

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016398.D
 Acq On : 14 Apr 2015 16:10
 Operator : TP/IZ
 Sample : PB82704BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Quant Time: Apr 15 03:37:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	62386	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	284444	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	163841	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	357806	20.00	ng	0.00
75) Chrysene-d12	21.24	240	338103	20.00	ng	0.00
86) Perylene-d12	23.46	264	311975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	530112	134.10	ng	0.00
7) Phenol-d6	6.85	99	755419	127.30	ng	0.00
23) Nitrobenzene-d5	8.82	82	387148	78.85	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	161488	145.74	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	846101	87.92	ng	0.00
78) Terphenyl-d14	19.68	244	1159601	80.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	58778	32.71	ng	99
3) Pyridine	3.53	79	164295	30.59	ng	98
4) n-Nitrosodimethylamine	3.45	42	54917	34.40	ng	96
6) Aniline	7.00	93	181389	21.40	ng	97
8) 2-Chlorophenol	7.24	128	210194	44.28	ng	95
9) Benzaldehyde	6.81	77	48481	13.95	ng	95
10) Phenol	6.88	94	270838	42.66	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	186930	36.92	ng	100
12) 1,3-Dichlorobenzene	7.55	146	188837	39.39	ng	98
13) 1,4-Dichlorobenzene	7.70	146	191266	38.46	ng	99
14) 1,2-Dichlorobenzene	8.02	146	185873	39.08	ng	98
15) Benzyl Alcohol	7.91	79	159766	38.62	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	206859	36.28	ng	99
17) 2-Methylphenol	8.12	107	178875	42.01	ng	96
18) Hexachloroethane	8.74	117	69381	36.47	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	141688	33.32	ng	95
20) 3+4-Methylphenols	8.45	107	242076	41.05	ng	99
22) Acetophenone	8.49	105	265257	40.22	ng	# 99
24) Nitrobenzene	8.87	77	199945	38.08	ng	93
25) Isophorone	9.39	82	397535	36.46	ng	97
26) 2-Nitrophenol	9.58	139	114441	46.74	ng	98
27) 2,4-Dimethylphenol	9.65	122	205114	44.97	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	243468	39.12	ng	99
29) 2,4-Dichlorophenol	10.11	162	174139	48.25	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	161067	42.75	ng	98
31) Naphthalene	10.50	128	594221	40.09	ng	100
32) Benzoic acid	9.77	122	121837	42.23	ng	98
33) 4-Chloroaniline	10.62	127	85208	12.25	ng	98
34) Hexachlorobutadiene	10.79	225	69132	41.77	ng	98
35) Caprolactam	11.38	113	53264	23.44	ng	96
36) 4-Chloro-3-methylphenol	11.76	107	207378	43.50	ng	94
37) 2-Methylnaphthalene	12.12	142	439672	41.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	150570	41.74	ng	100
40) Hexachlorocyclopentadiene	12.47	237	154227	93.41	ng	97

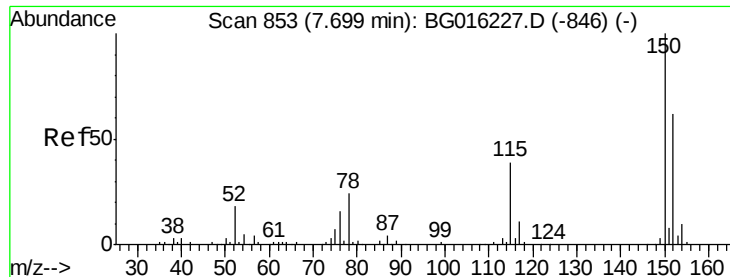
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016398.D
 Acq On : 14 Apr 2015 16:10
 Operator : TP/IZ
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Quant Time: Apr 15 03:37:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	123841	46.20	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	136642	47.71	ng	94
45) 1,1'-Biphenyl	13.14	154	537794	42.79	ng	98
46) 2-Chloronaphthalene	13.18	162	403384	42.13	ng	99
47) 2-Nitroaniline	13.39	65	130407	42.26	ng	94
48) Acenaphthylene	14.03	152	703887	41.34	ng	99
49) Dimethylphthalate	13.78	163	515892	42.96	ng	99
50) 2,6-Dinitrotoluene	13.89	165	127693	43.97	ng	97
51) Acenaphthene	14.38	154	426389	41.91	ng	98
52) 3-Nitroaniline	14.22	138	85603	23.08	ng	93
53) 2,4-Dinitrophenol	14.43	184	104028	63.77	ng	94
54) Dibenzofuran	14.71	168	620745	43.97	ng	99
55) 4-Nitrophenol	14.55	139	295788	96.50	ng	97
56) 2,4-Dinitrotoluene	14.69	165	184897	46.74	ng	90
57) Fluorene	15.36	166	545543	43.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	107884	48.81	ng	94
59) Diethylphthalate	15.14	149	557199	43.59	ng	100
60) 4-Chlorophenyl-phenylether	15.36	204	227165	44.59	ng	95
61) 4-Nitroaniline	15.39	138	180067	42.77	ng	95
62) Azobenzene	15.65	77	567346	41.70	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	87140	35.69	ng	92
65) n-Nitrosodiphenylamine	15.57	169	494432	40.88	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	119563	41.85	ng	97
67) Hexachlorobenzene	16.36	284	123773	41.69	ng	99
68) Atrazine	16.53	200	162222	48.12	ng	100
69) Pentachlorophenol	16.71	266	160511	88.53	ng	99
70) Phenanthrene	17.10	178	852277	42.35	ng	99
71) Anthracene	17.18	178	863394	43.29	ng	100
72) Carbazole	17.46	167	922752	46.10	ng	99
73) Di-n-butylphthalate	18.02	149	1095776	44.74	ng	100
74) Fluoranthene	19.12	202	960064	46.28	ng	96
76) Benzidine	19.30	184	286190	19.96	ng	96
77) Pyrene	19.48	202	1003731	42.63	ng	99
79) Butylbenzylphthalate	20.38	149	529002	45.73	ng	95
80) Benzo(a)anthracene	21.22	228	843897	42.23	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	163044	24.81	ng	99
82) Chrysene	21.27	228	809659	41.97	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	709467	45.31	ng	99
84) Di-n-octyl phthalate	22.02	149	1182385	46.35	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	865256	43.17	ng	98
87) Benzo(b)fluoranthene	22.79	252	815163	44.61	ng	99
88) Benzo(k)fluoranthene	22.84	252	759866	42.50	ng	99
89) Benzo(a)pyrene	23.37	252	772503	45.11	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	720092	43.21	ng	96
91) Benzo(g,h,i)perylene	26.44	276	737304	44.30	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

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BNA_G

ClientSampleId :

PB82704BSD

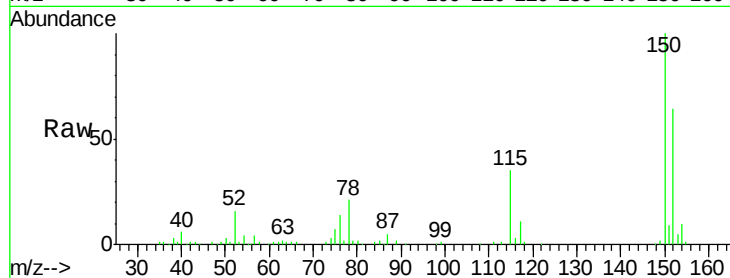
Tgt Ion:152 Resp: 62386

Ion Ratio Lower Upper

152 100

150 156.2 130.1 195.1

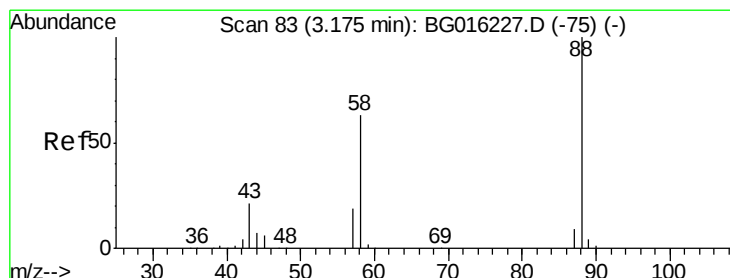
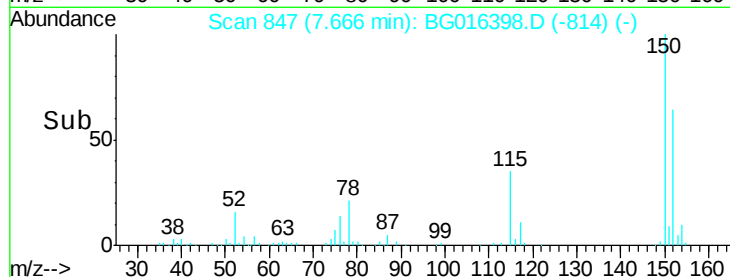
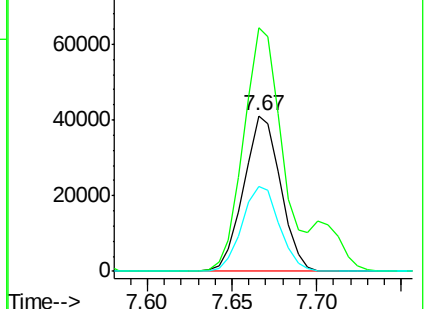
115 54.8 50.5 75.7



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



#2

1,4-Dioxane

Concen: 32.71 ng

RT: 3.14 min Scan# 76

Delta R.T. -0.02 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

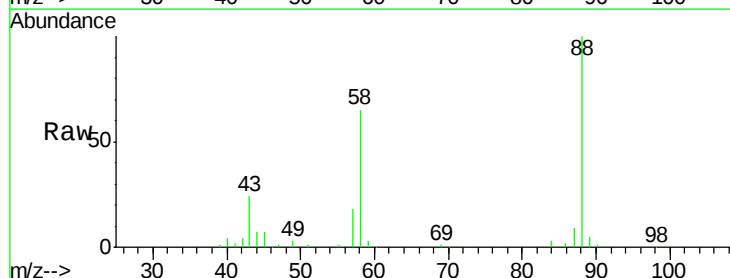
Tgt Ion: 88 Resp: 58778

Ion Ratio Lower Upper

88 100

58 62.3 50.6 76.0

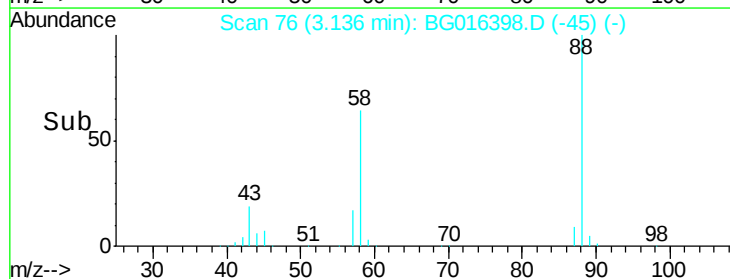
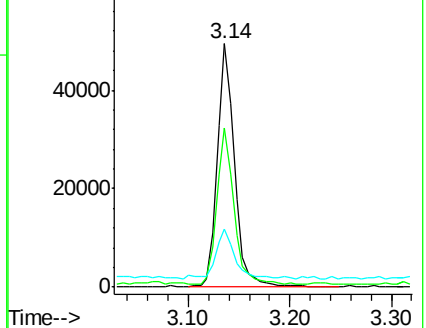
43 21.7 17.0 25.4



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

Pyridine

Concen: 30.59 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.02 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

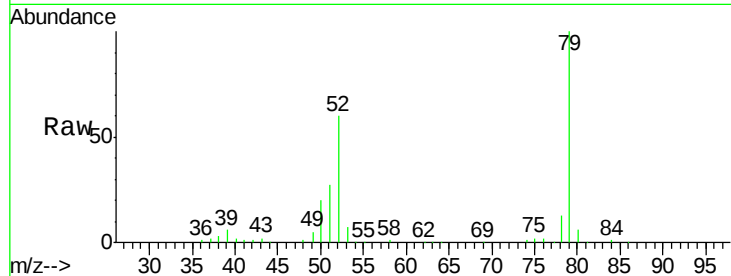
Tgt Ion: 79 Resp: 164295

Ion Ratio Lower Upper

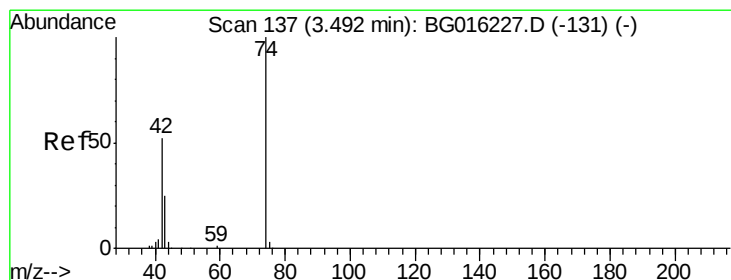
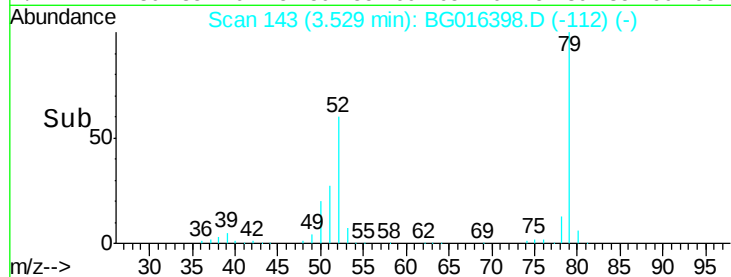
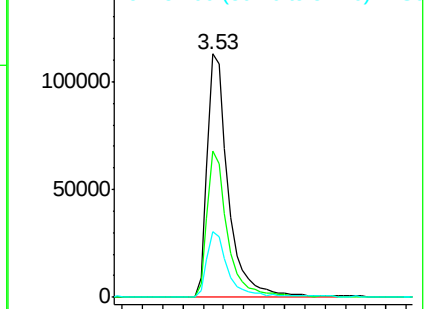
79 100

52 60.2 49.0 73.4

51 26.9 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: 34.40 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

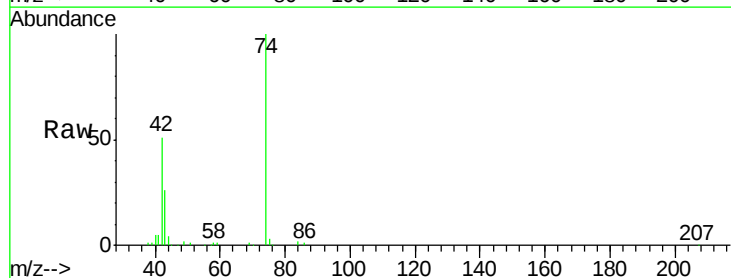
Tgt Ion: 42 Resp: 54917

Ion Ratio Lower Upper

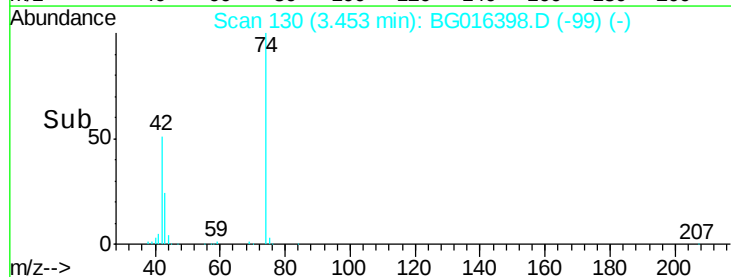
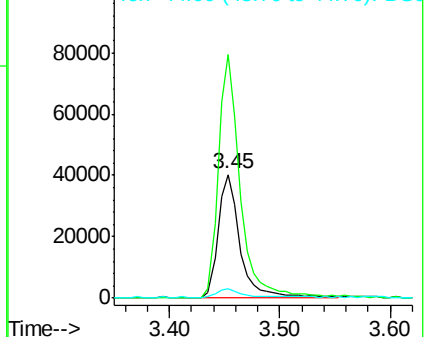
42 100

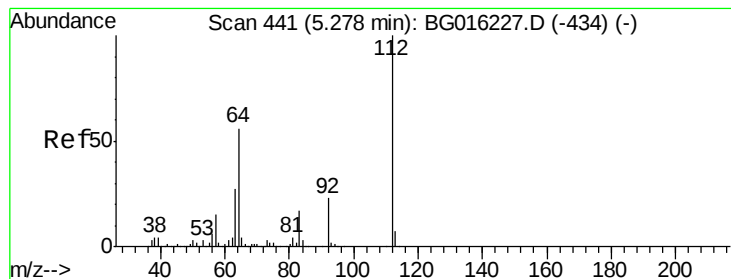
74 197.4 153.7 230.5

44 7.6 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: 134.10 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

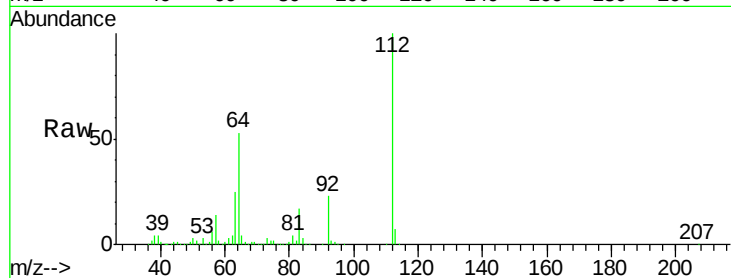
Tgt Ion: 112 Resp: 530112

Ion Ratio Lower Upper

112 100

64 52.8 44.5 66.7

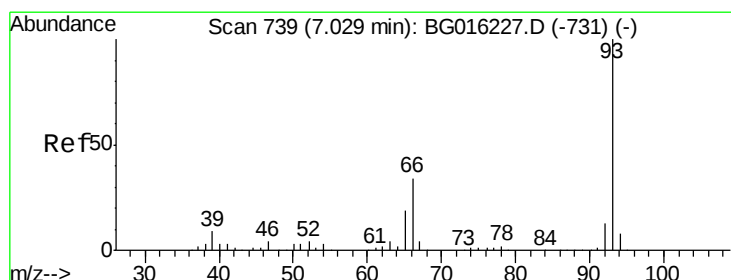
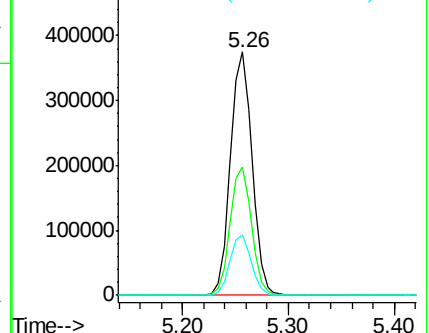
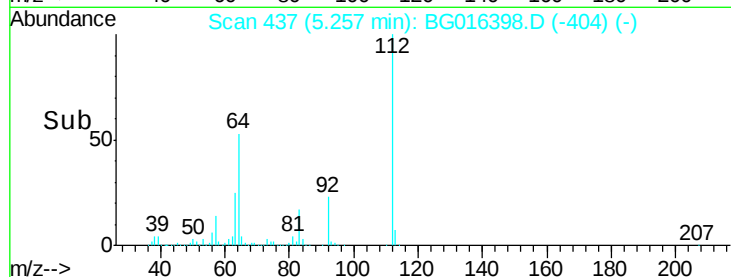
63 24.7 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.40 ng

RT: 7.00 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

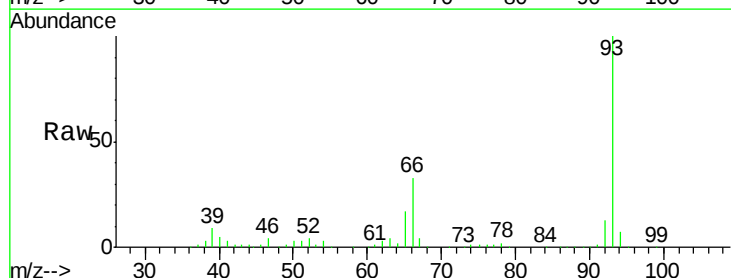
Tgt Ion: 93 Resp: 181389

Ion Ratio Lower Upper

93 100

66 33.1 27.5 41.3

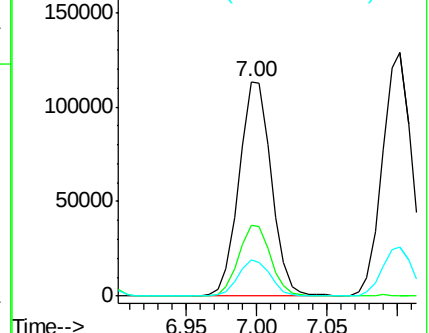
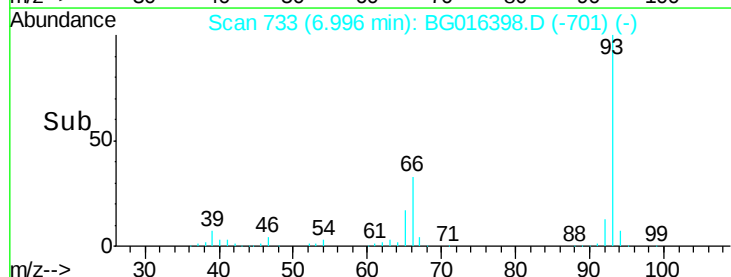
65 16.9 15.1 22.7

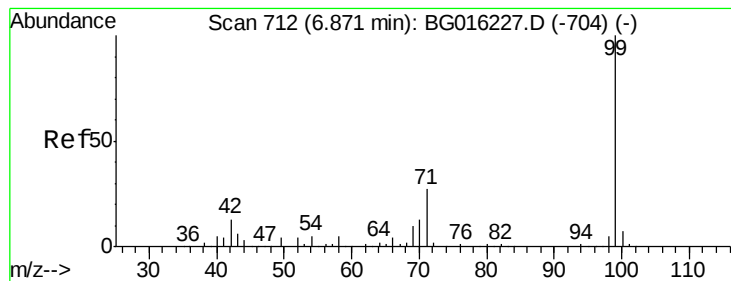


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.30 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

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ClientSampleId :

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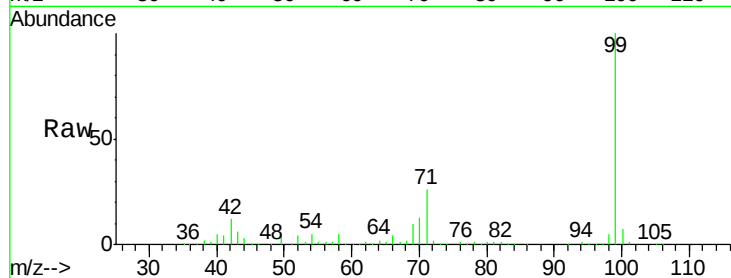
Tgt Ion: 99 Resp: 755419

Ion Ratio Lower Upper

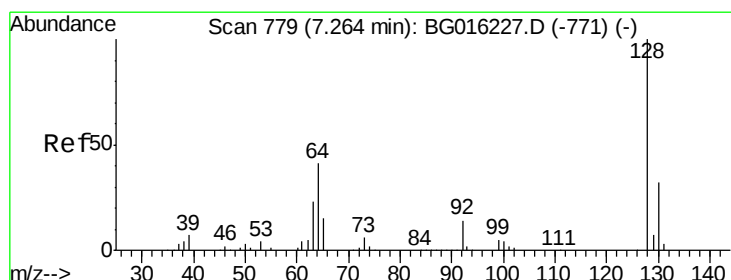
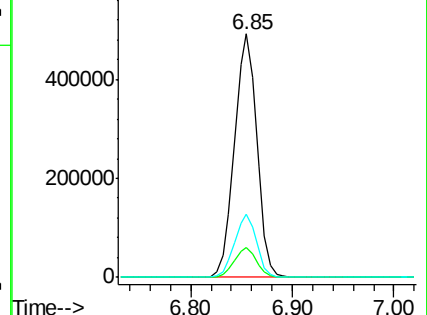
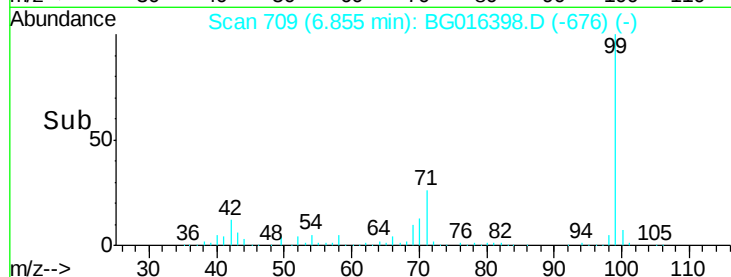
99 100

42 12.1 10.0 15.0

71 25.9 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: 44.28 ng

RT: 7.24 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

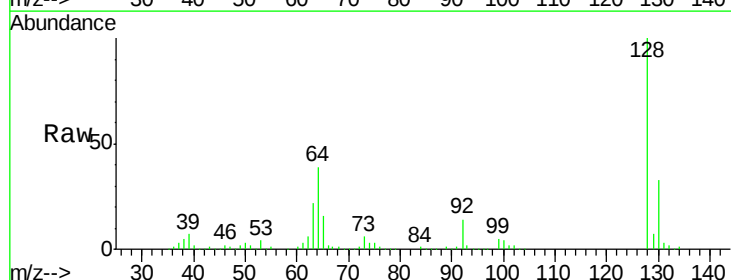
Tgt Ion: 128 Resp: 210194

Ion Ratio Lower Upper

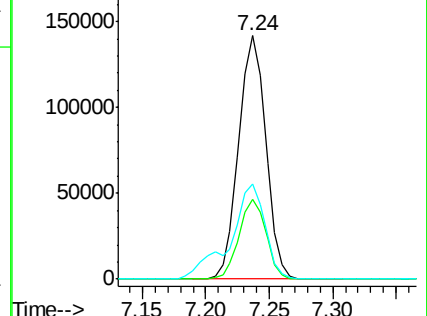
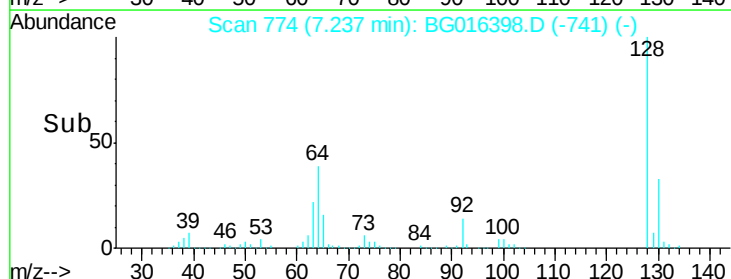
128 100

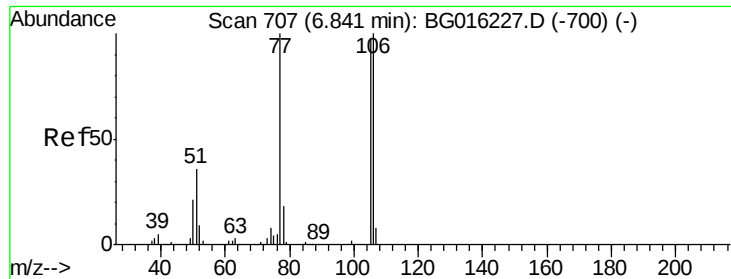
130 32.6 11.6 51.6

64 39.0 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: 13.95 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

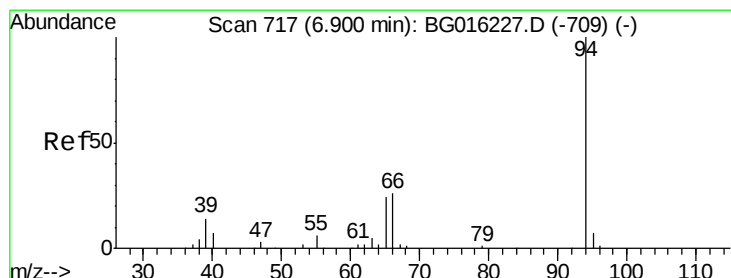
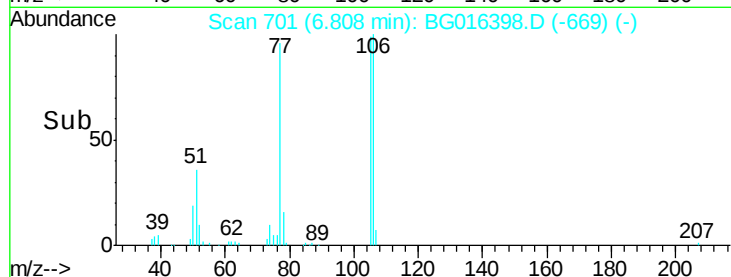
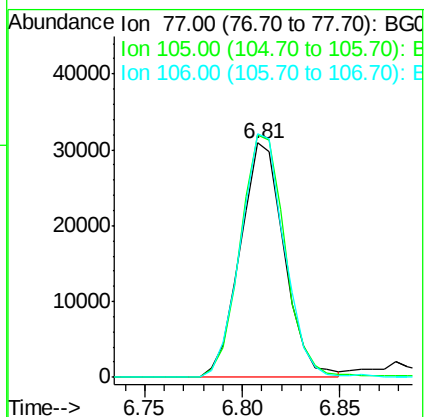
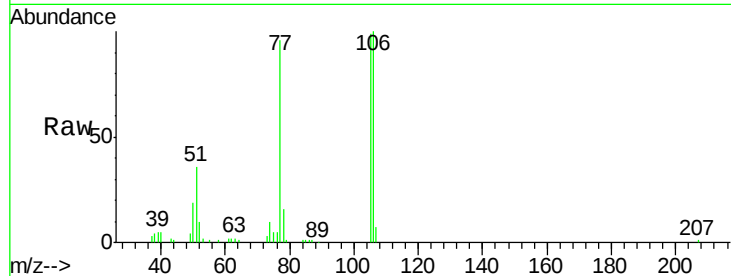
Tgt Ion: 77 Resp: 48481

