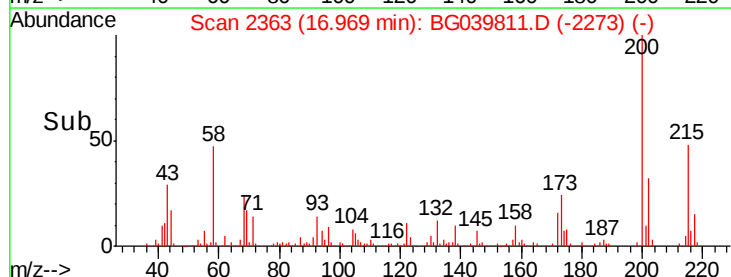


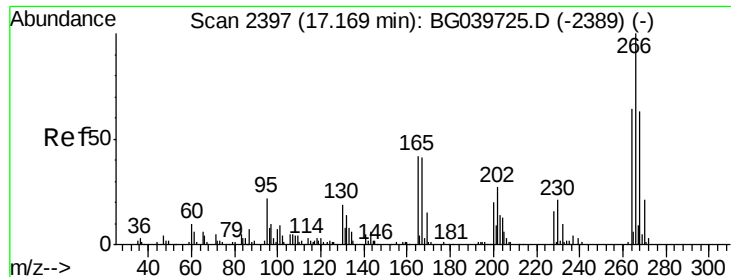
#69
Atrazine
Concen: 42.607 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:200 Resp: 170907
Ion Ratio Lower Upper
200 100
173 24.2 3.9 43.9
215 47.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E
150000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 49.110 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

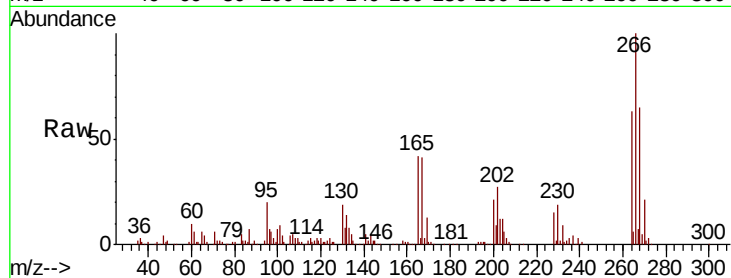
Tgt Ion:266 Resp: 126694

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

264 63.5 52.1 78.1

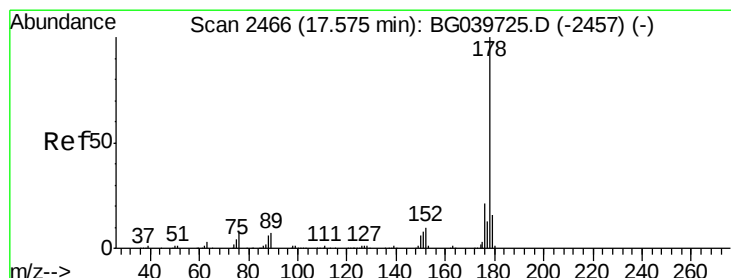
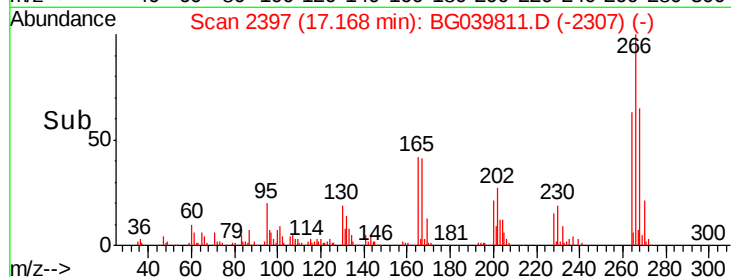
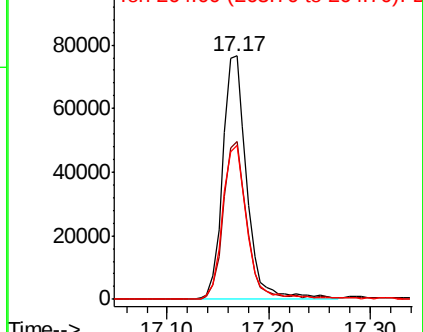


Abundance

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: 40.121 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

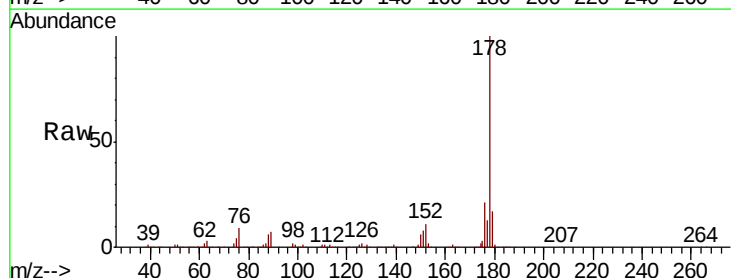
Tgt Ion:178 Resp: 778024

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

179 16.5 12.6 19.0

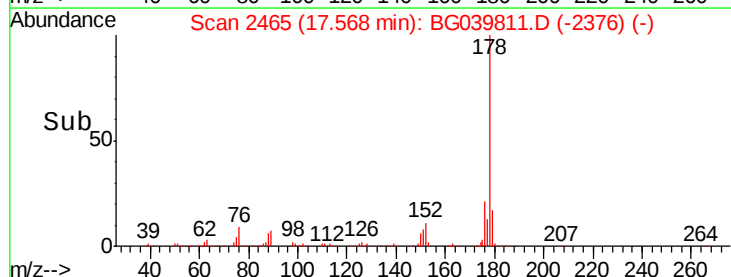
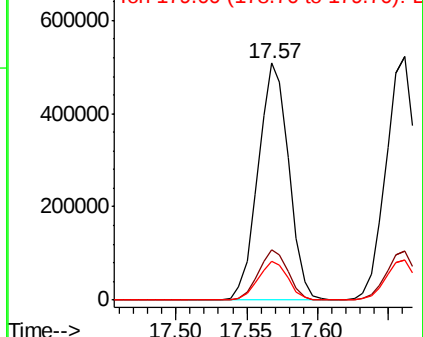


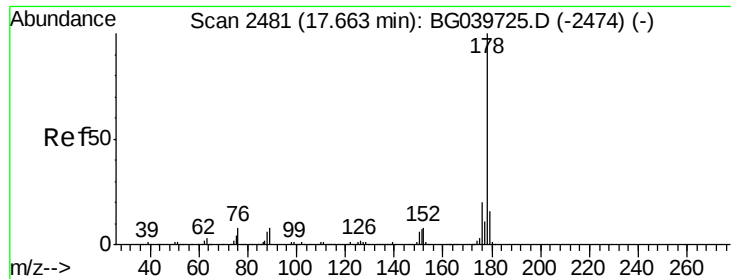
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 41.576 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

