

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
 Data File : BG016278.D
 Acq On : 8 Apr 2015 14:16
 Operator : TP/IZ
 Sample : PB82610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

Quant Time: Apr 09 04:50:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	82584	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	384335	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	222537	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	475431	20.00	ng	0.00
75) Chrysene-d12	21.26	240	444643	20.00	ng	0.00
86) Perylene-d12	23.50	264	405137	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	577611	110.38	ng	0.00
7) Phenol-d6	6.88	99	821612	104.59	ng	0.01
23) Nitrobenzene-d5	8.85	82	421888	63.59	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	163358	108.54	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	879690	67.30	ng	0.00
78) Terphenyl-d14	19.71	244	1135982	59.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	63528	26.71	ng	99
3) Pyridine	3.57	79	182189	25.63	ng	97
4) n-Nitrosodimethylamine	3.48	42	61394	29.05	ng	95
6) Aniline	7.03	93	176791	15.76	ng	98
8) 2-Chlorophenol	7.26	128	216959	34.53	ng	99
9) Benzaldehyde	6.84	77	85488	18.58	ng	98
10) Phenol	6.90	94	289518	34.45	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	195309	29.14	ng	97
12) 1,3-Dichlorobenzene	7.58	146	193166	30.44	ng	99
13) 1,4-Dichlorobenzene	7.73	146	199382	30.29	ng	97
14) 1,2-Dichlorobenzene	8.05	146	190867	30.32	ng	99
15) Benzyl Alcohol	7.94	79	168585	30.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	221374	29.33	ng	97
17) 2-Methylphenol	8.14	107	188462	33.44	ng	97
18) Hexachloroethane	8.77	117	72132	28.64	ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	150019	26.65	ng	98
20) 3+4-Methylphenols	8.47	107	254405	32.59	ng	96
22) Acetophenone	8.52	105	278348	31.23	ng	99
24) Nitrobenzene	8.89	77	213964	30.16	ng	97
25) Isophorone	9.41	82	410465	27.86	ng	100
26) 2-Nitrophenol	9.60	139	116648	35.26	ng	99
27) 2,4-Dimethylphenol	9.67	122	212002	34.40	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	258289	30.71	ng	99
29) 2,4-Dichlorophenol	10.13	162	181998	37.32	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	163465	32.11	ng	100
31) Naphthalene	10.53	128	618365	30.88	ng	100
32) Benzoic acid	9.80	122	119270	33.00	ng	99
33) 4-Chloroaniline	10.65	127	93752	9.98	ng	99
34) Hexachlorobutadiene	10.82	225	70495	31.52	ng	96
35) Caprolactam	11.41	113	98789m	32.18	ng	
36) 4-Chloro-3-methylphenol	11.78	107	218472	33.92	ng	98
37) 2-Methylnaphthalene	12.15	142	452536	31.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	156766	32.00	ng	99
40) Hexachlorocyclopentadiene	12.50	237	155701	69.43	ng	97

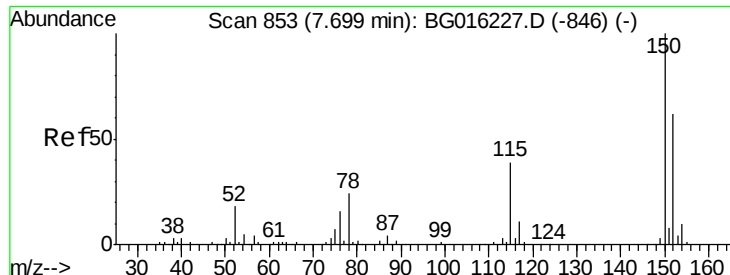
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
 Data File : BG016278.D
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Quant Time: Apr 09 04:50:18 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	125143	34.37	nq	98
43) 2,4,5-Trichlorophenol	12.84	196	139337	35.82	nq	99
45) 1,1'-Biphenyl	13.17	154	553220	32.41	nq	98
46) 2-Chloronaphthalene	13.21	162	414834	31.90	nq	99
47) 2-Nitroaniline	13.42	65	133833	31.93	nq	96
48) Acenaphthylene	14.06	152	713527	30.86	nq	99
49) Dimethylphthalate	13.80	163	501612	30.76	nq	100
50) 2,6-Dinitrotoluene	13.92	165	128587	32.60	nq	98
51) Acenaphthene	14.40	154	432778	31.32	nq	99
52) 3-Nitroaniline	14.25	138	91788	18.22	nq	96
53) 2,4-Dinitrophenol	14.46	184	115558	53.66	nq	94
54) Dibenzofuran	14.74	168	621272	32.40	nq	100
55) 4-Nitrophenol	14.56	139	287234	68.99	nq	97
56) 2,4-Dinitrotoluene	14.71	165	180906	33.67	nq	96
57) Fluorene	15.39	166	538562	31.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.96	232	108651	36.19	nq	94
59) Diethylphthalate	15.16	149	531412	30.61	nq	100
60) 4-Chlorophenyl-phenylether	15.38	204	222648	32.18	nq	96
61) 4-Nitroaniline	15.41	138	177872	31.11	nq	98
62) Azobenzene	15.68	77	577076	31.23	nq	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	91193	28.93	nq	97
65) n-Nitrosodiphenylamine	15.60	169	484419	30.14	nq	99
66) 4-Bromophenyl-phenylether	16.27	248	117845	31.04	nq	98
67) Hexachlorobenzene	16.39	284	123609	31.33	nq	99
68) Atrazine	16.55	200	152511	34.05	nq	99
69) Pentachlorophenol	16.73	266	157008	65.17	nq	97
70) Phenanthrene	17.12	178	823650	30.80	nq	99
71) Anthracene	17.21	178	836359	31.56	nq	99
72) Carbazole	17.48	167	892406	33.55	nq	99
73) Di-n-butylphthalate	18.05	149	1018479	31.29	nq	99
74) Fluoranthene	19.14	202	910979	33.05	nq	98
76) Benzidine	19.32	184	278857	14.79	nq	99
77) Pyrene	19.50	202	962206	31.08	nq	99
79) Butylbenzylphthalate	20.40	149	514697	33.84	nq	99
80) Benzo(a)anthracene	21.24	228	832938	31.70	nq	100
81) 3,3'-Dichlorobenzidine	21.17	252	163263	18.89	nq	98
82) Chrysene	21.29	228	792522	31.24	nq	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	685816	33.30	nq	98
84) Di-n-octyl phthalate	22.04	149	1124764	33.52	nq	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	852474	32.34	nq	98
87) Benzo(b)fluoranthene	22.82	252	764717	32.23	nq	99
88) Benzo(k)fluoranthene	22.87	252	772493	33.27	nq	98
89) Benzo(a)pyrene	23.40	252	752077	33.82	nq	99
90) Dibenzo(a,h)anthracene	25.80	278	709588	32.79	nq	98
91) Benzo(g,h,i)perylene	26.49	276	719080	33.27	nq	99

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

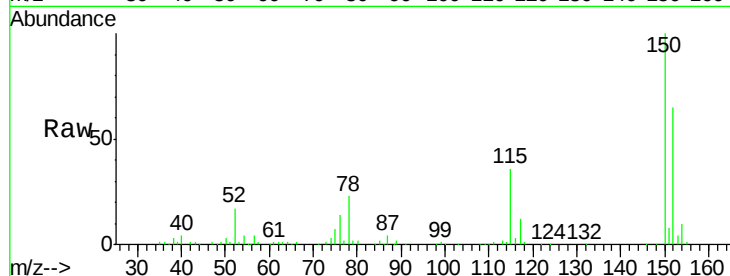


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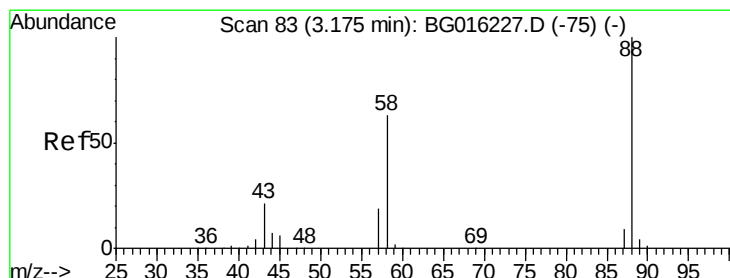
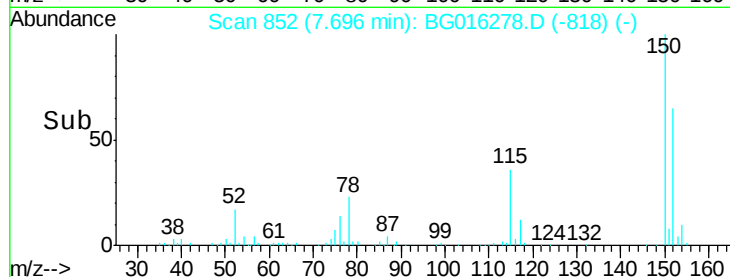
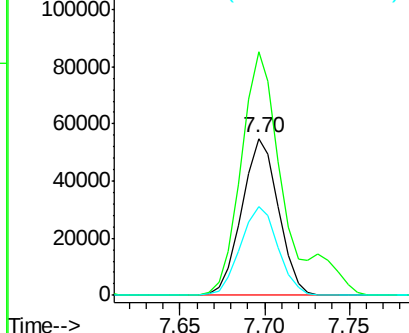
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion:152 Resp: 82584
Ion Ratio Lower Upper
152 100
150 155.0 130.1 195.1
115 56.5 50.5 75.7



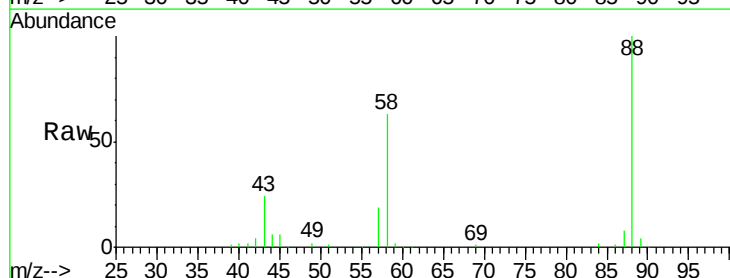
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



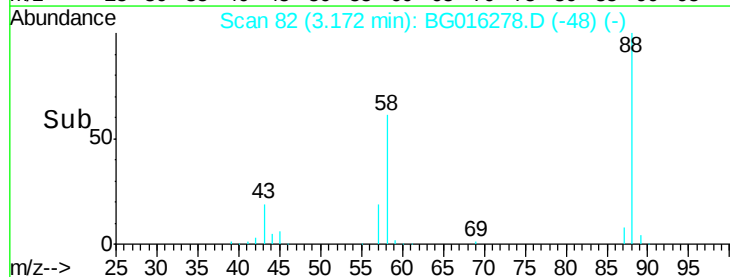
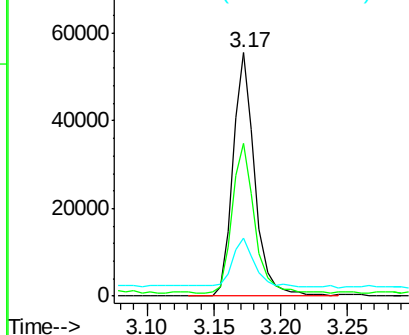
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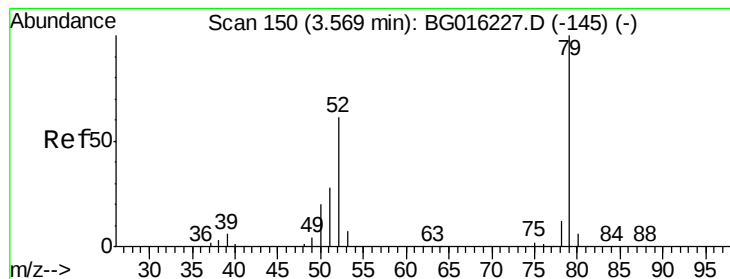
1,4-Dioxane
Concen: 26.71 ng
RT: 3.17 min Scan# 82
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion: 88 Resp: 63528
Ion Ratio Lower Upper
88 100
58 62.7 50.6 76.0
43 21.8 17.0 25.4



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





#3

Pvridine

Concen: 25.63 ng

RT: 3.57 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

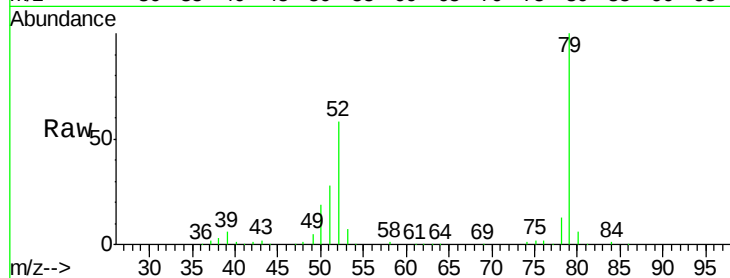
Tot Ion: 79 Resp: 182189

Ion Ratio Lower Upper

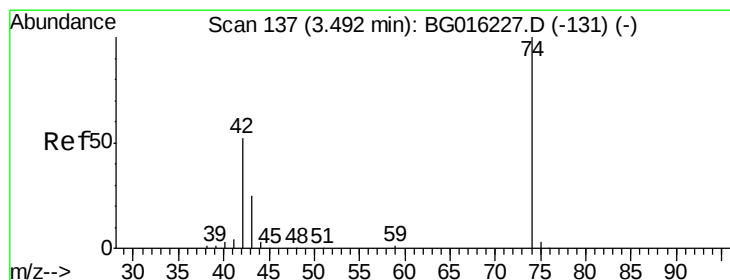
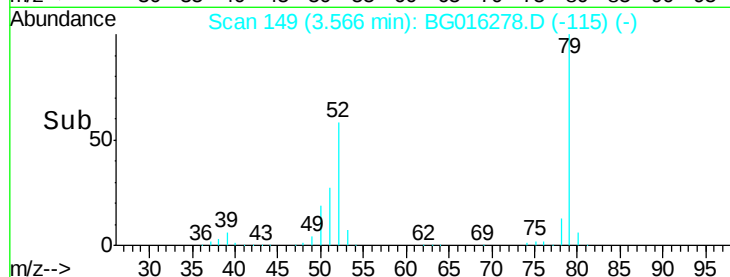
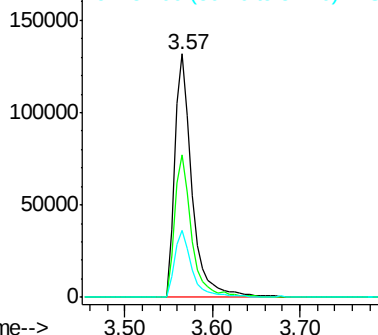
79 100

52 58.4 49.0 73.4

51 27.6 22.5 33.7



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: 29.05 ng

RT: 3.48 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

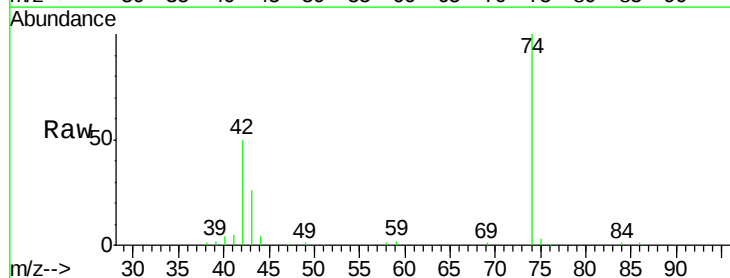
Tgt Ion: 42 Resp: 61394

Ion Ratio Lower Upper

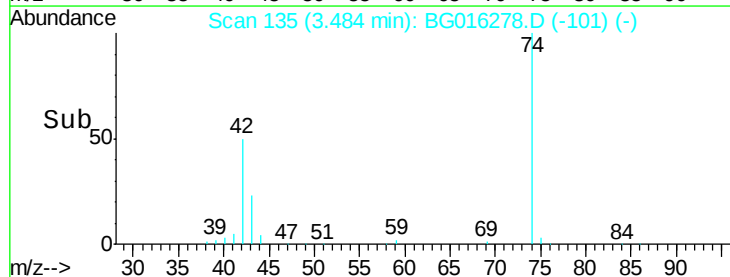
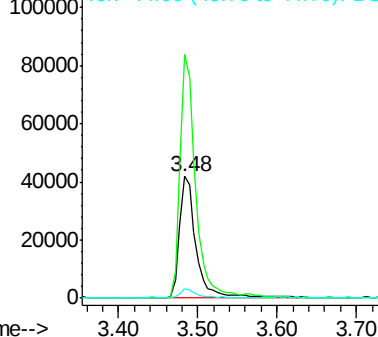
42 100

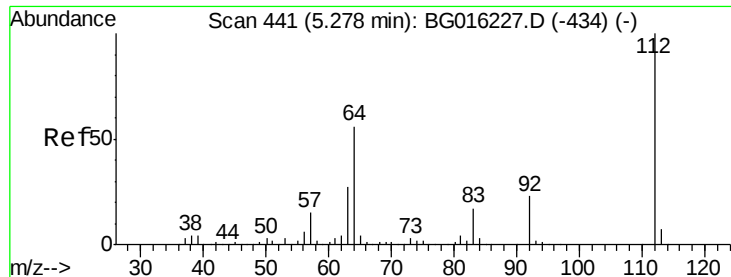
74 199.7 153.7 230.5

44 7.9 5.3 7.9



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: 110.38 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

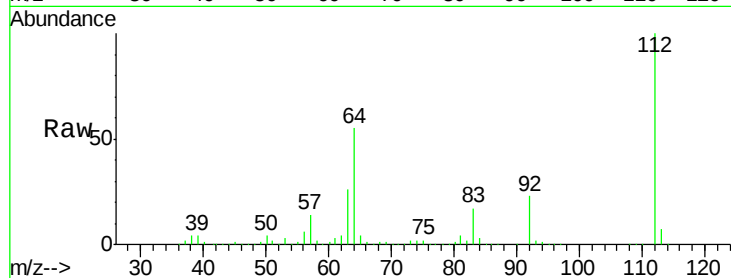
Tot Ion:112 Resp: 577611

Ion Ratio Lower Upper

112 100

64 55.0 44.5 66.7

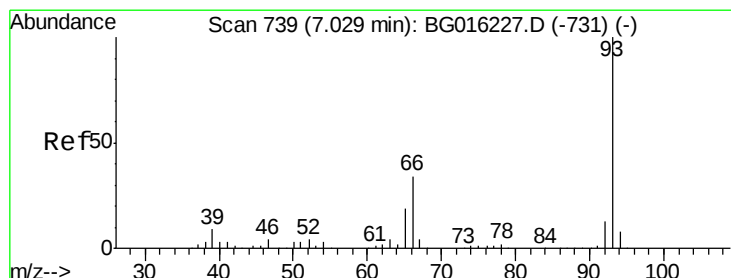
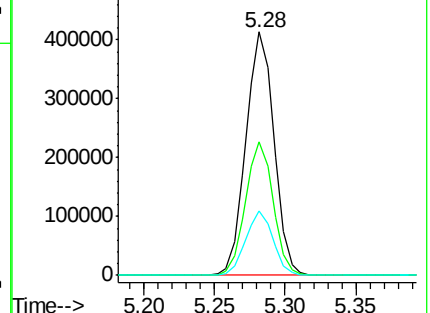
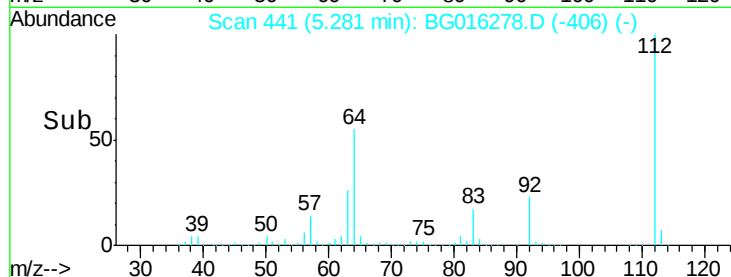
63 26.3 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.76 ng

RT: 7.03 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

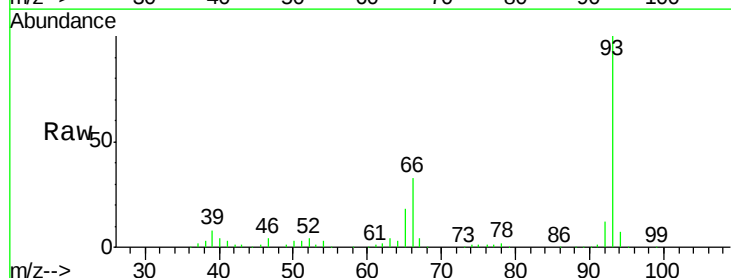
Tgt Ion: 93 Resp: 176791

Ion Ratio Lower Upper

93 100

66 33.4 27.5 41.3

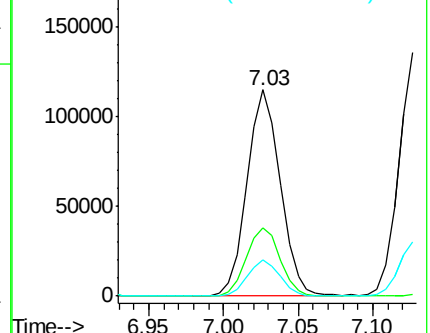
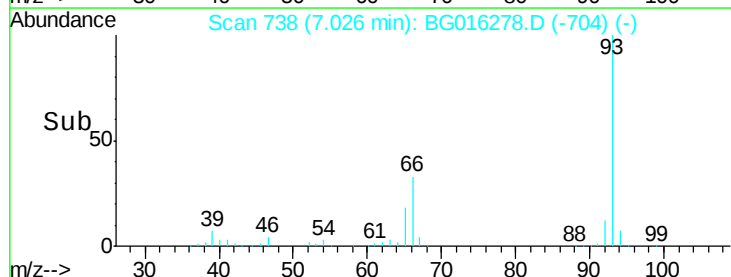
65 17.6 15.1 22.7

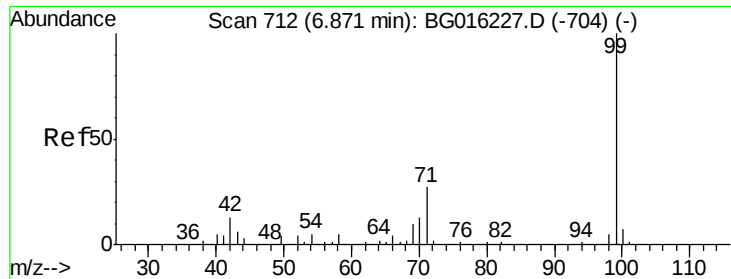


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.59 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

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ClientSampleId :

PB82610BS

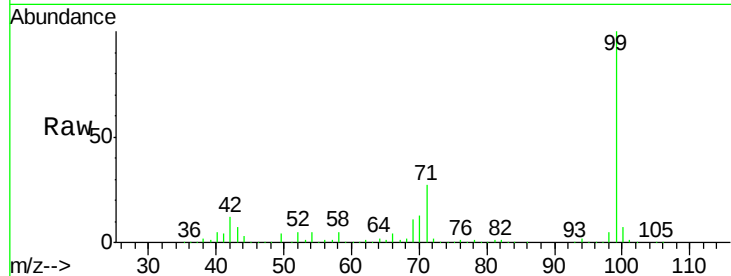
Tot Ion: 99 Resp: 821612

Ion Ratio Lower Upper

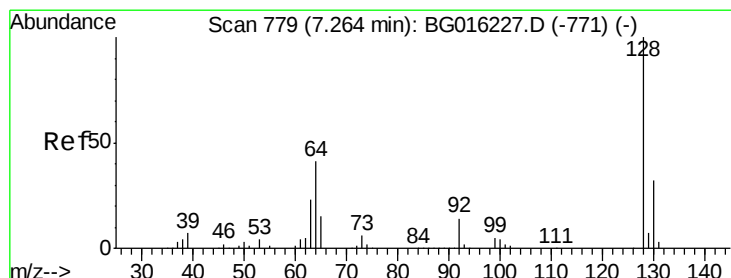
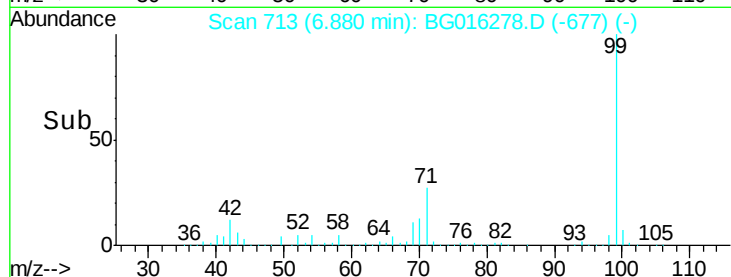
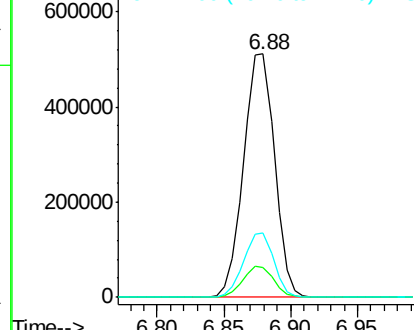
99 100

42 12.3 10.0 15.0

71 26.6 21.5 32.3



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: 34.53 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

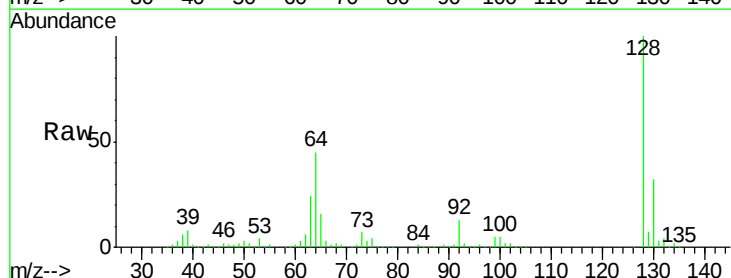
Tgt Ion: 128 Resp: 216959

Ion Ratio Lower Upper

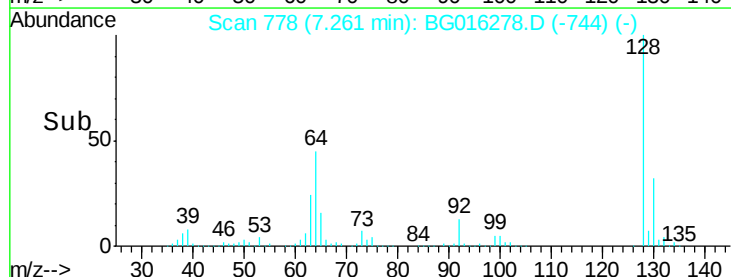
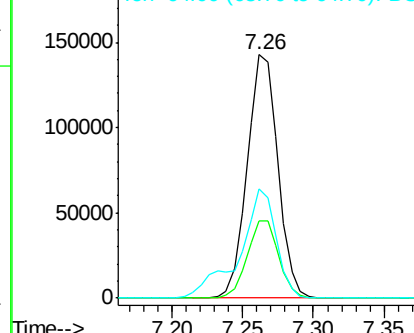
128 100

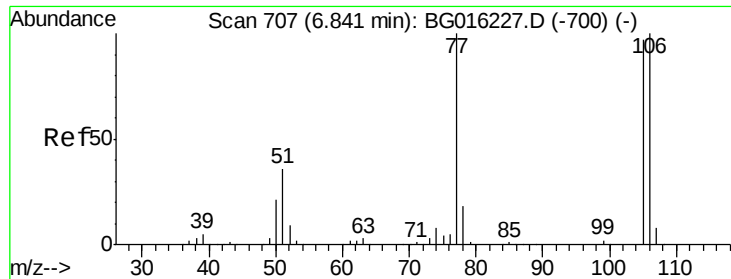
130 31.9 11.6 51.6

64 45.0 24.2 64.2



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: 18.58 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

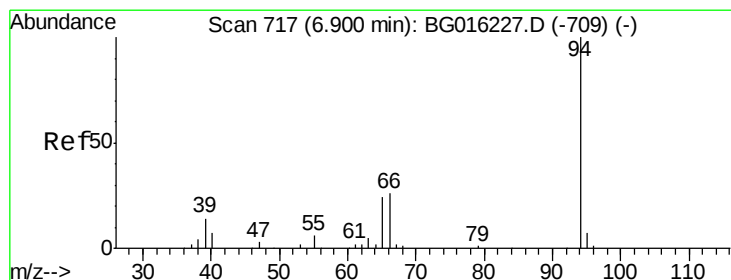
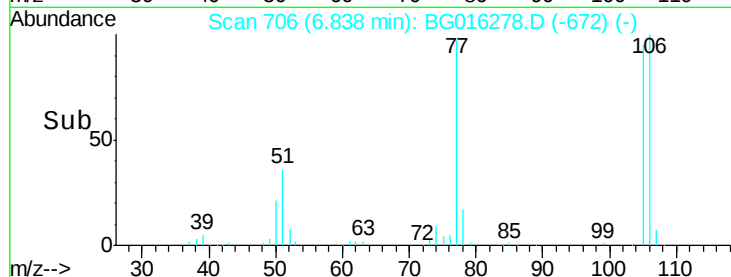
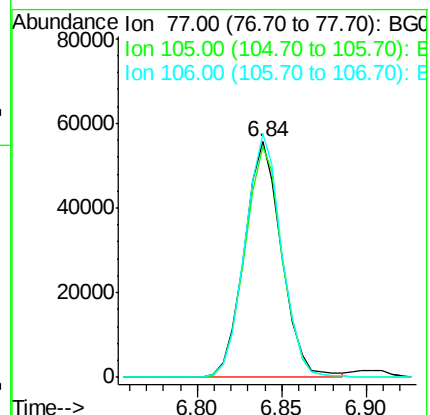
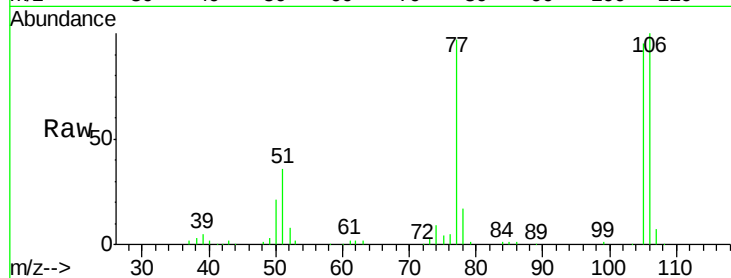
Tot Ion: 77 Resp: 85488