Ion Ratio Lower Upper

77 100

105 103.2 76.8 116.8

106 104.0 80.1 120.1



#10

Phenol

Concen: 42.66 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

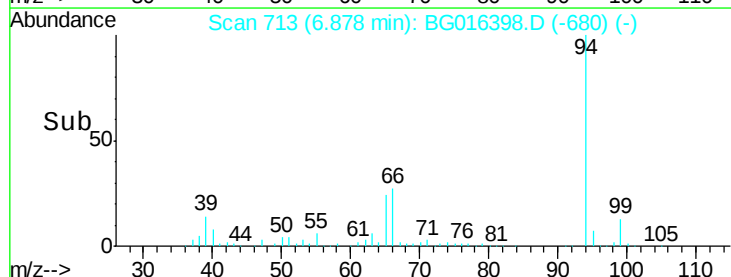
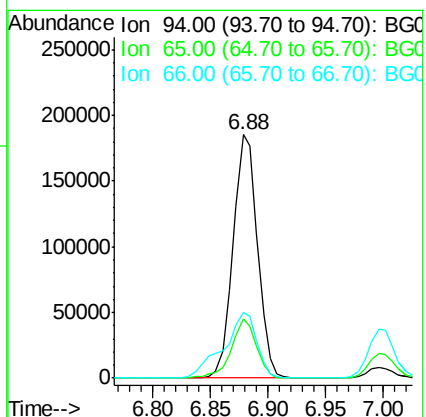
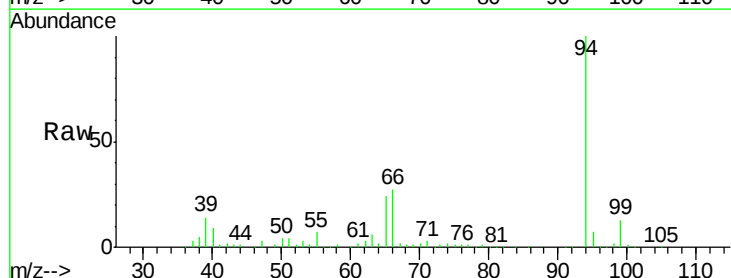
Tgt Ion: 94 Resp: 270838

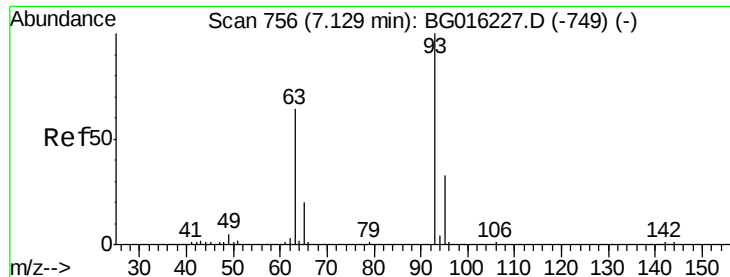
Ion Ratio Lower Upper

94 100

65 24.3 3.8 43.8

66 27.1 7.4 47.4

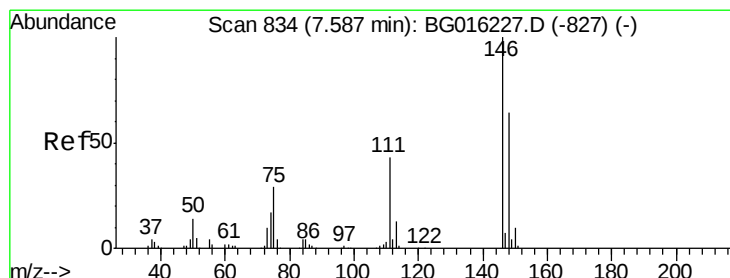
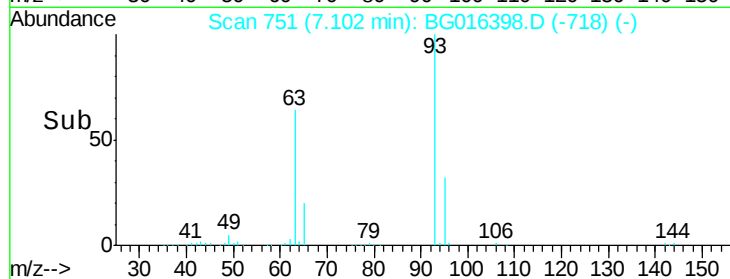
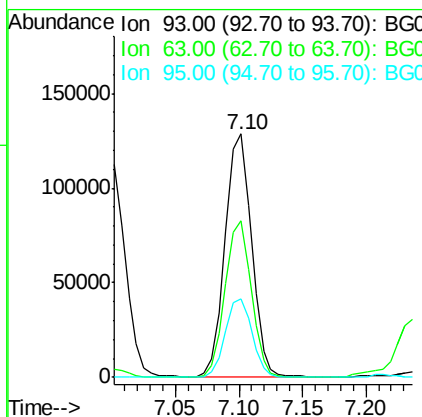
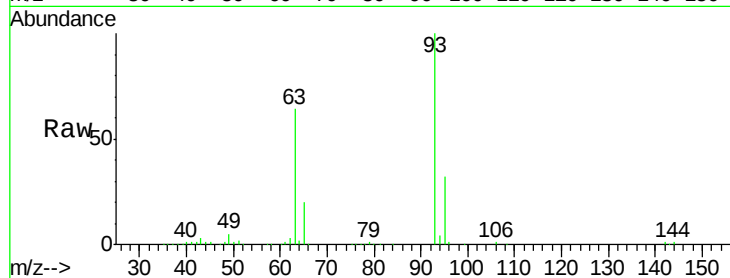




#11
 bis(2-Chloroethyl)ether
 Concen: 36.92 ng
 RT: 7.10 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

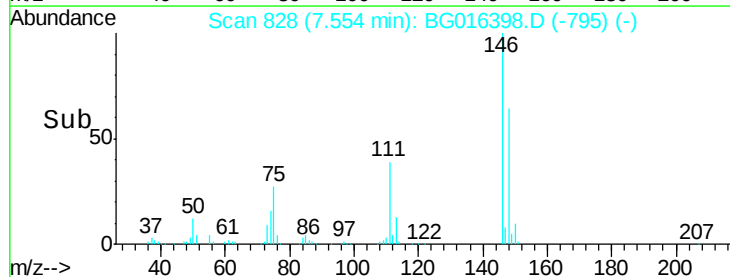
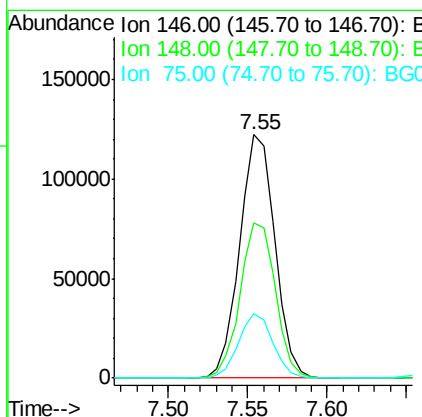
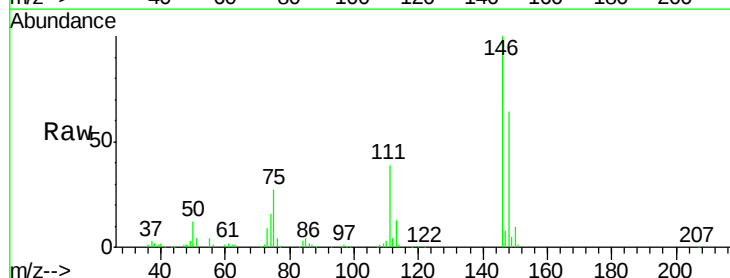
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

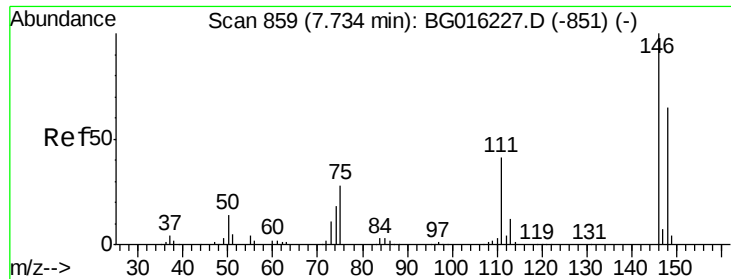
Tgt Ion:	93	Resp:	186930
Ion	Ratio	Lower	Upper
93	100		
63	64.2	44.1	84.1
95	32.3	12.5	52.5



#12
 1,3-Dichlorobenzene
 Concen: 39.39 ng
 RT: 7.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:	146	Resp:	188837
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	26.5	23.3	34.9

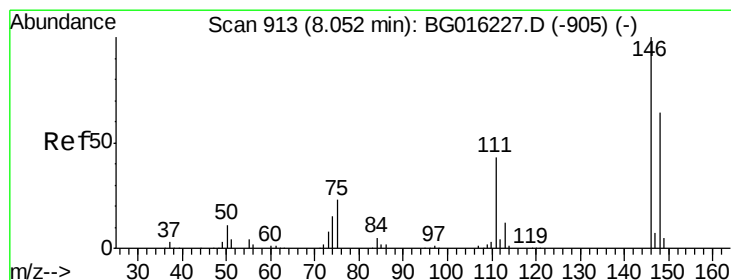
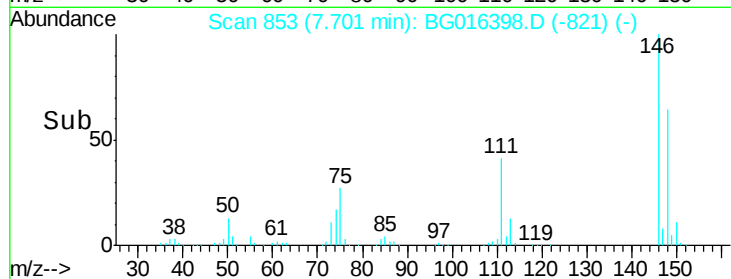
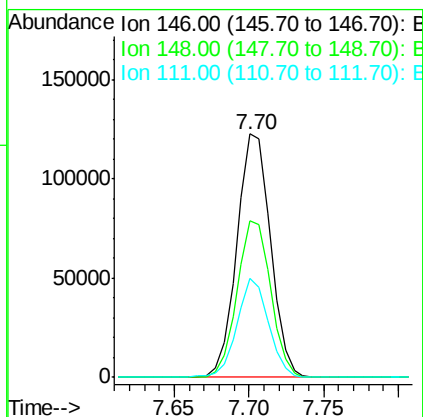
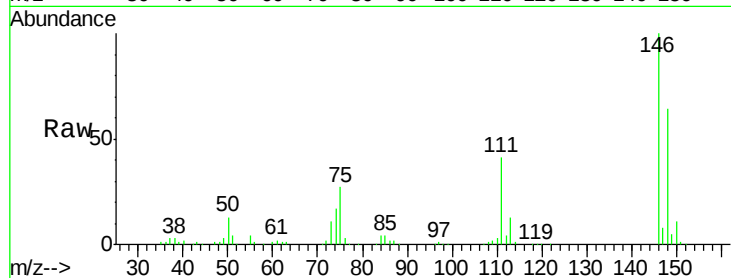




#13
 1,4-Dichlorobenzene
 Concen: 38.46 ng
 RT: 7.70 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

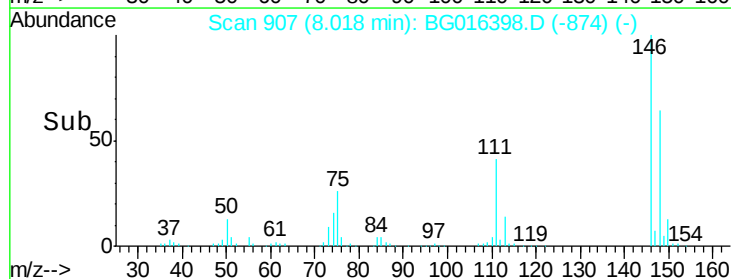
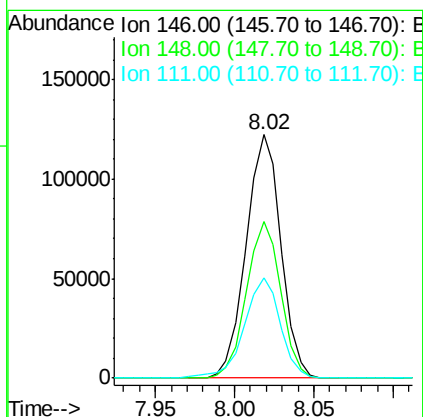
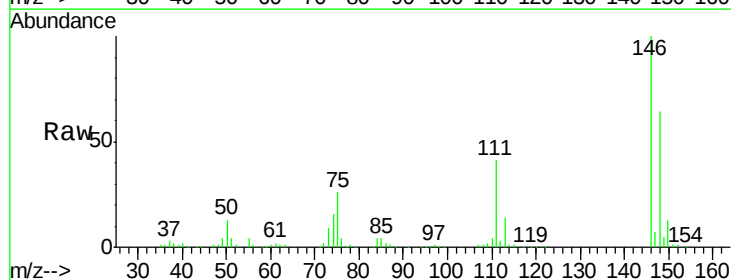
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

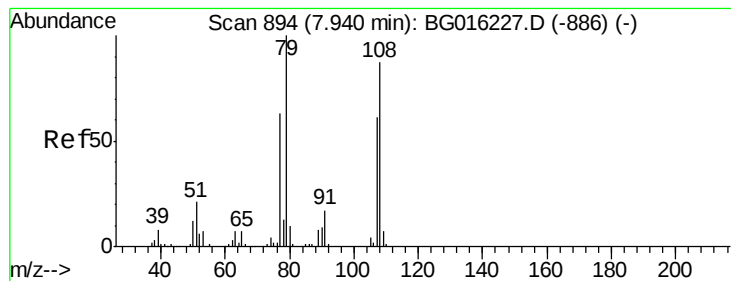
Tgt Ion:146 Resp: 191266
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 40.6 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 39.08 ng
 RT: 8.02 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:146 Resp: 185873
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 111 41.1 34.7 52.1





#15

Benzyl Alcohol

Concen: 38.62 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

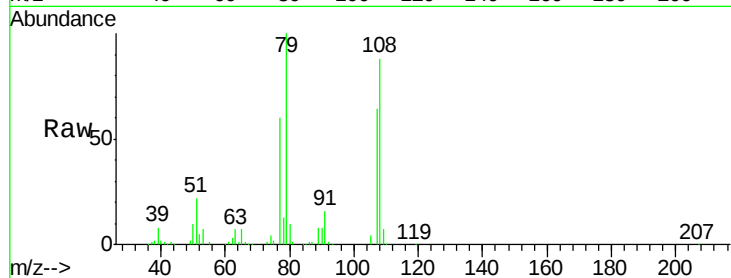
Tgt Ion: 79 Resp: 159766

Ion Ratio Lower Upper

79 100

108 88.0 69.3 103.9

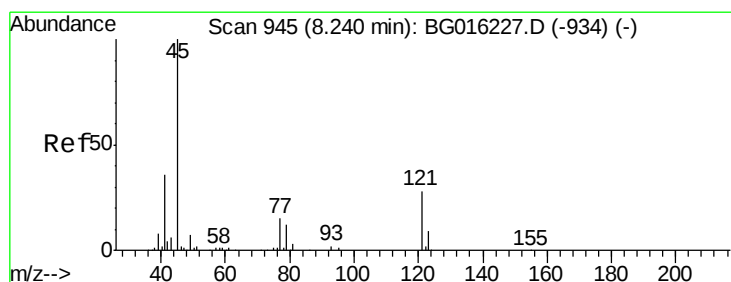
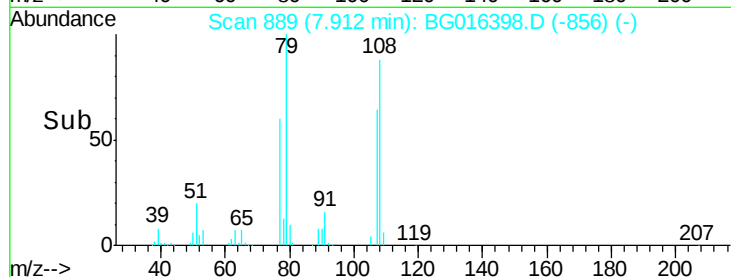
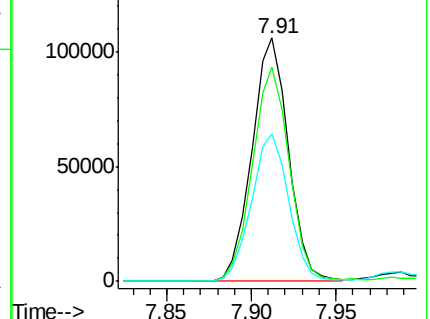
77 60.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.28 ng

RT: 8.21 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

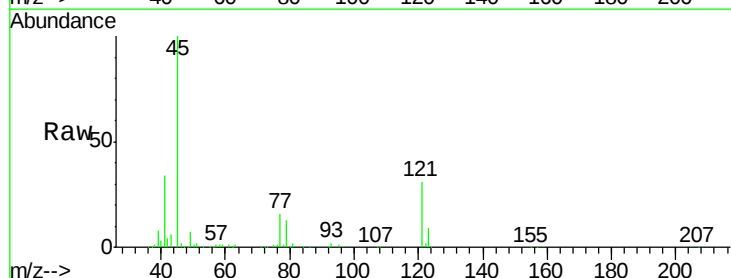
Tgt Ion: 45 Resp: 206859

Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.3

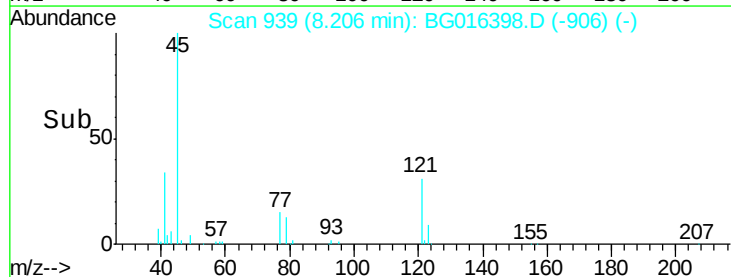
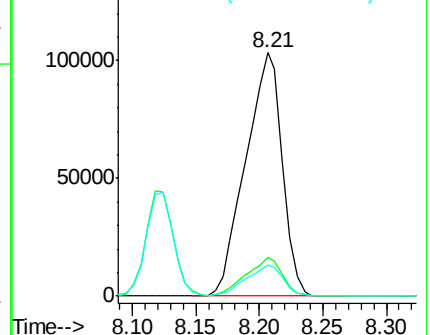
79 13.0 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

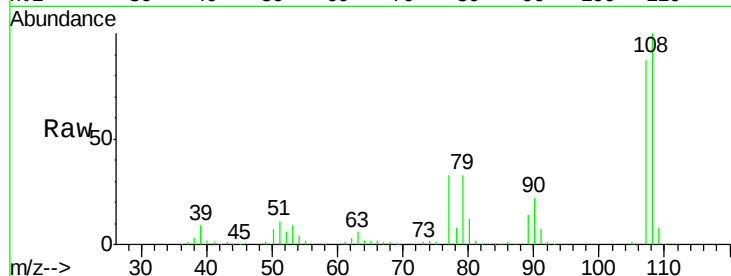




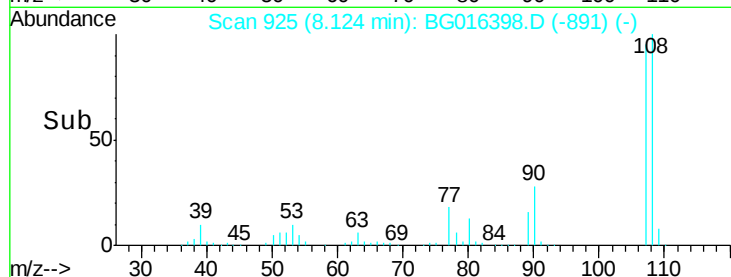
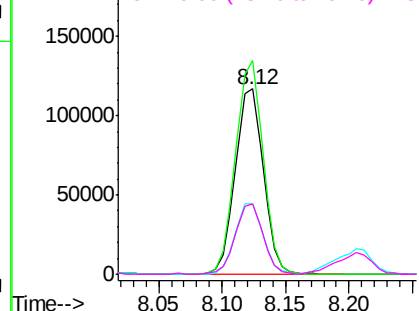
#17
2-Methylphenol
Concen: 42.01 ng
RT: 8.12 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion:107 Resp: 178875
Ion Ratio Lower Upper
107 100
108 115.4 87.2 130.8
77 37.9 31.1 46.7
79 37.9 29.7 44.5

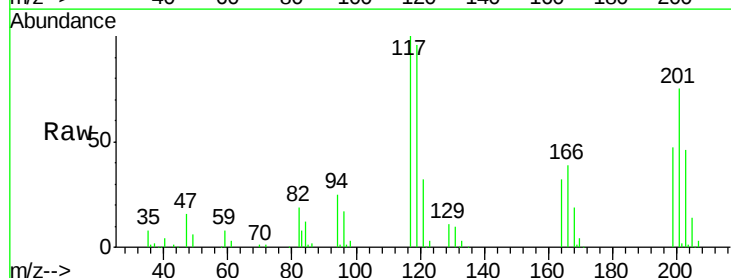


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

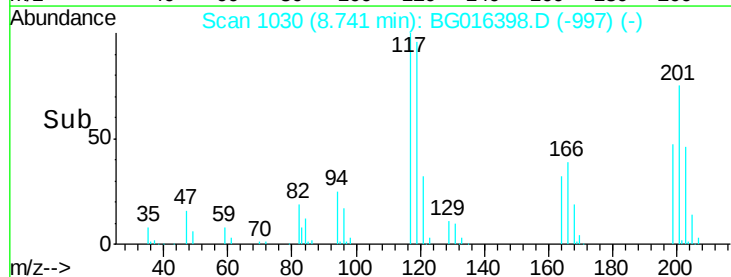
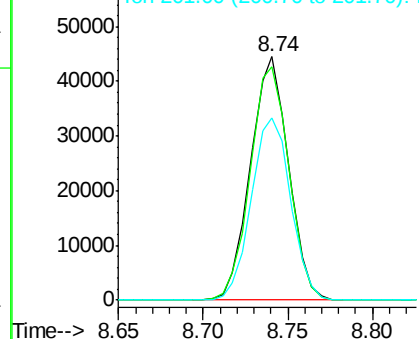


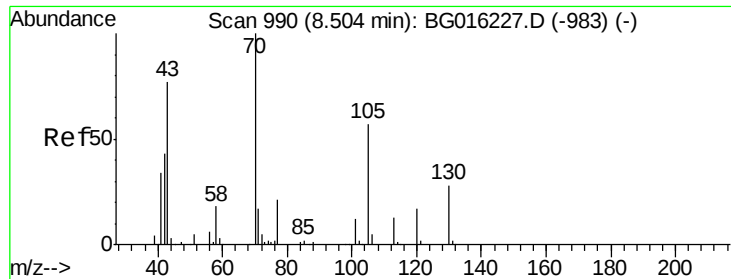
#18
Hexachloroethane
Concen: 36.47 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:117 Resp: 69381
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2
201 74.7 59.0 88.4



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

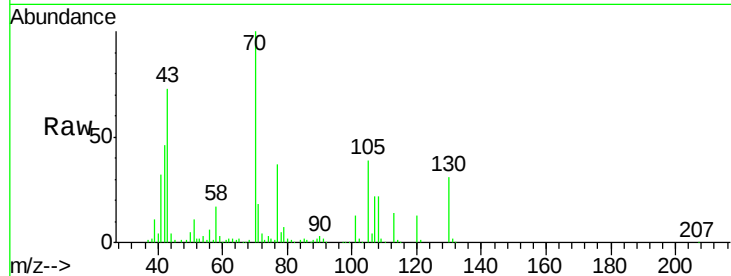




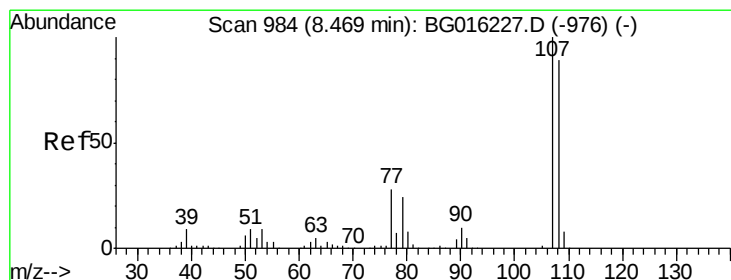
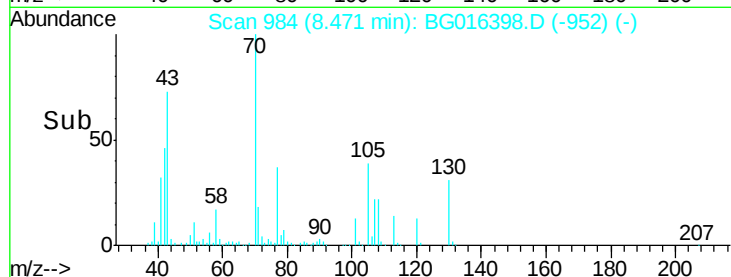
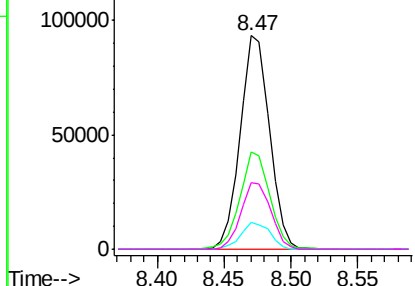
#19
n-Nitroso-di-n-propylamine
Concen: 33.32 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion:	70	Resp:	141688
Ion	Ratio	Lower	Upper
70	100		
42	45.8	34.7	52.1
101	12.8	9.2	13.8
130	31.5	22.6	33.8

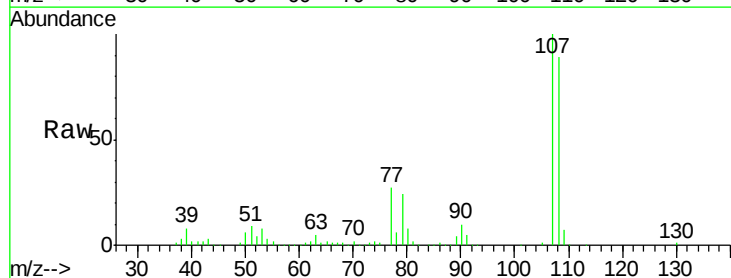


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

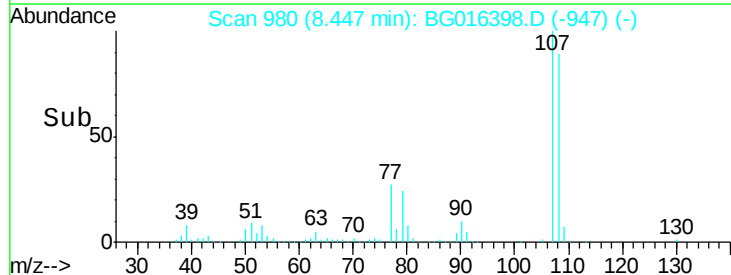
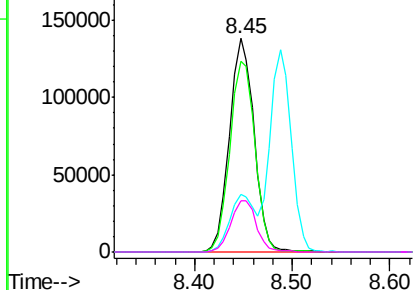


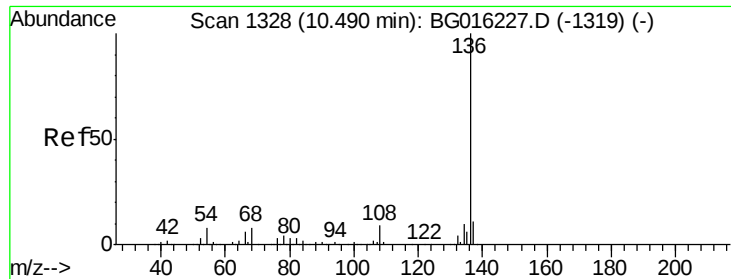
#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 8.45 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:	107	Resp:	242076
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.5	109.5
77	26.7	8.2	48.2
79	23.7	3.8	43.8