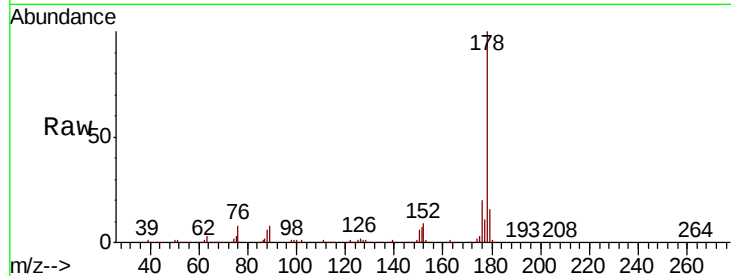
Tgt Ion:178 Resp: 785673

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

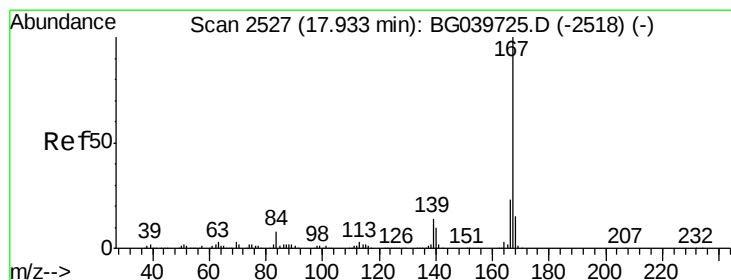
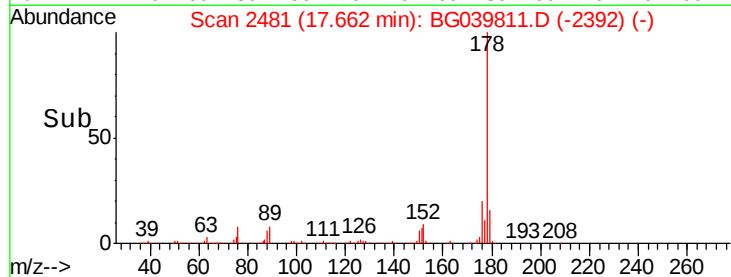
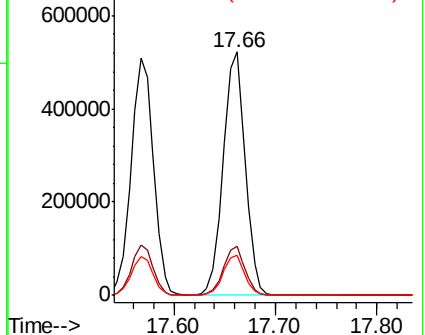
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 40.883 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

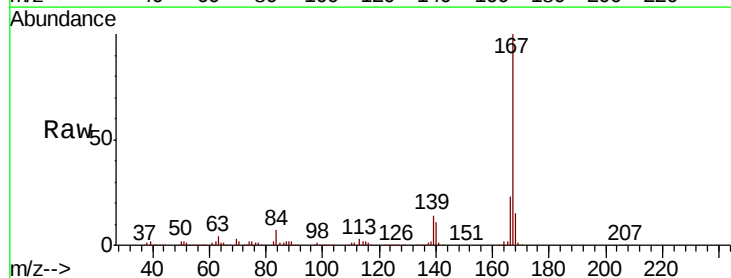
Tgt Ion:167 Resp: 696478

Ion Ratio Lower Upper

167 100

166 22.9 19.4 29.2

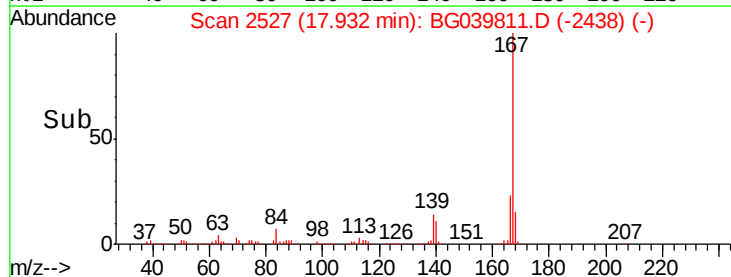
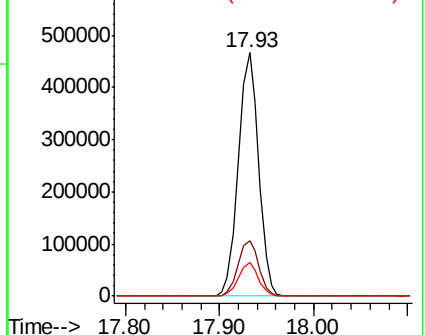
139 13.7 10.8 16.2

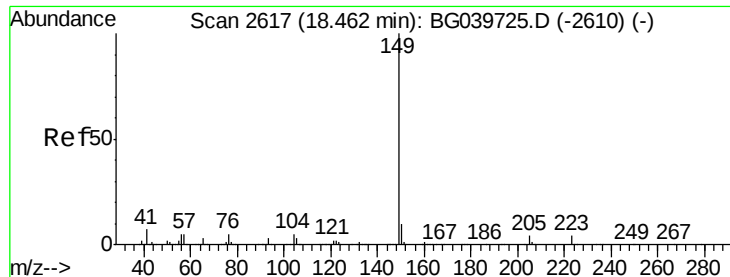


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 42.371 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

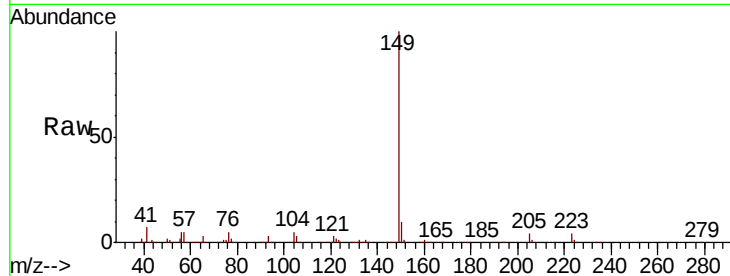
Tgt Ion:149 Resp: 849284

Ion Ratio Lower Upper

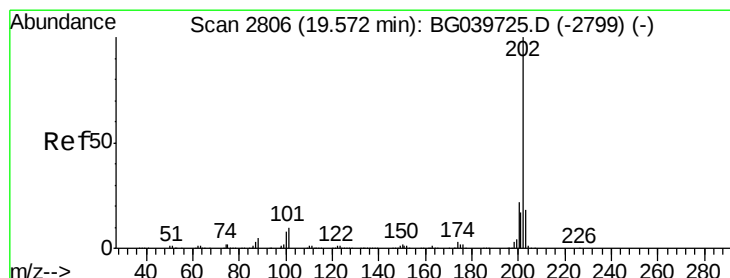
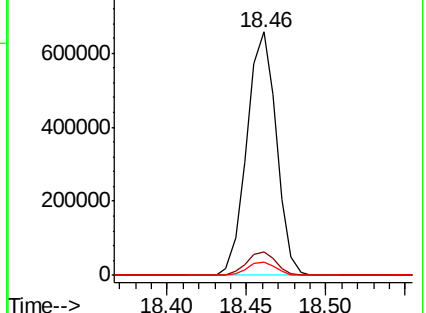
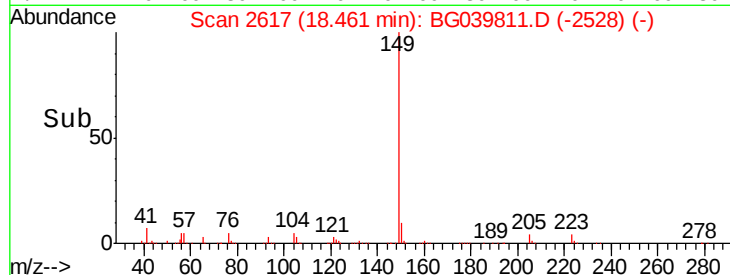
149 100