Ion Ratio Lower Upper

77 100

105 98.1 76.8 116.8

106 103.3 80.1 120.1



#10

Phenol

Concen: 34.45 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

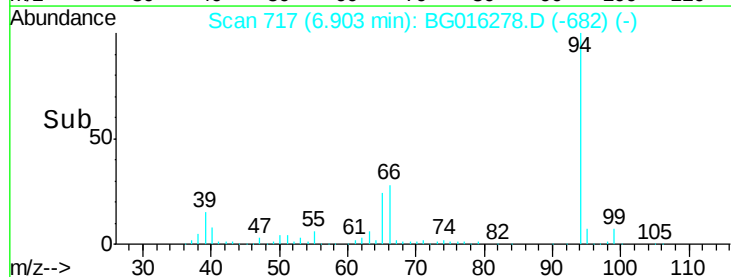
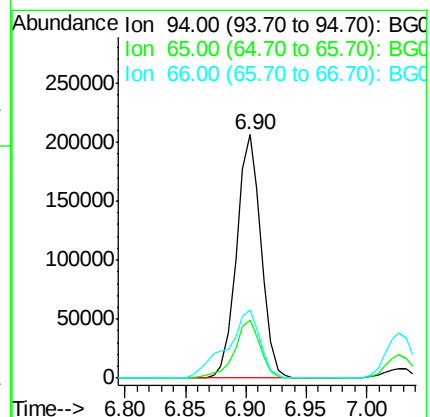
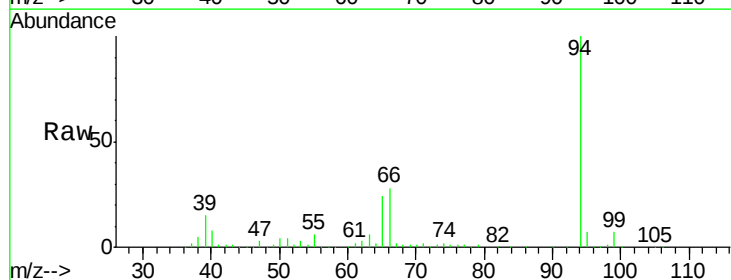
Tgt Ion: 94 Resp: 289518

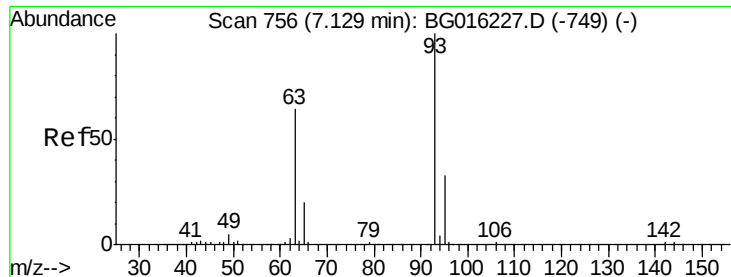
Ion Ratio Lower Upper

94 100

65 23.7 3.8 43.8

66 28.1 7.4 47.4

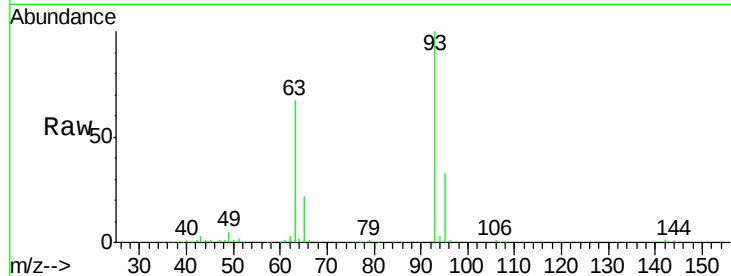




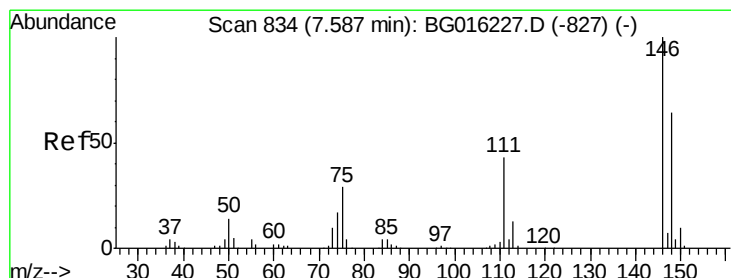
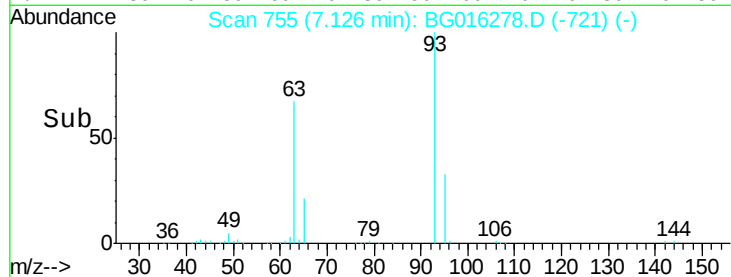
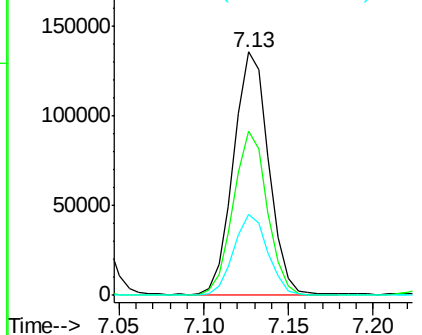
#11
bis(2-Chloroethyl)ether
Concen: 29.14 ng
RT: 7.13 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion: 93 Resp: 195309
Ion Ratio Lower Upper
93 100
63 67.3 44.1 84.1
95 33.4 12.5 52.5

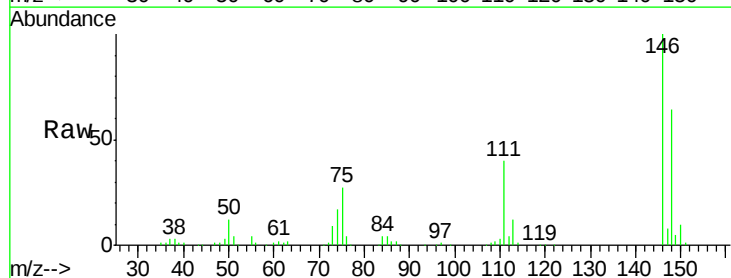


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

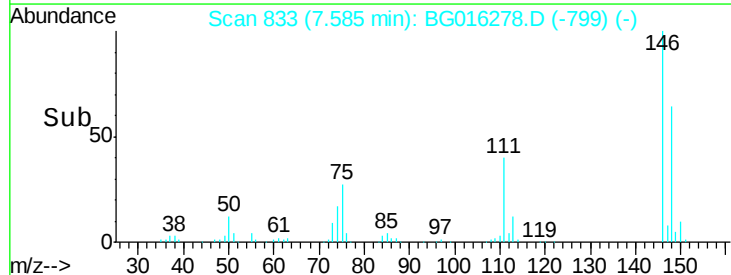
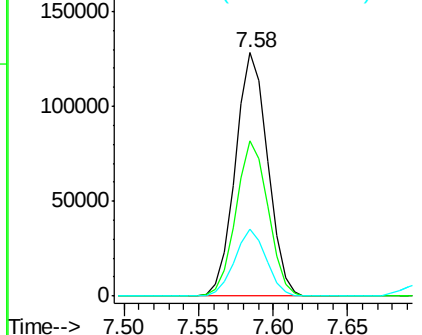


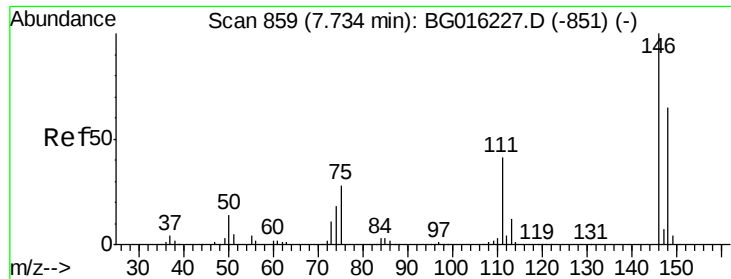
#12
1,3-Dichlorobenzene
Concen: 30.44 ng
RT: 7.58 min Scan# 833
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion: 146 Resp: 193166
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 27.3 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

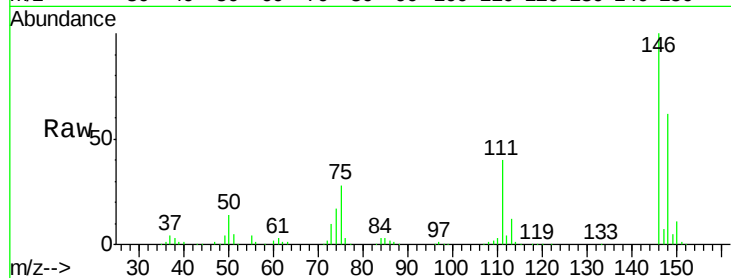




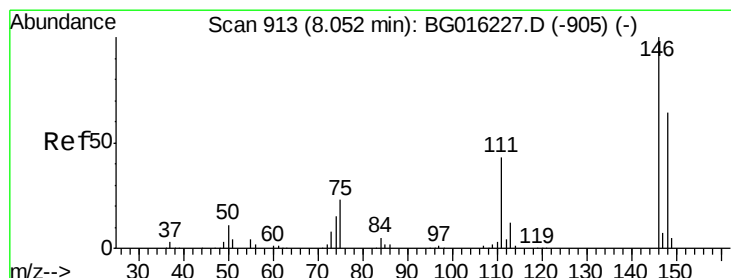
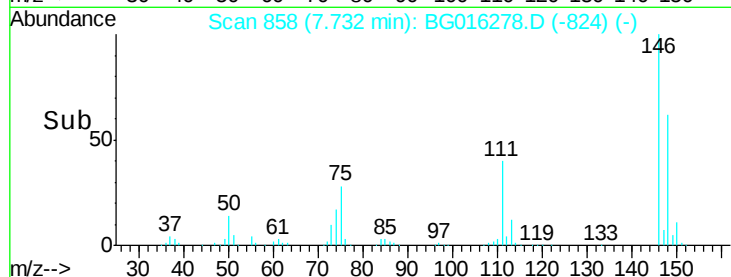
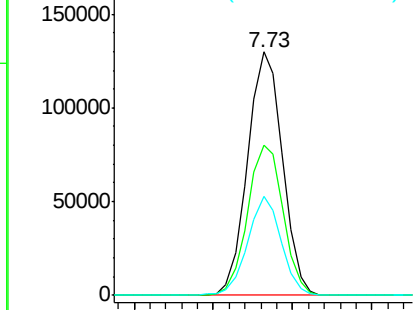
#13
 1,4-Dichlorobenzene
 Concen: 30.29 ng
 RT: 7.73 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

Tot Ion:146 Resp: 199382
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.0 78.0
 111 40.4 32.6 49.0

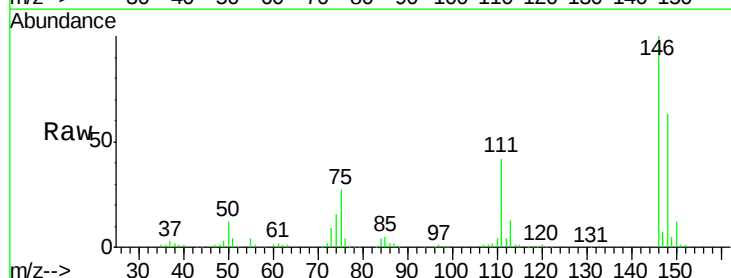


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

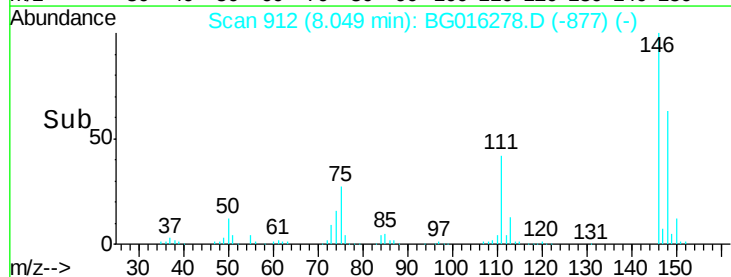
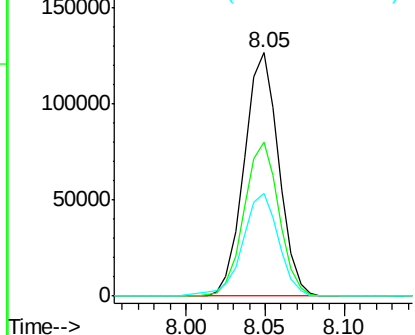


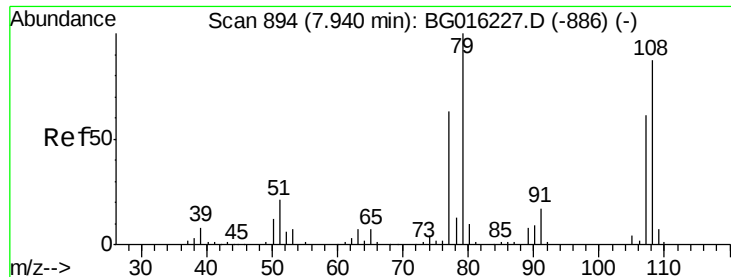
#14
 1,2-Dichlorobenzene
 Concen: 30.32 ng
 RT: 8.05 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion:146 Resp: 190867
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.9 76.3
 111 42.1 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.79 ng

RT: 7.94 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampled :

PB82610BS

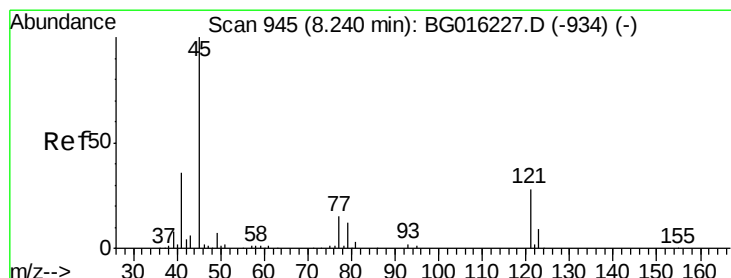
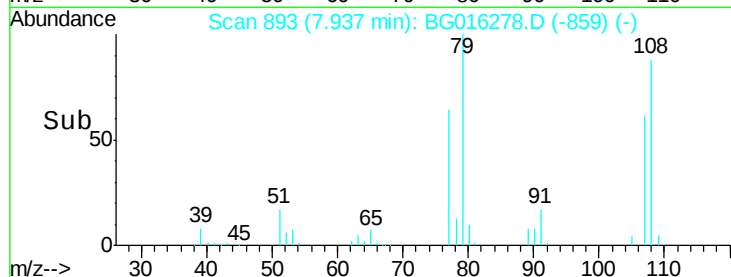
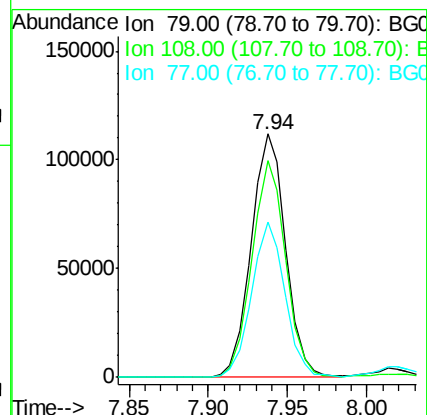
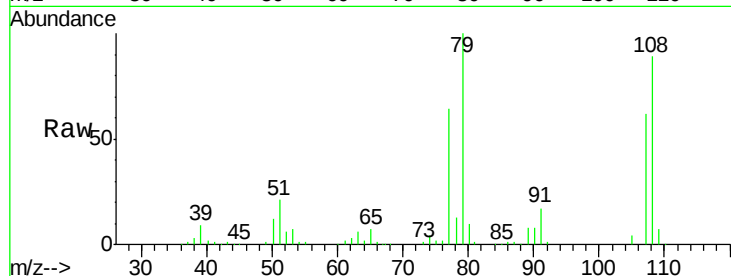
Tot Ion: 79 Resp: 168585

Ion Ratio Lower Upper

79 100

108 88.9 69.3 103.9

77 64.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.33 ng

RT: 8.24 min Scan# 944

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

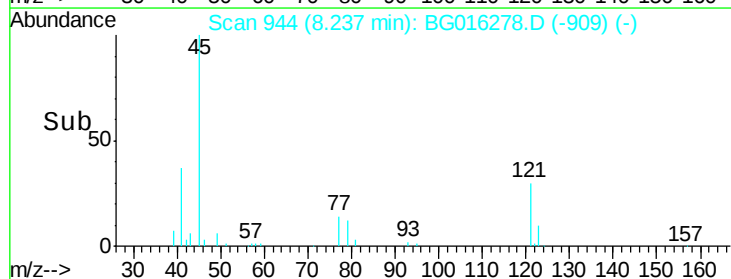
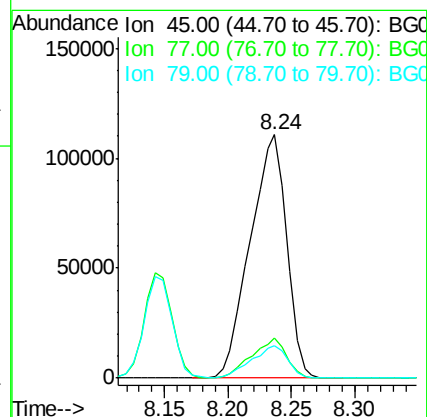
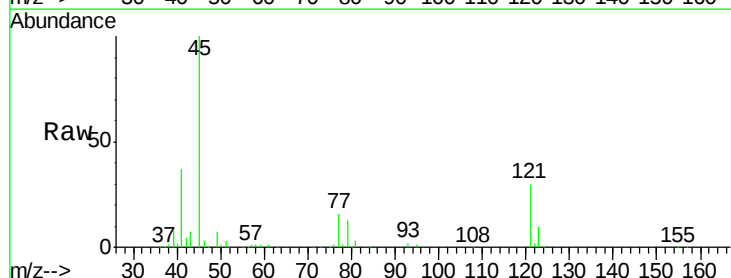
Tgt Ion: 45 Resp: 221374

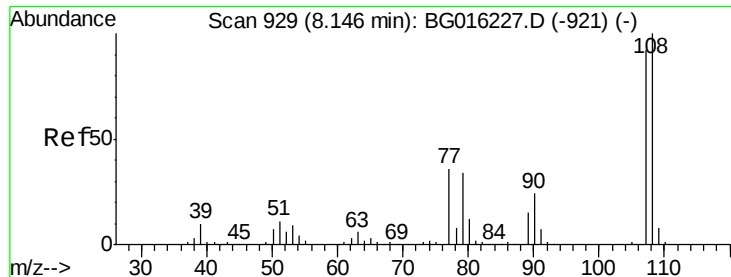
Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.3

79 13.4 0.0 32.3

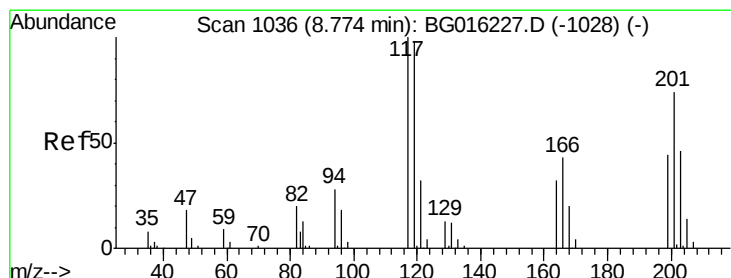
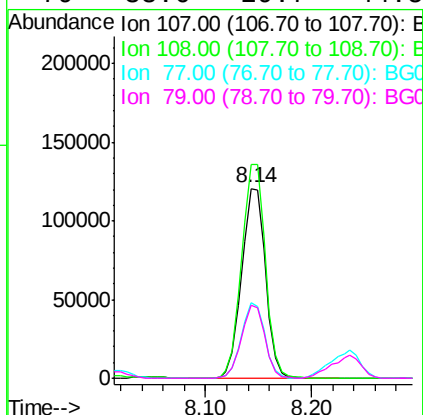
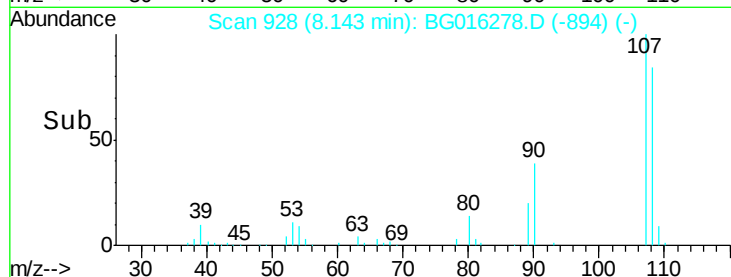
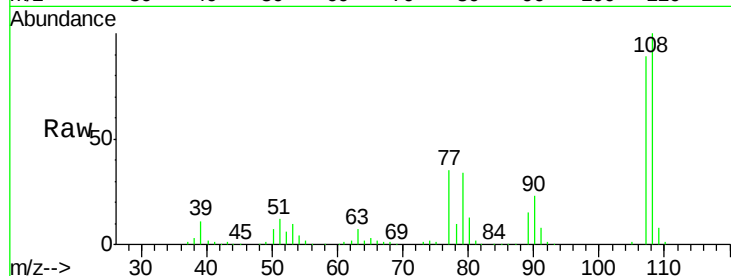




#17
2-Methylphenol
Concen: 33.44 ng
RT: 8.14 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

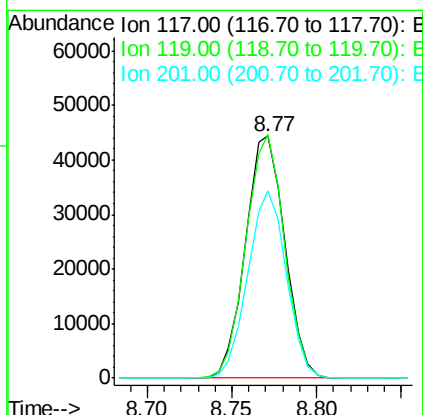
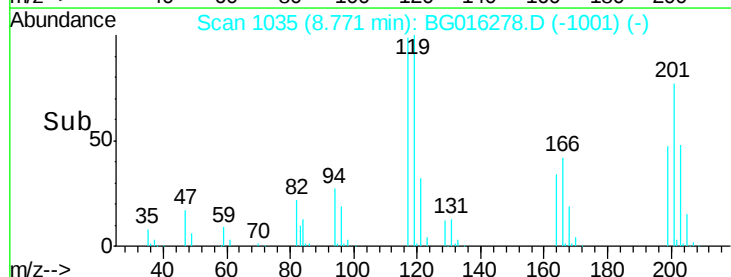
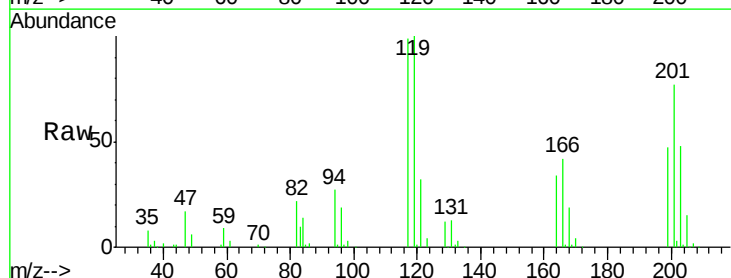
Instrument :
BNA_G
ClientSampleId :
PB82610BS

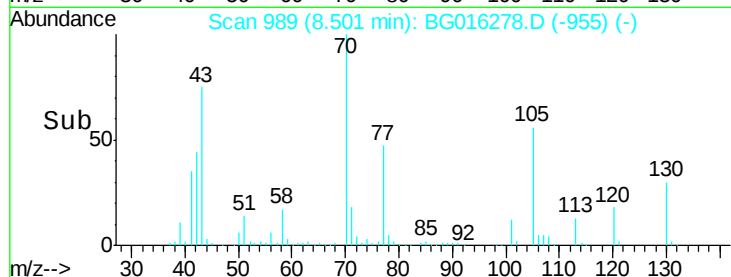
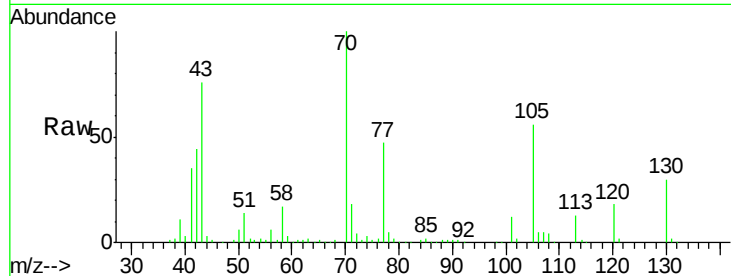
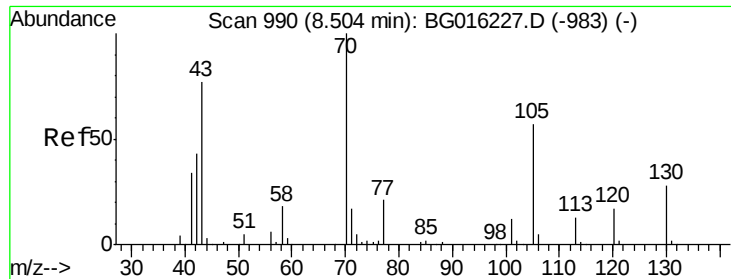
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	87.2	130.8
77	39.8	31.1	46.7
79	38.6	29.7	44.5



#18
Hexachloroethane
Concen: 28.64 ng
RT: 8.77 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.8	118.2
201	77.2	59.0	88.4

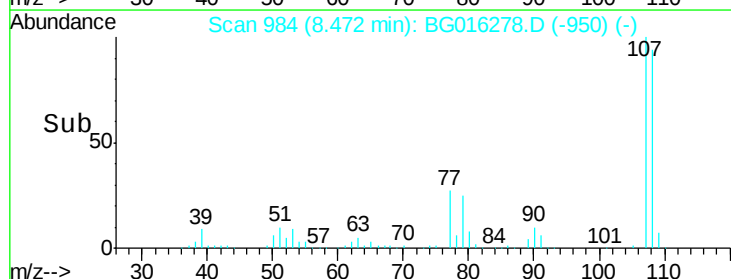
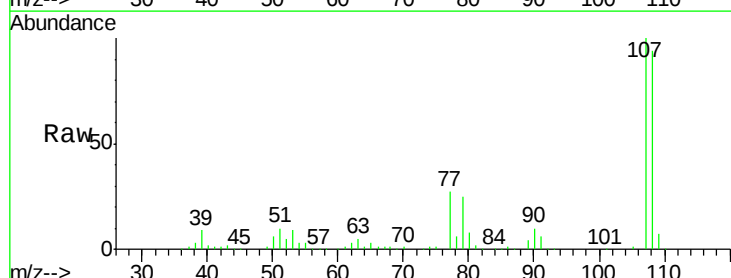
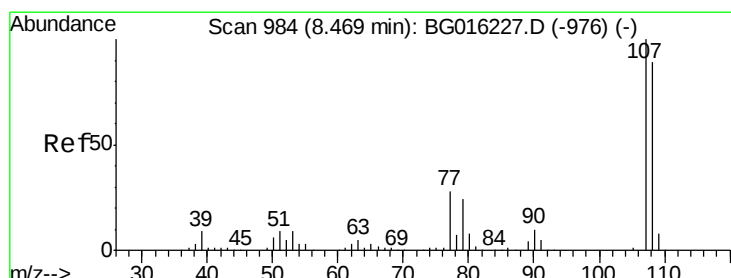
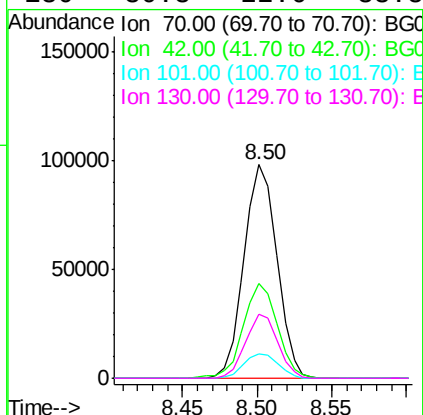




#19
n-Nitroso-di-n-propylamine
Concen: 26.65 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

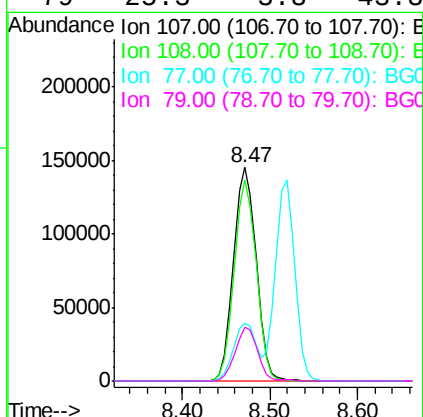
Instrument :
BNA_G
ClientSampled :
PB82610BS

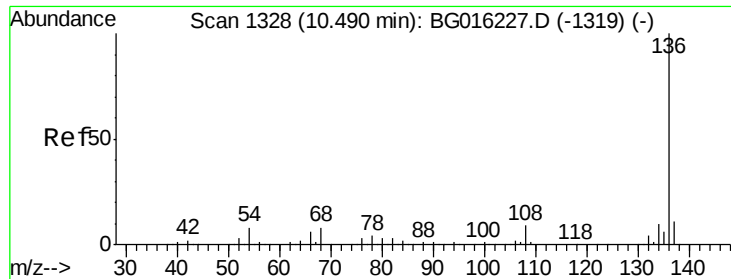
Tot Ion: 70 Resp: 150019
Ion Ratio Lower Upper
70 100
42 44.2 34.7 52.1
101 11.6 9.2 13.8
130 30.3 22.6 33.8



#20
3+4-Methylphenols
Concen: 32.59 ng
RT: 8.47 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion: 107 Resp: 254405
Ion Ratio Lower Upper
107 100
108 94.0 69.5 109.5
77 27.0 8.2 48.2
79 25.3 3.8 43.8

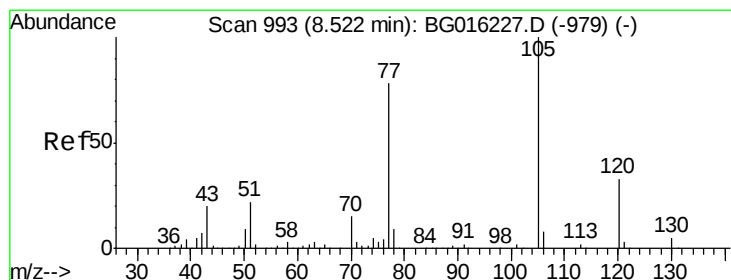
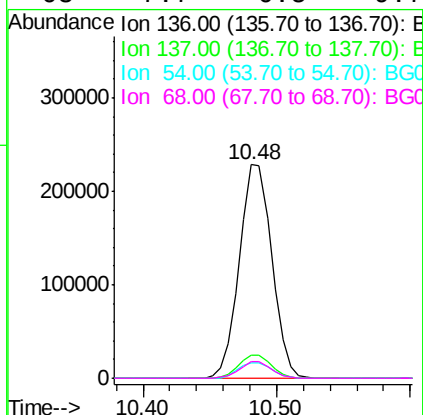
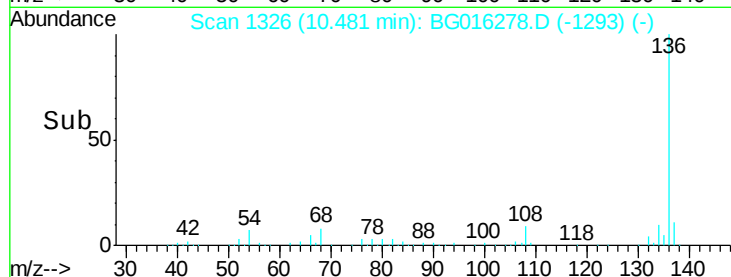
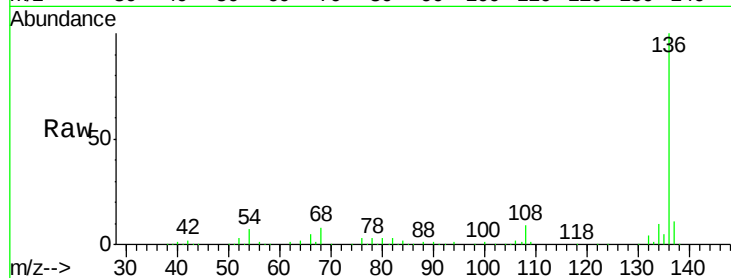




