

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020075.D
 Acq On : 10 Dec 2015 14:41
 Operator : UM/SJ
 Sample : G4683-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

Quant Time: Dec 11 04:43:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19115	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	82830	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57176	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	137826	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	169713	20.00	ng	-0.04
86) Perylene-d12	25.03	264	160277	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	161551	152.75	ng	-0.01
7) Phenol-d6	7.26	99	245349	153.65	ng	0.00
23) Nitrobenzene-d5	9.28	82	157531	97.06	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	122098	139.57	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	343648	82.07	ng	-0.03
78) Terphenyl-d14	20.08	244	602773	86.63	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	14980	36.36	ng	# 100
3) Pyridine	3.92	79	48481	38.74	ng	# 88
4) n-Nitrosodimethylamine	3.84	42	25870	39.31	ng	# 88
6) Aniline	7.43	93	45436	21.97	ng	# 85
8) 2-Chlorophenol	7.67	128	64595	50.09	ng	# 92
9) Benzaldehyde	7.24	77	44068	41.38	ng	# 95
10) Phenol	7.29	94	92954	55.31	ng	# 82
11) bis(2-Chloroethyl)ether	7.52	93	56866	45.69	ng	# 87
12) 1,3-Dichlorobenzene	8.00	146	63632	43.53	ng	# 95
13) 1,4-Dichlorobenzene	8.15	146	64749	42.89	ng	# 94
14) 1,2-Dichlorobenzene	8.46	146	64000	44.45	ng	# 96
15) Benzyl Alcohol	8.35	79	68012	48.54	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	85433	42.09	ng	# 94
17) 2-Methylphenol	8.55	107	59012	49.74	ng	# 92
18) Hexachloroethane	9.20	117	24138	42.70	ng	# 91
19) n-Nitroso-di-n-propylamine	8.92	70	52634	41.80	ng	# 93
20) 3+4-Methylphenols	8.87	107	82918	49.63	ng	# 91
22) Acetophenone	8.93	105	99391	43.77	ng	# 93
24) Nitrobenzene	9.32	77	83820	47.61	ng	# 90
25) Isophorone	9.84	82	146076	41.98	ng	# 97
26) 2-Nitrophenol	10.03	139	37481	55.12	ng	# 71
27) 2,4-Dimethylphenol	10.09	122	61054	43.12	ng	# 93
28) bis(2-Chloroethoxy)methane	10.33	93	83010	48.82	ng	# 100
29) 2,4-Dichlorophenol	10.57	162	75268	52.04	ng	# 94
30) 1,2,4-Trichlorobenzene	10.78	180	74354	45.48	ng	# 94
31) Naphthalene	10.98	128	207860	46.84	ng	# 99
32) Benzoic acid	10.09	122	61054	61.98	ng	# 17
33) 4-Chloroaniline	11.08	127	30460	15.58	ng	# 89
34) Hexachlorobutadiene	11.26	225	51042	42.33	ng	# 98
35) Caprolactam	11.86	113	18124	33.66	ng	# 78
36) 4-Chloro-3-methylphenol	12.19	107	85911	47.69	ng	# 94
37) 2-Methylnaphthalene	12.58	142	154624	47.55	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	100750	46.43	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	95305	77.03	ng	# 99

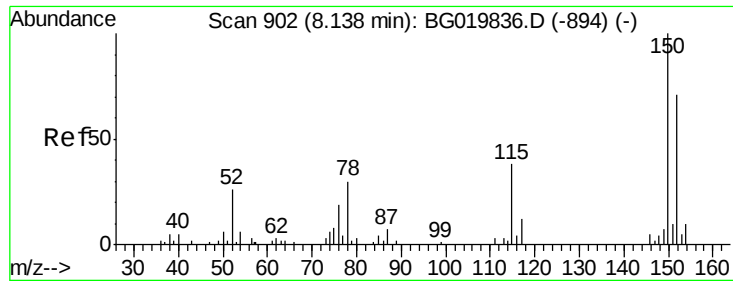
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
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 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	70596	49.14	ng	97
43) 2,4,5-Trichlorophenol	13.25	196	78007	51.38	ng	98
45) 1,1'-Biphenyl	13.58	154	208095	44.35	ng	99
46) 2-Chloronaphthalene	13.62	162	168042	46.46	ng	96
47) 2-Nitroaniline	13.82	65	61209	53.58	ng	87
48) Acenaphthylene	14.46	152	276300	44.85	ng	99
49) Dimethylphthalate	14.19	163	323617	62.92	ng	98
50) 2,6-Dinitrotoluene	14.31	165	50303	52.02	ng	# 78
51) Acenaphthene	14.80	154	164466	44.00	ng	99
52) 3-Nitroaniline	14.64	138	35550	35.39	ng	94
53) 2,4-Dinitrophenol	14.84	184	30688	62.00	ng	89
54) Dibenzofuran	15.14	168	276301	49.68	ng	93
55) 4-Nitrophenol	14.94	139	81155	92.75	ng	# 67
56) 2,4-Dinitrotoluene	15.10	165	70888	52.54	ng	# 96
57) Fluorene	15.78	166	218470	43.89	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	73890	52.59	ng	96
59) Diethylphthalate	15.55	149	229039	41.15	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	121498	42.51	ng	99
61) 4-Nitroaniline	15.80	138	52002	46.02	ng	# 74
62) Azobenzene	16.07	77	210695	45.49	ng	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	34426	44.91	ng	91
65) n-Nitrosodiphenylamine	15.99	169	196165	49.18	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	79812	46.60	ng	97
67) Hexachlorobenzene	16.79	284	87909	49.28	ng	96
68) Atrazine	16.93	200	84101	48.53	ng	97
69) Pentachlorophenol	17.13	266	106392	102.18	ng	96
70) Phenanthrene	17.52	178	370635	47.53	ng	97
71) Anthracene	17.62	178	368724	46.42	ng	96
72) Carbazole	17.88	167	332994	47.59	ng	97
73) Di-n-butylphthalate	18.43	149	384868	44.88	ng	98
74) Fluoranthene	19.53	202	457865	45.91	ng	94
76) Benzidine	19.70	184	67300	12.07	ng	97
77) Pyrene	19.89	202	467585	46.83	ng	96
79) Butylbenzylphthalate	20.77	149	176625	45.13	ng	97
80) Benzo(a)anthracene	21.74	228	475968	45.82	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	96253	24.33	ng	# 97
82) Chrysene	21.80	228	431231	43.72	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	260512	45.36	ng	96
84) Di-n-octyl phthalate	22.86	149	447587	47.93	ng	# 96
85) Indeno(1,2,3-cd)pyrene	28.78	276	509488	46.89	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	471501	46.42	ng	# 95
88) Benzo(k)fluoranthene	24.06	252	441230	43.86	ng	# 94
89) Benzo(a)pyrene	24.88	252	448576	46.51	ng	# 95
90) Dibenzo(a,h)anthracene	28.85	278	420639	44.15	ng	# 93
91) Benzo(g,h,i)perylene	29.96	276	400912	42.85	ng	# 93

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

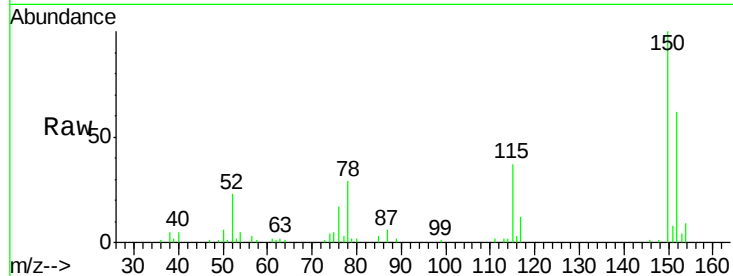


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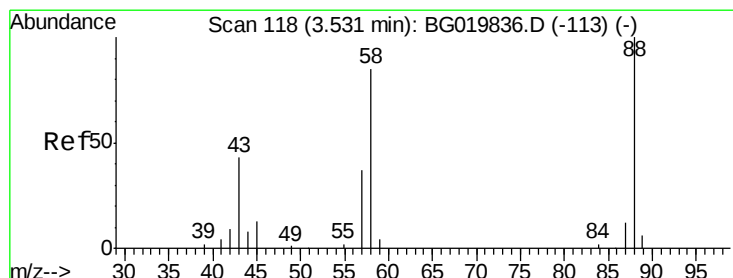
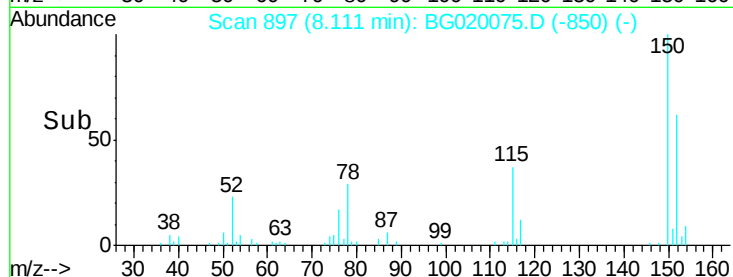
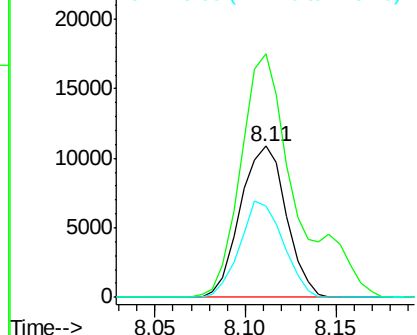
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion:152 Resp: 19115
Ion Ratio Lower Upper
152 100
150 161.3 115.0 172.4
115 60.1 43.9 65.9



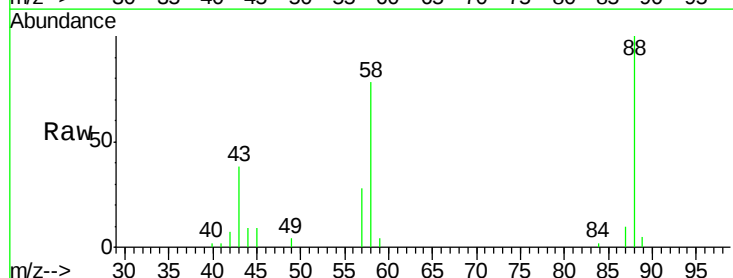
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



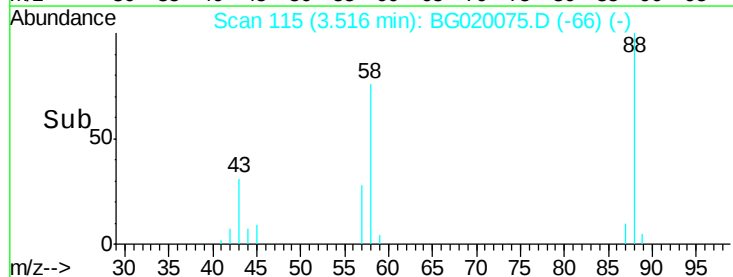
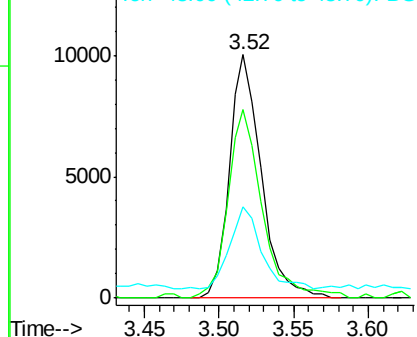
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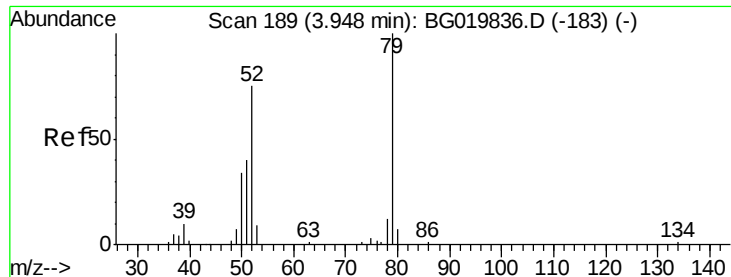
1,4-Dioxane
Concen: 36.36 ng
RT: 3.52 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion: 88 Resp: 14980
Ion Ratio Lower Upper
88 100
58 83.7 0.0 0.0#
43 33.0 0.0 0.0#



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





#3

Pyridine

Concen: 38.74 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

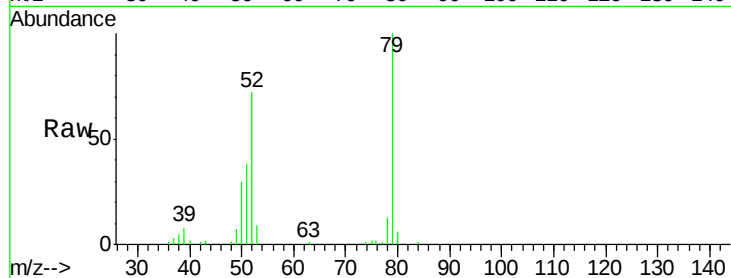
Tgt Ion: 79 Resp: 48481

Ion Ratio Lower Upper

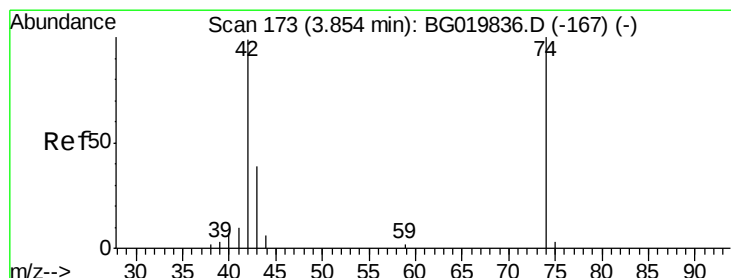
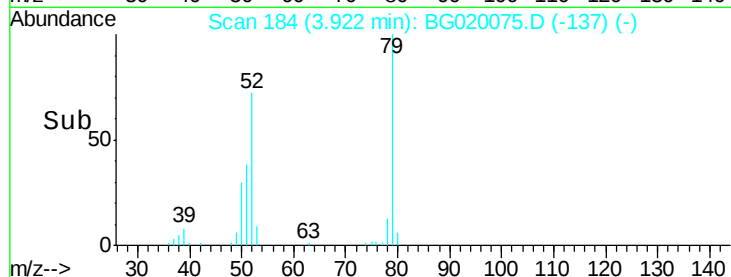
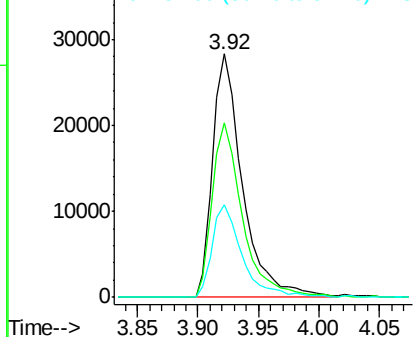
79 100

52 71.7 50.3 75.5

51 37.9 24.8 37.2#



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



#4

n-Nitrosodimethylamine

Concen: 39.31 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

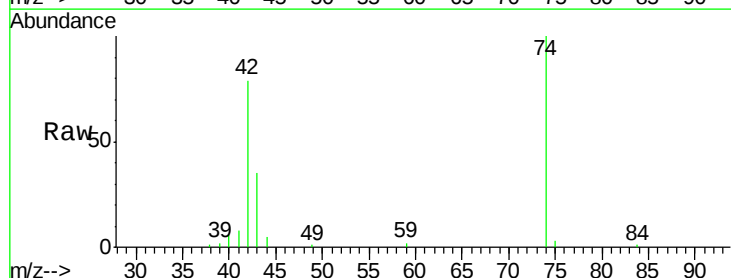
Tgt Ion: 42 Resp: 25870

Ion Ratio Lower Upper

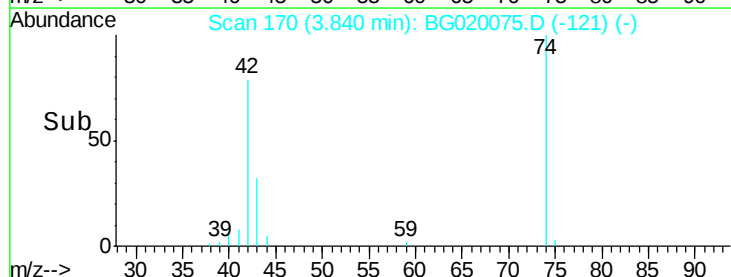
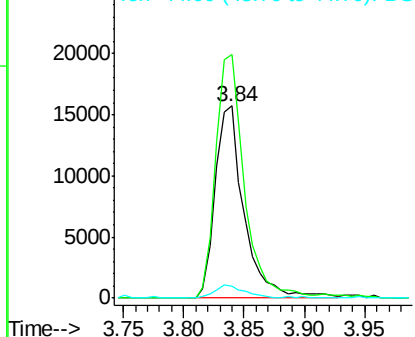
42 100

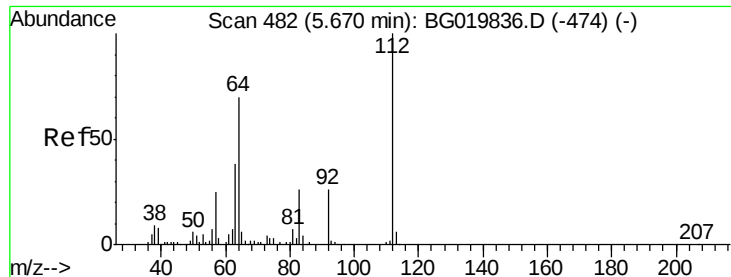
74 126.9 113.9 170.9

44 6.5 5.7 8.5



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





#5

2-Fluorophenol

Concen: 152.75 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

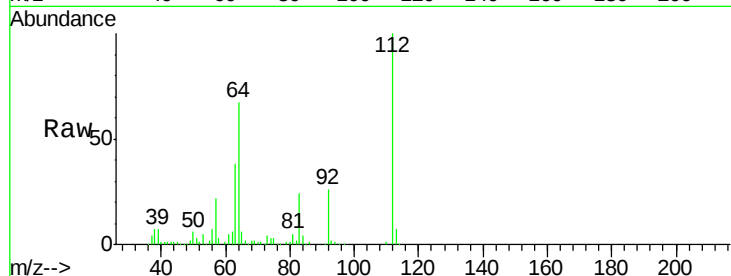
Tgt Ion: 112 Resp: 161551

Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

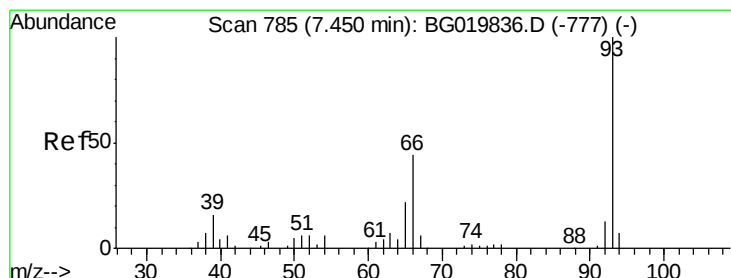
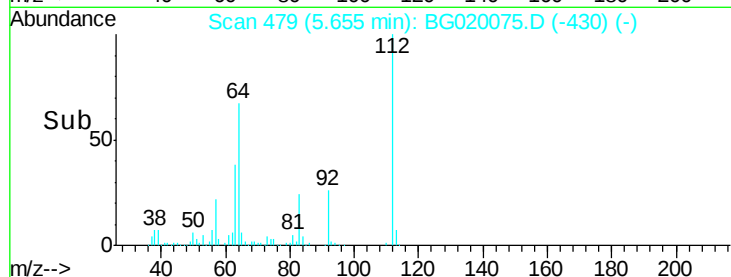
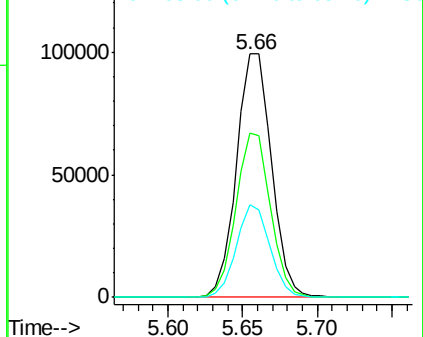
63 38.1 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.97 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

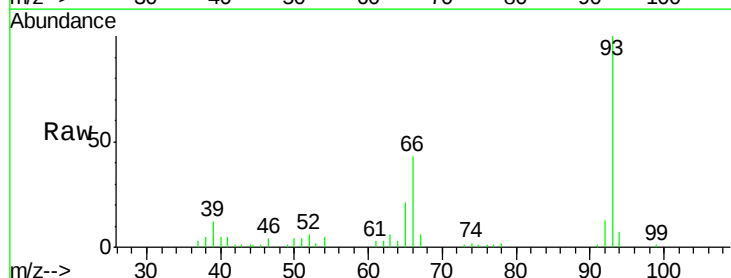
Tgt Ion: 93 Resp: 45436

Ion Ratio Lower Upper

93 100

66 43.4 26.2 39.2#

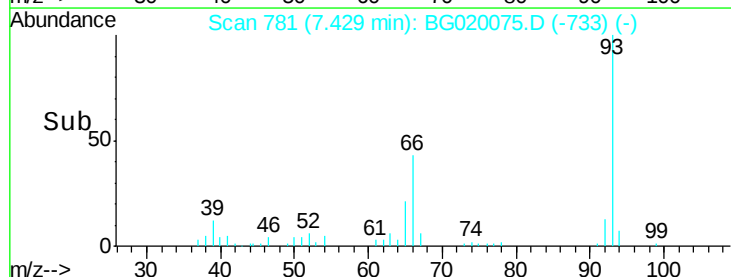
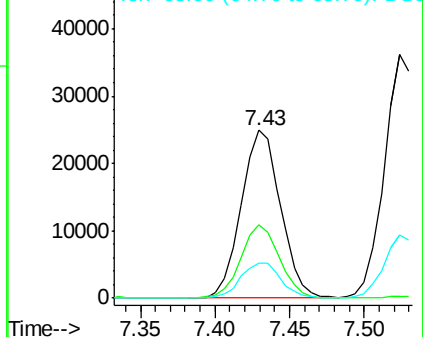
65 21.1 14.0 21.0#

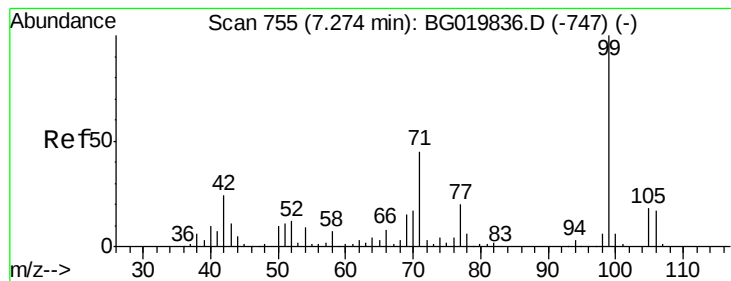


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.65 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

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ClientSampleId :

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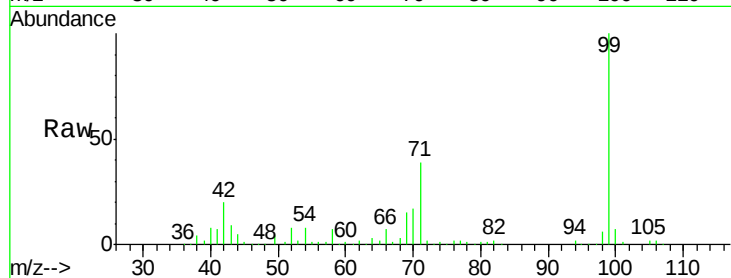
Tgt Ion: 99 Resp: 245349

Ion Ratio Lower Upper

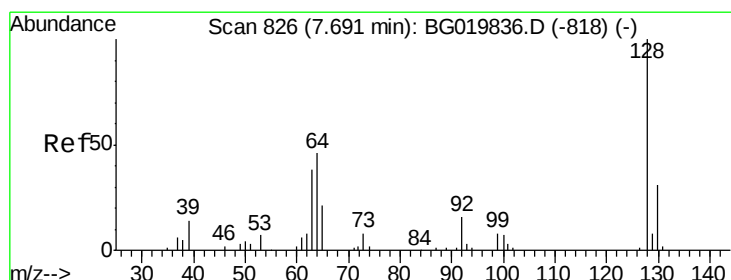
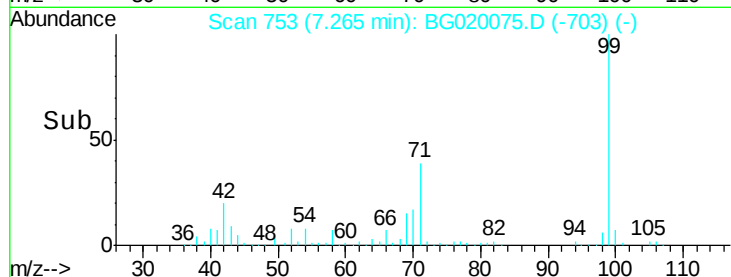
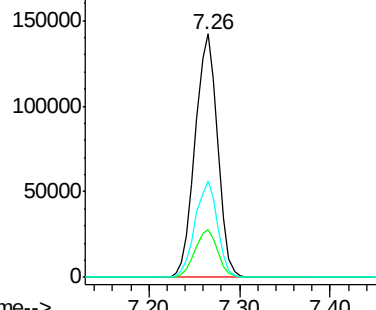
99 100

42 19.6 11.5 17.3#

71 39.4 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 50.09 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

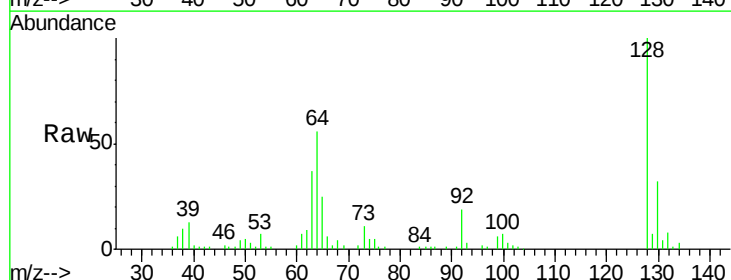
Tgt Ion: 128 Resp: 64595

Ion Ratio Lower Upper

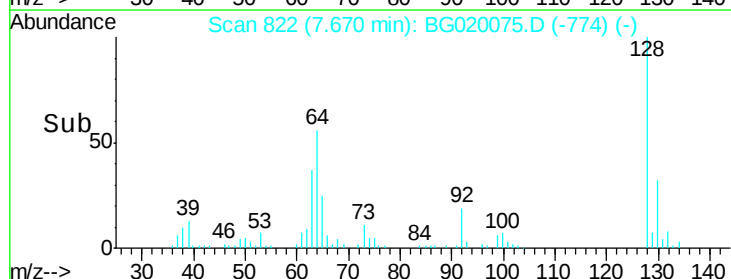
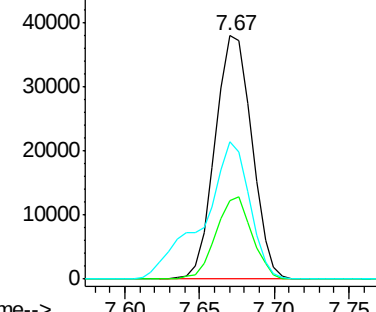
128 100

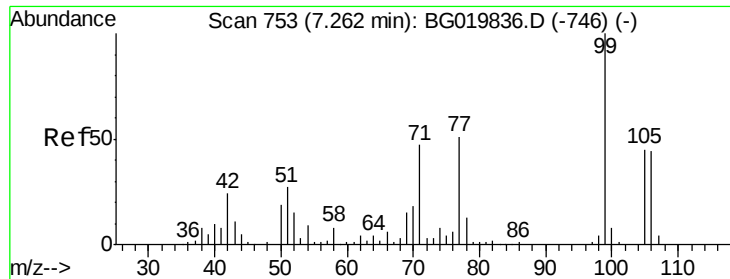
130 32.4 13.0 53.0

64 56.2 28.2 68.2



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





#9

Benzaldehyde

Concen: 41.38 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

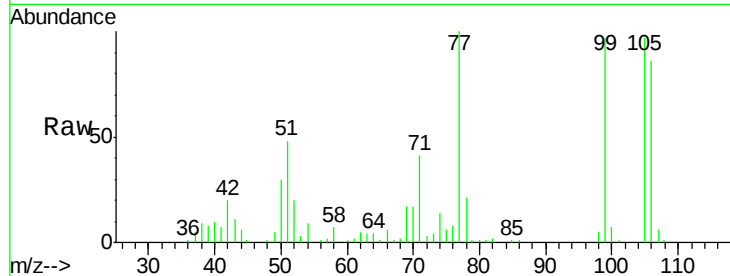
Tgt Ion: 77 Resp: 44068

Ion Ratio Lower Upper

77 100

105 97.0 77.7 117.7

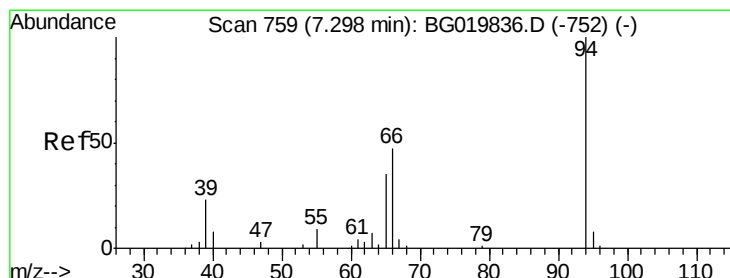
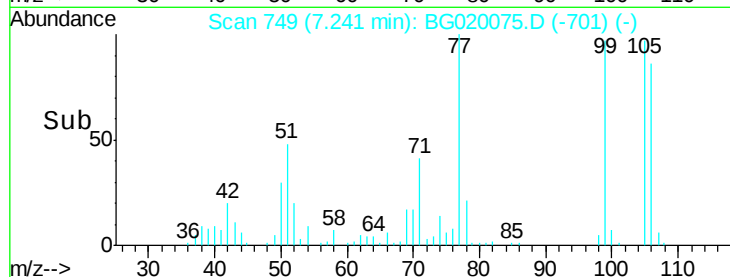
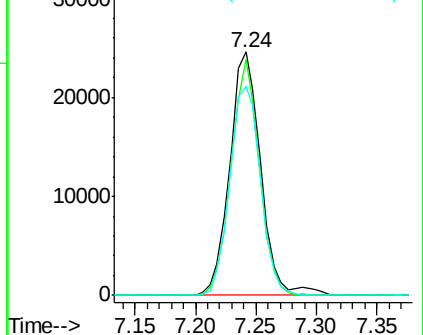
106 85.8 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 55.31 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