150 9.9 7.7 11.5

104 5.4 4.5 6.7



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



#75

Fluoranthene

Concen: 40.267 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

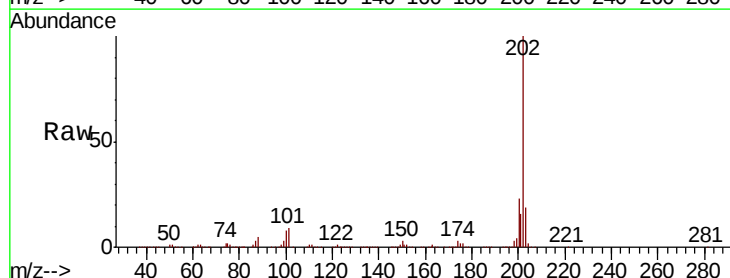
Tgt Ion:202 Resp: 922832

Ion Ratio Lower Upper

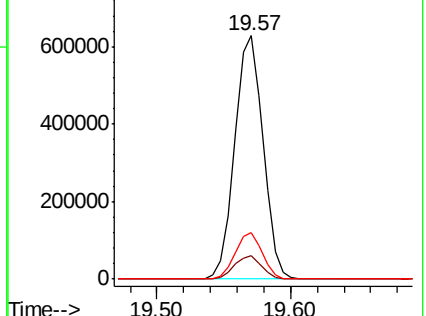
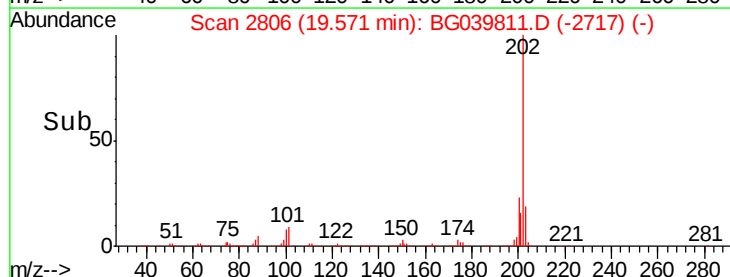
202 100

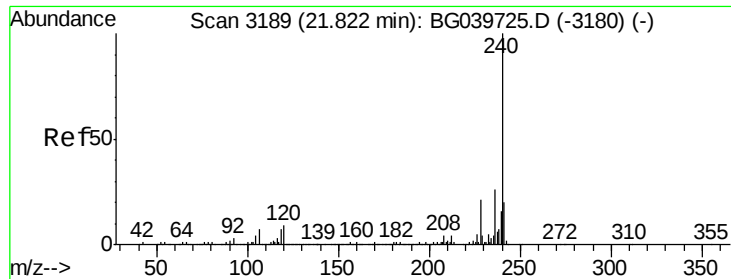
101 9.5 0.0 30.0

203 19.2 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

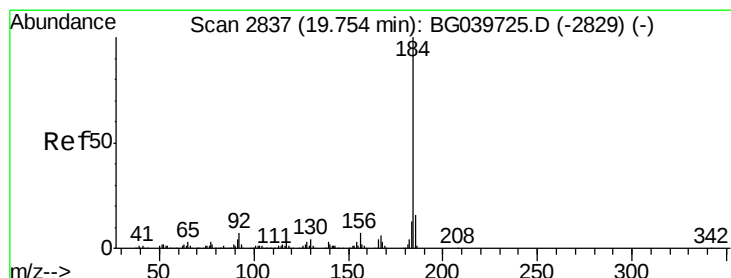
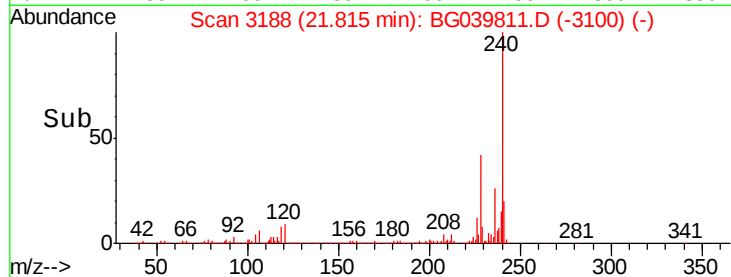
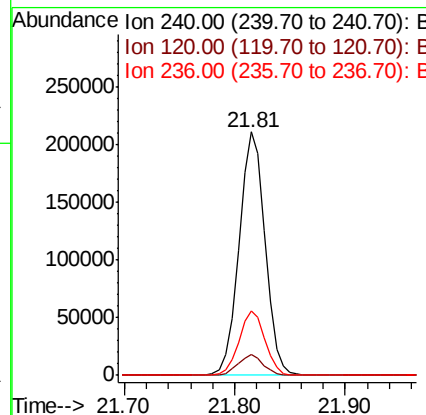
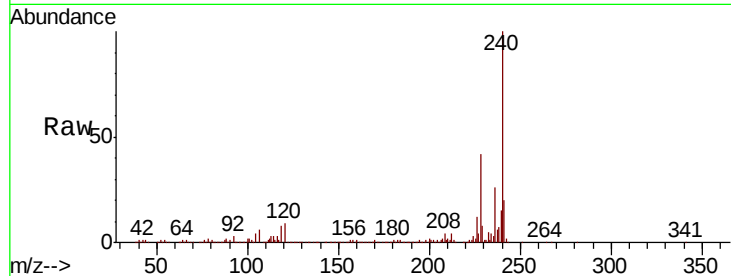




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

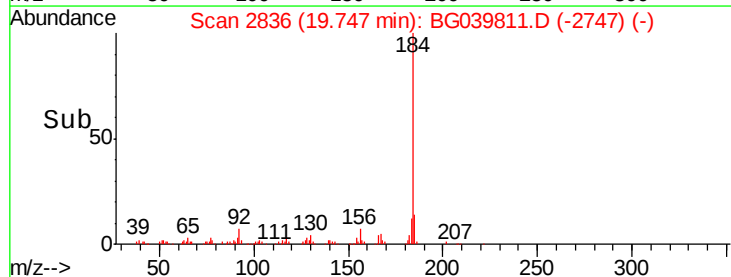
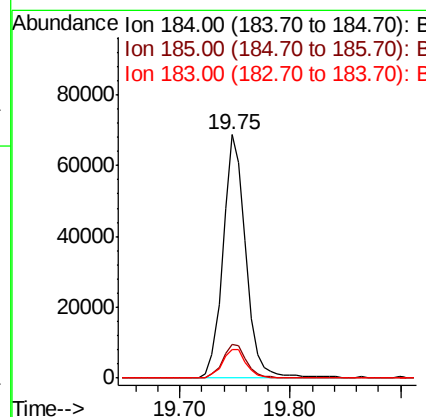
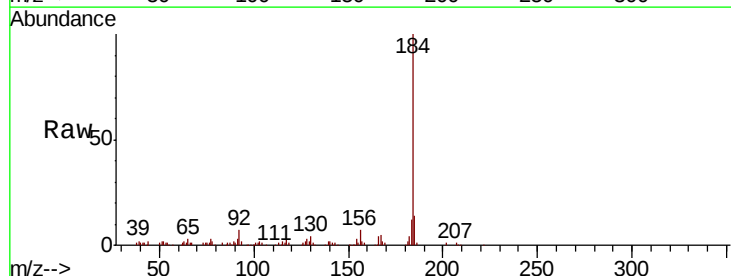
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

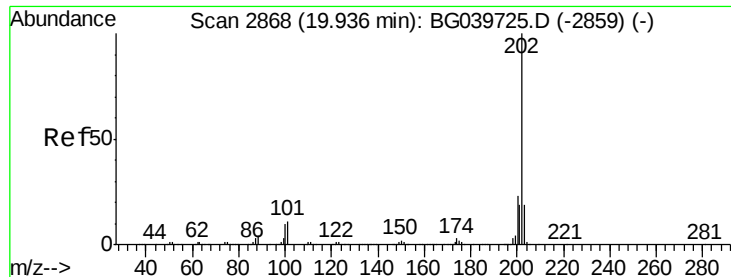
Tgt Ion: 240 Resp: 347572
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.0 10.6
 236 26.5 21.0 31.4



#77
 Benzidine
 Concen: 8.934 ng
 RT: 19.75 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion: 184 Resp: 98538
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.2 18.2
 183 11.7 10.6 15.8