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

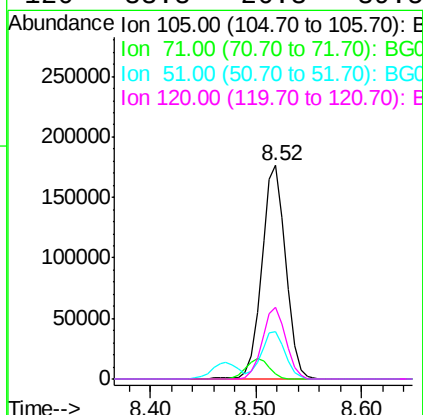
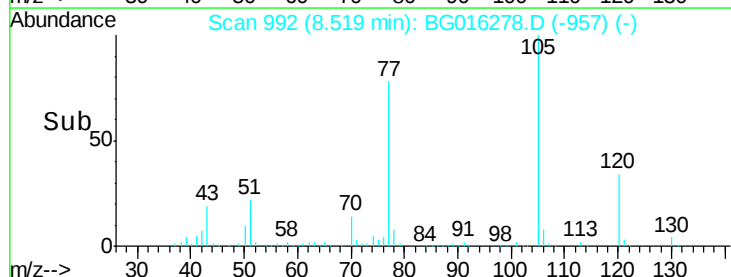
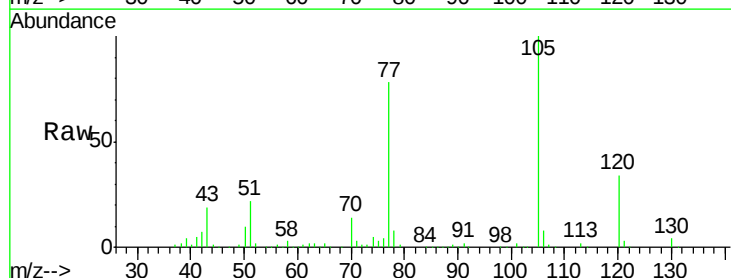
Instrument :
BNA_G
ClientSampleId :
PB82610BS

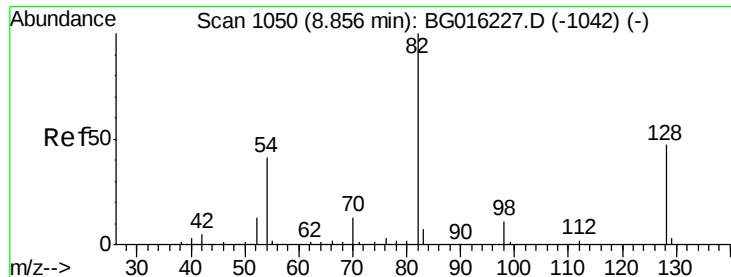
Tot Ion:136	Resp:	384335
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	7.4	6.3 9.5
68	7.7	6.5 9.7



#22
Acetophenone
Concen: 31.23 ng
RT: 8.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:105	Resp:	278348
Ion Ratio	Lower	Upper
105	100	
71	2.6	2.0 3.0
51	22.4	17.9 26.9
120	33.8	26.3 39.5

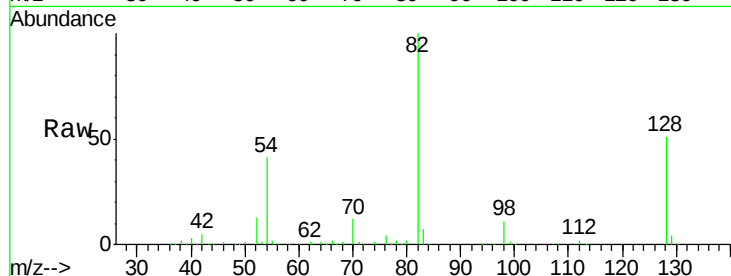




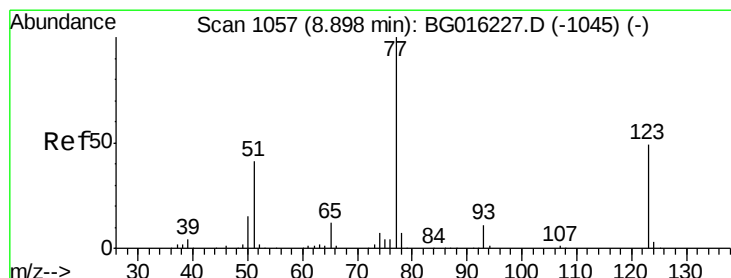
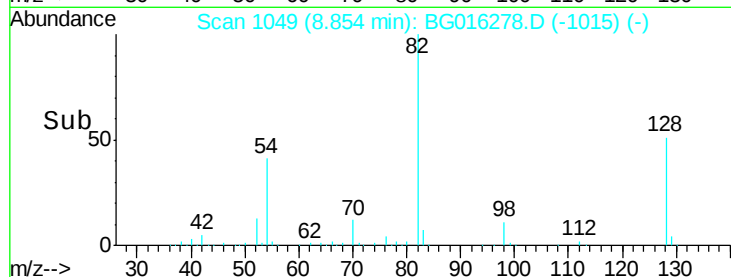
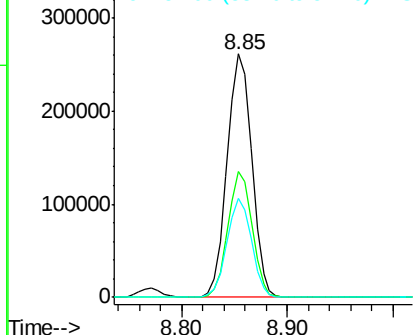
#23
Nitrobenzene-d5
Concen: 63.59 ng
RT: 8.85 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion: 82 Resp: 421888
Ion Ratio Lower Upper
82 100
128 51.5 37.8 56.8
54 40.8 32.6 49.0

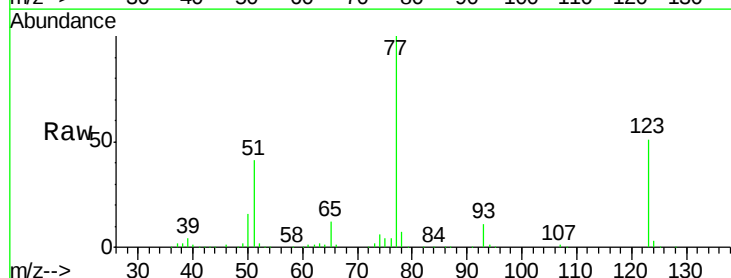


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

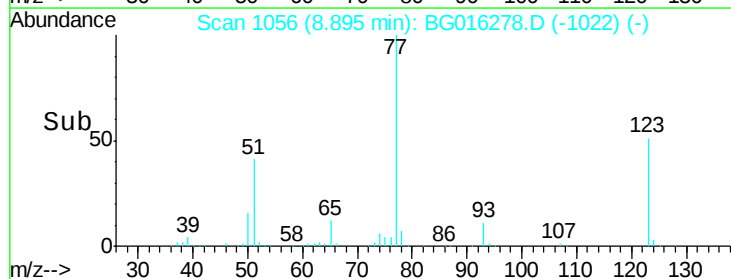
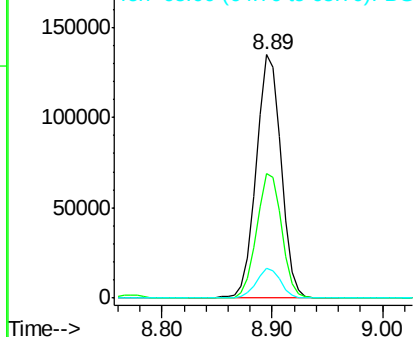


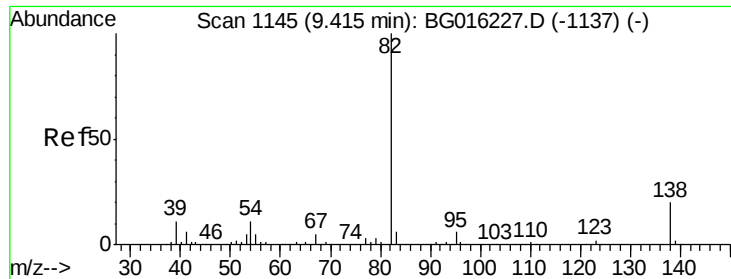
#24
Nitrobenzene
Concen: 30.16 ng
RT: 8.89 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion: 77 Resp: 213964
Ion Ratio Lower Upper
77 100
123 51.3 38.8 58.2
65 12.2 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 27.86 ng

RT: 9.41 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

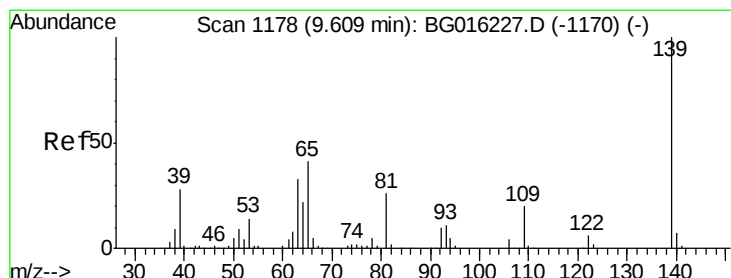
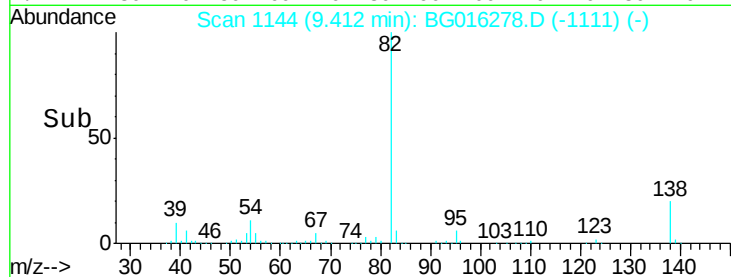
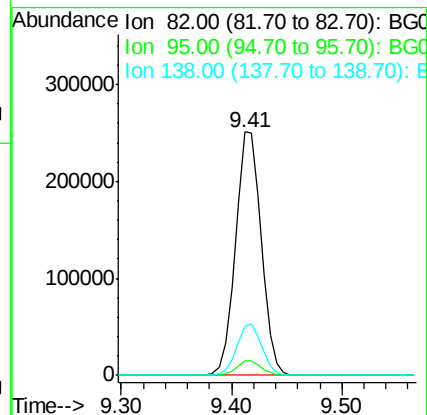
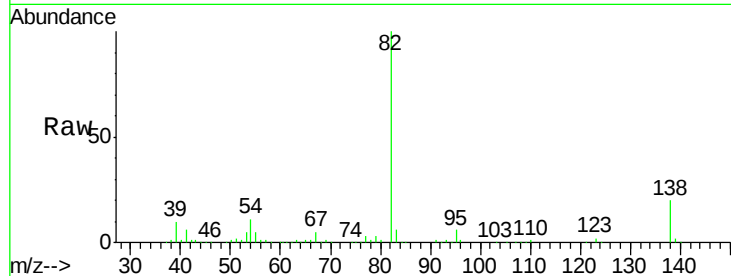
Tot Ion: 82 Resp: 410465

Ion Ratio Lower Upper

82 100

95 5.9 5.0 7.6

138 20.1 16.2 24.2



#26

2-Nitrophenol

Concen: 35.26 ng

RT: 9.60 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

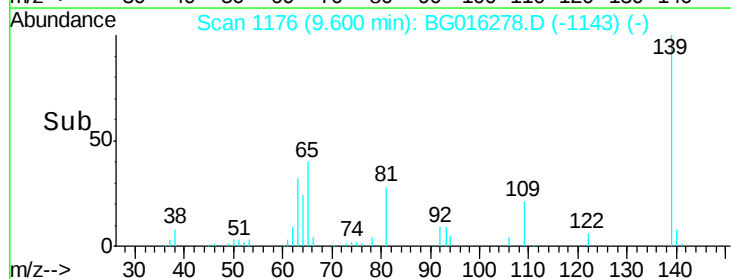
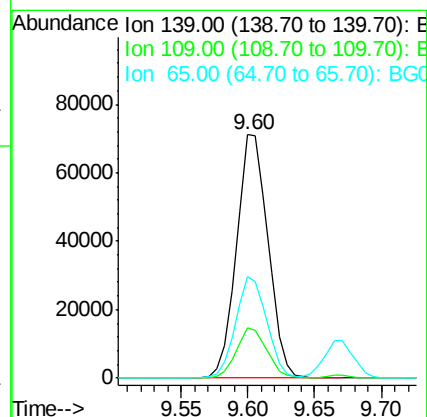
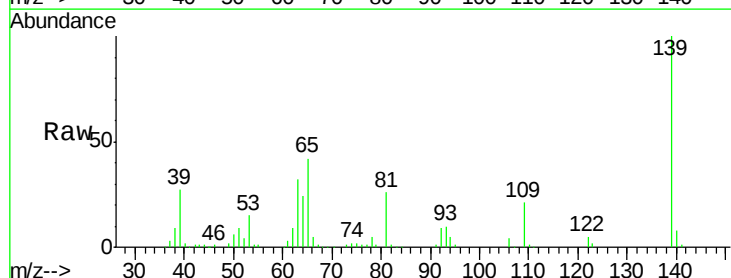
Tgt Ion: 139 Resp: 116648

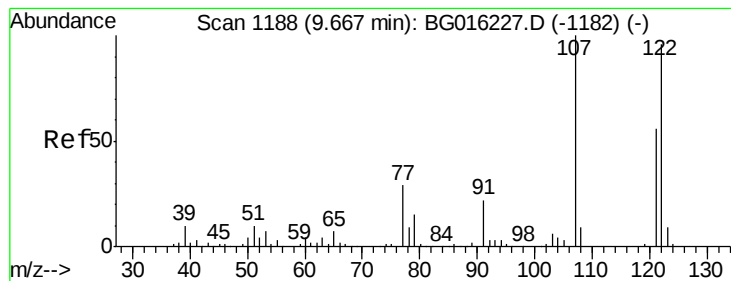
Ion Ratio Lower Upper

139 100

109 20.5 15.9 23.9

65 41.5 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 34.40 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

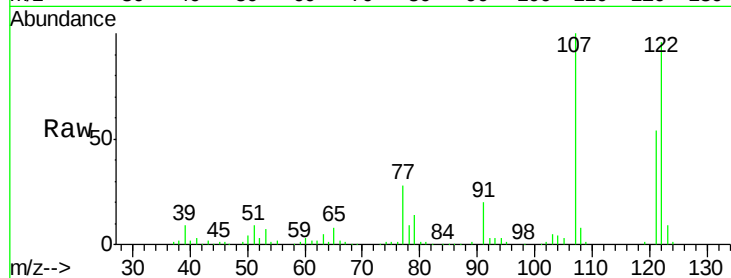
Tot Ion:122 Resp: 212002

Ion Ratio Lower Upper

122 100

107 104.7 83.4 125.2

121 56.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

200000

150000

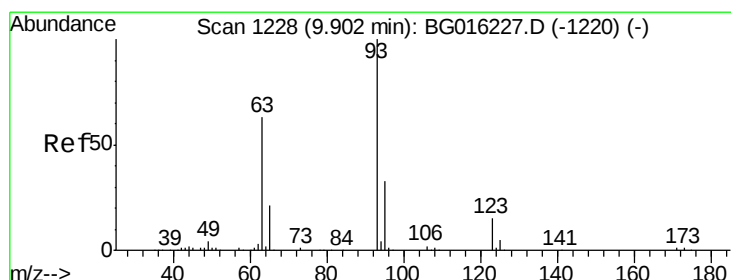
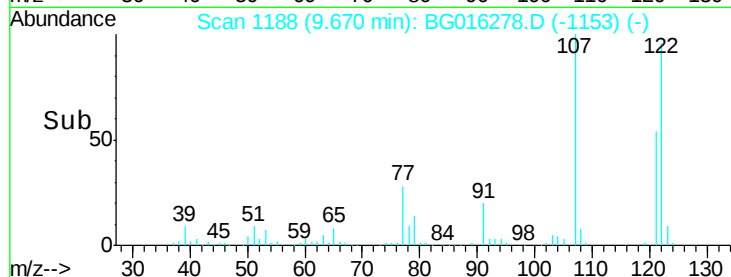
100000

50000

0

9.60 9.65 9.70

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 30.71 ng

RT: 9.91 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

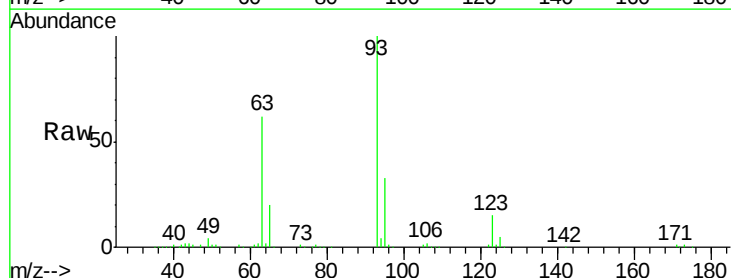
Tgt Ion: 93 Resp: 258289

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 15.1 11.8 17.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

200000

150000

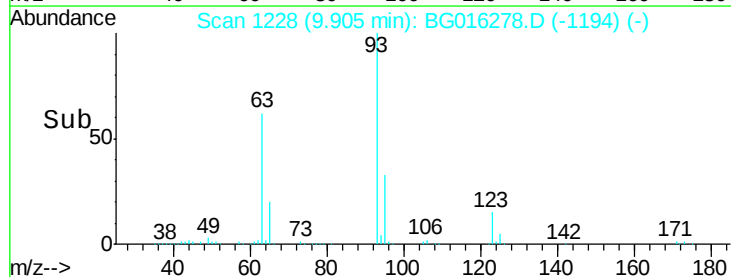
100000

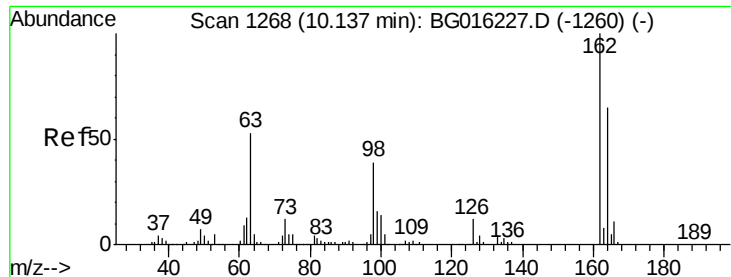
50000

0

9.80 9.90 10.00

Time-->





#29

2,4-Dichlorophenol

Concen: 37.32 ng

RT: 10.13 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

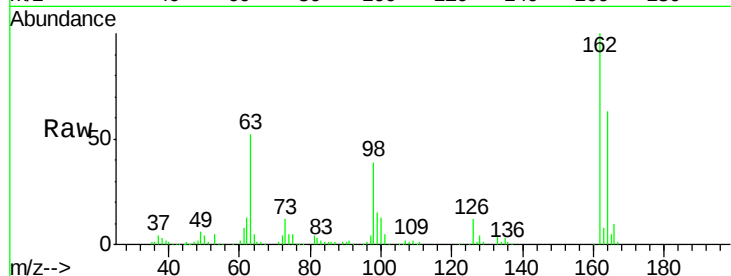
Tot Ion:162 Resp: 181998

Ion Ratio Lower Upper

162 100

164 63.5 45.0 85.0

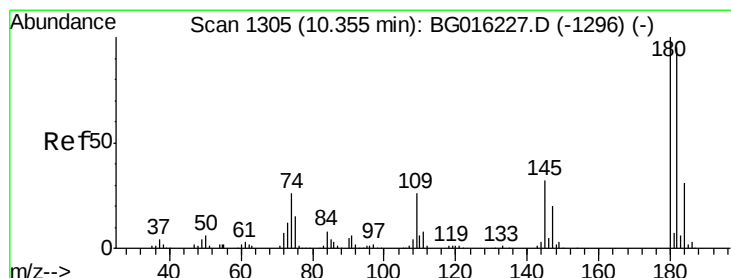
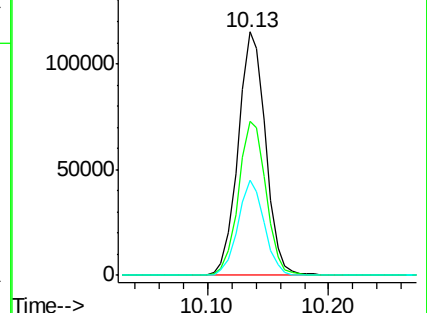
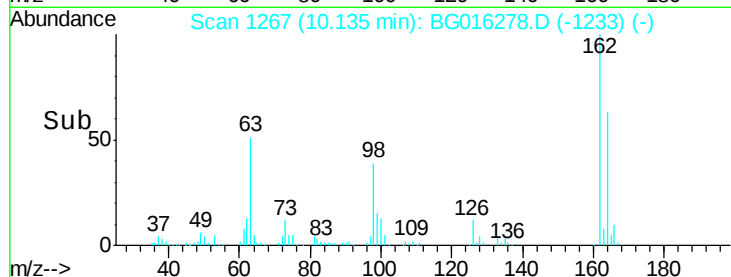
98 39.0 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.11 ng

RT: 10.35 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

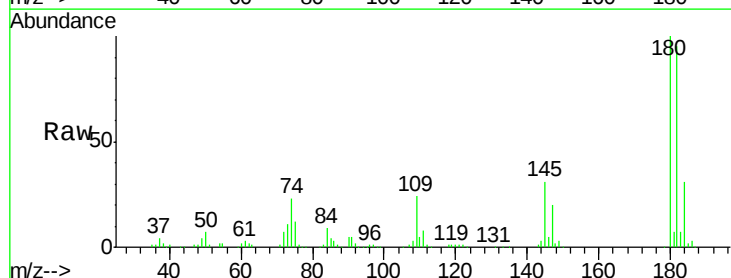
Tgt Ion:180 Resp: 163465

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

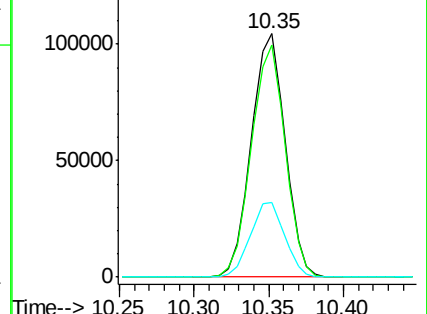
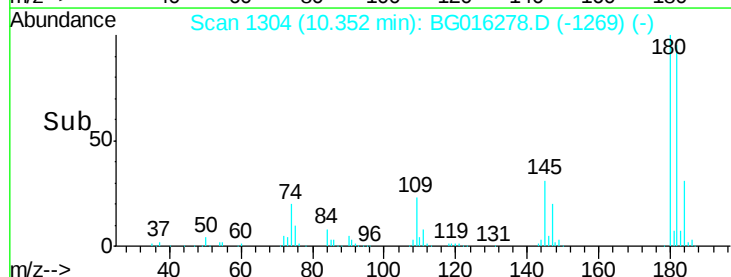
145 30.9 25.2 37.8

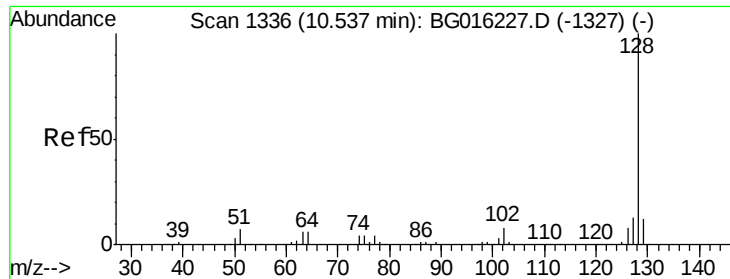


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

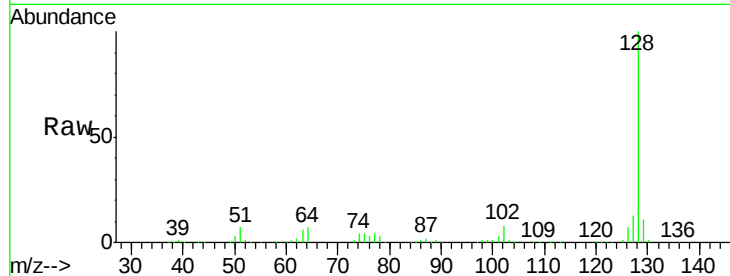




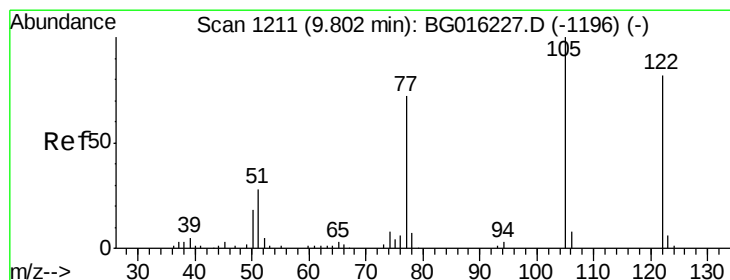
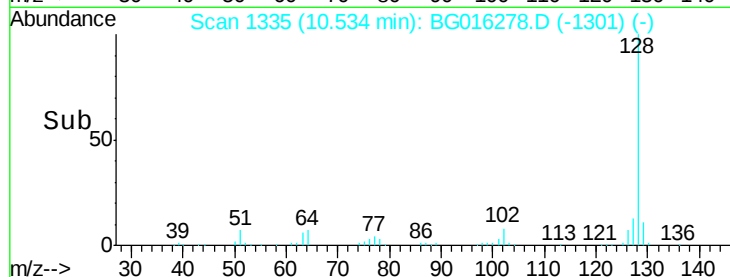
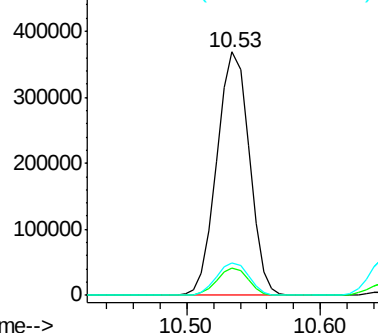
#31
Naphthalene
Concen: 30.88 ng
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion:128 Resp: 618365
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.6 16.0

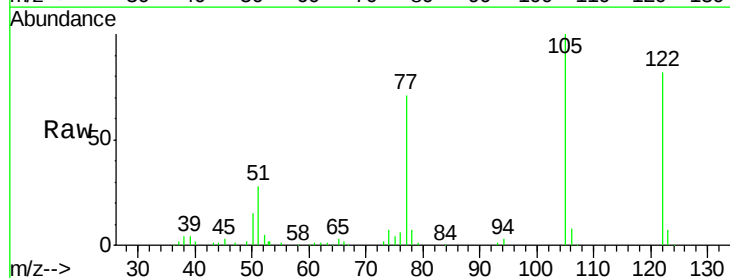


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

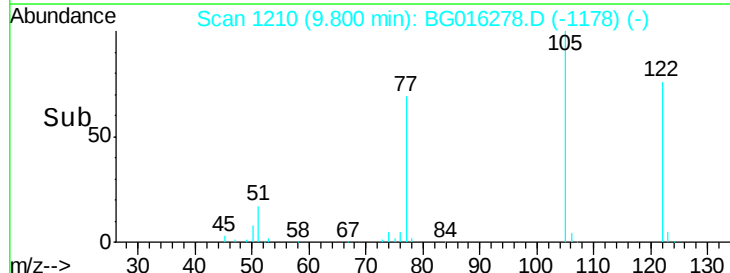
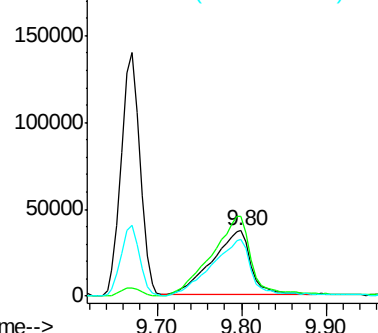


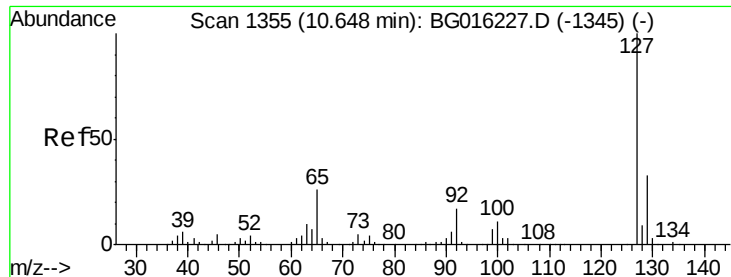
#32
Benzoic acid
Concen: 33.00 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:122 Resp: 119270
Ion Ratio Lower Upper
122 100
105 121.3 99.7 139.7
77 85.6 66.8 106.8



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

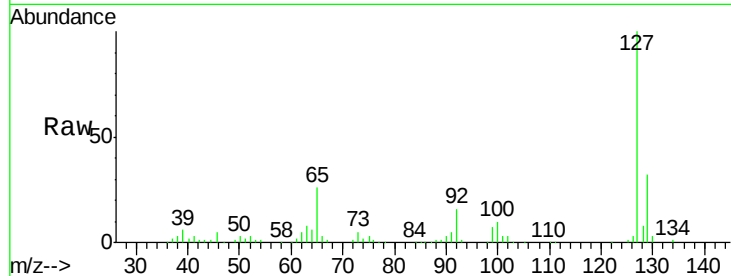




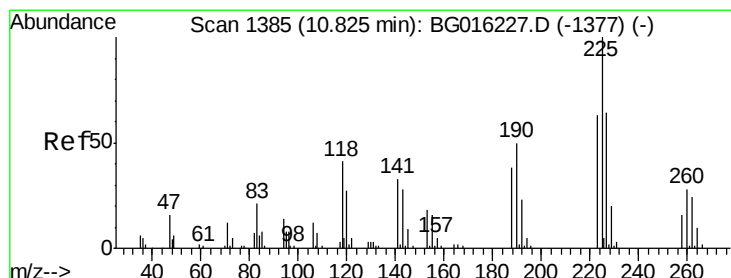
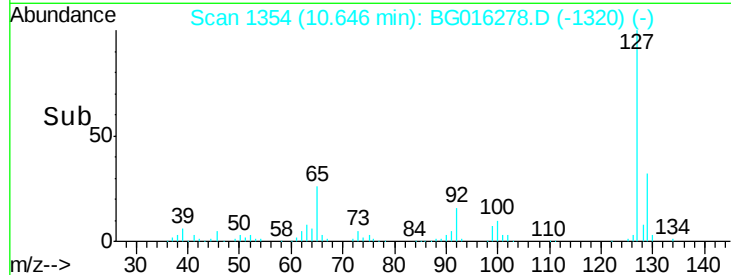
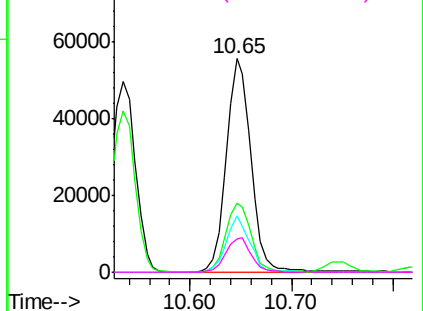
#33
4-Chloroaniline
Concen: 9.98 ng
RT: 10.65 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion:	127	Resp:	93752
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	26.2	21.2	31.8
92	15.8	13.8	20.6