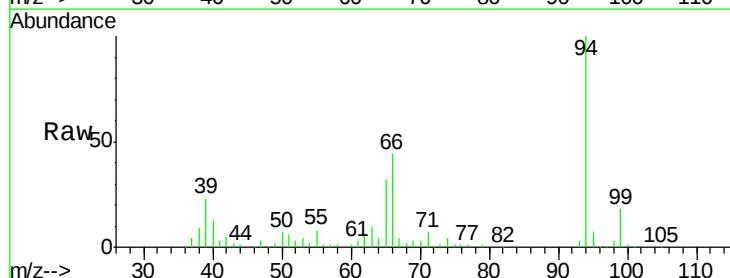
Tgt Ion: 94 Resp: 92954

Ion Ratio Lower Upper

94 100

65 31.6 5.4 45.4

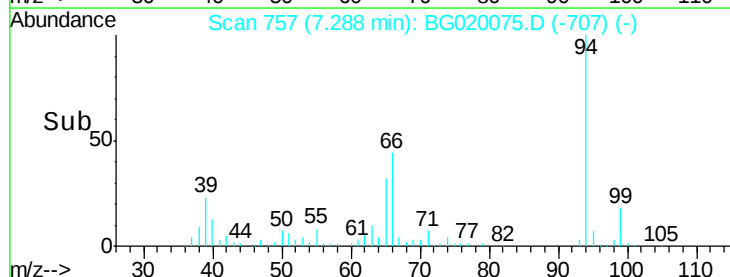
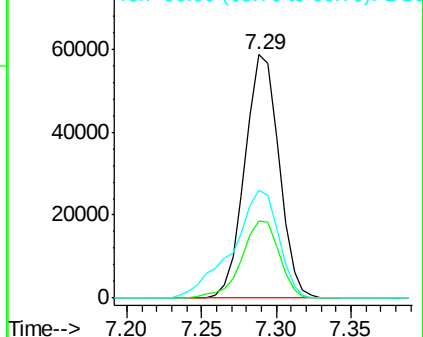
66 44.5 11.8 51.8

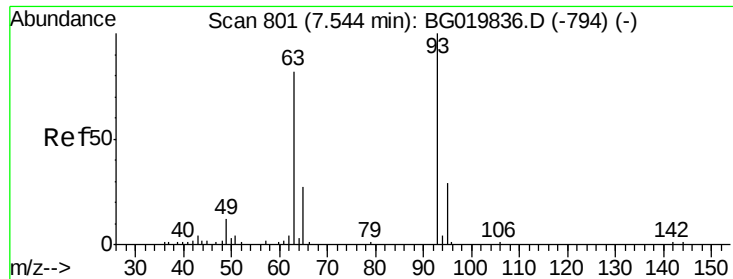


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.69 ng

RT: 7.52 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

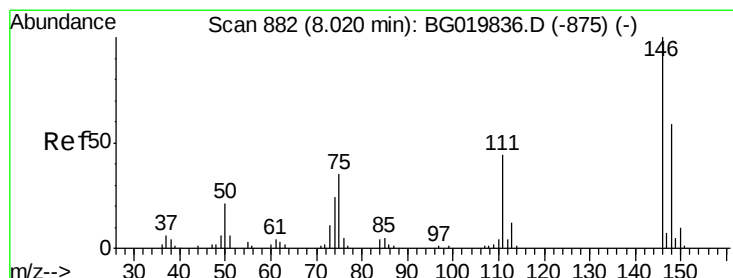
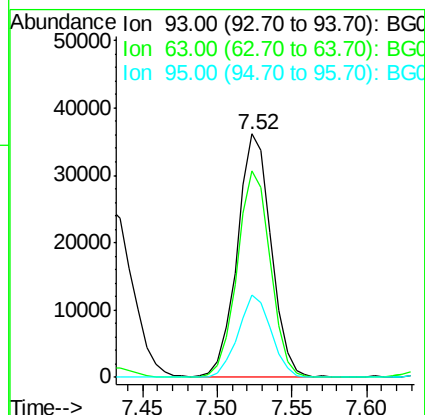
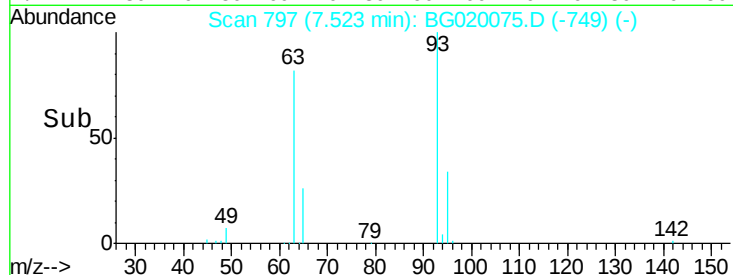
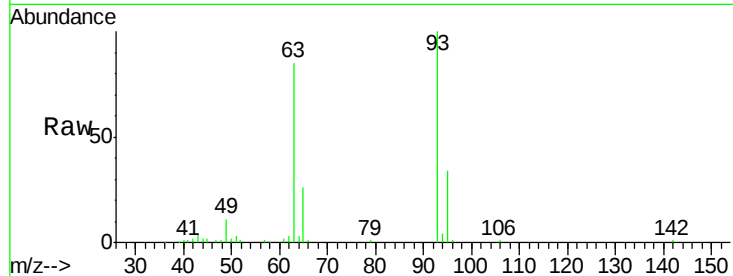
Tgt Ion: 93 Resp: 56866

Ion Ratio Lower Upper

93 100

63 85.0 50.5 90.5

95 33.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 43.53 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

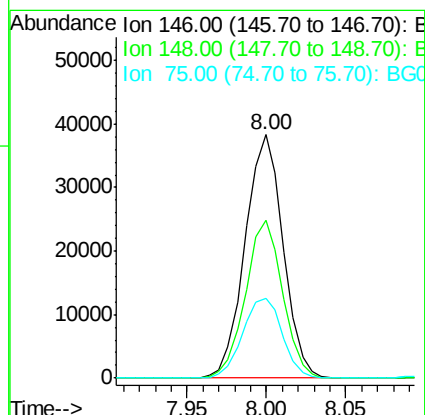
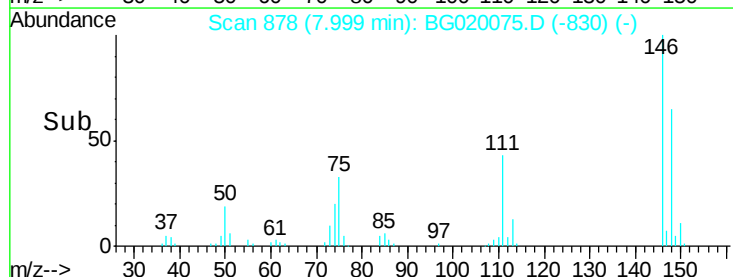
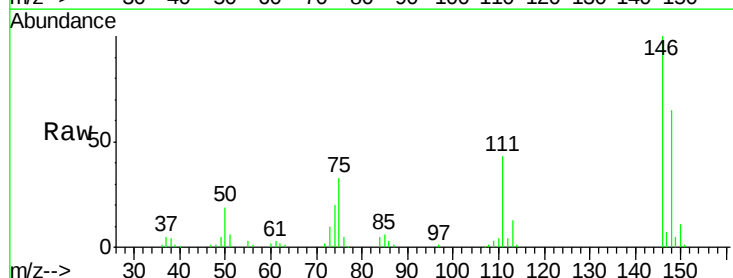
Tgt Ion: 146 Resp: 63632

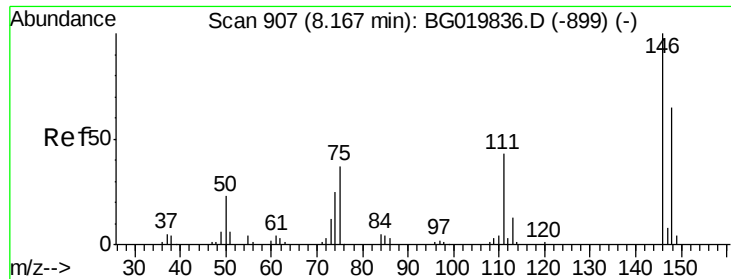
Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

75 32.5 21.1 31.7#

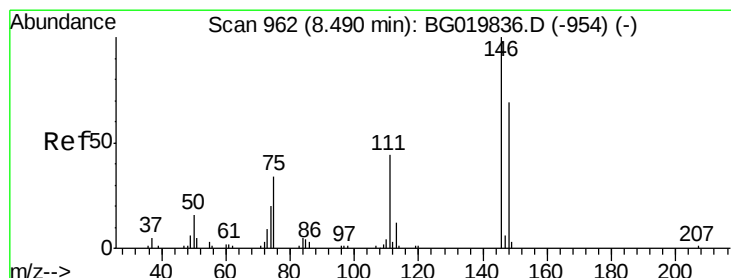
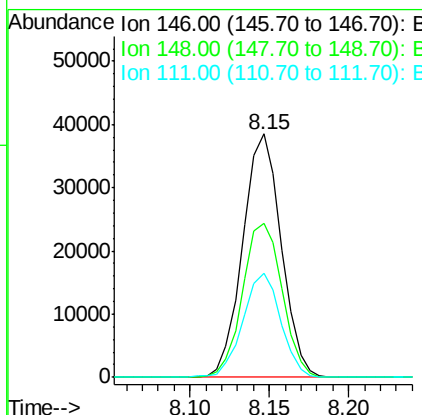
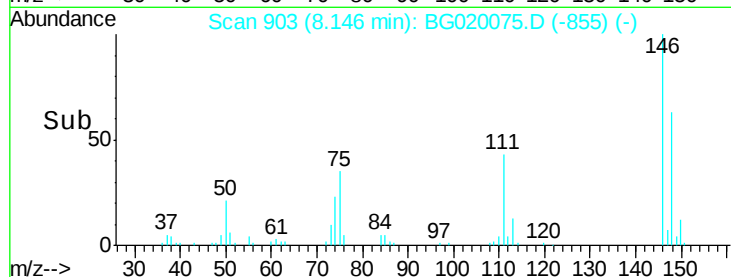
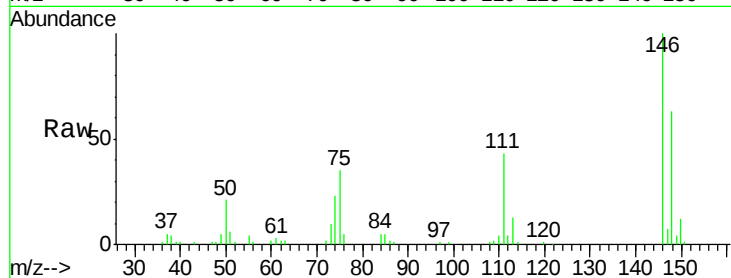




#13
 1,4-Dichlorobenzene
 Concen: 42.89 ng
 RT: 8.15 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

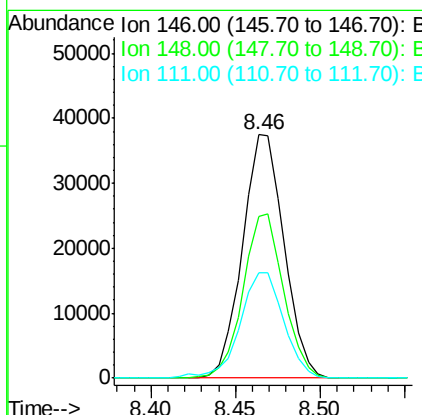
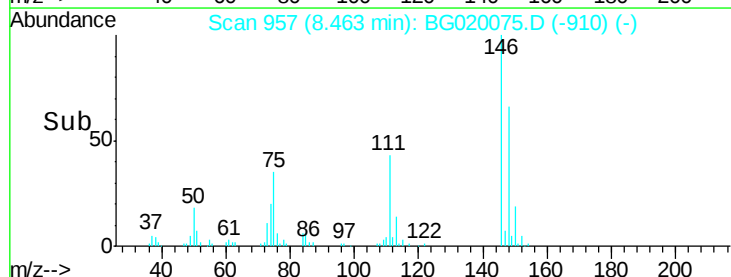
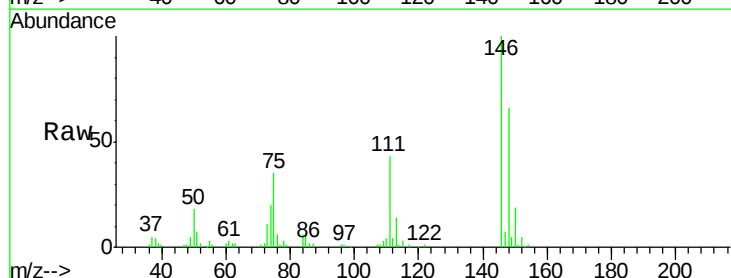
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

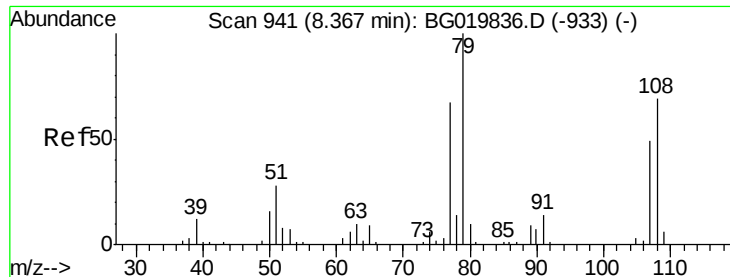
Tgt Ion:146 Resp: 64749
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.5 78.7
 111 42.5 28.3 42.5#



#14
 1,2-Dichlorobenzene
 Concen: 44.45 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion:146 Resp: 64000
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.5 78.7
 111 43.2 29.9 44.9





#15

Benzyl Alcohol

Concen: 48.54 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

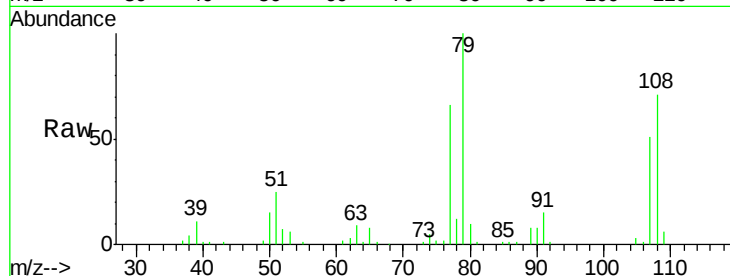
Tgt Ion: 79 Resp: 68012

Ion Ratio Lower Upper

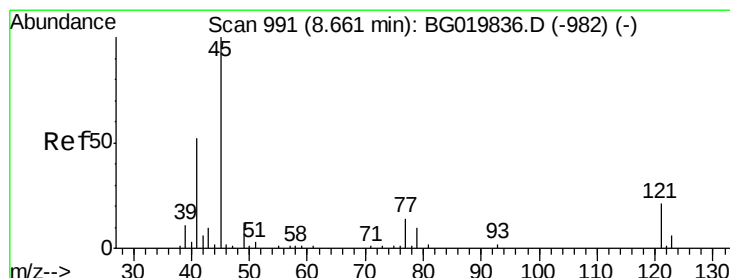
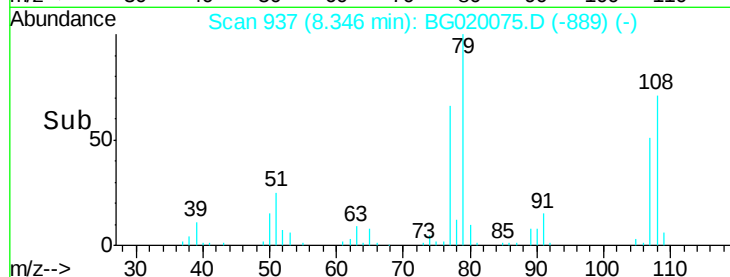
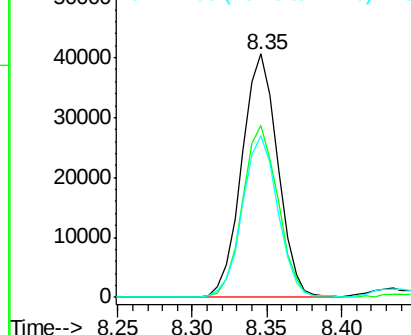
79 100

108 70.8 65.5 98.3

77 66.2 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.09 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

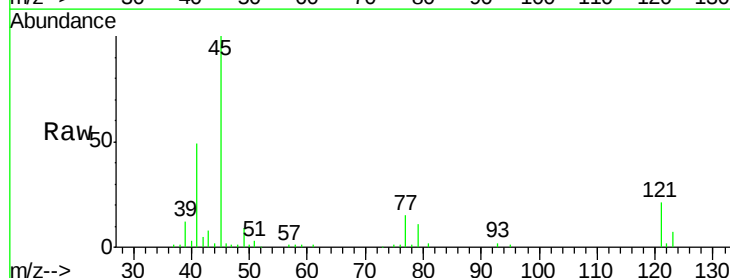
Tgt Ion: 45 Resp: 85433

Ion Ratio Lower Upper

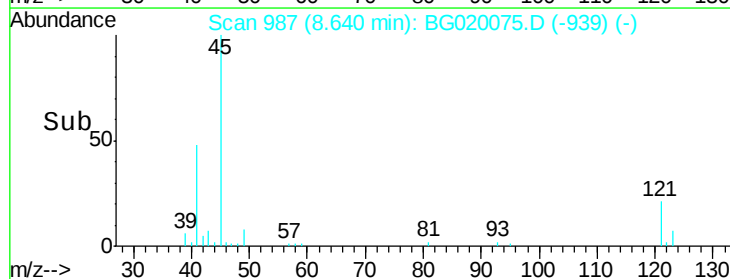
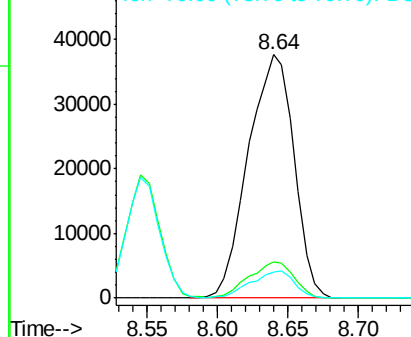
45 100

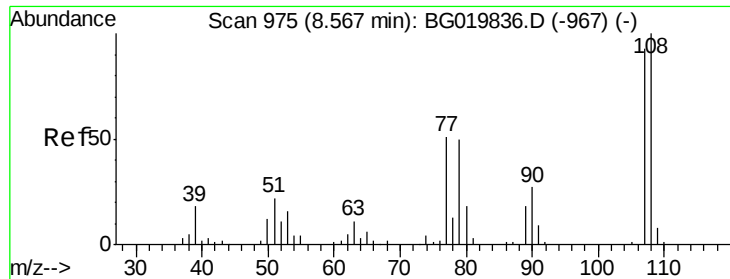
77 15.1 0.0 37.0

79 10.6 0.0 33.8



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

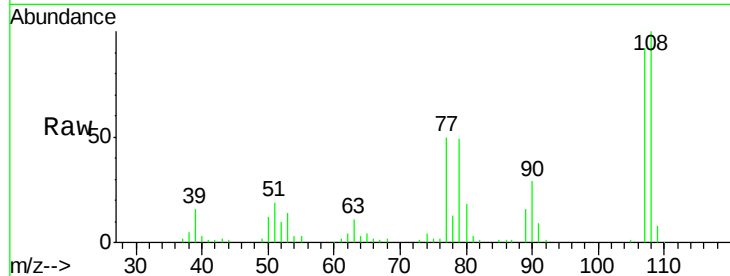




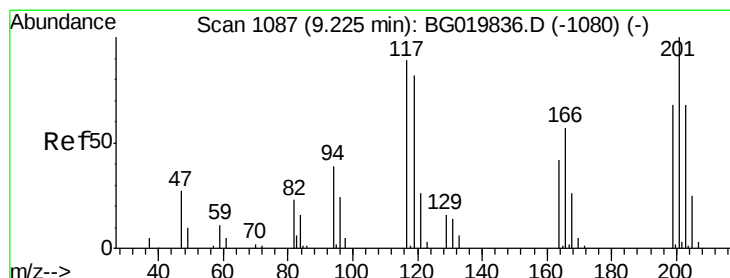
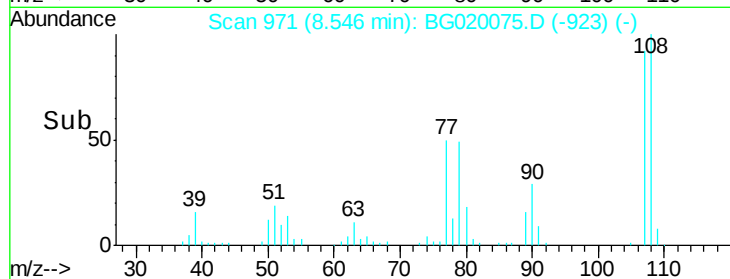
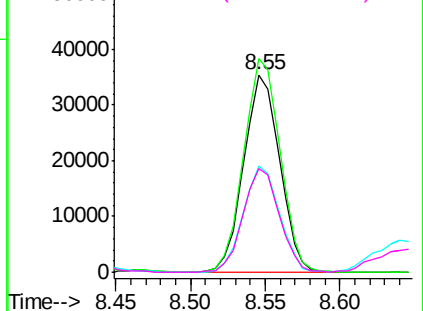
#17
2-Methylphenol
Concen: 49.74 ng
RT: 8.55 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion:107 Resp: 59012
Ion Ratio Lower Upper
107 100
108 108.3 86.5 129.7
77 53.8 34.6 51.8#
79 52.6 32.3 48.5#

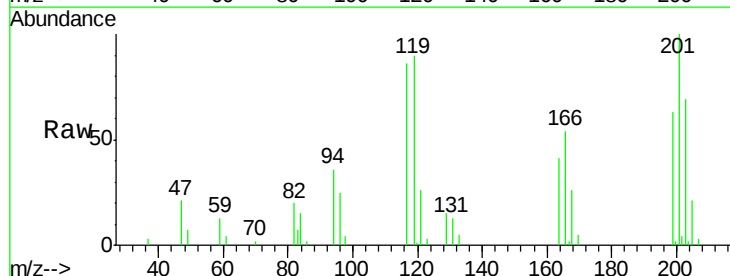


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

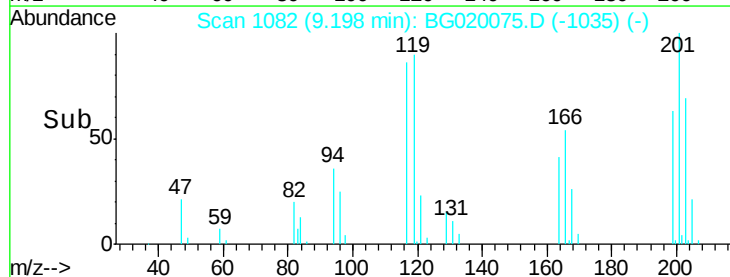
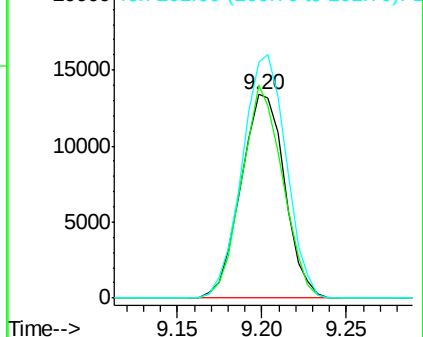


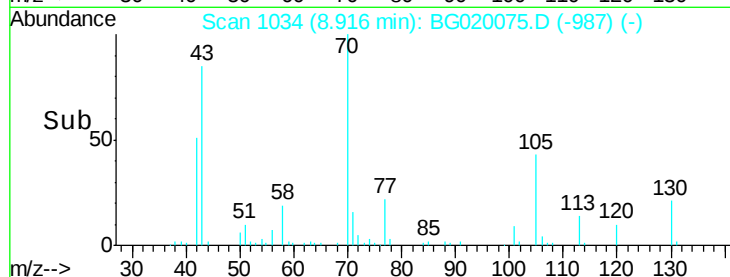
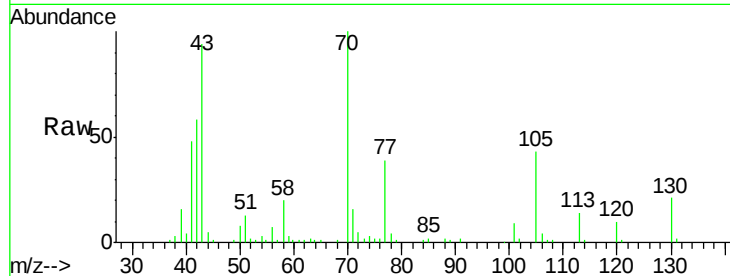
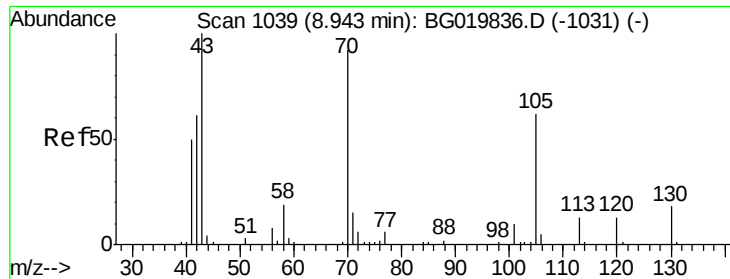
#18
Hexachloroethane
Concen: 42.70 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:117 Resp: 24138
Ion Ratio Lower Upper
117 100
119 106.2 71.7 107.5
201 116.3 90.9 136.3



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

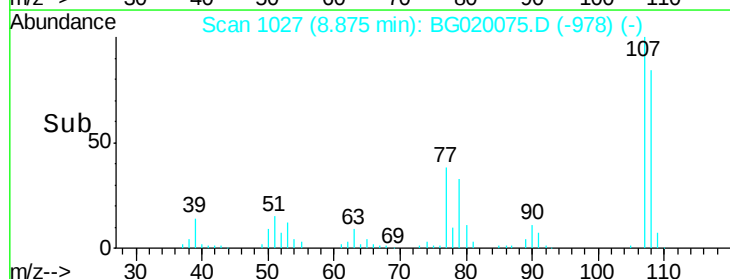
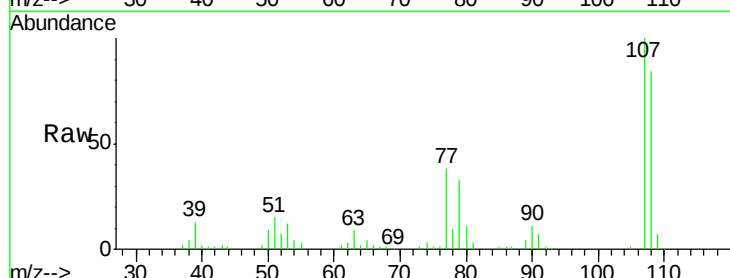
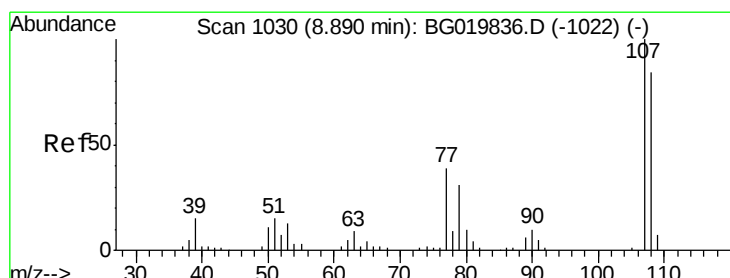
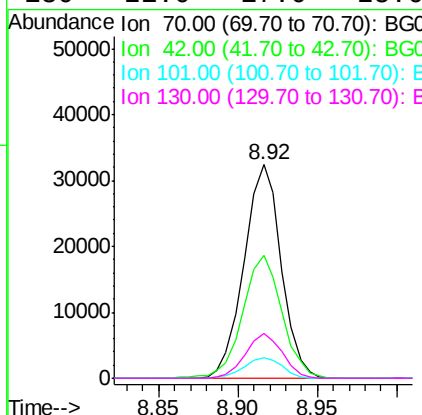




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 8.92 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

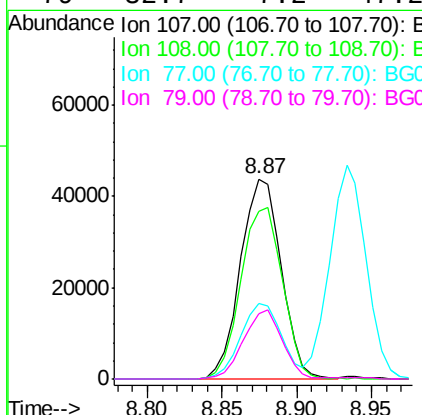
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

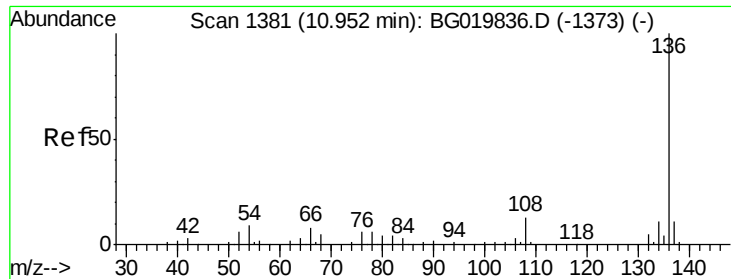
Tgt Ion:	70	Resp:	52634
Ion	Ratio	Lower	Upper
70	100		
42	57.5	40.6	60.8
101	9.5	8.6	13.0
130	21.0	17.0	25.6



#20
3+4-Methylphenols
Concen: 49.63 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:	107	Resp:	82918
Ion	Ratio	Lower	Upper
107	100		
108	84.2	72.2	112.2
77	38.1	13.4	53.4
79	32.7	7.2	47.2

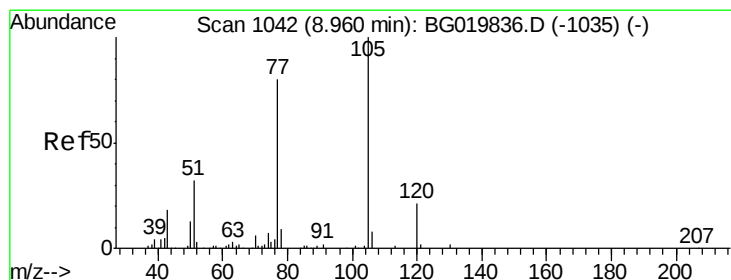
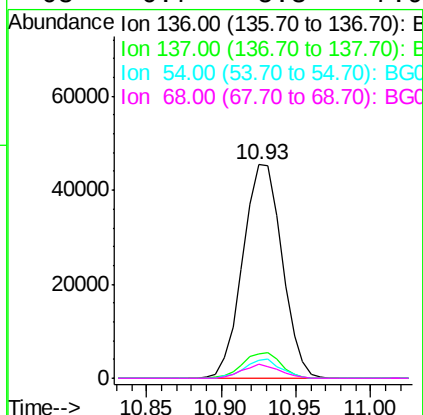
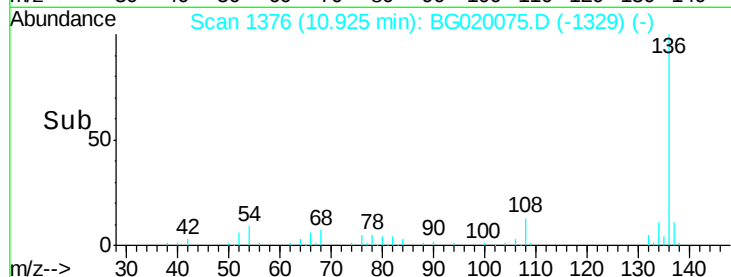
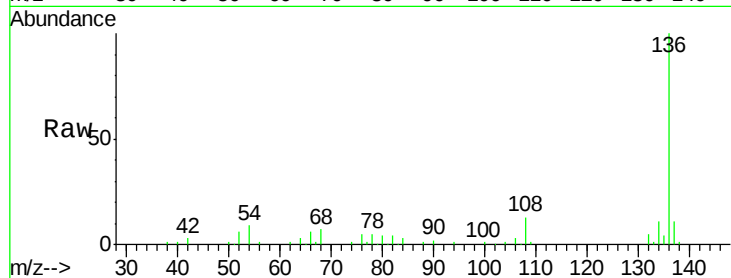