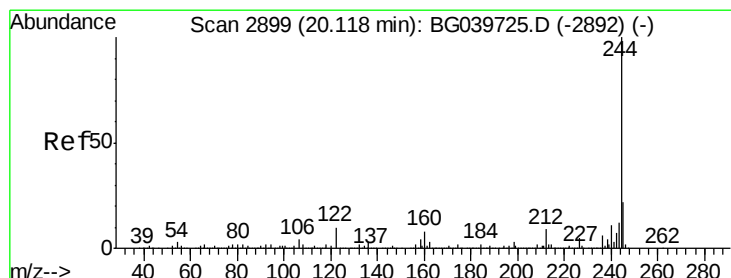
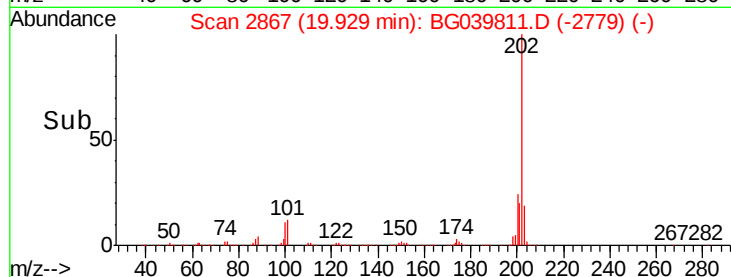
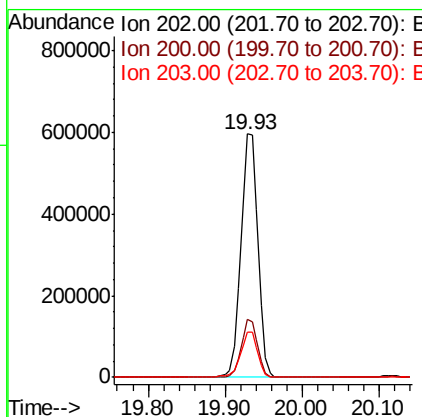
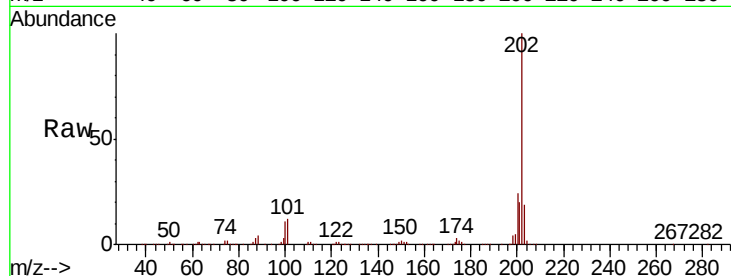




#78
 Pyrene
 Concen: 40.719 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

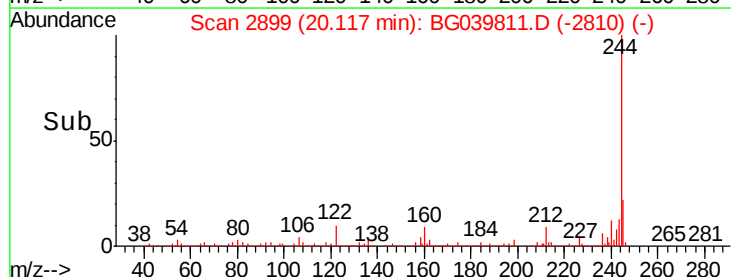
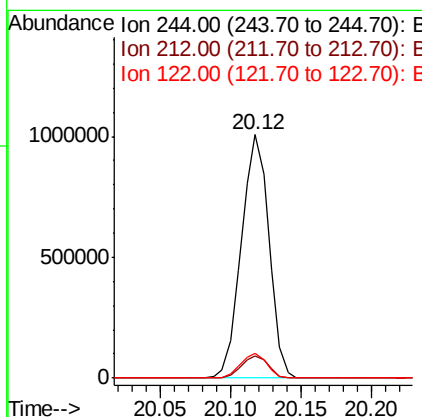
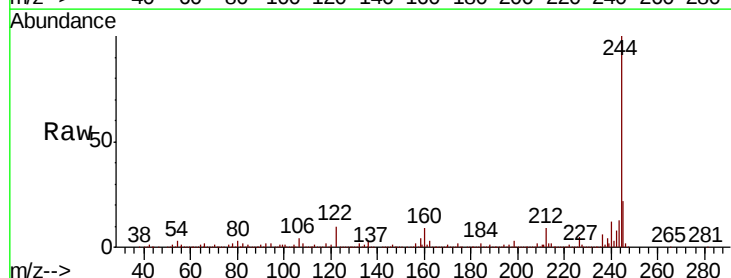
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

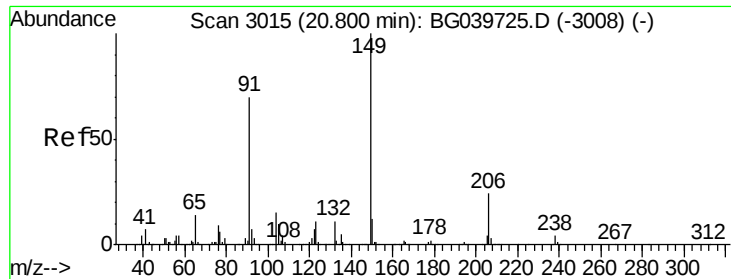
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.8	26.8
203	18.7	15.3	22.9



#79
 Terphenyl-d14
 Concen: 87.169 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.1	8.4	12.6

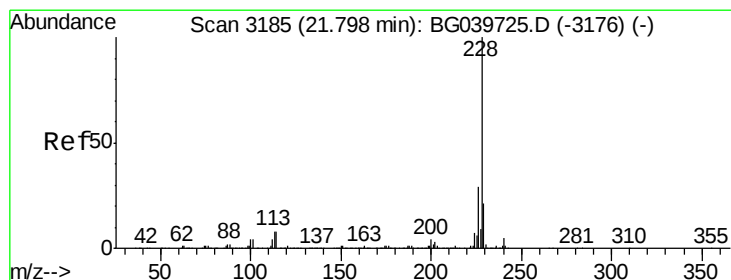
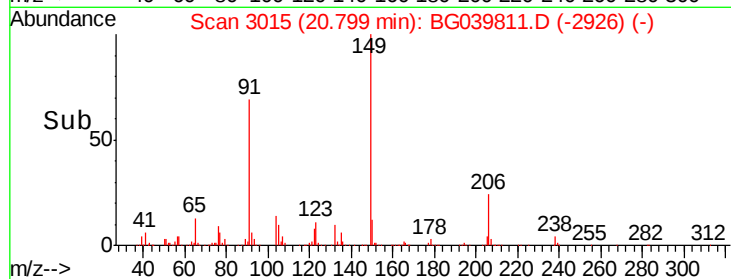
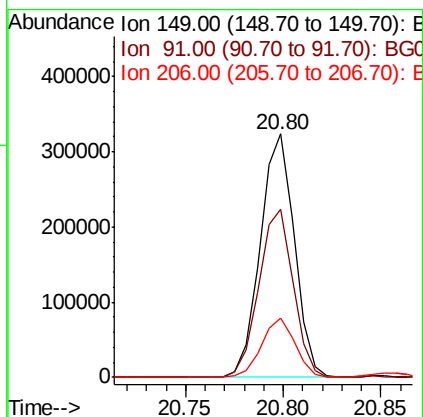
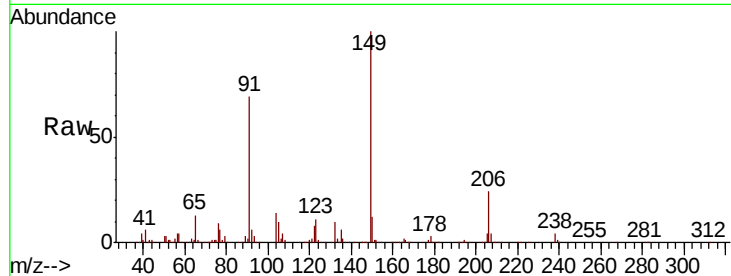




