

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016750.D
 Acq On : 28 Apr 2015 3:25
 Operator : TP/IZ
 Sample : G1942-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Quant Time: Apr 28 05:40:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 01:49:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	67402	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	299719	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	178943	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	367792	20.00	ng	0.00
75) Chrysene-d12	21.16	240	339603	20.00	ng	0.00
86) Perylene-d12	23.35	264	320498	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	470624	113.30	ng	0.00
7) Phenol-d6	6.78	99	656620	112.68	ng	0.00
23) Nitrobenzene-d5	8.74	82	328553	69.27	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	158875	119.68	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	720113	64.66	ng	0.00
78) Terphenyl-d14	19.61	244	924425	62.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	50813	28.24	ng	97
3) Pyridine	3.42	79	129867	25.42	ng	100
4) n-Nitrosodimethylamine	3.35	42	49914	33.12	ng	88
6) Aniline	6.91	93	107558	13.46	ng	96
8) 2-Chlorophenol	7.14	128	193686	37.73	ng	98
9) Benzaldehyde	6.71	77	19342	8.12	ng	96
10) Phenol	6.80	94	231464	37.68	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	162760	33.95	ng	99
12) 1,3-Dichlorobenzene	7.46	146	178586	33.64	ng	98
13) 1,4-Dichlorobenzene	7.61	146	183768	33.86	ng	98
14) 1,2-Dichlorobenzene	7.92	146	179569	34.66	ng	99
15) Benzyl Alcohol	7.83	79	116024	31.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	149710	33.36	ng	95
17) 2-Methylphenol	8.04	107	155142	37.78	ng	97
18) Hexachloroethane	8.64	117	64258	33.58	ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	117279	32.29	ng	98
20) 3+4-Methylphenols	8.37	107	212340	36.78	ng	96
22) Acetophenone	8.39	105	240275	36.53	ng	99
24) Nitrobenzene	8.77	77	167159	33.56	ng	100
25) Isophorone	9.29	82	335358	34.11	ng	98
26) 2-Nitrophenol	9.48	139	109088	37.74	ng	96
27) 2,4-Dimethylphenol	9.56	122	177548	36.78	ng	98
28) bis(2-Chloroethoxy)methane	9.78	93	207053	34.91	ng	98
29) 2,4-Dichlorophenol	10.02	162	170463	41.55	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	157217	36.16	ng	97
31) Naphthalene	10.40	128	548710	34.72	ng	100
32) Benzoic acid	9.70	122	52478	25.21	ng	95
33) 4-Chloroaniline	10.53	127	78922	10.84	ng	95
34) Hexachlorobutadiene	10.69	225	69182	35.62	ng	97
35) Caprolactam	11.31	113	82969m	37.51	ng	
36) 4-Chloro-3-methylphenol	11.68	107	183328	38.43	ng	98
37) 2-Methylnaphthalene	12.03	142	401669	35.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	151704	35.59	ng	99
40) Hexachlorocyclopentadiene	12.38	237	68447	44.94	ng	97

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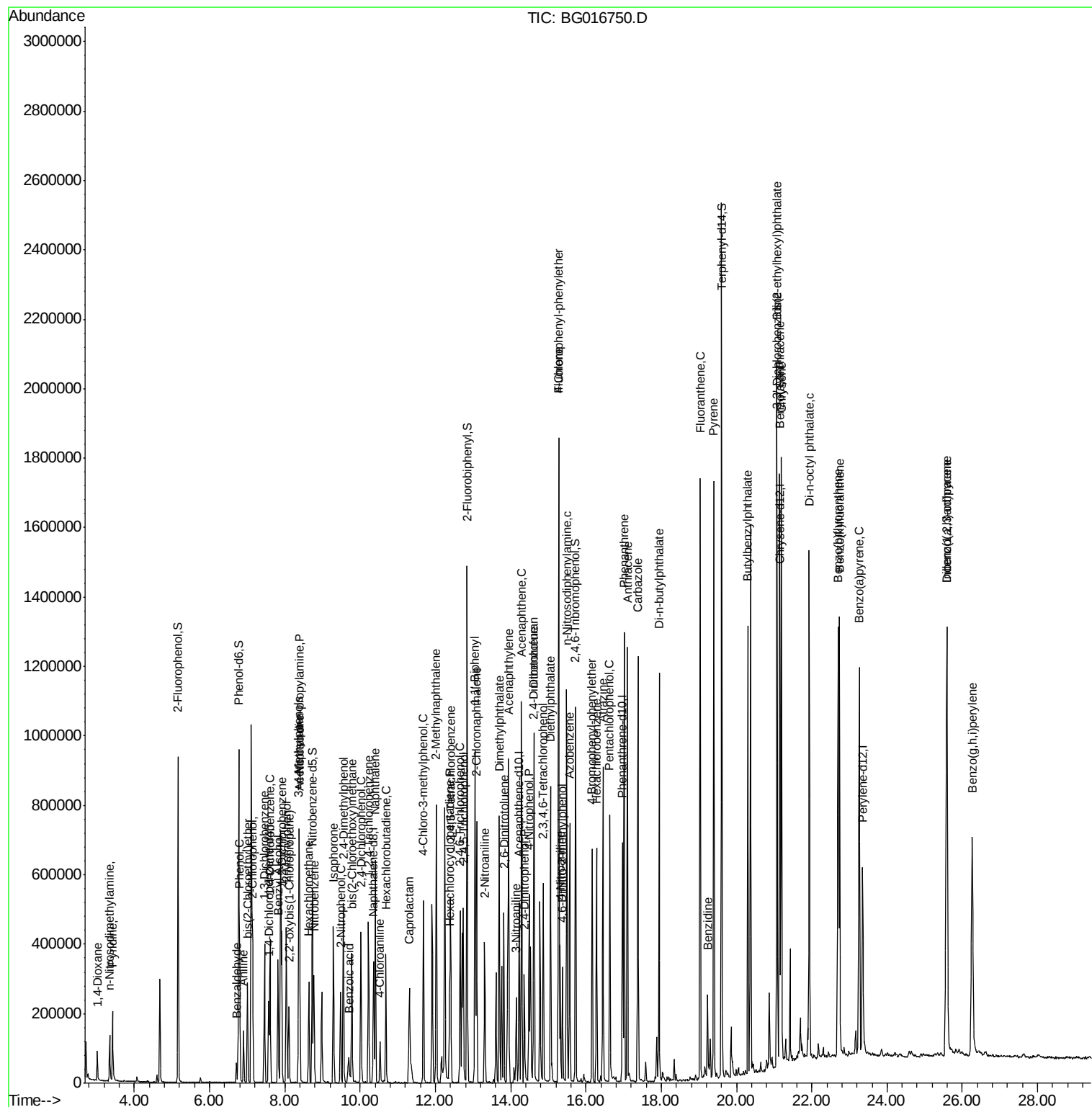
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	121632	39.05	nq	97
43) 2,4,5-Trichlorophenol	12.74	196	132514	40.20	nq	96
45) 1,1'-Biphenyl	13.05	154	486732	34.63	nq	99
46) 2-Chloronaphthalene	13.10	162	373965	34.62	nq	97
47) 2-Nitroaniline	13.31	65	99833	33.88	nq	97
48) Acenaphthylene	13.95	152	633791	33.50	nq	100
49) Dimethylphthalate	13.69	163	506921	37.87	nq	99
50) 2,6-Dinitrotoluene	13.82	165	117668	35.82	nq	96
51) Acenaphthene	14.29	154	388238	34.19	nq	99
52) 3-Nitroaniline	14.15	138	80199	20.20	nq	94
53) 2,4-Dinitrophenol	14.36	184	90358	53.39	nq	94
54) Dibenzofuran	14.63	168	561117	35.03	nq	99
55) 4-Nitrophenol	14.49	139	203907	68.54	nq	98
56) 2,4-Dinitrotoluene	14.61	165	166046	36.91	nq	98
57) Fluorene	15.28	166	489998	35.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.86	232	100691	40.37	nq	97
59) Diethylphthalate	15.06	149	481246	34.50	nq	98
60) 4-Chlorophenyl-phenylether	15.28	204	203846	34.86	nq	96
61) 4-Nitroaniline	15.32	138	124304	28.30	nq	99
62) Azobenzene	15.57	77	428056	33.60	nq	96
64) 4,6-Dinitro-2-methylphenol	15.38	198	82969	33.34	nq	97
65) n-Nitrosodiphenylamine	15.49	169	429745	34.08	nq	98
66) 4-Bromophenyl-phenylether	16.17	248	111803	36.38	nq	92
67) Hexachlorobenzene	16.28	284	117736	37.25	nq	96
68) Atrazine	16.45	200	143531	42.40	nq	98
69) Pentachlorophenol	16.63	266	125999	82.09	nq	100
70) Phenanthrene	17.01	178	737525	34.91	nq	99
71) Anthracene	17.10	178	725545	34.52	nq	100
72) Carbazole	17.38	167	753734	35.80	nq	99
73) Di-n-butylphthalate	17.94	149	858777	34.22	nq	99
74) Fluoranthene	19.04	202	891345	39.81	nq	98
76) Benzidine	19.23	184	147488	12.75	nq	97
77) Pyrene	19.40	202	893163	37.44	nq	99
79) Butylbenzylphthalate	20.30	149	413087	35.20	nq	95
80) Benzo(a)anthracene	21.14	228	738992	35.89	nq	99
81) 3,3'-Dichlorobenzidine	21.09	252	132391	19.73	nq	95
82) Chrysene	21.20	228	698502	35.38	nq	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	596143	37.34	nq	100
84) Di-n-octyl phthalate	21.93	149	980060	36.85	nq	99
85) Indeno(1,2,3-cd)pyrene	25.59	276	739132	34.35	nq	96
87) Benzo(b)fluoranthene	22.70	252	745051	38.27	nq	98
88) Benzo(k)fluoranthene	22.74	252	636343	33.49	nq	97
89) Benzo(a)pyrene	23.26	252	669588	36.50	nq	97
90) Dibenzo(a,h)anthracene	25.59	278	576630	32.32	nq	97
91) Benzo(g,h,i)perylene	26.26	276	636597	35.07	nq	96

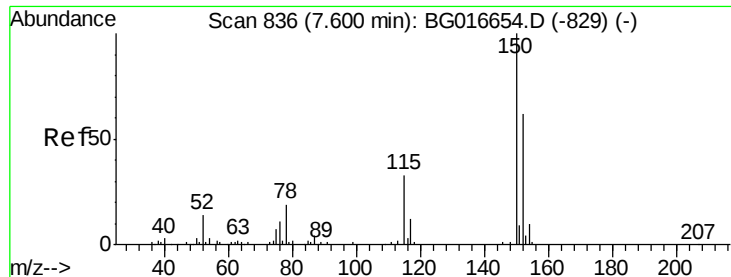
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

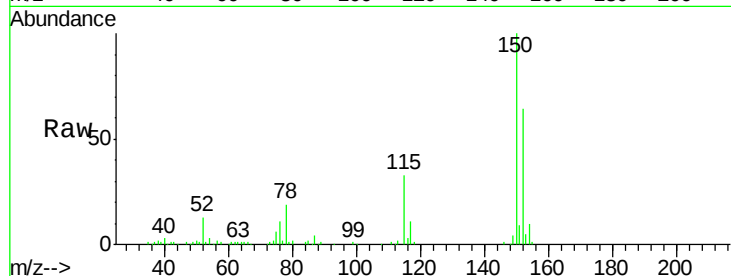
Tot Ion:152 Resp: 67402

Ion Ratio Lower Upper

152 100

150 156.2 129.6 194.4

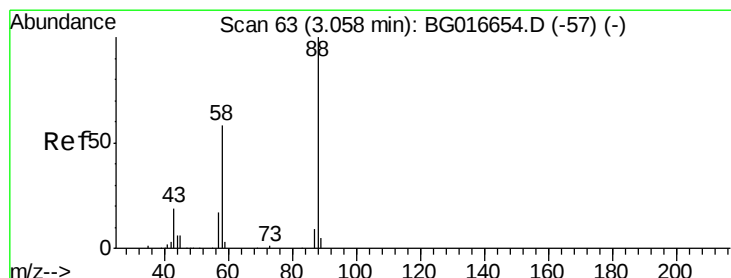
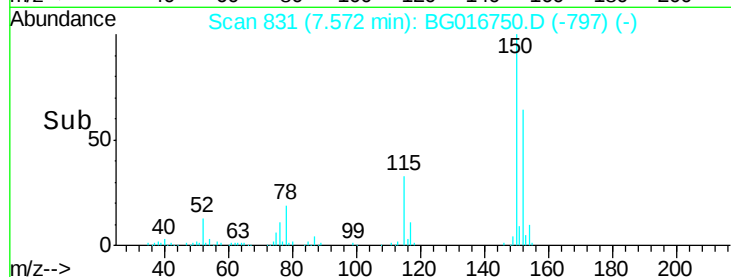
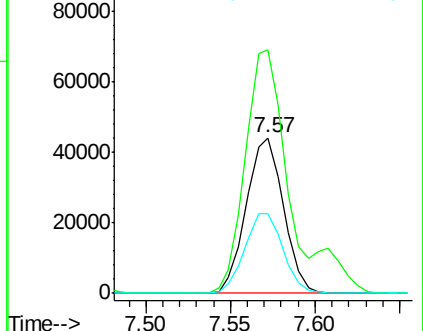
115 51.1 43.0 64.6