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

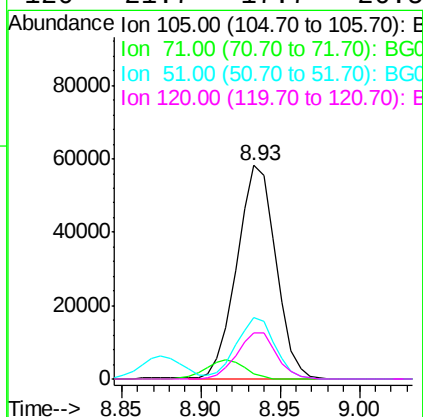
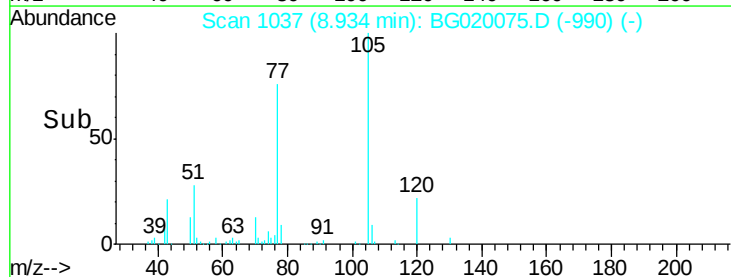
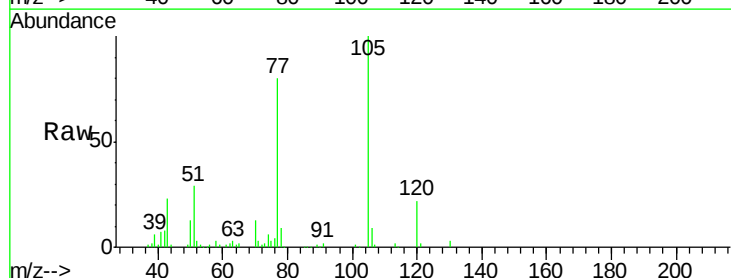
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

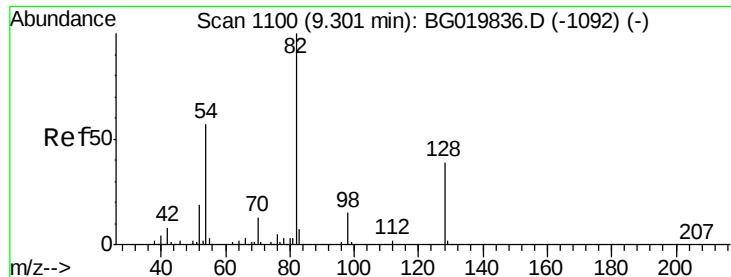
Tgt Ion:	136	Resp:	82830
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.6	5.4	8.2#
68	6.7	5.3	7.9



#22
Acetophenone
Concen: 43.77 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:	105	Resp:	99391
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.1	3.1
51	28.7	17.8	26.8#
120	21.7	17.7	26.5

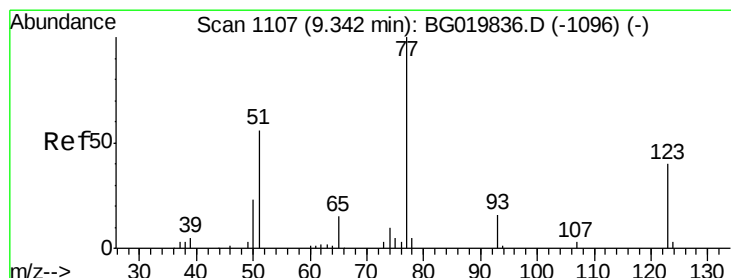
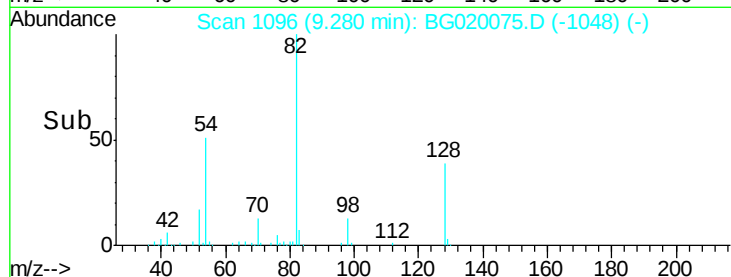
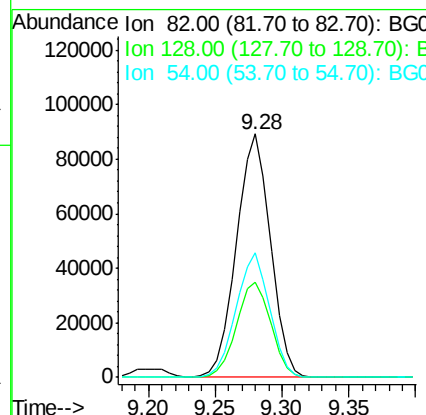
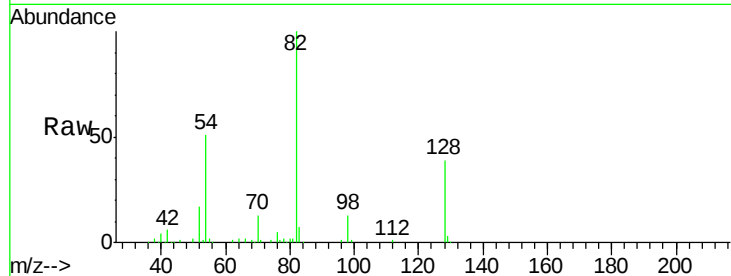




#23
Nitrobenzene-d5
Concen: 97.06 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

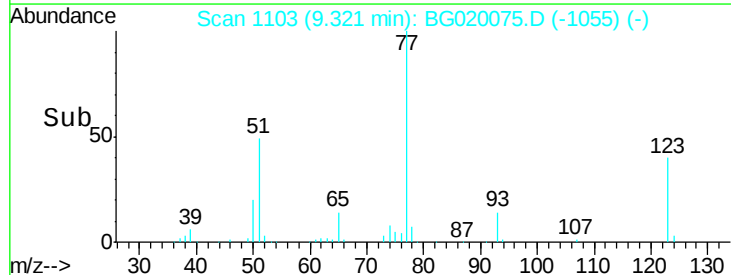
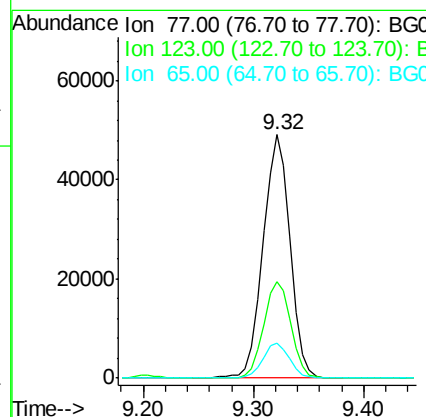
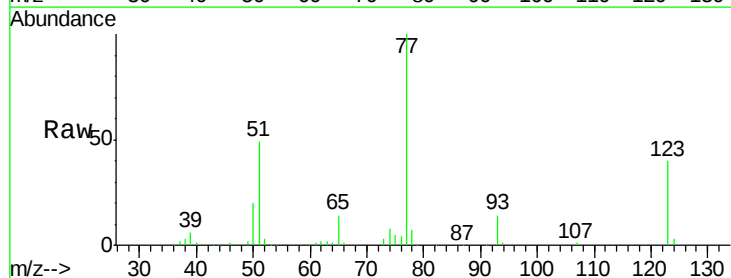
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

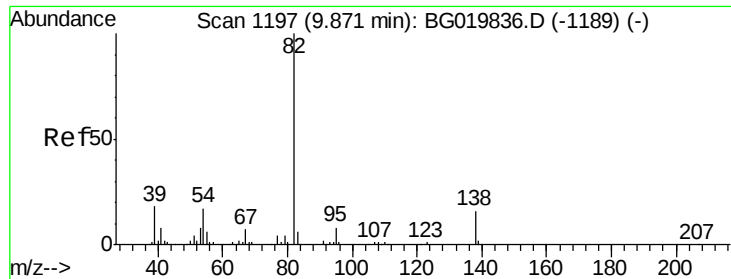
Tgt Ion: 82 Resp: 157531
Ion Ratio Lower Upper
82 100
128 39.3 36.7 55.1
54 51.4 33.8 50.8#



#24
Nitrobenzene
Concen: 47.61 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion: 77 Resp: 83820
Ion Ratio Lower Upper
77 100
123 39.6 38.2 57.2
65 14.2 10.6 16.0

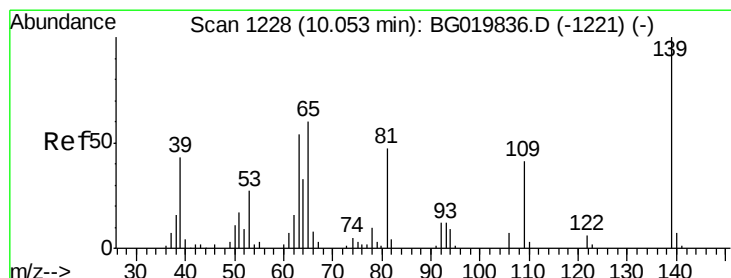
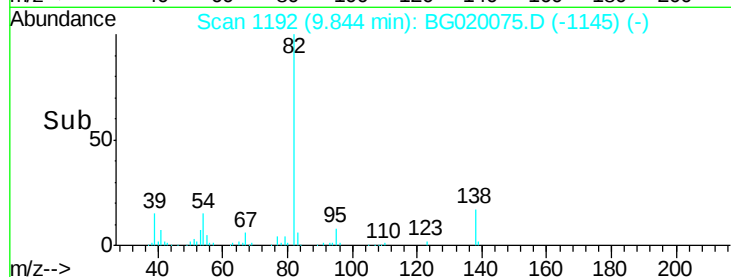
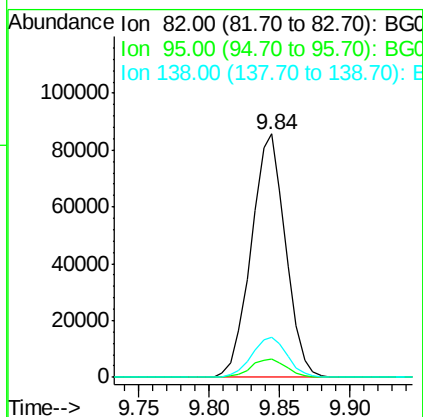
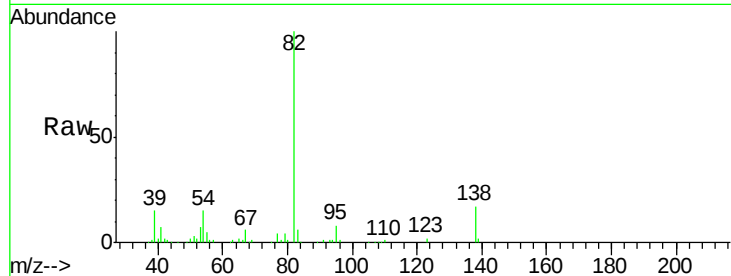




#25
Isophorone
Concen: 41.98 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

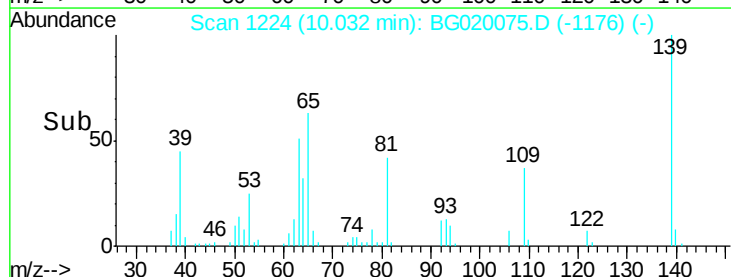
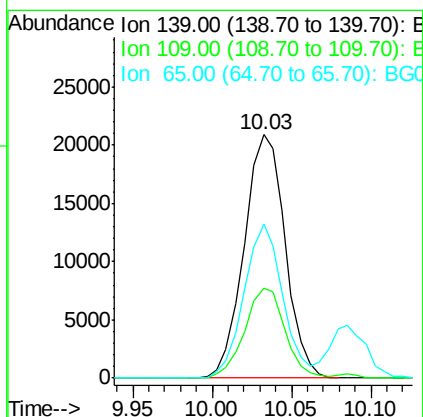
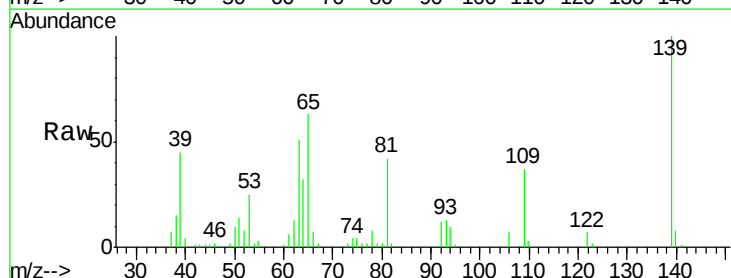
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

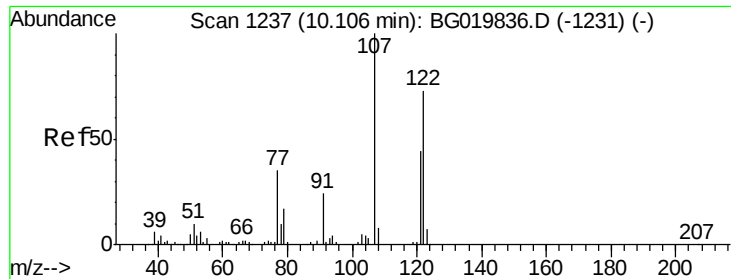
Tgt Ion: 82 Resp: 146076
Ion Ratio Lower Upper
82 100
95 7.7 5.2 7.8
138 16.5 14.4 21.6



#26
2-Nitrophenol
Concen: 55.12 ng
RT: 10.03 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion: 139 Resp: 37481
Ion Ratio Lower Upper
139 100
109 37.1 20.1 30.1#
65 63.2 34.1 51.1#

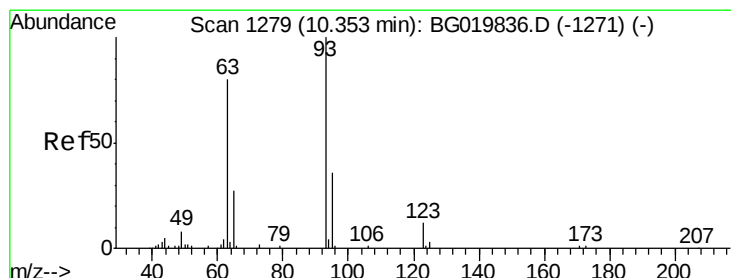
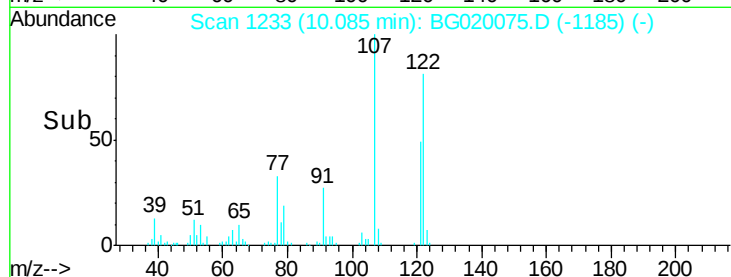
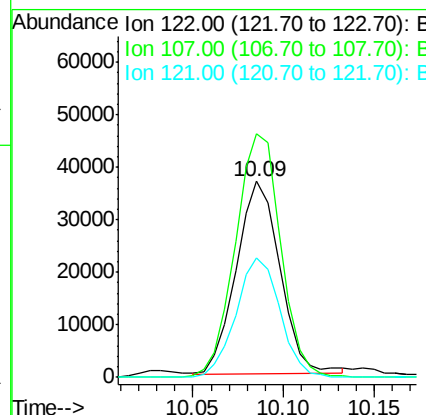
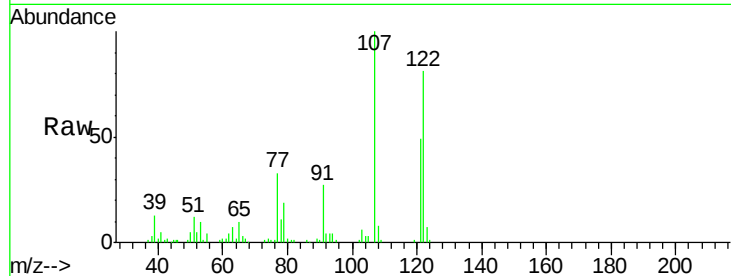




#27
 2,4-Dimethylphenol
 Concen: 43.12 ng
 RT: 10.09 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

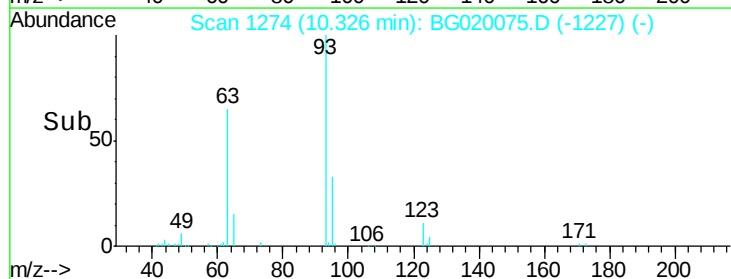
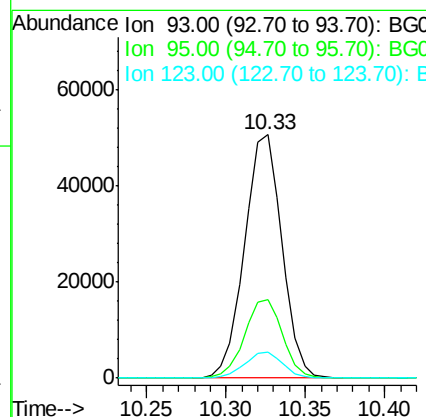
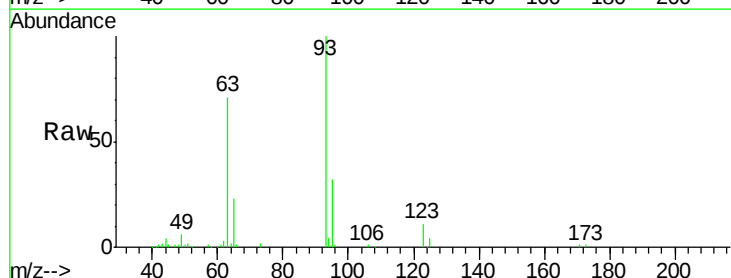
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

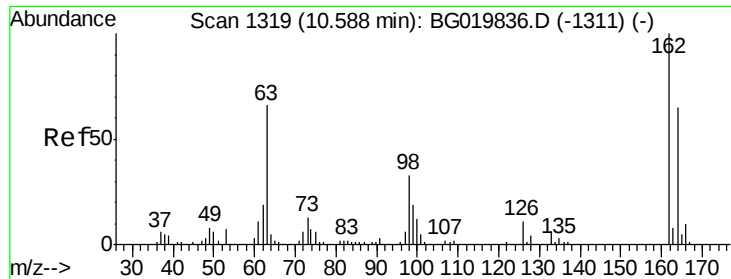
Tgt Ion:122 Resp: 61054
 Ion Ratio Lower Upper
 122 100
 107 124.2 91.6 137.4
 121 60.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.82 ng
 RT: 10.33 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion: 93 Resp: 83010
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.7 38.5
 123 10.7 8.6 12.8

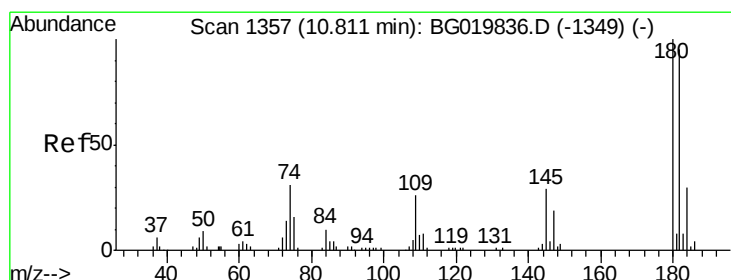
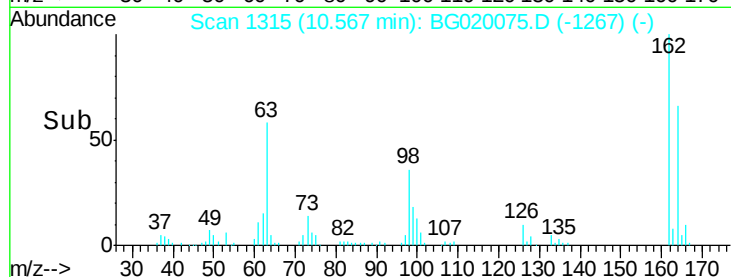
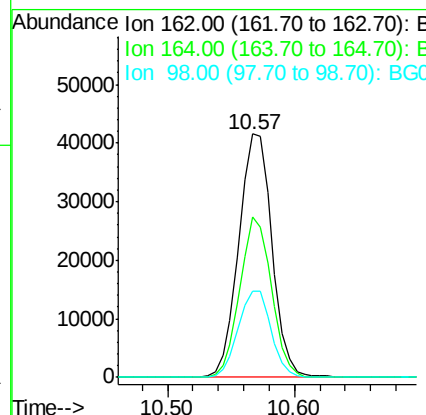
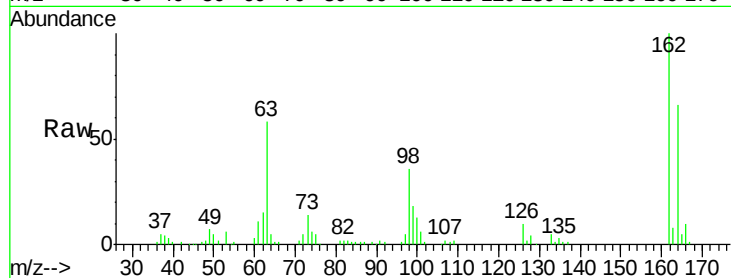




#29
2,4-Dichlorophenol
Concen: 52.04 ng
RT: 10.57 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

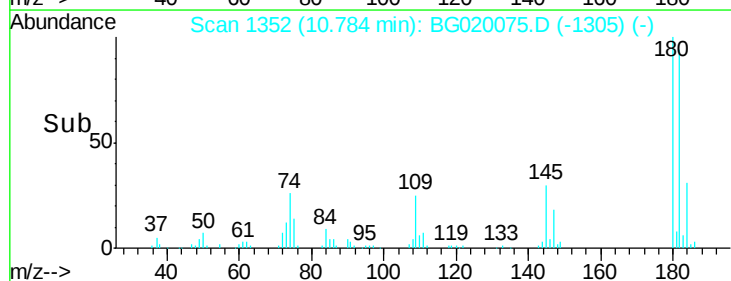
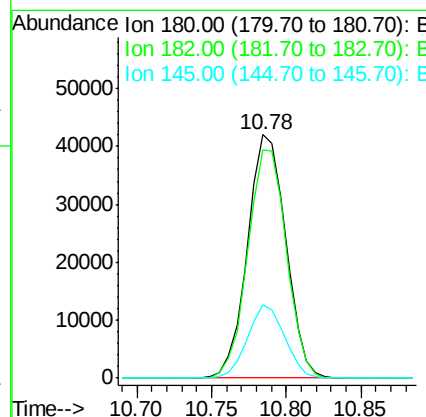
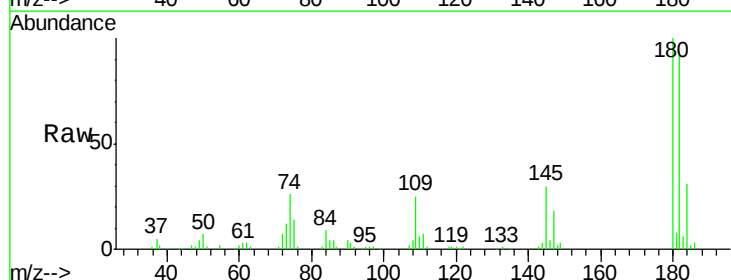
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

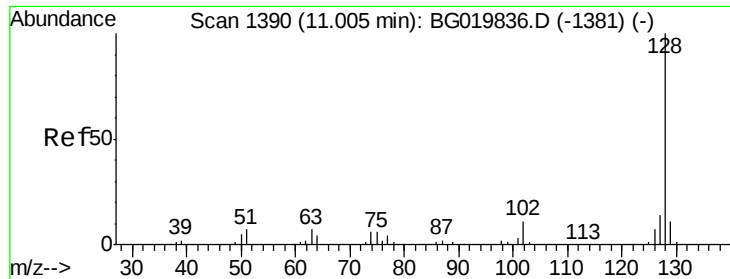
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.3	82.3
98	35.5	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 45.48 ng
RT: 10.78 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	79.7	119.5
145	30.0	22.0	33.0

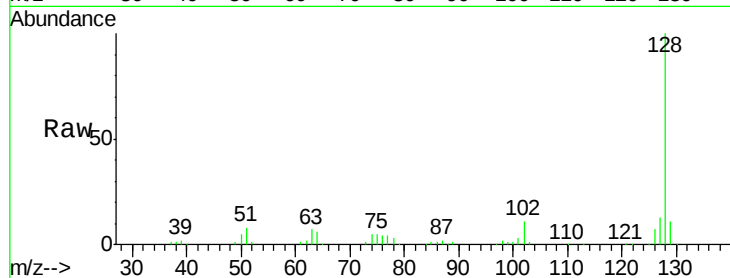




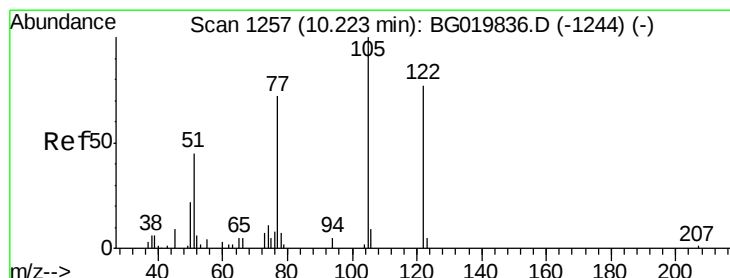
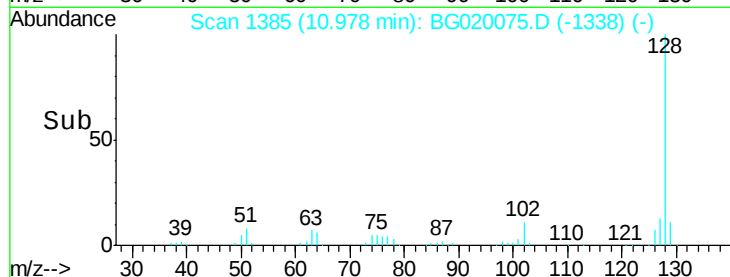
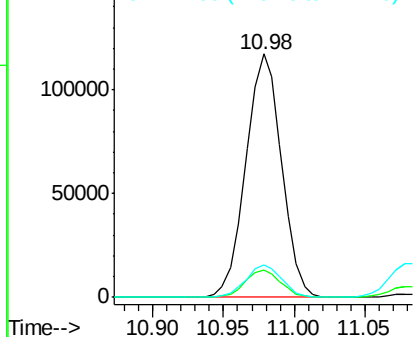
#31
Naphthalene
Concen: 46.84 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion:128 Resp: 207860
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.4 10.6 16.0

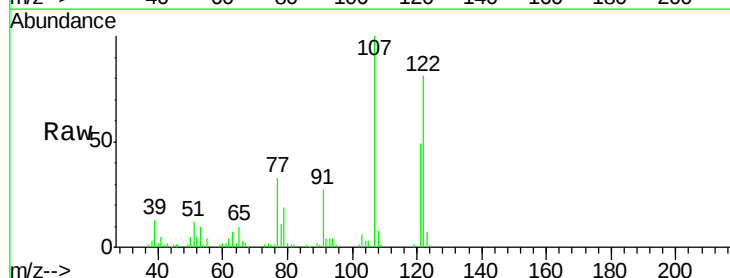


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

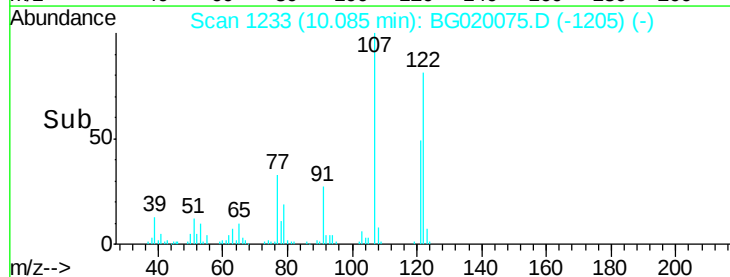
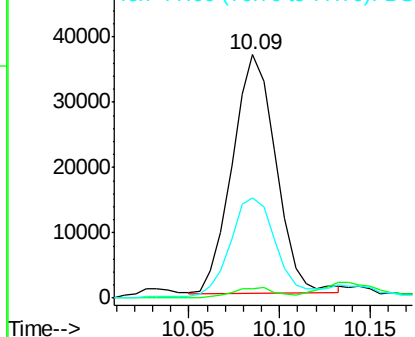


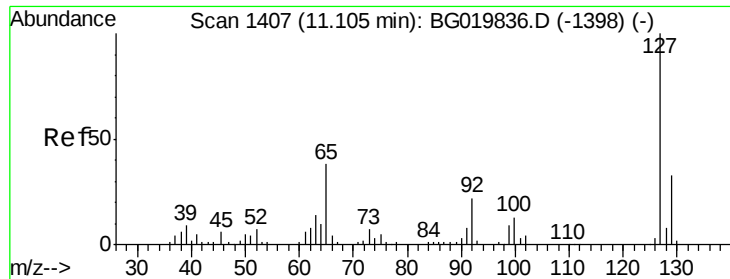
#32
Benzoic acid
Concen: 61.98 ng
RT: 10.09 min Scan# 1233
Delta R.T. -0.14 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:122 Resp: 61054
Ion Ratio Lower Upper
122 100
105 4.1 103.8 143.8#
77 41.3 68.8 108.8#