#80
Butylbenzylphthalate
Concen: 44.648 ng
RT: 20.80 min Scan# 3015
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

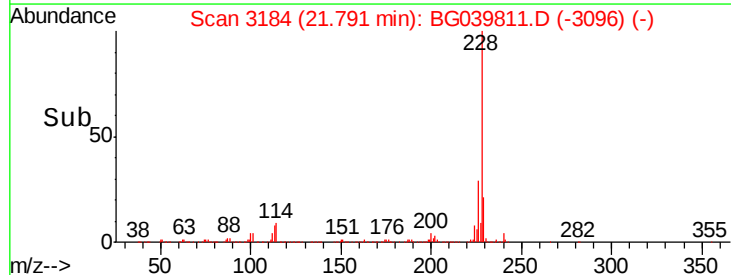
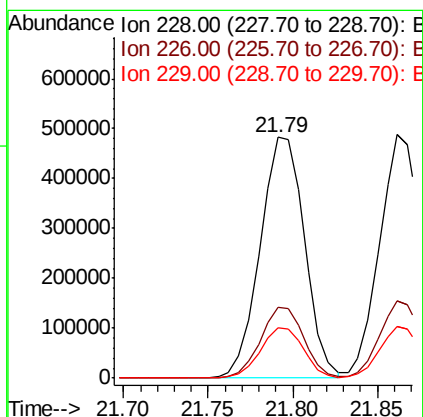
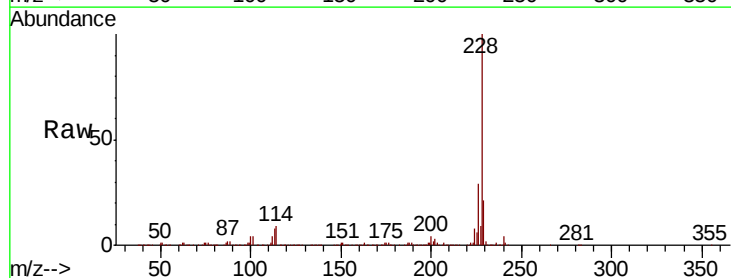
Instrument :
BNA_F
ClientSampleId :
TP-6CD-SMSD

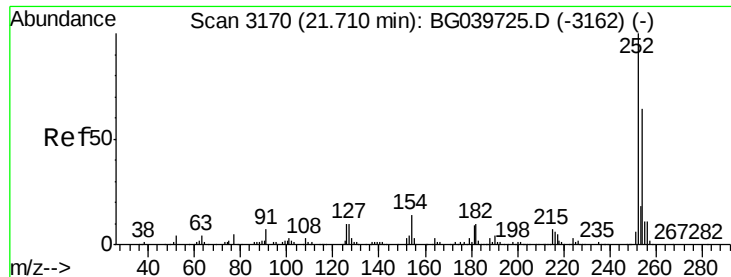
Tgt Ion:149 Resp: 390675
Ion Ratio Lower Upper
149 100
91 69.2 59.5 89.3
206 24.3 18.6 27.8



#81
Benzo(a)anthracene
Concen: 40.132 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:228 Resp: 874213
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.6
229 21.2 16.9 25.3

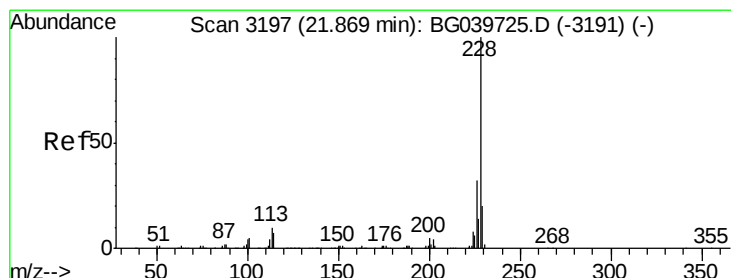
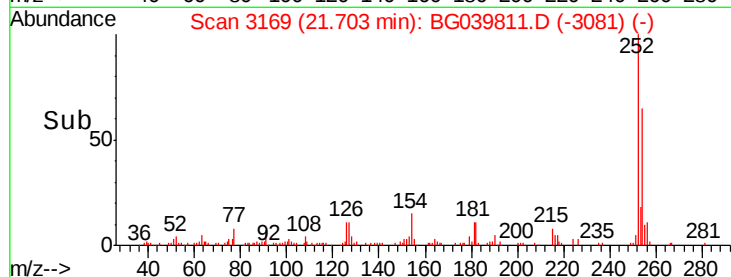
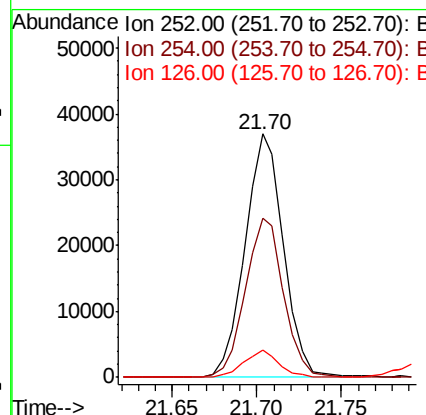
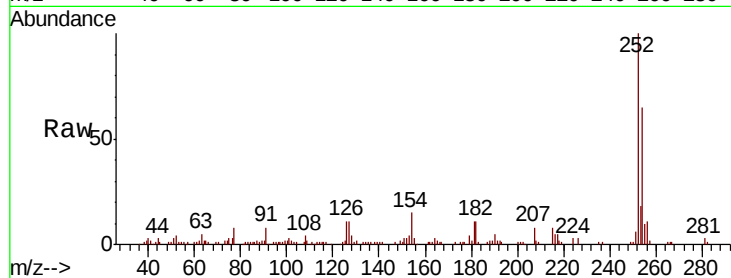




#82
 3,3'-Dichlorobenzidine
 Concen: 7.329 ng
 RT: 21.70 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

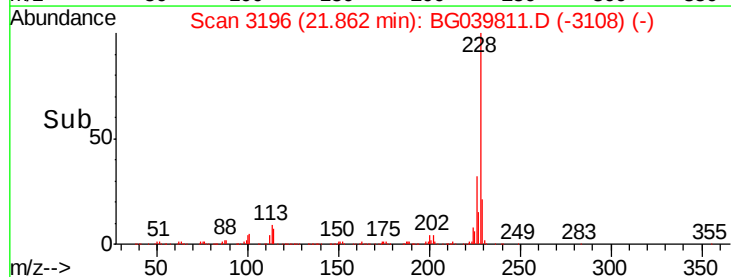
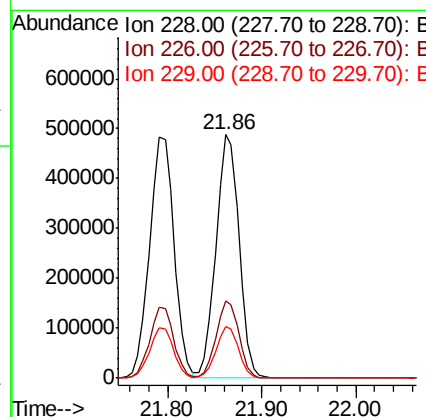
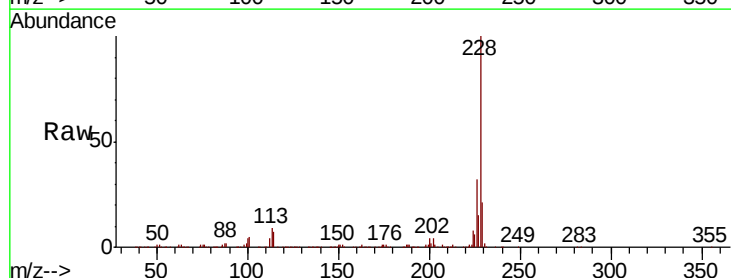
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