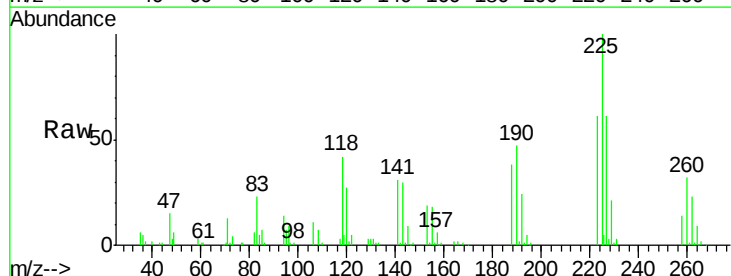


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

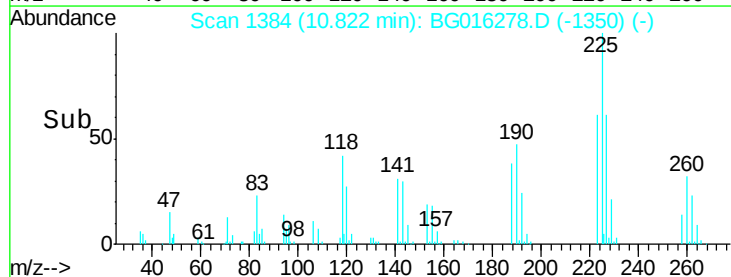
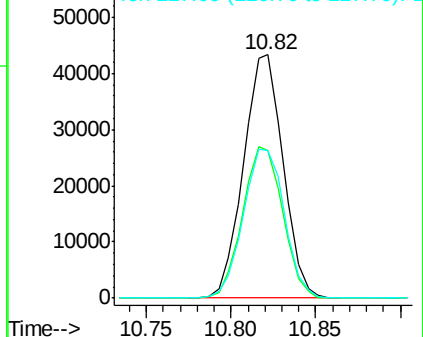


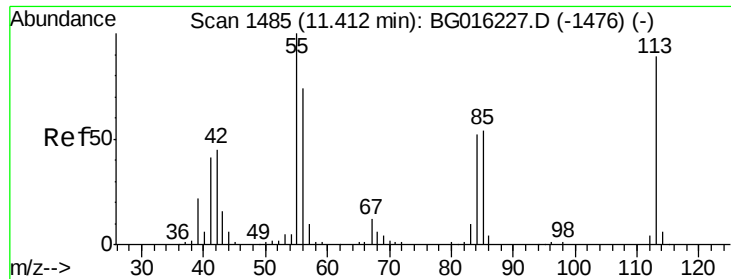
#34
Hexachlorobutadiene
Concen: 31.52 ng
RT: 10.82 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:	225	Resp:	70495
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.4	75.6
227	60.5	51.2	76.8



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: 32.18 ng/mL

RT: 11.41 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

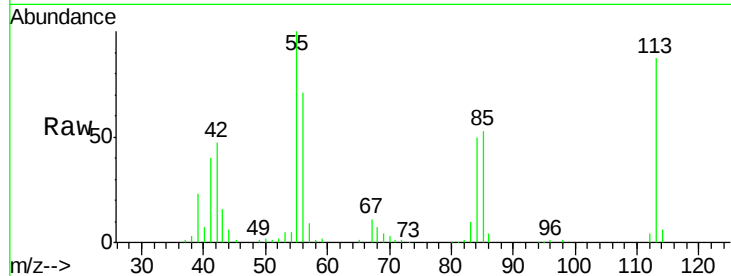
Tot Ion:113 Resp: 98789

Ion Ratio Lower Upper

113 100

55 114.3 92.4 132.4

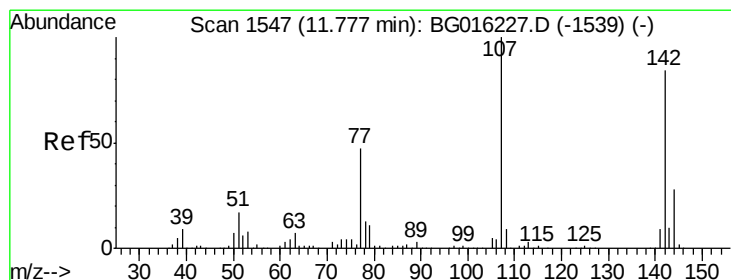
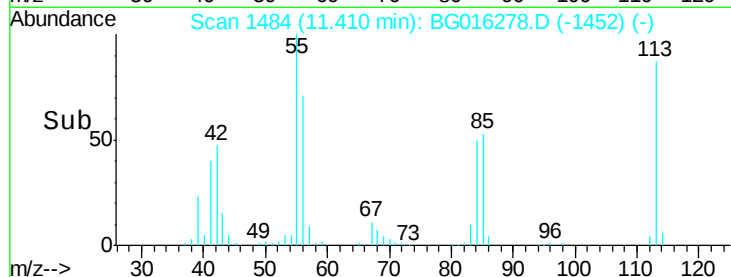
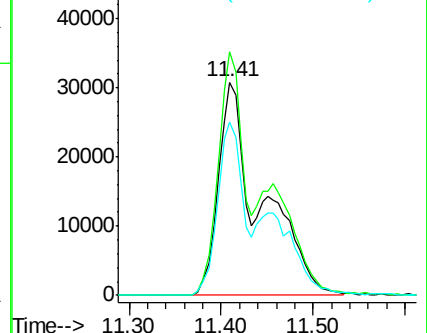
56 81.0 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.92 ng/mL

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

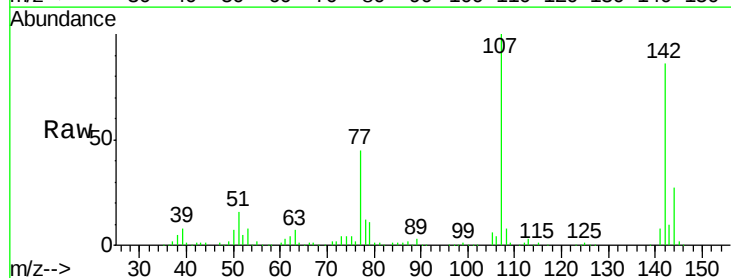
Tgt Ion:107 Resp: 218472

Ion Ratio Lower Upper

107 100

144 26.9 22.0 33.0

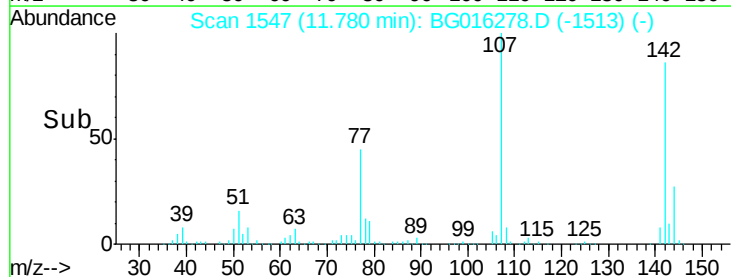
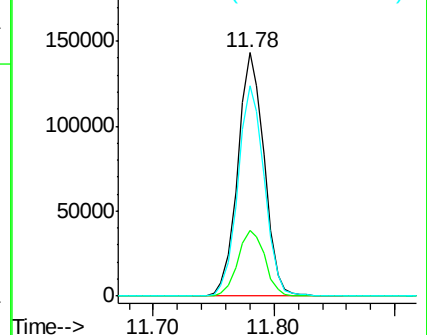
142 86.3 67.0 100.6

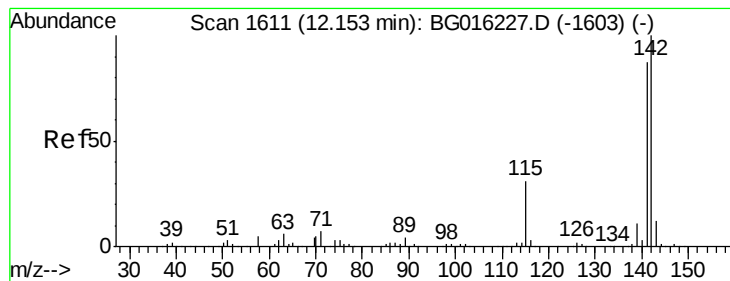


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.41 ng

RT: 12.15 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

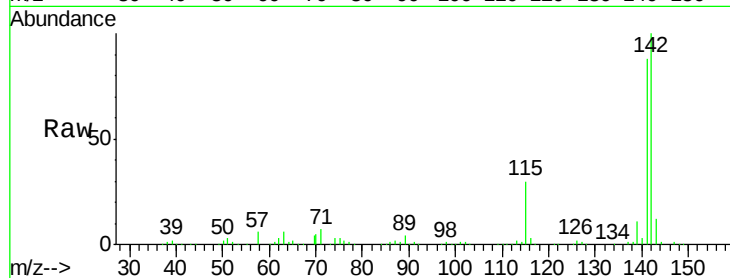
Tot Ion:142 Resp: 452536

Ion Ratio Lower Upper

142 100

141 87.7 69.3 103.9

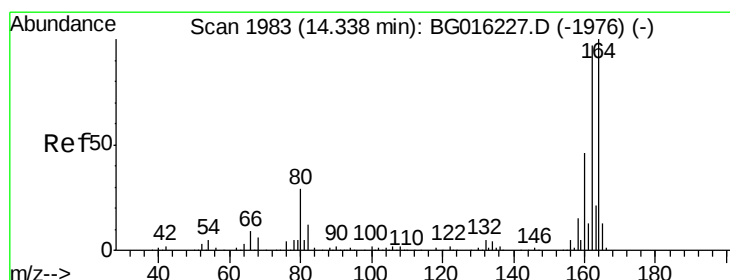
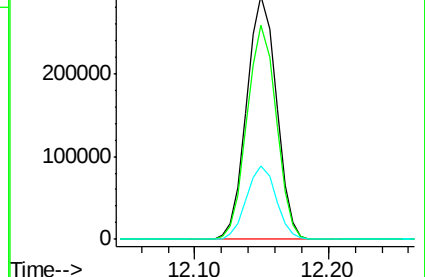
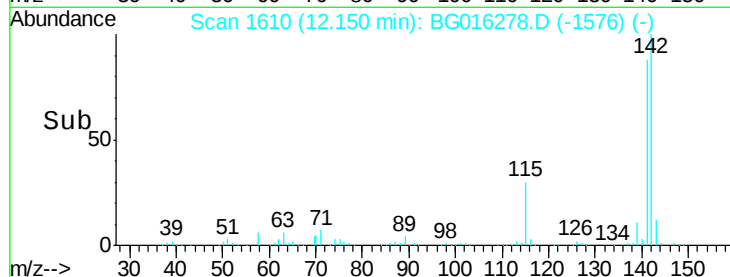
115 30.1 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

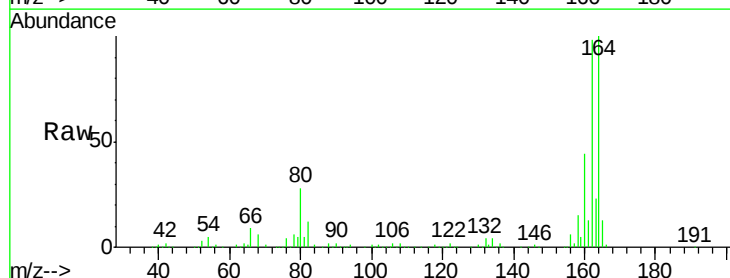
Tgt Ion:164 Resp: 222537

Ion Ratio Lower Upper

164 100

162 97.9 77.3 115.9

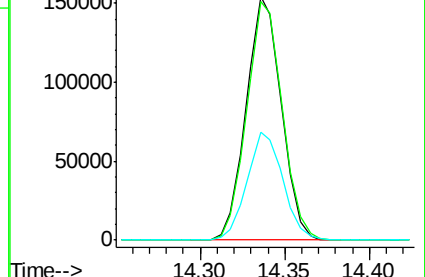
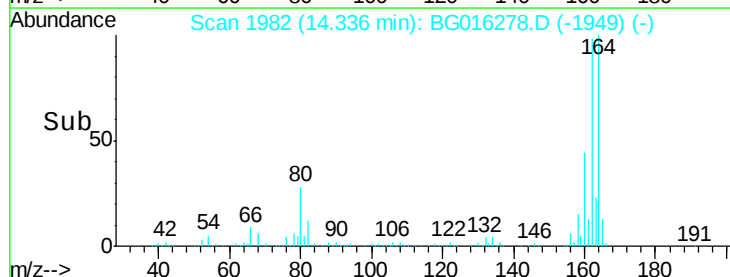
160 44.3 36.7 55.1

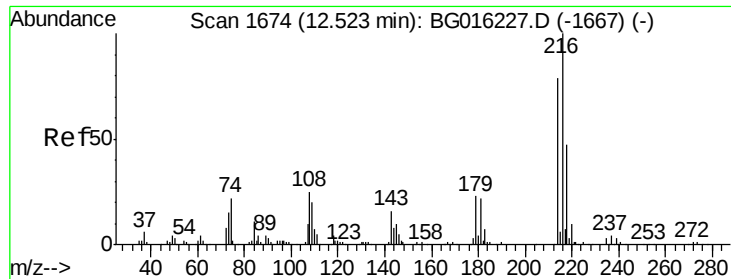


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

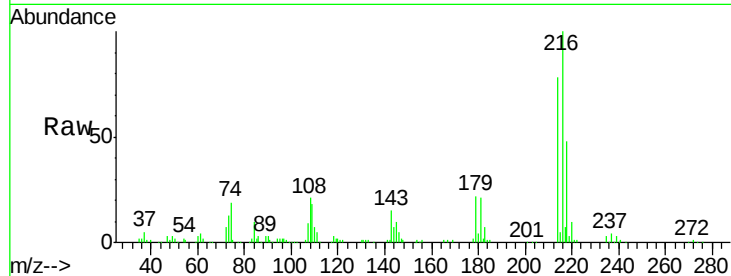




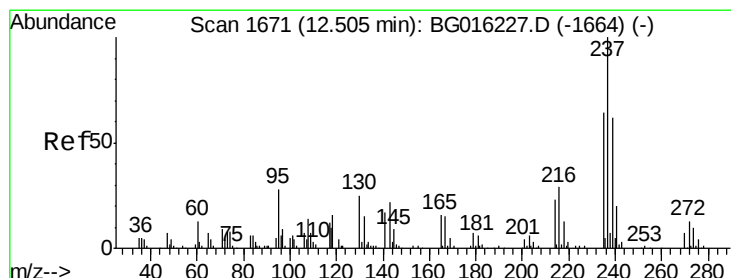
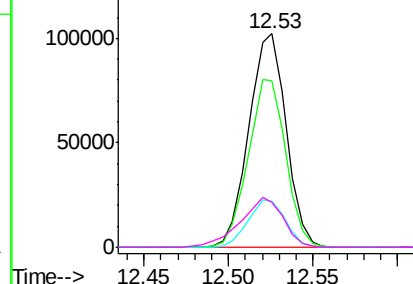
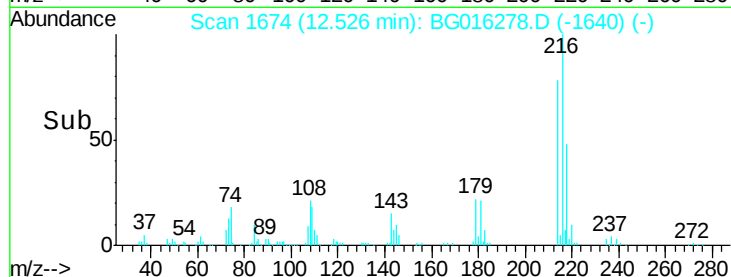
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.00 ng
 RT: 12.53 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

Tot Ion:216	Resp:	156766
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.4 95.0
179	22.2	18.2 27.2
108	26.6	21.2 31.8

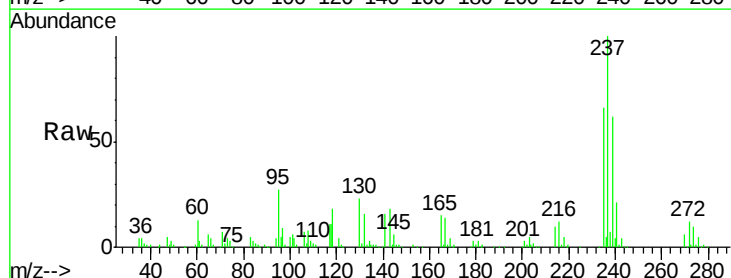


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

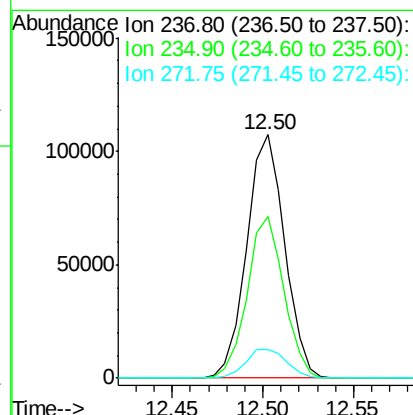
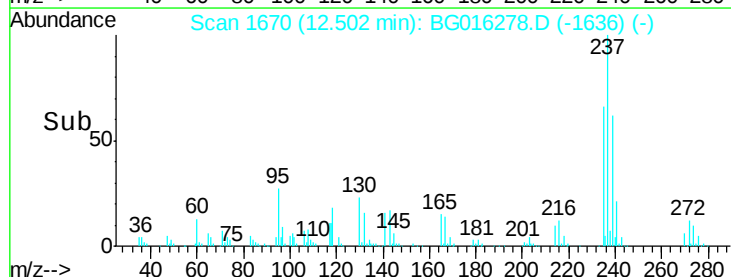


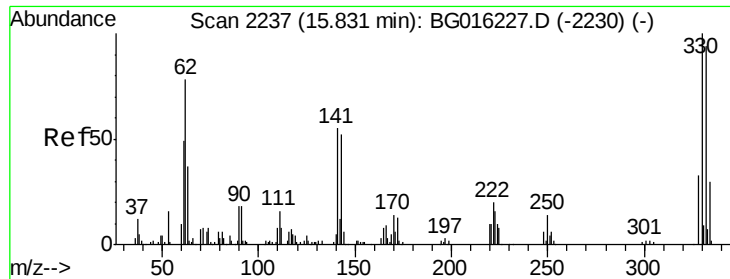
#40
 Hexachlorocyclopentadiene
 Concen: 69.43 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion:237	Resp:	155701
Ion Ratio	Lower	Upper
237	100	
235	66.2	43.9 83.9
272	12.0	0.0 33.1



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

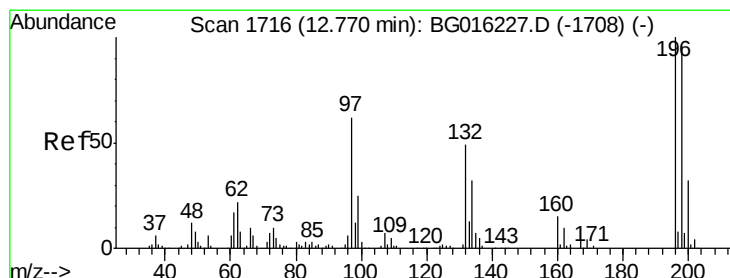
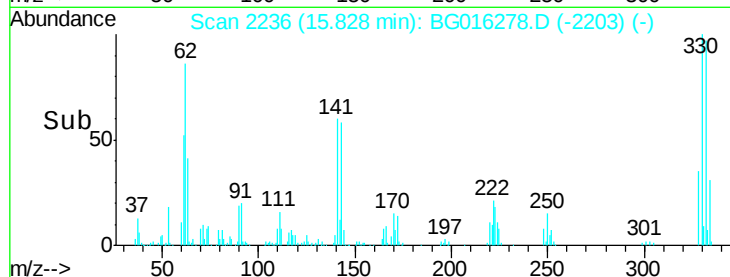
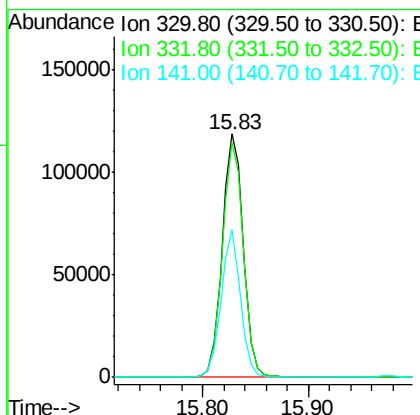
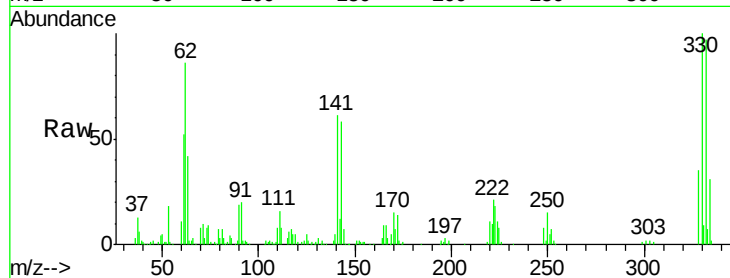




#41
 2,4,6-Tribromophenol
 Concen: 108.54 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

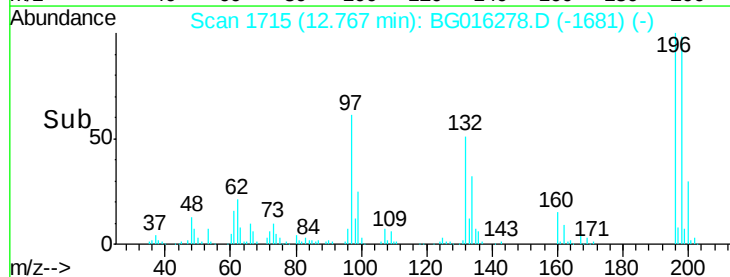
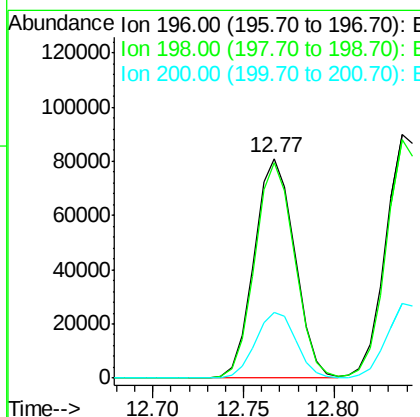
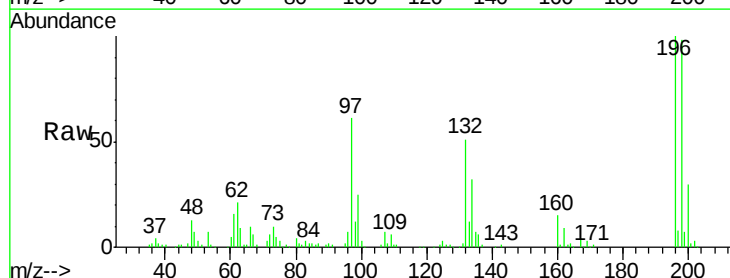
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

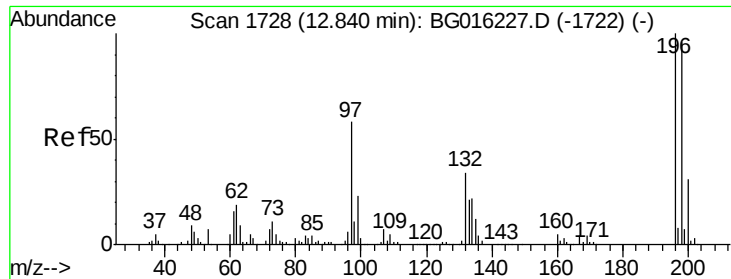
Tot Ion:330 Resp: 163358
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 56.3 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 34.37 ng
 RT: 12.77 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion:196 Resp: 125143
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.2 115.8
 200 29.9 25.3 37.9

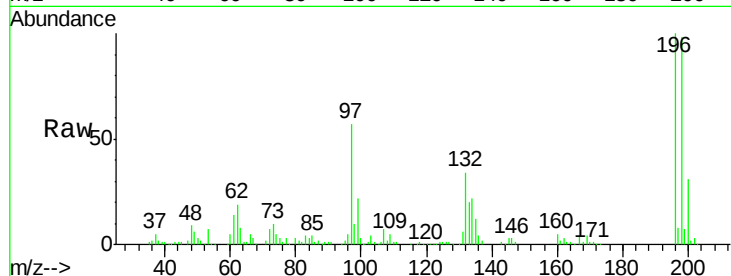




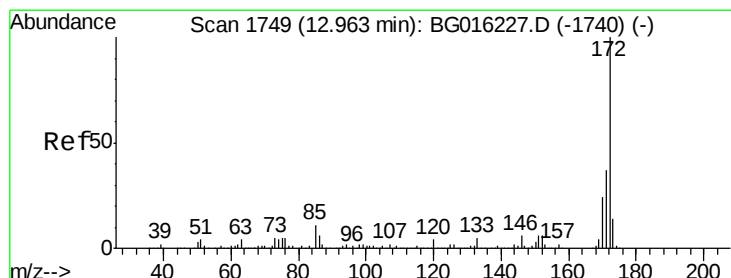
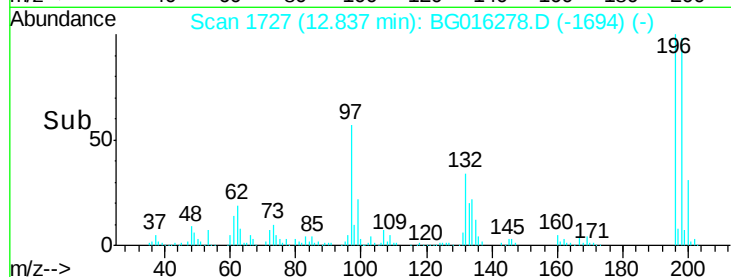
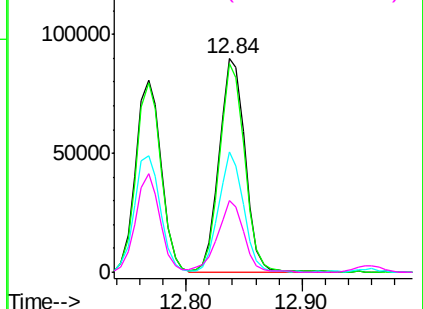
#43
 2,4,5-Trichlorophenol
 Concen: 35.82 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.8	77.1	115.7	
97	56.6	46.6	69.8	
132	33.5	27.0	40.6	

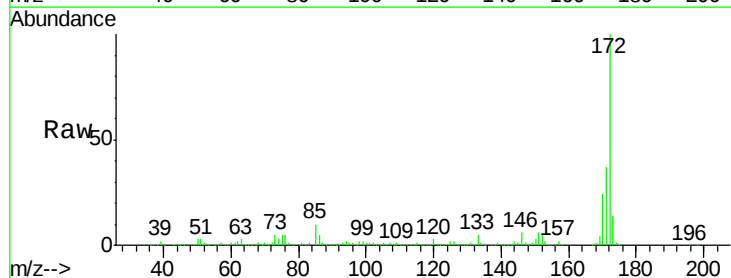


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

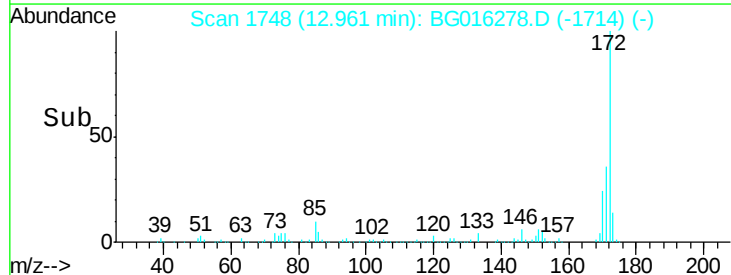
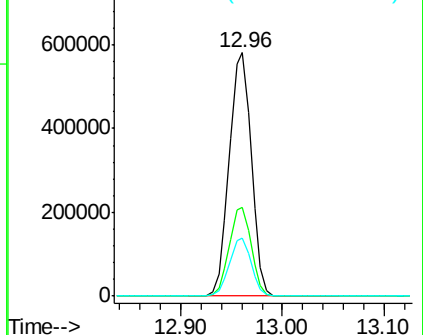


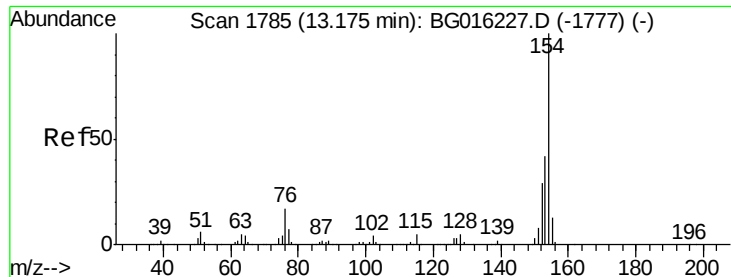
#44
 2-Fluorobiphenyl
 Concen: 67.30 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.6	44.4	
170	23.9	19.4	29.2	