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: 28.24 ng

RT: 3.02 min Scan# 57

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

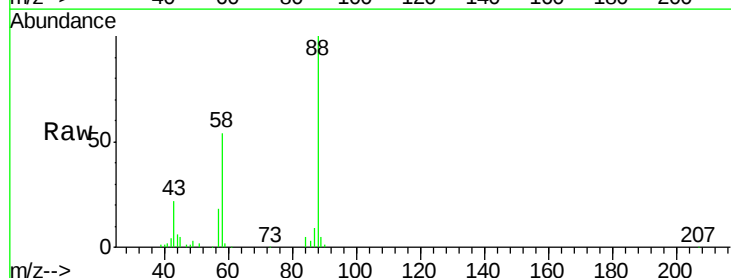
Tgt Ion: 88 Resp: 50813

Ion Ratio Lower Upper

88 100

58 56.4 46.8 70.2

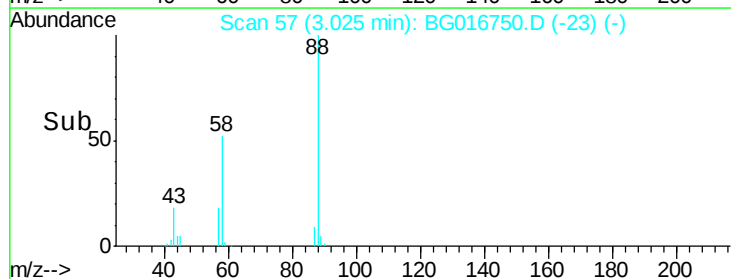
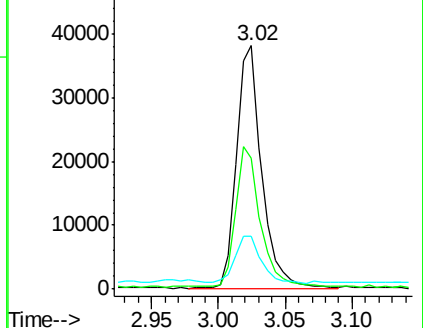
43 20.9 15.8 23.8



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.42 ng

RT: 3.42 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

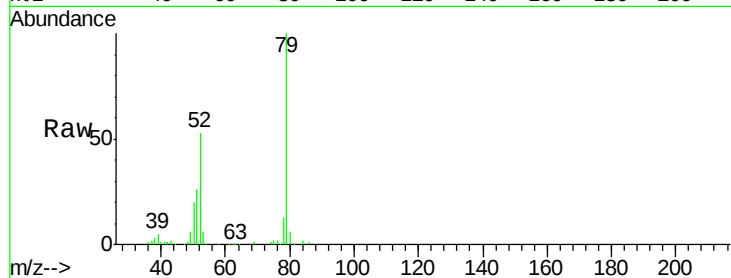
Tot Ion: 79 Resp: 129867

Ion Ratio Lower Upper

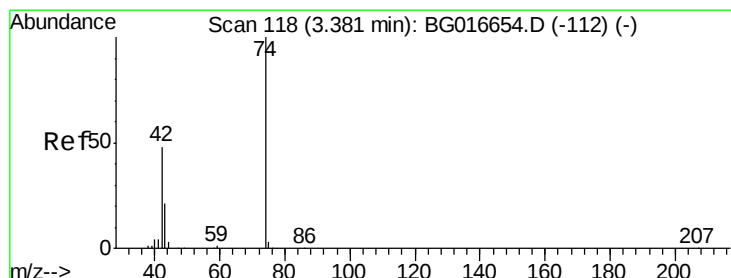
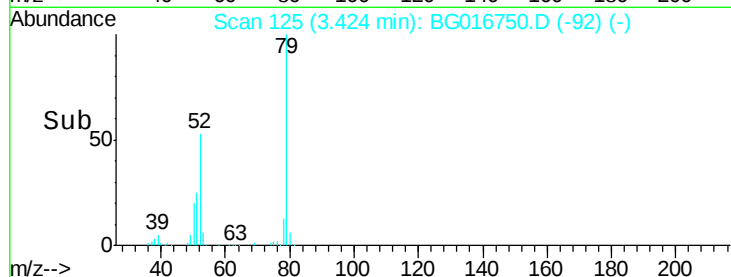
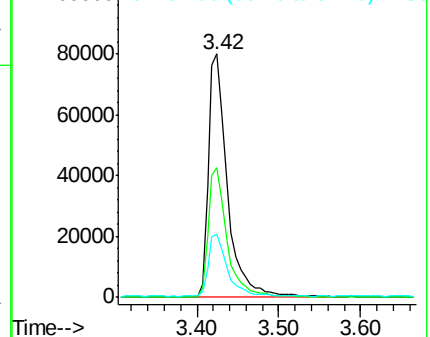
79 100

52 53.3 42.7 64.1

51 25.7 20.5 30.7



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: 33.12 ng

RT: 3.35 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

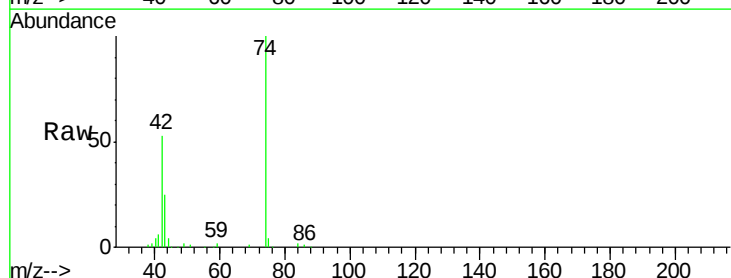
Tgt Ion: 42 Resp: 49914

Ion Ratio Lower Upper

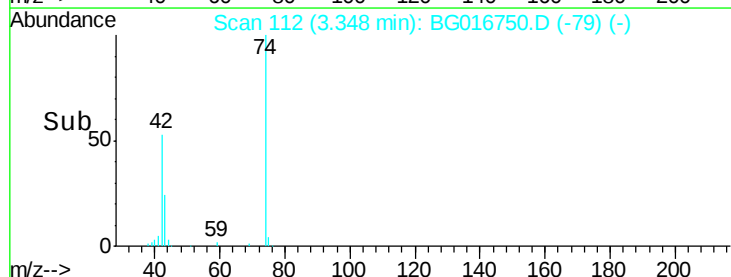
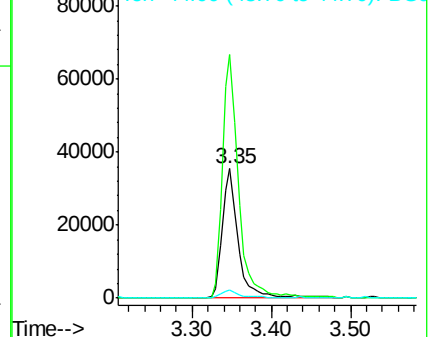
42 100

74 188.6 165.6 248.4

44 6.6 5.0 7.6



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: 113.30 ng

RT: 5.16 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

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ClientSampleId :

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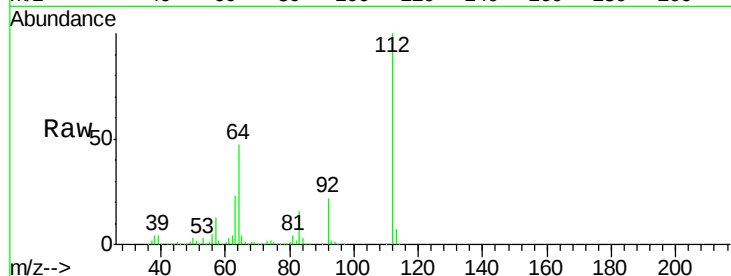
Tot Ion:112 Resp: 470624

Ion Ratio Lower Upper

112 100

64 47.1 38.3 57.5

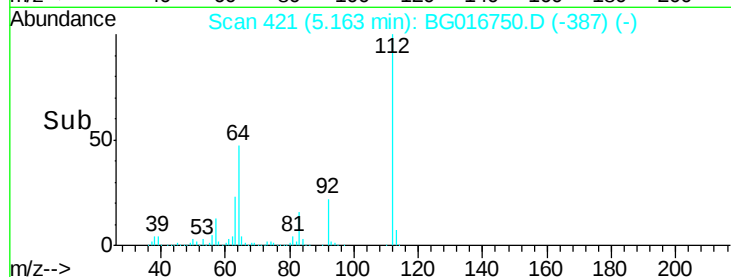
63 23.1 18.9 28.3



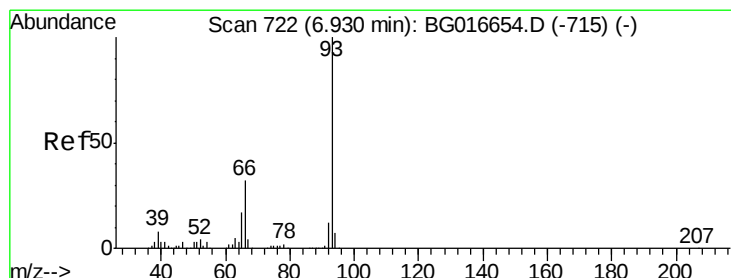
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 13.46 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

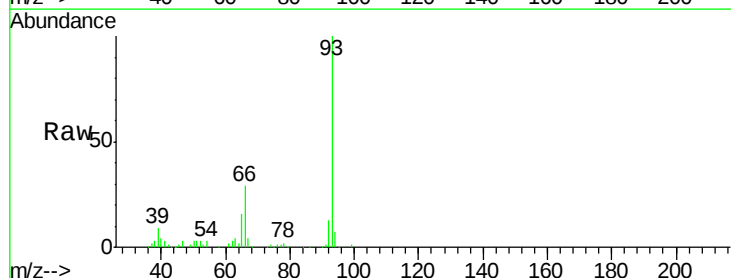
Tgt Ion: 93 Resp: 107558

Ion Ratio Lower Upper

93 100

66 29.1 25.4 38.2

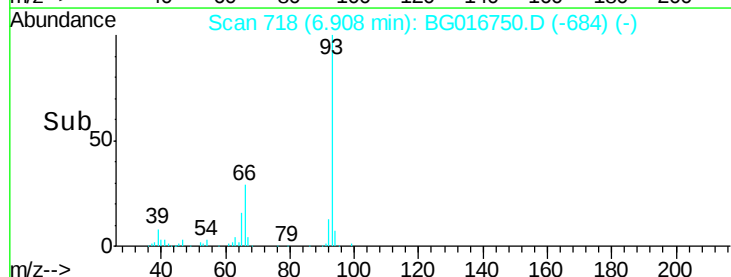
65 16.0 13.8 20.6



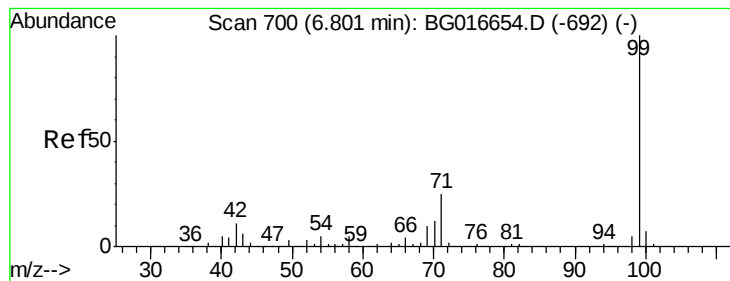
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#7

Phenol-d6

Concen: 112.68 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampled :