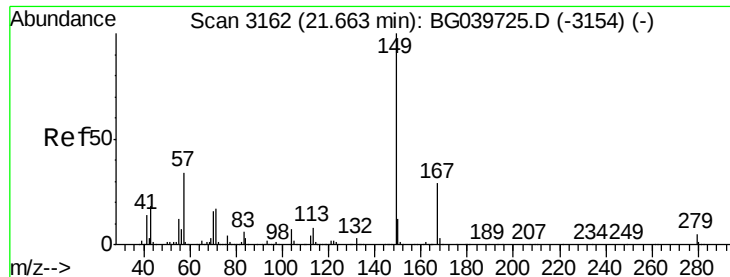
Tgt Ion:252 Resp: 58291
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.3 76.9
 126 11.5 8.0 12.0



#83
 Chrysene
 Concen: 39.842 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion:228 Resp: 841406
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.8 38.6
 229 21.1 16.6 25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.875 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

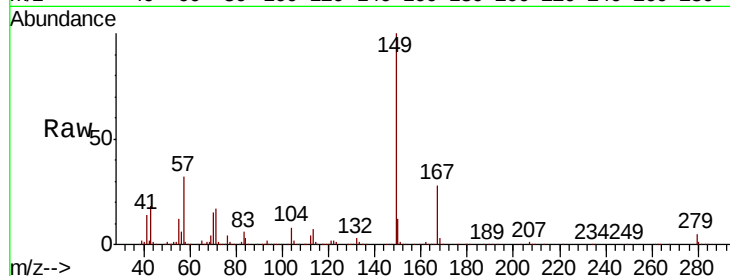
Tgt Ion:149 Resp: 539488

Ion Ratio Lower Upper

149 100

167 27.5 22.6 34.0

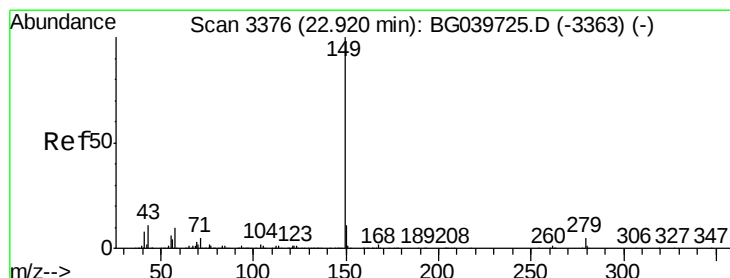
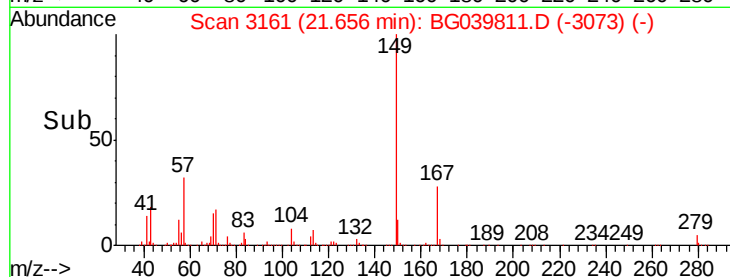
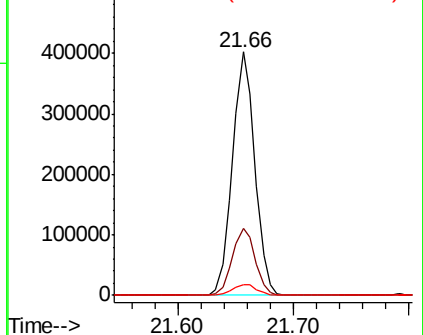
279 4.6 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.184 ng

RT: 22.91 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

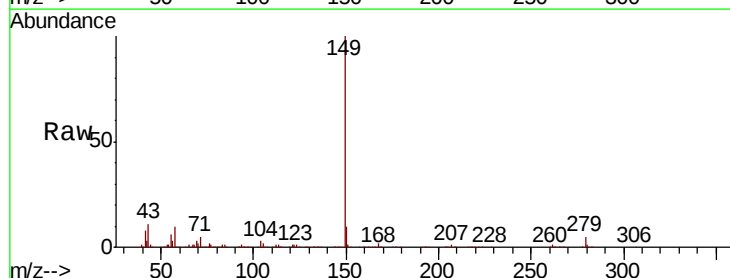
Tgt Ion:149 Resp: 919928

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

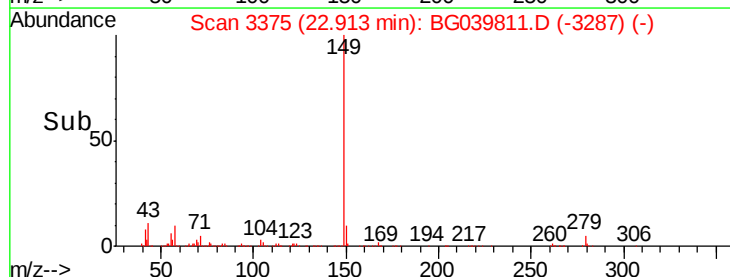
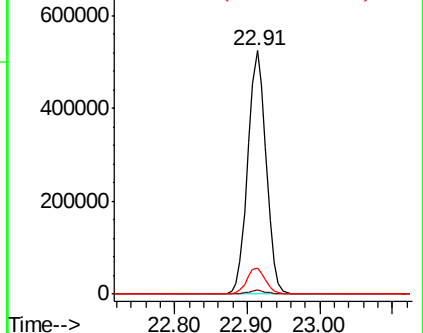
43 10.9 10.2 15.4