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

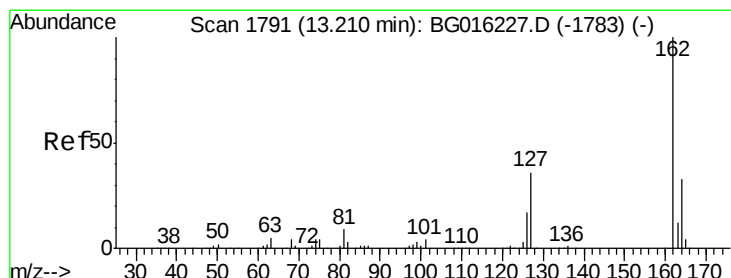
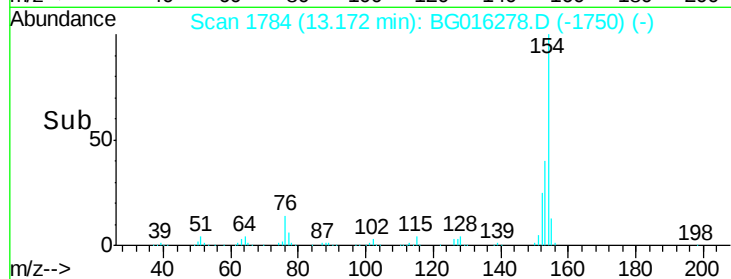
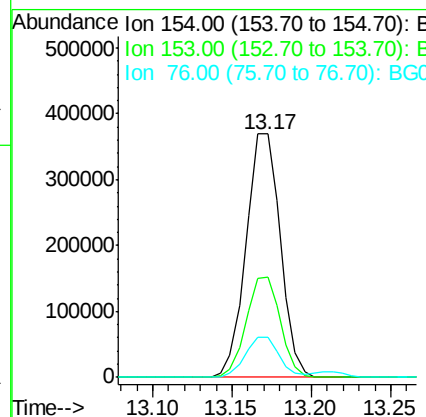
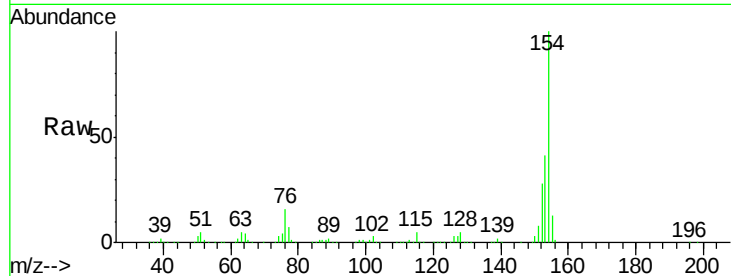




#45
 1,1'-Biphenyl
 Concen: 32.41 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

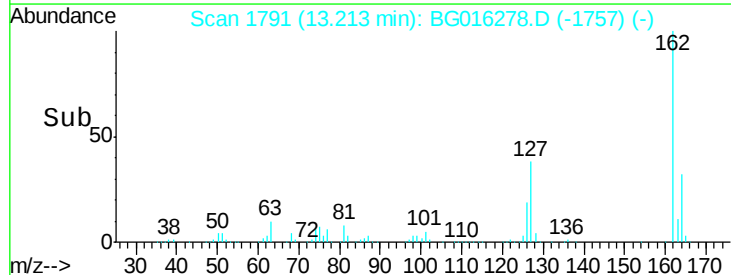
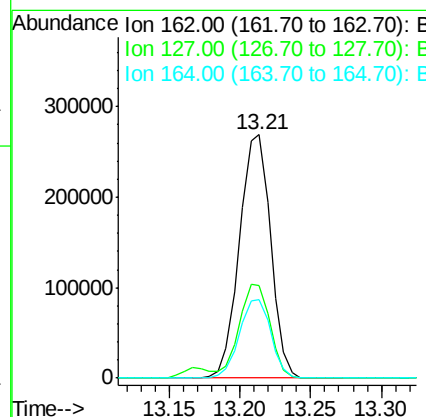
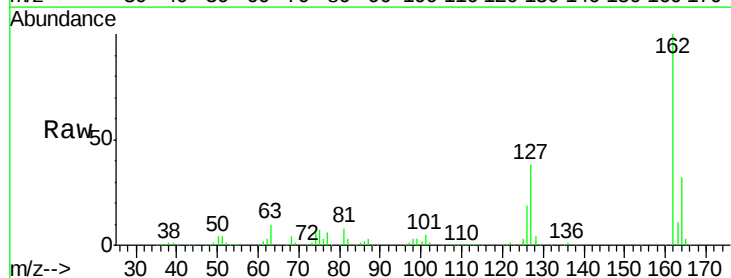
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

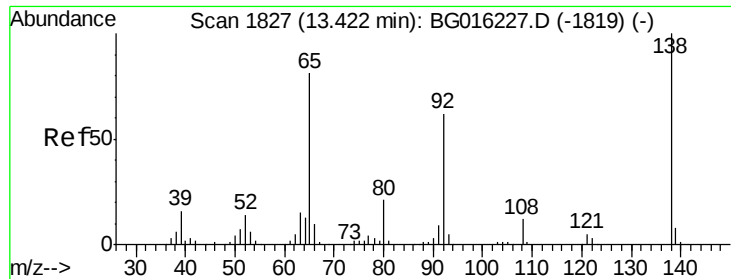
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.4	62.4
76	16.3	0.0	37.1



#46
 2-Chloronaphthalene
 Concen: 31.90 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.8	46.2
164	32.4	26.6	40.0

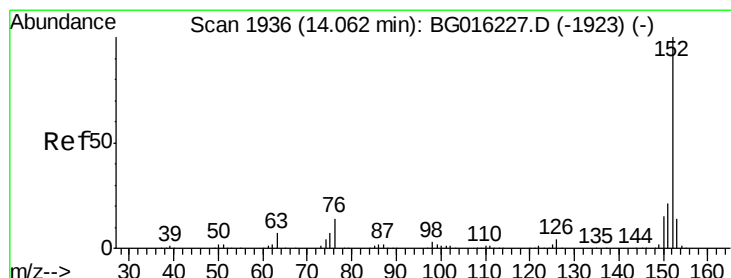
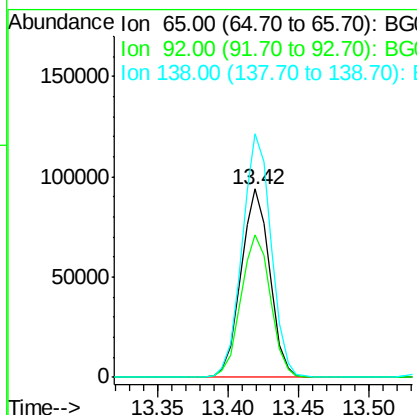
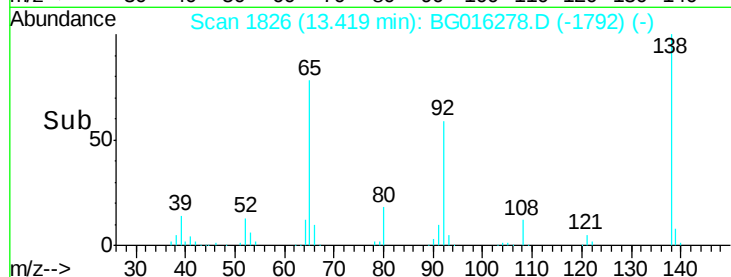
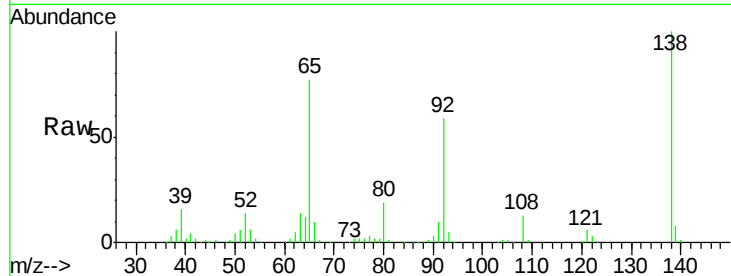




#47
 2-Nitroaniline
 Concen: 31.93 ng
 RT: 13.42 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

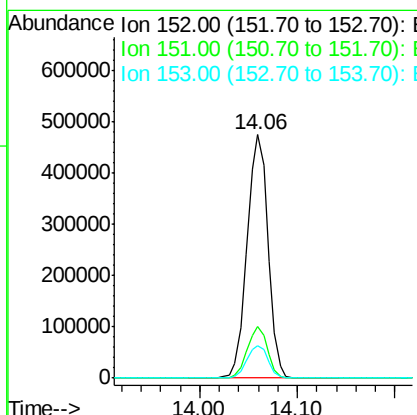
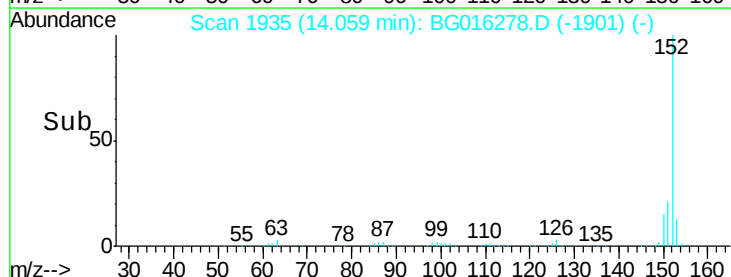
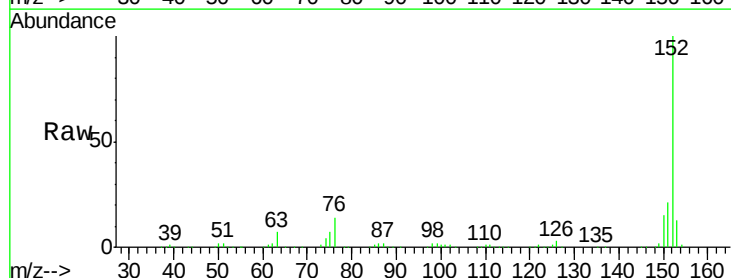
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

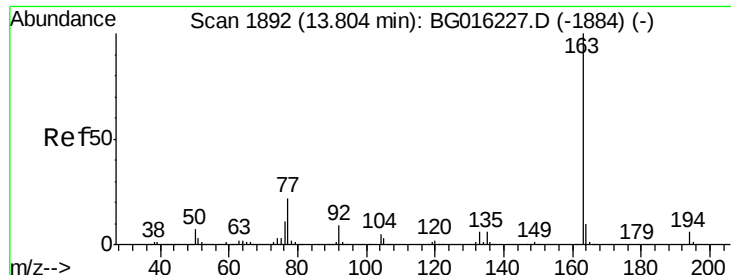
Tot Ion: 65 Resp: 133833
 Ion Ratio Lower Upper
 65 100
 92 75.6 61.0 91.6
 138 129.3 98.7 148.1



#48
 Acenaphthylene
 Concen: 30.86 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion: 152 Resp: 713527
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.5 24.7
 153 13.4 11.1 16.7





#49

Dimethylphthalate

Concen: 30.76 ng

RT: 13.80 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

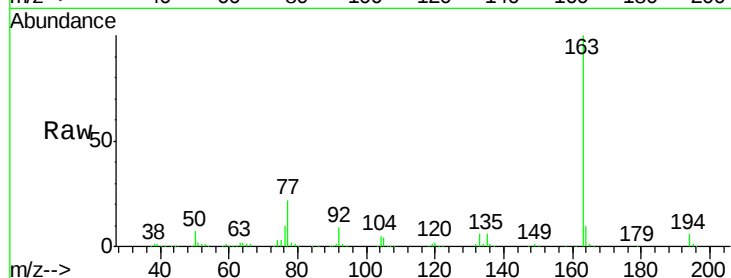
Tot Ion:163 Resp: 501612

Ion Ratio Lower Upper

163 100

194 6.1 5.0 7.4

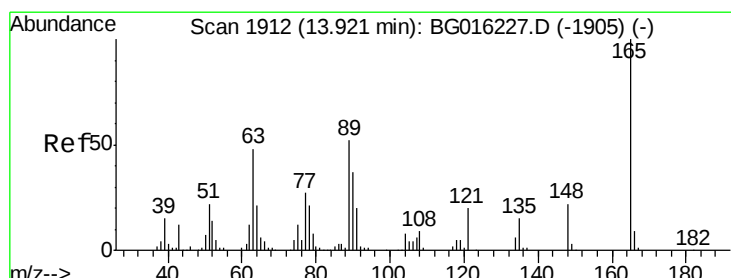
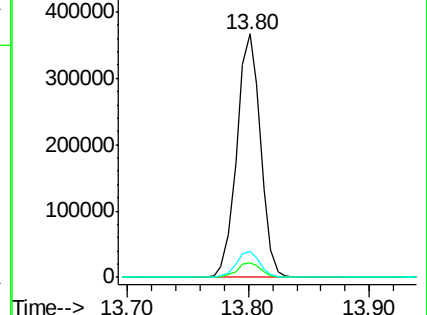
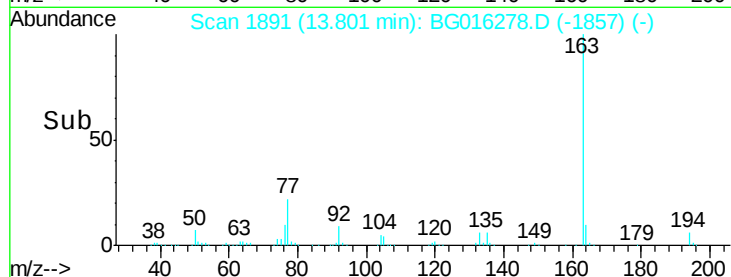
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.60 ng

RT: 13.92 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

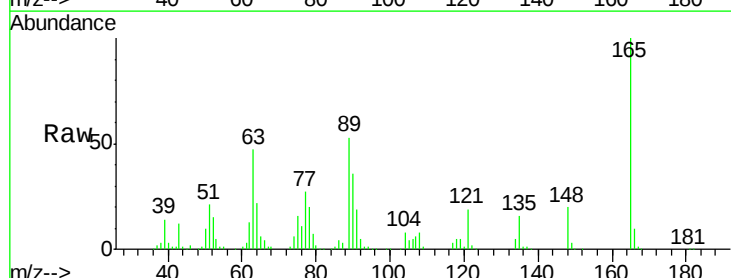
Tgt Ion:165 Resp: 128587

Ion Ratio Lower Upper

165 100

63 47.4 39.3 58.9

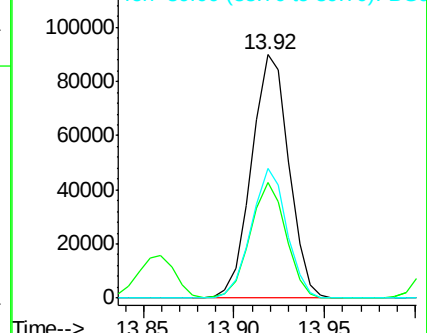
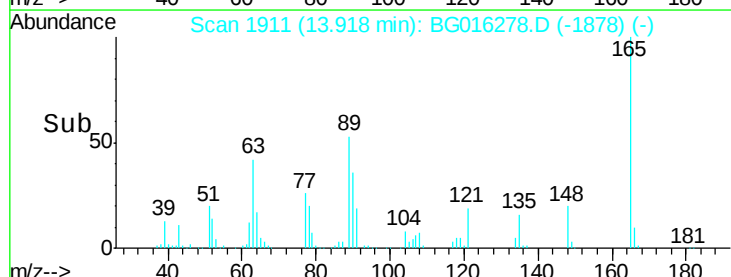
89 53.2 41.3 61.9

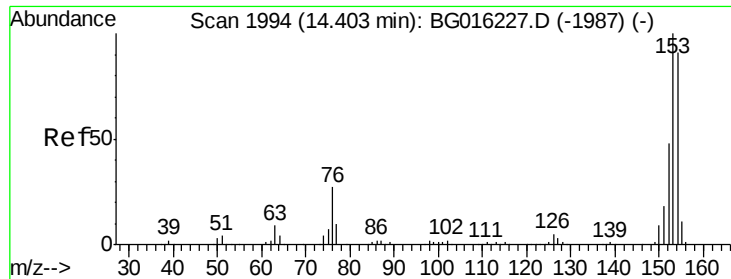


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 31.32 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

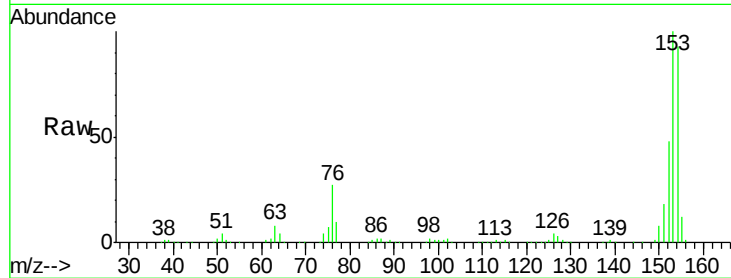
Tot Ion:154 Resp: 432778

Ion Ratio Lower Upper

154 100

153 108.0 87.5 131.3

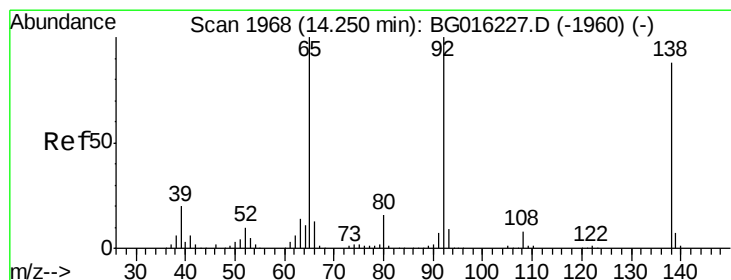
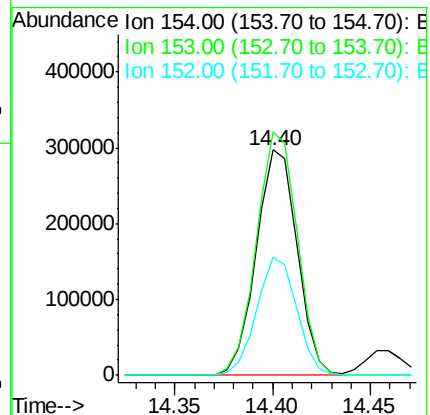
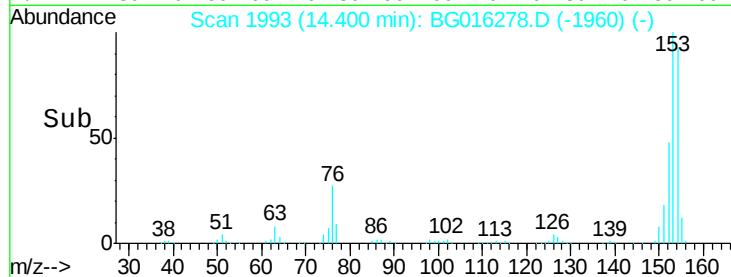
152 52.1 42.1 63.1



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: 18.22 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

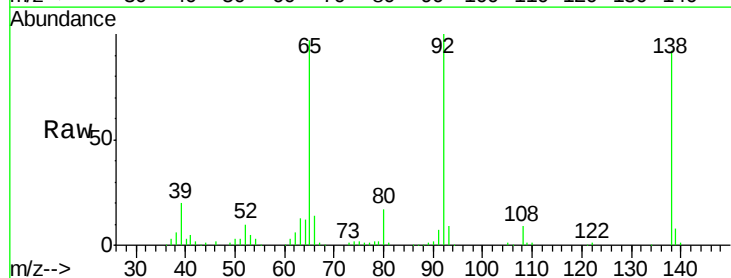
Tgt Ion:138 Resp: 91788

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.0

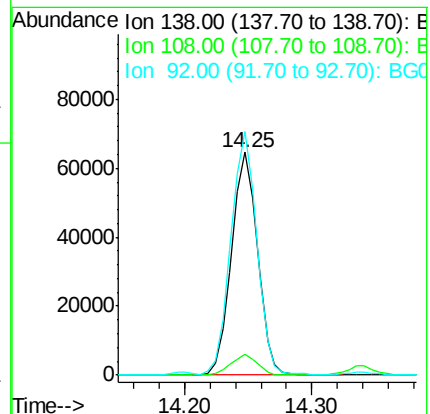
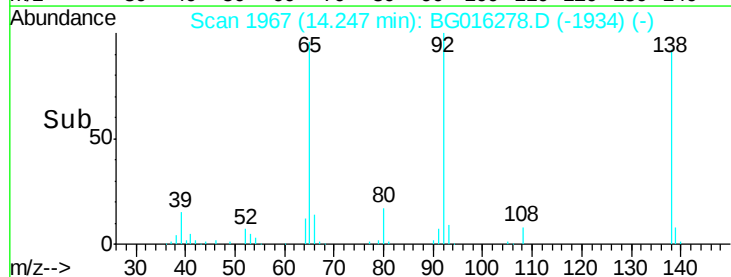
92 109.2 91.4 137.0

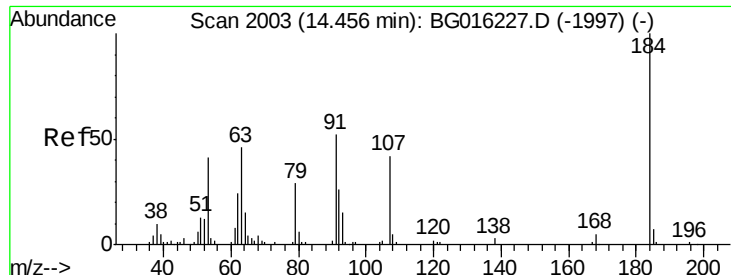


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

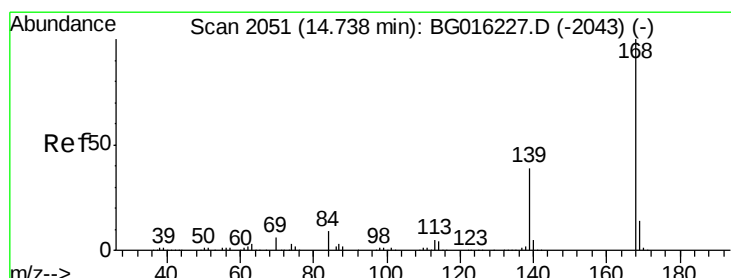
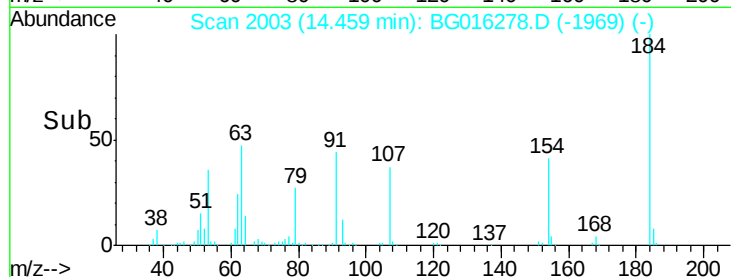
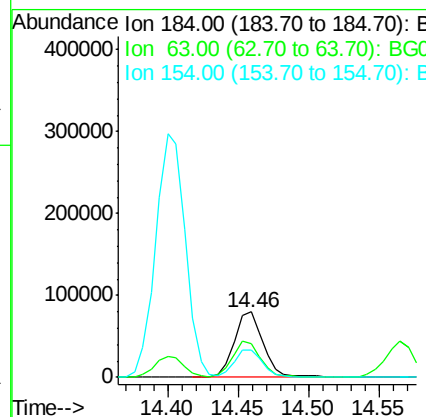
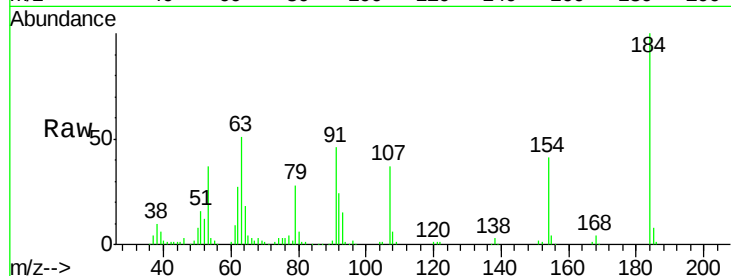




#53
 2,4-Dinitrophenol
 Concen: 53.66 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

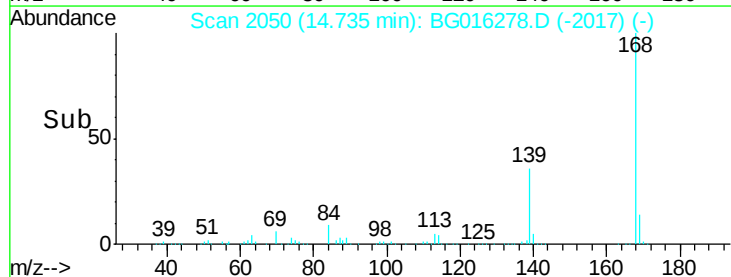
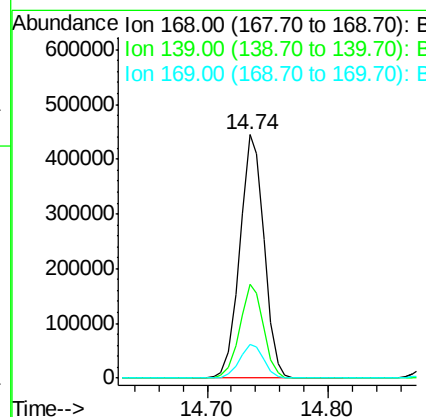
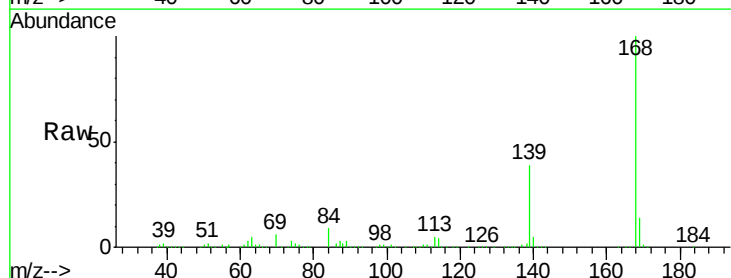
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

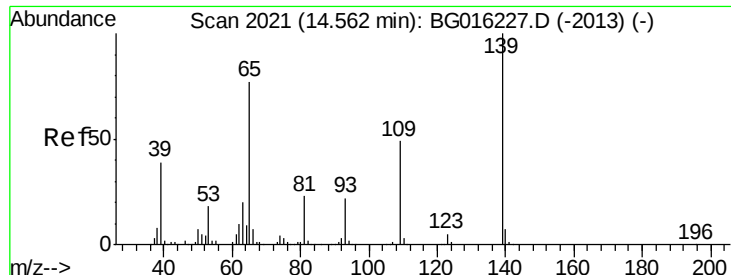
Tot Ion:184 Resp: 115558
 Ion Ratio Lower Upper
 184 100
 63 51.4 45.8 68.6
 154 41.1 34.5 51.7



#54
 Dibenzofuran
 Concen: 32.40 ng
 RT: 14.74 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion:168 Resp: 621272
 Ion Ratio Lower Upper
 168 100
 139 38.6 31.0 46.6
 169 14.0 11.2 16.8

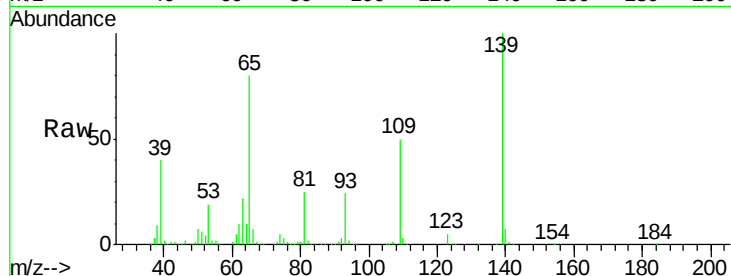




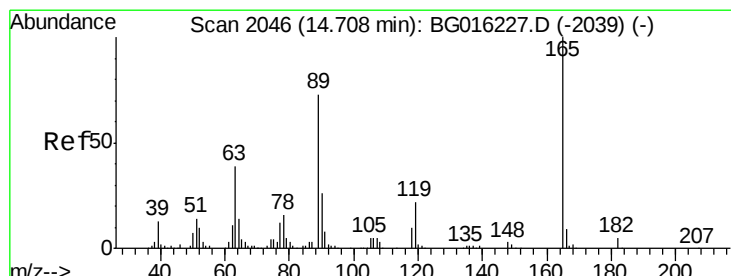
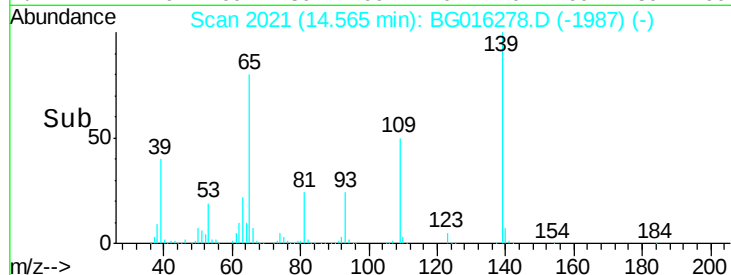
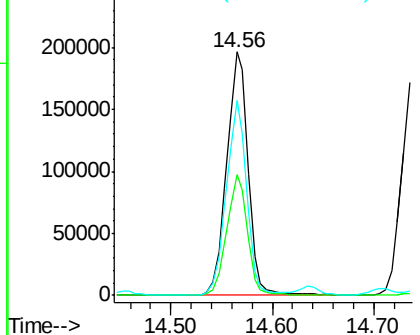
#55
4-Nitrophenol
Concen: 68.99 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	49.6	28.5	68.5
65	79.9	56.9	96.9



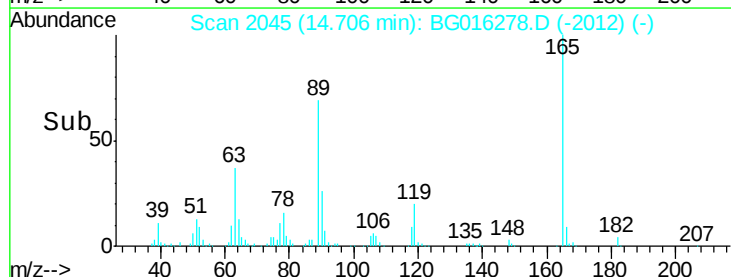
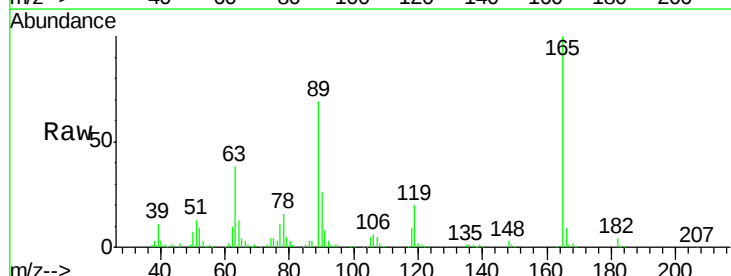
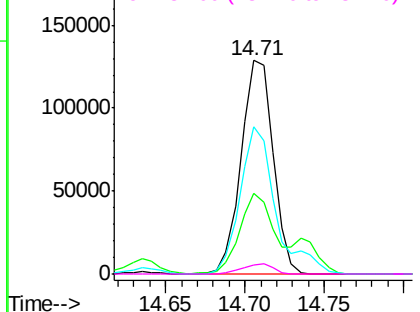
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

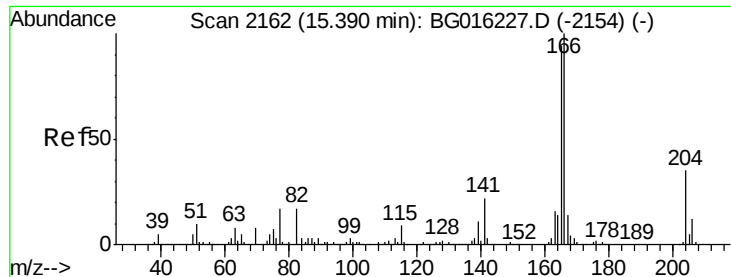


#56
2,4-Dinitrotoluene
Concen: 33.67 ng
RT: 14.71 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.8	31.4	47.2
89	69.1	58.8	88.2
182	4.3	4.1	6.1