SB-2MSD

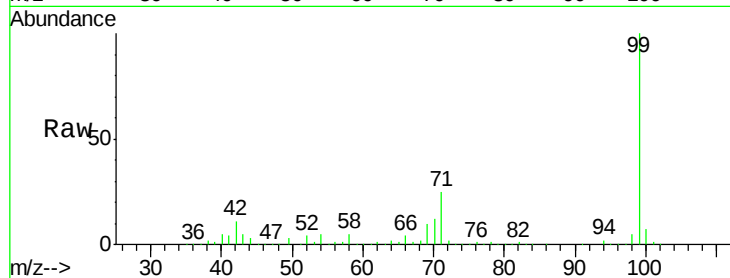
Tot Ion: 99 Resp: 656620

Ion Ratio Lower Upper

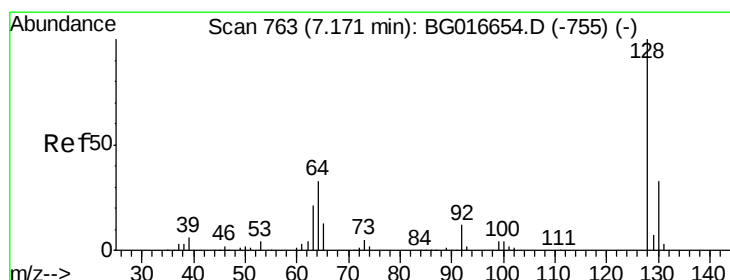
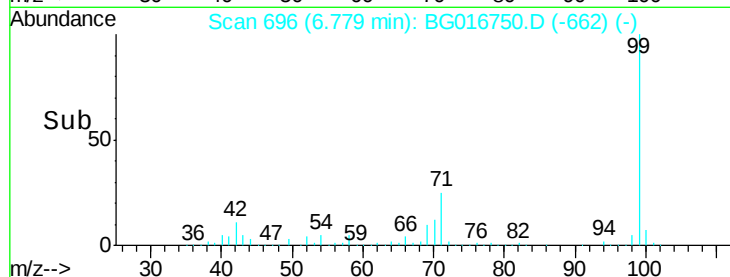
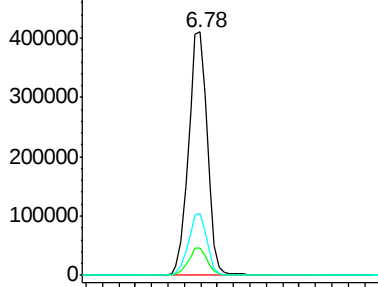
99 100

42 11.3 8.8 13.2

71 25.2 19.9 29.9



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: 37.73 ng

RT: 7.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

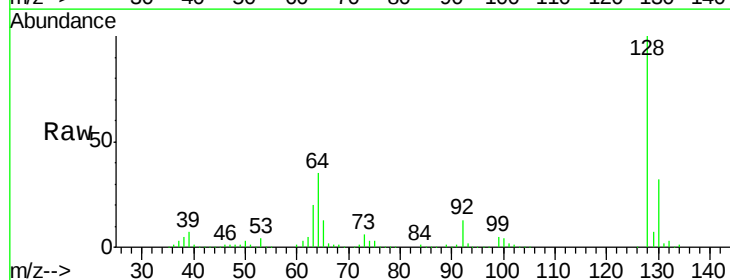
Tgt Ion: 128 Resp: 193686

Ion Ratio Lower Upper

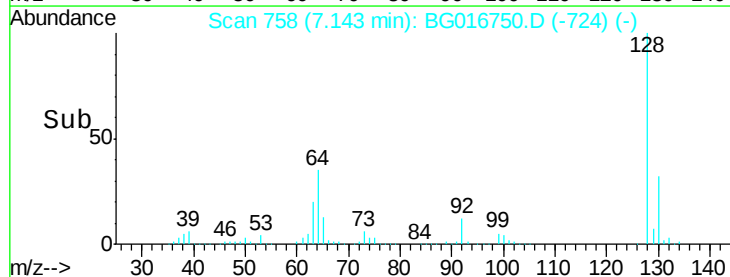
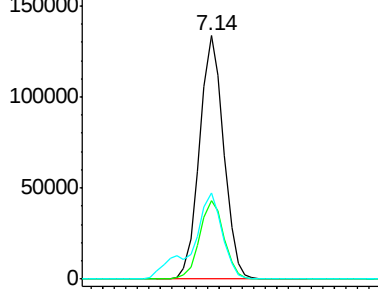
128 100

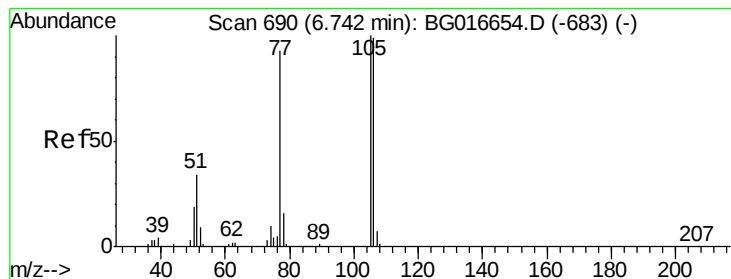
130 32.0 13.5 53.5

64 35.2 15.8 55.8



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: 8.12 ng

RT: 6.71 min Scan# 685

Delta R.T. -0.00 min

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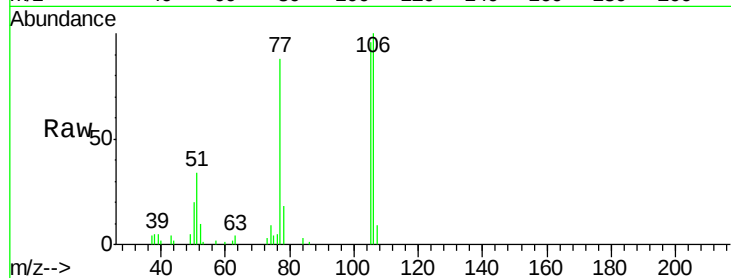
Tot Ion: 77 Resp: 19342

Ion Ratio Lower Upper

77 100

105 109.8 88.0 128.0

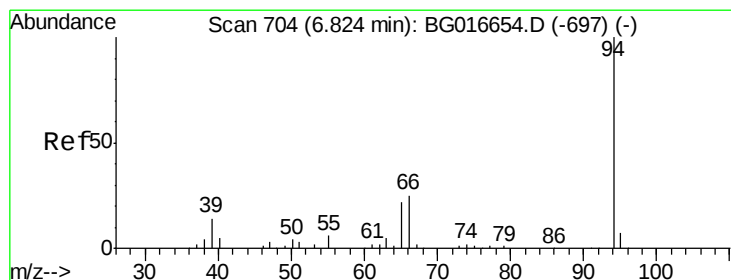
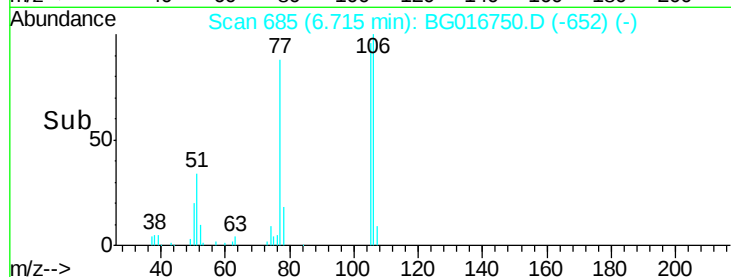
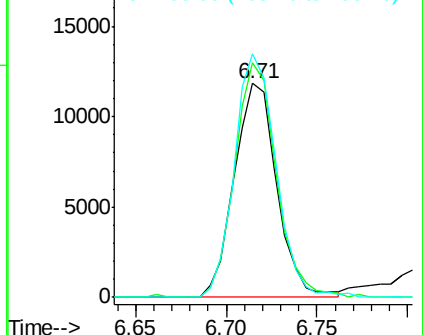
106 113.8 86.6 126.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.68 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

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Acq: 28 Apr 2015 3:25

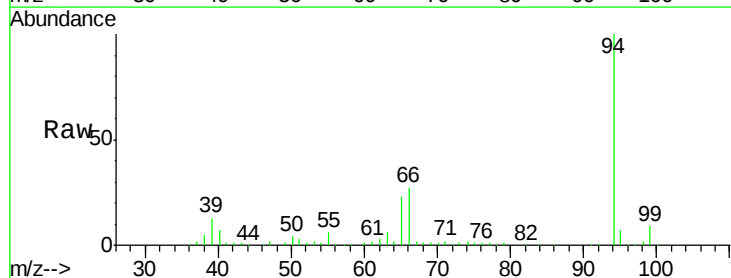
Tgt Ion: 94 Resp: 231464

Ion Ratio Lower Upper

94 100

65 23.1 2.6 42.6

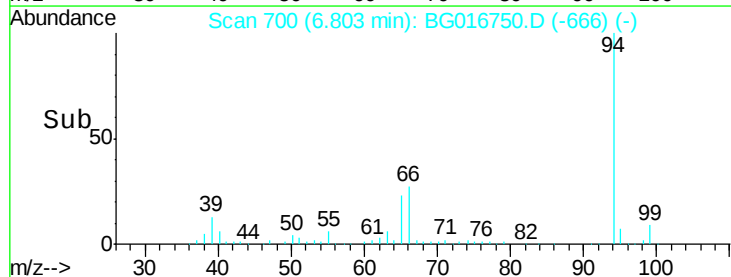
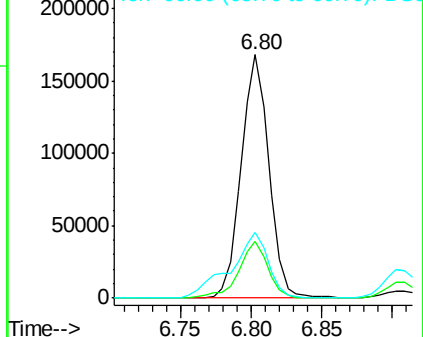
66 27.1 7.0 47.0

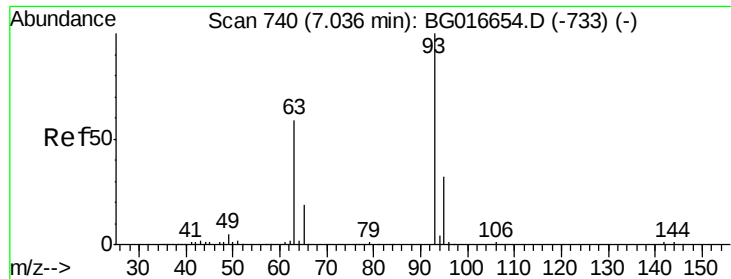


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

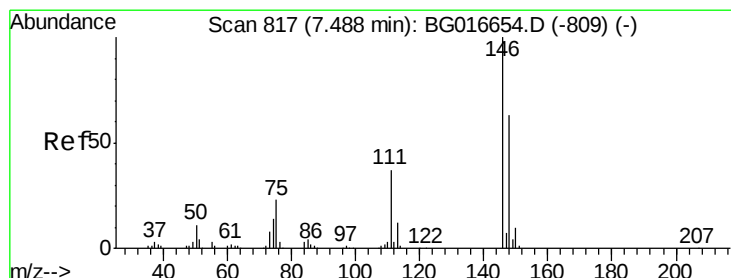
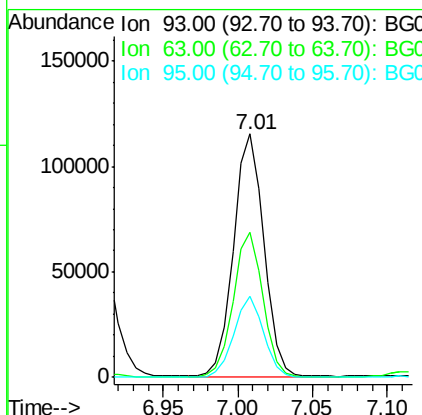
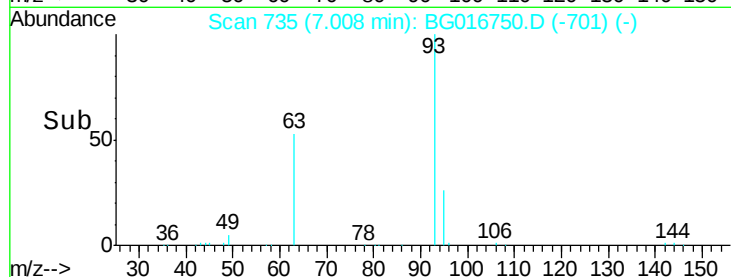
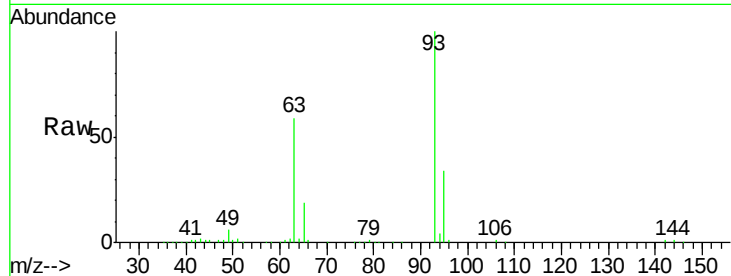




#11
bis(2-Chloroethyl)ether
Concen: 33.95 ng
RT: 7.01 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