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

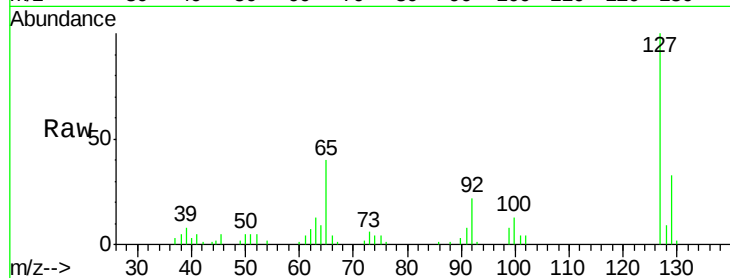




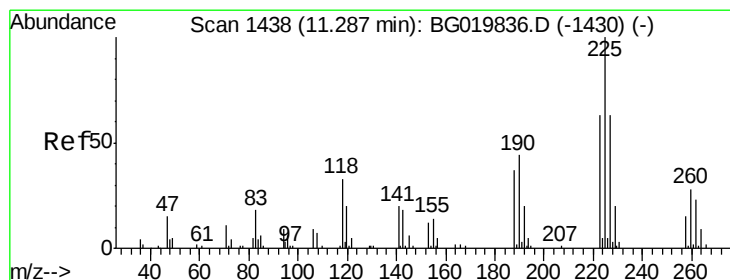
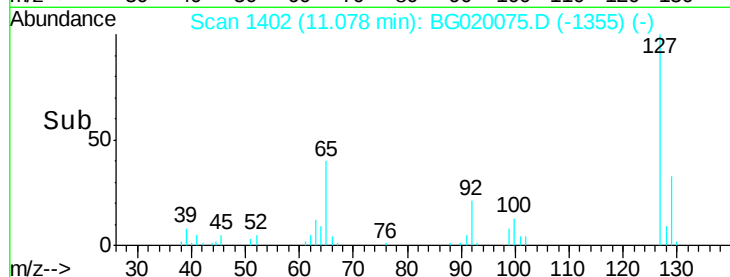
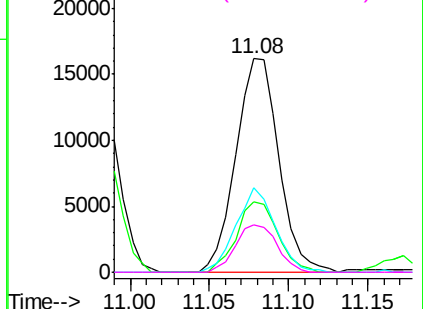
#33
4-Chloroaniline
Concen: 15.58 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion:	127	Resp:	30460
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.6	37.0
65	39.6	22.6	33.8#
92	22.1	15.1	22.7

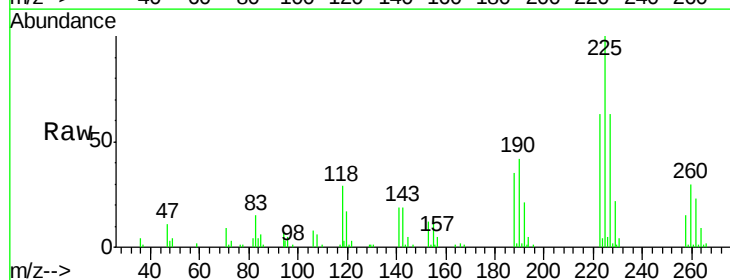


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

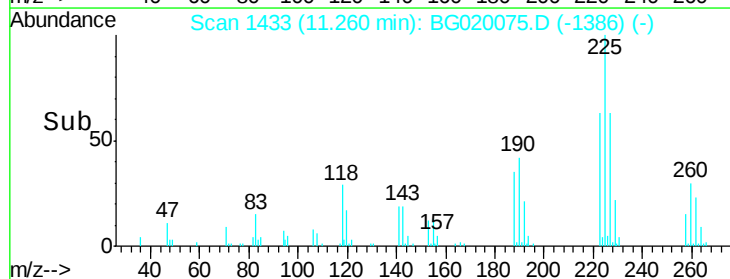
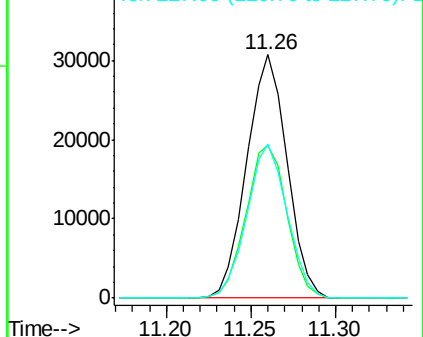


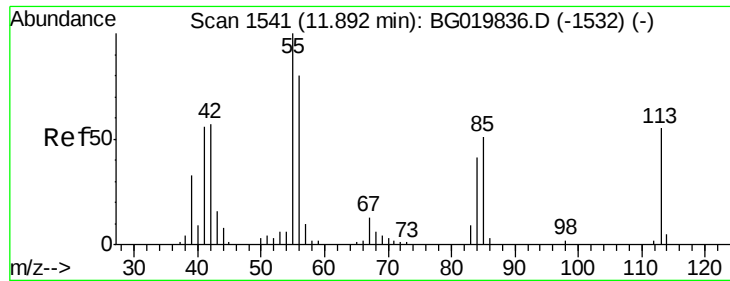
#34
Hexachlorobutadiene
Concen: 42.33 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:	225	Resp:	51042
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.4
227	63.1	51.8	77.8



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

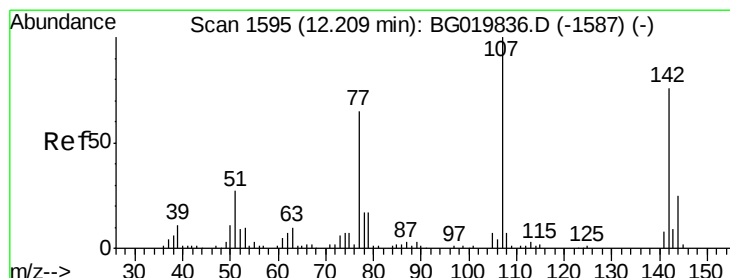
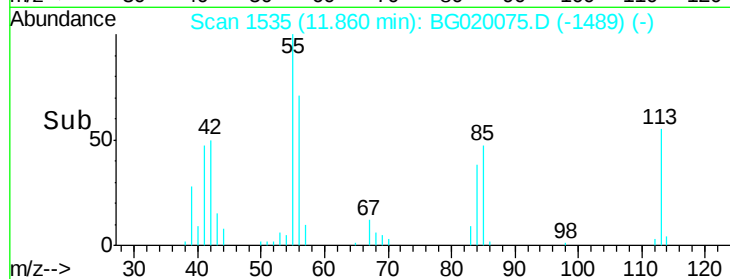
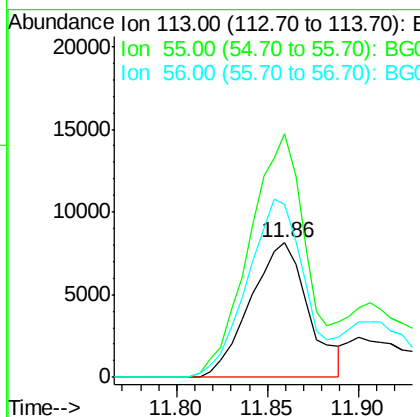
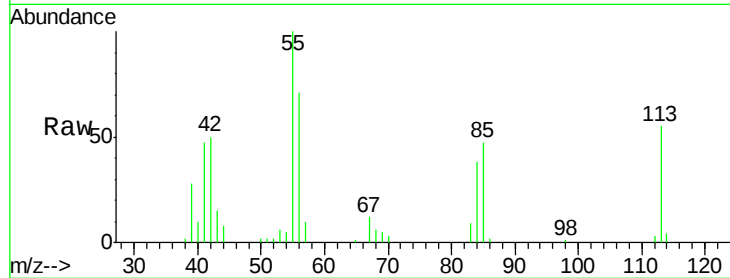




#35
 Caprolactam
 Concen: 33.66 ng
 RT: 11.86 min Scan# 1535
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

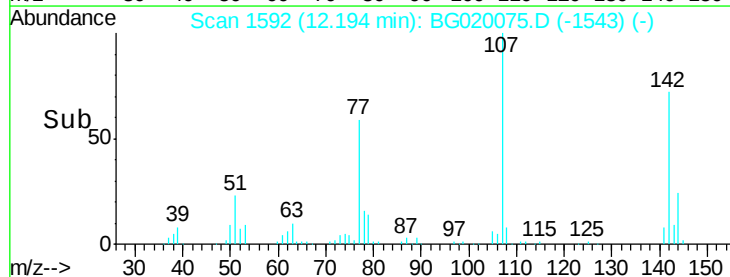
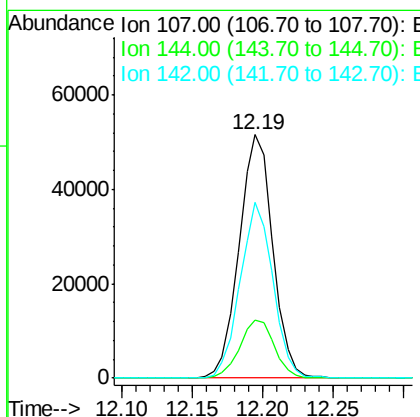
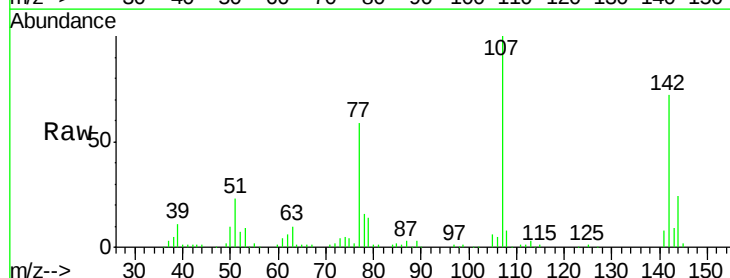
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

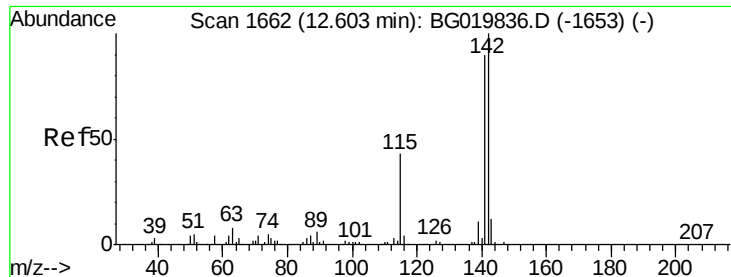
Tgt Ion:113 Resp: 18124
 Ion Ratio Lower Upper
 113 100
 55 181.1 135.0 175.0#
 56 128.5 83.4 123.4#



#36
 4-Chloro-3-methylphenol
 Concen: 47.69 ng
 RT: 12.19 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion:107 Resp: 85911
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.6 31.0
 142 72.0 62.6 93.8

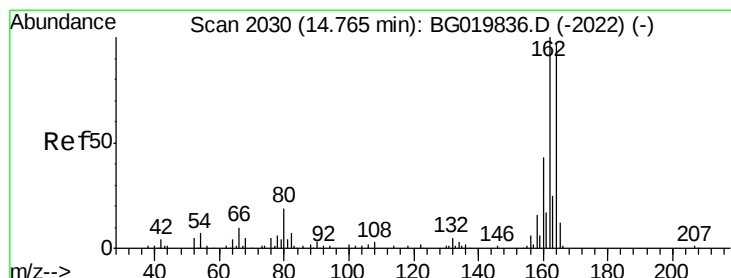
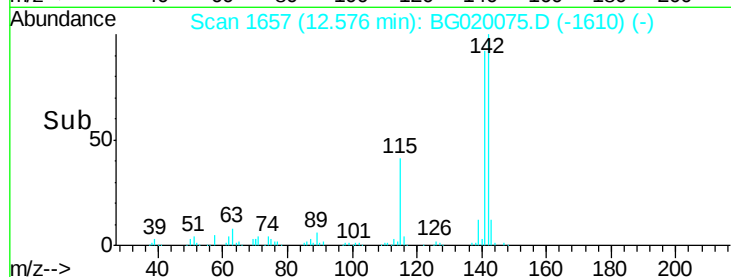
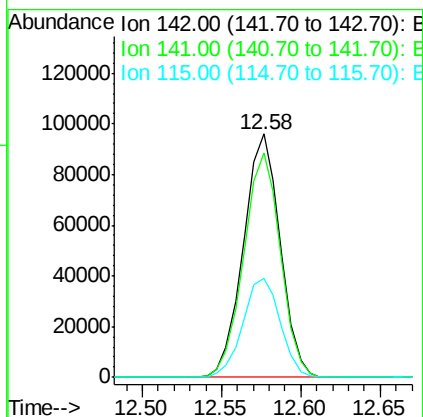
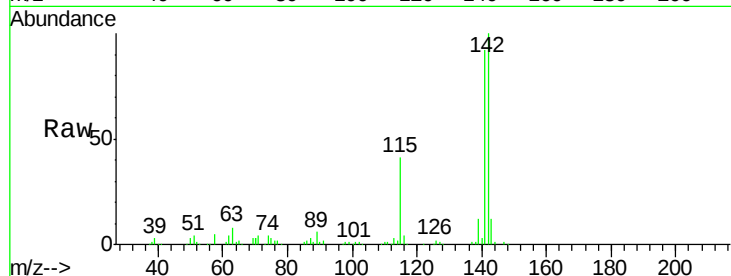




#37
2-Methylnaphthalene
Concen: 47.55 ng
RT: 12.58 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

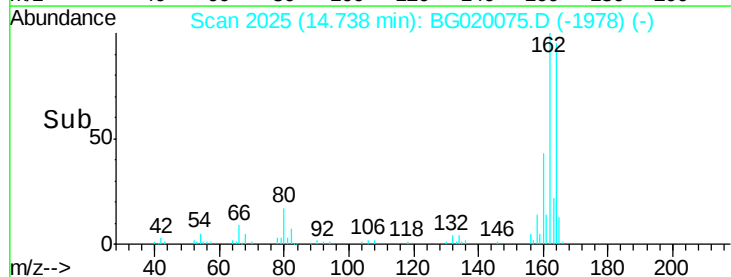
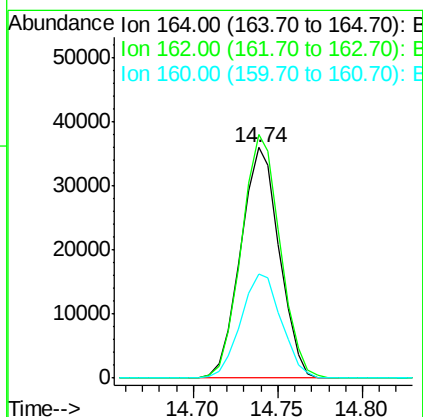
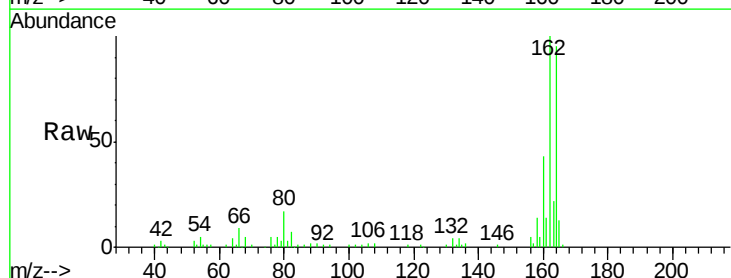
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

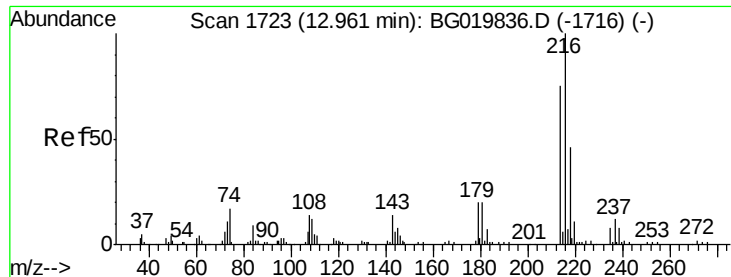
Tgt Ion:142 Resp: 154624
Ion Ratio Lower Upper
142 100
141 92.4 74.6 112.0
115 40.9 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:164 Resp: 57176
Ion Ratio Lower Upper
164 100
162 105.8 78.8 118.2
160 45.1 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.43 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

Tgt Ion:216 Resp: 100750

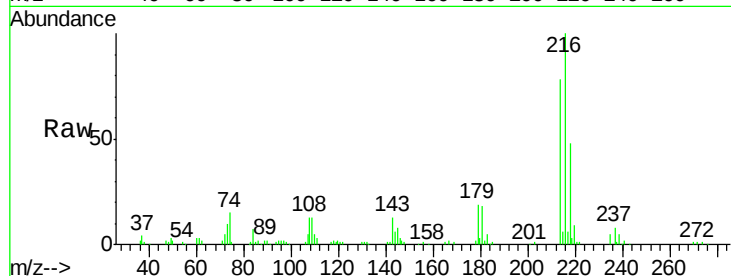
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 19.4 15.6 23.4

108 16.4 13.3 19.9

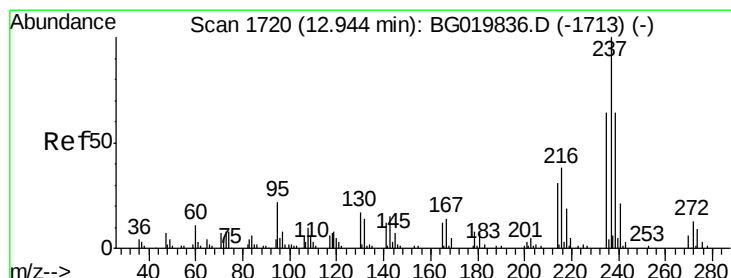
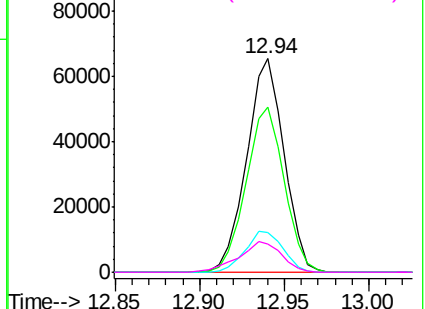
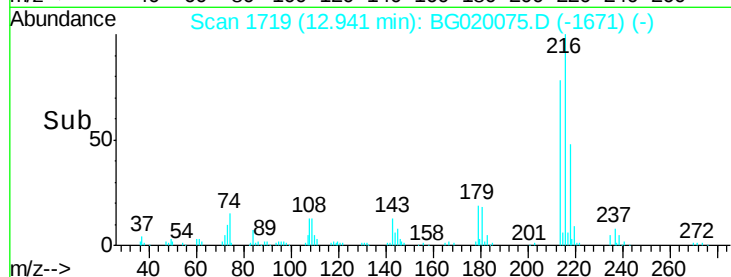


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.03 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

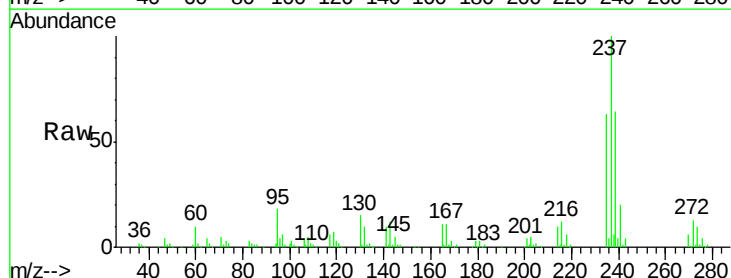
Tgt Ion:237 Resp: 95305

Ion Ratio Lower Upper

237 100

235 63.3 44.6 84.6

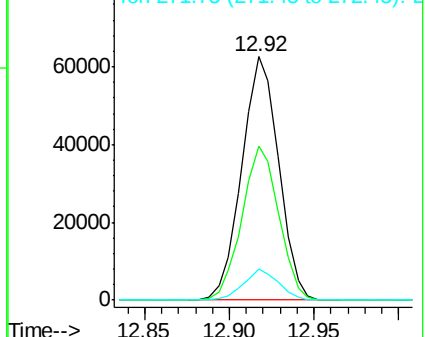
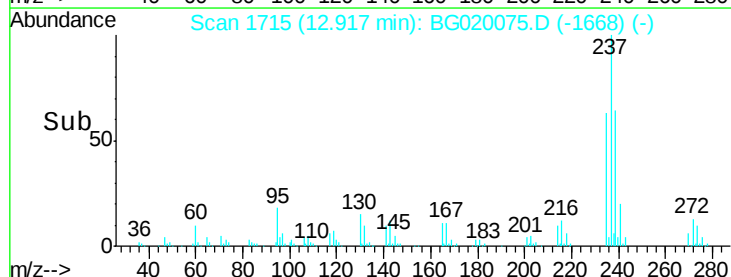
272 12.6 0.0 32.8

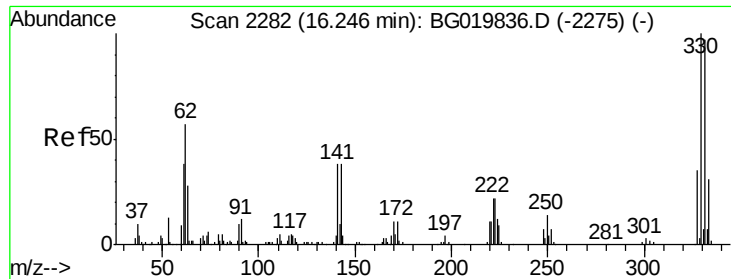


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

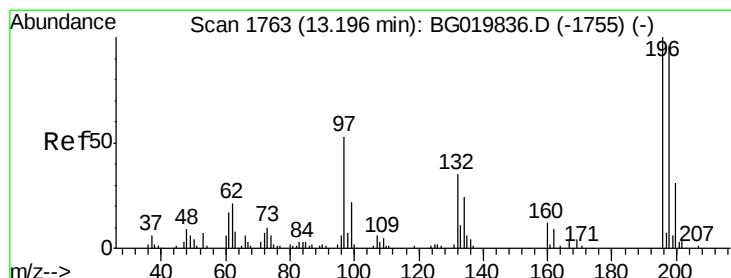
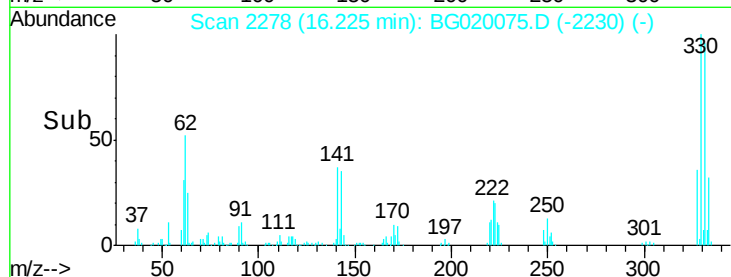
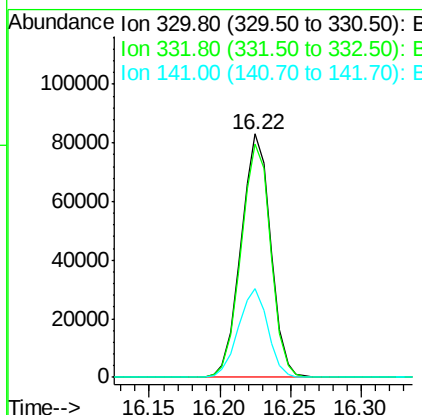
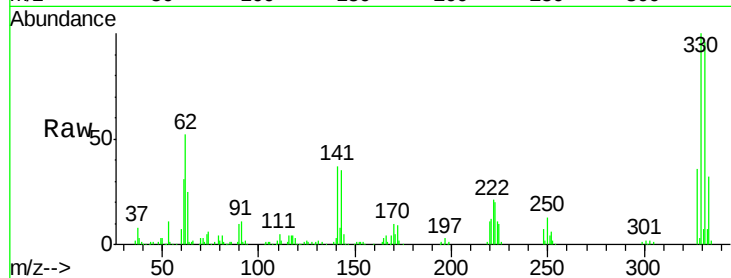




#41
 2,4,6-Tribromophenol
 Concen: 139.57 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

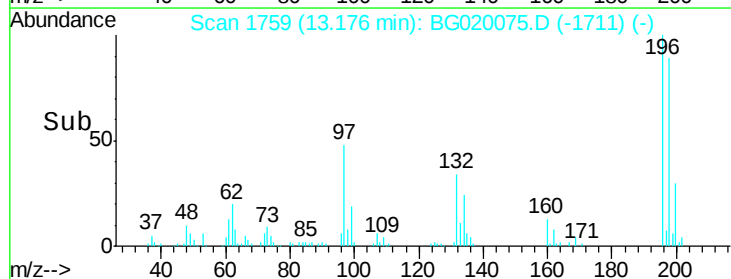
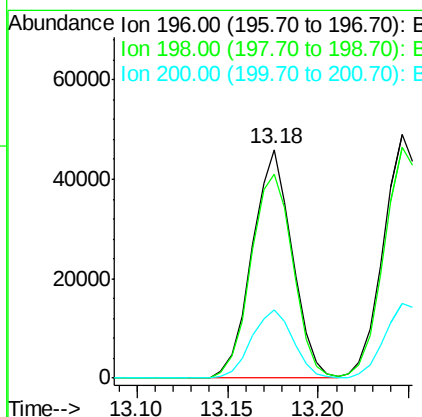
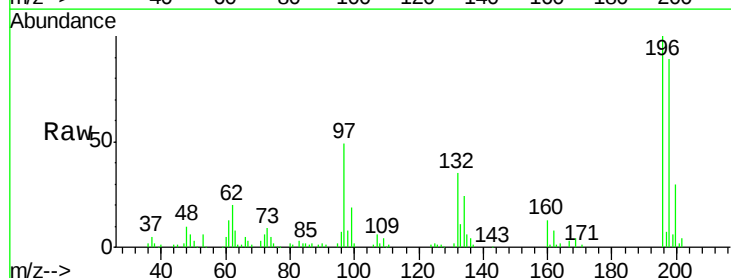
Instrument :
 BNA_F
 ClientSampled :
 S8-14.5MSD

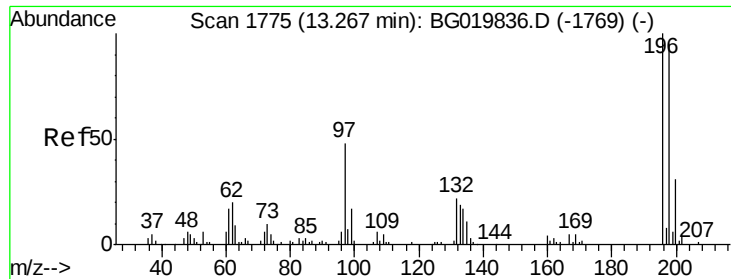
Tgt Ion:330 Resp: 122098
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.1 117.1
 141 36.3 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.18 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion:196 Resp: 70596
 Ion Ratio Lower Upper
 196 100
 198 89.3 74.7 112.1
 200 29.7 24.1 36.1

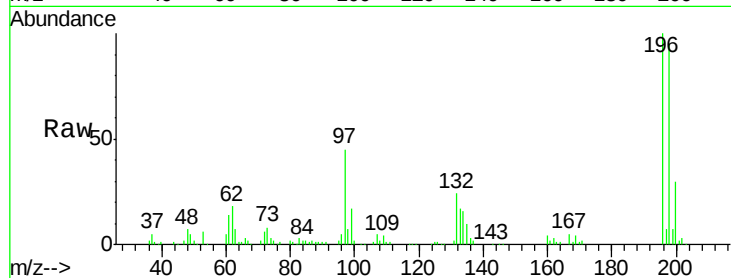




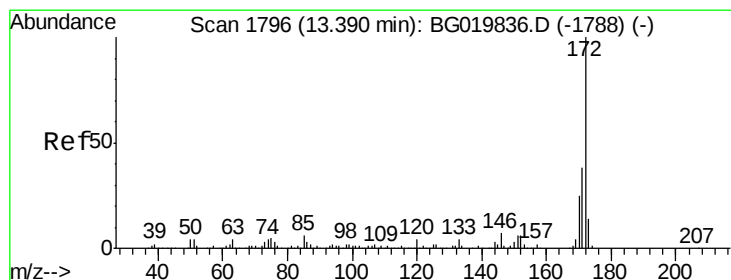
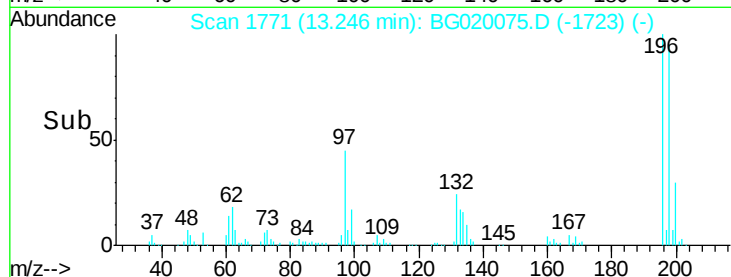
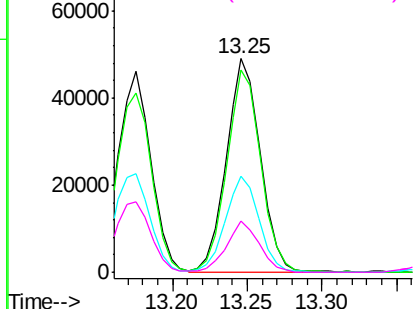
#43
2,4,5-Trichlorophenol
Concen: 51.38 ng
RT: 13.25 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion:196 Resp: 78007
Ion Ratio Lower Upper
196 100
198 94.7 75.2 112.8
97 45.2 34.2 51.2
132 23.9 21.8 32.6

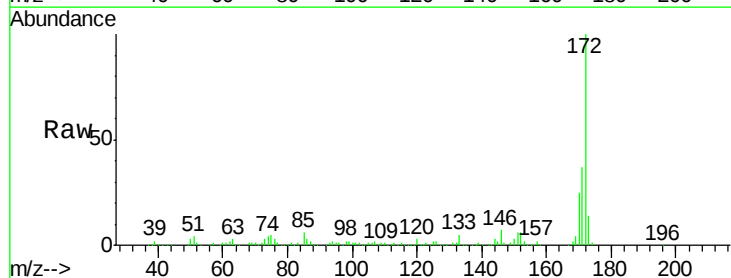


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

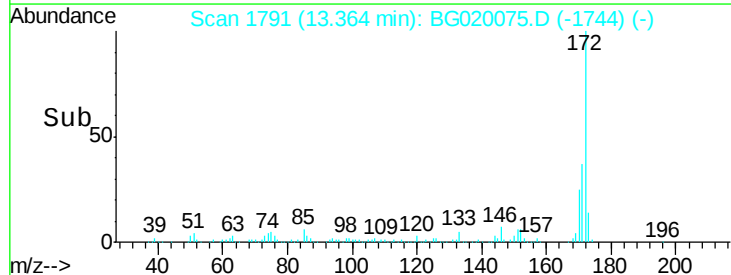
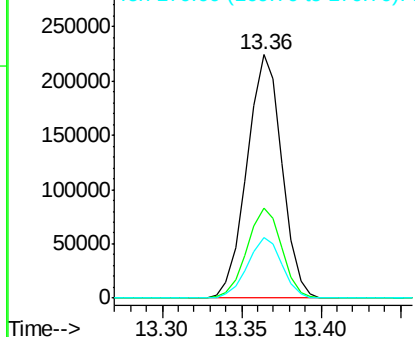