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





#57

Fluorene

Concen: 31.84 ng

RT: 15.39 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

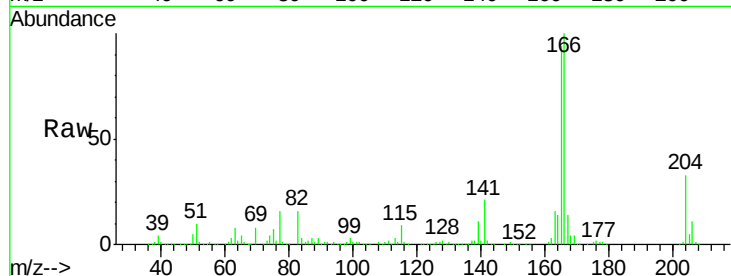
Tot Ion:166 Resp: 538562

Ion Ratio Lower Upper

166 100

165 94.0 75.2 112.8

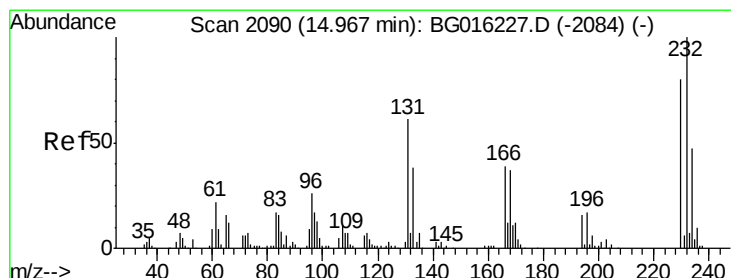
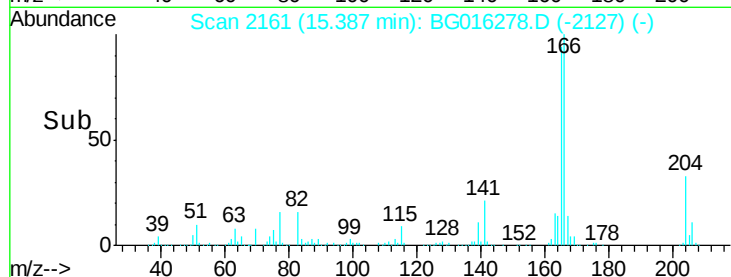
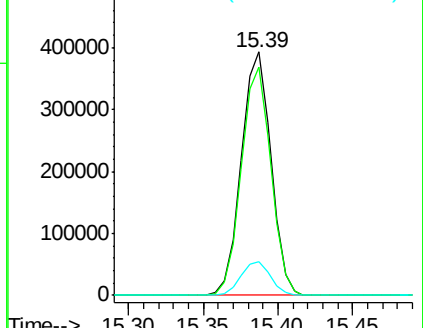
167 13.9 11.3 16.9



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: 36.19 ng

RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Tgt Ion:232 Resp: 108651

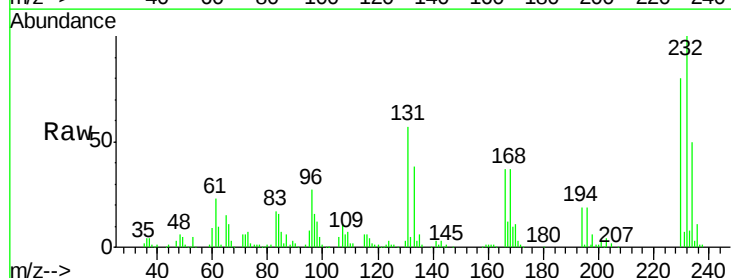
Ion Ratio Lower Upper

232 100

131 56.0 49.8 74.6

130 2.6 2.6 3.8

166 35.7 30.6 45.8

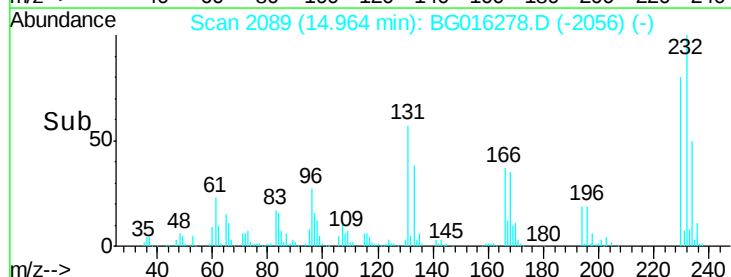
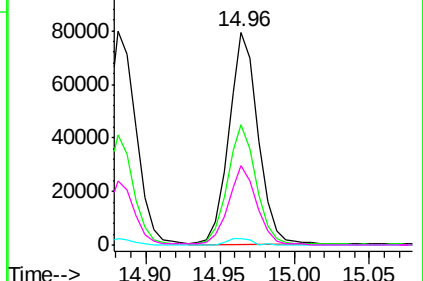


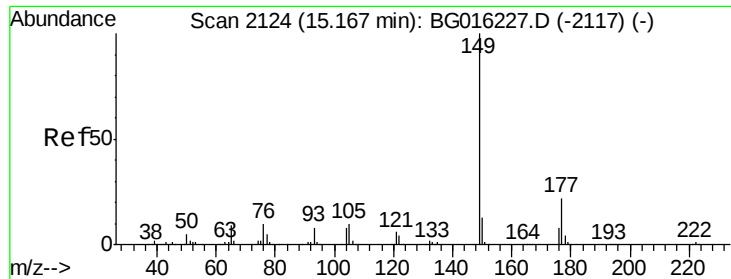
Abundance Ion 232.00 (231.70 to 232.70): E

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

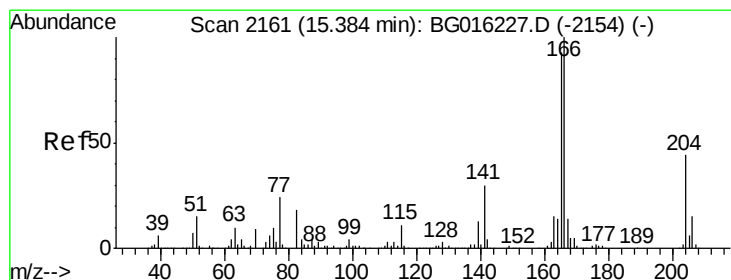
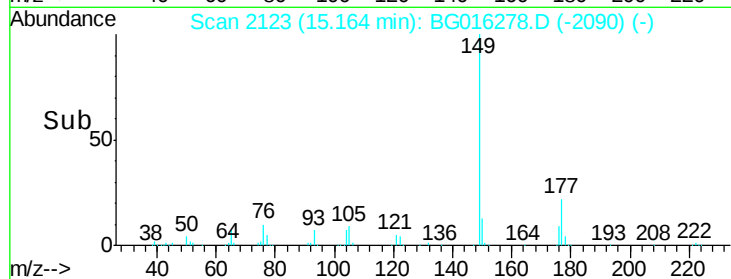
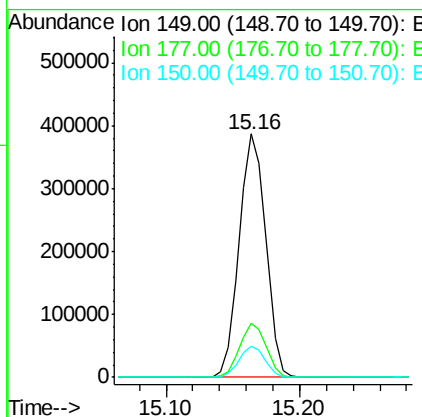
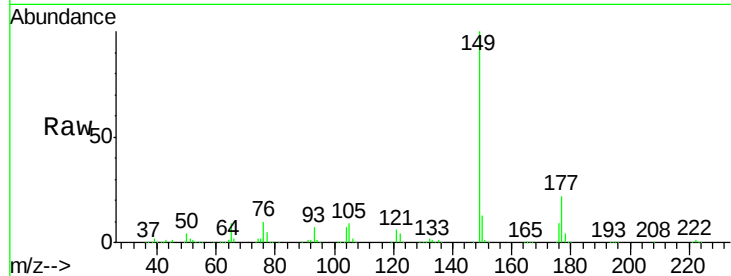




#59
Diethylphthalate
Concen: 30.61 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

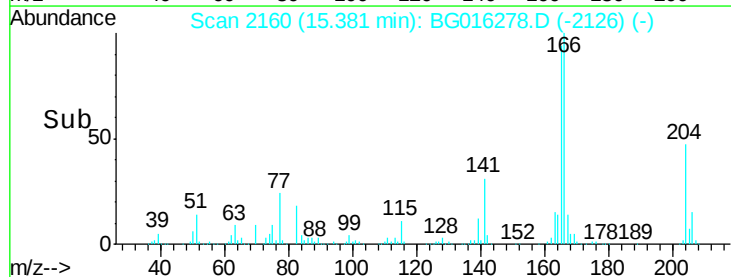
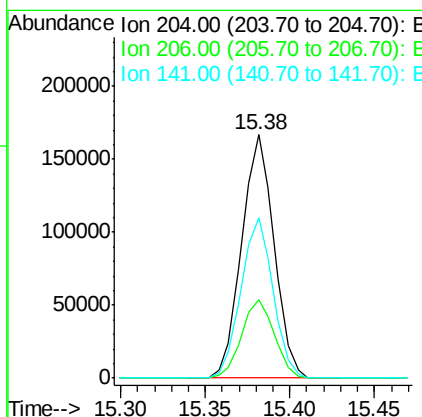
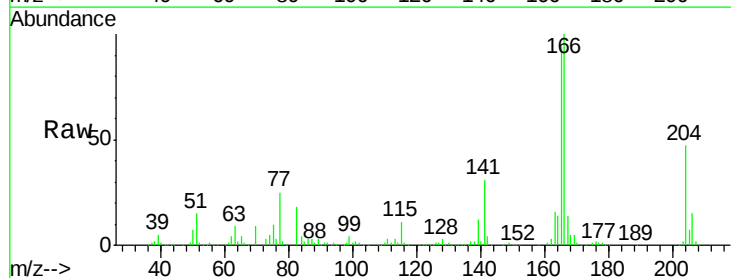
Instrument :
BNA_G
ClientSampleId :
PB82610BS

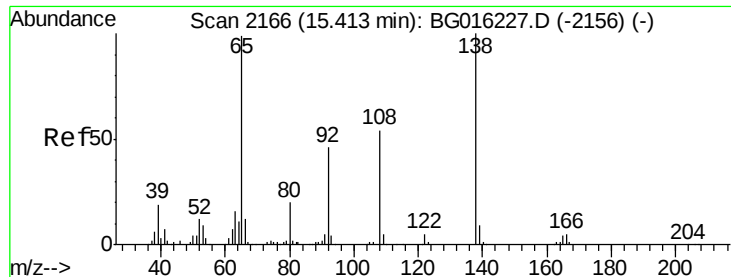
Tot Ion:149 Resp: 531412
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 32.18 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:204 Resp: 222648
Ion Ratio Lower Upper
204 100
206 32.3 27.6 41.4
141 65.8 55.4 83.2

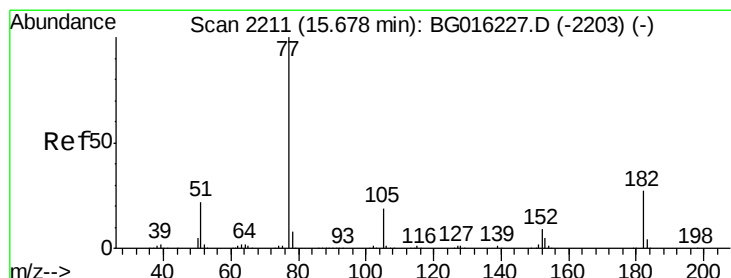
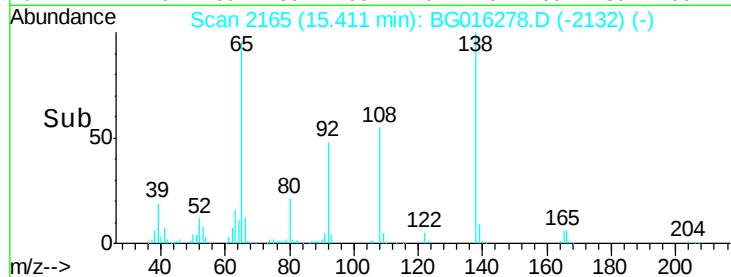
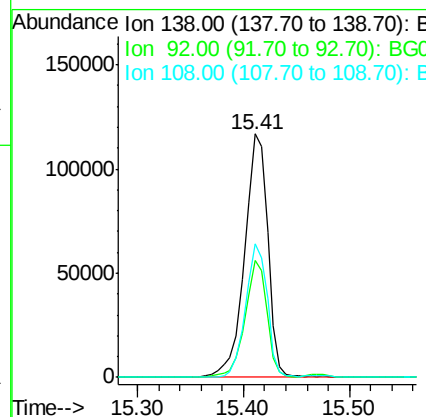
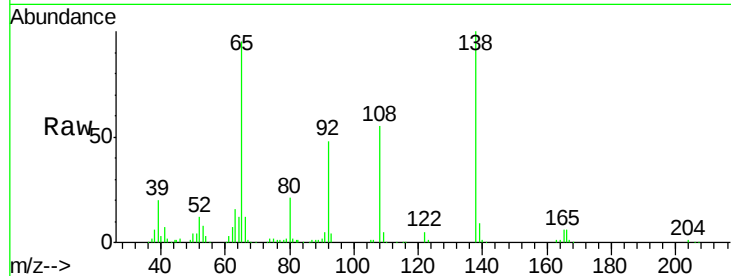




#61
4-Nitroaniline
Concen: 31.11 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

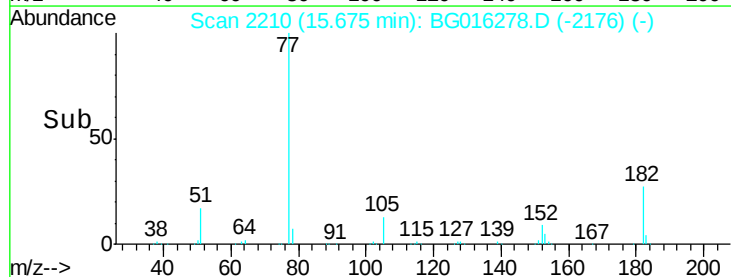
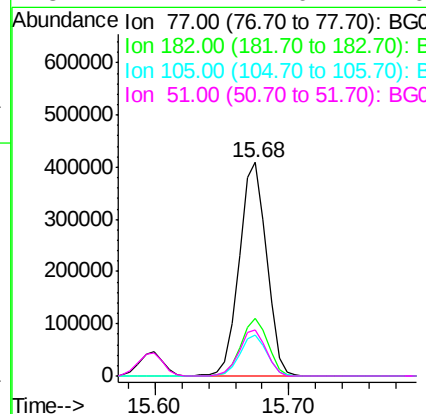
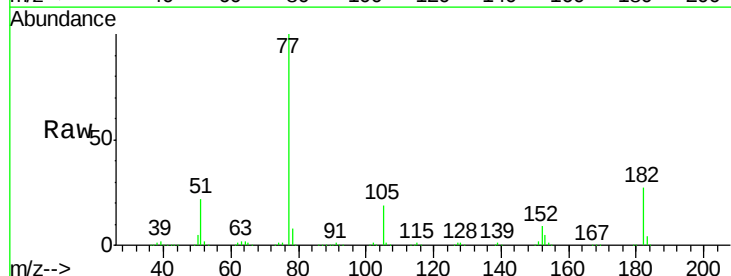
Instrument :
BNA_G
ClientSampleId :
PB82610BS

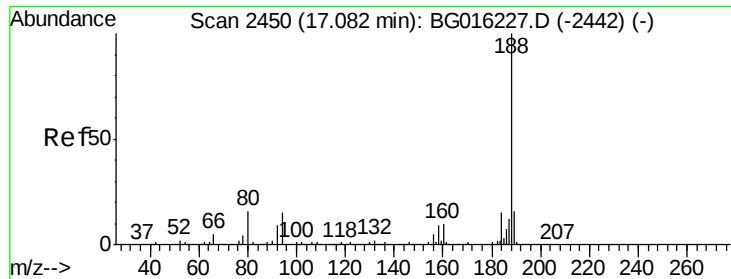
Tot Ion:138 Resp: 177872
Ion Ratio Lower Upper
138 100
92 47.8 26.3 66.3
108 54.8 33.6 73.6



#62
Azobenzene
Concen: 31.23 ng
RT: 15.68 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion: 77 Resp: 577076
Ion Ratio Lower Upper
77 100
182 26.9 6.6 46.6
105 18.9 0.0 39.2
51 21.7 2.0 42.0

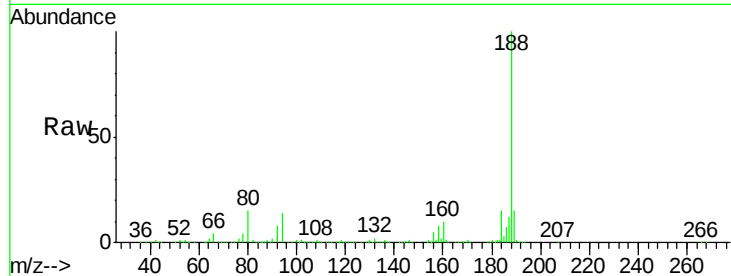




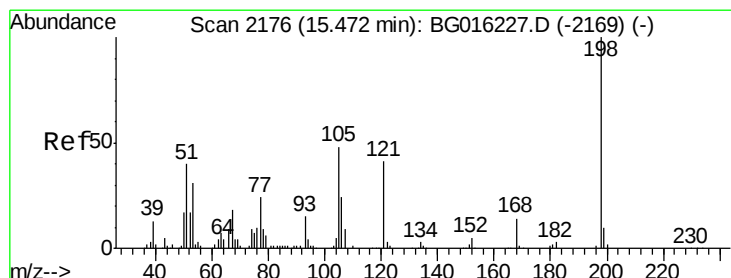
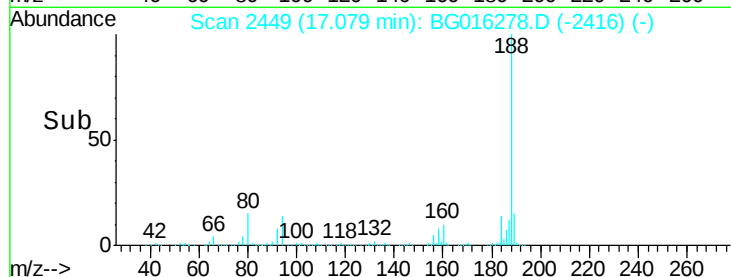
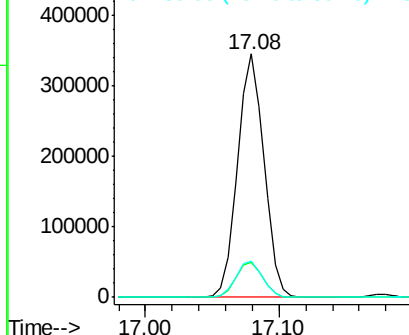
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion:188 Resp: 475431
Ion Ratio Lower Upper
188 100
94 14.5 12.2 18.4
80 15.0 12.8 19.2

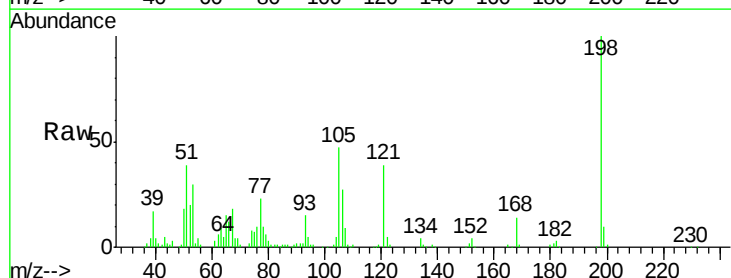


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

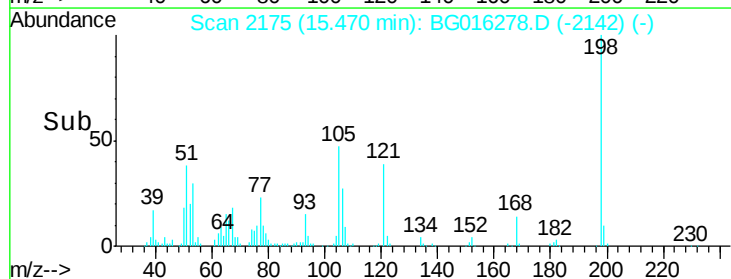
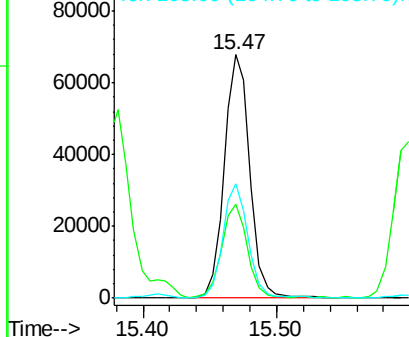


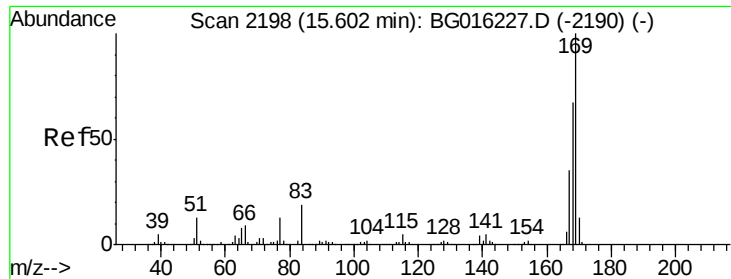
#64
4,6-Dinitro-2-methylphenol
Concen: 28.93 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:198 Resp: 91193
Ion Ratio Lower Upper
198 100
51 38.7 20.7 60.7
105 47.1 28.8 68.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

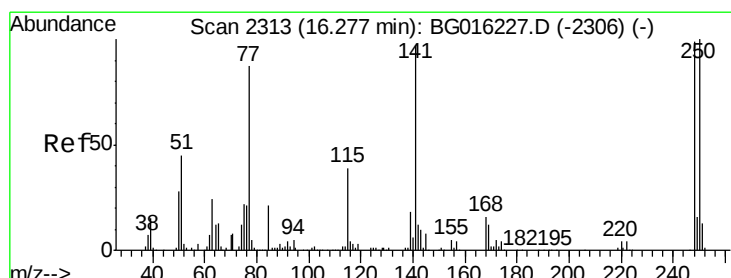
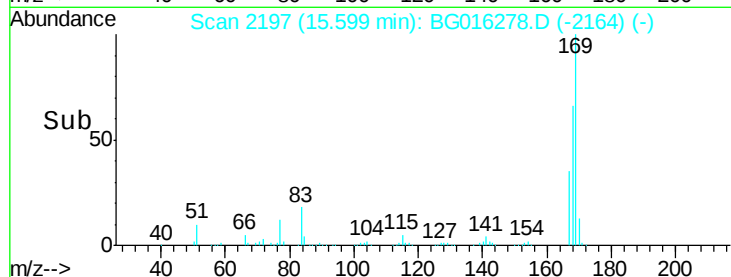
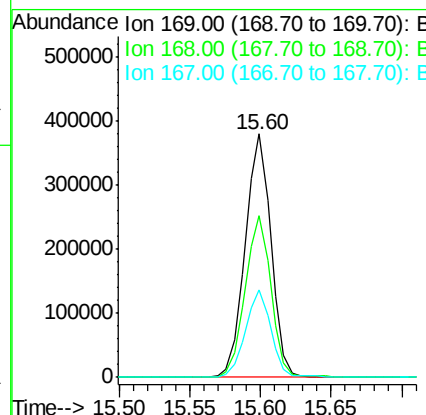
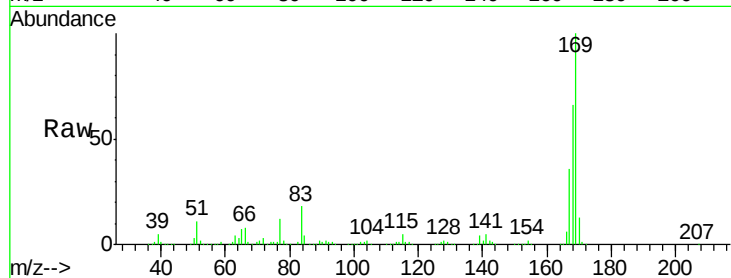




#65
 n-Nitrosodiphenylamine
 Concen: 30.14 ng
 RT: 15.60 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

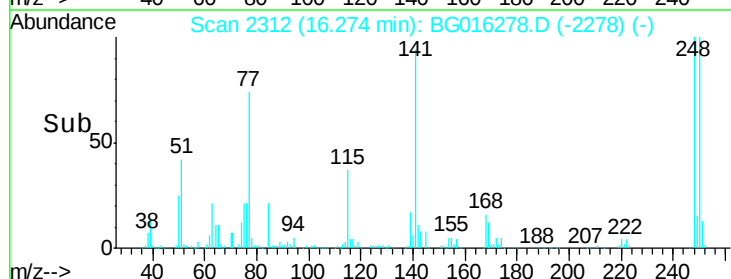
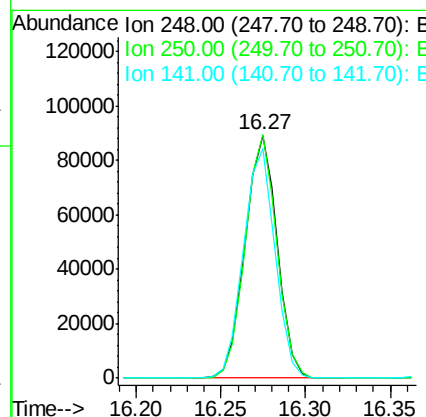
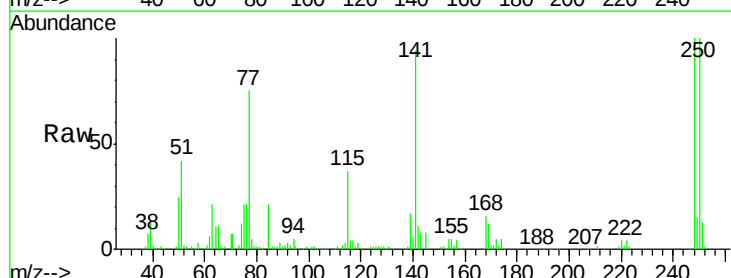
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

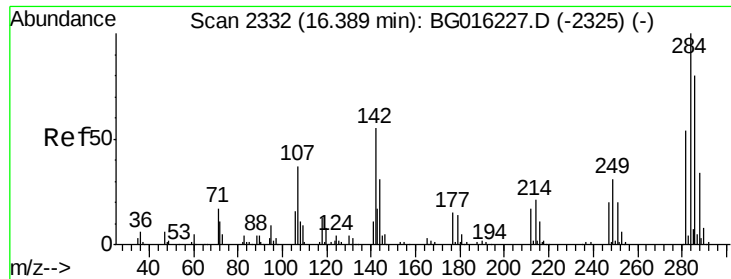
Tot Ion:169 Resp: 484419
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 35.7 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 31.04 ng
 RT: 16.27 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion:248 Resp: 117845
 Ion Ratio Lower Upper
 248 100
 250 100.3 80.5 120.7
 141 94.7 78.2 117.4

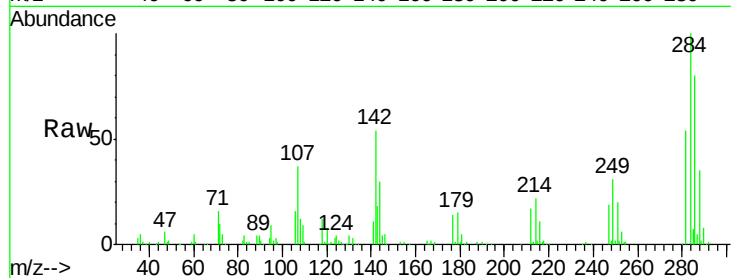




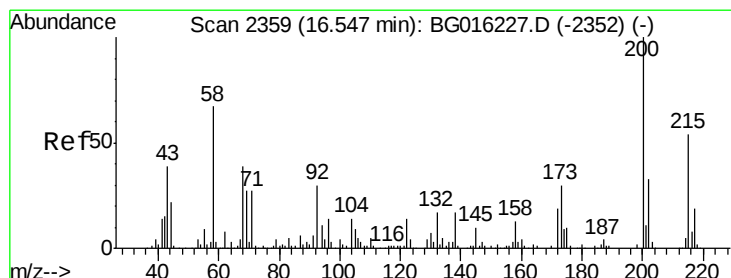
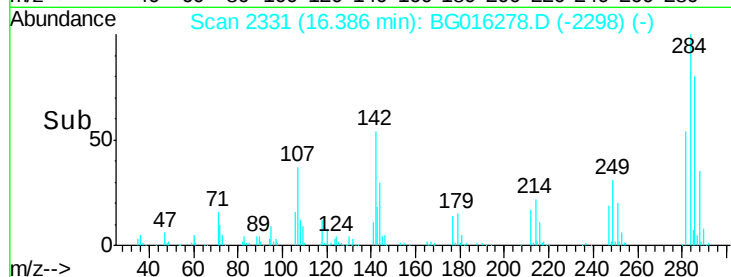
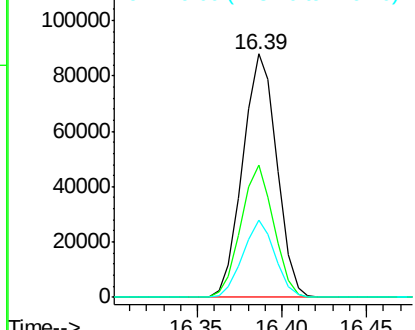
#67
Hexachlorobenzene
Concen: 31.33 ng
RT: 16.39 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Instrument :
BNA_G
ClientSampleId :
PB82610BS

Tot Ion:284 Resp: 123609
Ion Ratio Lower Upper
284 100
142 54.3 44.2 66.2
249 31.5 24.8 37.2

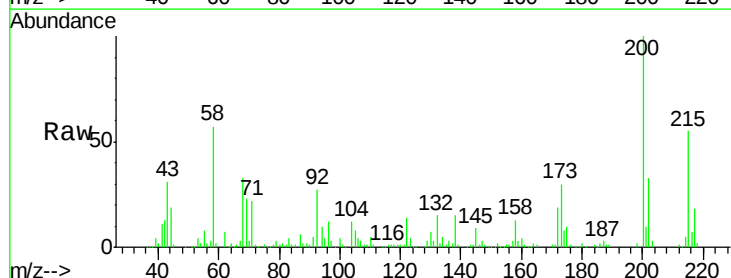


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

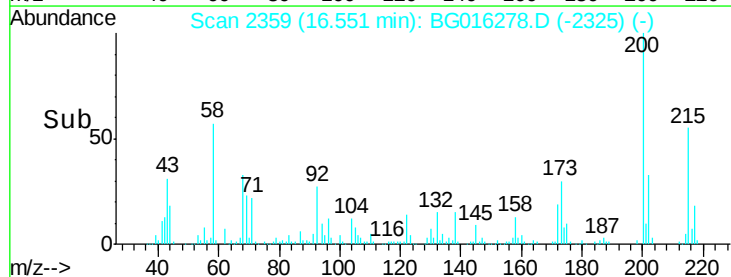
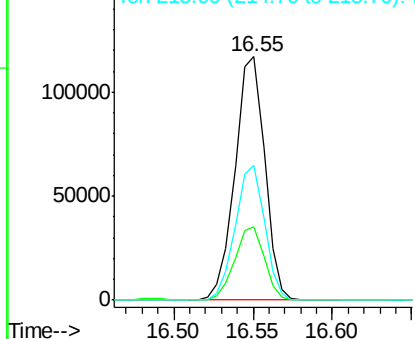