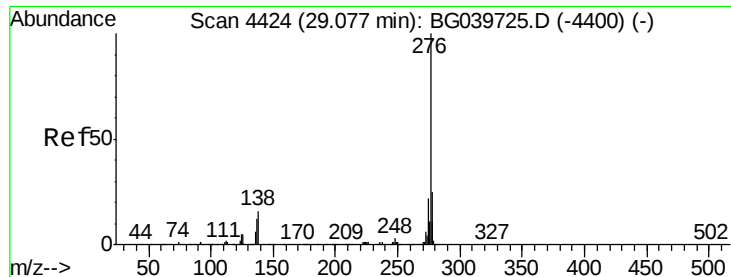


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 42.176 ng

RT: 29.06 min Scan# 4422

Delta R.T. -0.03 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

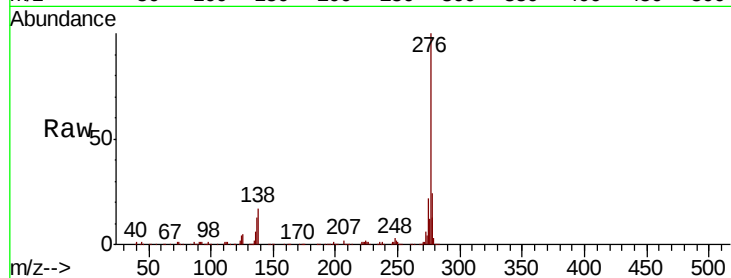
Tgt Ion:276 Resp: 1010434

Ion Ratio Lower Upper

276 100

138 15.4 12.6 19.0

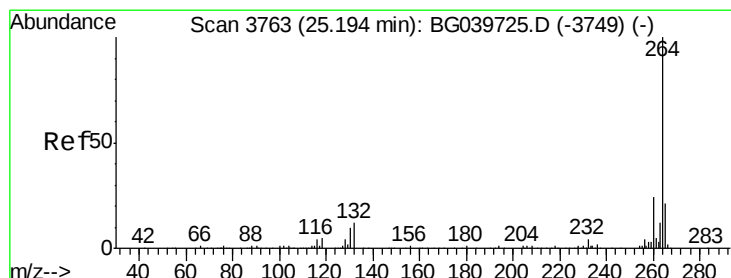
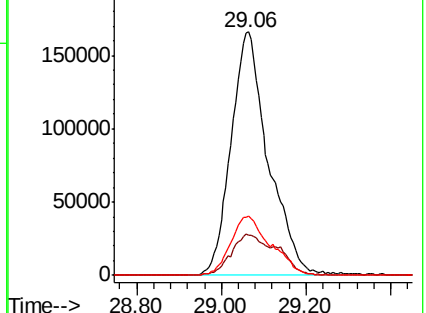
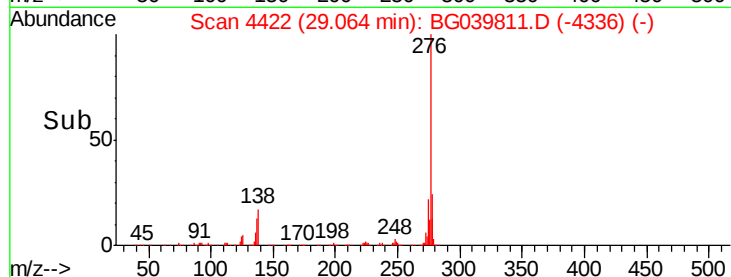
277 26.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

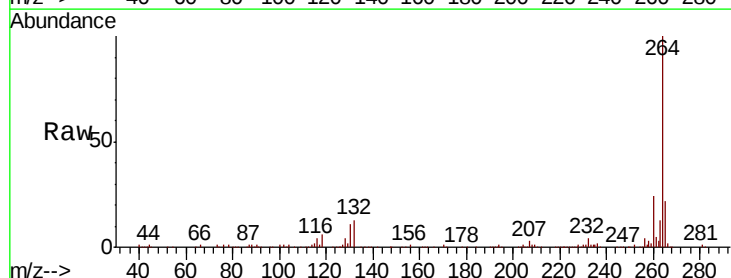
Tgt Ion:264 Resp: 357024

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

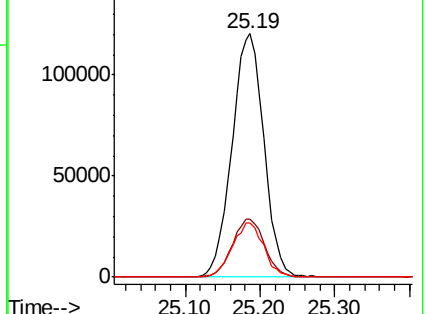
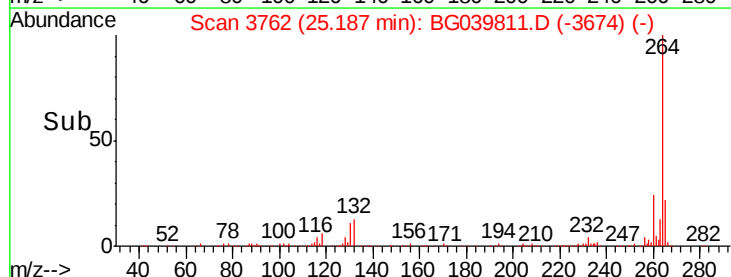
265 22.2 18.5 27.7

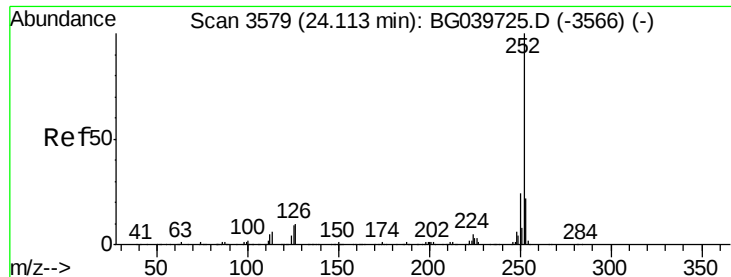


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 41.273 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

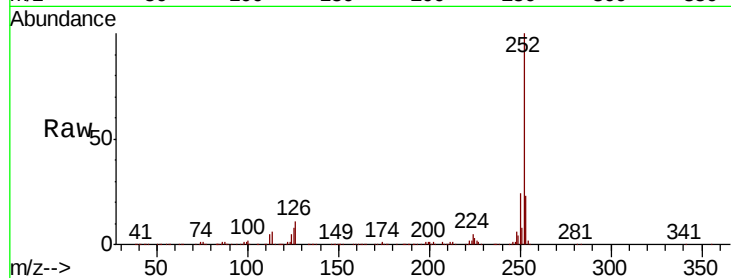
Tgt Ion:252 Resp: 878714

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

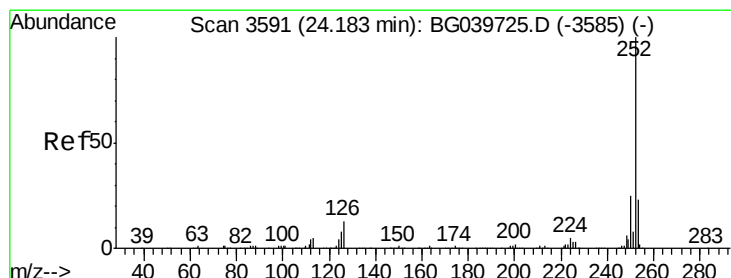
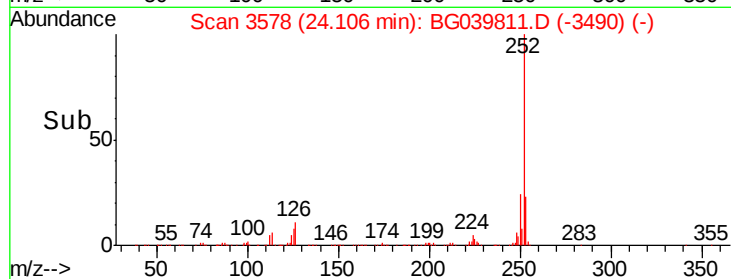
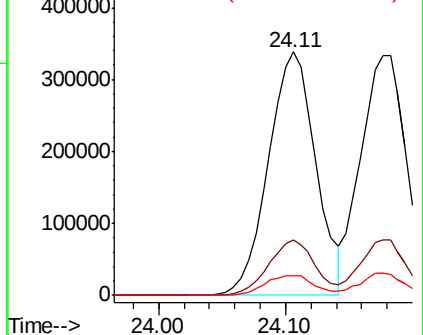
125 8.3 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 42.289 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

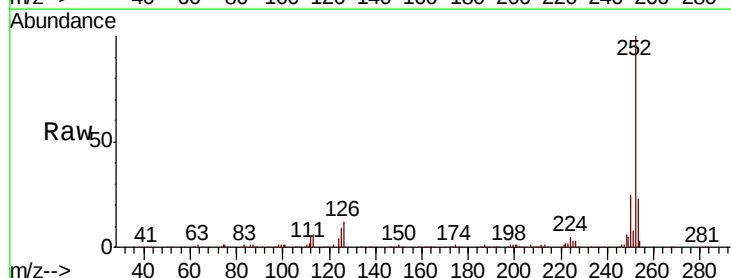
Tgt Ion:252 Resp: 838079

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

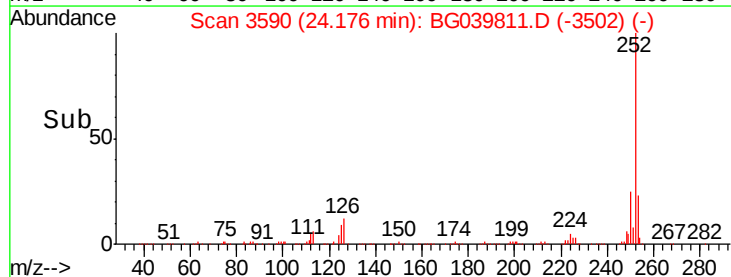
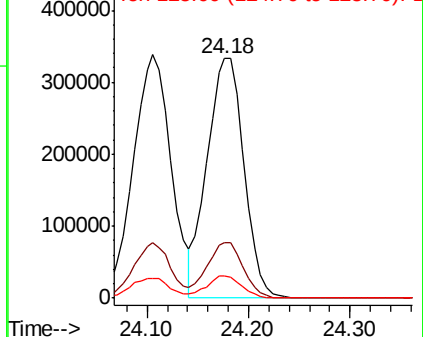
125 9.1 7.4 11.2