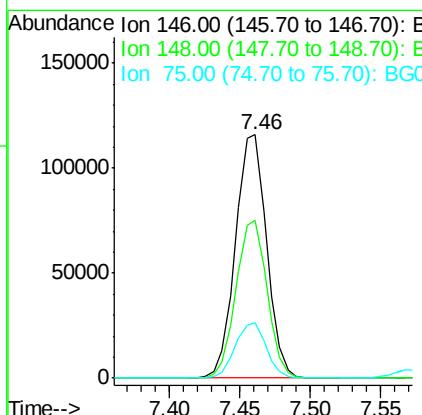
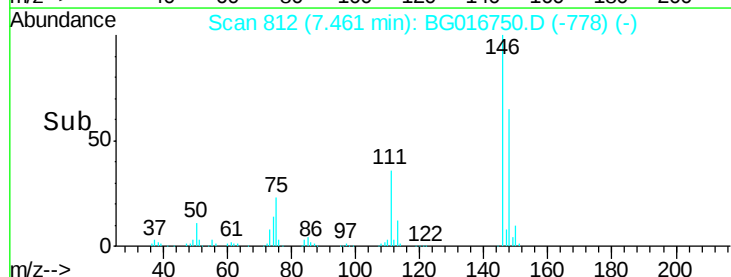
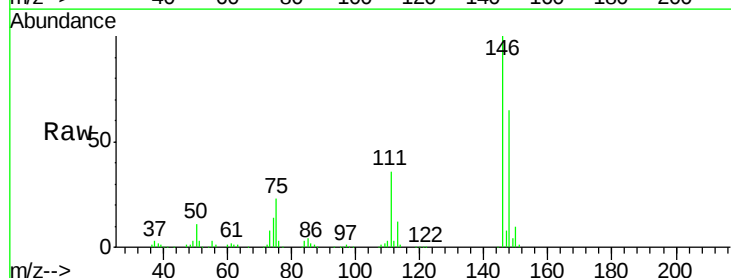
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

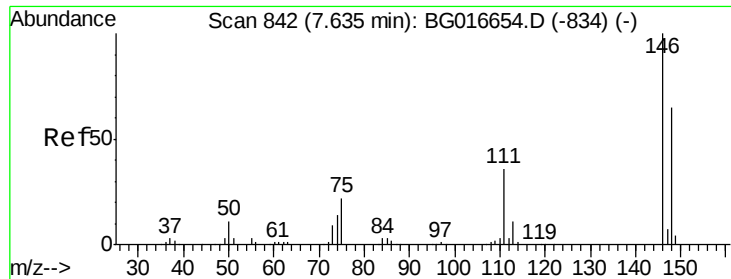
Tot Ion: 93 Resp: 162760
Ion Ratio Lower Upper
93 100
63 59.4 39.2 79.2
95 33.5 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 33.64 ng
RT: 7.46 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion: 146 Resp: 178586
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 22.8 18.4 27.6

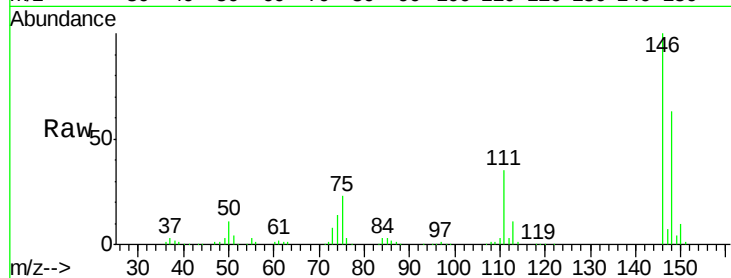




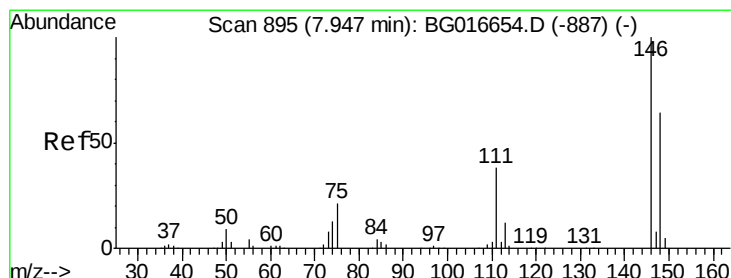
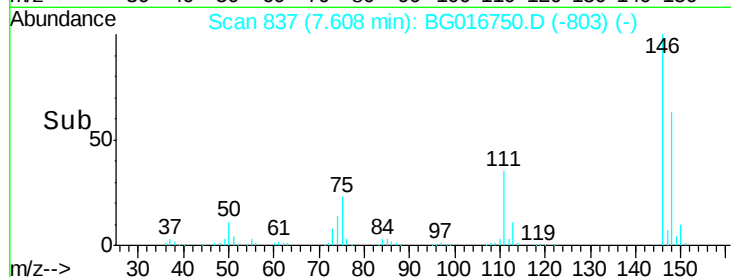
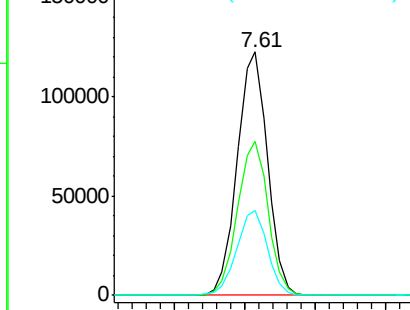
#13
 1,4-Dichlorobenzene
 Concen: 33.86 ng
 RT: 7.61 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion:146 Resp: 183768
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.6 77.4
 111 34.6 29.0 43.4

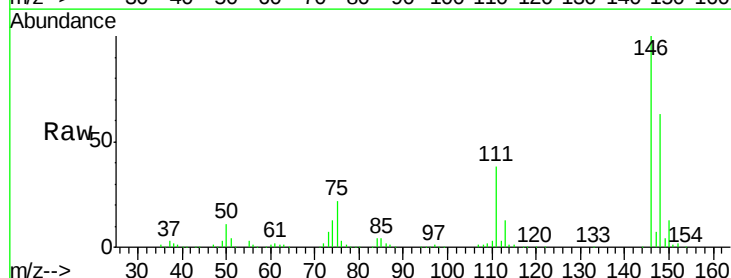


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

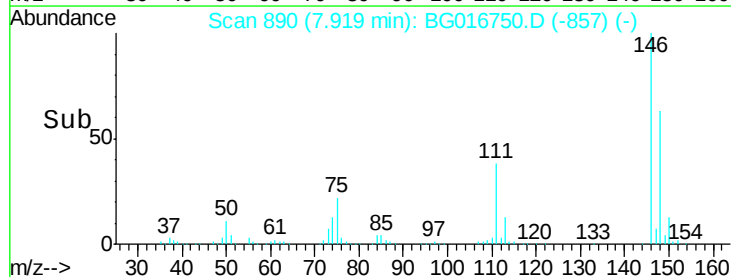
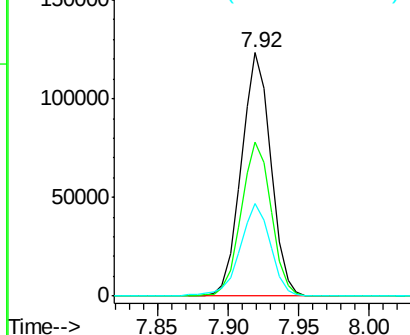


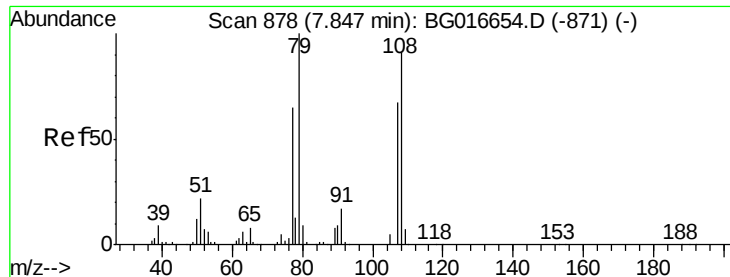
#14
 1,2-Dichlorobenzene
 Concen: 34.66 ng
 RT: 7.92 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion:146 Resp: 179569
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 38.2 31.0 46.4



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





#15

Benzyl Alcohol

Concen: 31.73 ng

RT: 7.83 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

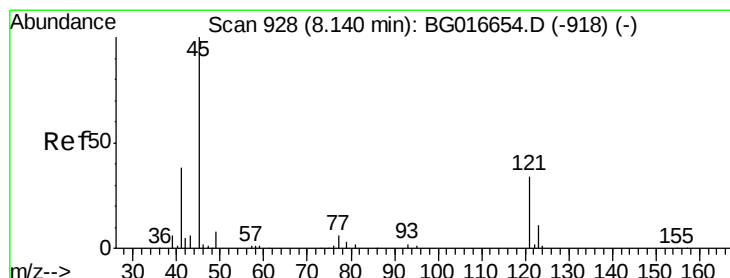
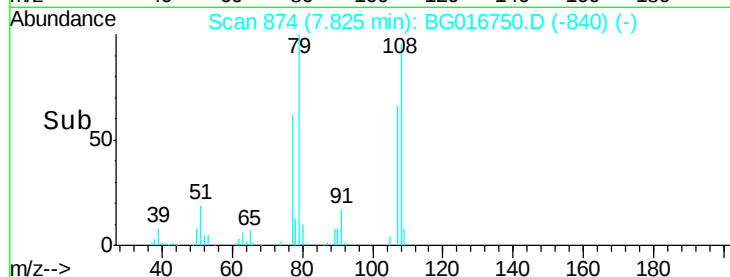
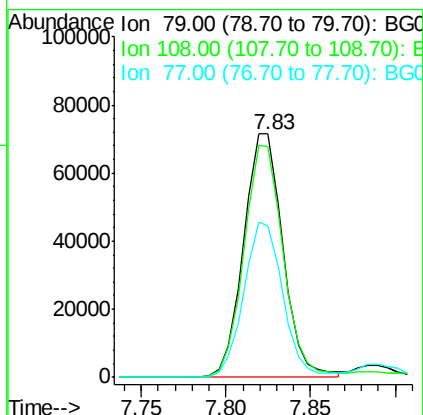
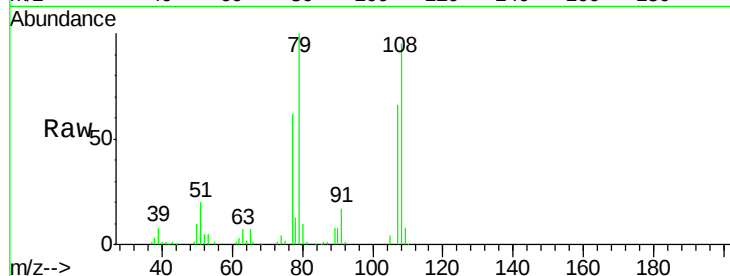
Tot Ion: 79 Resp: 116024

Ion Ratio Lower Upper

79 100

108 94.8 73.0 109.4

77 62.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.36 ng

RT: 8.11 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

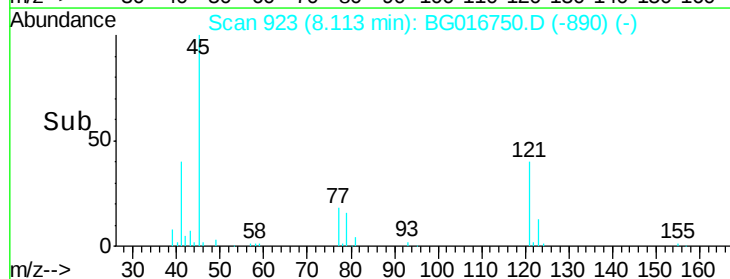
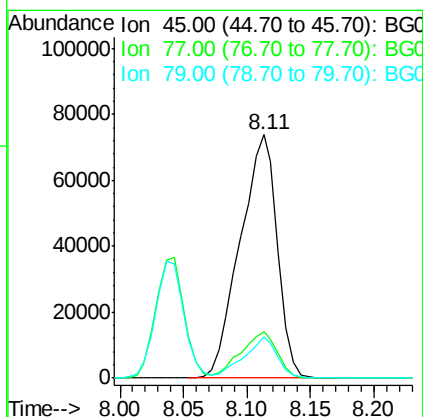
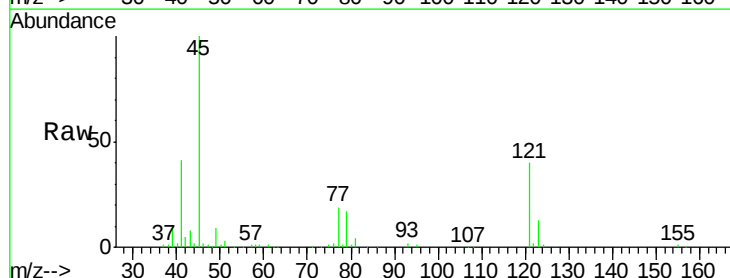
Tgt Ion: 45 Resp: 149710