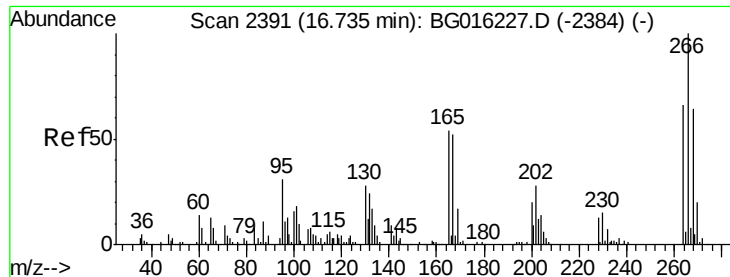
#68
Atrazine
Concen: 34.05 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:200 Resp: 152511
Ion Ratio Lower Upper
200 100
173 30.0 10.2 50.2
215 55.3 34.4 74.4



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

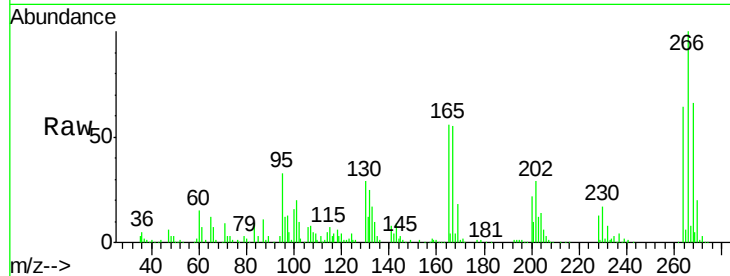




#69
 Pentachlorophenol
 Concen: 65.17 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	50.9	76.3
264	64.1	52.8	79.2

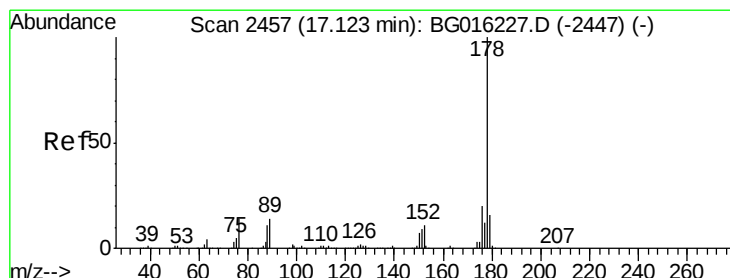
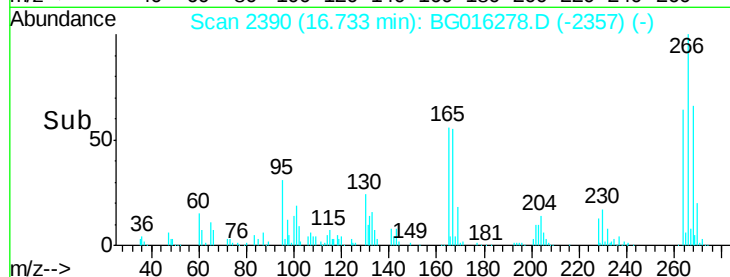
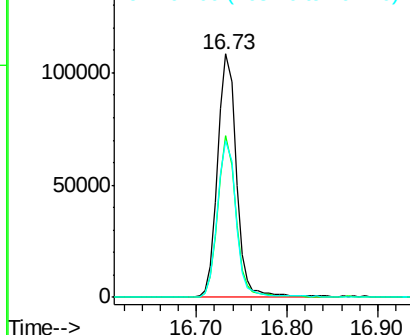


Abundance

Ion 265.70 (265.40 to 266.40): E

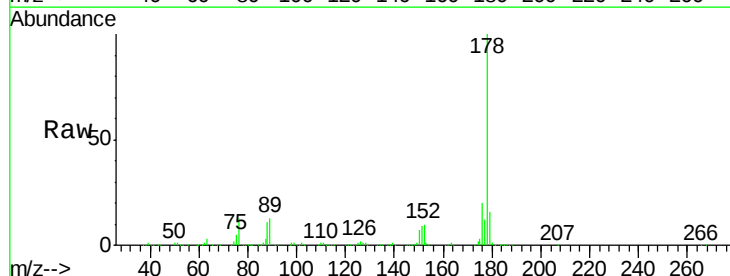
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 30.80 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.3	12.7	19.1

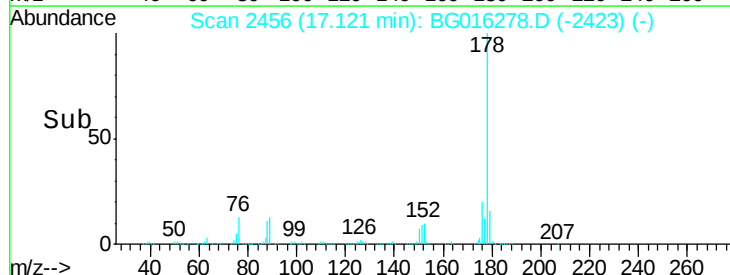
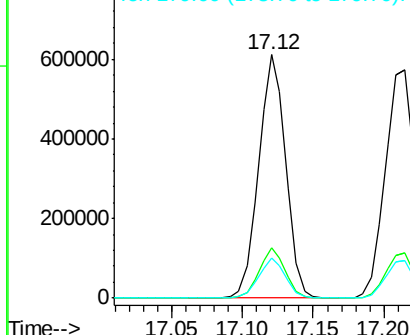


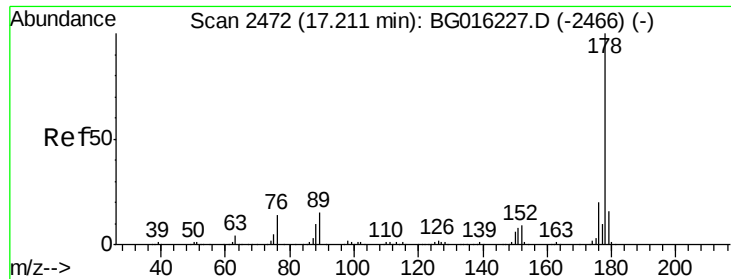
Abundance

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

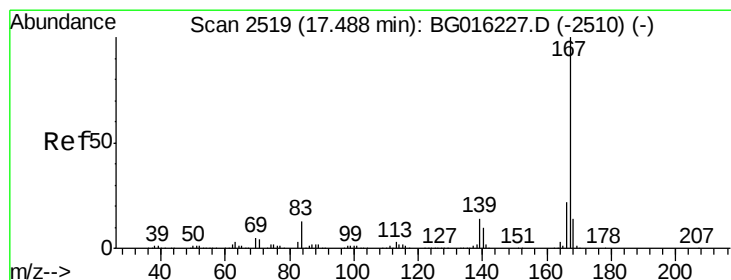
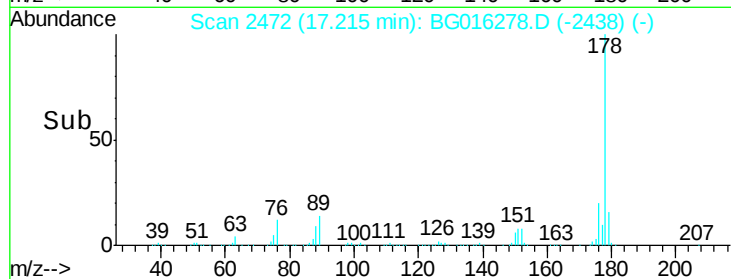
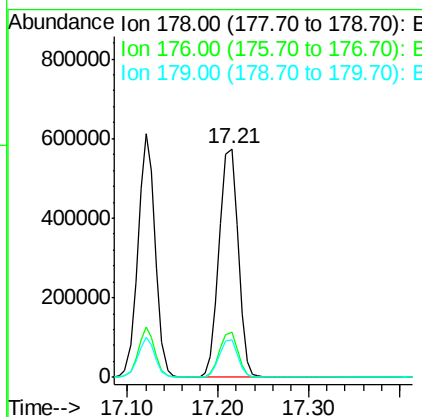
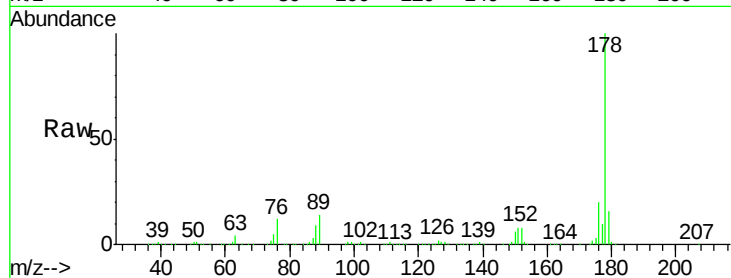




#71
 Anthracene
 Concen: 31.56 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

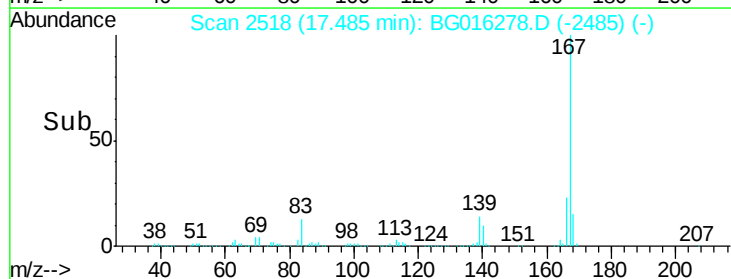
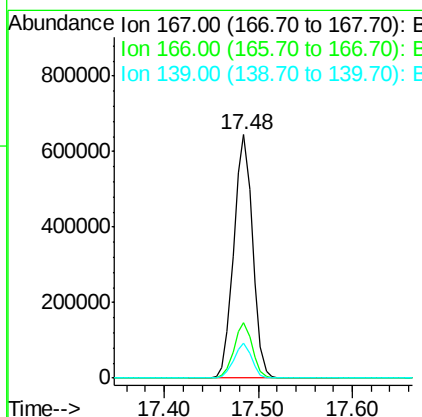
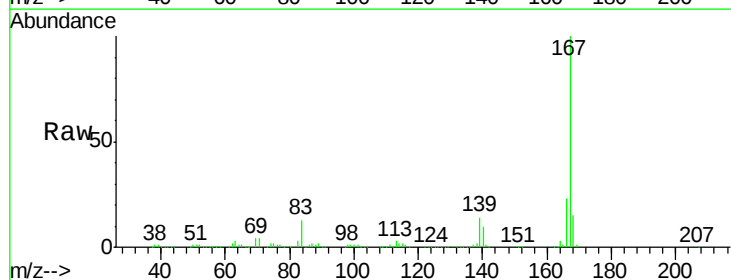
Instrument :
 BNA_G
 ClientSampleId :
 PB82610BS

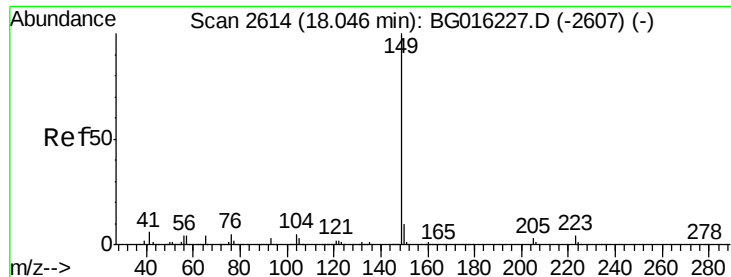
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.5	13.0	19.6



#72
 Carbazole
 Concen: 33.55 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG016278.D
 Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	14.4	11.5	17.3

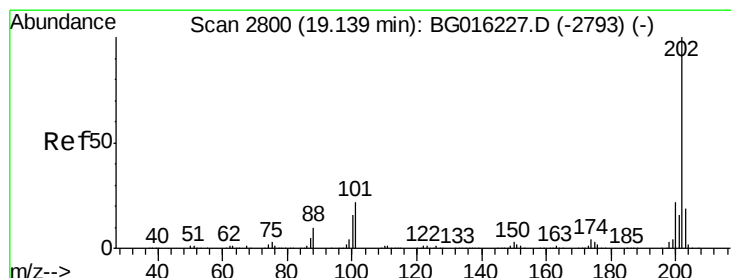
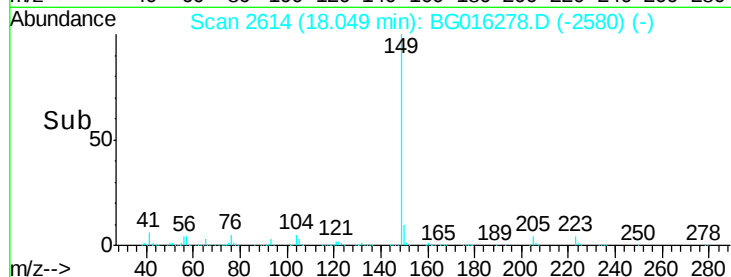
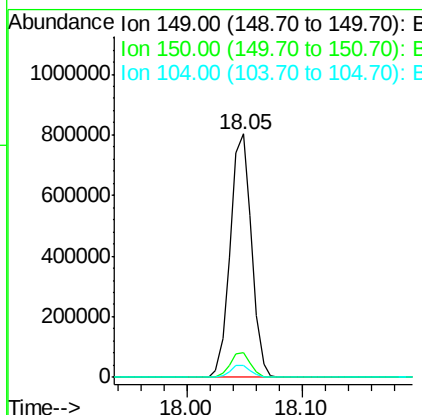
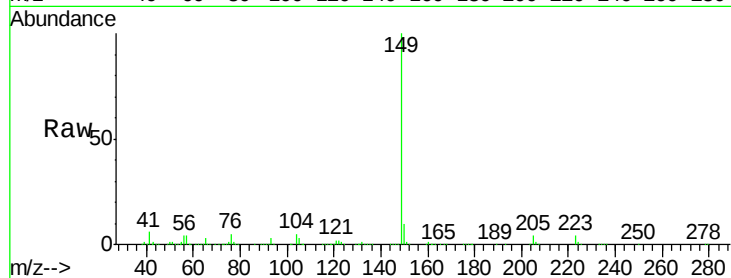




#73
Di-n-butylphthalate
Concen: 31.29 ng
RT: 18.05 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

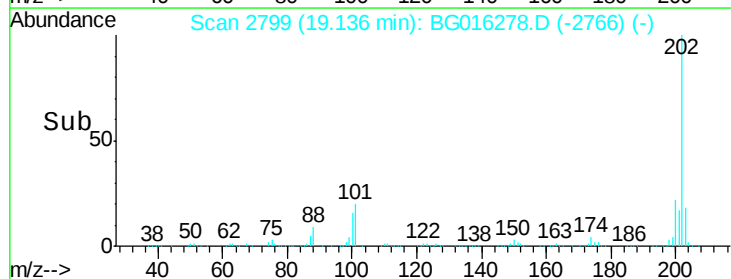
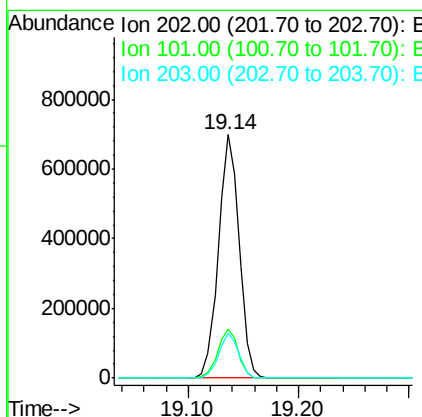
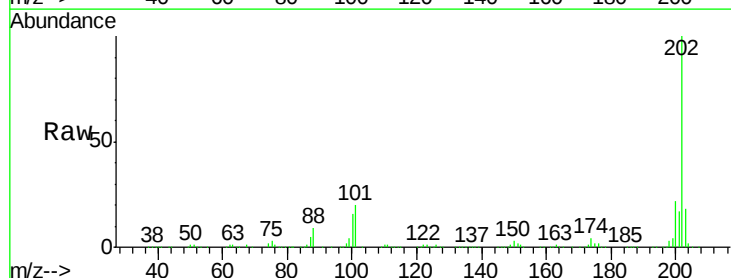
Instrument :
BNA_G
ClientSampleId :
PB82610BS

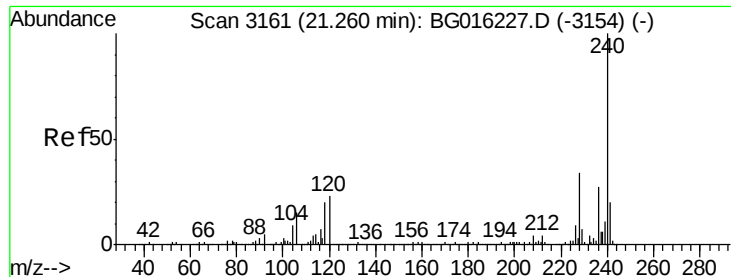
Tot Ion:149 Resp: 1018479
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.4
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 33.05 ng
RT: 19.14 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:202 Resp: 910979
Ion Ratio Lower Upper
202 100
101 20.4 1.7 41.7
203 18.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

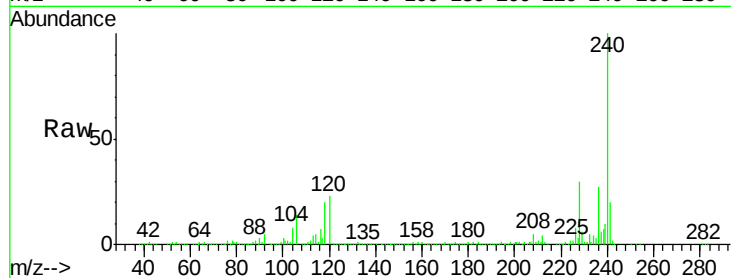
Tot Ion:240 Resp: 444643

Ion Ratio Lower Upper

240 100

120 22.8 18.6 28.0

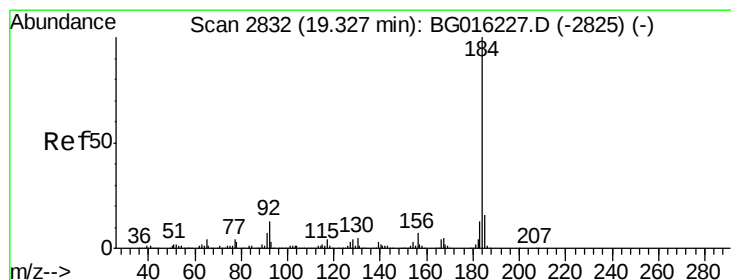
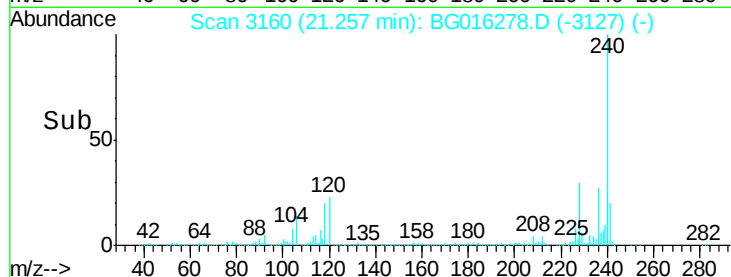
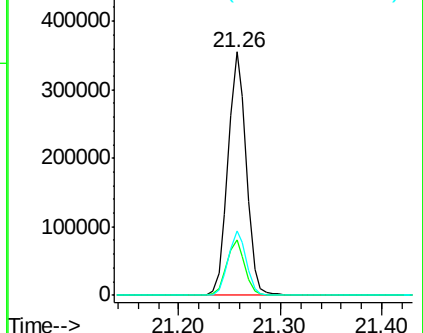
236 26.7 21.7 32.5



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: 14.79 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

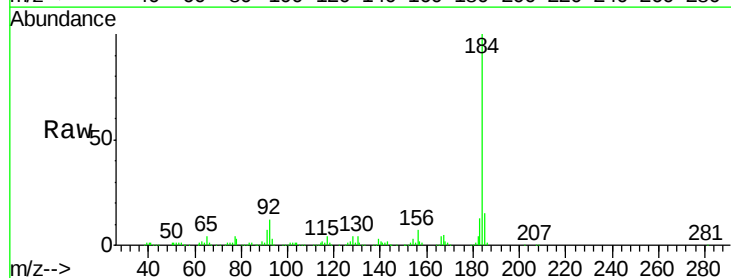
Tgt Ion:184 Resp: 278857

Ion Ratio Lower Upper

184 100

185 15.0 12.6 19.0

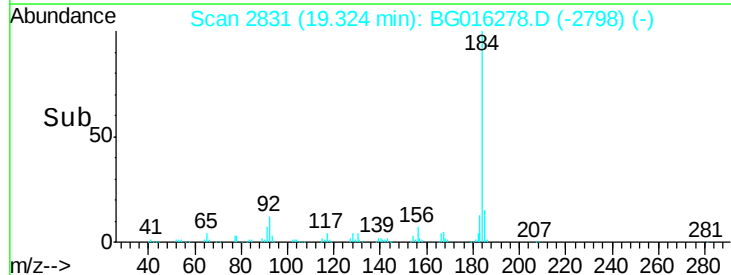
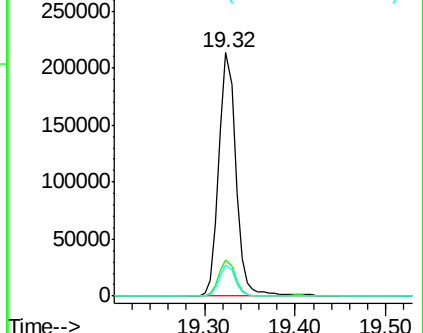
183 13.0 10.4 15.6

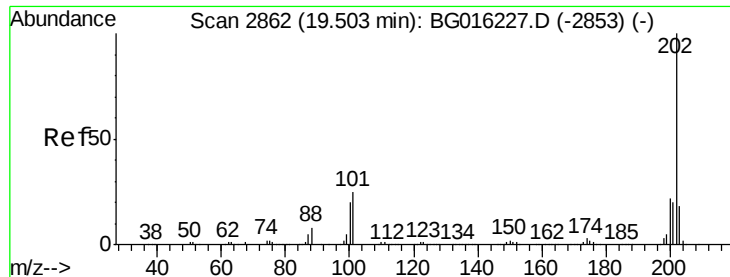


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

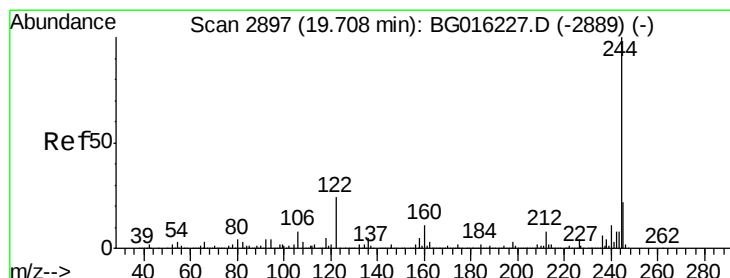
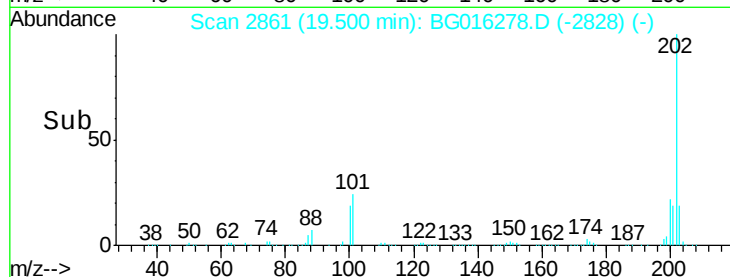
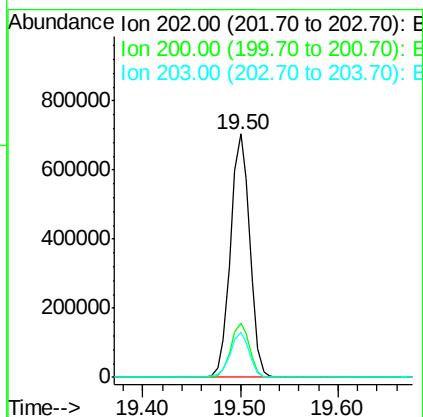
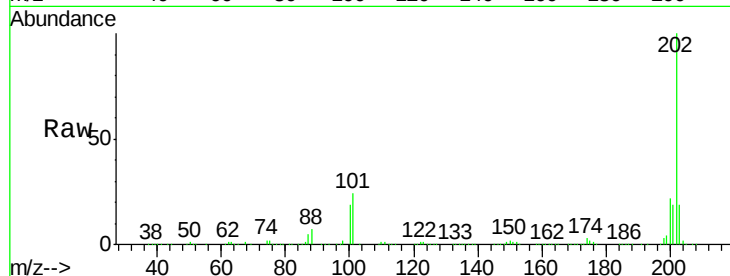




#77
Pvrene
Concen: 31.08 ng
RT: 19.50 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

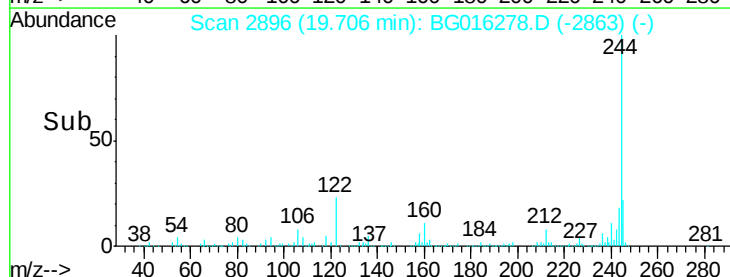
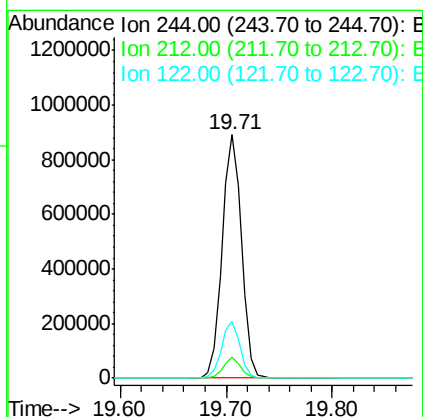
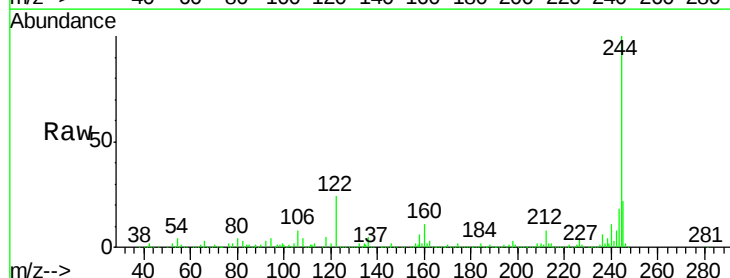
Instrument :
BNA_G
ClientSampleId :
PB82610BS

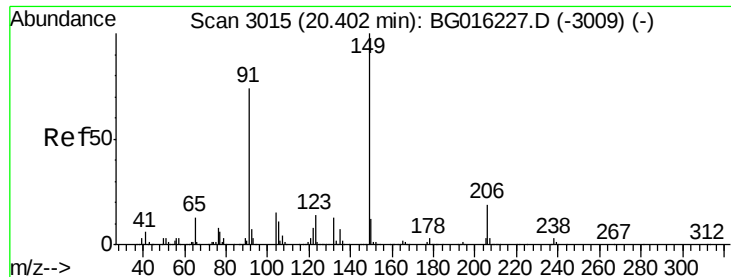
Tot Ion:202 Resp: 962206
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.8
203 18.7 14.7 22.1



#78
Terphenyl-d14
Concen: 59.79 ng
RT: 19.71 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:244 Resp: 1135982
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 23.5 19.1 28.7

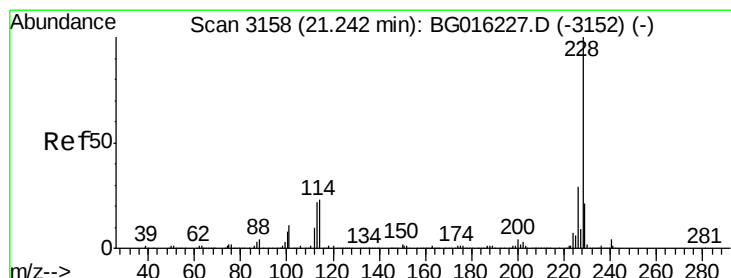
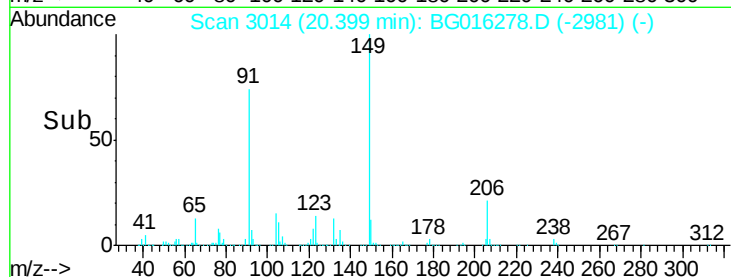
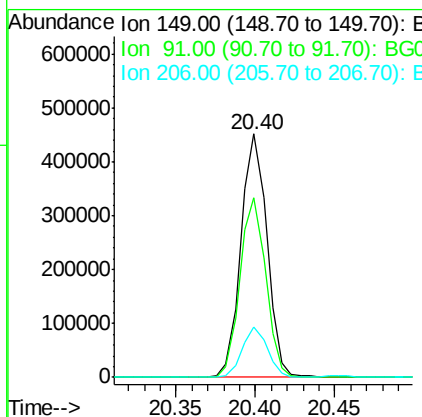
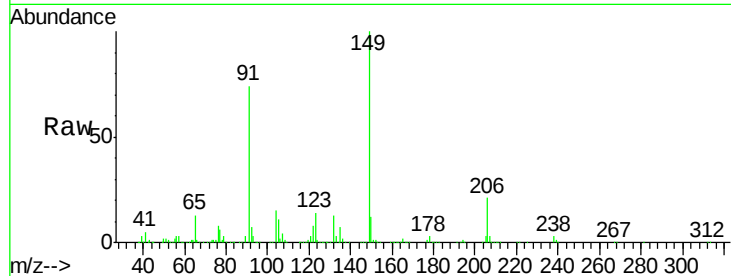




#79
Butylbenzylphthalate
Concen: 33.84 ng
RT: 20.40 min Scan# 3014
Delta R.T. -0.00 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