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

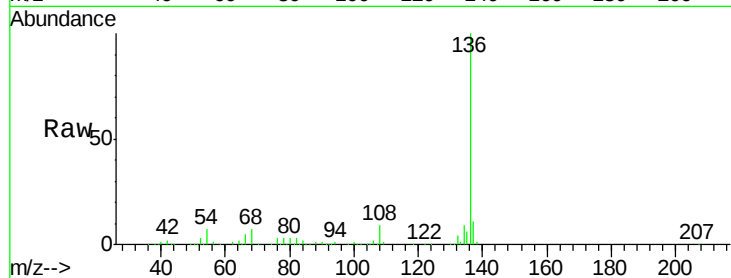




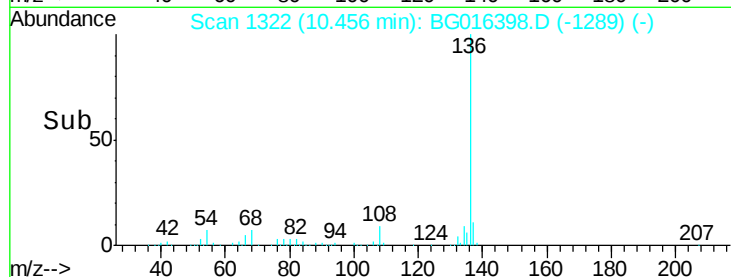
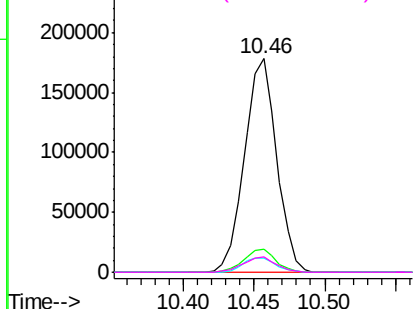
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion:	136	Resp:	284444
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.6	6.3	9.5
68	7.3	6.5	9.7

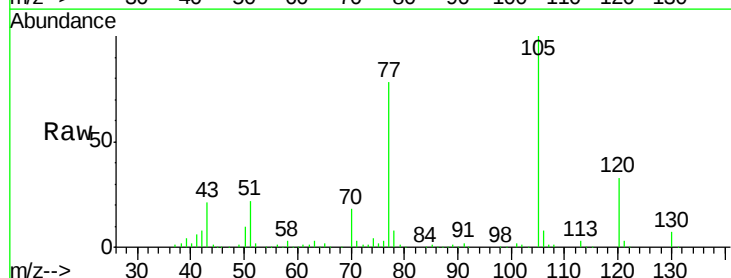


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

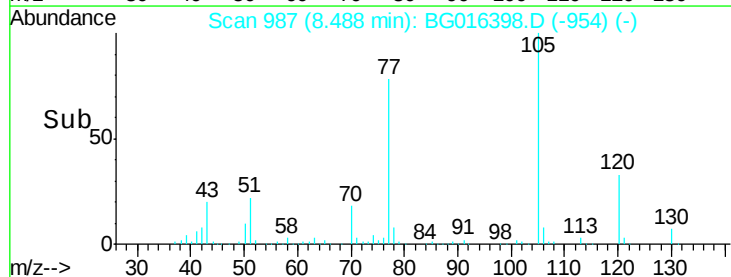
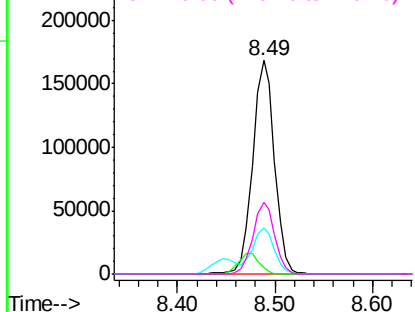


#22
Acetophenone
Concen: 40.22 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:	105	Resp:	265257
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	21.7	17.9	26.9
120	33.4	26.3	39.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

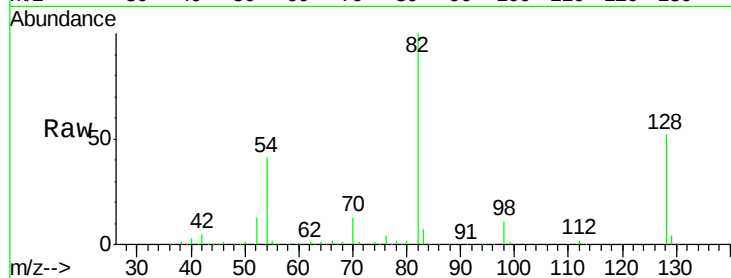




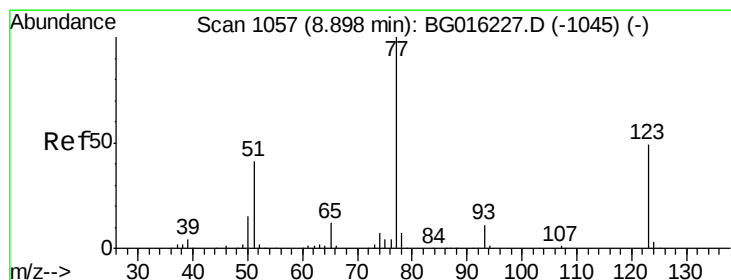
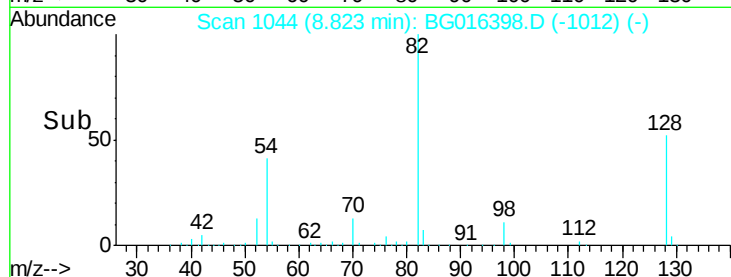
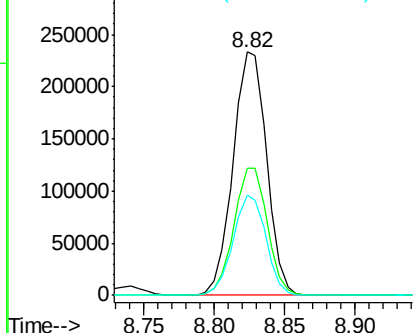
#23
Nitrobenzene-d5
Concen: 78.85 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion: 82 Resp: 387148
Ion Ratio Lower Upper
82 100
128 52.3 37.8 56.8
54 41.4 32.6 49.0

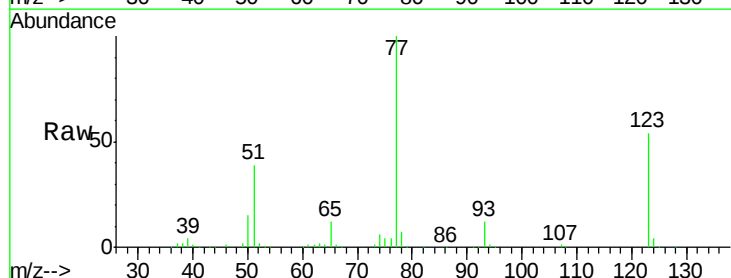


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

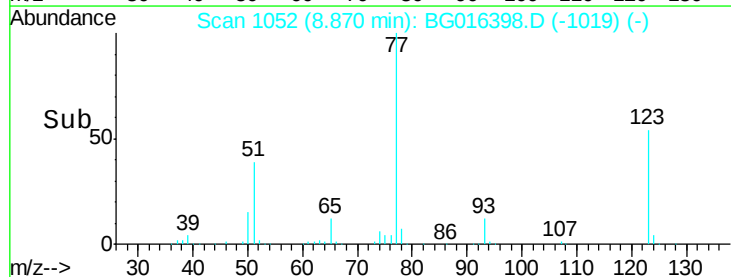
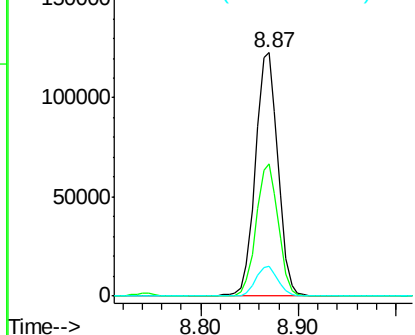


#24
Nitrobenzene
Concen: 38.08 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion: 77 Resp: 199945
Ion Ratio Lower Upper
77 100
123 54.2 38.8 58.2
65 12.3 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: 36.46 ng

RT: 9.39 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

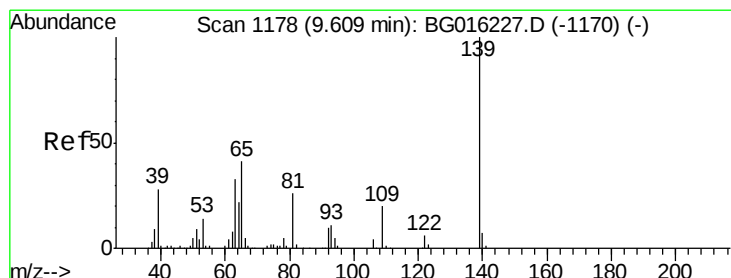
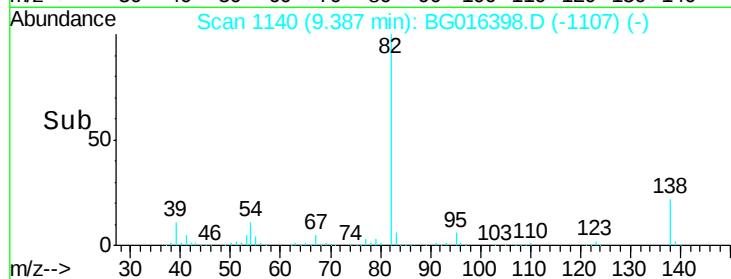
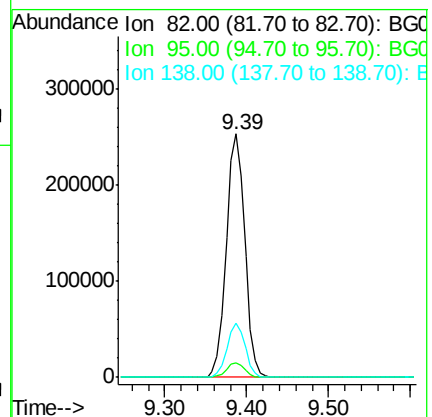
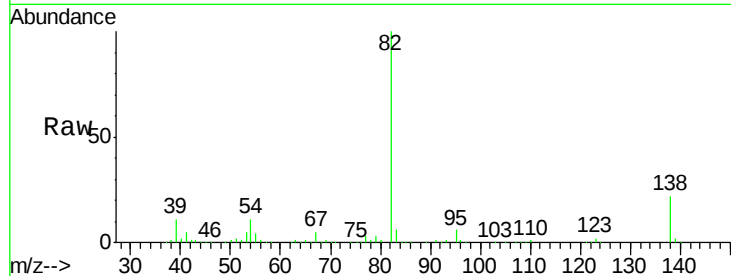
Tgt Ion: 82 Resp: 397535

Ion Ratio Lower Upper

82 100

95 6.0 5.0 7.6

138 22.1 16.2 24.2



#26

2-Nitrophenol

Concen: 46.74 ng

RT: 9.58 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

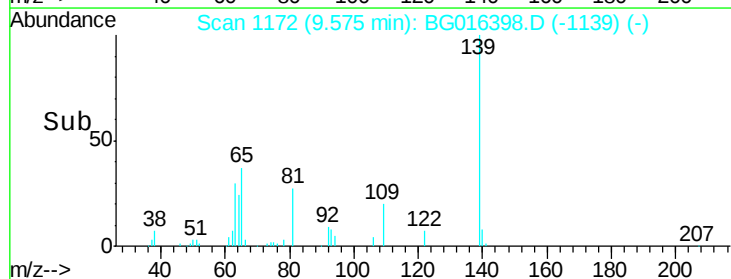
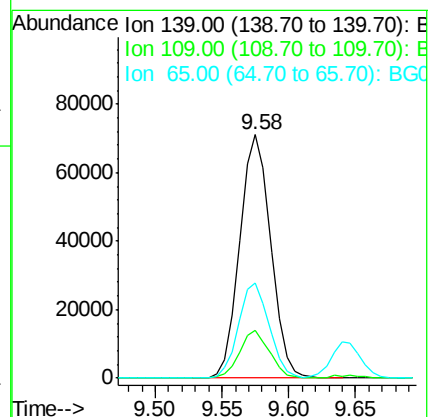
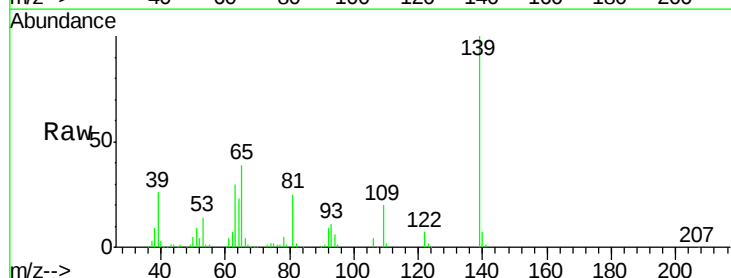
Tgt Ion: 139 Resp: 114441

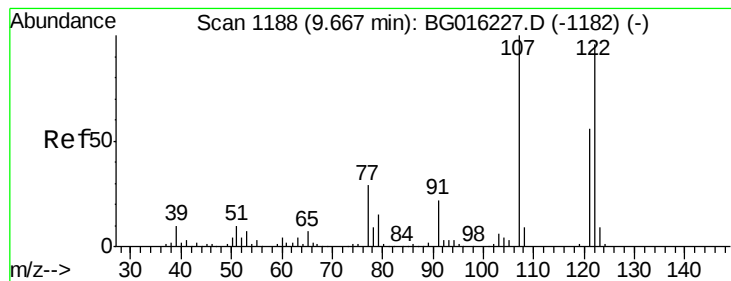
Ion Ratio Lower Upper

139 100

109 19.8 15.9 23.9

65 39.2 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 44.97 ng

RT: 9.65 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

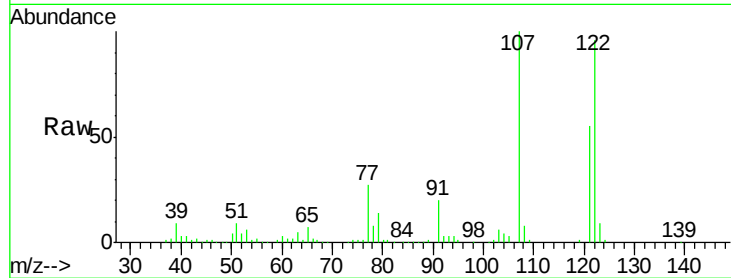
Tgt Ion: 122 Resp: 205114

Ion Ratio Lower Upper

122 100

107 104.5 83.4 125.2

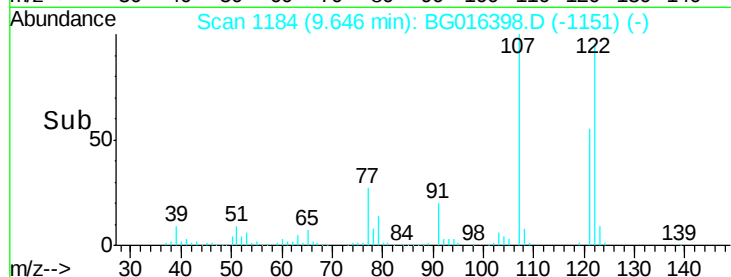
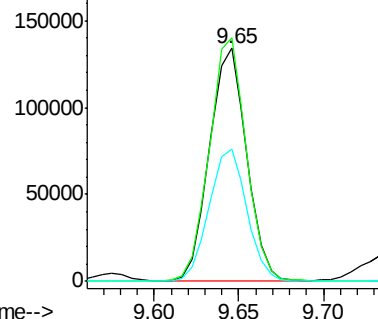
121 57.1 46.2 69.4



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



#28

bis(2-Chloroethoxy)methane

Concen: 39.12 ng

RT: 9.87 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

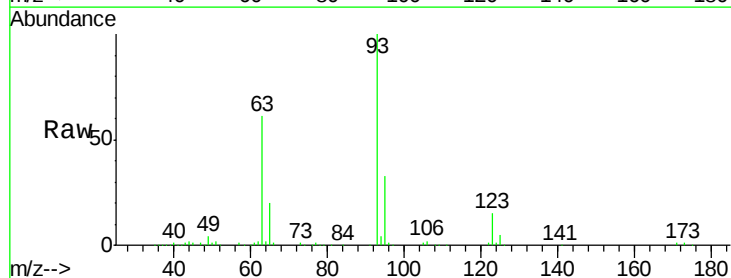
Tgt Ion: 93 Resp: 243468

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

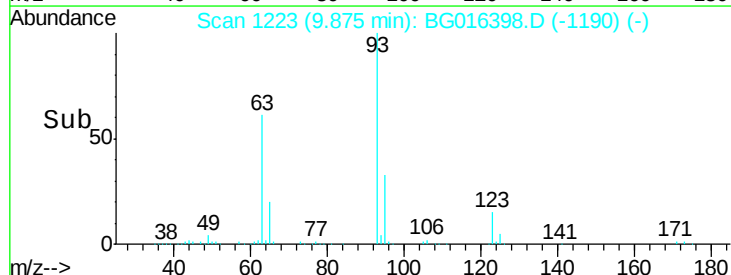
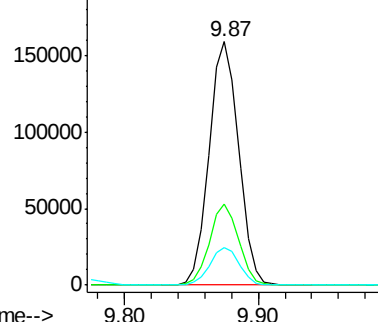
123 15.4 11.8 17.8

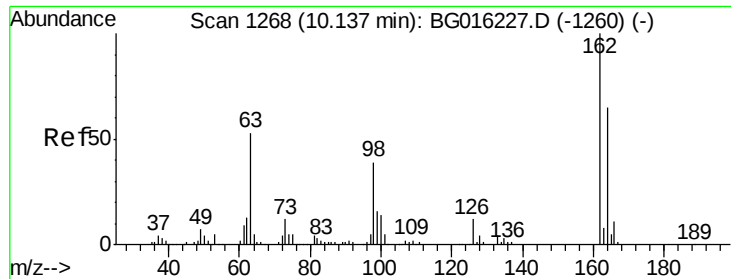


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

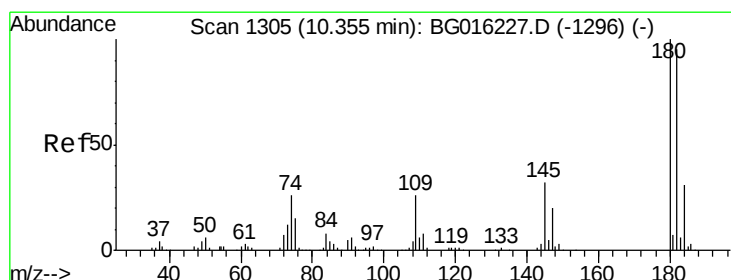
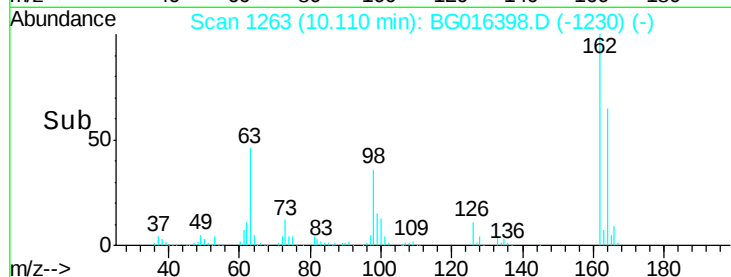
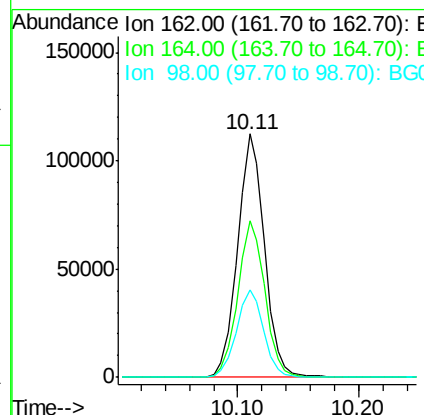
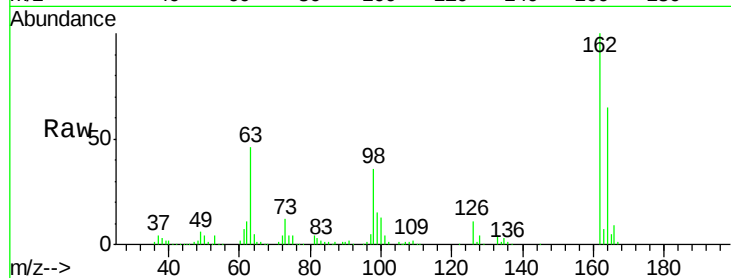




#29
 2,4-Dichlorophenol
 Concen: 48.25 ng
 RT: 10.11 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

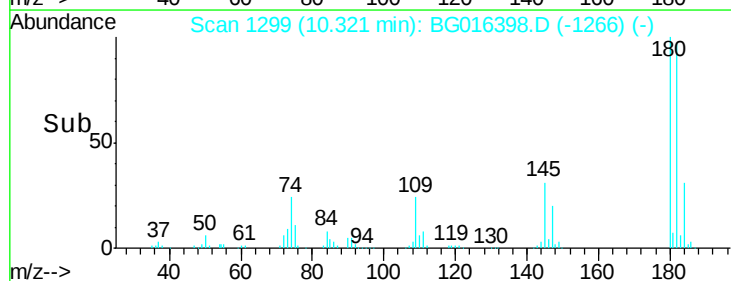
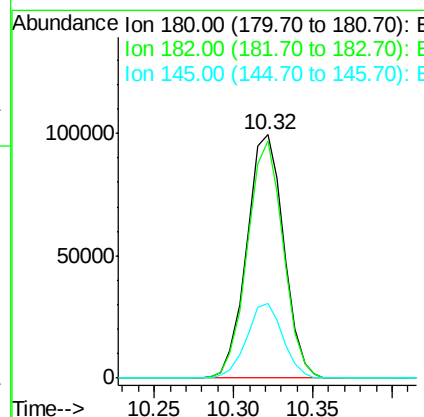
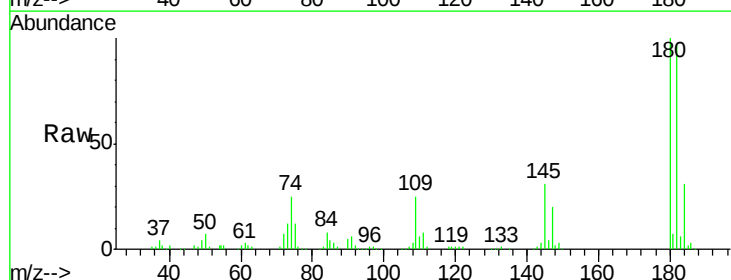
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

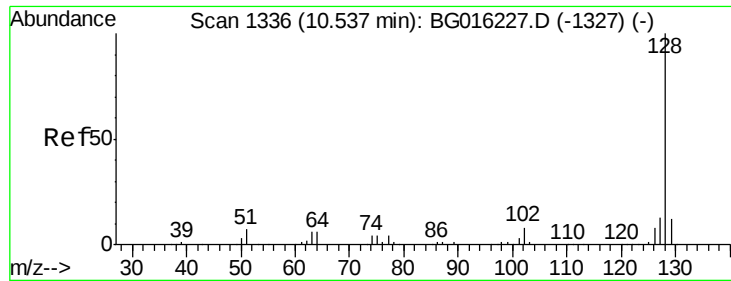
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.0	85.0
98	35.7	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.75 ng
 RT: 10.32 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
145	30.6	25.2	37.8

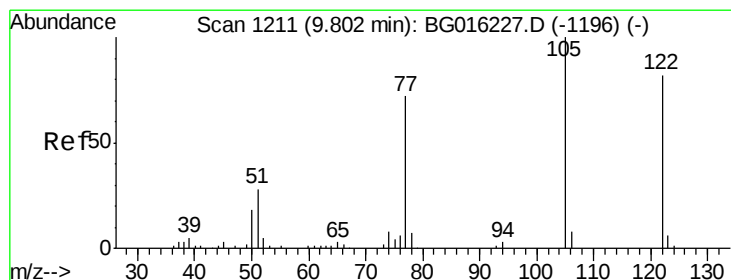
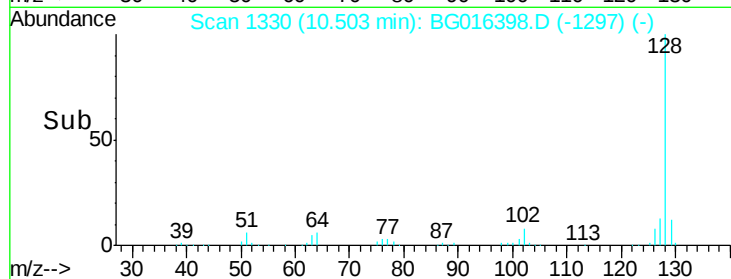
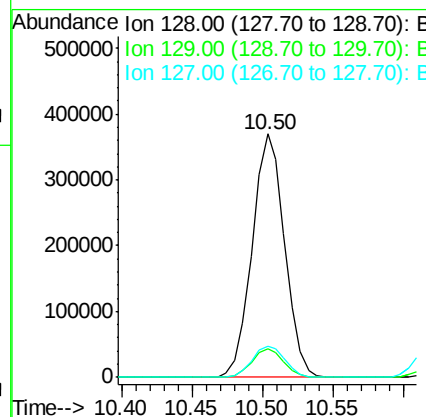
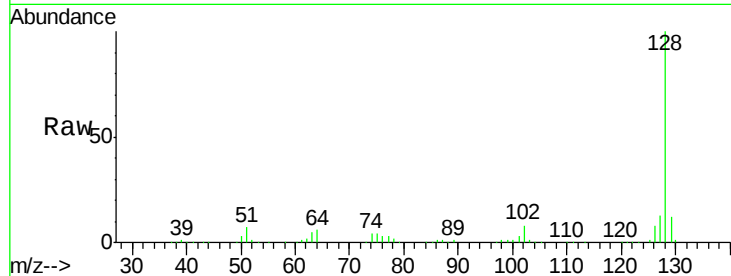




#31
Naphthalene
Concen: 40.09 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

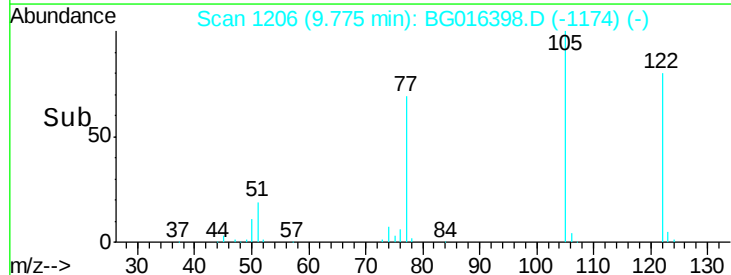
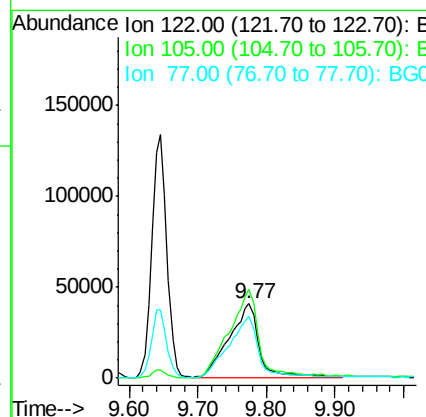
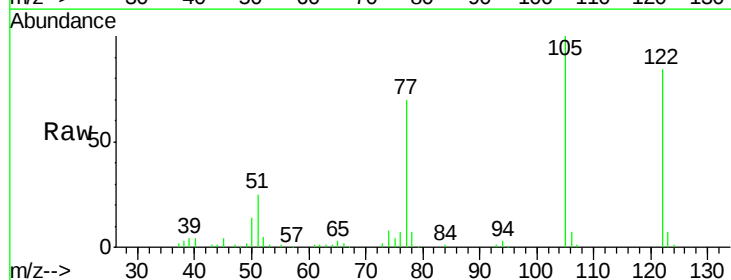
Instrument :
BNA_G
ClientSampleId :
PB82704BSD

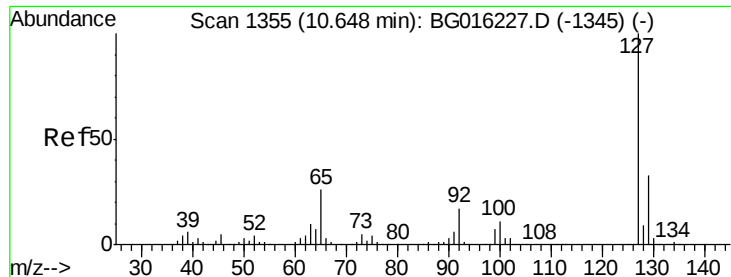
Tgt Ion:128 Resp: 594221
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.23 ng
RT: 9.77 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:122 Resp: 121837
Ion Ratio Lower Upper
122 100
105 118.8 99.7 139.7
77 83.0 66.8 106.8