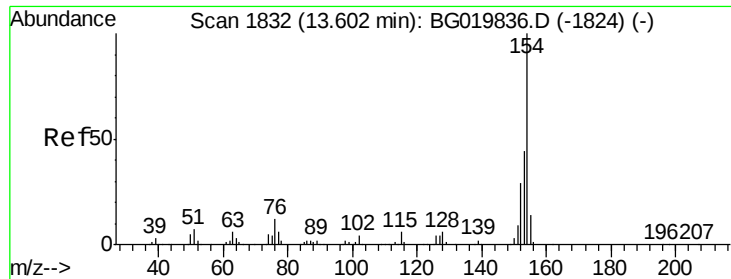
#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:172 Resp: 343648
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.7 19.9 29.9



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

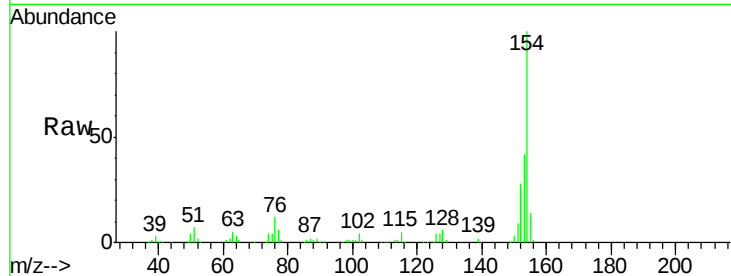




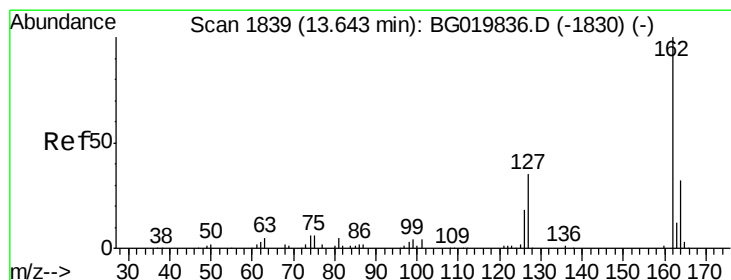
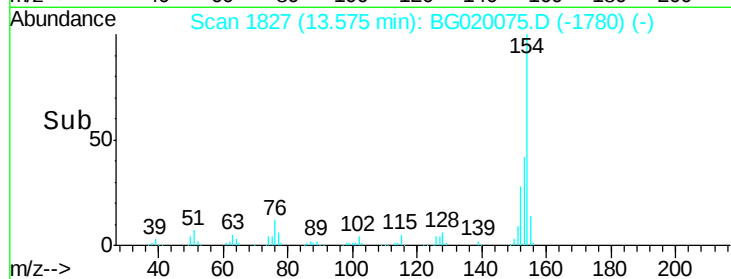
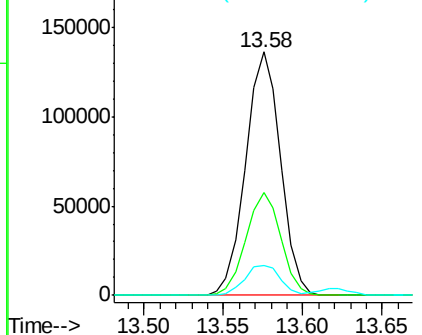
#45
 1,1'-Biphenyl
 Concen: 44.35 ng
 RT: 13.58 min Scan# 1827
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

Tgt Ion:	154	Resp:	208095
Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	12.4	0.0	33.2

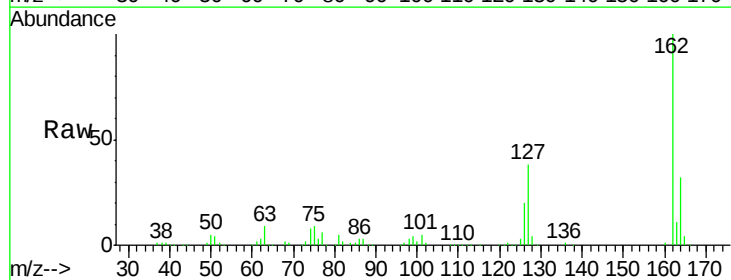


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

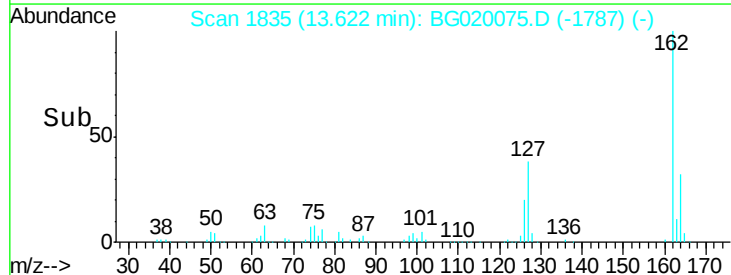
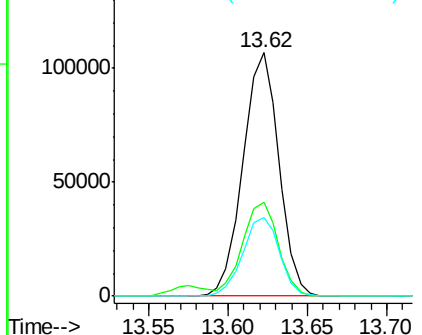


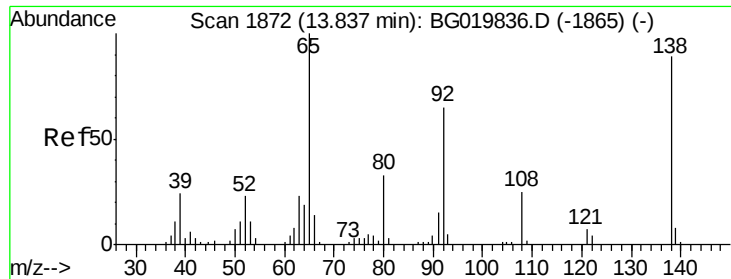
#46
 2-Chloronaphthalene
 Concen: 46.46 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion:	162	Resp:	168042
Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.3	42.5
164	32.4	27.4	41.0



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

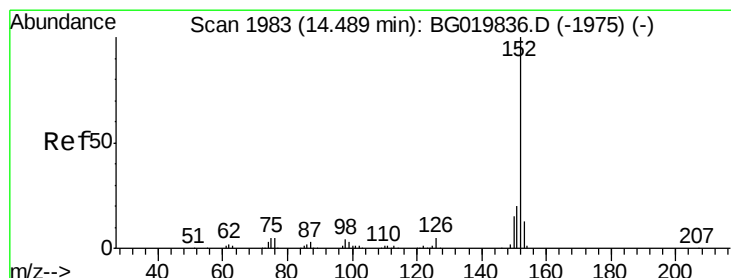
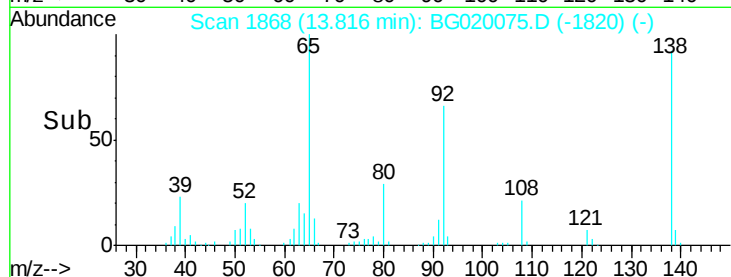
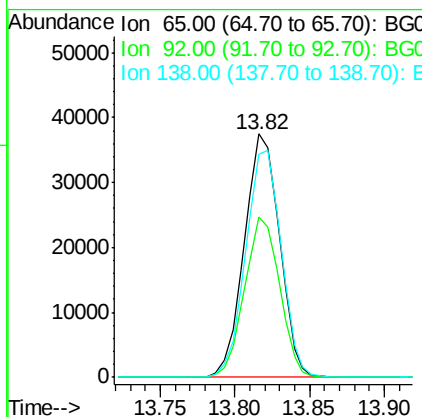
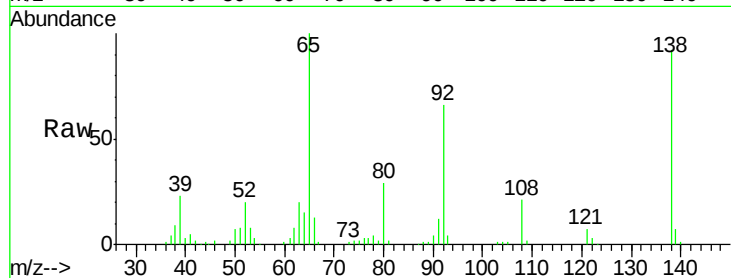




#47
2-Nitroaniline
Concen: 53.58 ng
RT: 13.82 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

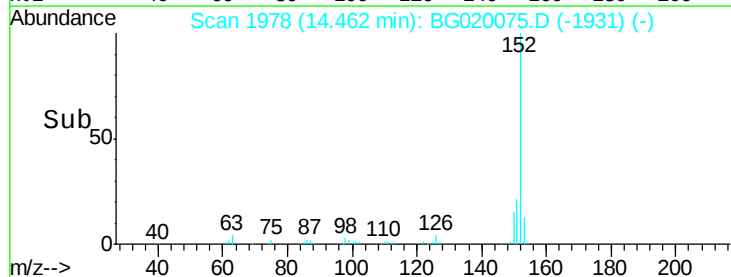
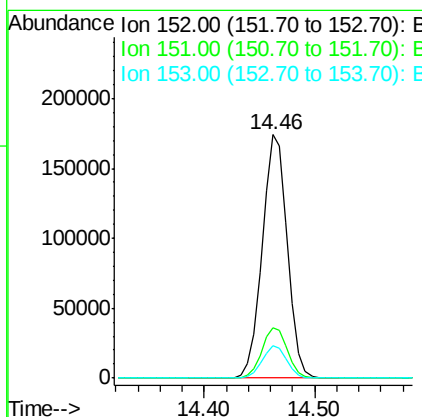
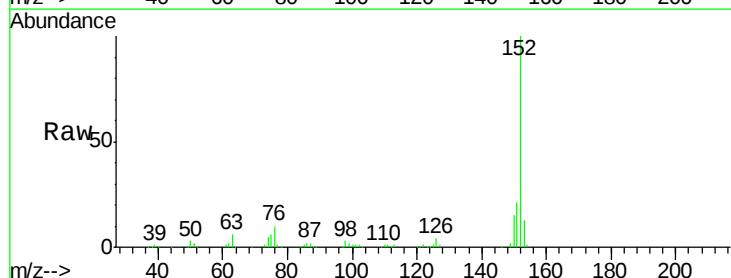
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

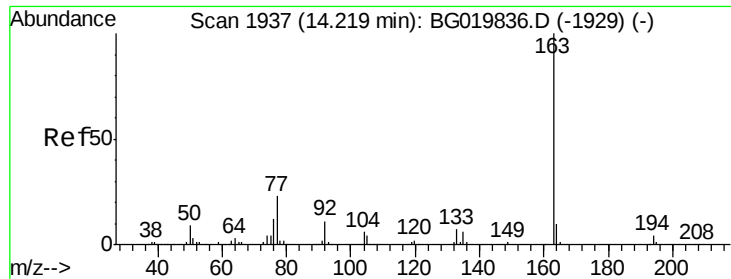
Tgt Ion: 65 Resp: 61209
Ion Ratio Lower Upper
65 100
92 65.9 54.8 82.2
138 91.8 89.6 134.4



#48
Acenaphthylene
Concen: 44.85 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion: 152 Resp: 276300
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 62.92 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

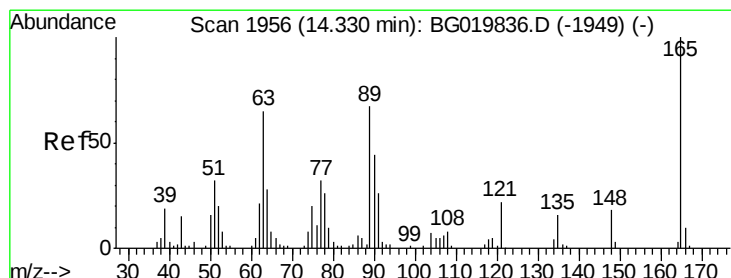
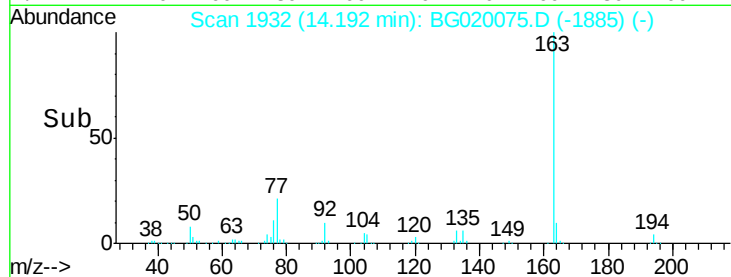
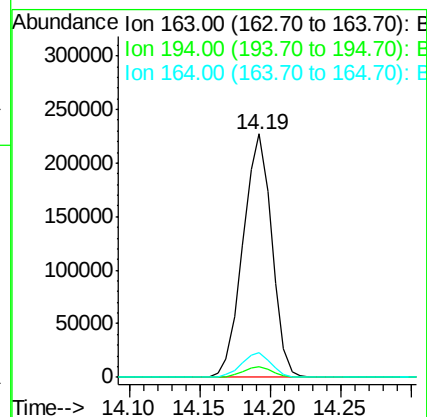
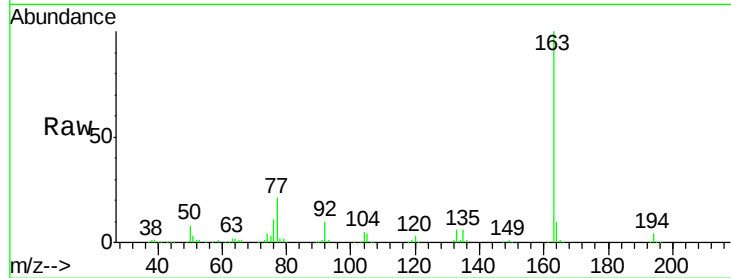
Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

Tgt Ion:	163	Resp:	323617
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.3	8.8	13.2



#50

2,6-Dinitrotoluene

Concen: 52.02 ng

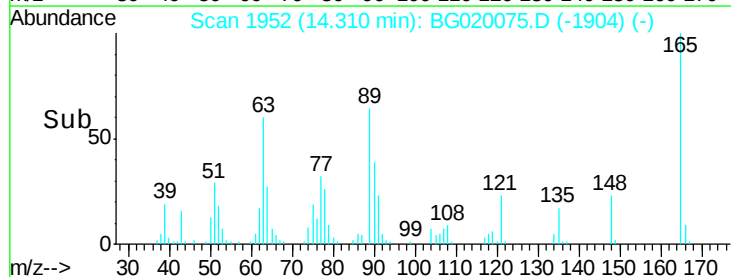
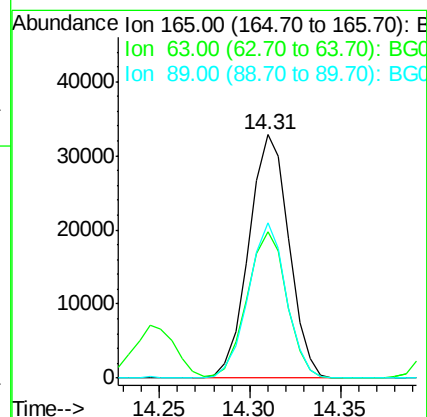
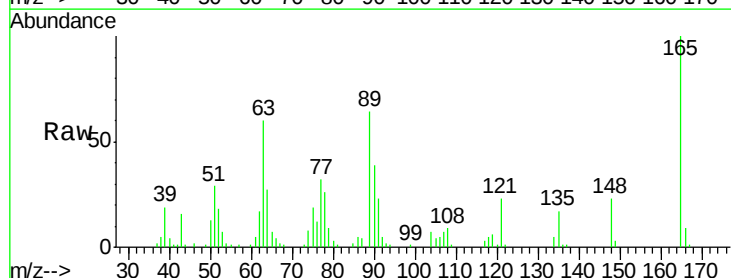
RT: 14.31 min Scan# 1952

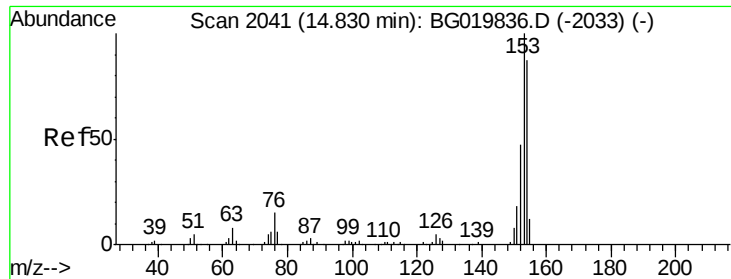
Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Tgt Ion:	165	Resp:	50303
Ion Ratio	Lower	Upper	
165	100		
63	60.1	35.7	53.5#
89	63.9	39.7	59.5#





#51

Acenaphthene

Concen: 44.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

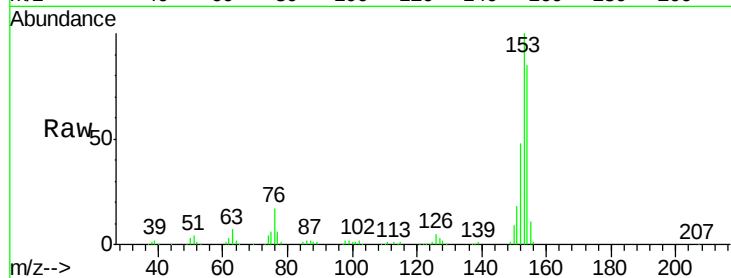
Tgt Ion:154 Resp: 164466

Ion Ratio Lower Upper

154 100

153 117.5 92.9 139.3

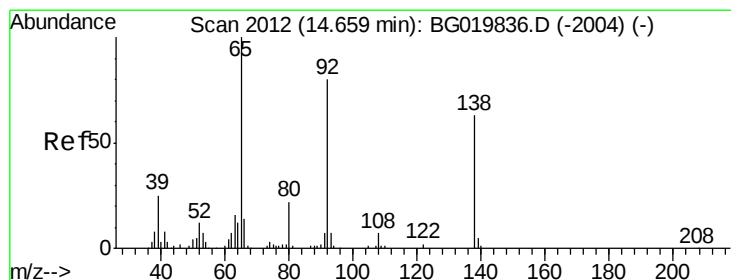
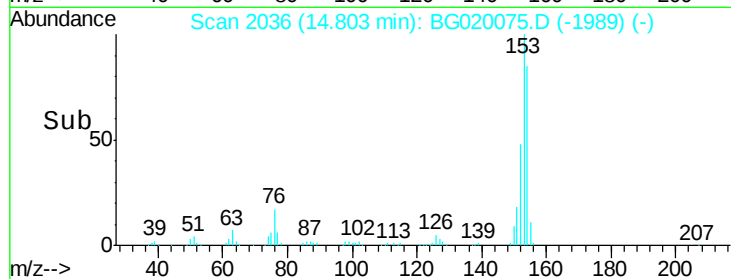
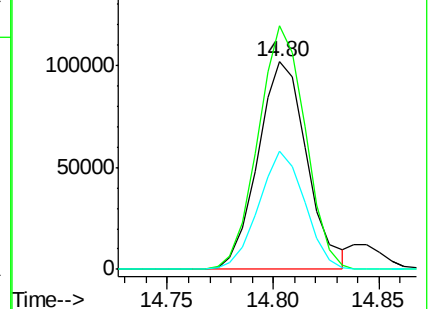
152 56.8 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.39 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

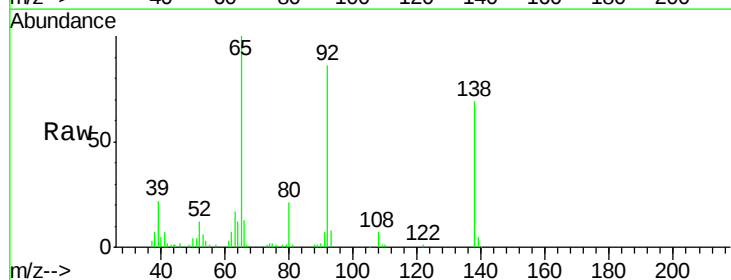
Tgt Ion:138 Resp: 35550

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

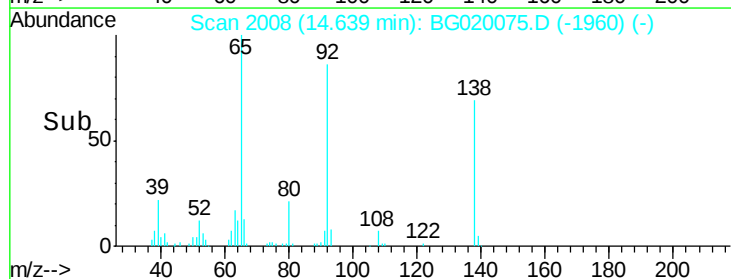
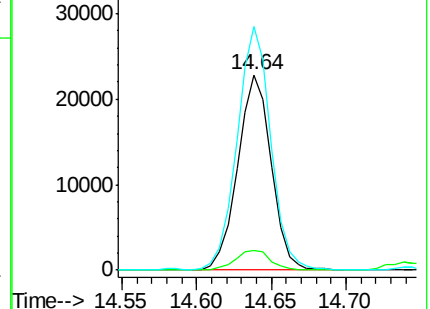
92 124.9 94.2 141.4

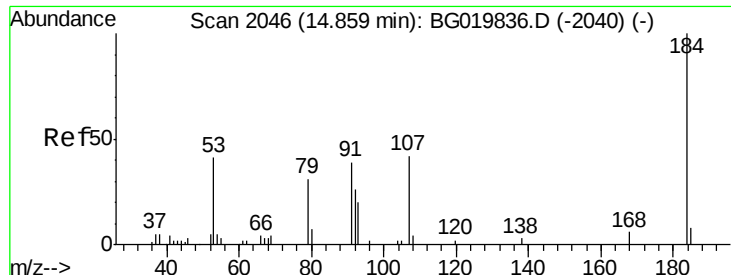


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

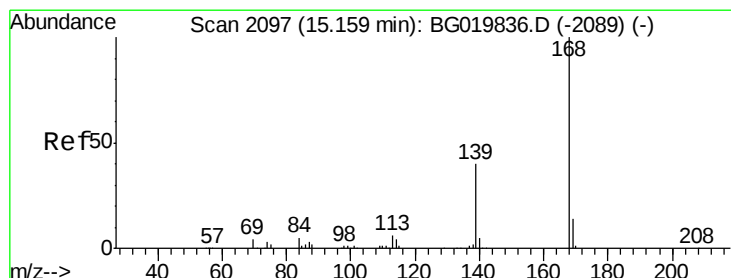
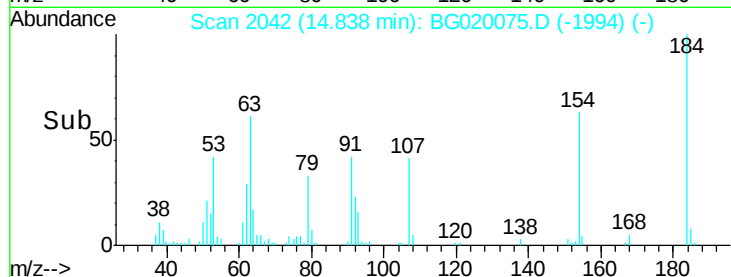
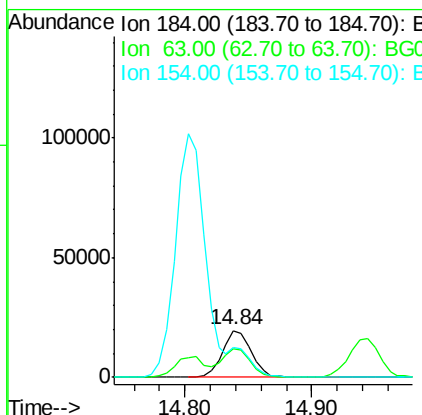
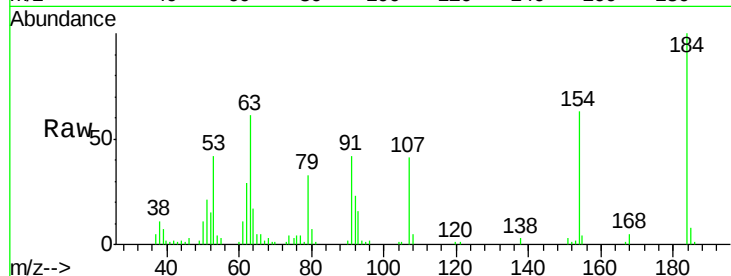




#53
2,4-Dinitrophenol
Concen: 62.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

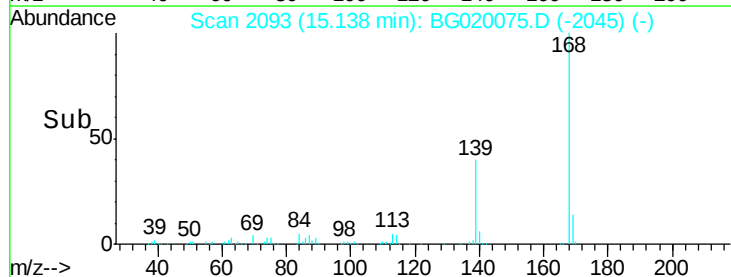
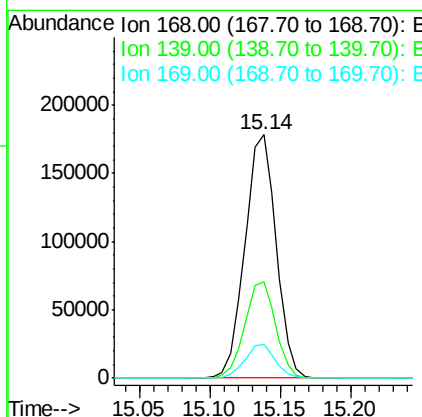
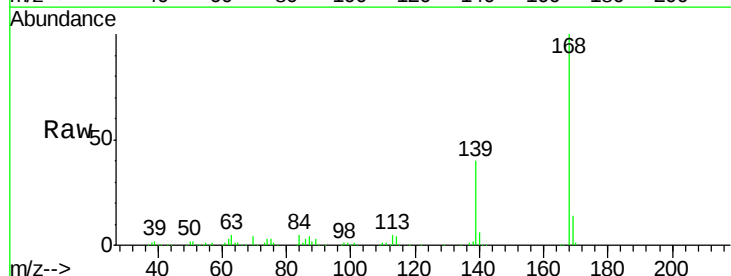
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

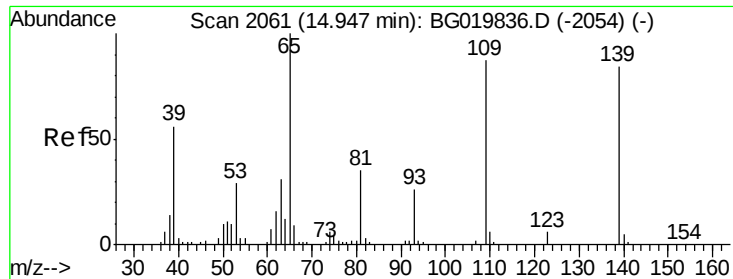
Tgt Ion:184 Resp: 30688
Ion Ratio Lower Upper
184 100
63 61.4 42.7 64.1
154 63.3 44.3 66.5



#54
Dibenzofuran
Concen: 49.68 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:168 Resp: 276301
Ion Ratio Lower Upper
168 100
139 39.5 27.4 41.0
169 13.7 11.0 16.4

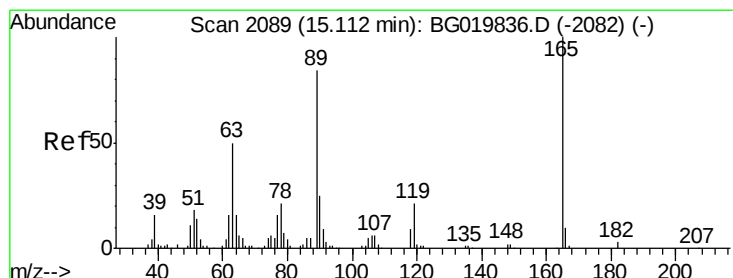
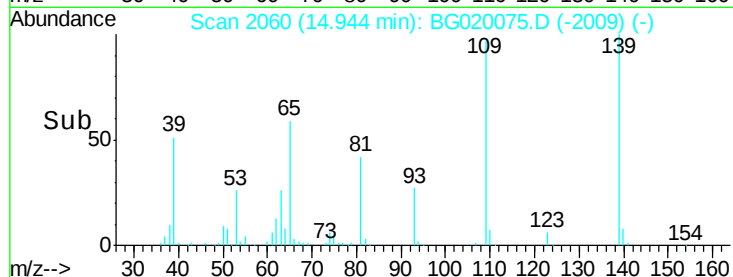
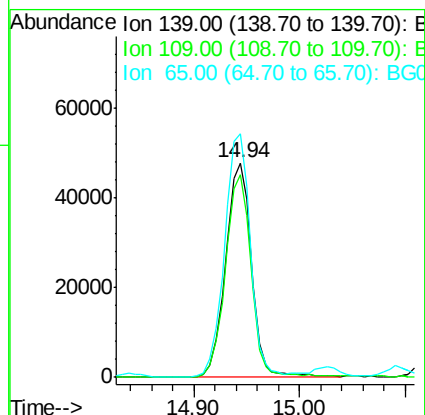
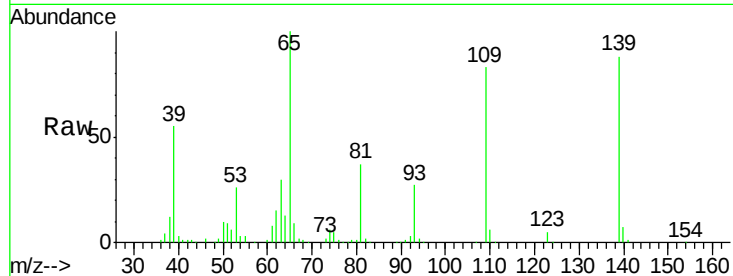




#55
4-Nitrophenol
Concen: 92.75 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