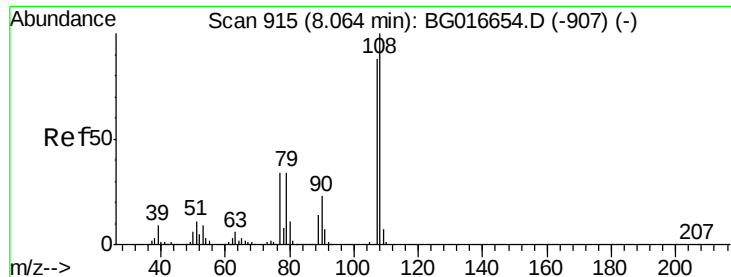
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.3

79 16.8 0.0 34.7





#17

2-Methylphenol

Concen: 37.78 ng

RT: 8.04 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tot Ion:107 Resp: 155142

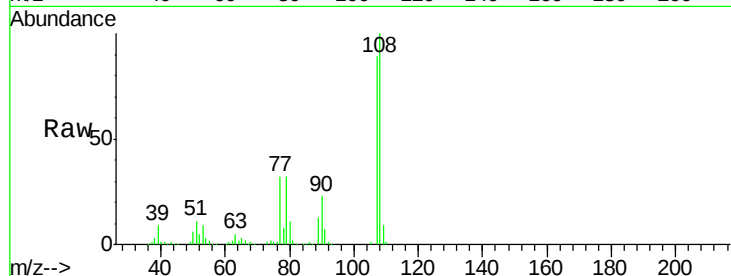
Ion Ratio Lower Upper

107 100

108 111.9 90.6 135.8

77 36.3 31.4 47.0

79 35.9 30.9 46.3

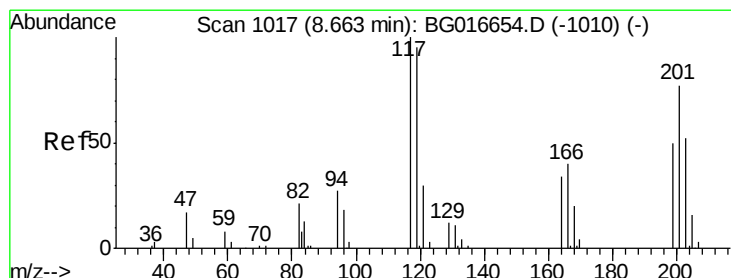
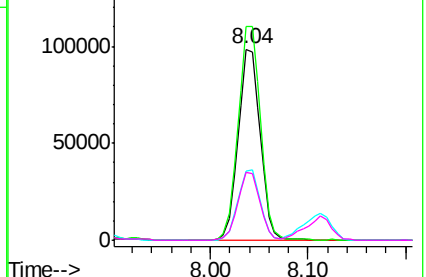
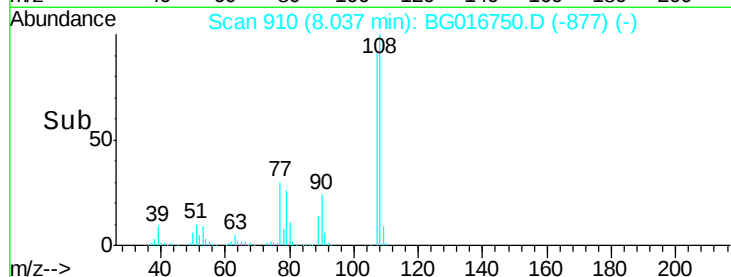


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.58 ng

RT: 8.64 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

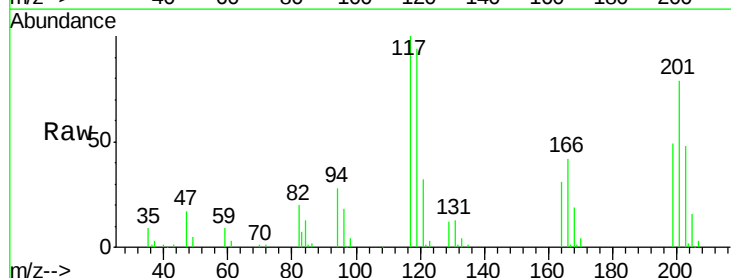
Tgt Ion:117 Resp: 64258

Ion Ratio Lower Upper

117 100

119 94.5 76.3 114.5

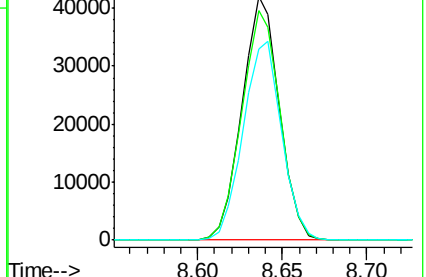
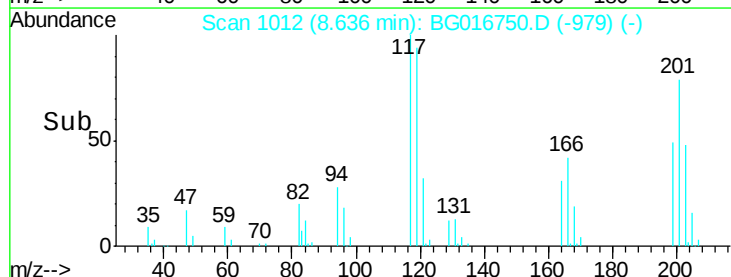
201 78.7 61.5 92.3

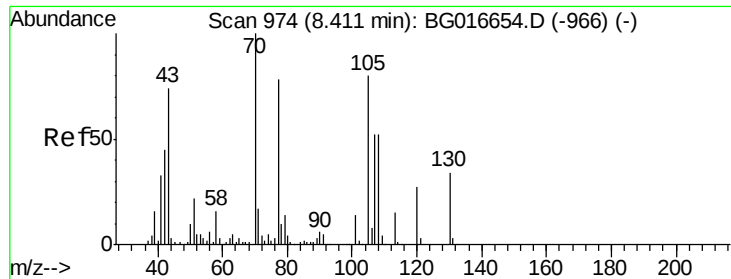


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

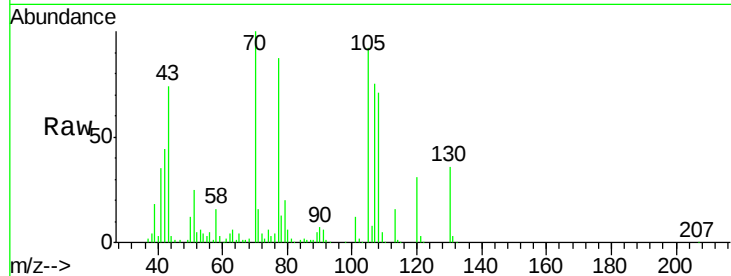




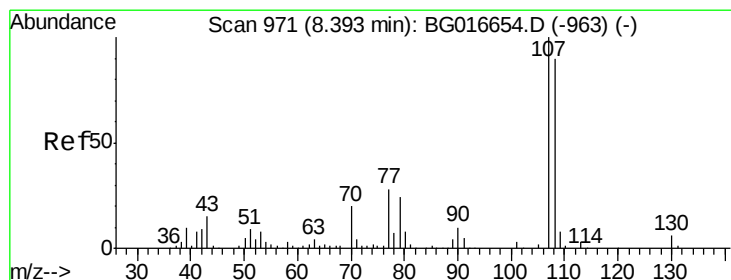
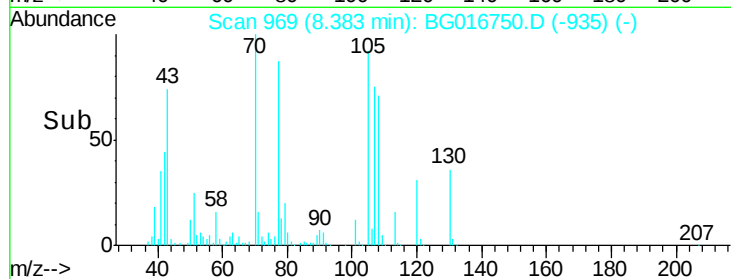
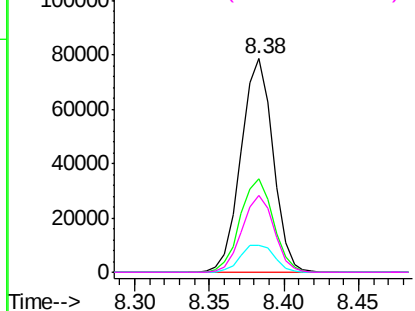
#19
n-Nitroso-di-n-propylamine
Concen: 32.29 ng
RT: 8.38 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion: 70 Resp: 117279
Ion Ratio Lower Upper
70 100
42 43.5 35.7 53.5
101 12.5 11.0 16.4
130 36.2 27.5 41.3

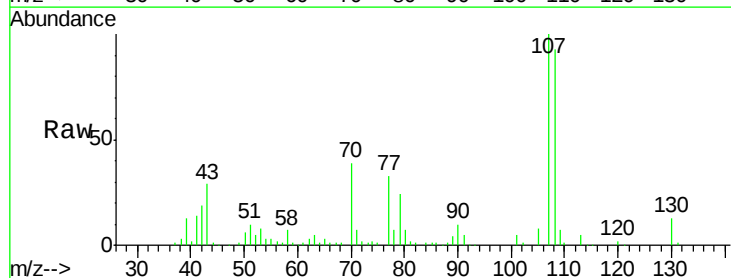


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

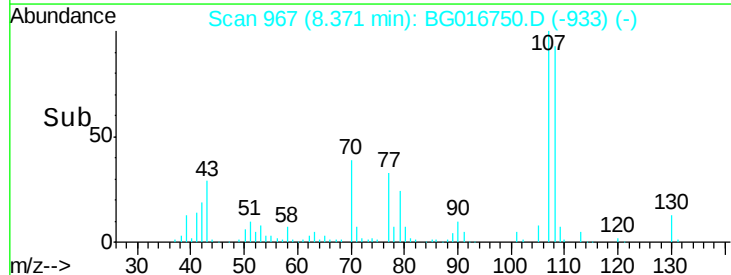
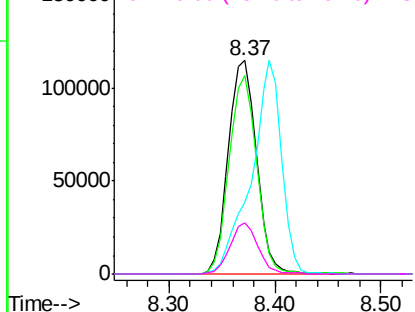


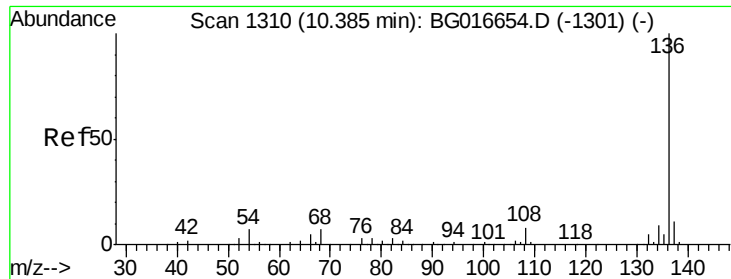
#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 8.37 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion: 107 Resp: 212340
Ion Ratio Lower Upper
107 100
108 92.8 69.5 109.5
77 33.3 8.2 48.2
79 23.9 4.2 44.2