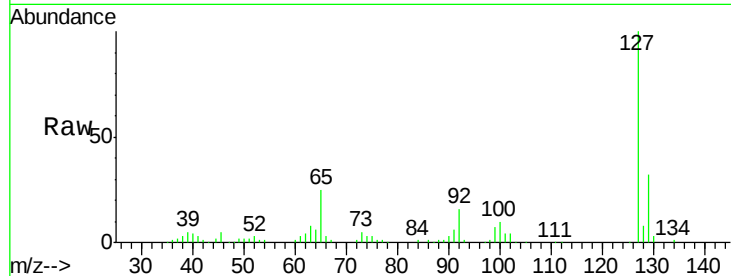




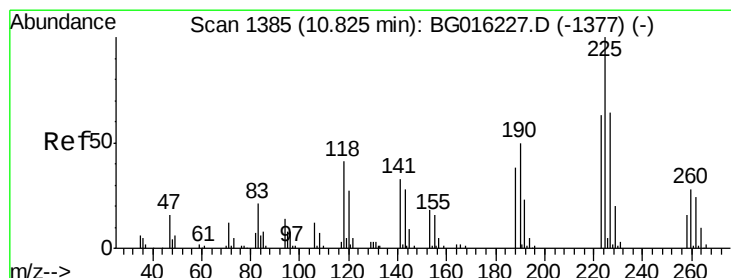
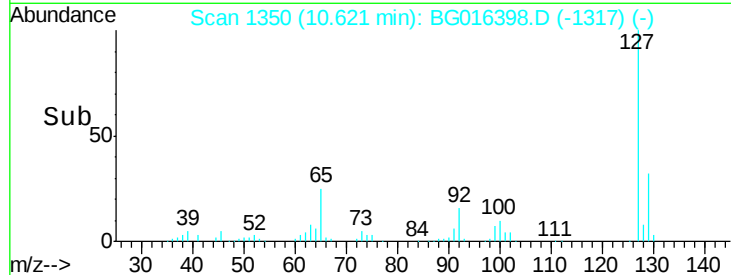
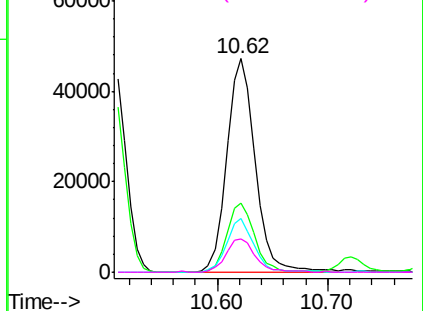
#33
4-Chloroaniline
Concen: 12.25 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion:	127	Resp:	85208
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	25.4	21.2	31.8
92	15.6	13.8	20.6

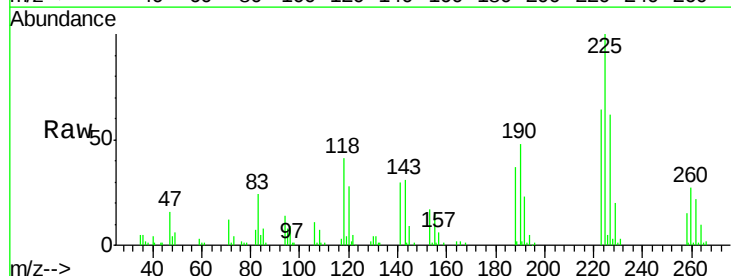


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

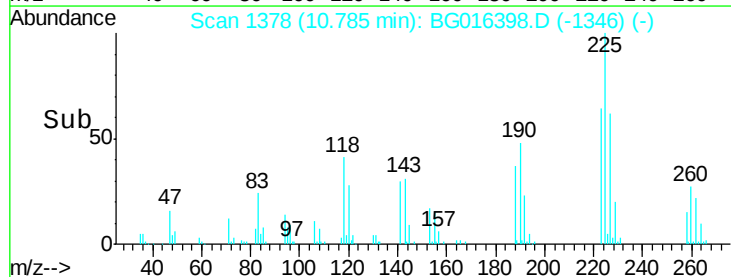
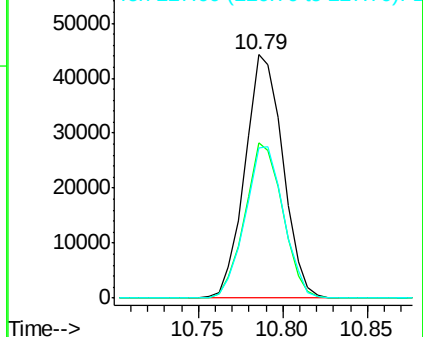


#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 10.79 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:	225	Resp:	69132
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.4	75.6
227	61.6	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

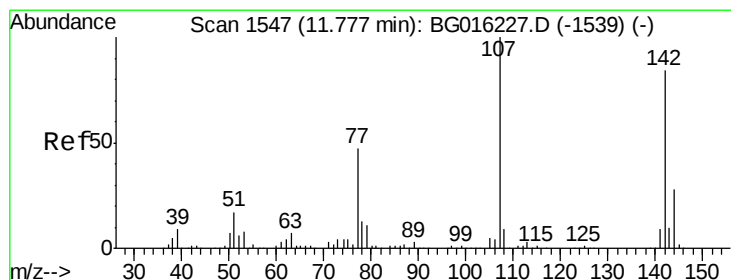
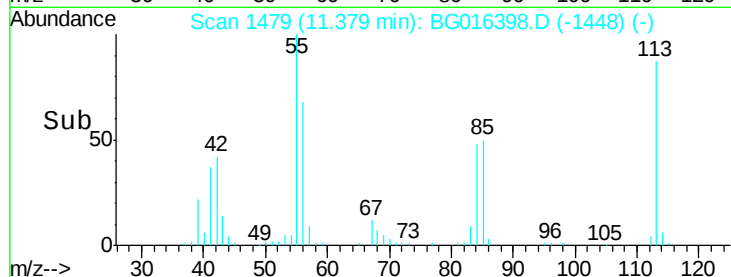
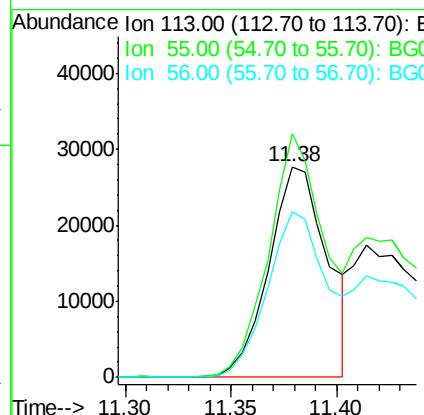
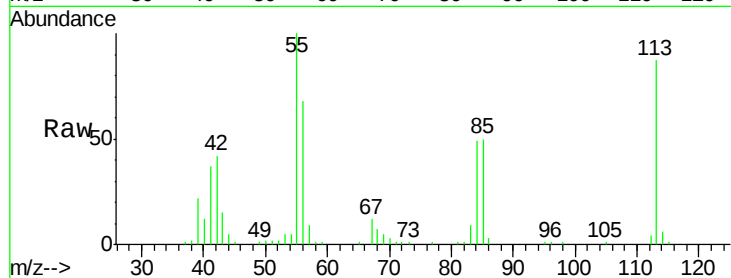




#35
 Caprolactam
 Concen: 23.44 ng
 RT: 11.38 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

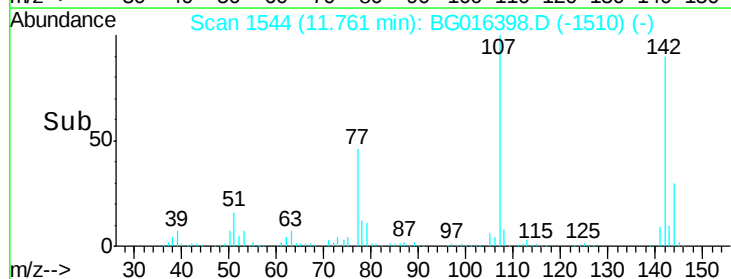
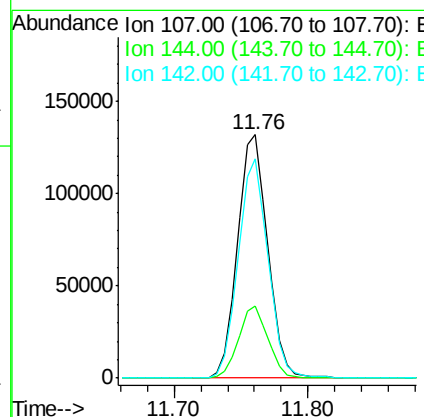
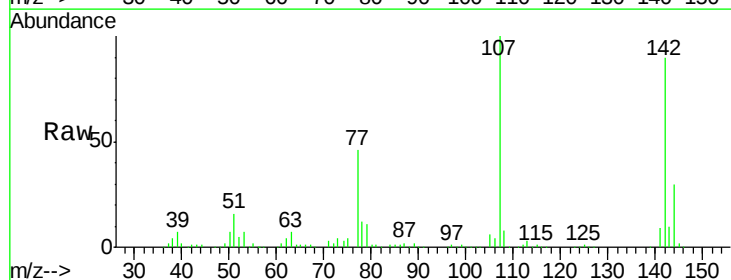
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion: 113 Resp: 53264
 Ion Ratio Lower Upper
 113 100
 55 115.6 92.4 132.4
 56 78.7 63.2 103.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.50 ng
 RT: 11.76 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion: 107 Resp: 207378
 Ion Ratio Lower Upper
 107 100
 144 29.7 22.0 33.0
 142 89.9 67.0 100.6

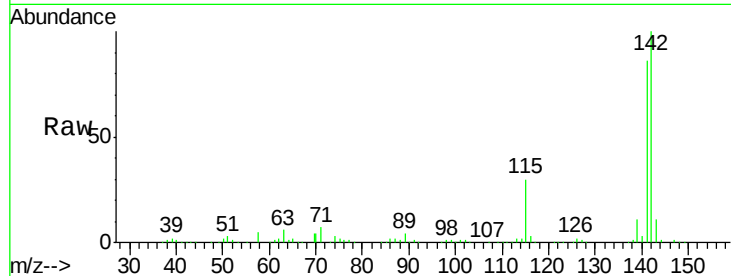




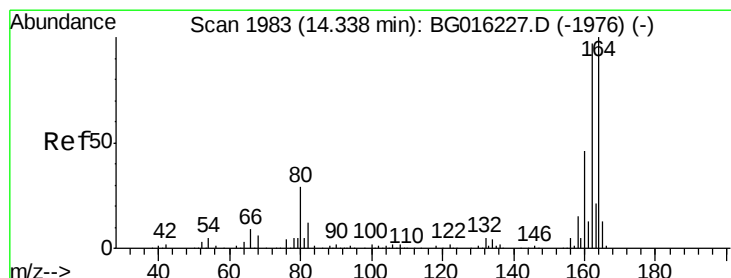
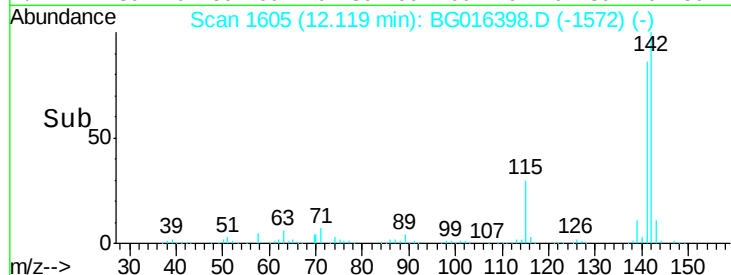
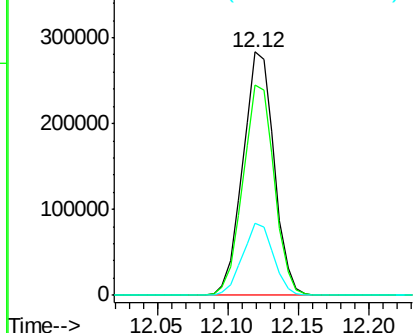
#37
2-Methylnaphthalene
Concen: 41.24 ng
RT: 12.12 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion:142 Resp: 439672
Ion Ratio Lower Upper
142 100
141 86.2 69.3 103.9
115 29.5 25.0 37.6

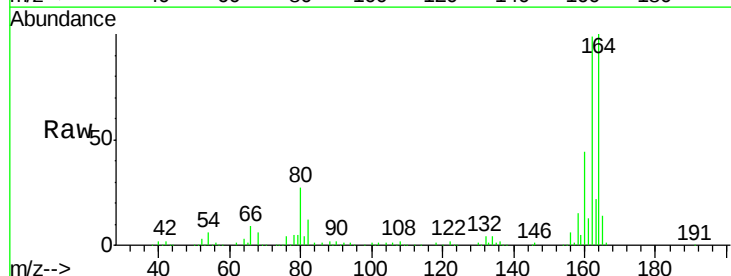


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

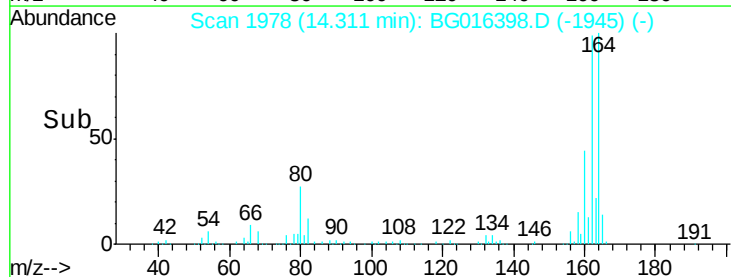
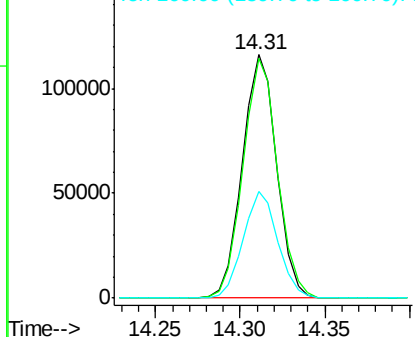


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:164 Resp: 163841
Ion Ratio Lower Upper
164 100
162 98.6 77.3 115.9
160 43.8 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: 41.74 ng

RT: 12.50 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

Tgt Ion:216 Resp: 150570

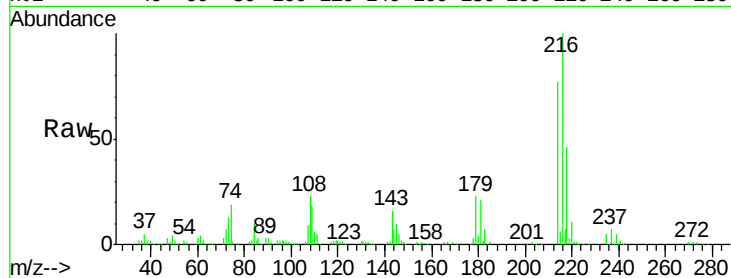
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 22.9 18.2 27.2

108 26.9 21.2 31.8

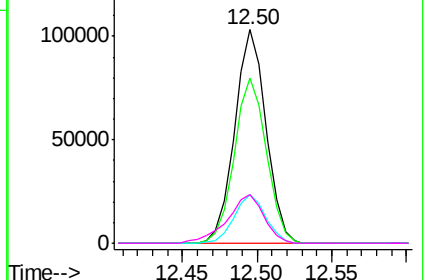
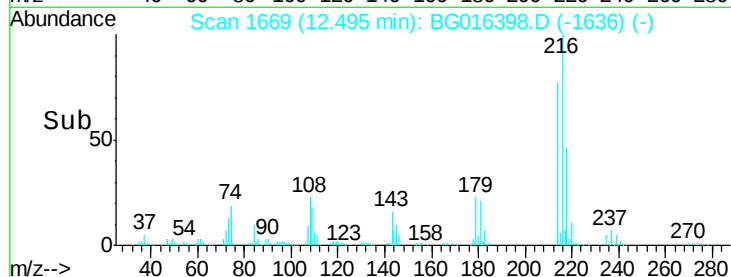


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.41 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

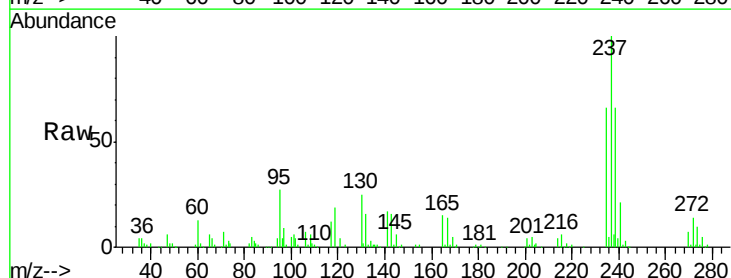
Tgt Ion:237 Resp: 154227

Ion Ratio Lower Upper

237 100

235 66.0 43.9 83.9

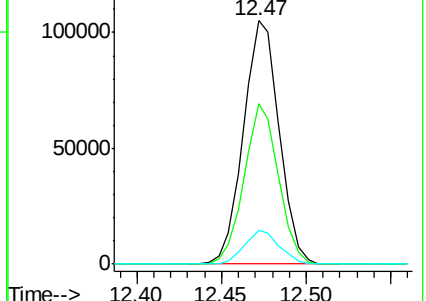
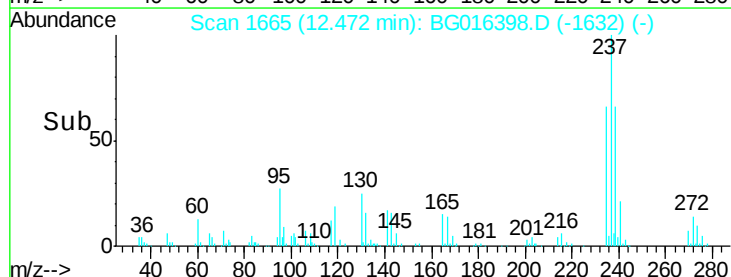
272 13.7 0.0 33.1

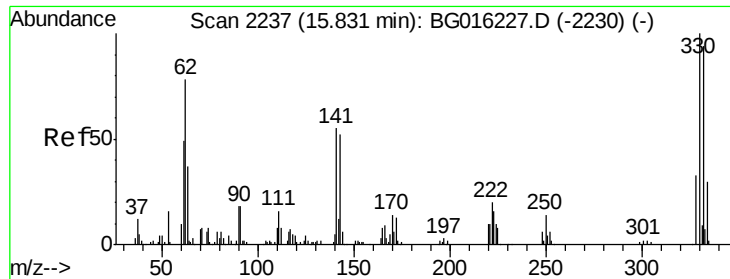


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

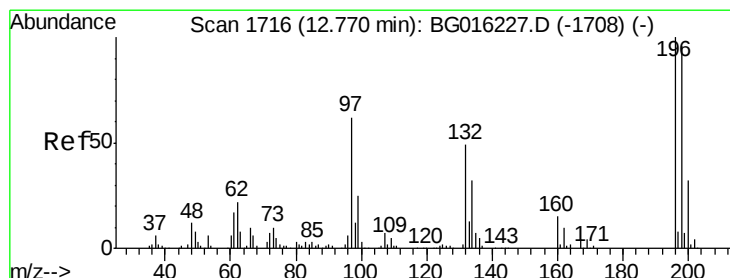
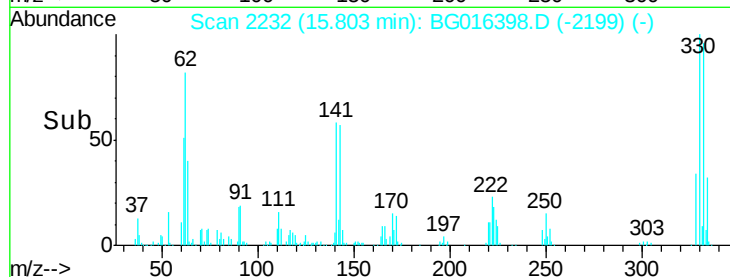
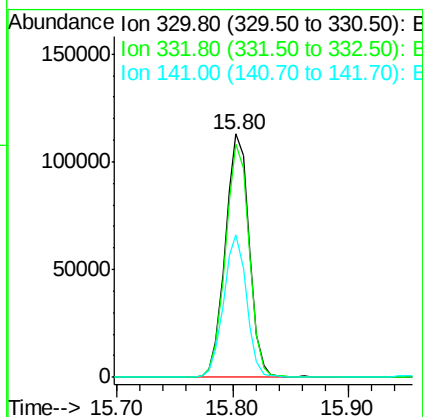
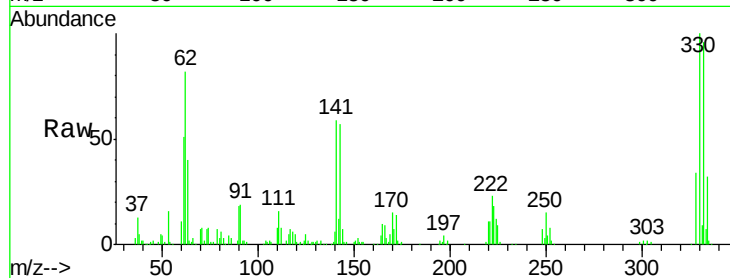




#41
 2,4,6-Tribromophenol
 Concen: 145.74 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

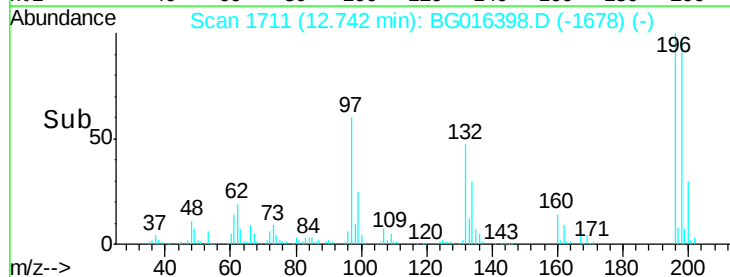
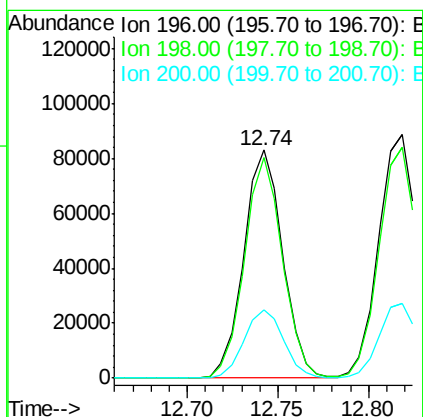
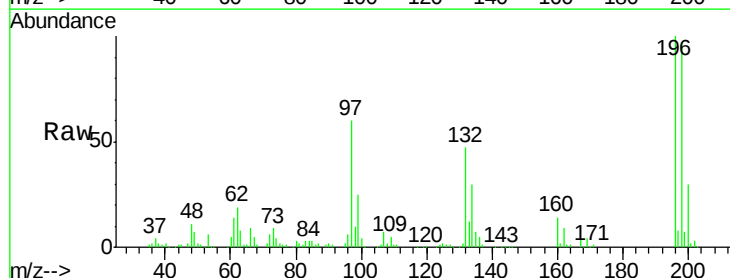
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion:330 Resp: 161488
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 56.4 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 46.20 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:196 Resp: 123841
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.2 115.8
 200 29.9 25.3 37.9

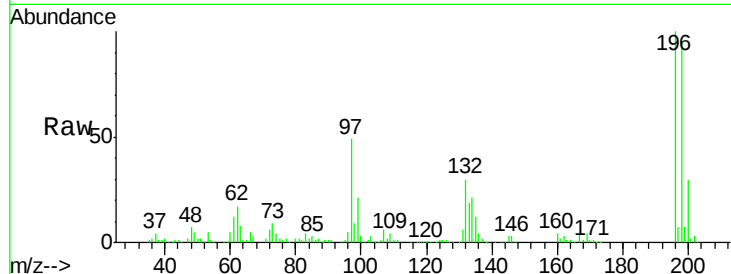




#43
 2,4,5-Trichlorophenol
 Concen: 47.71 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.1	115.7
97	49.5	46.6	69.8
132	29.9	27.0	40.6



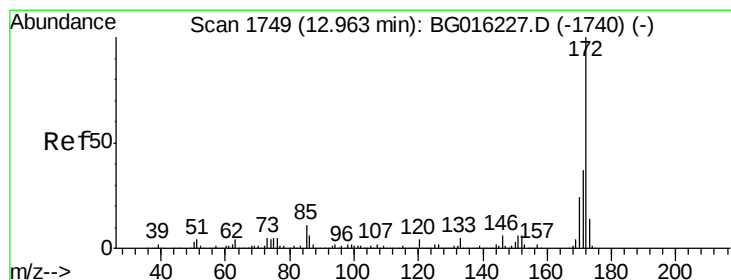
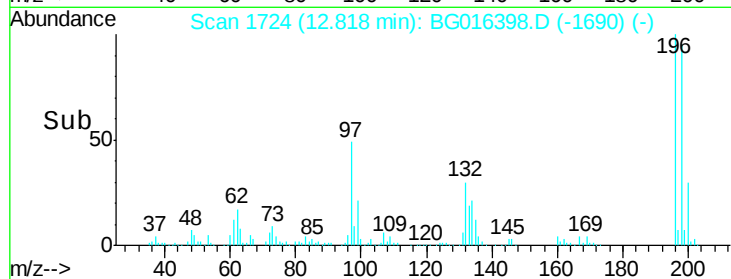
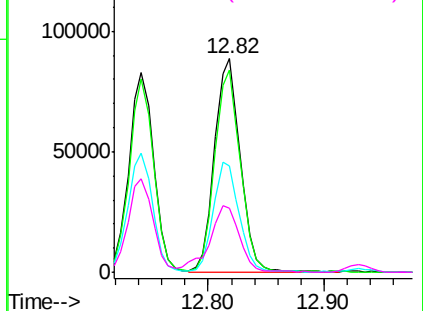
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

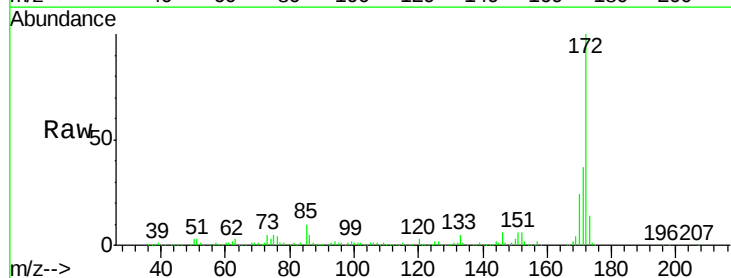
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.92 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.2	19.4	29.2

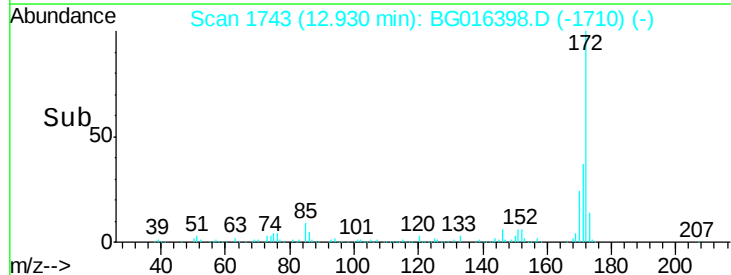
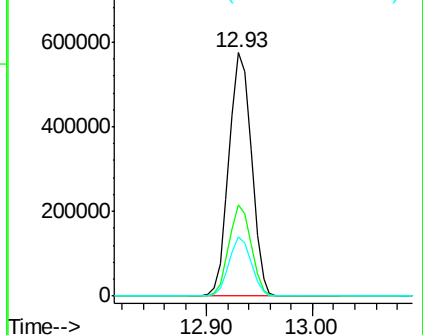


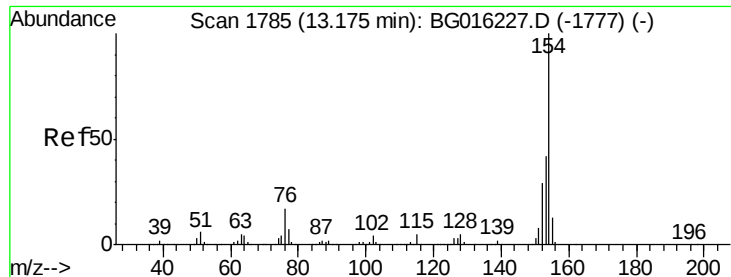
Abundance

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

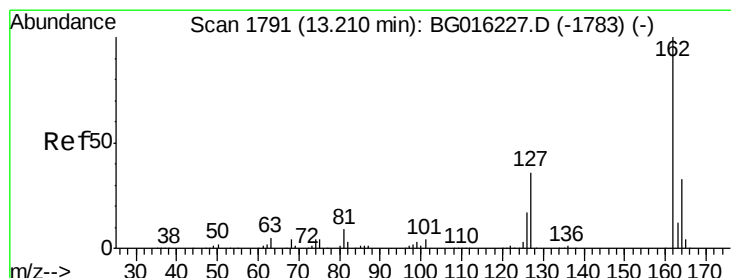
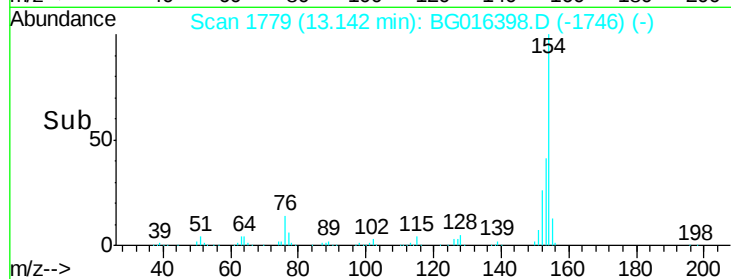
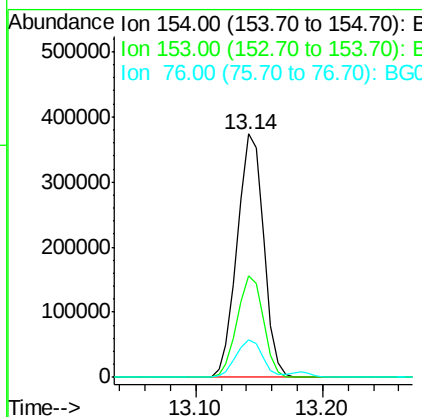
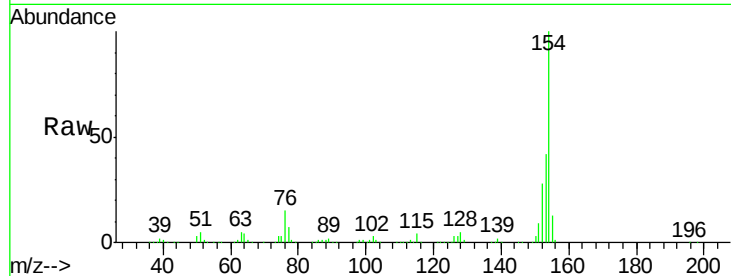