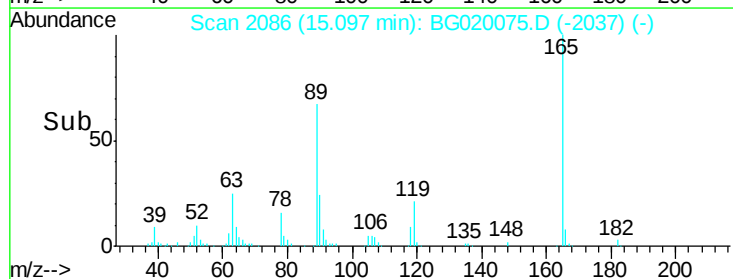
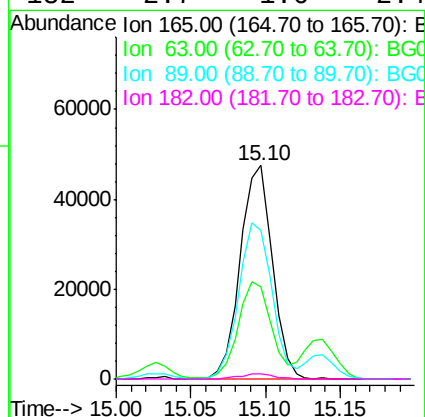
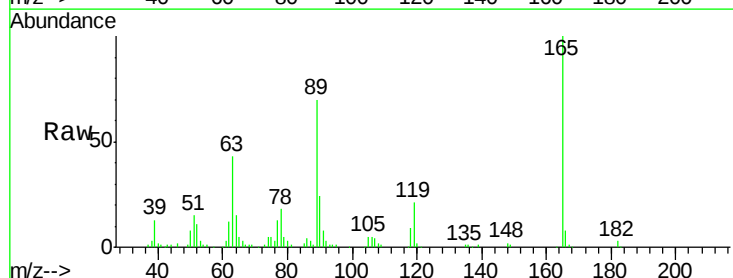
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

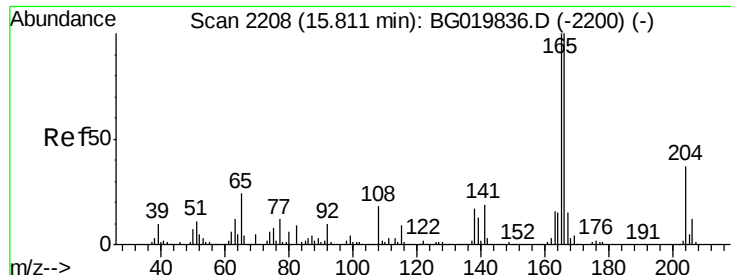
Tgt Ion:139 Resp: 81155
Ion Ratio Lower Upper
139 100
109 94.7 43.2 83.2#
65 113.4 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 52.54 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:165 Resp: 70888
Ion Ratio Lower Upper
165 100
63 43.1 31.0 46.4
89 69.8 54.4 81.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 43.89 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

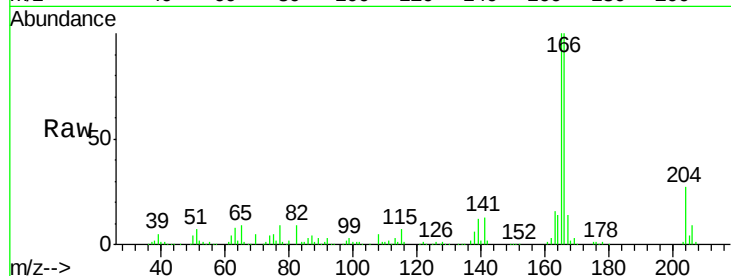
Tgt Ion:166 Resp: 218470

Ion Ratio Lower Upper

166 100

165 99.9 80.0 120.0

167 14.1 11.1 16.7

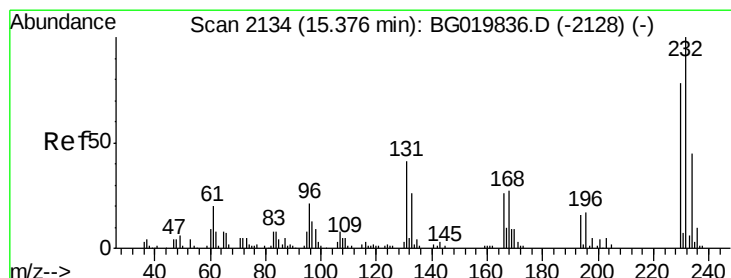
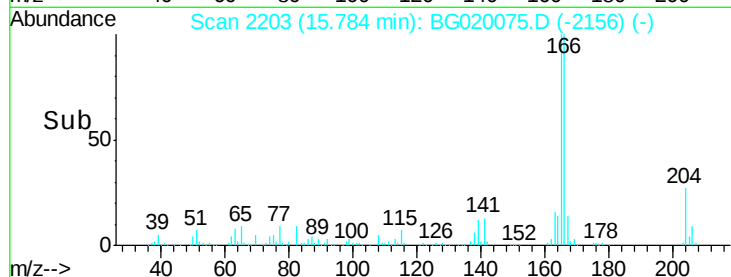
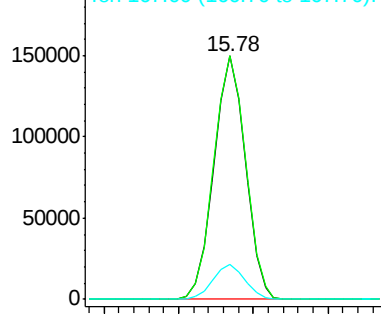


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.59 ng

RT: 15.36 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Tgt Ion:232 Resp: 73890

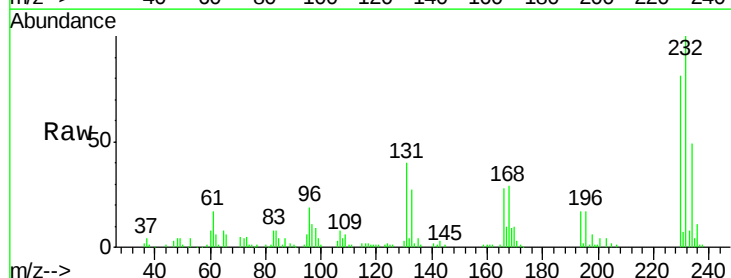
Ion Ratio Lower Upper

232 100

131 38.8 33.0 49.6

130 2.4 2.0 3.0

166 27.2 24.1 36.1



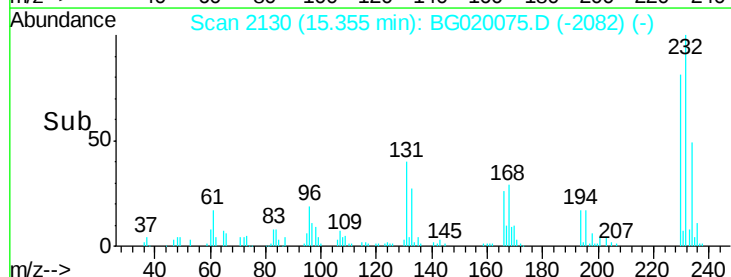
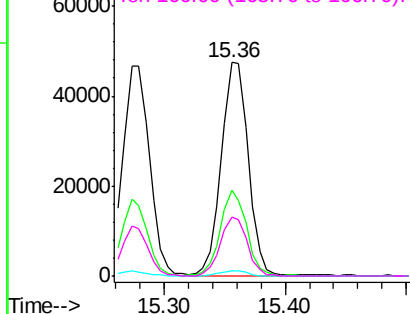
Abundance

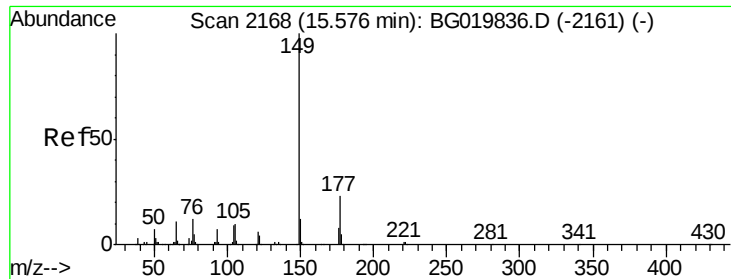
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

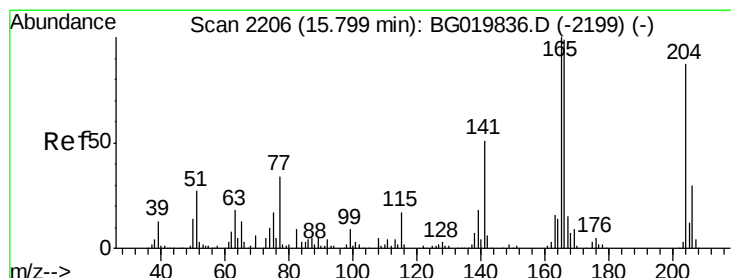
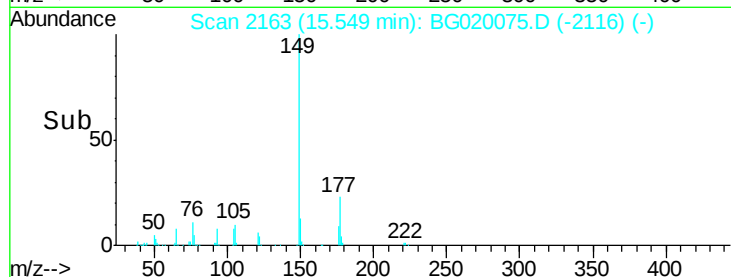
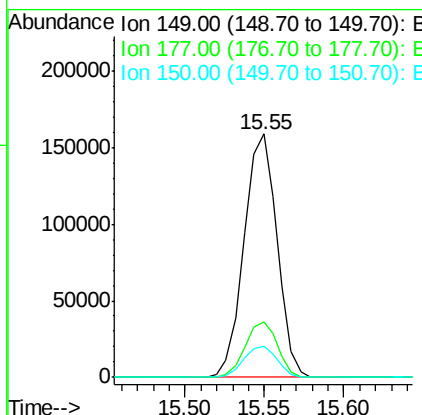
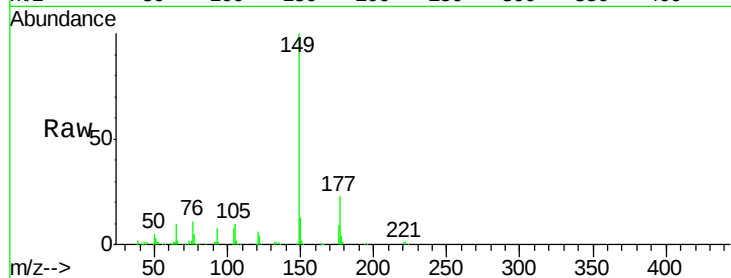




#59
Diethylphthalate
Concen: 41.15 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

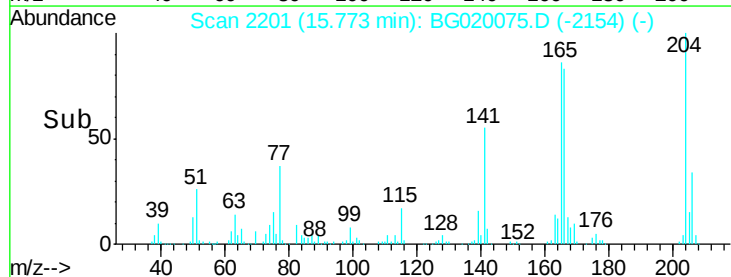
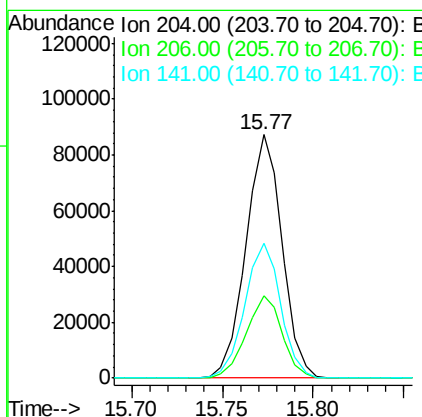
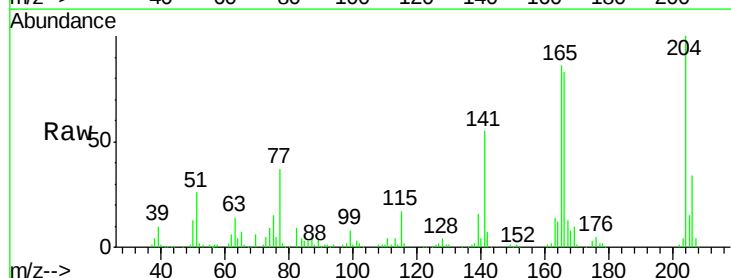
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

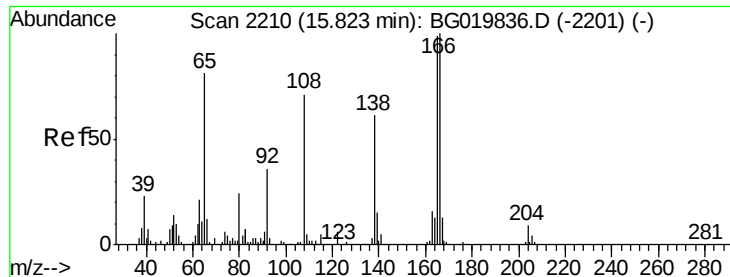
Tgt Ion:149 Resp: 229039
Ion Ratio Lower Upper
149 100
177 22.7 19.6 29.4
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.51 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:204 Resp: 121498
Ion Ratio Lower Upper
204 100
206 33.8 28.3 42.5
141 55.1 44.0 66.0

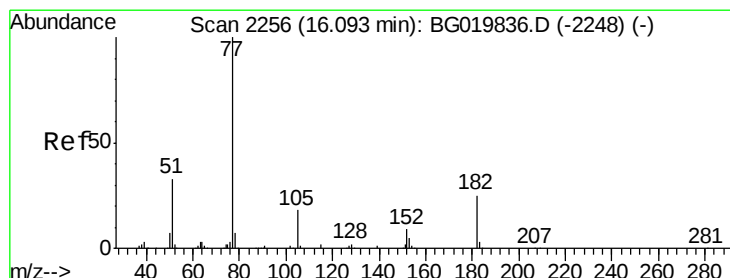
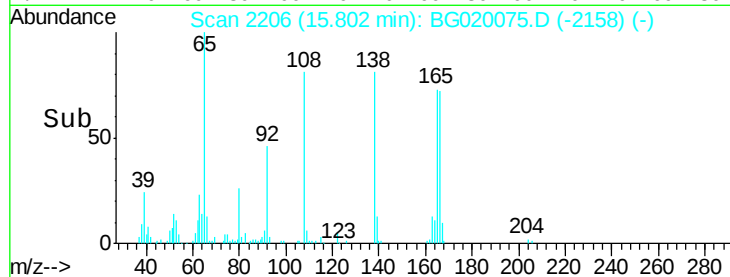
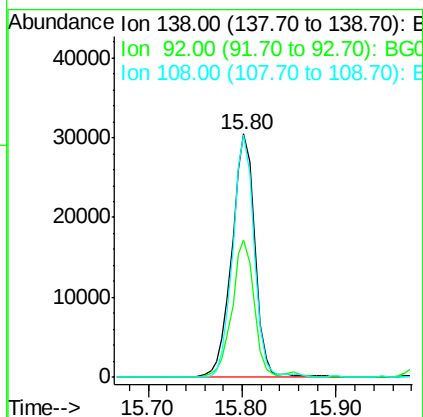
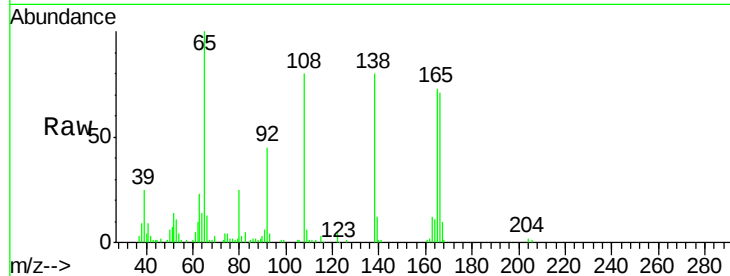




#61
4-Nitroaniline
Concen: 46.02 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

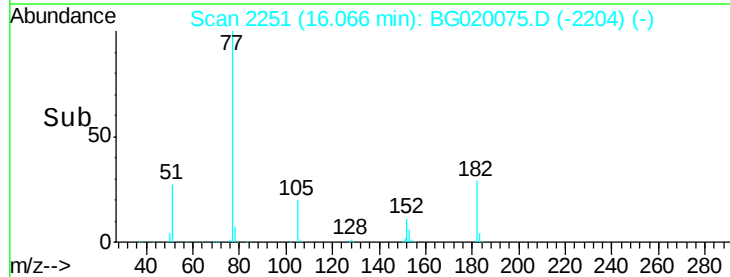
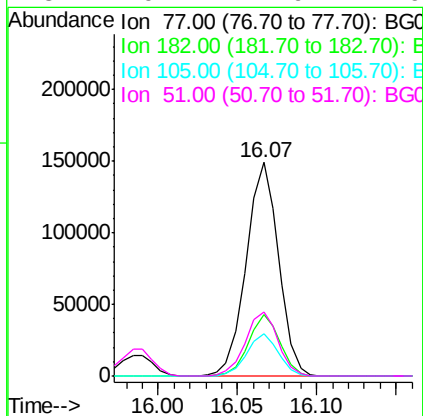
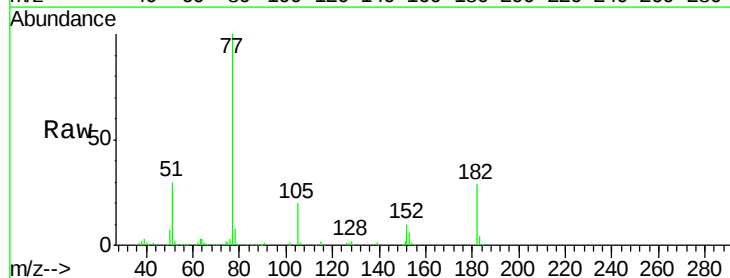
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

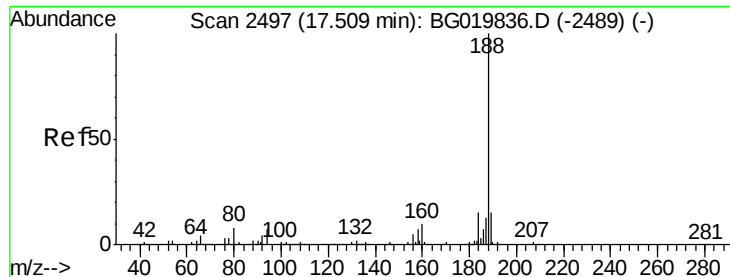
Tgt Ion: 138 Resp: 52002
Ion Ratio Lower Upper
138 100
92 56.6 29.1 69.1
108 99.8 49.8 89.8#



#62
Azobenzene
Concen: 45.49 ng
RT: 16.07 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion: 77 Resp: 210695
Ion Ratio Lower Upper
77 100
182 28.6 7.0 47.0
105 20.0 1.4 41.4
51 29.7 4.9 44.9

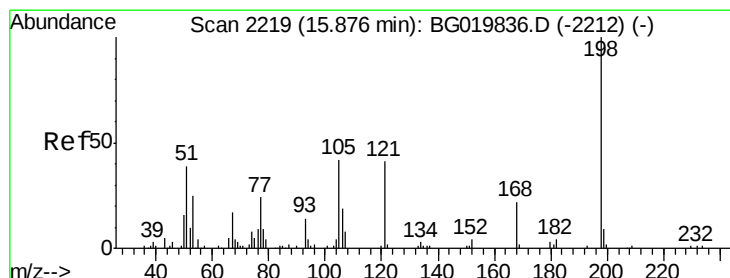
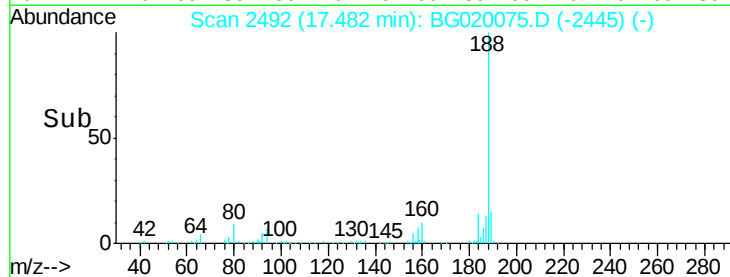
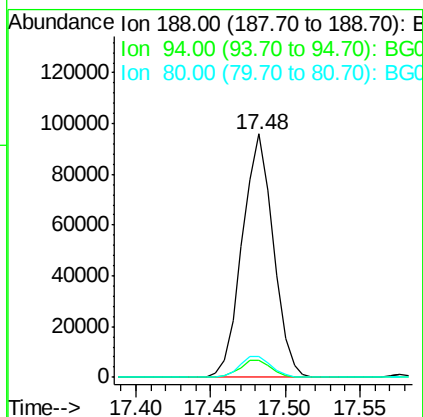
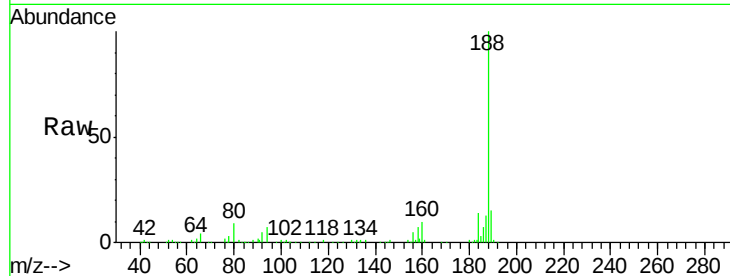




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

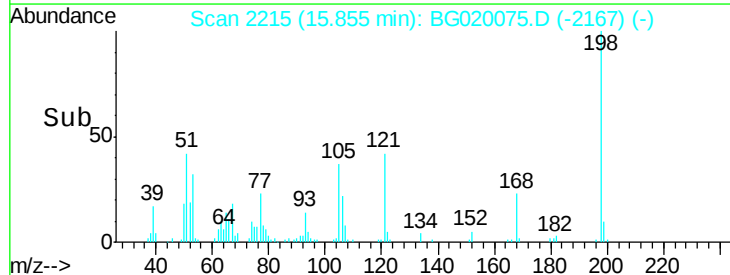
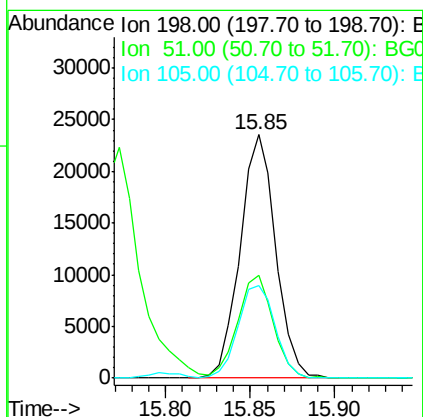
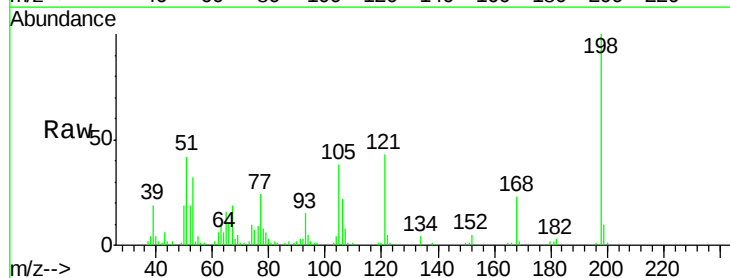
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

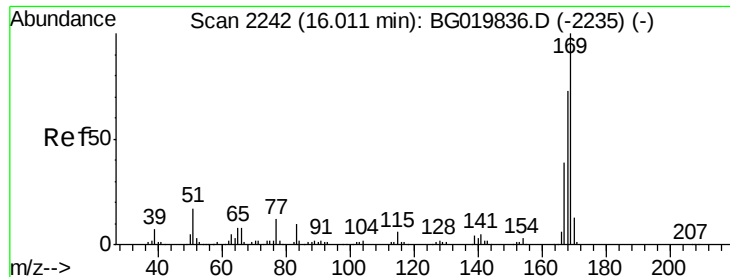
Tgt Ion:188 Resp: 137826
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 8.5 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.91 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:198 Resp: 34426
Ion Ratio Lower Upper
198 100
51 42.4 14.2 54.2
105 38.1 21.1 61.1

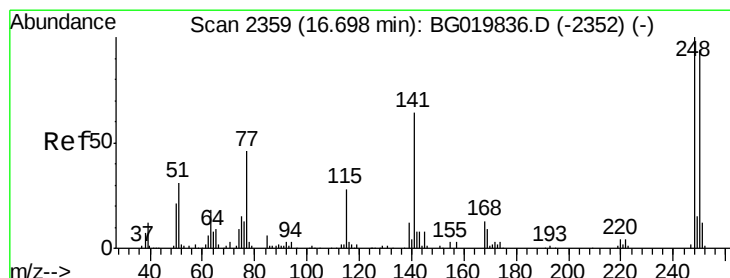
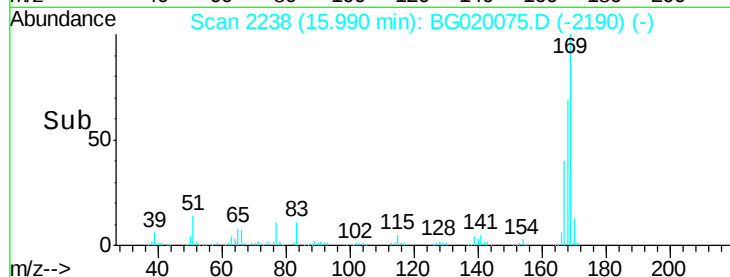
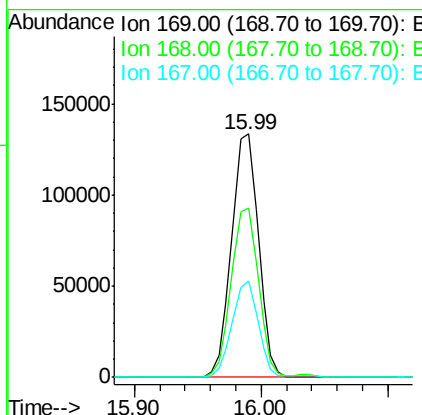
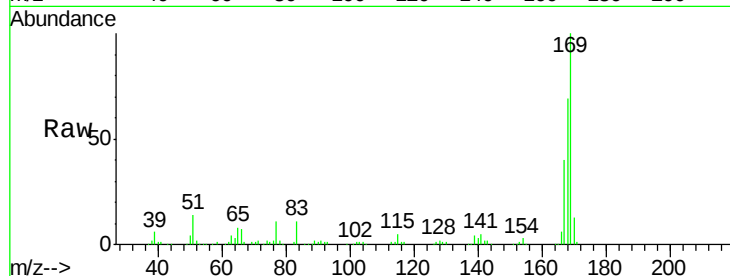




#65
n-Nitrosodiphenylamine
Concen: 49.18 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

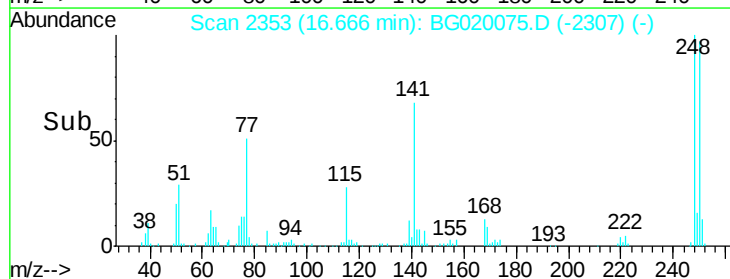
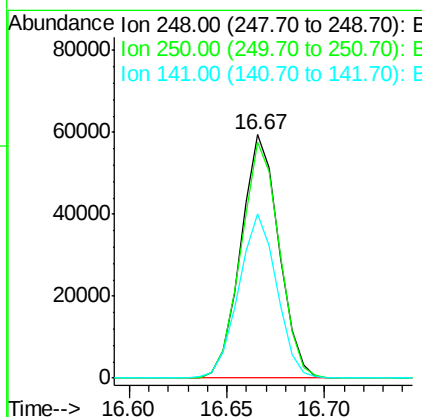
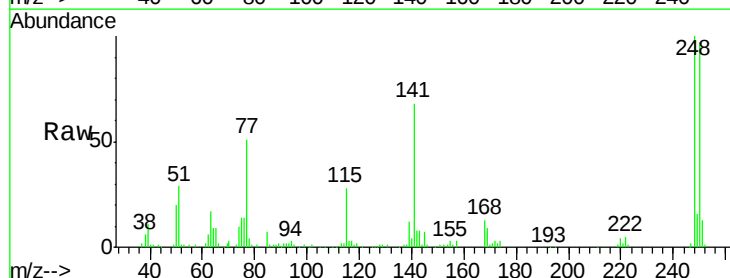
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

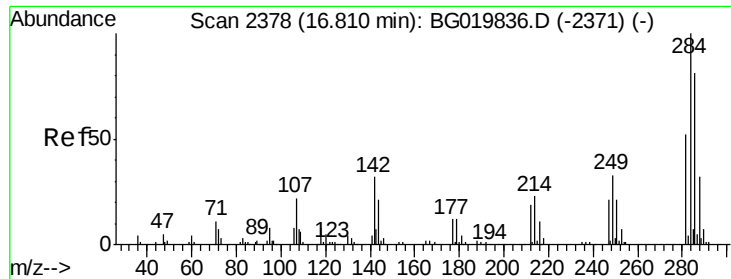
Tgt Ion:169 Resp: 196165
Ion Ratio Lower Upper
169 100
168 69.3 58.2 87.2
167 39.6 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 46.60 ng
RT: 16.67 min Scan# 2353
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion:248 Resp: 79812
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 67.7 50.4 75.6

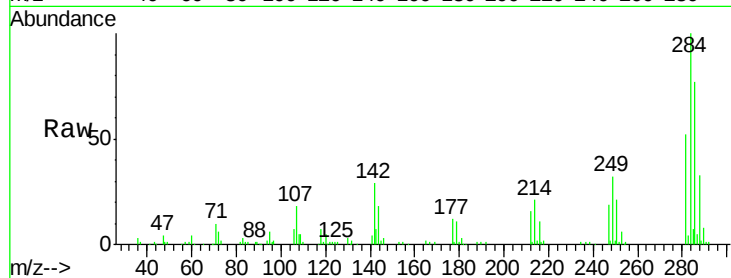




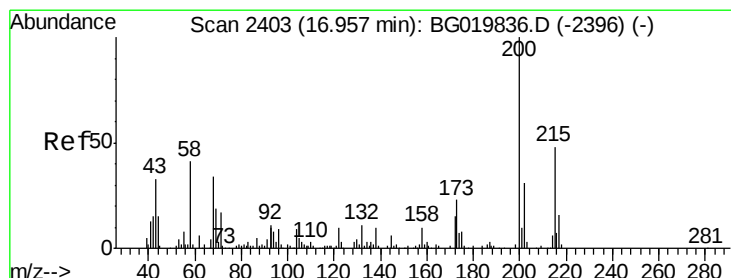
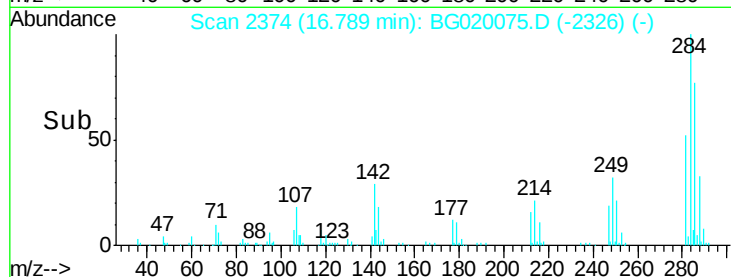
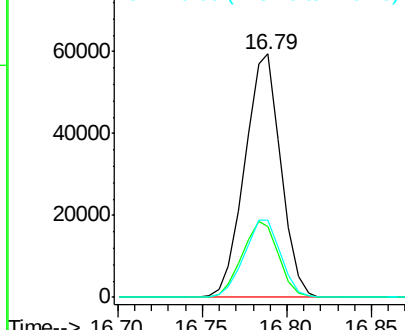
#67
Hexachlorobenzene
Concen: 49.28 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	26.6	39.8
249	31.8	26.2	39.2