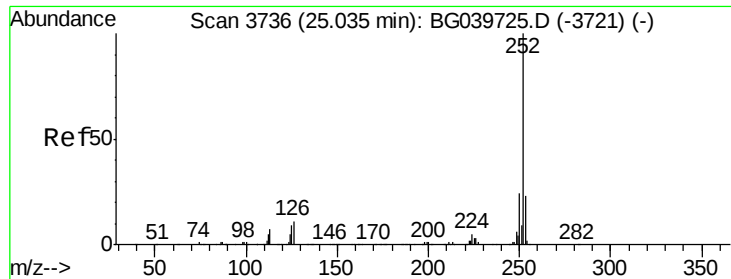


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 43.678 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_F

ClientSampleId :

TP-6CD-SMSD

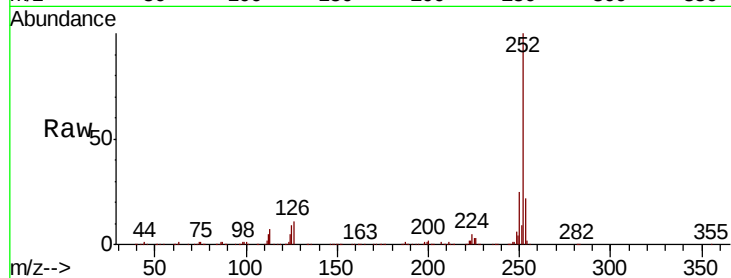
Tgt Ion:252 Resp: 859293

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

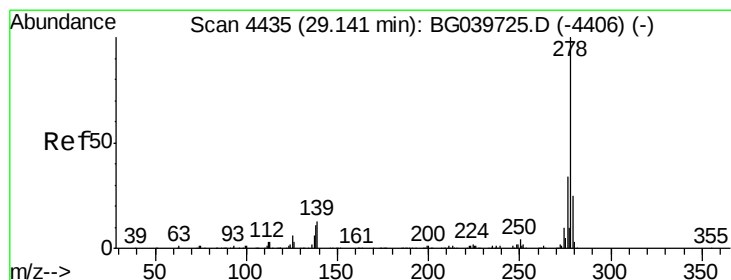
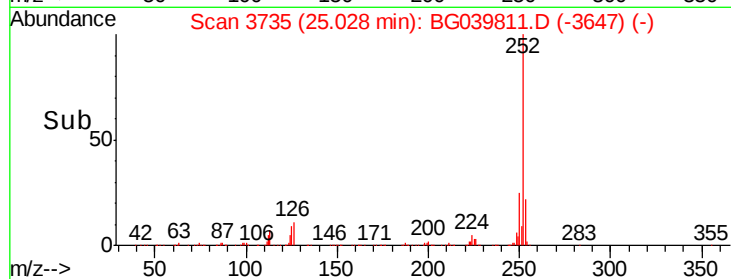
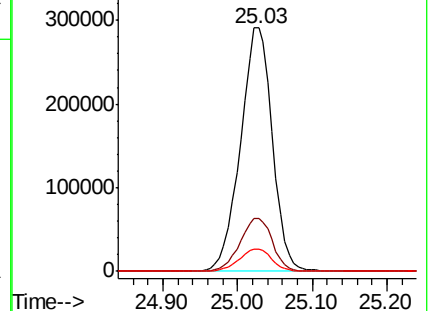
125 9.3 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 42.301 ng

RT: 29.13 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

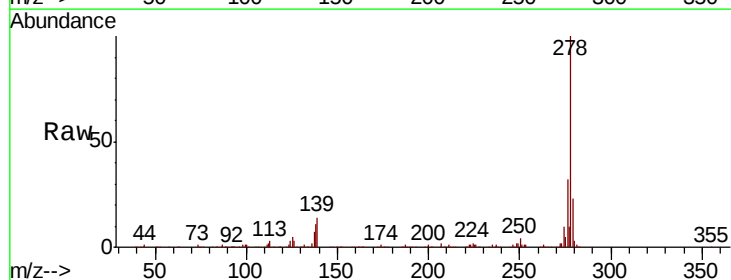
Tgt Ion:278 Resp: 815847

Ion Ratio Lower Upper

278 100

139 13.9 11.7 17.5

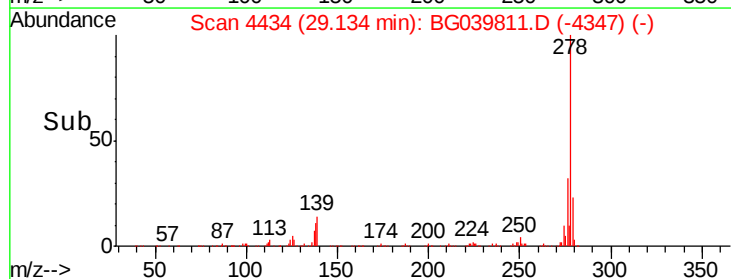
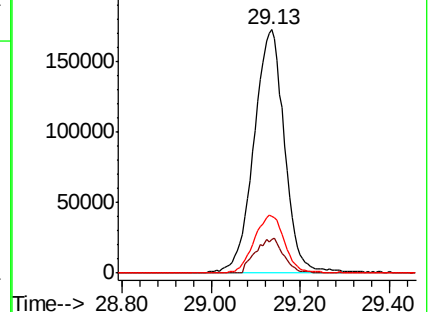
279 23.3 19.1 28.7

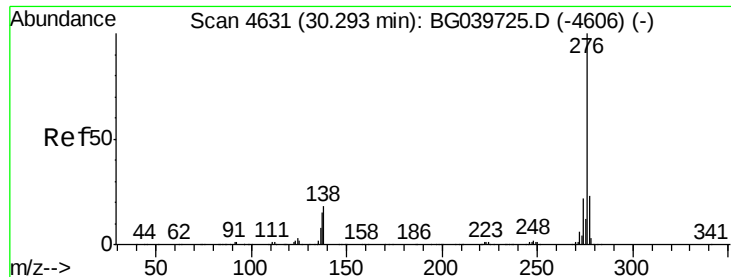


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

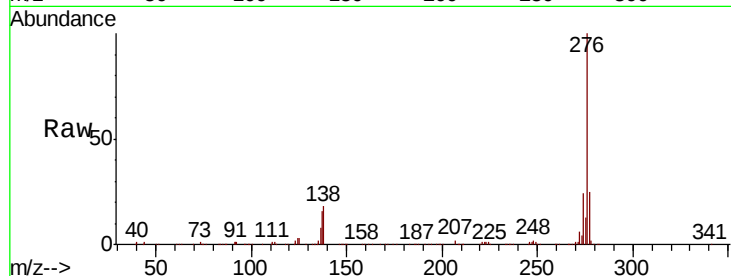




#92
 Benzo(g,h,i)perylene
 Concen: 43.054 ng
 RT: 30.29 min Scan# 4630
 Delta R.T. -0.03 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-SMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.6	29.4
138	17.6	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