#45
 1,1'-Biphenyl
 Concen: 42.79 ng
 RT: 13.14 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

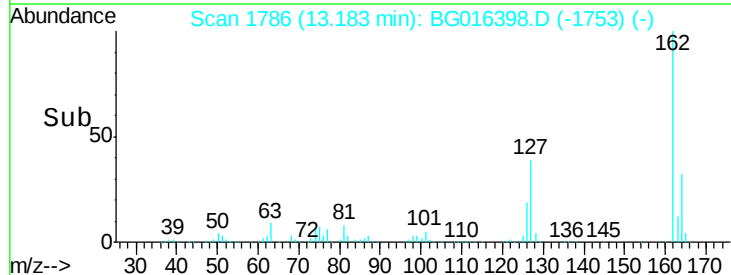
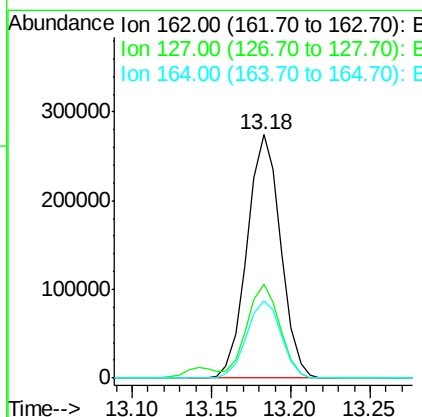
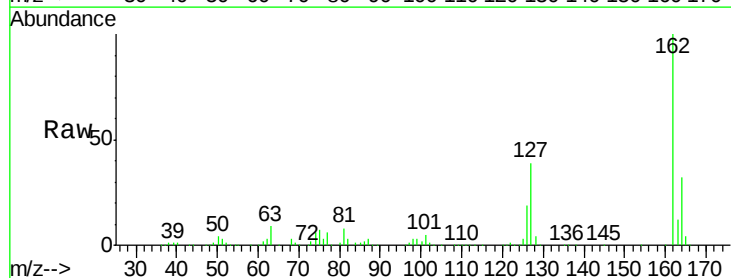
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

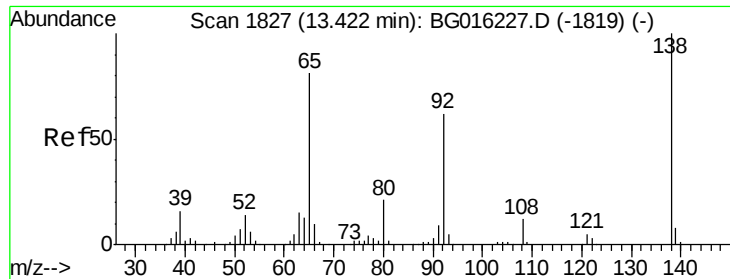
Tgt Ion:154 Resp: 537794
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.4 62.4
 76 15.5 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 42.13 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:162 Resp: 403384
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.8 46.2
 164 31.8 26.6 40.0

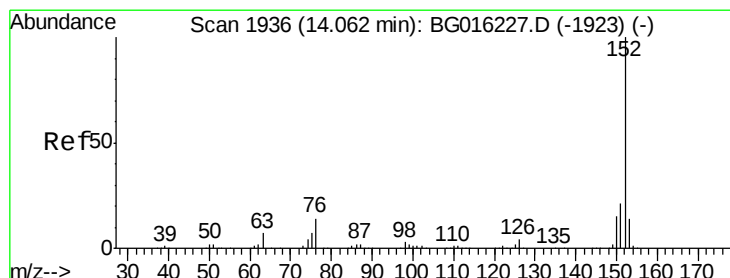
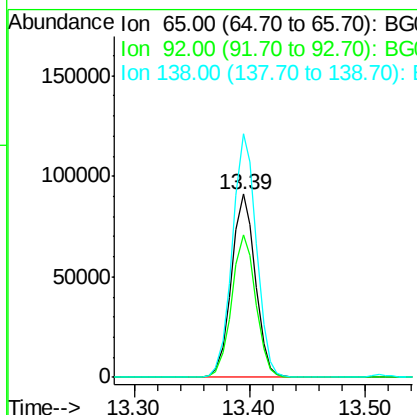
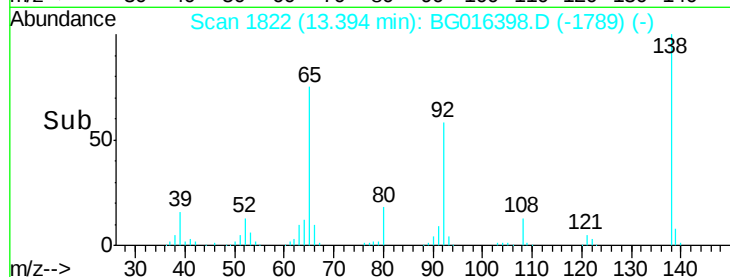
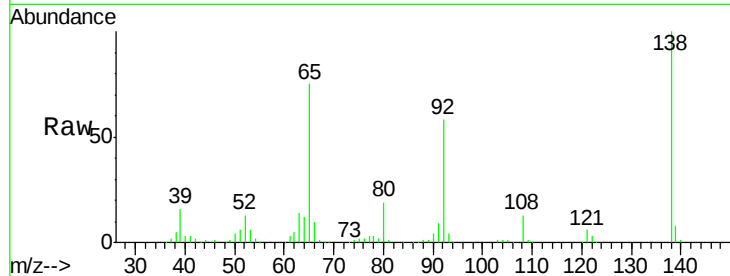




#47
 2-Nitroaniline
 Concen: 42.26 ng
 RT: 13.39 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

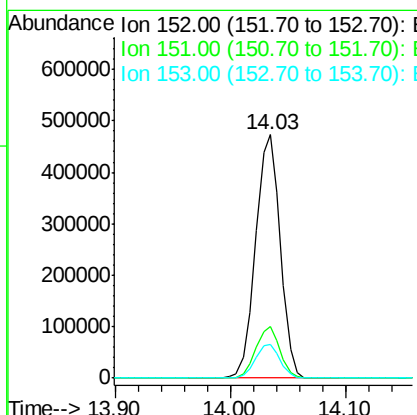
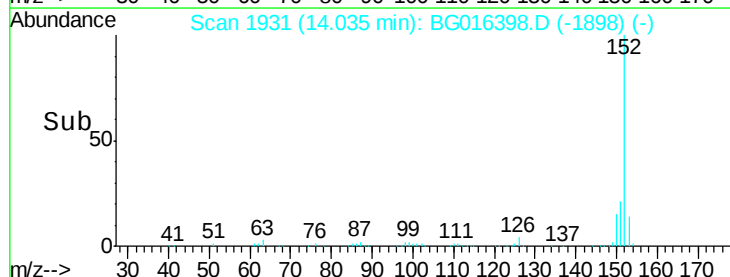
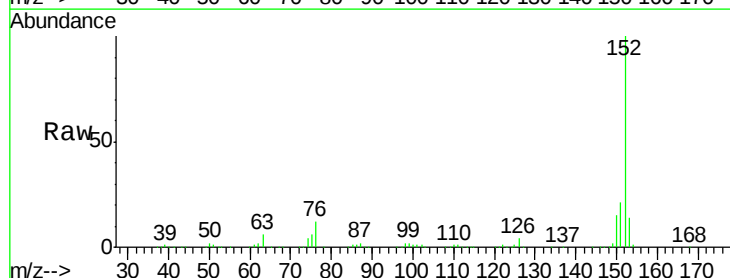
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion:	65	Resp:	130407
Ion	Ratio	Lower	Upper
65	100		
92	77.6	61.0	91.6
138	133.2	98.7	148.1



#48
 Acenaphthylene
 Concen: 41.34 ng
 RT: 14.03 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:	152	Resp:	703887
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7
153	13.6	11.1	16.7





#49

Dimethylphthalate

Concen: 42.96 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

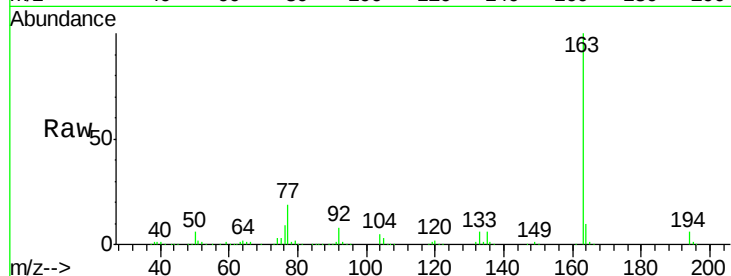
Tgt Ion:163 Resp: 515892

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

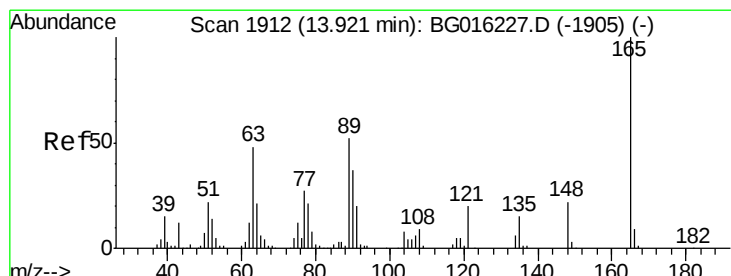
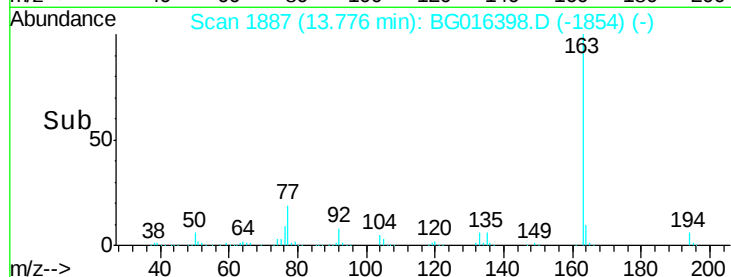
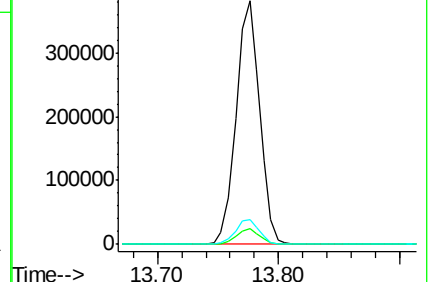
164 9.9 8.2 12.4



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: 43.97 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

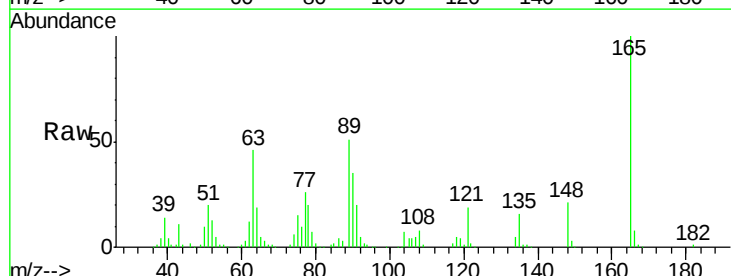
Tgt Ion:165 Resp: 127693

Ion Ratio Lower Upper

165 100

63 45.6 39.3 58.9

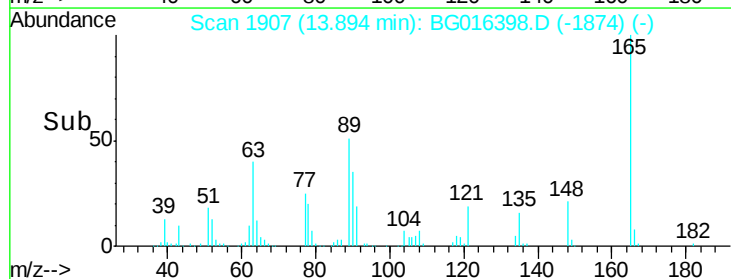
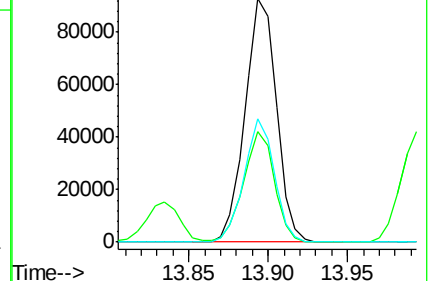
89 50.7 41.3 61.9



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: 41.91 ng

RT: 14.38 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

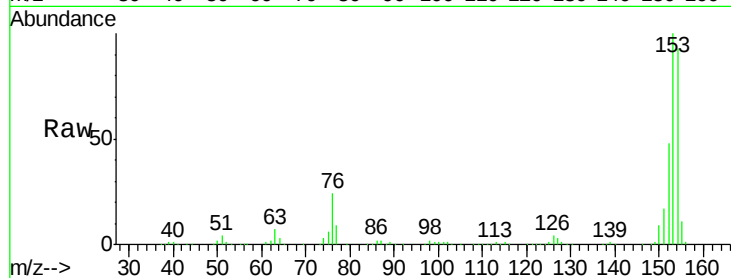
Tgt Ion:154 Resp: 426389

Ion Ratio Lower Upper

154 100

153 107.5 87.5 131.3

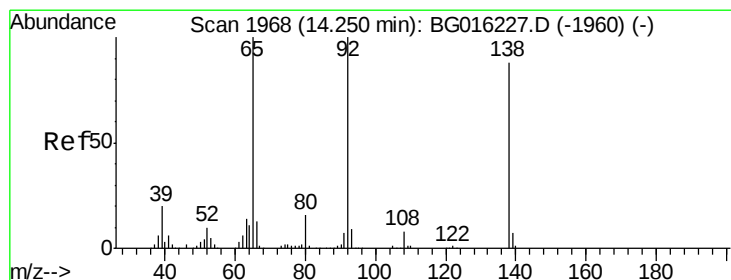
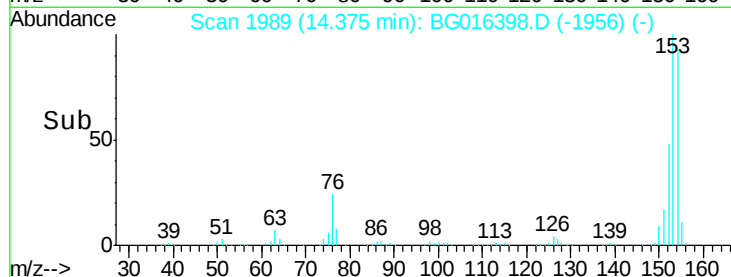
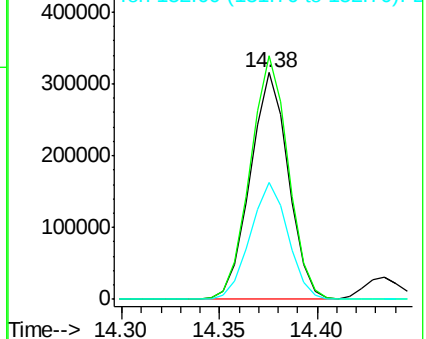
152 51.6 42.1 63.1



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: 23.08 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

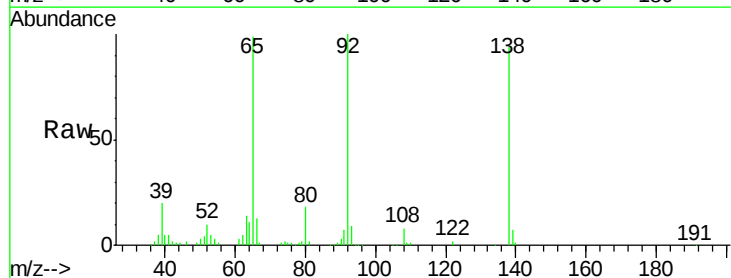
Tgt Ion:138 Resp: 85603

Ion Ratio Lower Upper

138 100

108 8.8 7.4 11.0

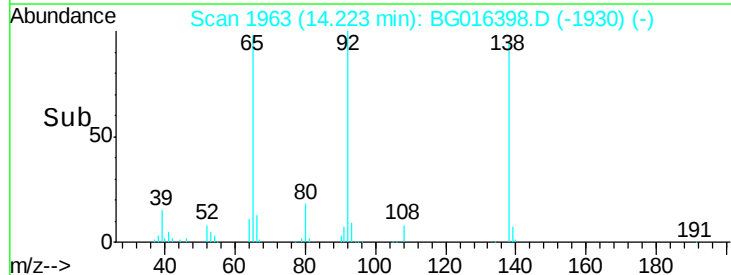
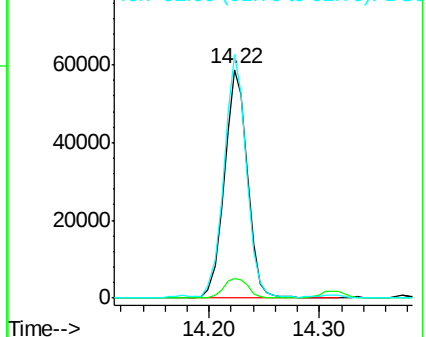
92 106.5 91.4 137.0



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): BGO

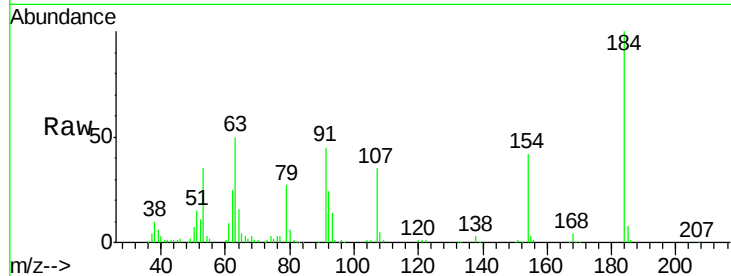




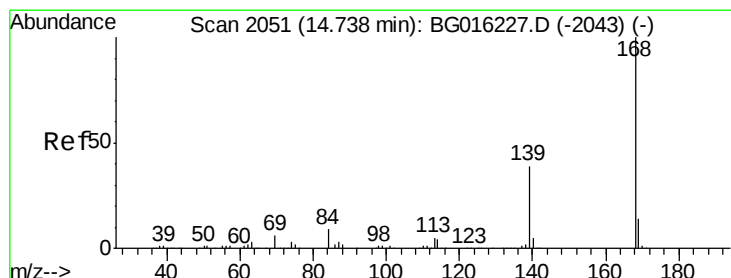
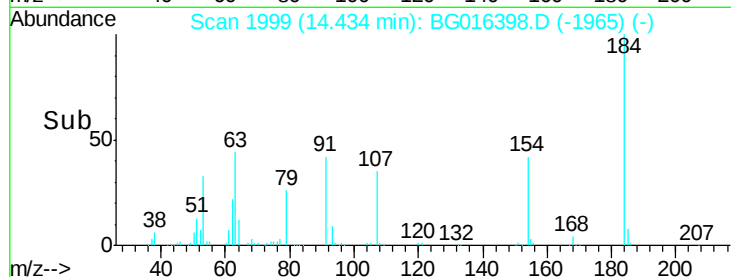
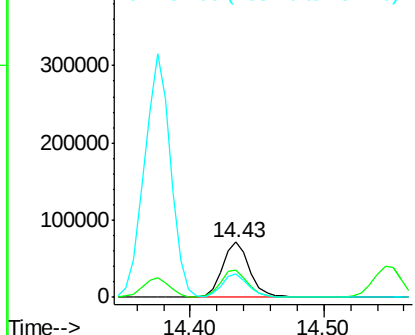
#53
 2,4-Dinitrophenol
 Concen: 63.77 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion:184 Resp: 104028
 Ion Ratio Lower Upper
 184 100
 63 50.1 45.8 68.6
 154 41.9 34.5 51.7

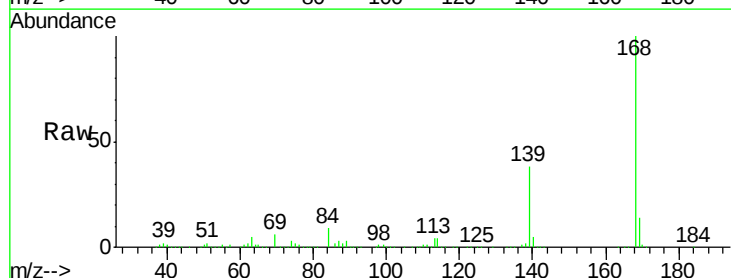


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

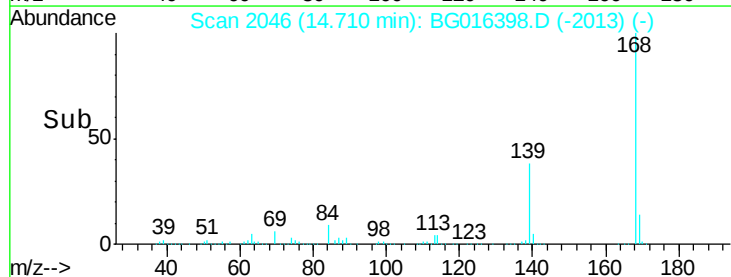
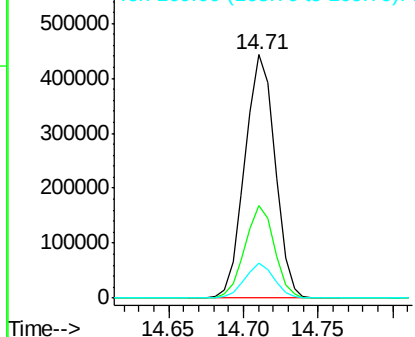


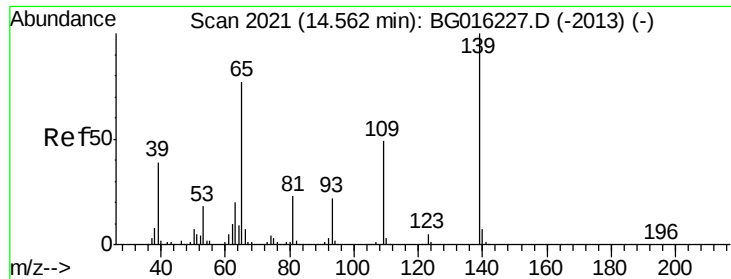
#54
 Dibenzofuran
 Concen: 43.97 ng
 RT: 14.71 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:168 Resp: 620745
 Ion Ratio Lower Upper
 168 100
 139 38.1 31.0 46.6
 169 14.3 11.2 16.8



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





#55

4-Nitrophenol

Concen: 96.50 ng

RT: 14.55 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

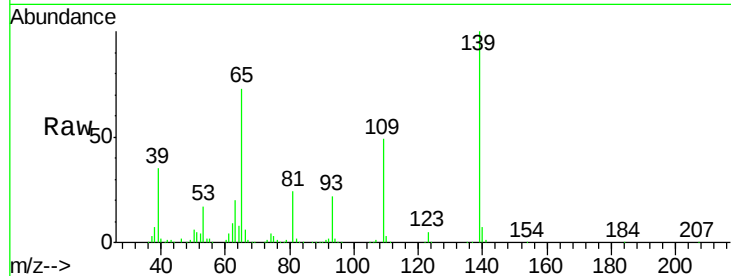
Tgt Ion:139 Resp: 295788

Ion Ratio Lower Upper

139 100

109 48.9 28.5 68.5

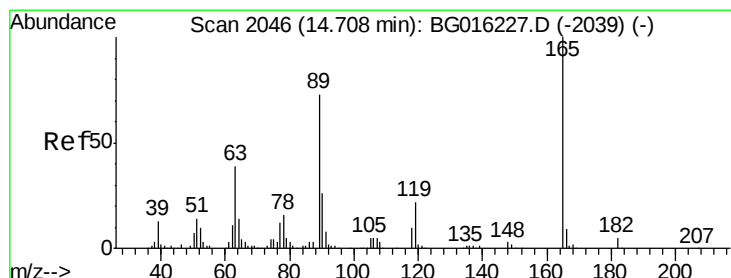
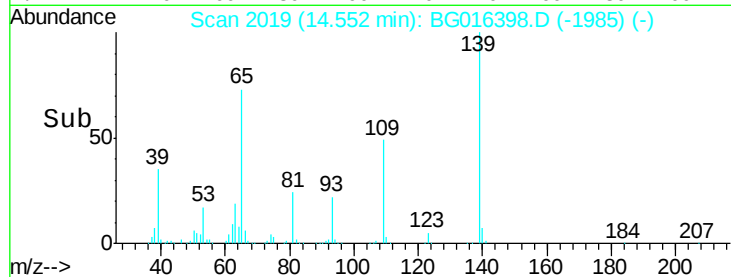
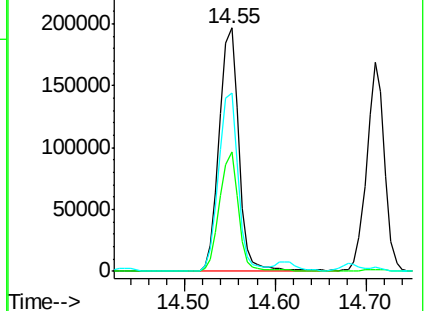
65 73.0 56.9 96.9



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: 46.74 ng

RT: 14.69 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Tgt Ion:165 Resp: 184897

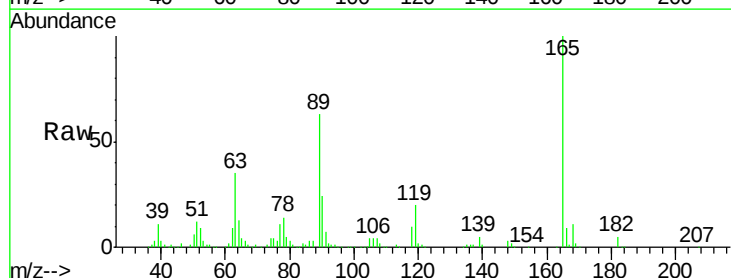
Ion Ratio Lower Upper

165 100

63 35.3 31.4 47.2

89 62.6 58.8 88.2

182 4.9 4.1 6.1

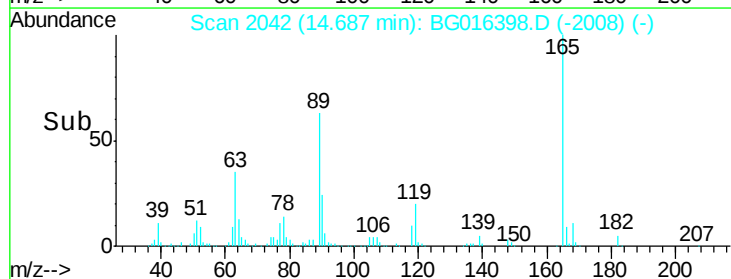
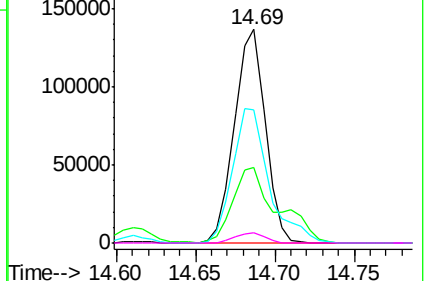


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.80 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

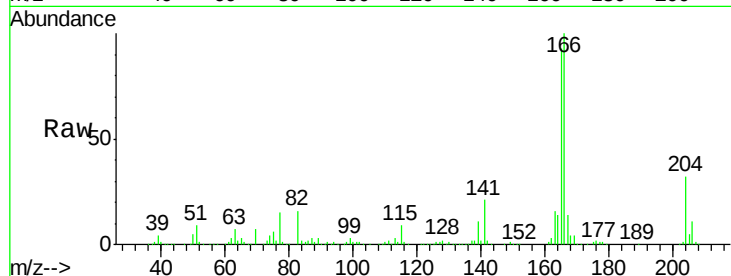
Tgt Ion:166 Resp: 545543

Ion Ratio Lower Upper

166 100

165 93.3 75.2 112.8

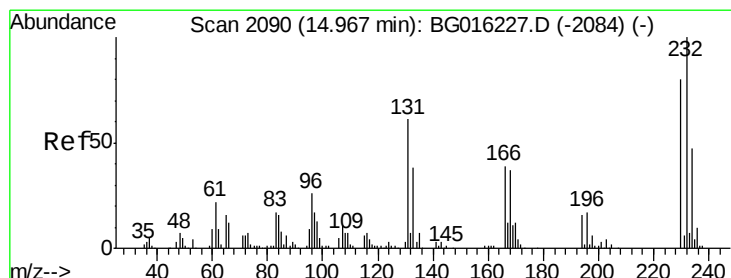
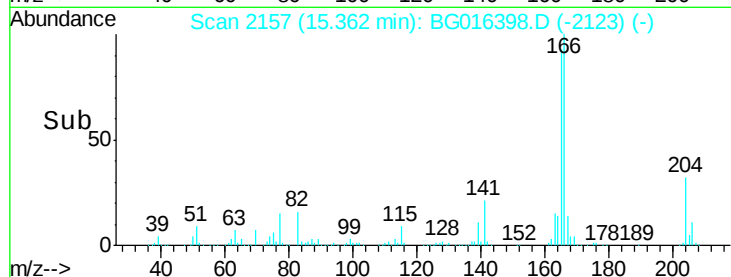
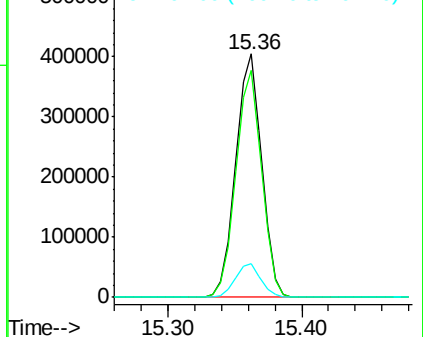
167 13.9 11.3 16.9