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

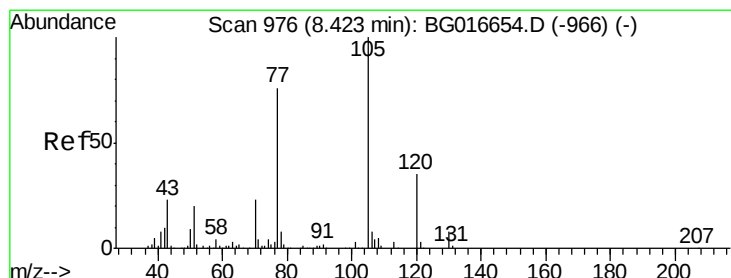
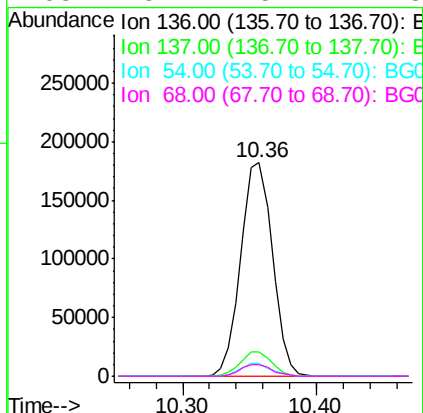
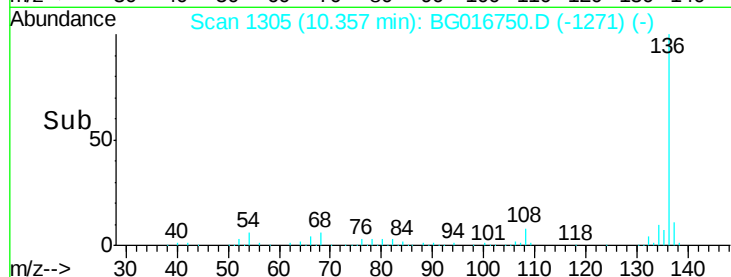
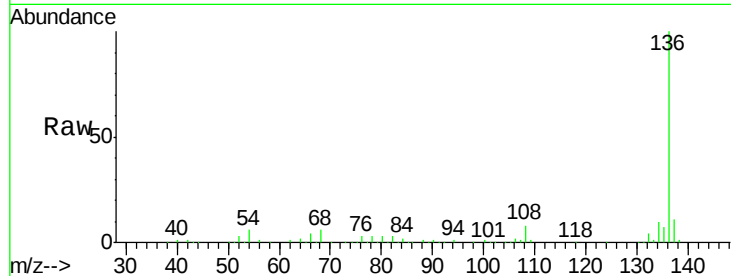




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

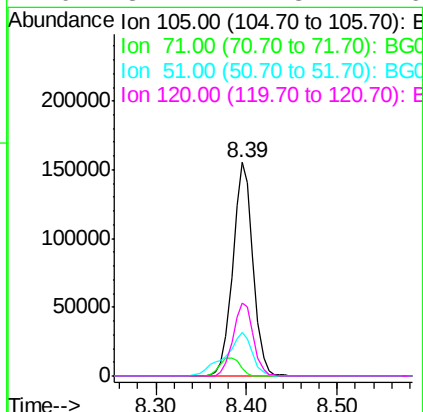
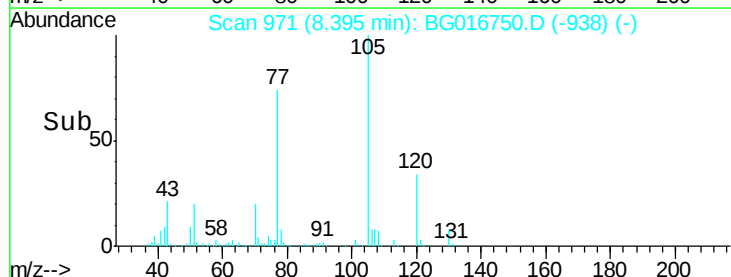
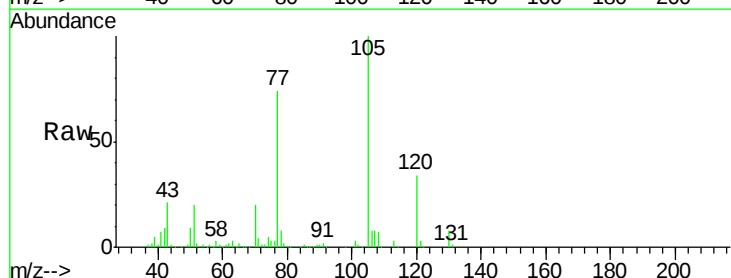
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

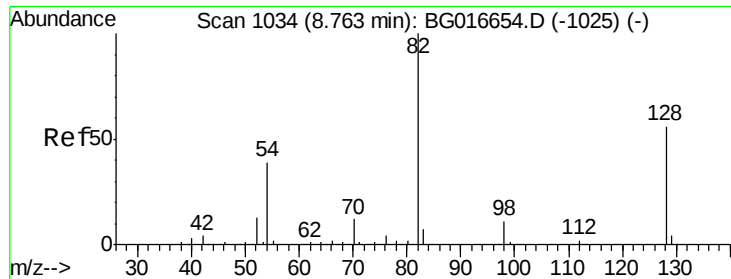
Tot Ion:136	Resp:	299719
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	5.7	5.4 8.2
68	5.7	5.2 7.8



#22
Acetophenone
Concen: 36.53 ng
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:105	Resp:	240275
Ion	Ratio	Lower Upper
105	100	
71	3.6	3.0 4.4
51	20.2	16.5 24.7
120	34.2	27.8 41.6

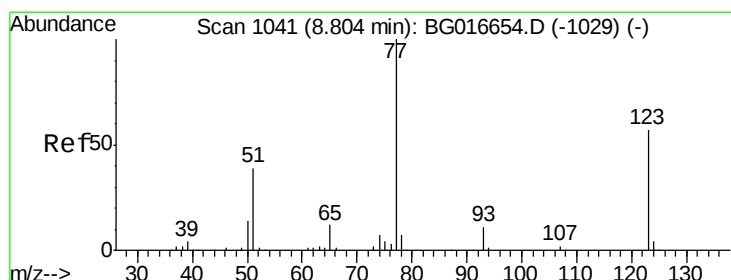
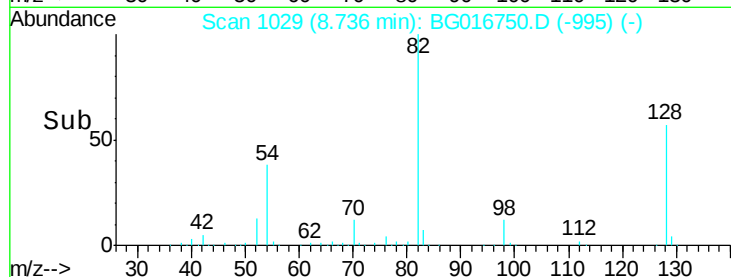
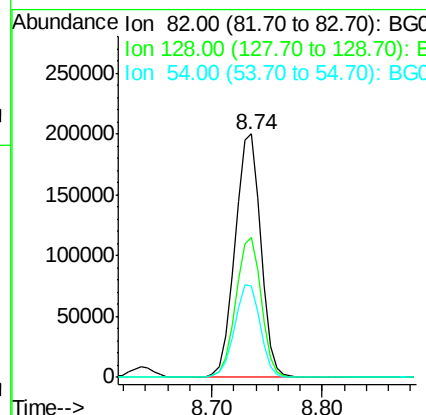
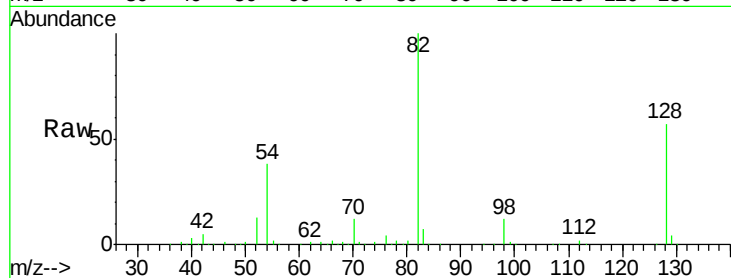




#23
 Nitrobenzene-d5
 Concen: 69.27 ng
 RT: 8.74 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

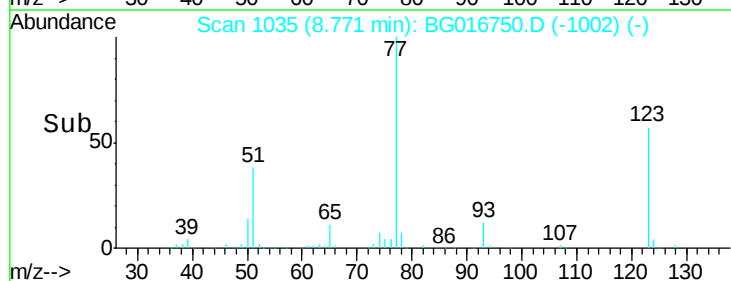
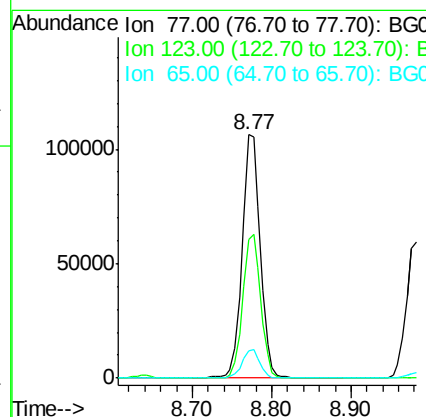
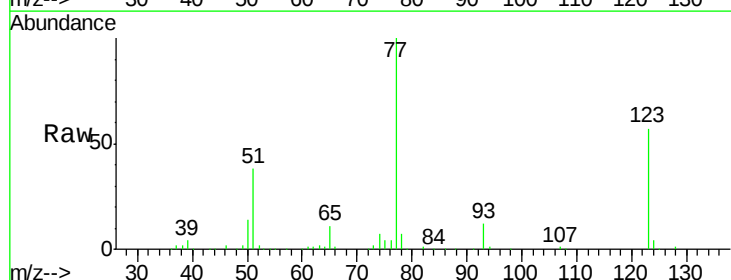
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

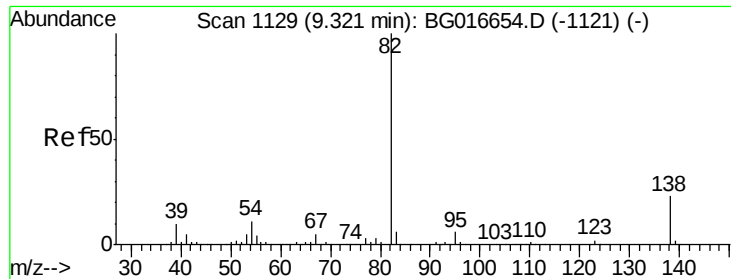
Tot Ion: 82 Resp: 328553
 Ion Ratio Lower Upper
 82 100
 128 57.3 44.7 67.1
 54 37.7 30.9 46.3



#24
 Nitrobenzene
 Concen: 33.56 ng
 RT: 8.77 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion: 77 Resp: 167159
 Ion Ratio Lower Upper
 77 100
 123 57.1 45.6 68.4
 65 11.3 9.4 14.2





#25

Isophorone

Concen: 34.11 ng

RT: 9.29 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

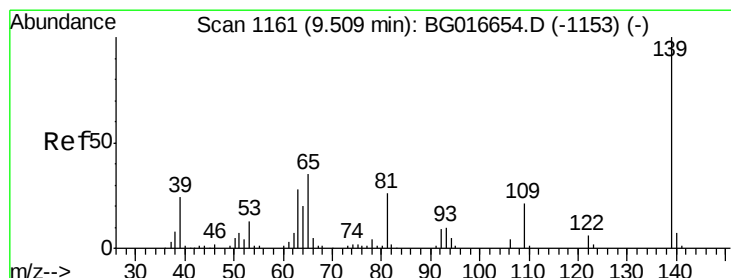
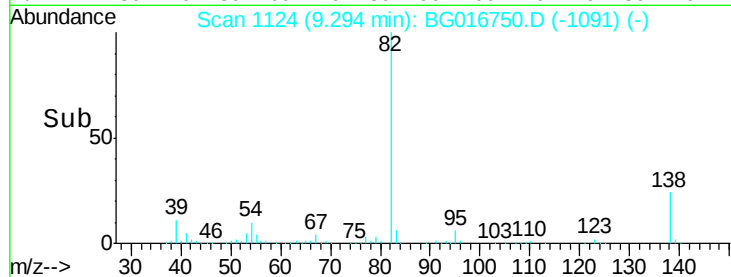
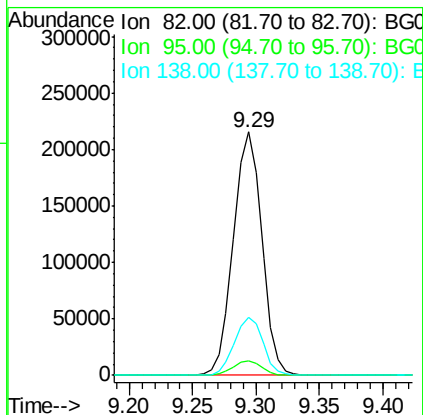
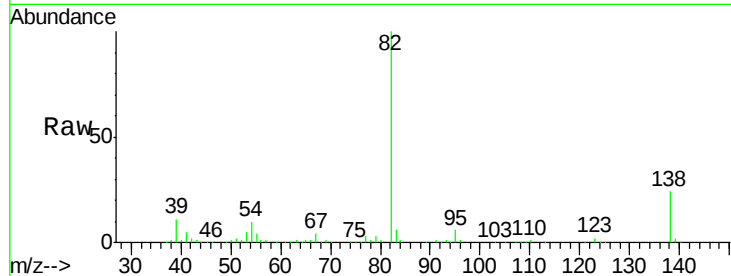
Tot Ion: 82 Resp: 335358