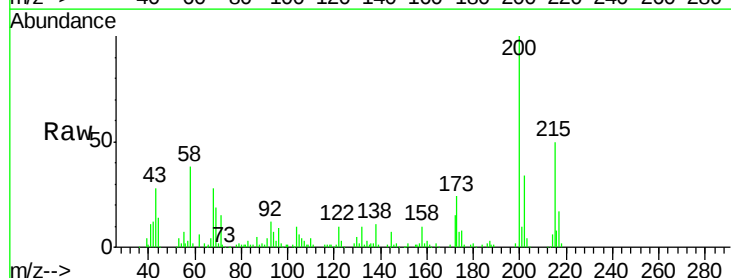


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

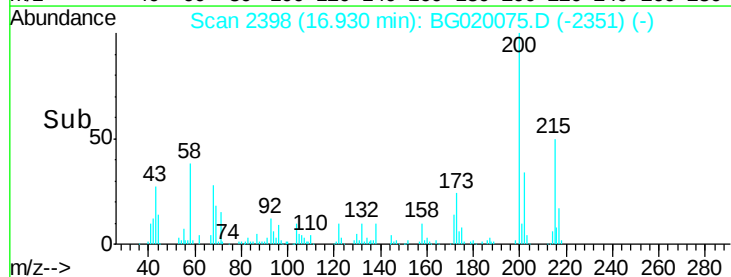
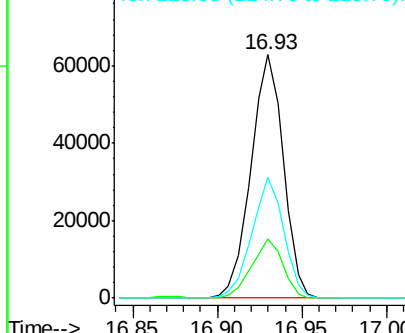


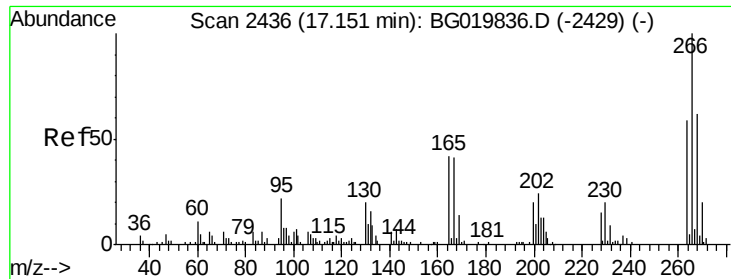
#68
Atrazine
Concen: 48.53 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.2	45.2
215	49.8	27.0	67.0



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

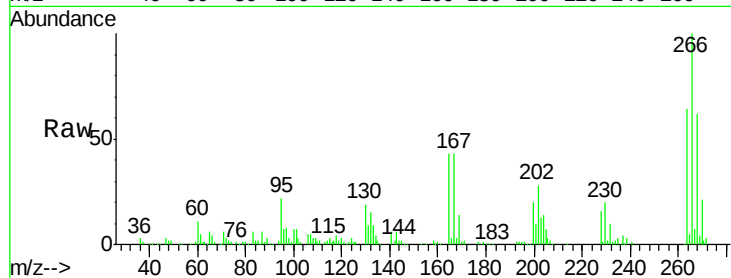




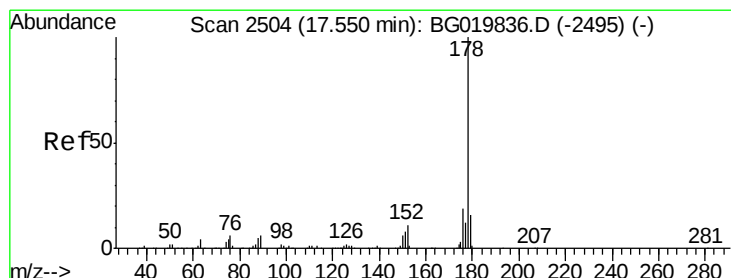
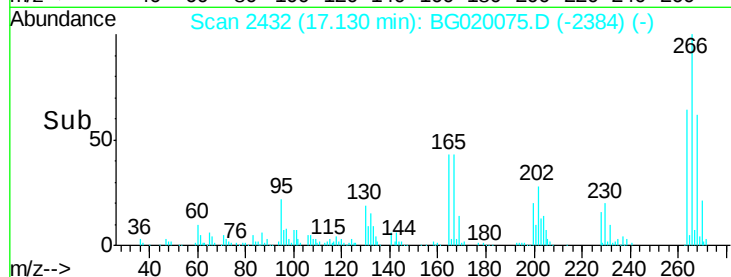
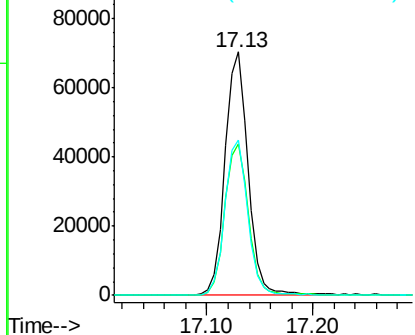
#69
 Pentachlorophenol
 Concen: 102.18 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	47.6	71.4
264	63.5	48.1	72.1

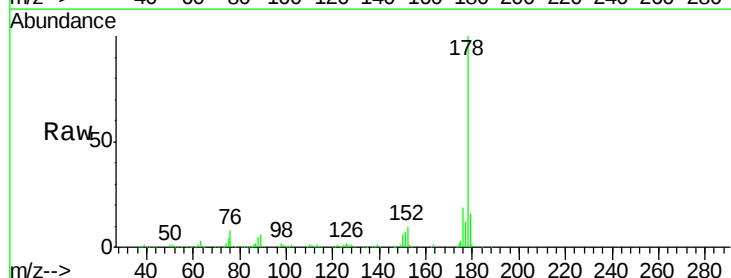


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

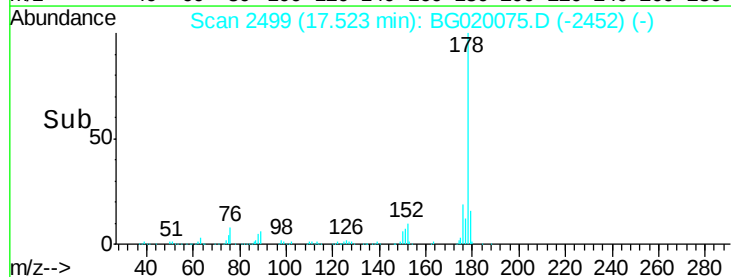
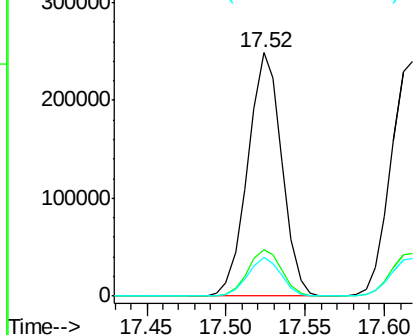


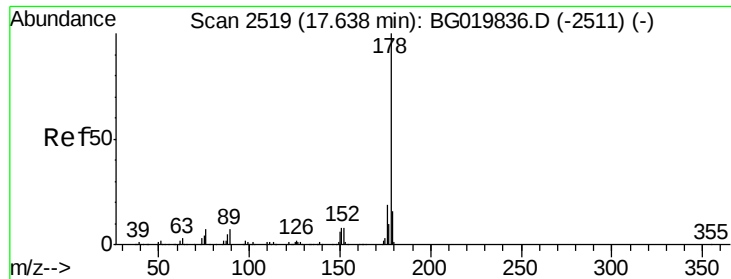
#70
 Phenanthrene
 Concen: 47.53 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.7	25.1
179	16.1	13.9	20.9



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

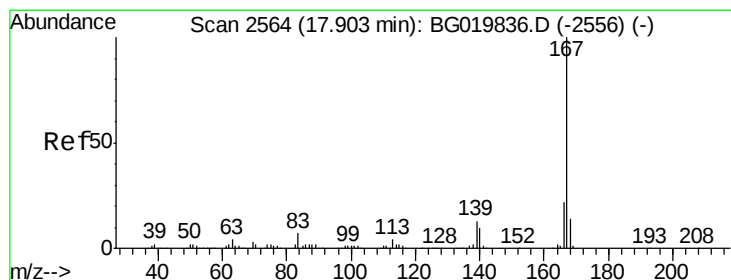
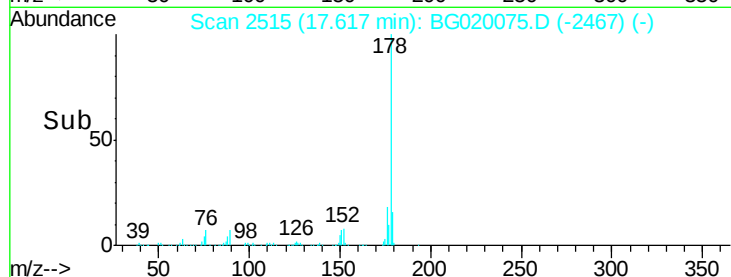
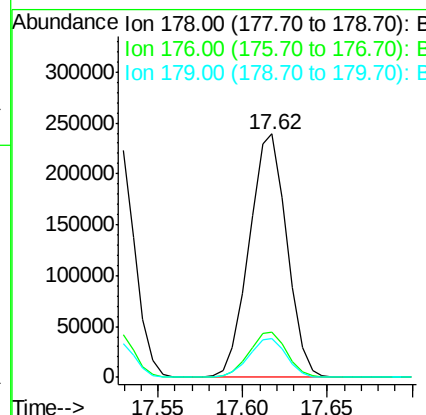
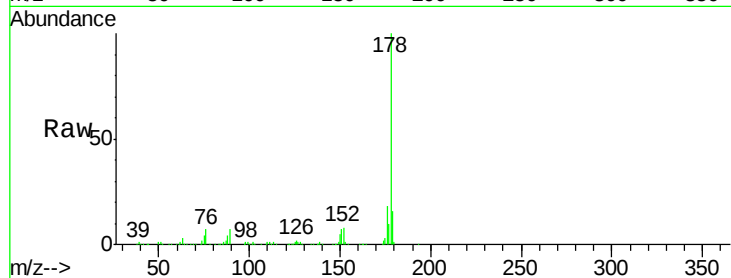




#71
 Anthracene
 Concen: 46.42 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

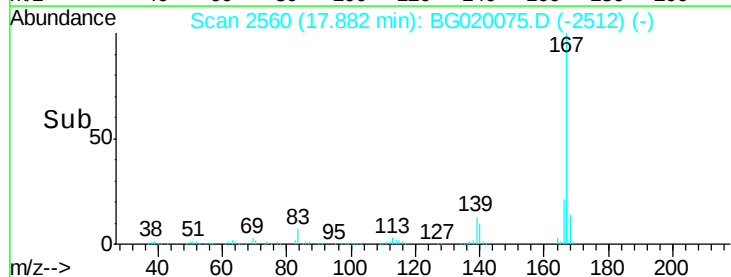
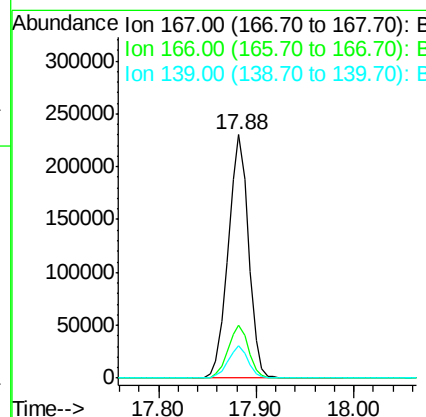
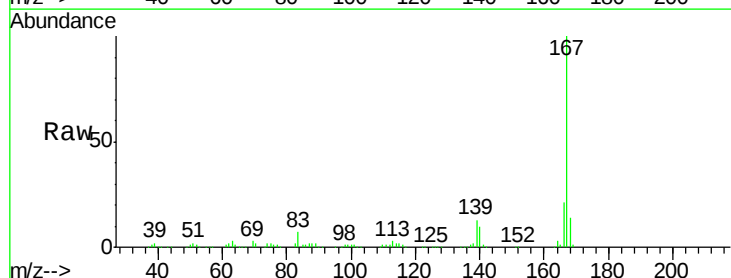
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

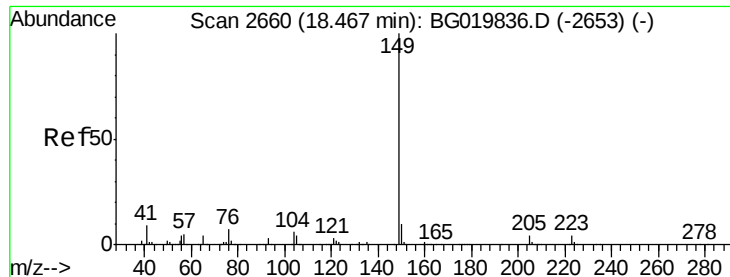
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.8	25.2
179	16.1	13.9	20.9



#72
 Carbazole
 Concen: 47.59 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.0	28.6
139	13.3	10.2	15.4

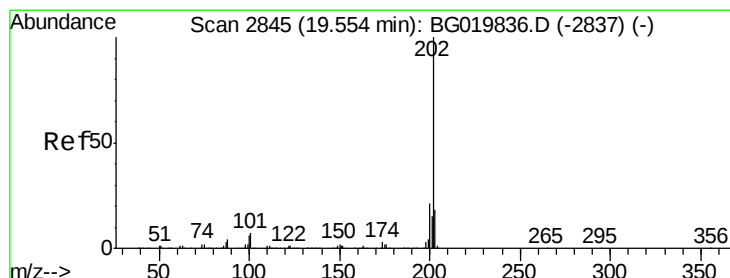
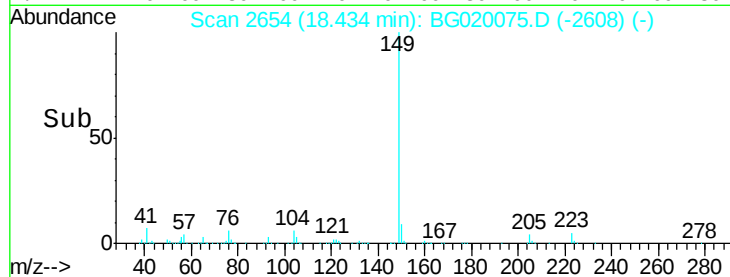
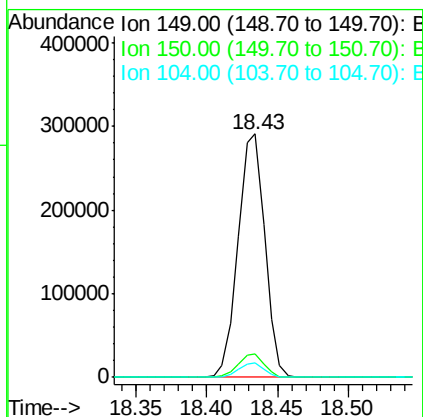
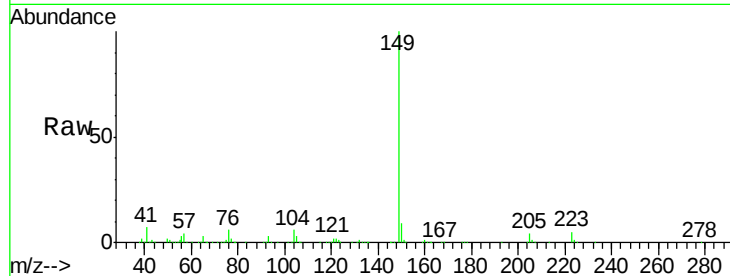




#73
Di-n-butylphthalate
Concen: 44.88 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

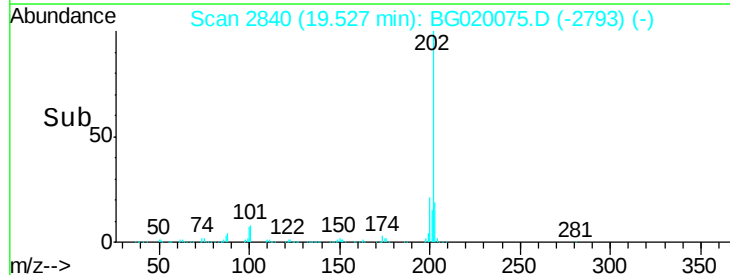
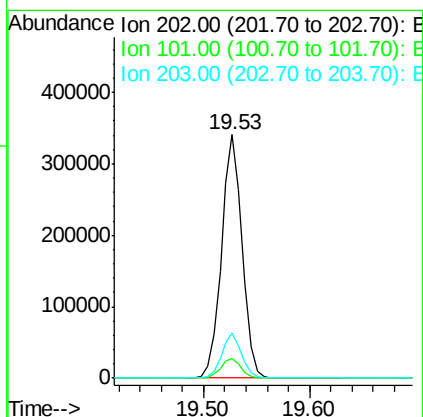
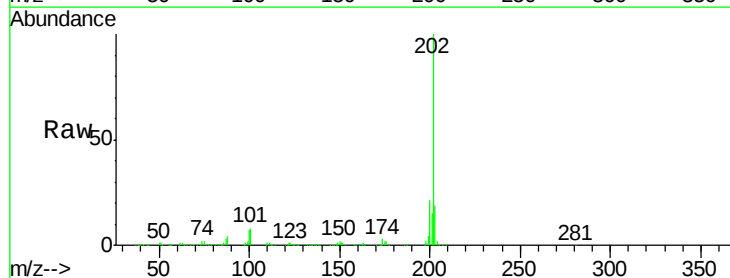
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

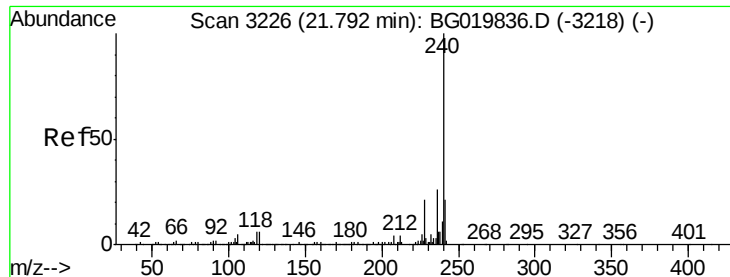
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	5.9	4.4	6.6



#74
Fluoranthene
Concen: 45.91 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	32.4
203	18.5	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

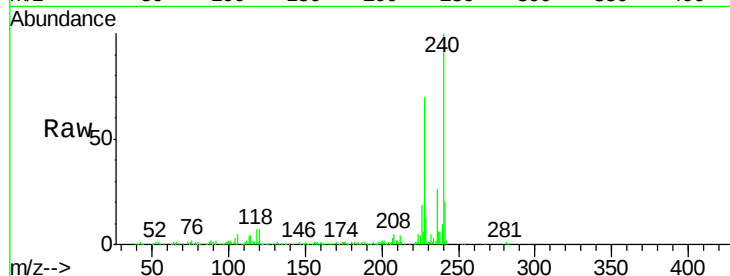
Tgt Ion:240 Resp: 169713

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

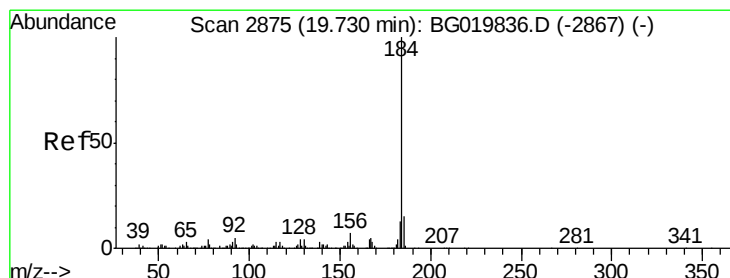
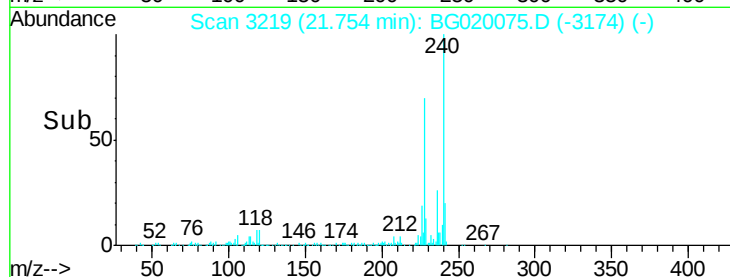
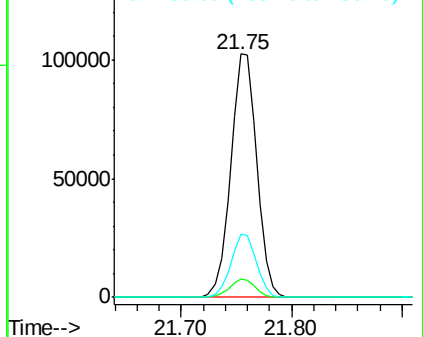
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.07 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

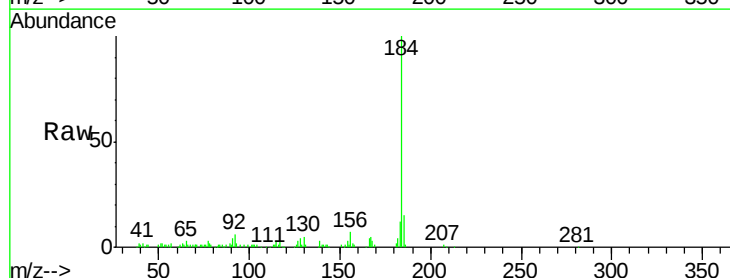
Tgt Ion:184 Resp: 67300

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

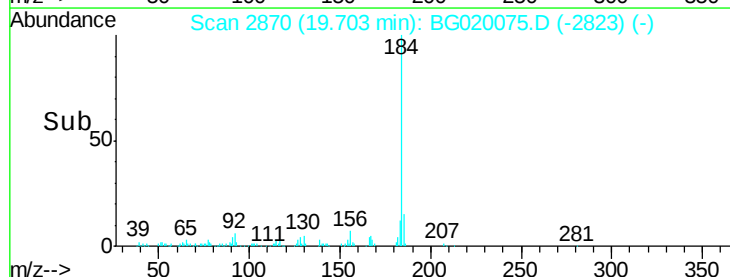
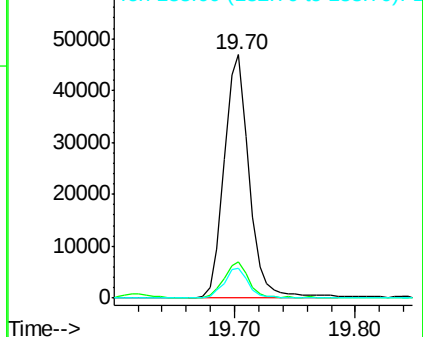
183 12.2 10.1 15.1

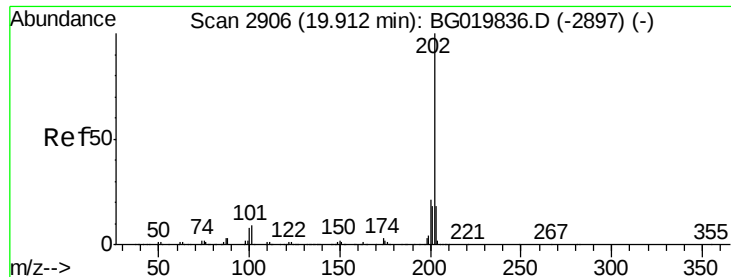


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

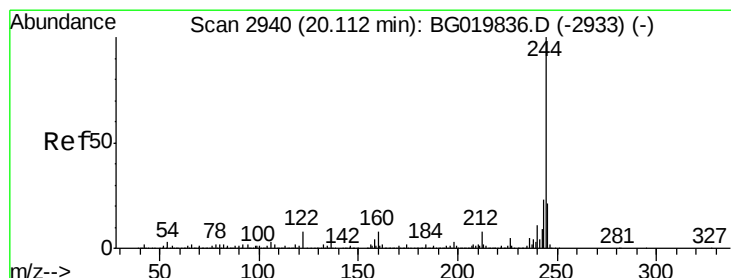
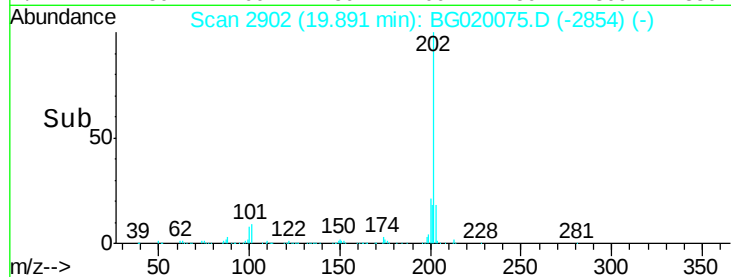
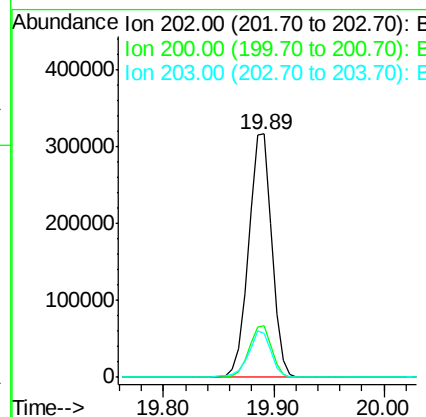
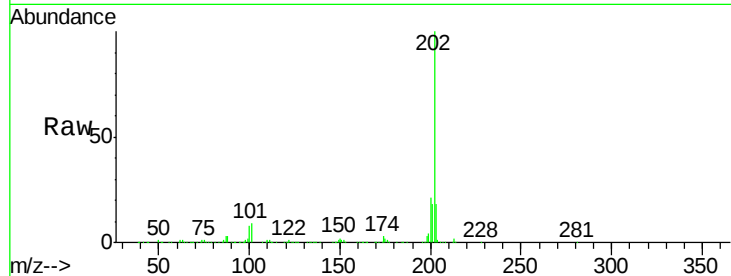




#77
 Pyrene
 Concen: 46.83 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

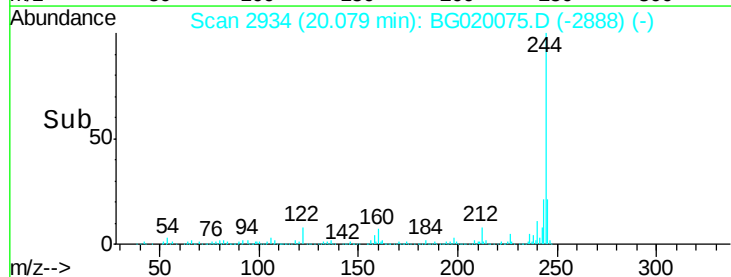
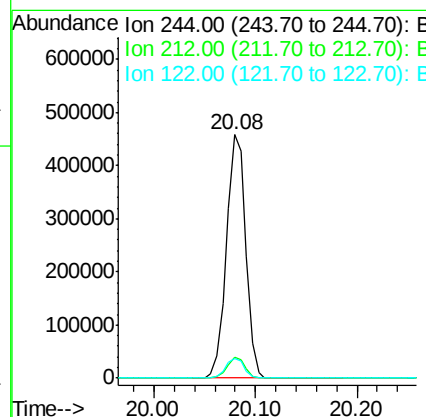
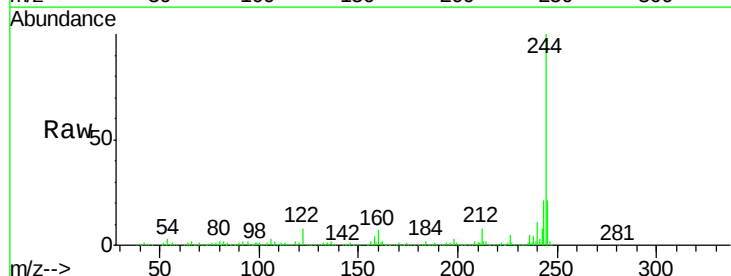
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

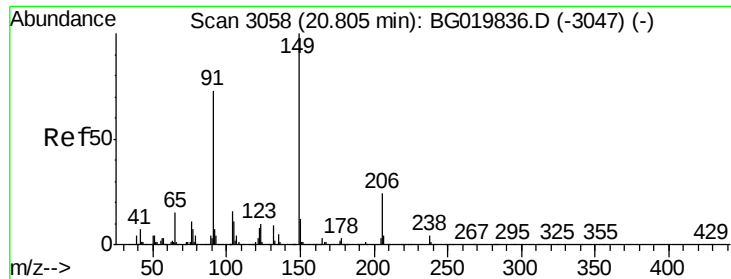
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.4	29.0
203	18.2	15.5	23.3



#78
 Terphenyl-d14
 Concen: 86.63 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.1	10.2	15.2#

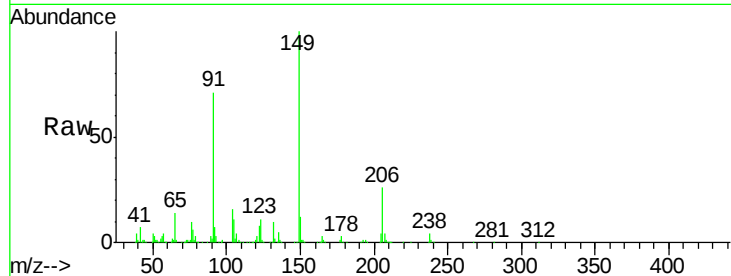




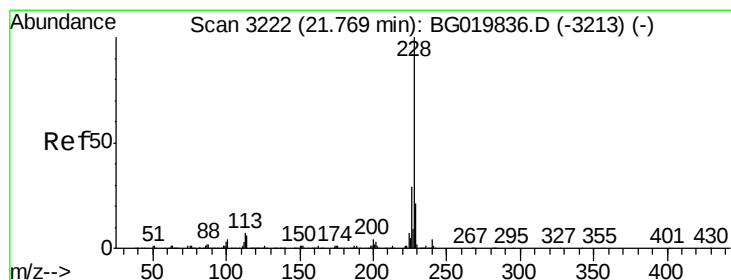
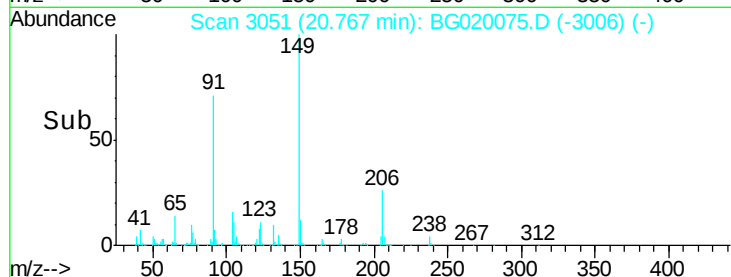
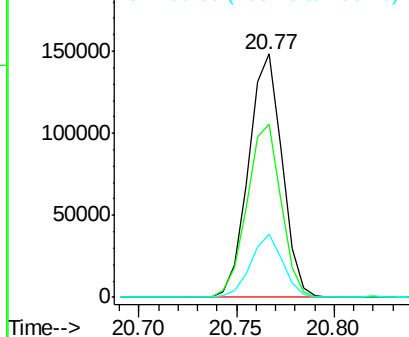
#79
Butylbenzylphthalate
Concen: 45.13 ng
RT: 20.77 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	58.1	87.1
206	25.9	17.8	26.8