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: 48.81 ng

RT: 14.94 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Tgt Ion:232 Resp: 107884

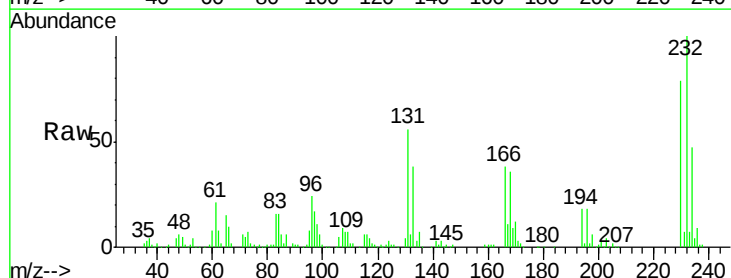
Ion Ratio Lower Upper

232 100

131 55.9 49.8 74.6

130 3.1 2.6 3.8

166 35.9 30.6 45.8

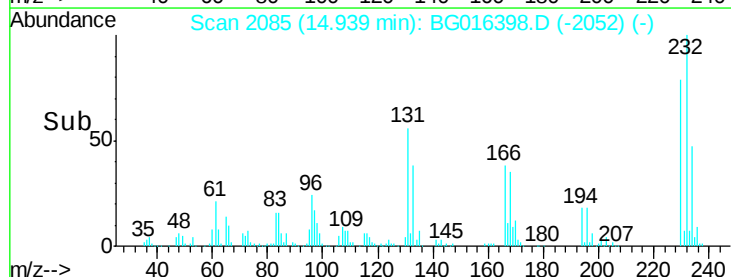
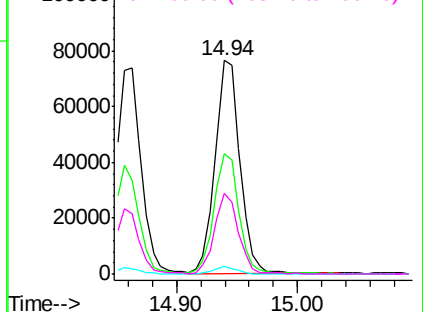


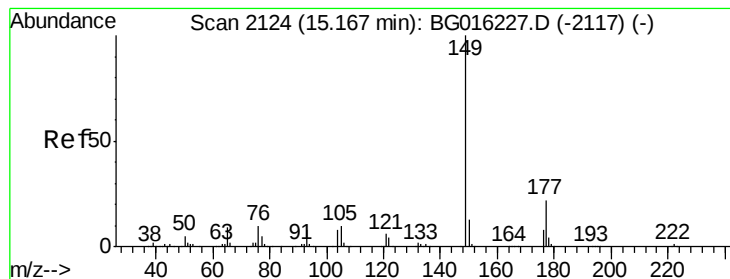
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.59 ng

RT: 15.14 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

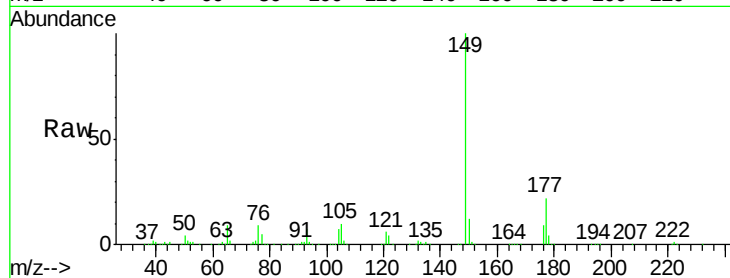
Tgt Ion:149 Resp: 557199

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

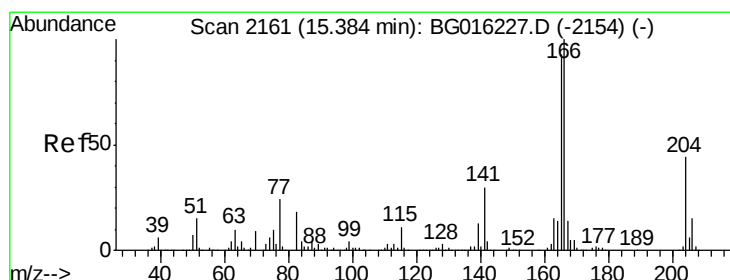
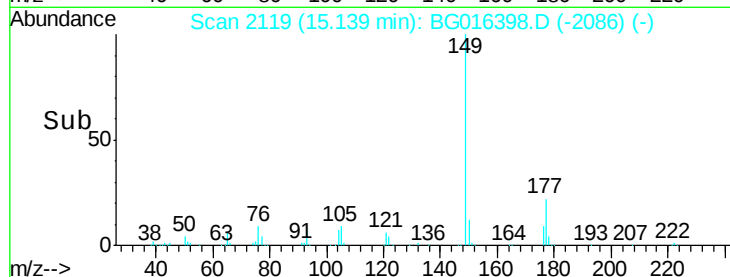
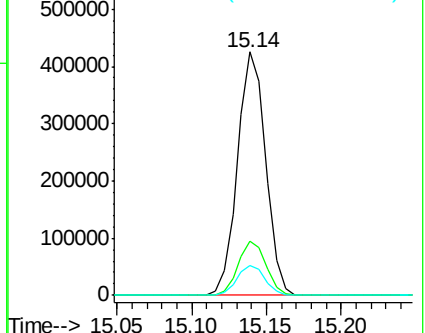
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.59 ng

RT: 15.36 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

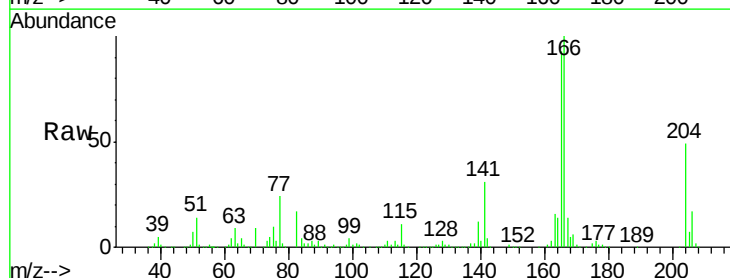
Tgt Ion:204 Resp: 227165

Ion Ratio Lower Upper

204 100

206 34.1 27.6 41.4

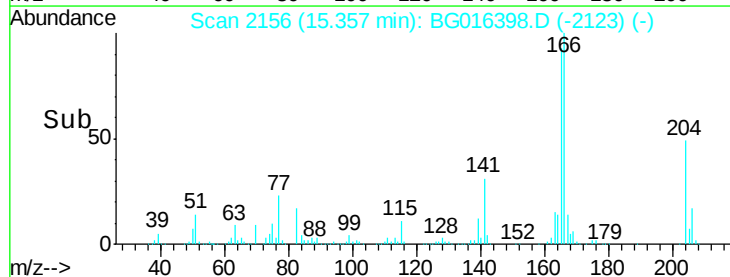
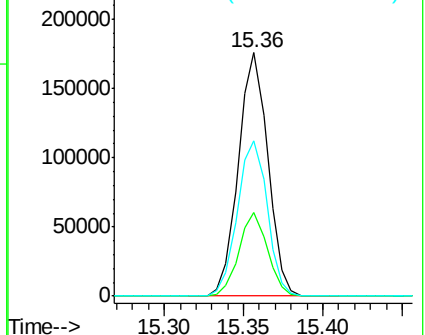
141 63.7 55.4 83.2

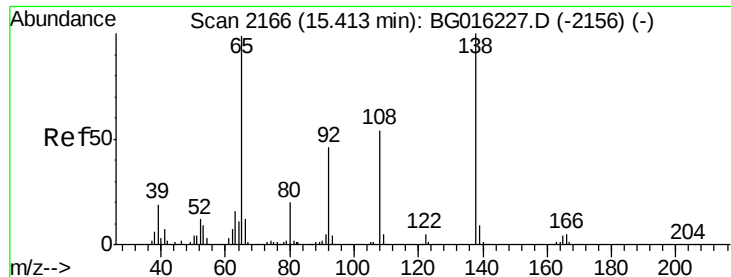


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

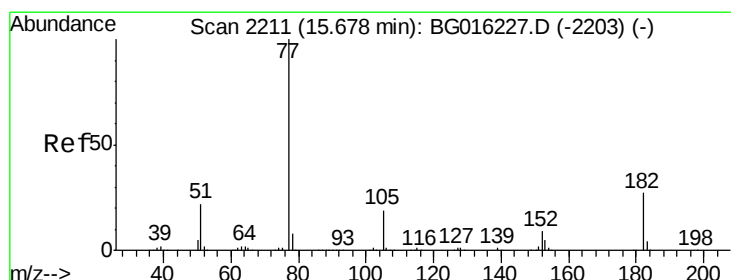
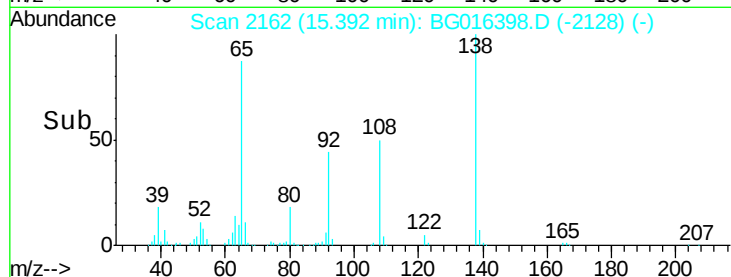
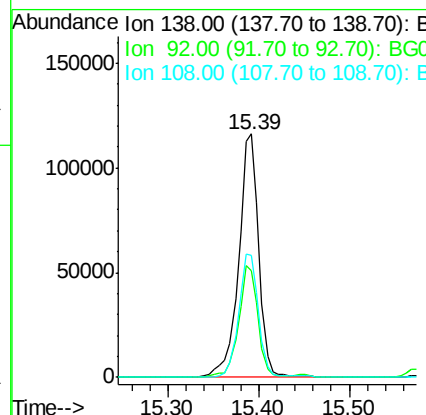
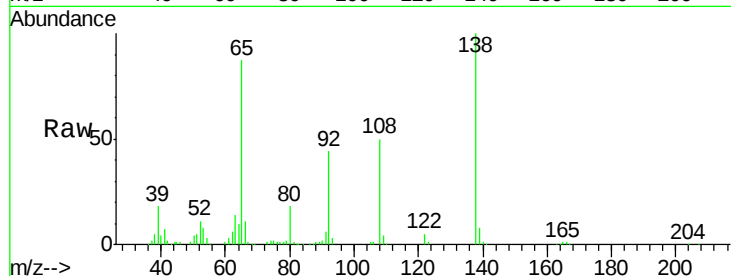




#61
4-Nitroaniline
Concen: 42.77 ng
RT: 15.39 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

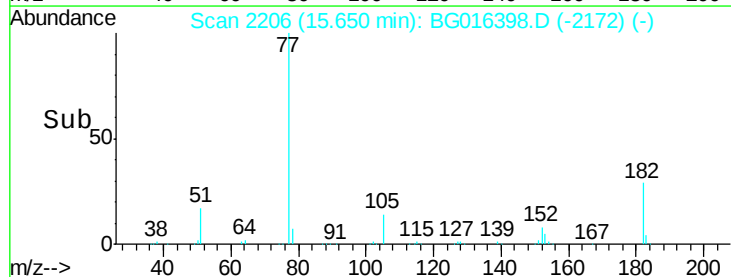
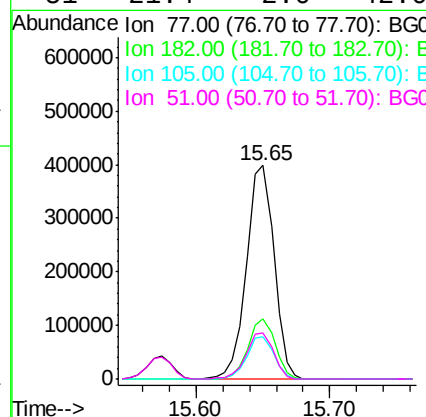
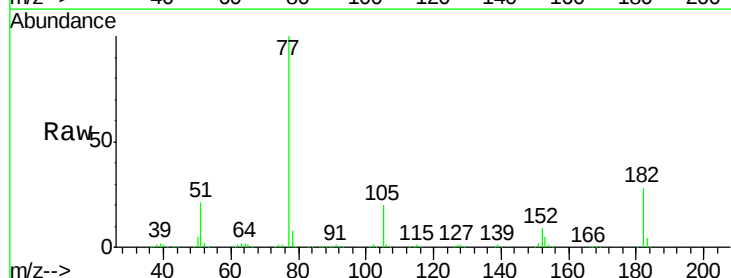
Instrument :
BNA_G
ClientSampleId :
PB82704BSD

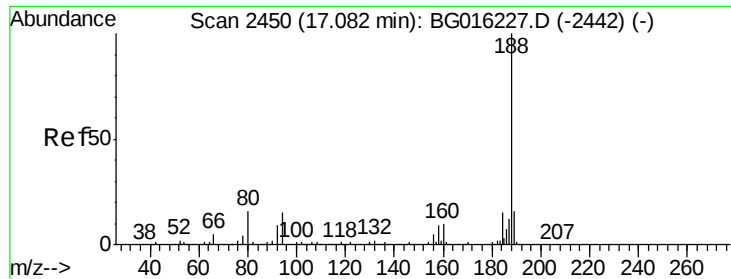
Tgt Ion:138 Resp: 180067
Ion Ratio Lower Upper
138 100
92 43.6 26.3 66.3
108 49.9 33.6 73.6



#62
Azobenzene
Concen: 41.70 ng
RT: 15.65 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion: 77 Resp: 567346
Ion Ratio Lower Upper
77 100
182 28.3 6.6 46.6
105 19.6 0.0 39.2
51 21.4 2.0 42.0

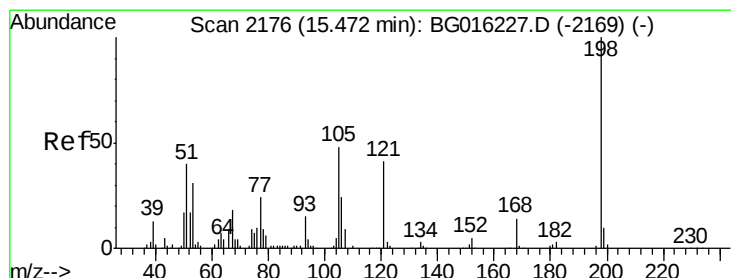
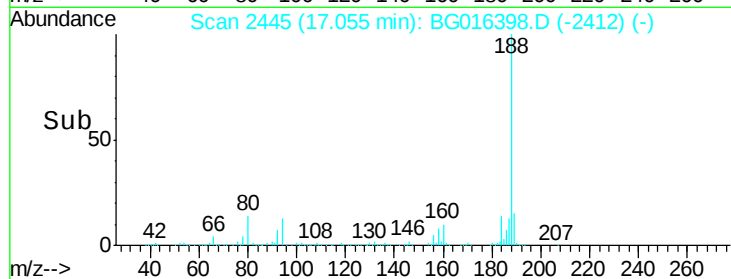
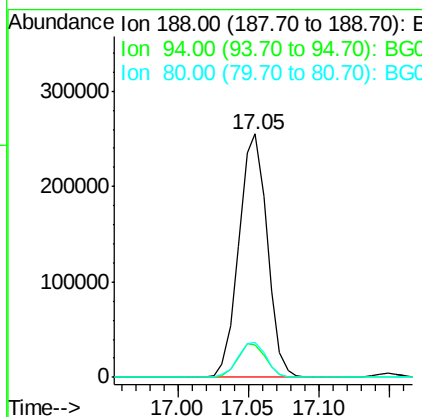
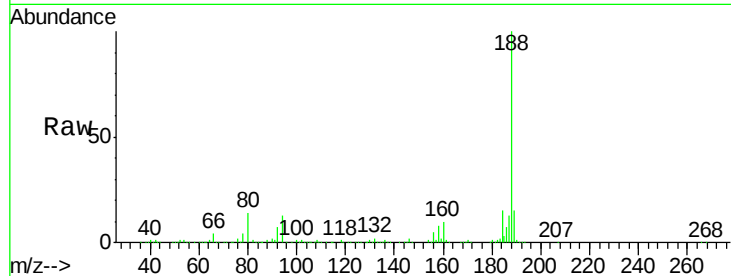




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

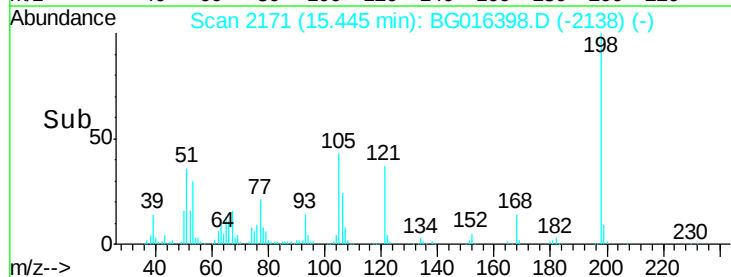
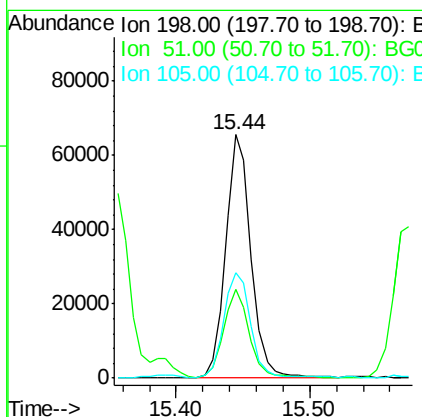
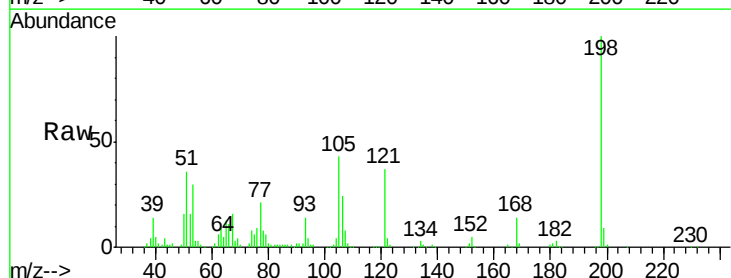
Instrument :
BNA_G
ClientSampleId :
PB82704BSD

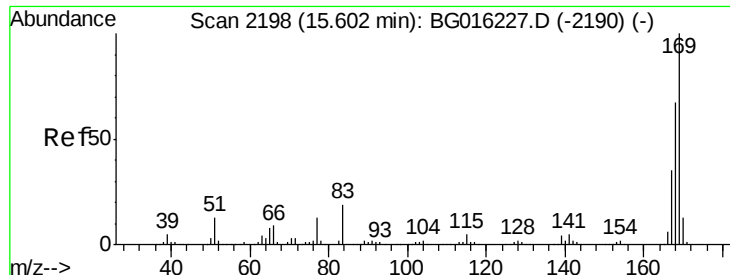
Tgt Ion:188 Resp: 357806
Ion Ratio Lower Upper
188 100
94 13.3 12.2 18.4
80 14.3 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 35.69 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:198 Resp: 87140
Ion Ratio Lower Upper
198 100
51 36.3 20.7 60.7
105 43.4 28.8 68.8

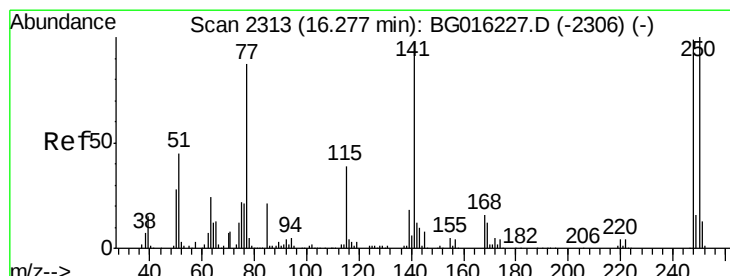
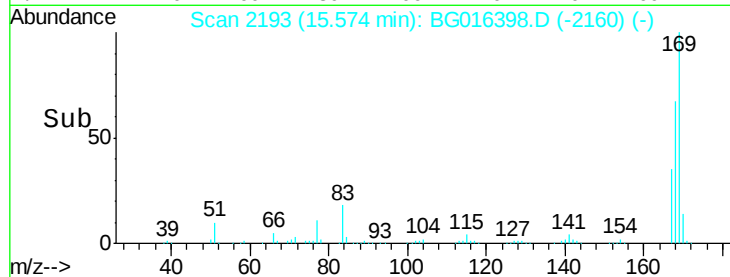
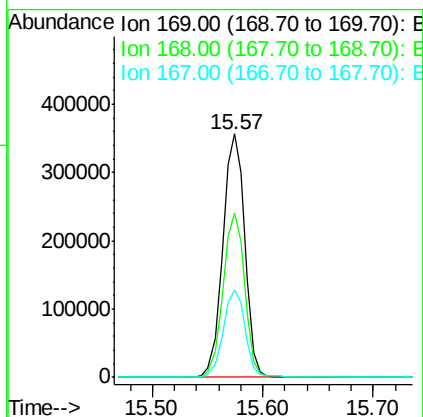
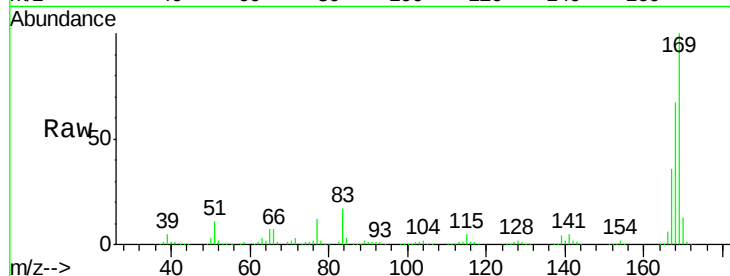




#65
 n-Nitrosodiphenylamine
 Concen: 40.88 ng
 RT: 15.57 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

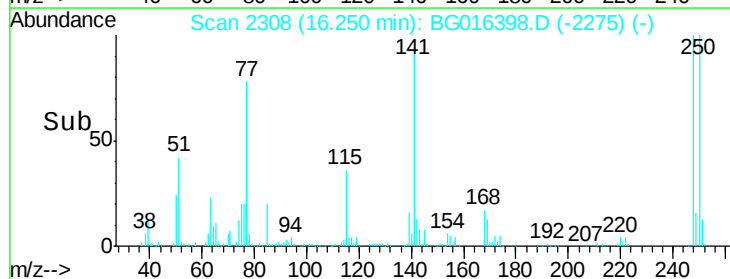
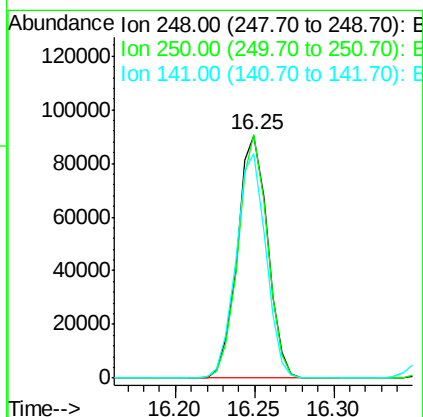
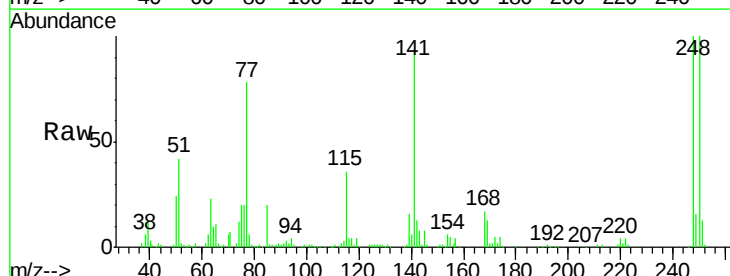
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion:169 Resp: 494432
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 35.9 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 41.85 ng
 RT: 16.25 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:248 Resp: 119563
 Ion Ratio Lower Upper
 248 100
 250 100.2 80.5 120.7
 141 92.6 78.2 117.4

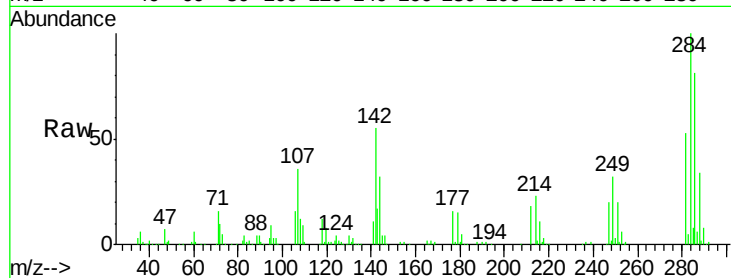




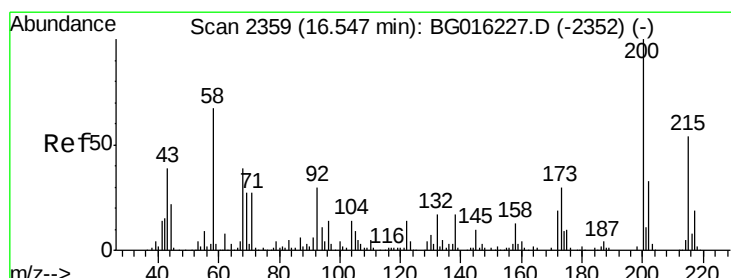
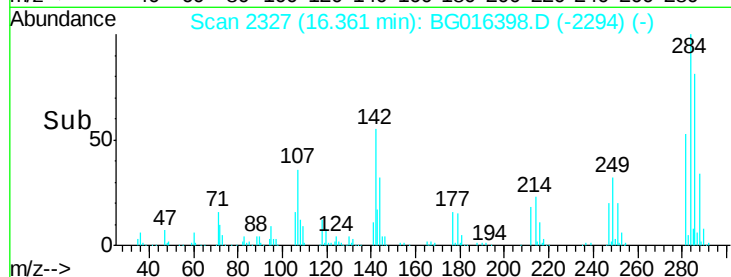
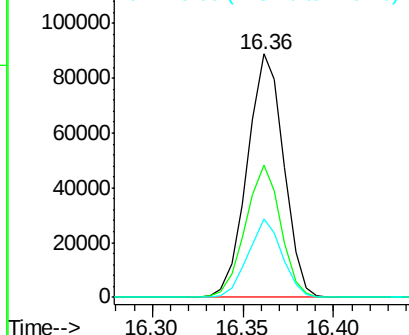
#67
Hexachlorobenzene
Concen: 41.69 ng
RT: 16.36 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Instrument :
BNA_G
ClientSampleId :
PB82704BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	54.6	44.2	66.2
249	32.0	24.8	37.2

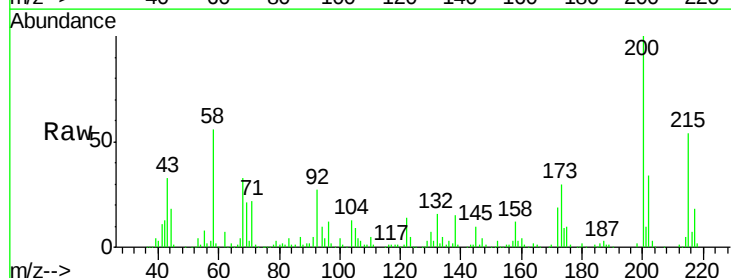


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

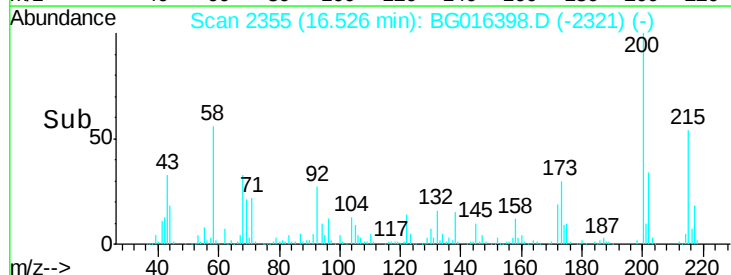
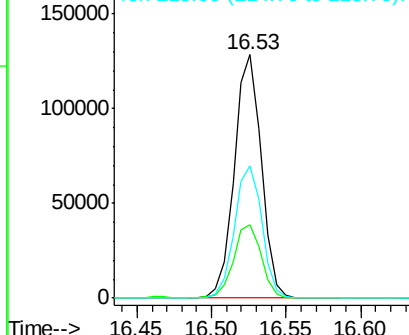