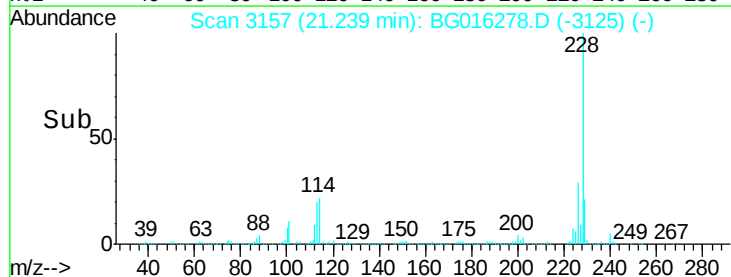
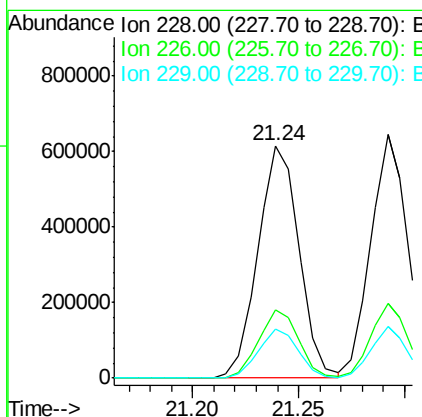
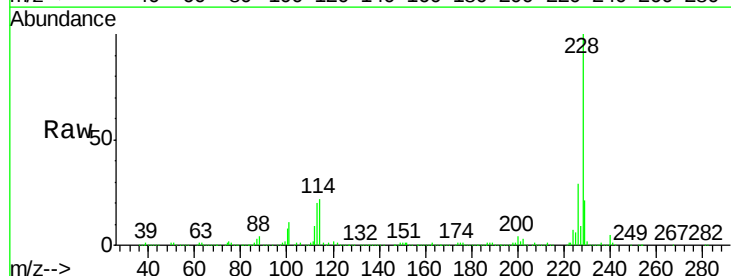
Instrument :
BNA_G
ClientSampleId :
PB82610BS

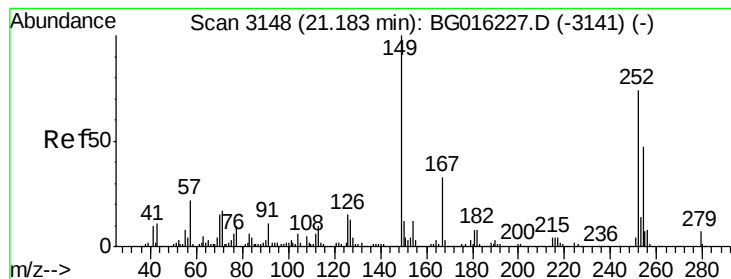
Tot Ion:149 Resp: 514697
Ion Ratio Lower Upper
149 100
91 74.0 59.4 89.2
206 20.7 15.6 23.4



#80
Benzo(a)anthracene
Concen: 31.70 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion:228 Resp: 832938
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 21.0 16.8 25.2





#81

3,3'-Dichlorobenzidine

Concen: 18.89 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

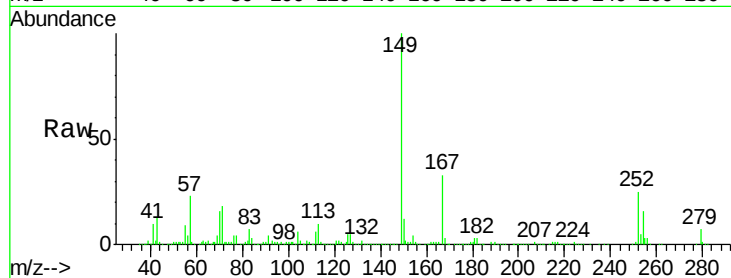
Tot Ion:252 Resp: 163263

Ion Ratio Lower Upper

252 100

254 62.5 50.8 76.2

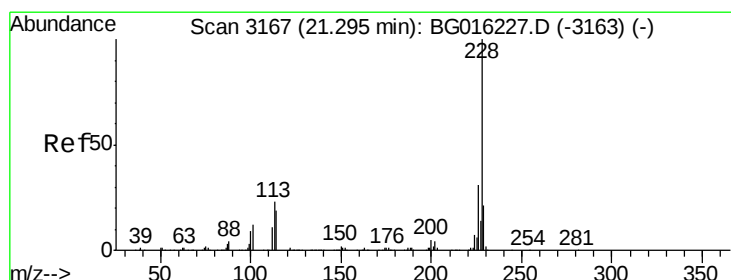
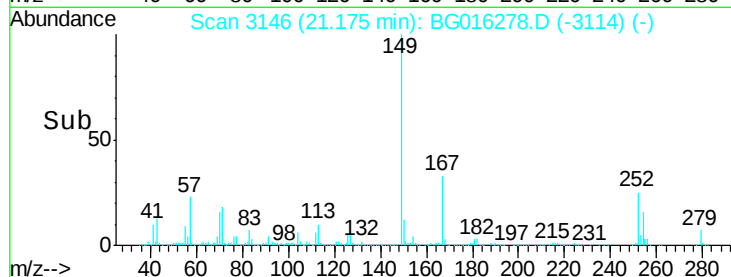
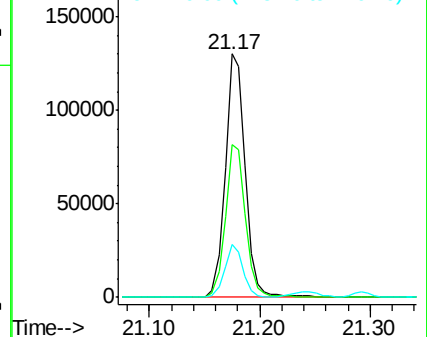
126 21.8 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 31.24 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

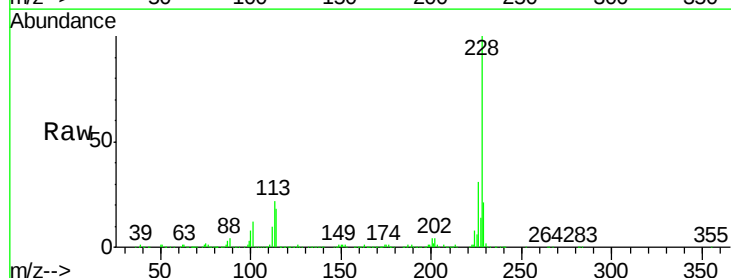
Tgt Ion:228 Resp: 792522

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

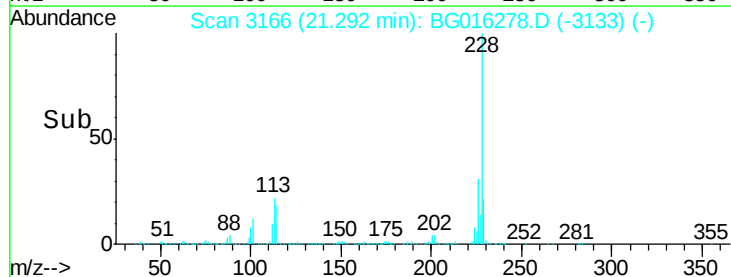
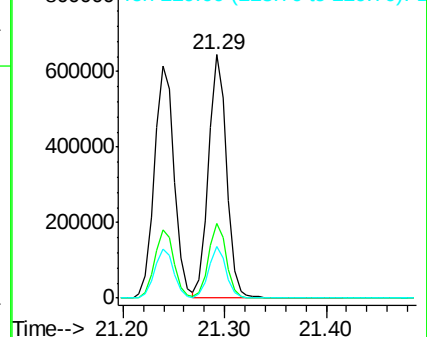
229 21.0 17.0 25.4

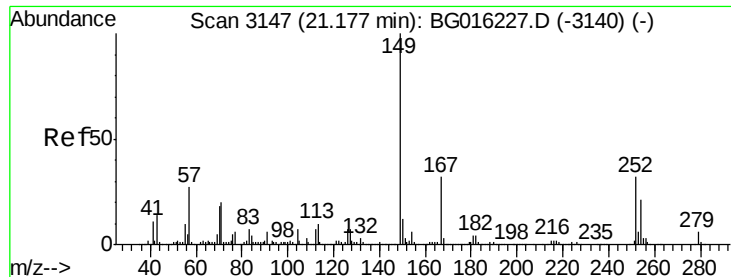


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.30 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

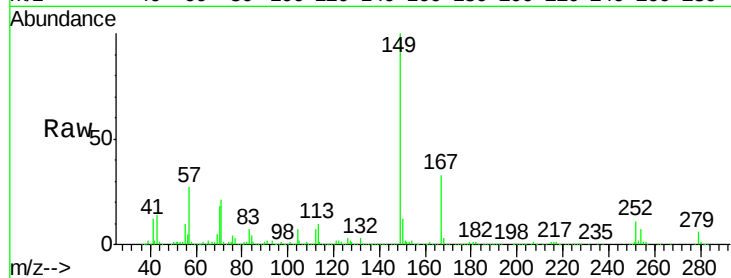
Tot Ion:149 Resp: 685816

Ion Ratio Lower Upper

149 100

167 33.4 25.8 38.6

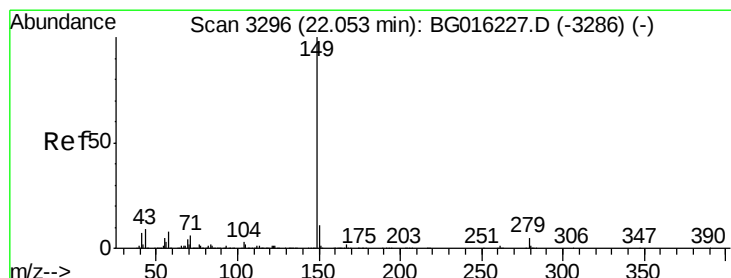
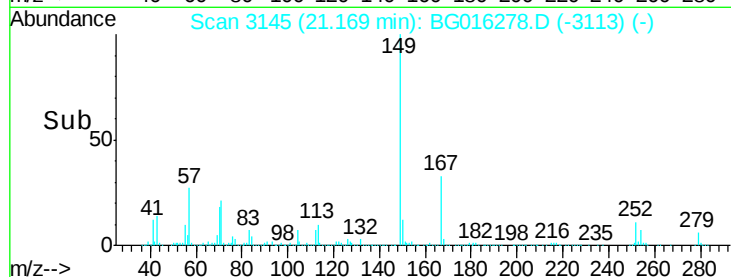
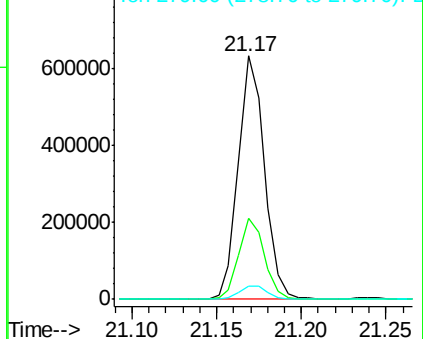
279 5.5 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.52 ng

RT: 22.04 min Scan# 3294

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

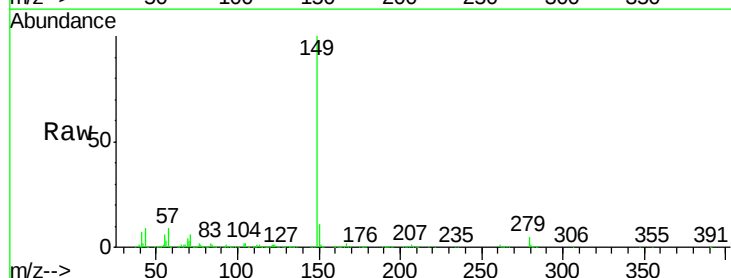
Tgt Ion:149 Resp: 1124764

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

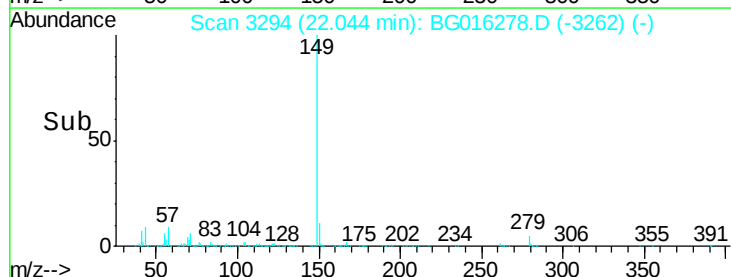
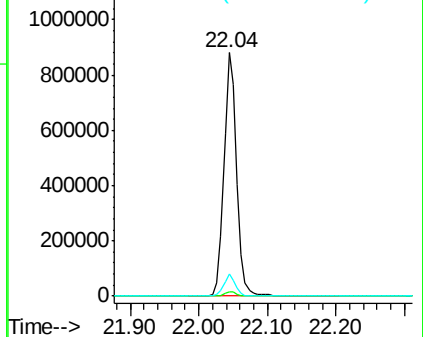
43 8.2 7.0 10.4

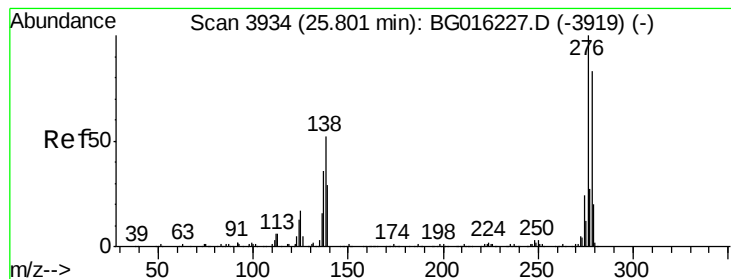


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.34 ng

RT: 25.79 min Scan# 3931

Delta R.T. -0.03 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

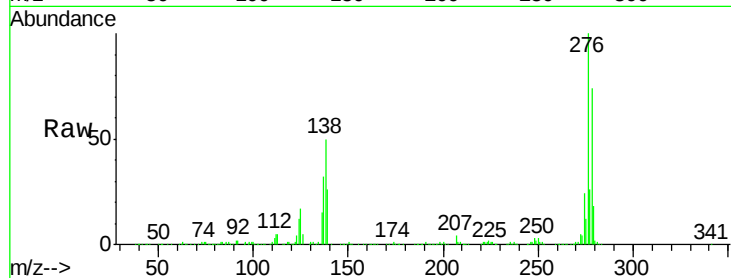
Tot Ion:276 Resp: 852474

Ion Ratio Lower Upper

276 100

138 50.5 41.5 62.3

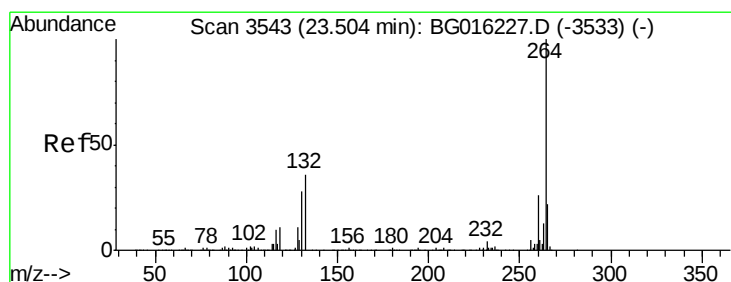
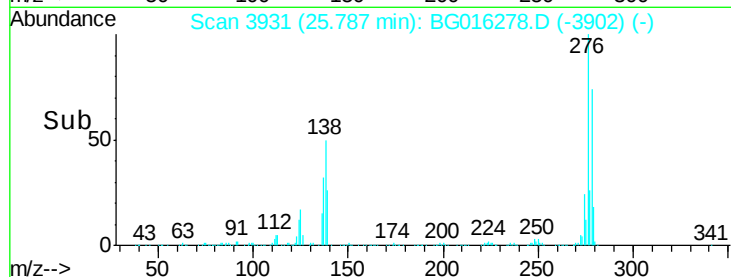
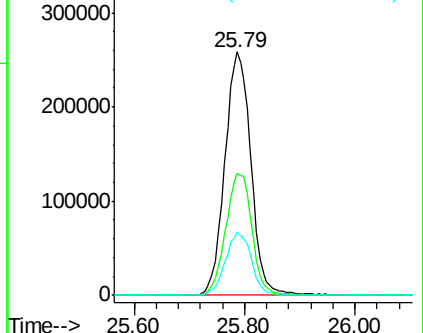
277 25.7 21.0 31.6



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

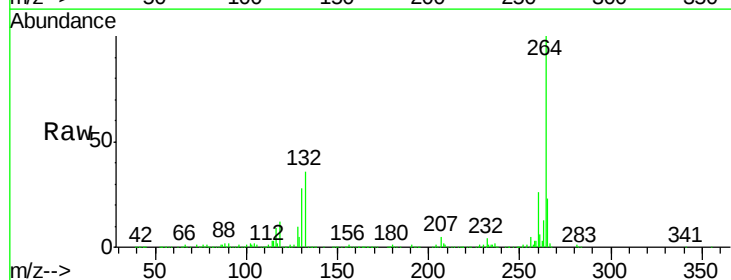
Tgt Ion:264 Resp: 405137

Ion Ratio Lower Upper

264 100

260 25.8 20.4 30.6

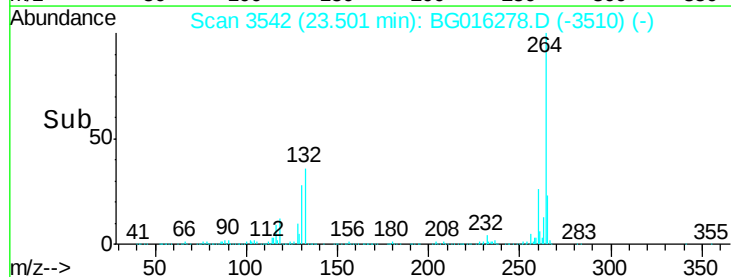
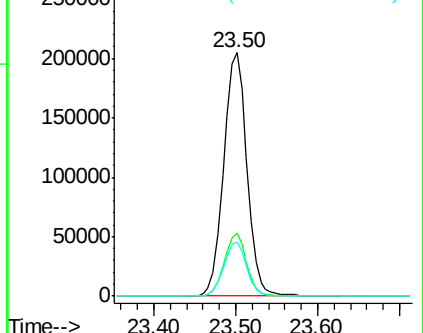
265 22.5 17.2 25.8

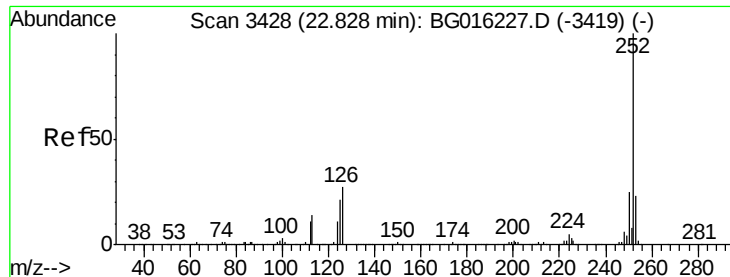


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.23 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.02 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

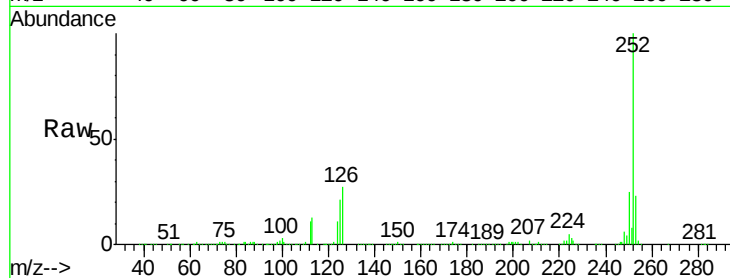
Tot Ion:252 Resp: 764717

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

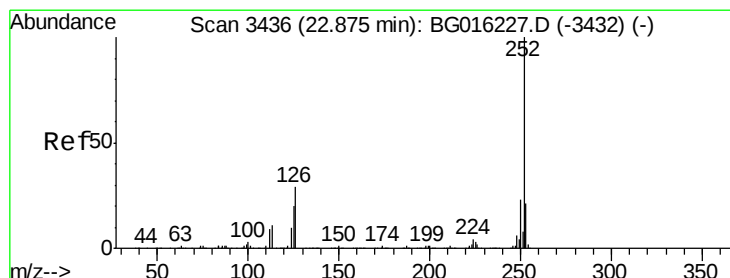
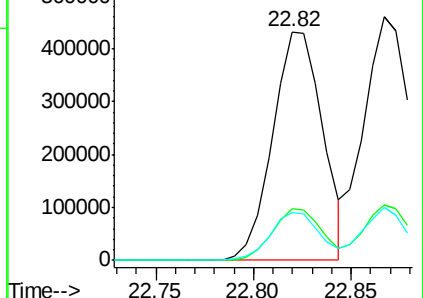
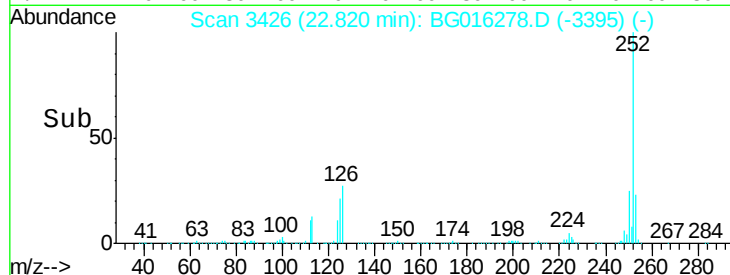
125 21.0 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.27 ng

RT: 22.87 min Scan# 3434

Delta R.T. -0.01 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

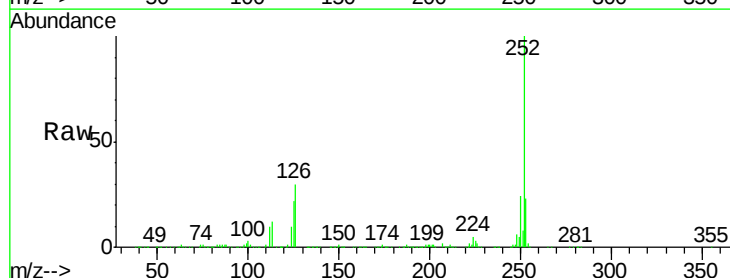
Tgt Ion:252 Resp: 772493

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

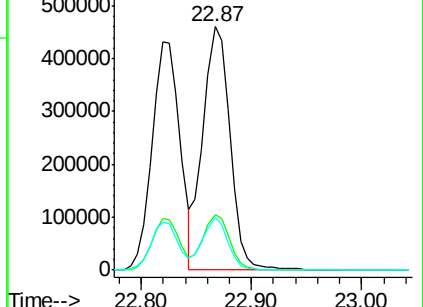
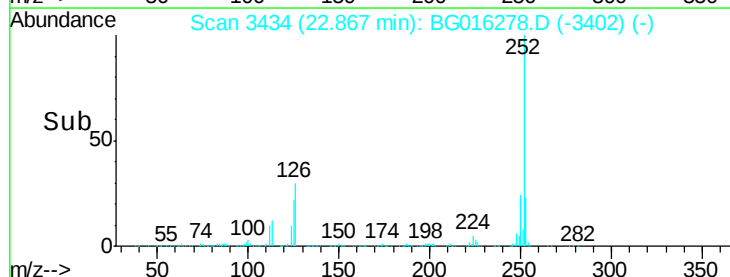
125 21.5 16.3 24.5

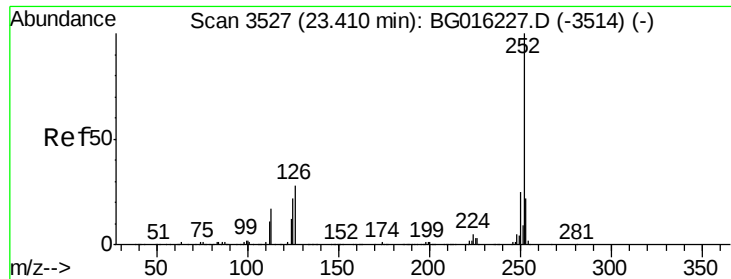


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

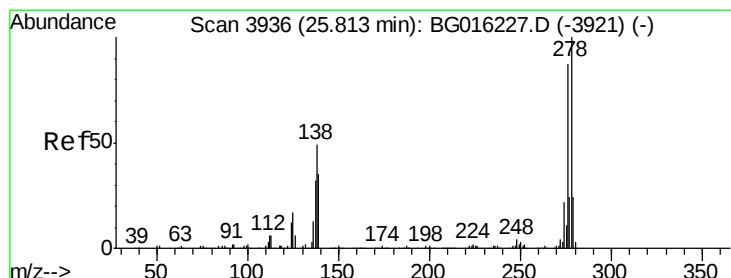
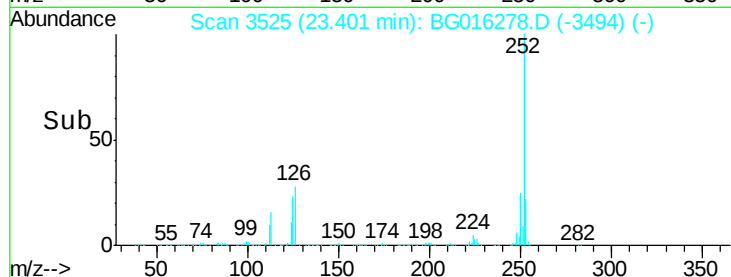
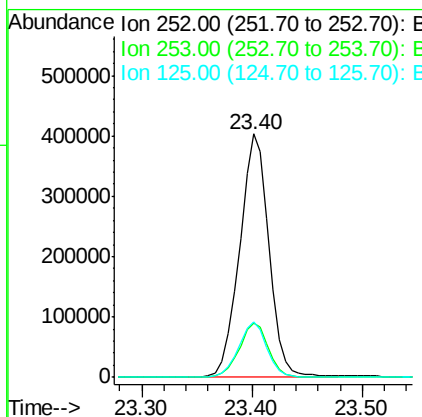
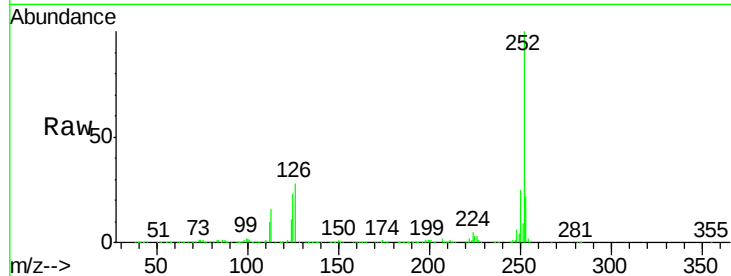




#89
Benzo(a)pyrene
Concen: 33.82 ng
RT: 23.40 min Scan# 3525
Delta R.T. -0.02 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

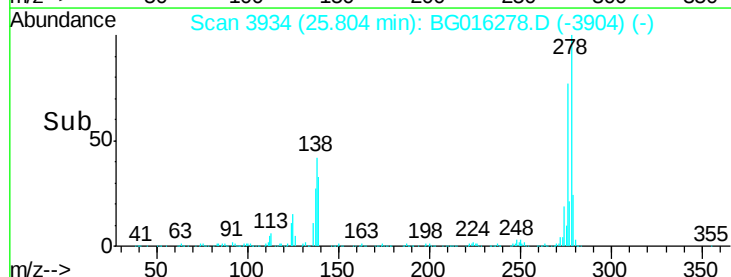
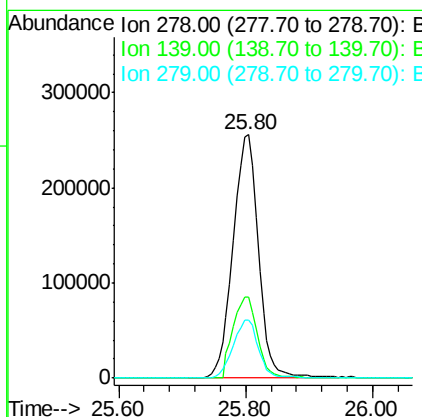
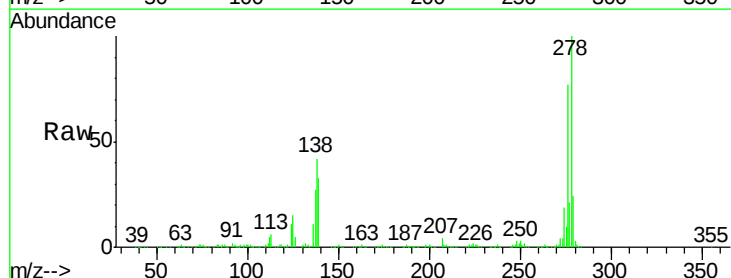
Instrument :
BNA_G
ClientSampleId :
PB82610BS

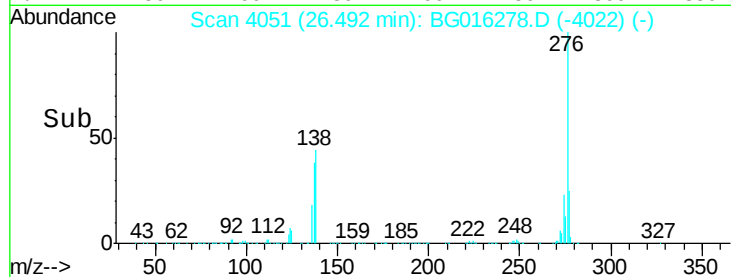
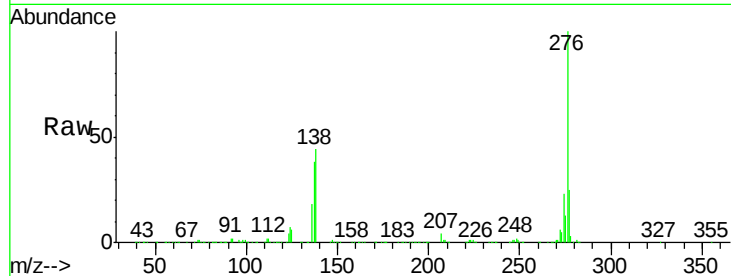
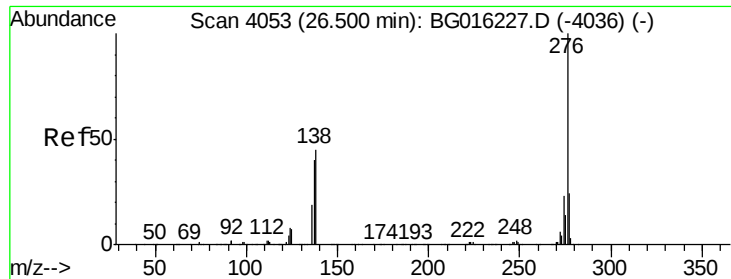
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	22.7	17.6	26.4



#90
Dibenzo(a,h)anthracene
Concen: 32.79 ng
RT: 25.80 min Scan# 3934
Delta R.T. -0.02 min
Lab File: BG016278.D
Acq: 8 Apr 2015 14:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.1	27.9	41.9
279	24.1	19.5	29.3





#91

Benzo(a,h,i)perylene

Concen: 33.27 ng

RT: 26.49 min Scan# 4051

Delta R.T. -0.03 min

Lab File: BG016278.D

Acq: 8 Apr 2015 14:16

Instrument :

BNA_G

ClientSampleId :

PB82610BS

Tot Ion:276 Resp: 719080

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 43.9 35.7 53.5