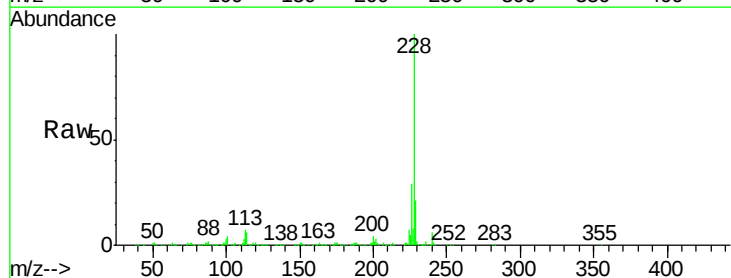


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

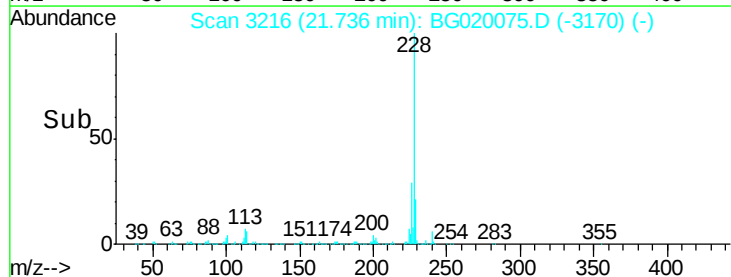
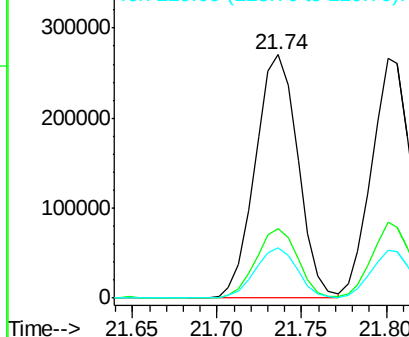


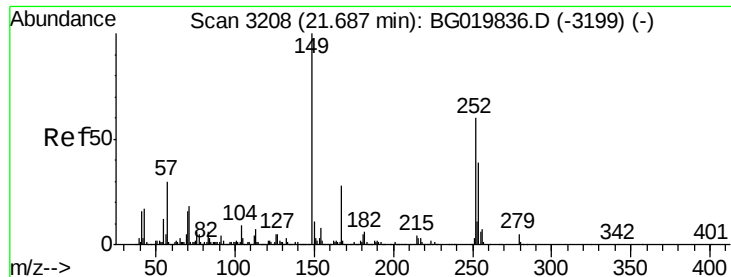
#80
Benzo(a)anthracene
Concen: 45.82 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.5	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

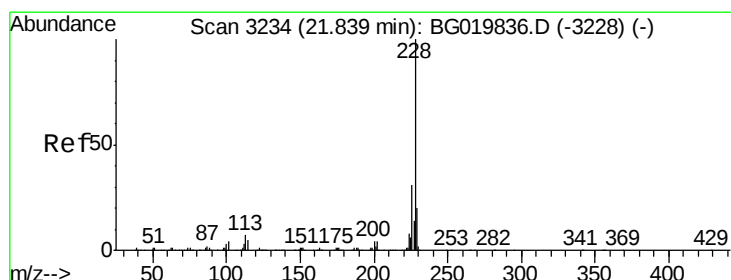
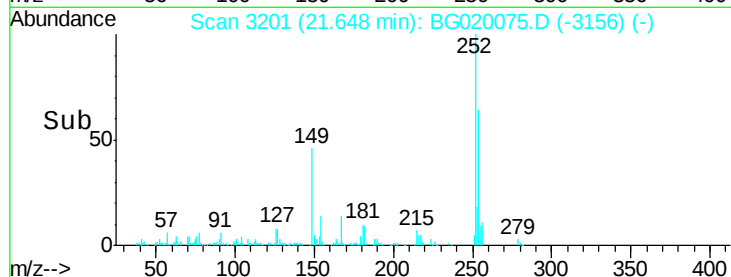
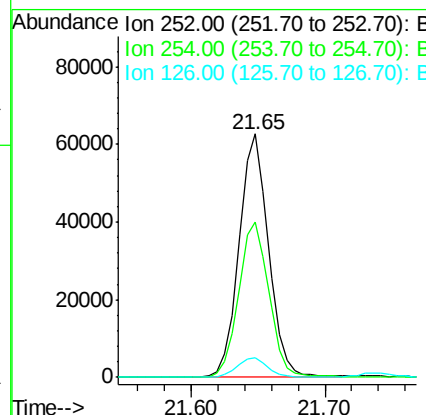
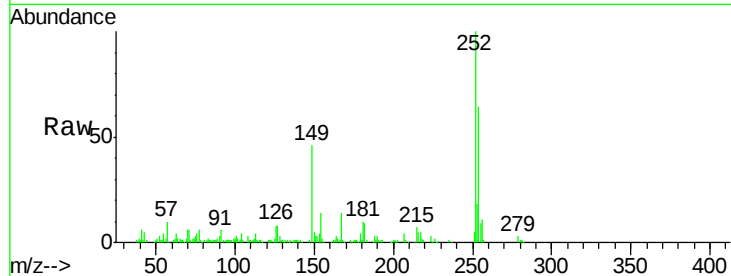




#81
 3,3'-Dichlorobenzidine
 Concen: 24.33 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

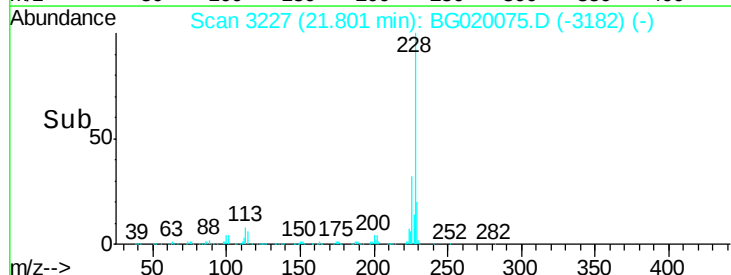
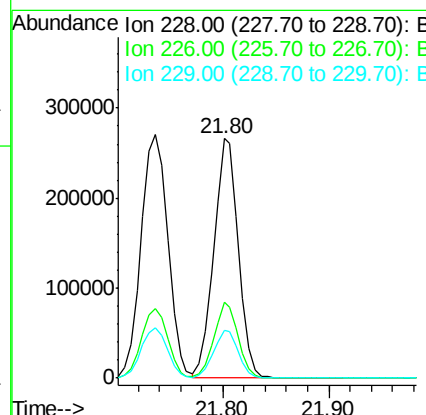
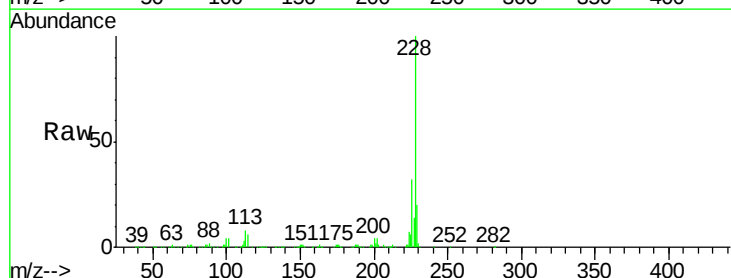
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

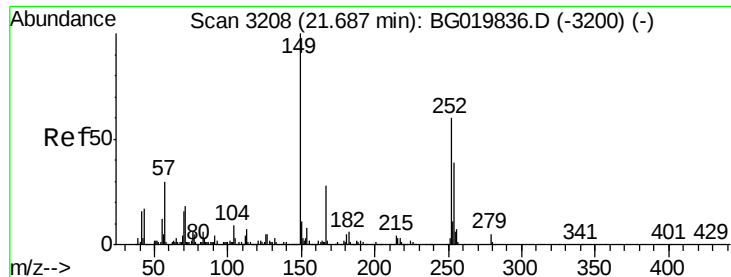
Tgt Ion: 252 Resp: 96253
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.5 78.7
 126 8.1 8.5 12.7#



#82
 Chrysene
 Concen: 43.72 ng
 RT: 21.80 min Scan# 3227
 Delta R.T. -0.04 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion: 228 Resp: 431231
 Ion Ratio Lower Upper
 228 100
 226 31.6 26.7 40.1
 229 20.2 17.0 25.6

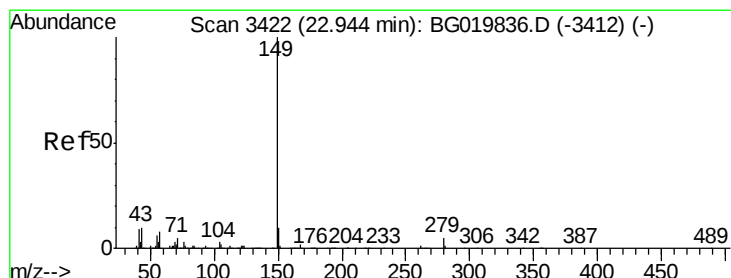
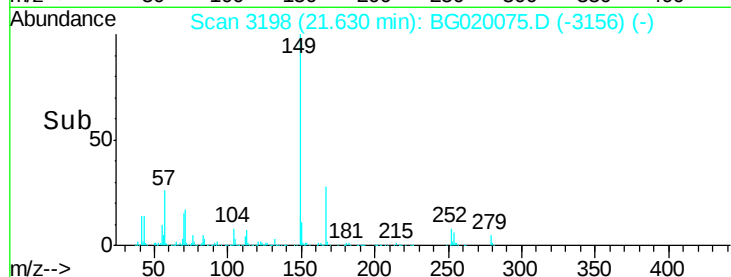
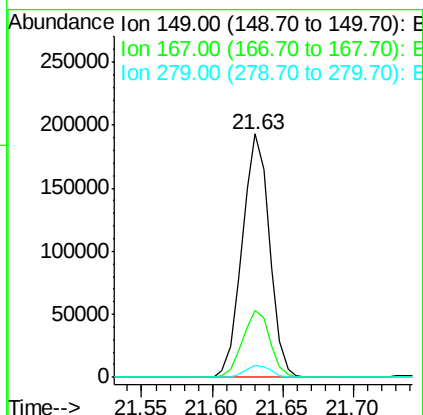
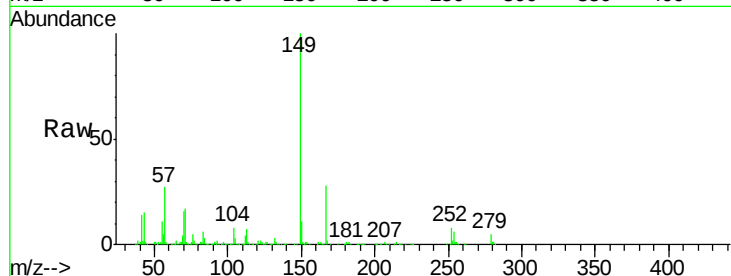




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.36 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.06 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

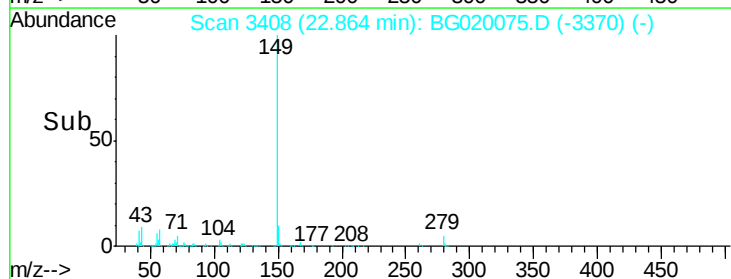
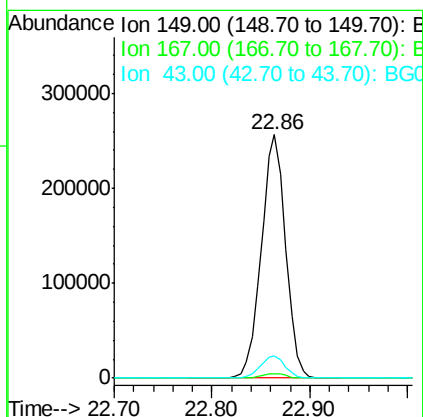
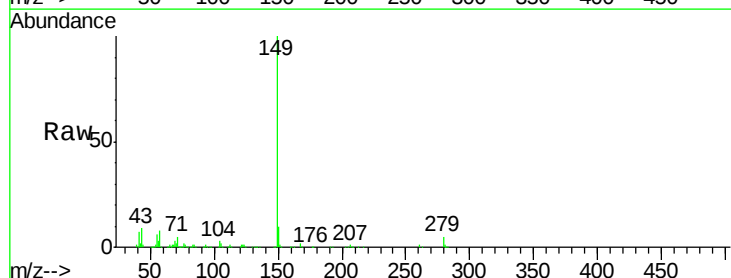
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MSD

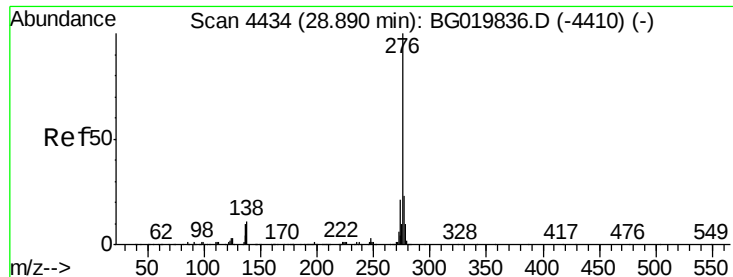
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.8	35.8
279	5.0	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 47.93 ng
 RT: 22.86 min Scan# 3408
 Delta R.T. -0.08 min
 Lab File: BG020075.D
 Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.2	5.9	8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.89 ng

RT: 28.78 min Scan# 4415

Delta R.T. -0.11 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

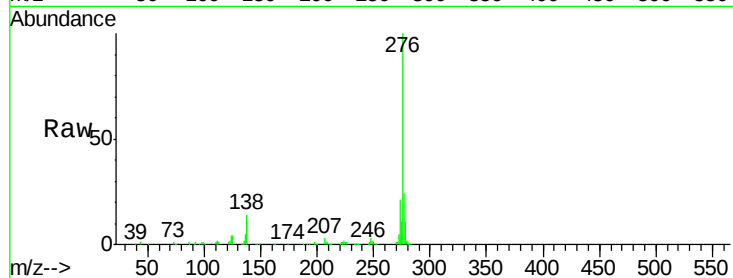
Tgt Ion:276 Resp: 509488

Ion Ratio Lower Upper

276 100

138 10.7 0.0 0.0#

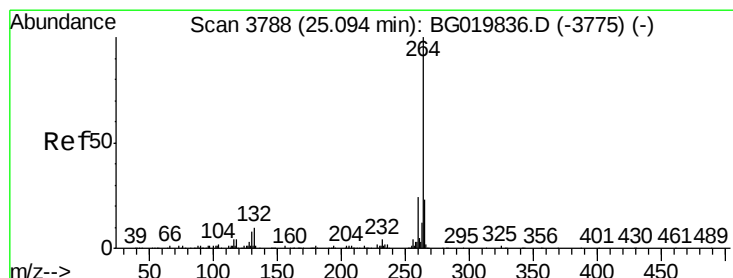
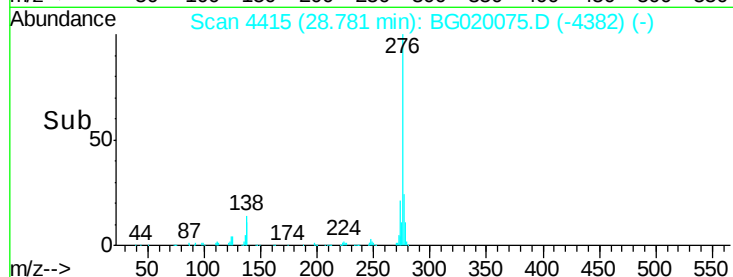
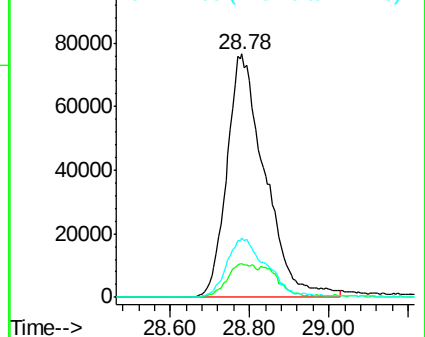
277 24.8 0.0 0.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

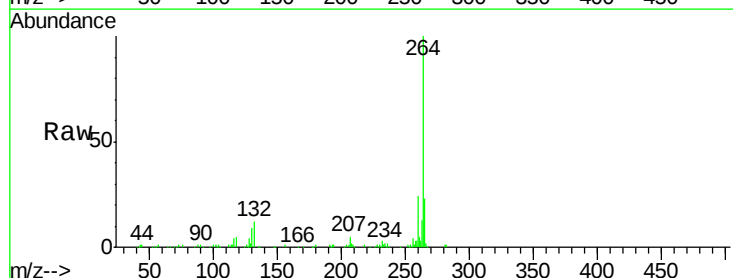
Tgt Ion:264 Resp: 160277

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

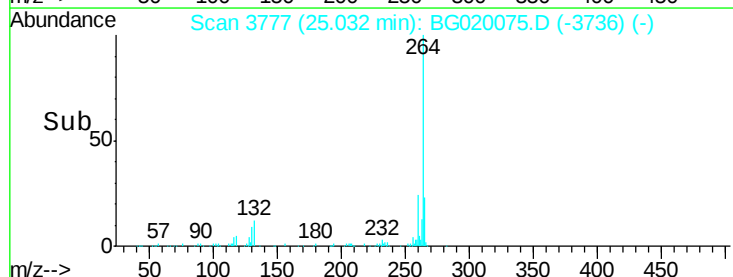
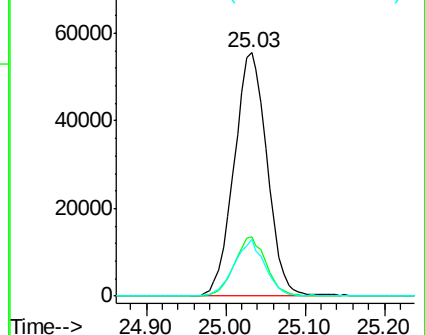
265 23.3 17.2 25.8

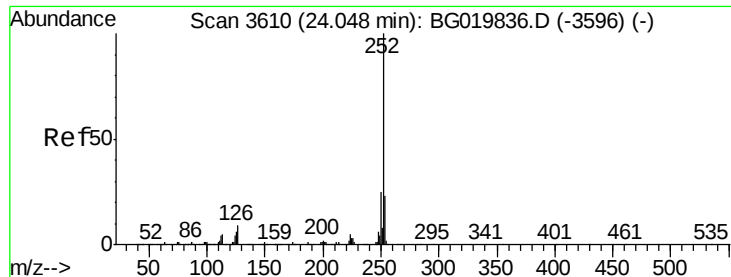


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

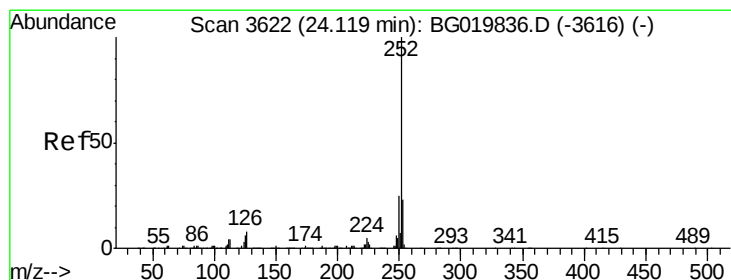
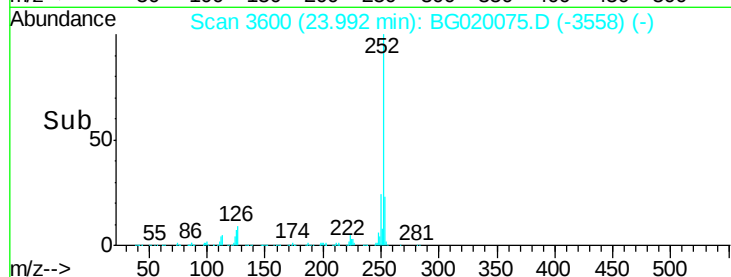
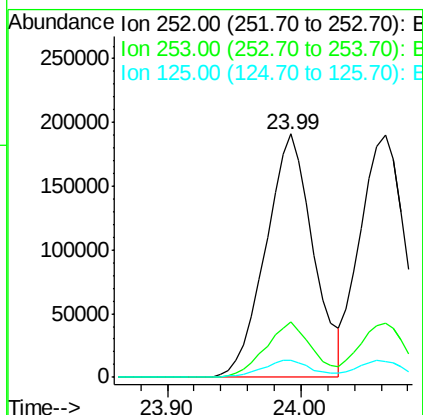
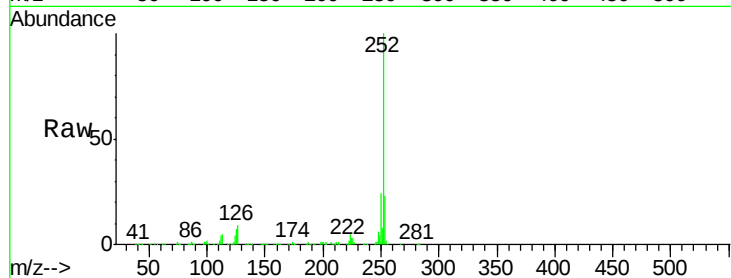




#87
Benzo(b)fluoranthene
Concen: 46.42 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.06 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

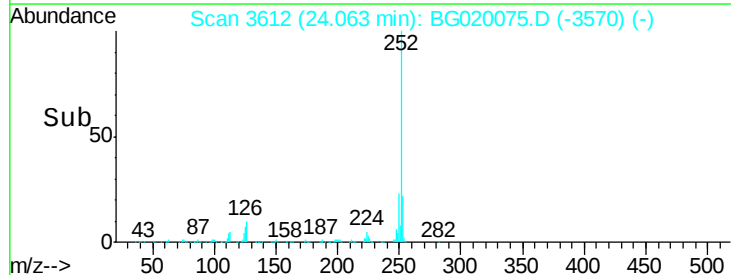
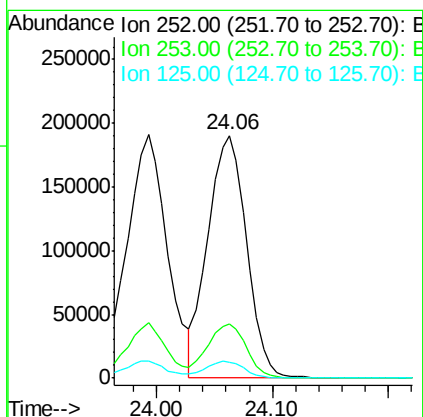
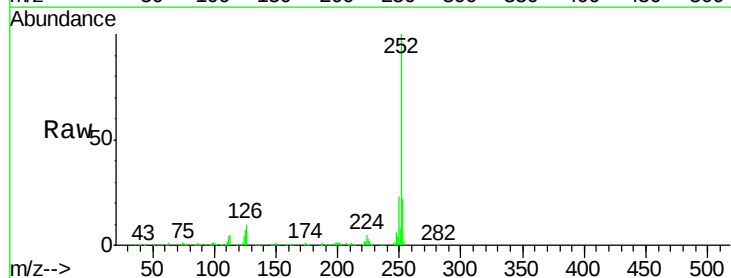
Instrument :
BNA_F
ClientSampleId :
S8-14.5MSD

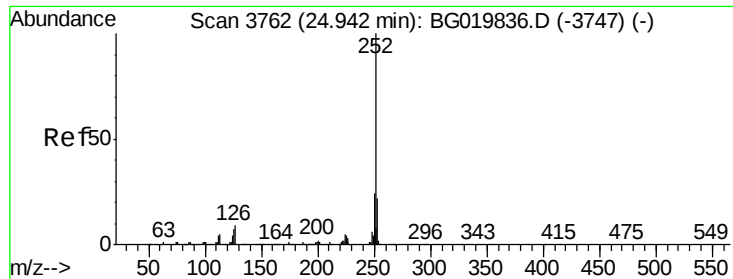
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.1	28.7
125	7.0	8.9	13.3



#88
Benzo(k)fluoranthene
Concen: 43.86 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG020075.D
Acq: 10 Dec 2015 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.4
125	6.8	8.9	13.3





#89

Benzo(a)pyrene

Concen: 46.51 ng

RT: 24.88 min Scan# 3751

Delta R.T. -0.06 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

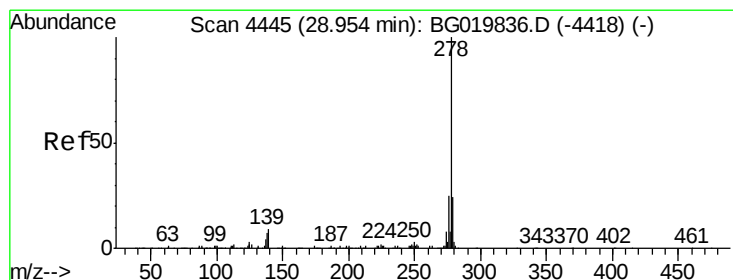
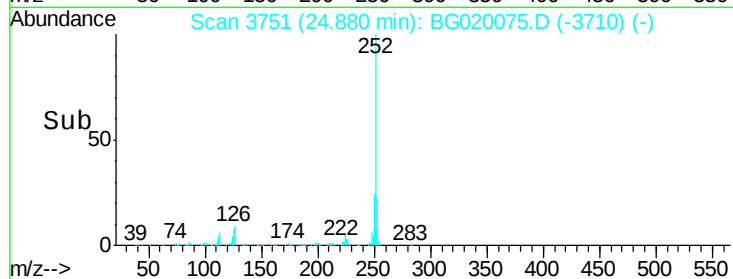
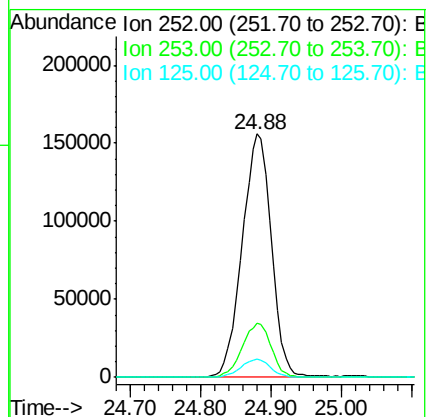
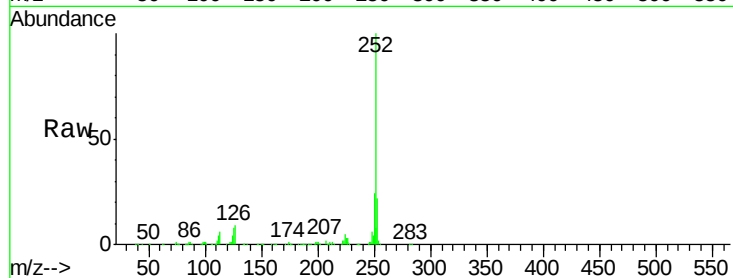
Tgt Ion:252 Resp: 448576

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

125 7.7 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 44.15 ng

RT: 28.85 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

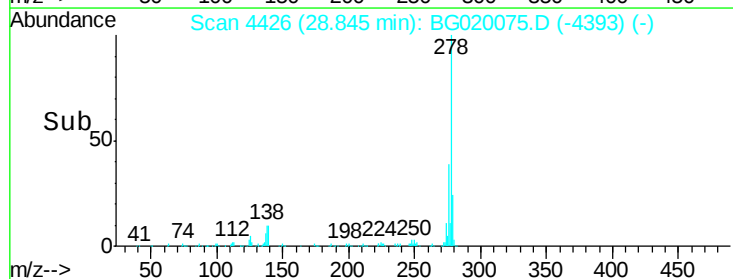
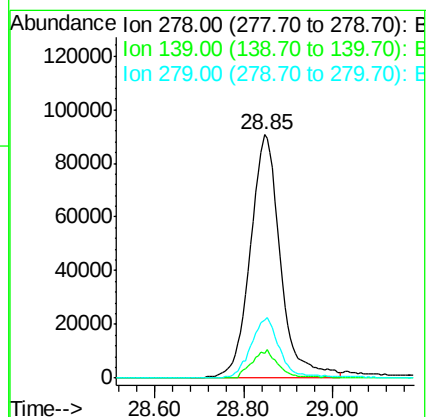
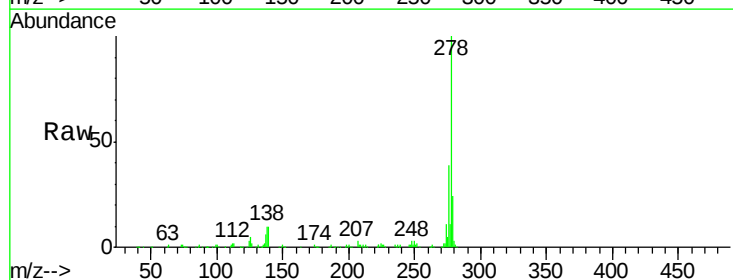
Tgt Ion:278 Resp: 420639

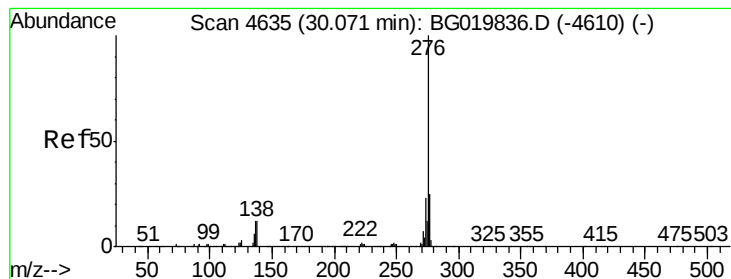
Ion Ratio Lower Upper

278 100

139 10.3 13.8 20.6#

279 23.9 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 42.85 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG020075.D

Acq: 10 Dec 2015 14:41

Instrument :

BNA_F

ClientSampleId :

S8-14.5MSD

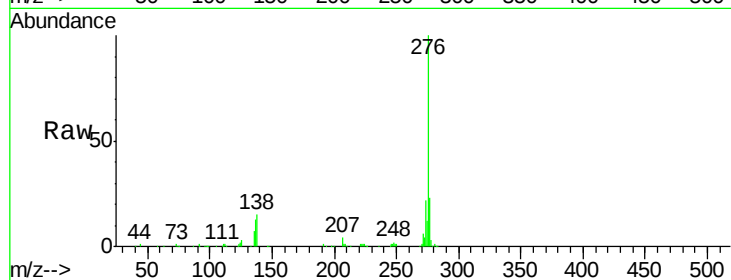
Tgt Ion: 276 Resp: 400912

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 15.4 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