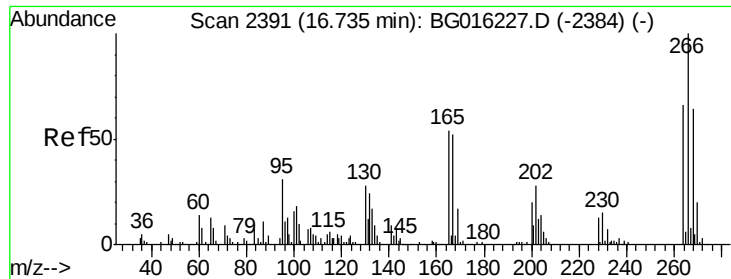
#68
Atrazine
Concen: 48.12 ng
RT: 16.53 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	10.2	50.2
215	54.4	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: 88.53 ng

RT: 16.71 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

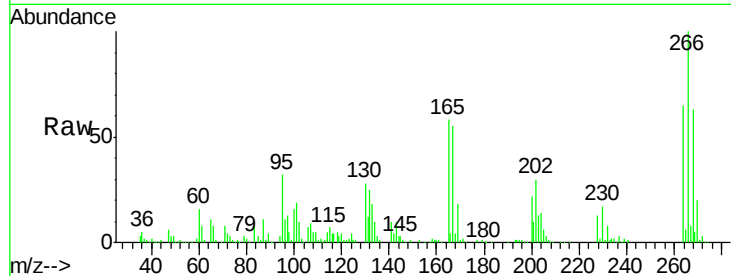
Tgt Ion:266 Resp: 160511

Ion Ratio Lower Upper

266 100

268 62.6 50.9 76.3

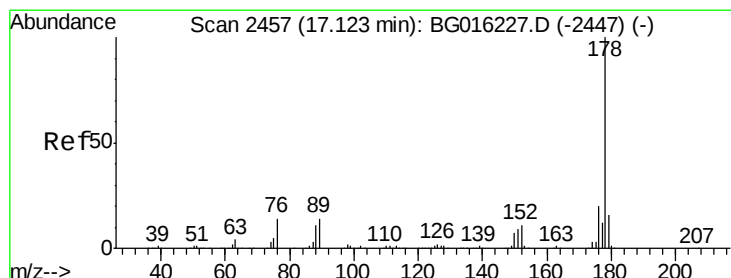
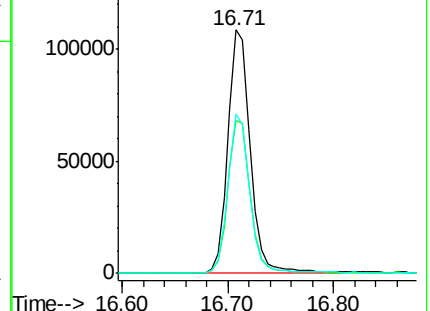
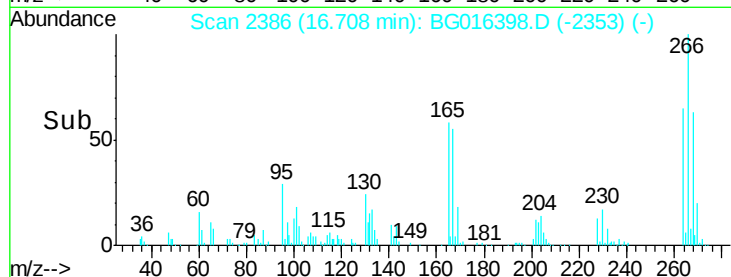
264 65.2 52.8 79.2



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: 42.35 ng

RT: 17.10 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

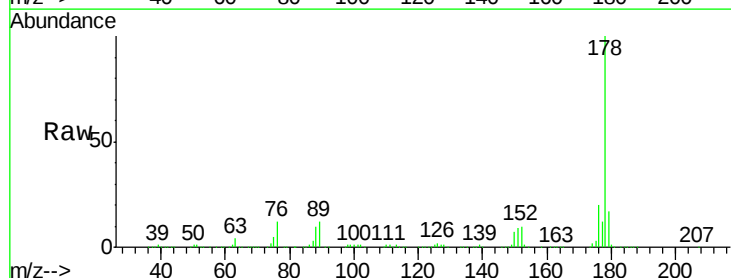
Tgt Ion:178 Resp: 852277

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

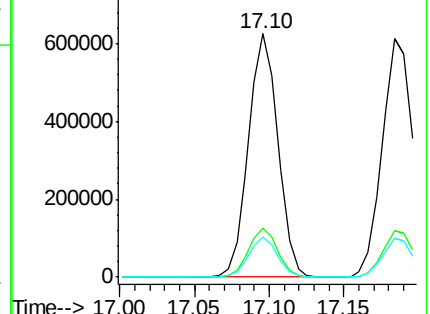
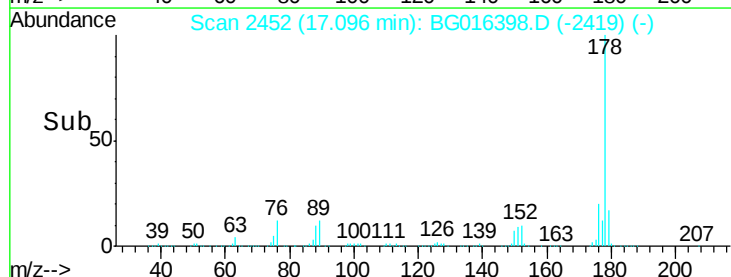
179 16.5 12.7 19.1

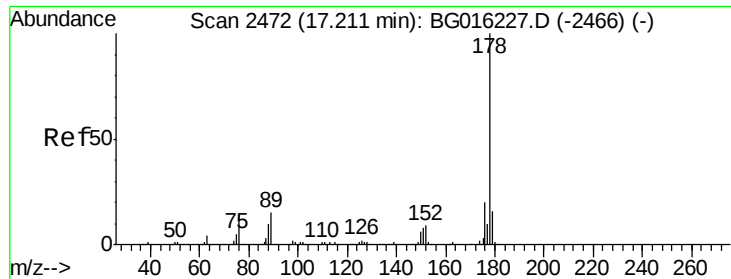


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

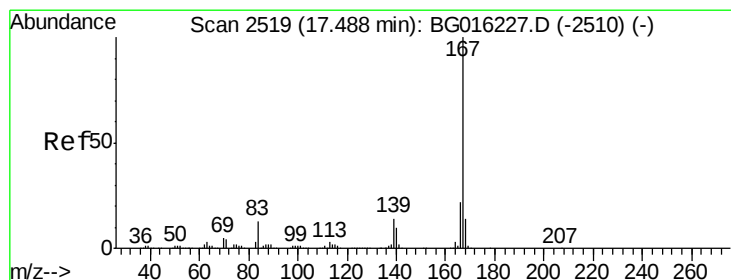
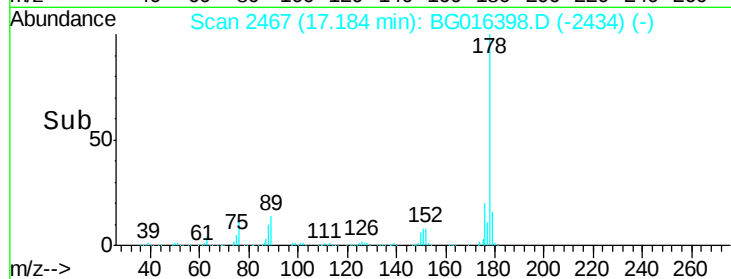
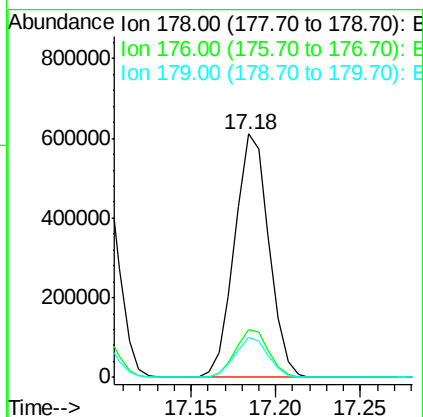
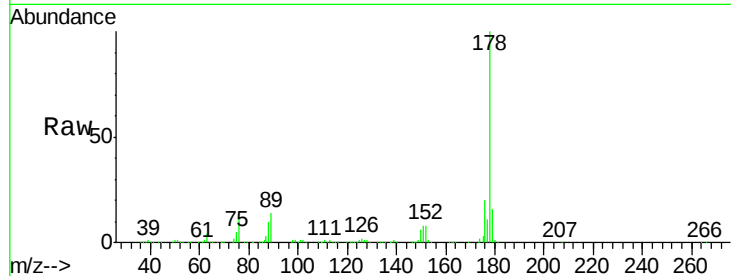




#71
 Anthracene
 Concen: 43.29 ng
 RT: 17.18 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

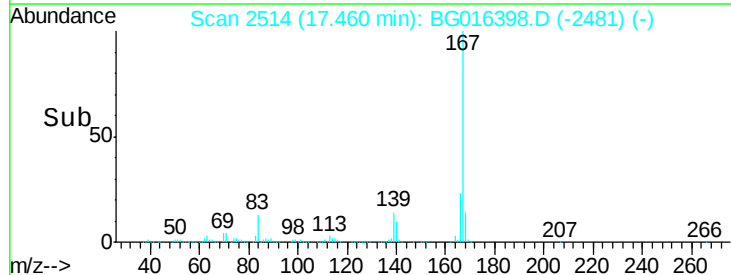
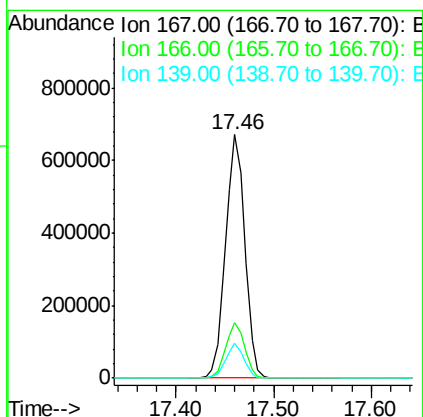
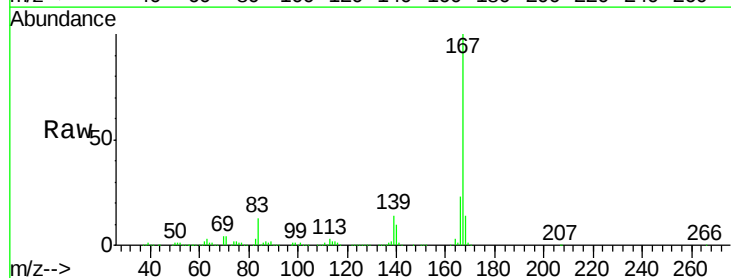
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion:178 Resp: 863394
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.5 13.0 19.6



#72
 Carbazole
 Concen: 46.10 ng
 RT: 17.46 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:167 Resp: 922752
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.9 26.9
 139 14.1 11.5 17.3

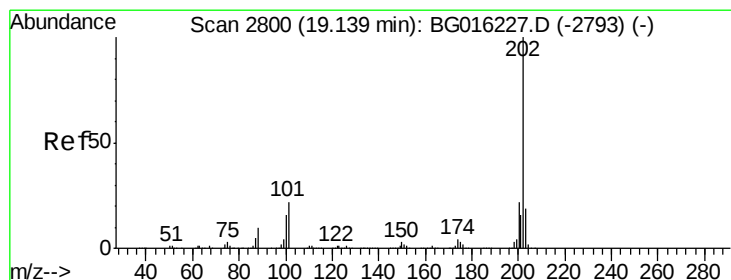
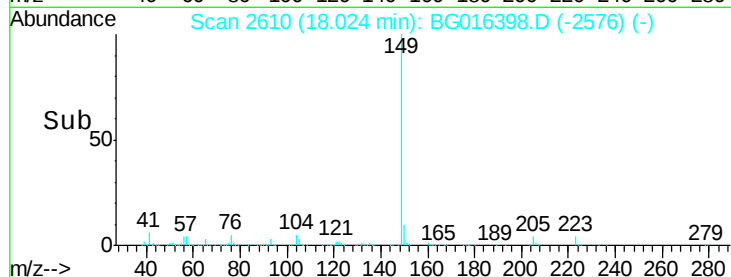
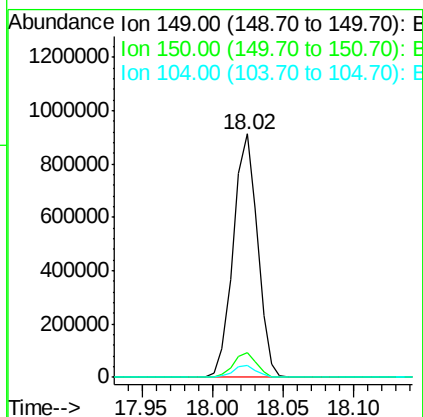
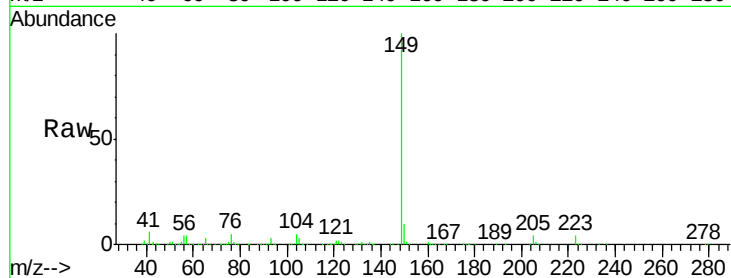




#73
Di-n-butylphthalate
Concen: 44.74 ng
RT: 18.02 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

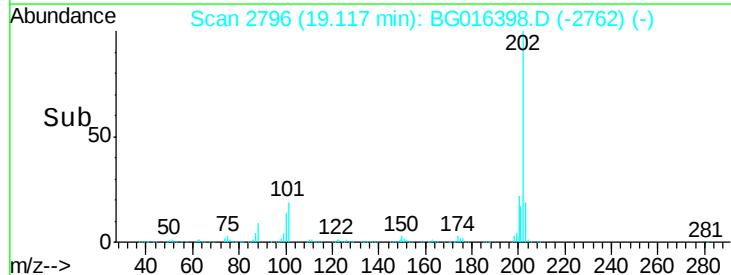
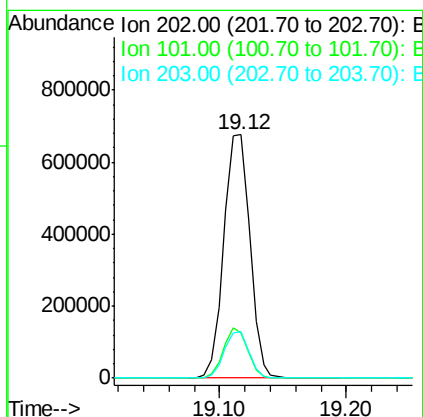
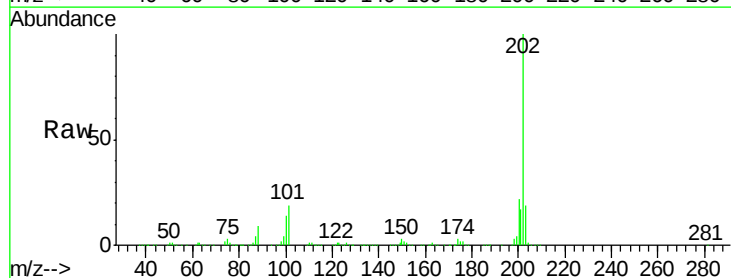
Instrument :
BNA_G
ClientSampleId :
PB82704BSD

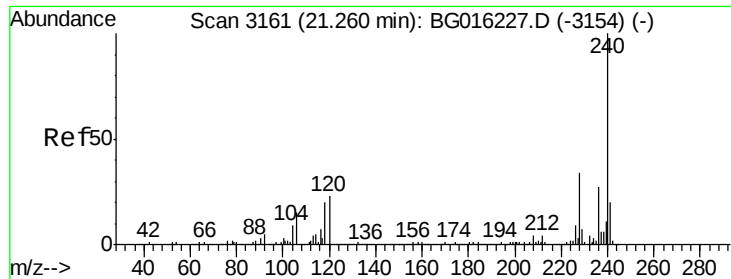
Tgt Ion:149 Resp: 1095776
Ion Ratio Lower Upper
149 100
150 10.3 8.2 12.4
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 46.28 ng
RT: 19.12 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG016398.D
Acq: 14 Apr 2015 16:10

Tgt Ion:202 Resp: 960064
Ion Ratio Lower Upper
202 100
101 18.5 1.7 41.7
203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

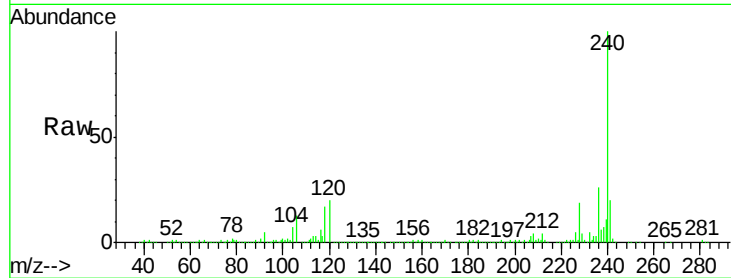
Tgt Ion:240 Resp: 338103

Ion Ratio Lower Upper

240 100

120 19.9 18.6 28.0

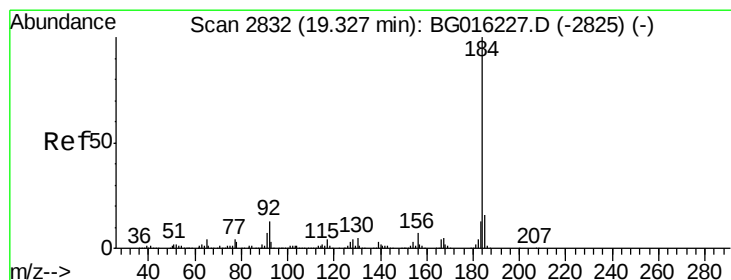
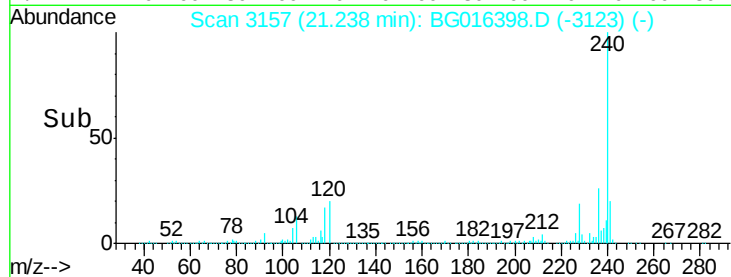
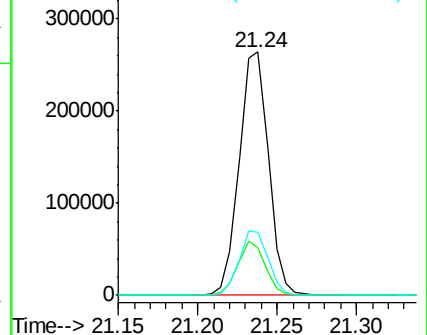
236 25.9 21.7 32.5



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: 19.96 ng

RT: 19.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

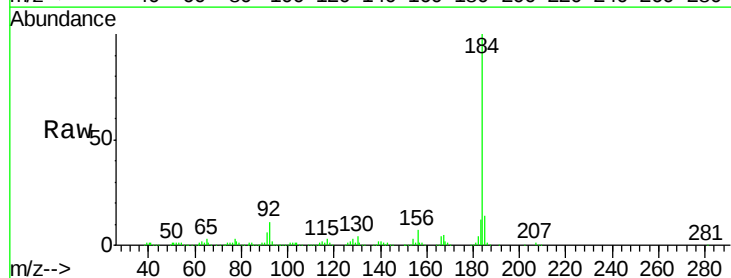
Tgt Ion:184 Resp: 286190

Ion Ratio Lower Upper

184 100

185 13.8 12.6 19.0

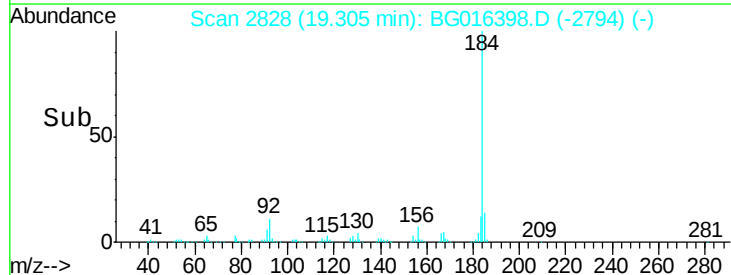
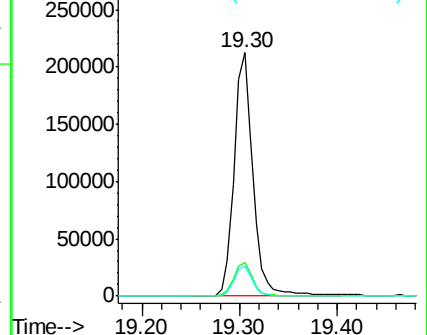
183 12.2 10.4 15.6

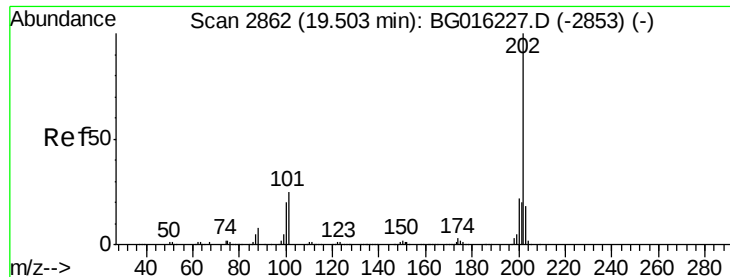


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.63 ng

RT: 19.48 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

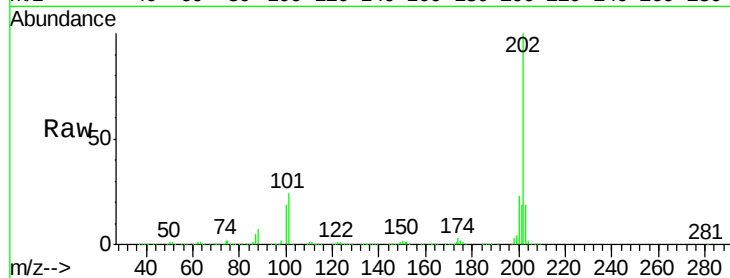
Tgt Ion:202 Resp: 1003731

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

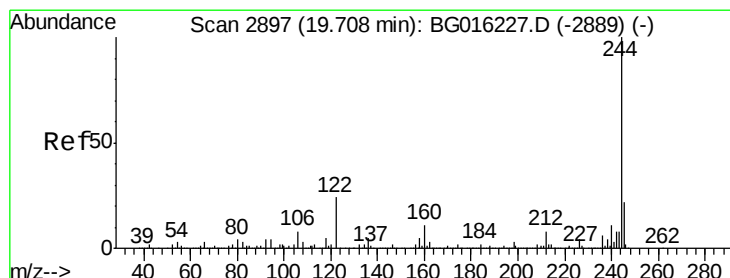
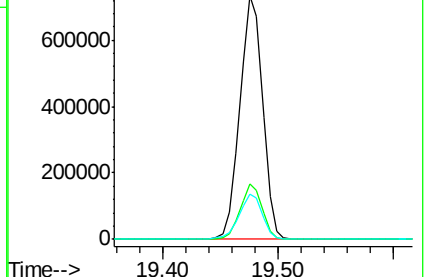
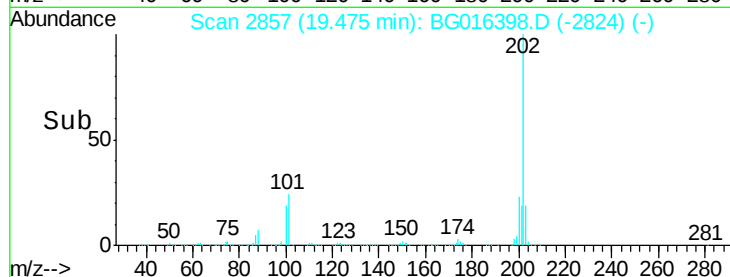
203 18.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.27 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

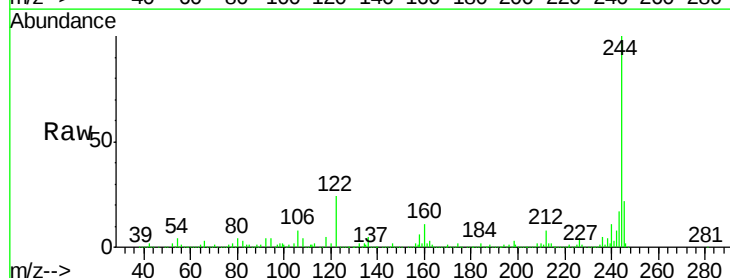
Tgt Ion:244 Resp: 1159601

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

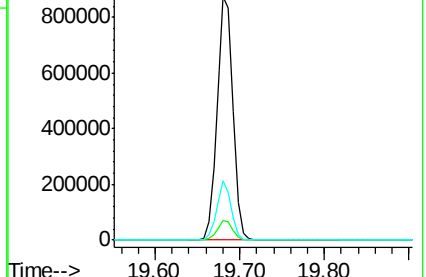
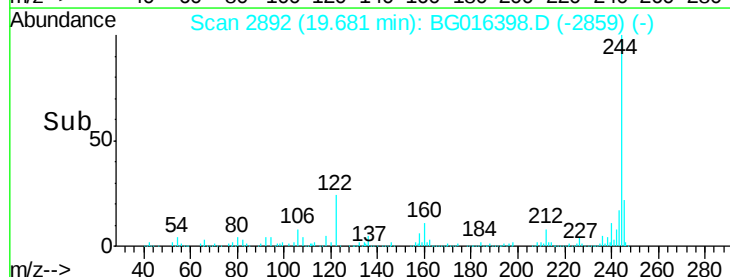
122 24.3 19.1 28.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.73 ng

RT: 20.38 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

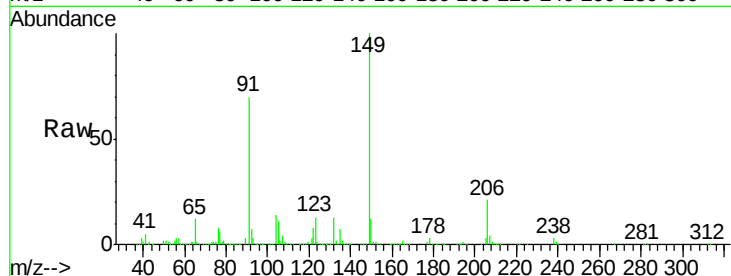
Tgt Ion:149 Resp: 529002

Ion Ratio Lower Upper

149 100

91 69.5 59.4 89.2

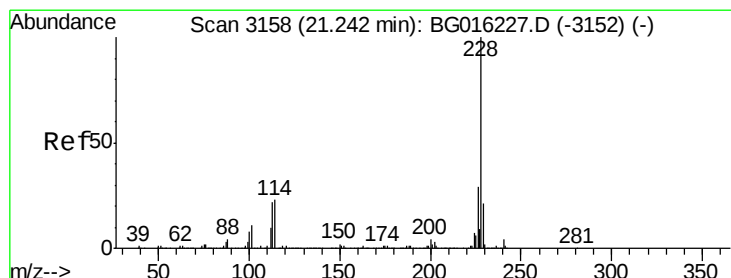
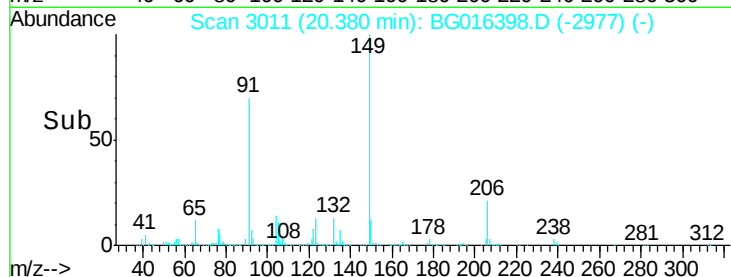
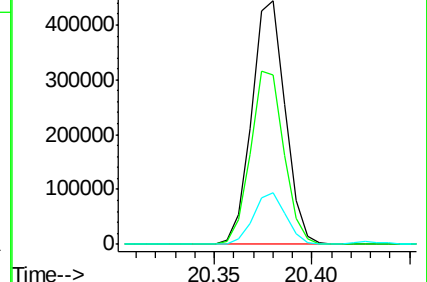
206 21.5 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.23 ng