Ion Ratio Lower Upper

82 100

95 6.0 5.0 7.6

138 23.7 18.2 27.2



#26

2-Nitrophenol

Concen: 37.74 ng

RT: 9.48 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

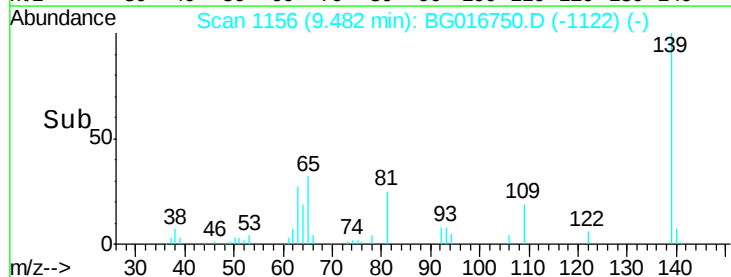
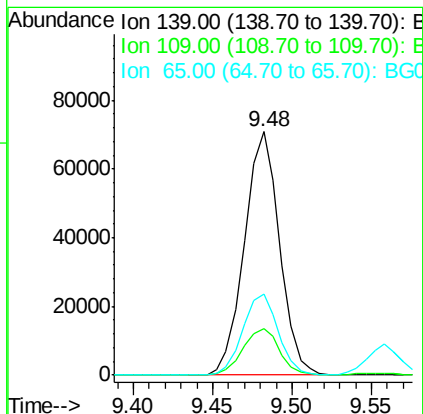
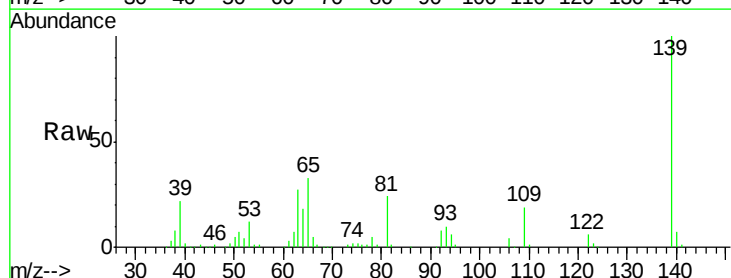
Tgt Ion: 139 Resp: 109088

Ion Ratio Lower Upper

139 100

109 19.1 17.0 25.6

65 33.3 28.2 42.4

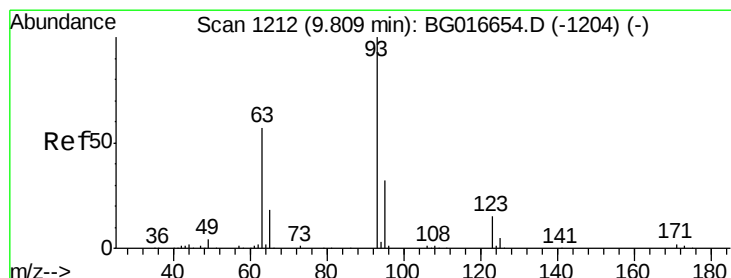
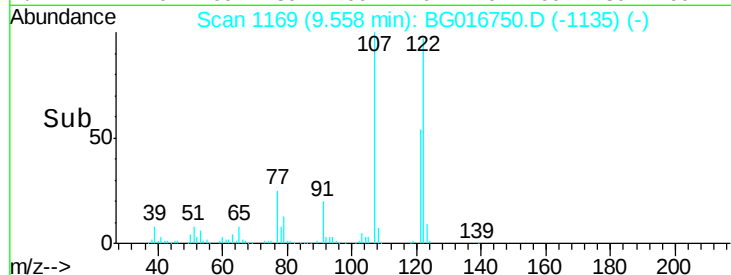
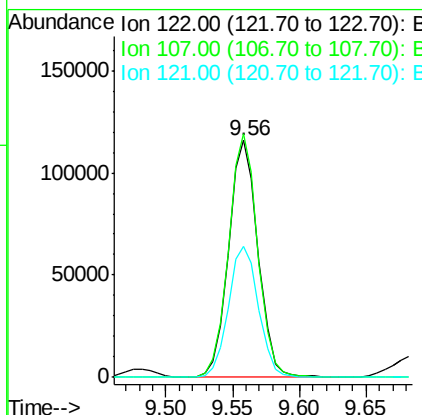
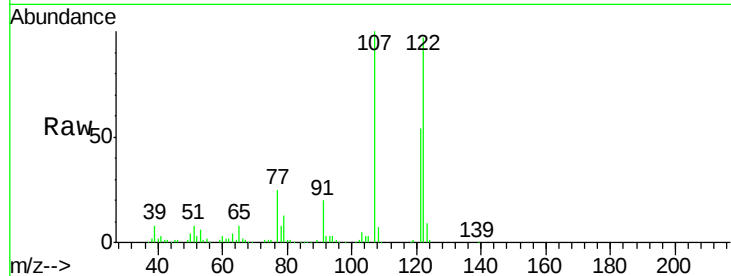




#27
 2,4-Dimethylphenol
 Concen: 36.78 ng
 RT: 9.56 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

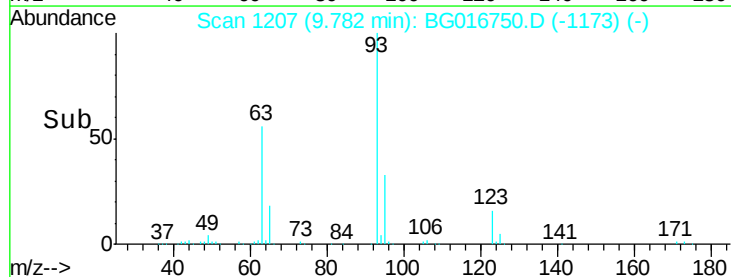
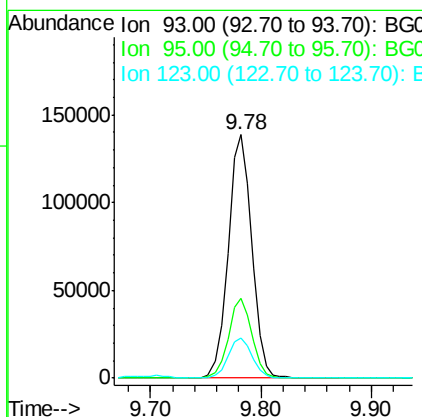
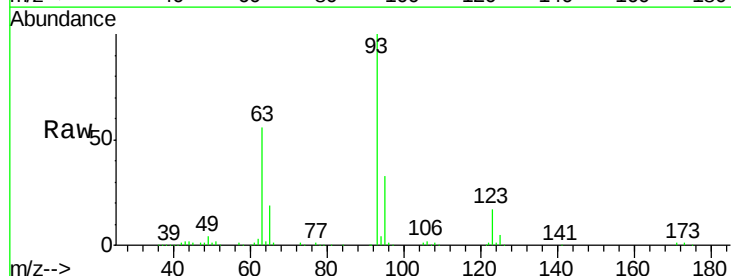
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

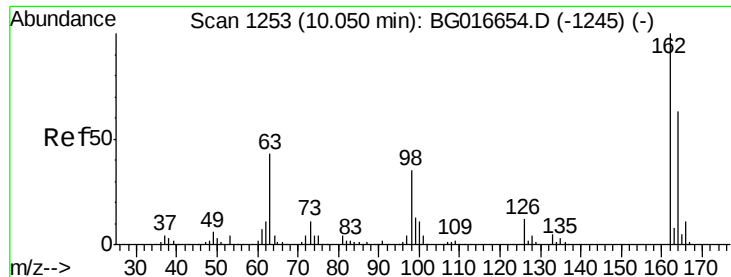
Tot Ion:122 Resp: 177548
 Ion Ratio Lower Upper
 122 100
 107 102.9 83.6 125.4
 121 55.5 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.91 ng
 RT: 9.78 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion: 93 Resp: 207053
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.4 38.2
 123 16.7 12.2 18.4

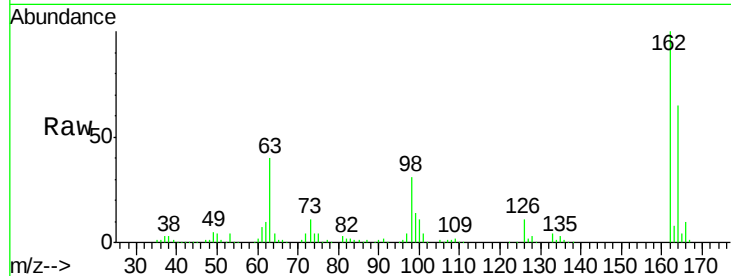




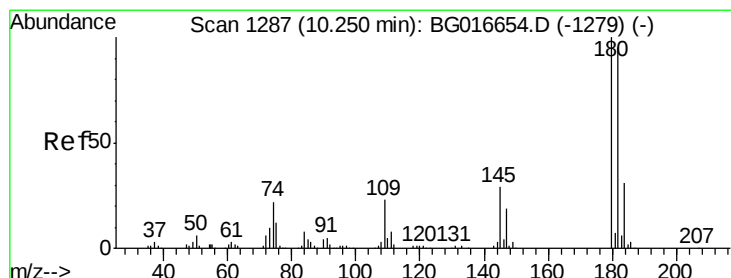
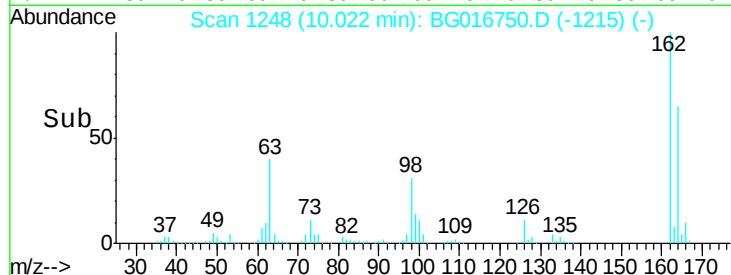
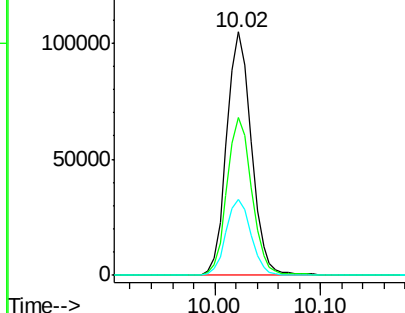
#29
2,4-Dichlorophenol
Concen: 41.55 ng
RT: 10.02 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.9	82.9
98	31.2	15.4	55.4

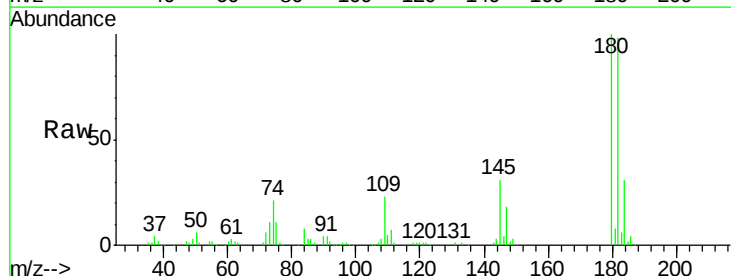


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

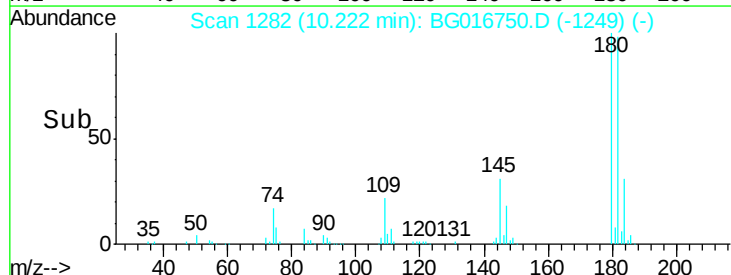
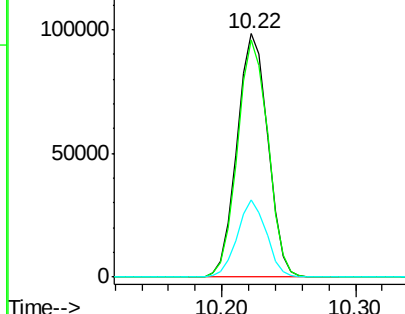