RT: 21.22 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

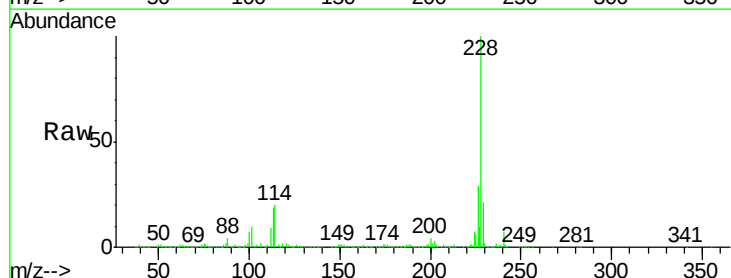
Tgt Ion:228 Resp: 843897

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

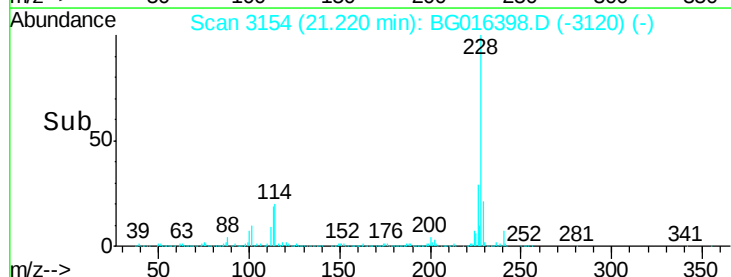
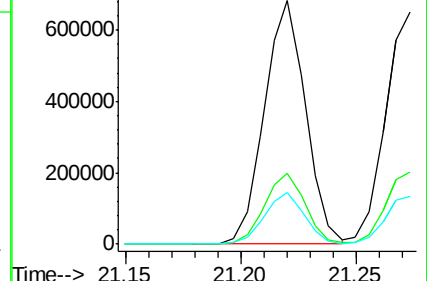
229 21.0 16.8 25.2

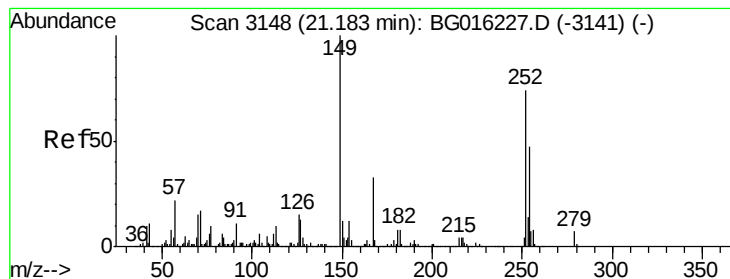


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 24.81 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

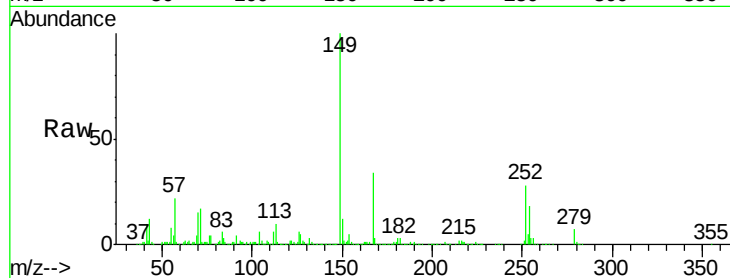
Tgt Ion:252 Resp: 163044

Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

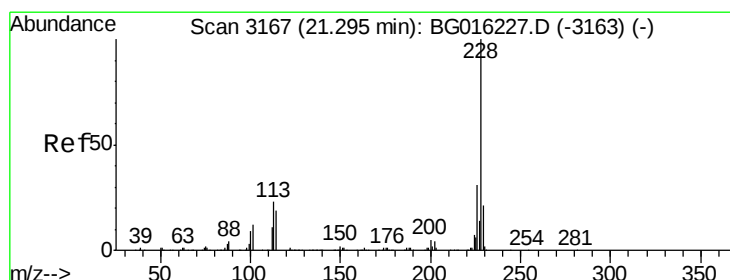
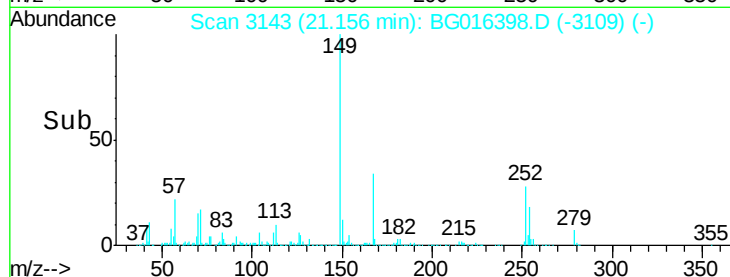
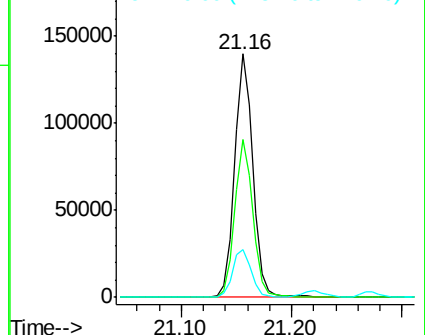
126 19.7 16.0 24.0



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: 41.97 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

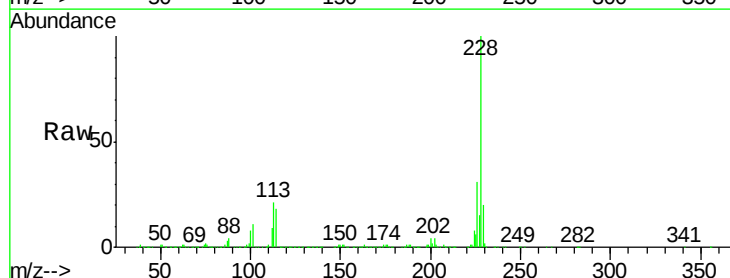
Tgt Ion:228 Resp: 809659

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

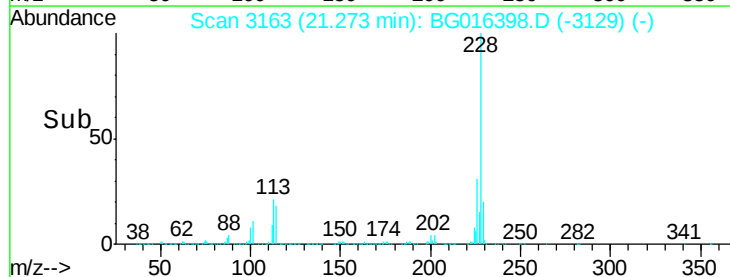
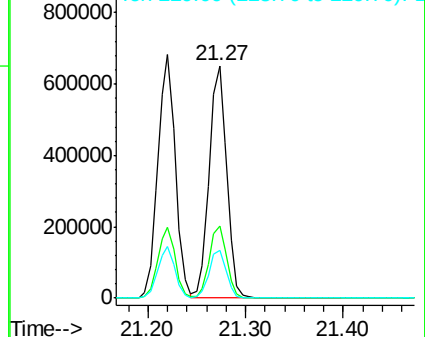
229 20.5 17.0 25.4

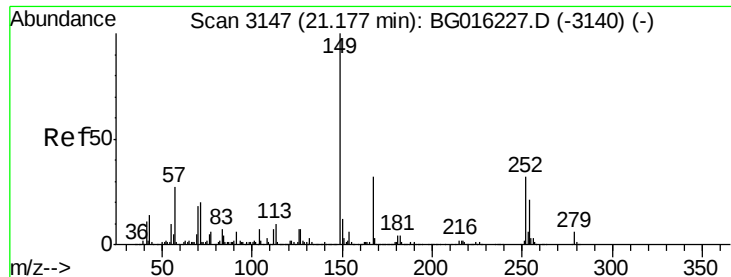


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

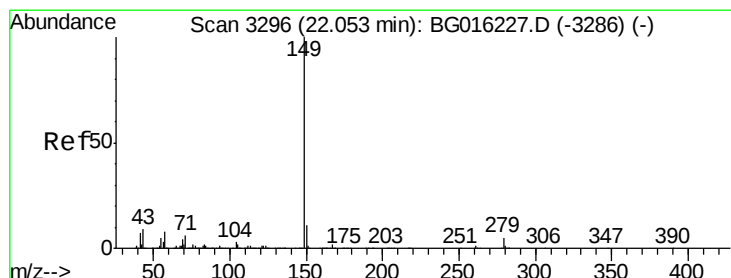
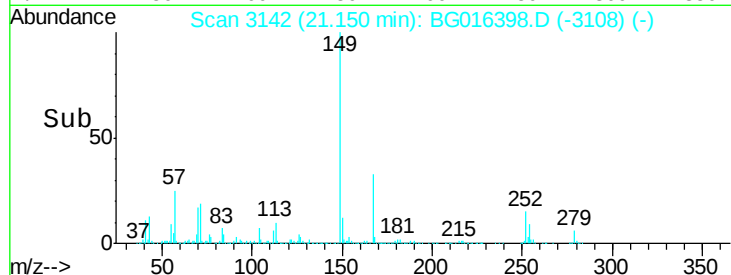
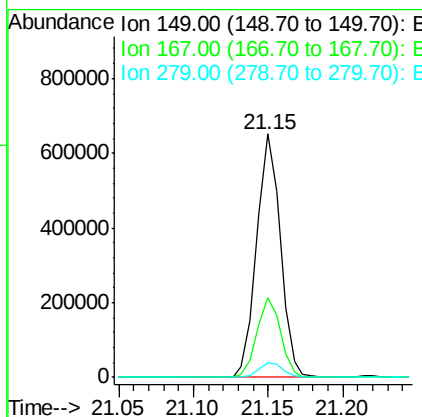
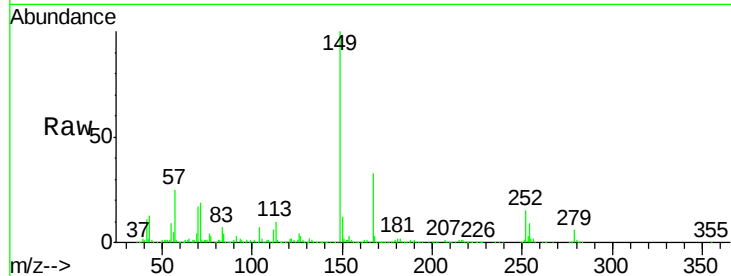




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.31 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

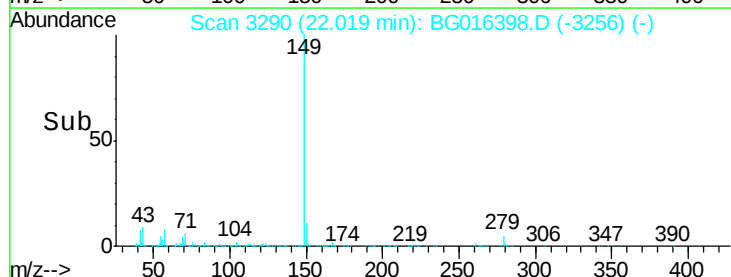
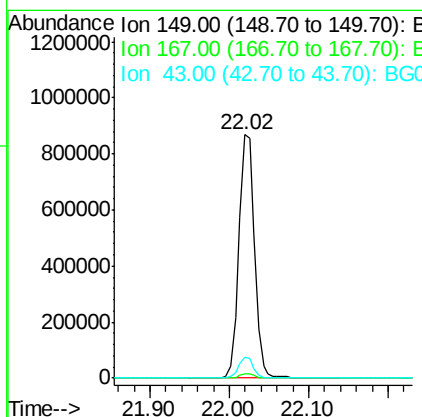
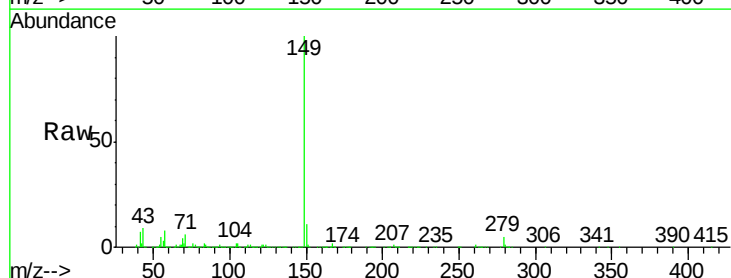
Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

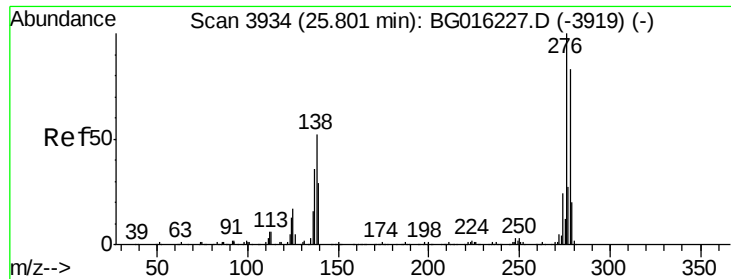
Tgt Ion:149 Resp: 709467
 Ion Ratio Lower Upper
 149 100
 167 33.0 25.8 38.6
 279 5.7 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 46.35 ng
 RT: 22.02 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion:149 Resp: 1182385
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 7.9 7.0 10.4

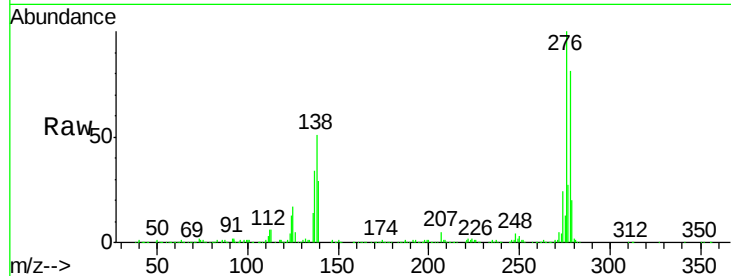




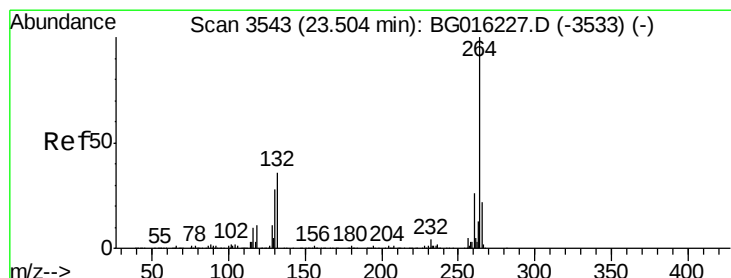
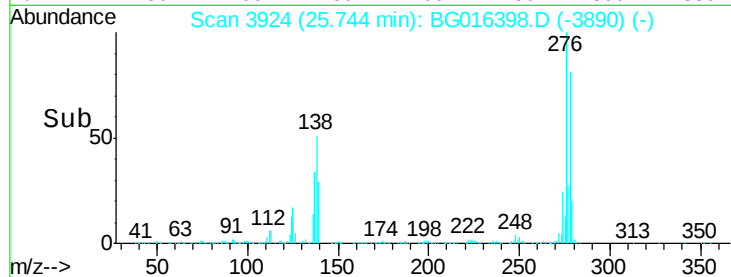
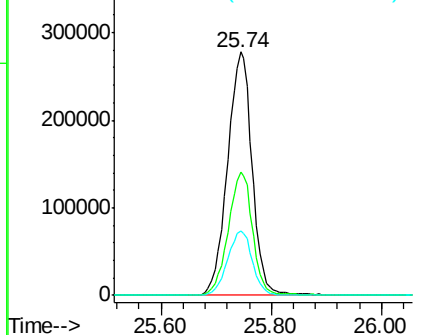
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.17 ng
 RT: 25.74 min Scan# 3924
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82704BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.2	41.5	62.3
277	26.7	21.0	31.6

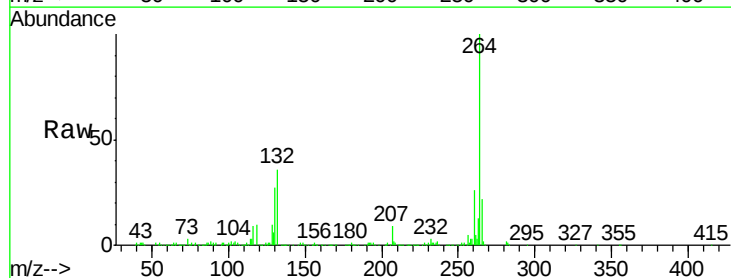


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

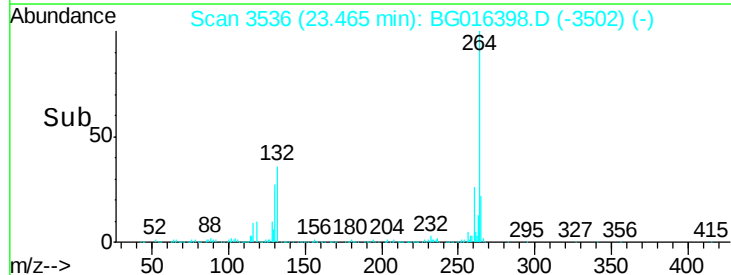
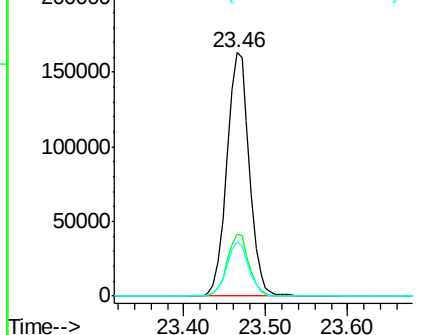


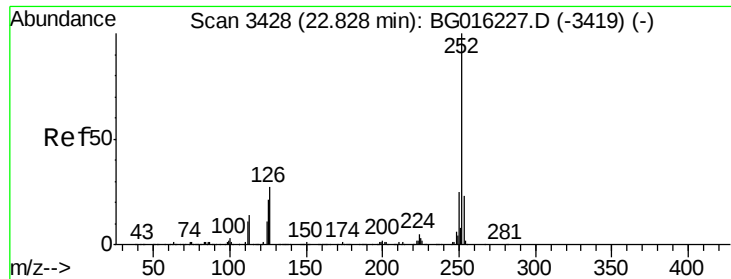
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3536
 Delta R.T. -0.00 min
 Lab File: BG016398.D
 Acq: 14 Apr 2015 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	22.4	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: 44.61 ng

RT: 22.79 min Scan# 3422

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

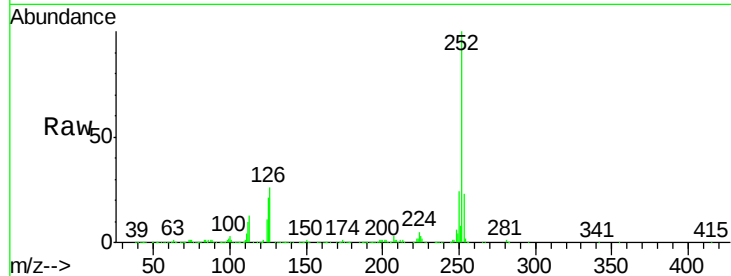
Tgt Ion:252 Resp: 815163

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

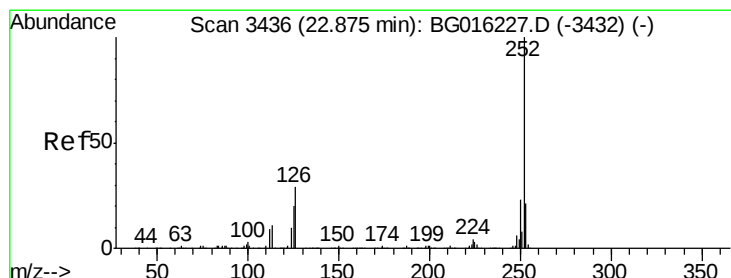
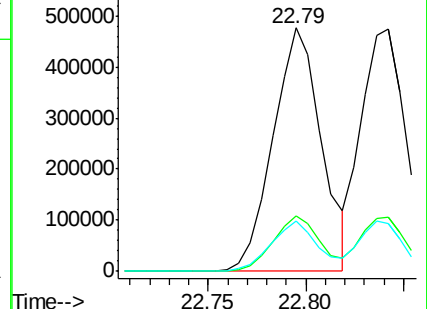
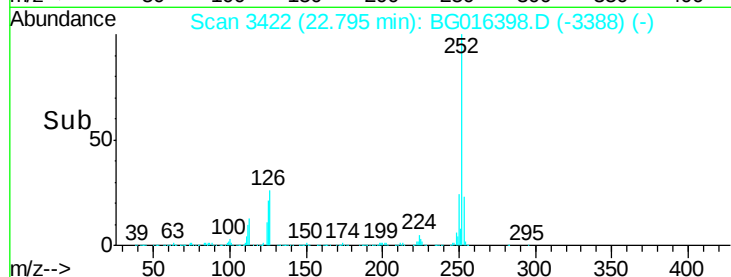
125 20.7 17.0 25.6



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: 42.50 ng

RT: 22.84 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

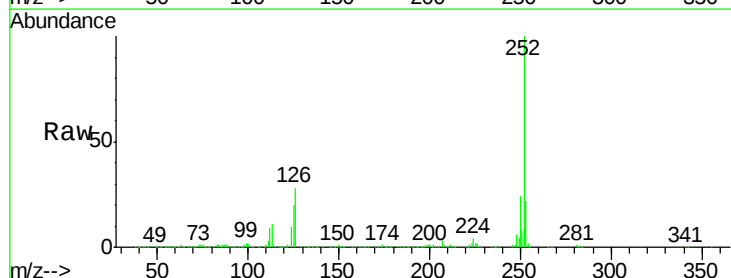
Tgt Ion:252 Resp: 759866

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

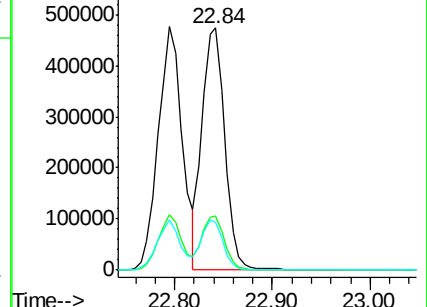
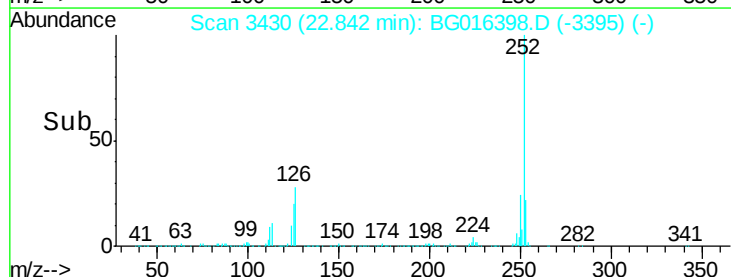
125 19.7 16.3 24.5

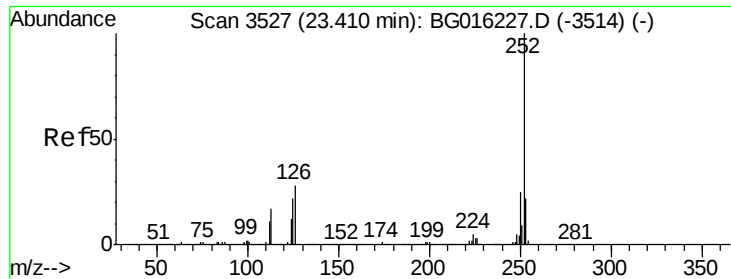


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.11 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

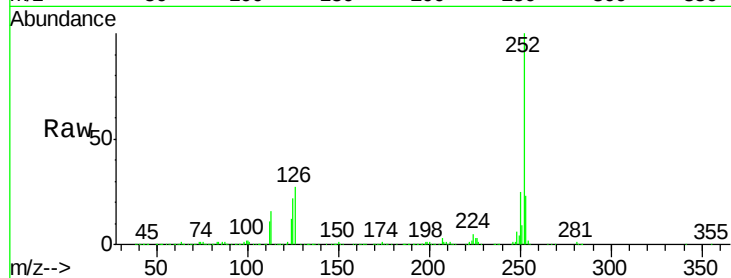
Tgt Ion:252 Resp: 772503

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

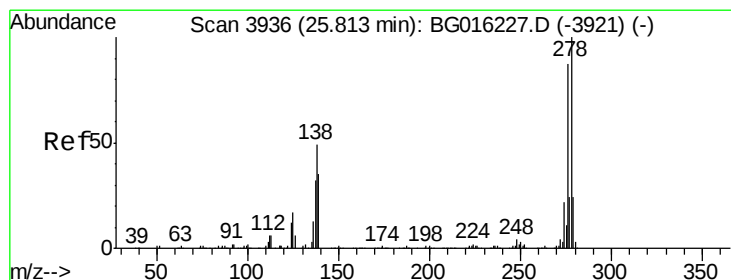
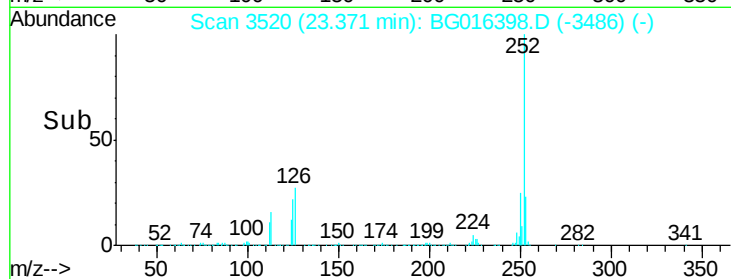
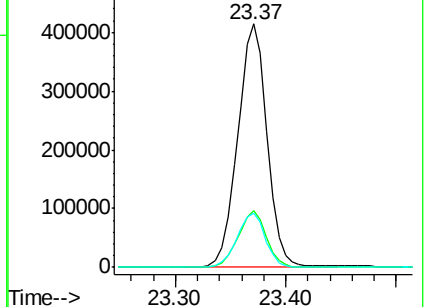
125 22.0 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.21 ng

RT: 25.76 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

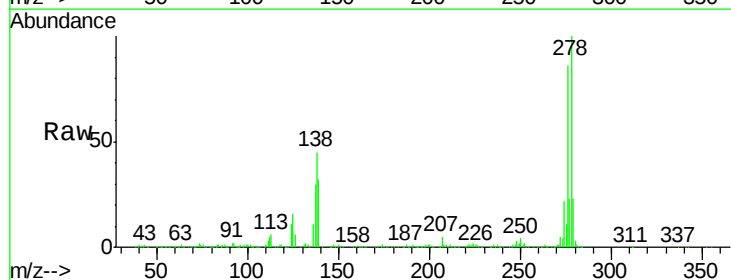
Tgt Ion:278 Resp: 720092

Ion Ratio Lower Upper

278 100

139 32.1 27.9 41.9

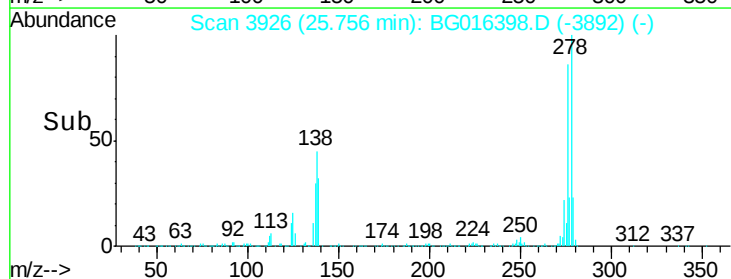
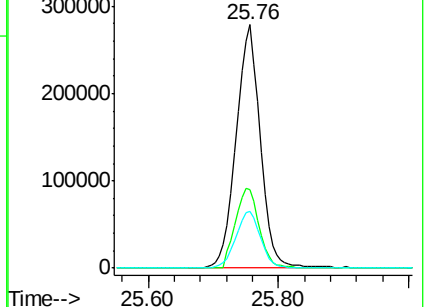
279 23.5 19.5 29.3

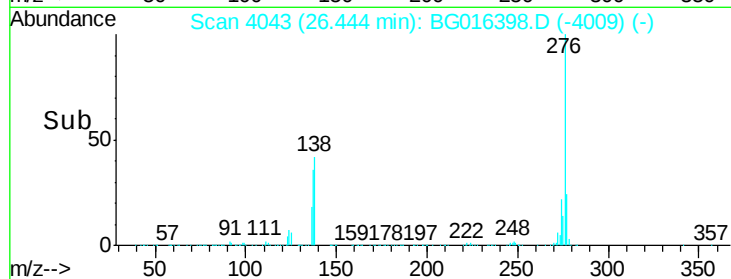
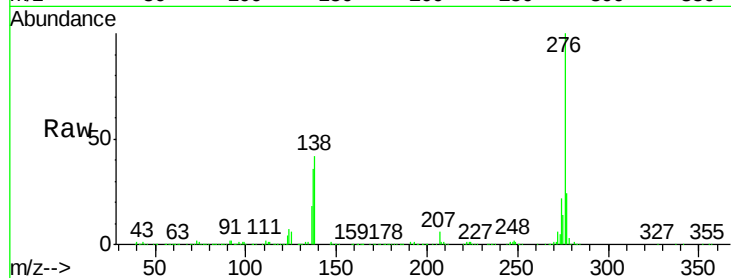
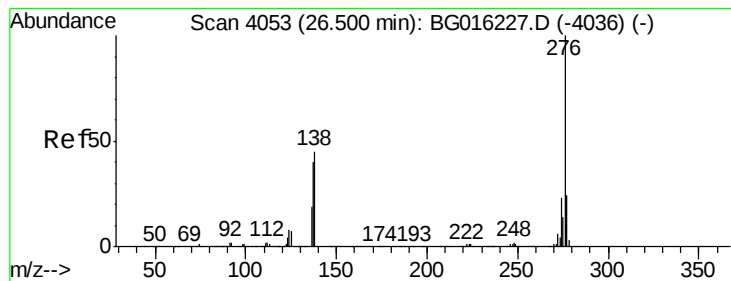


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.30 ng

RT: 26.44 min Scan# 4043

Delta R.T. -0.00 min

Lab File: BG016398.D

Acq: 14 Apr 2015 16:10

Instrument :

BNA_G

ClientSampleId :

PB82704BSD

Tgt Ion:276 Resp: 737304

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 41.8 35.7 53.5