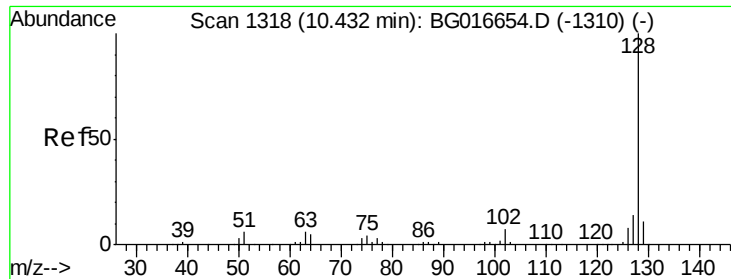
#30
1,2,4-Trichlorobenzene
Concen: 36.16 ng
RT: 10.22 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.2	114.4
145	31.5	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

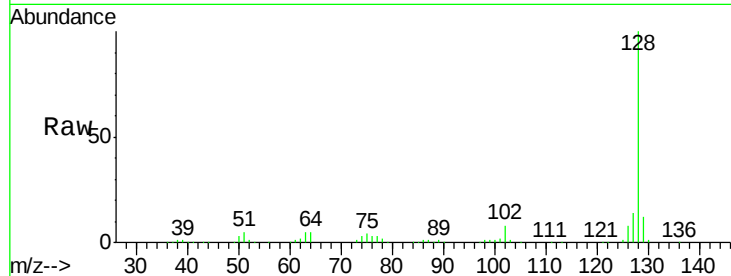




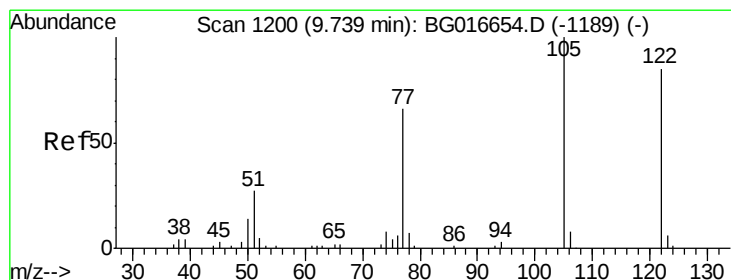
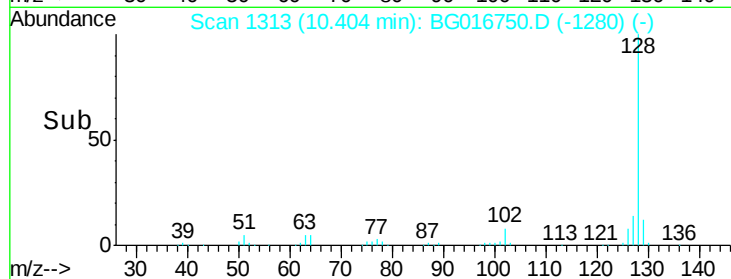
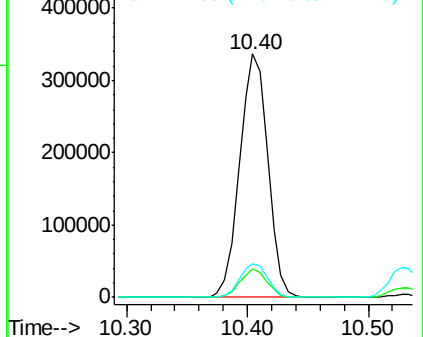
#31
Naphthalene
Concen: 34.72 ng
RT: 10.40 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion:128 Resp: 548710
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 11.1 16.7

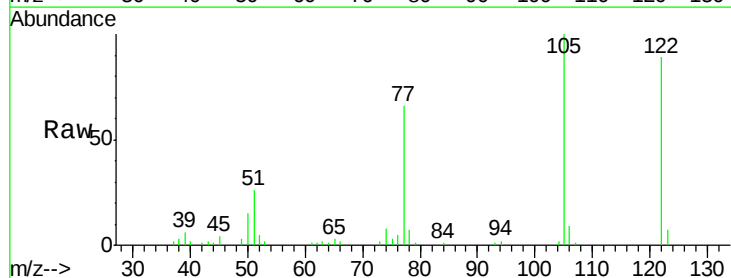


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

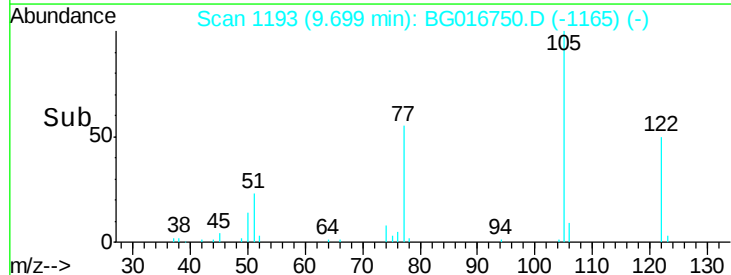
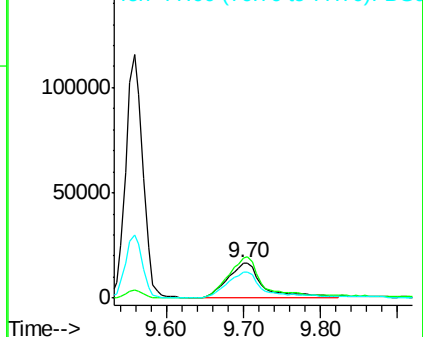


#32
Benzoic acid
Concen: 25.21 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:122 Resp: 52478
Ion Ratio Lower Upper
122 100
105 111.8 97.2 137.2
77 73.5 58.4 98.4



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

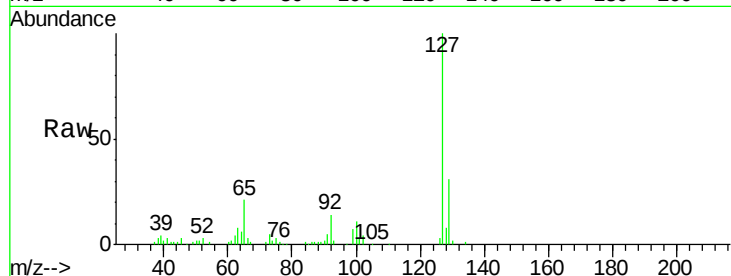




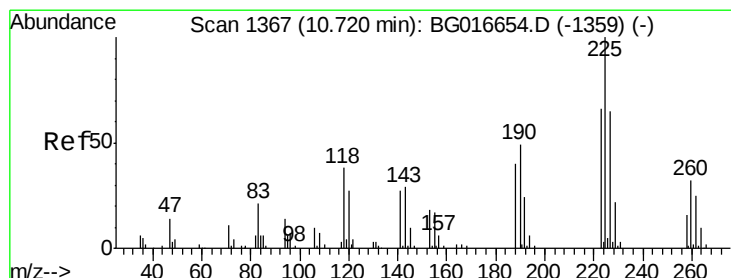
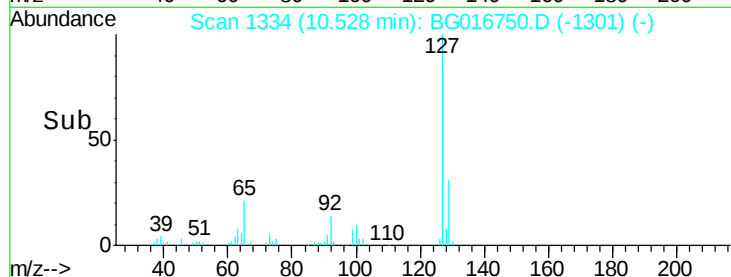
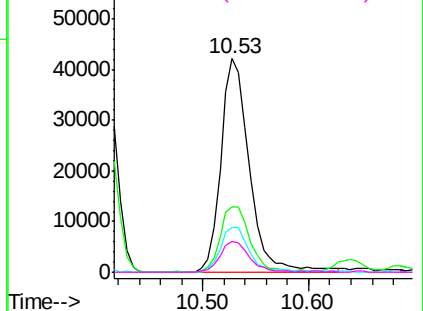
#33
4-Chloroaniline
Concen: 10.84 ng
RT: 10.53 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion:	127	Resp:	78922
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.4	41.2
65	20.8	19.1	28.7
92	14.3	12.6	18.8

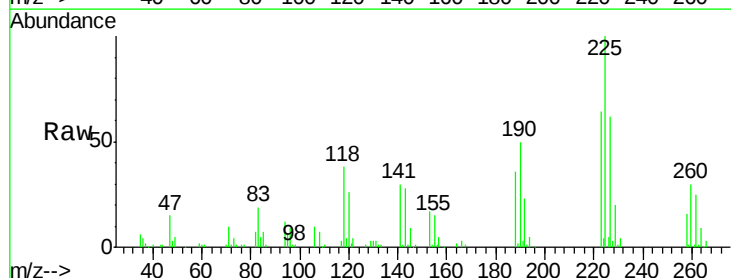


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

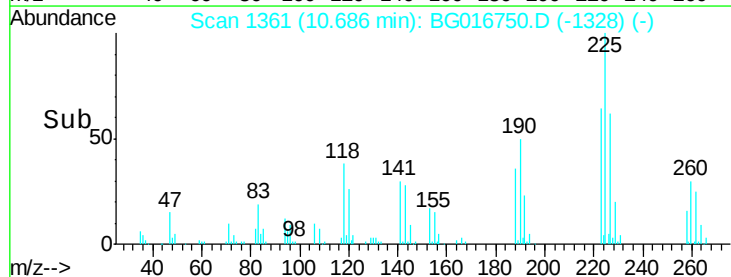
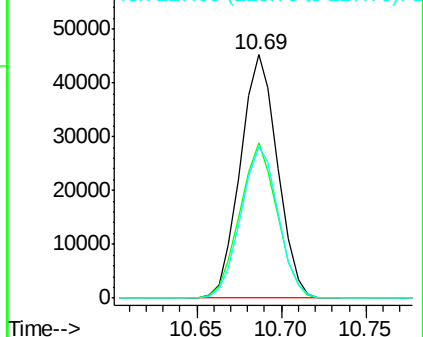


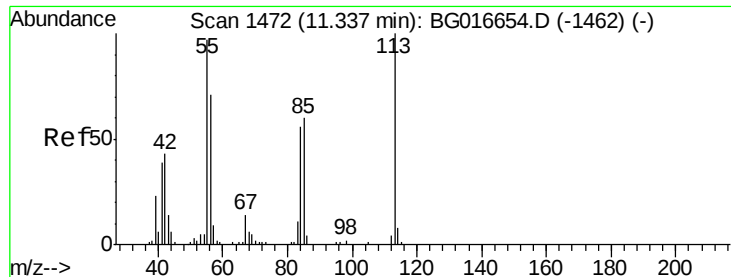
#34
Hexachlorobutadiene
Concen: 35.62 ng
RT: 10.69 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:	225	Resp:	69182
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.6	79.0
227	62.0	52.0	78.0



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: 37.51 ng/mL

RT: 11.31 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

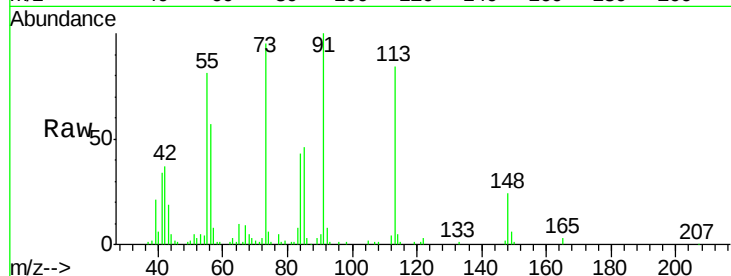
Tot Ion:113 Resp: 82969

Ion Ratio Lower Upper

113 100

55 97.1 77.1 117.1

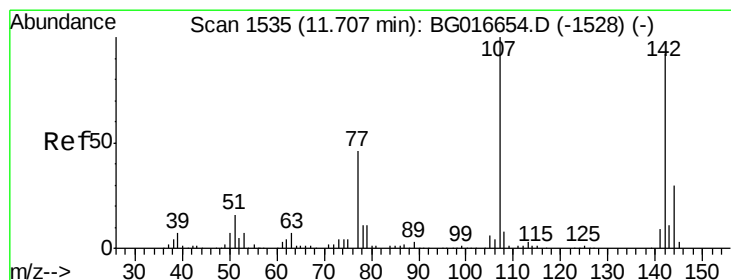
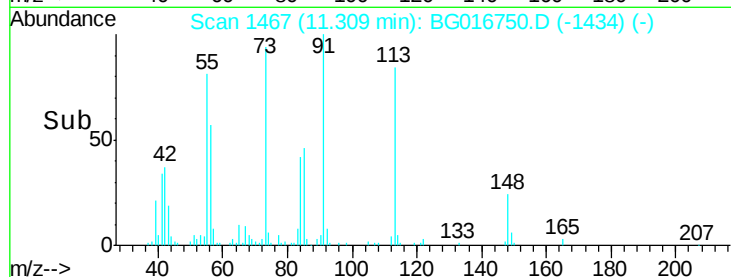
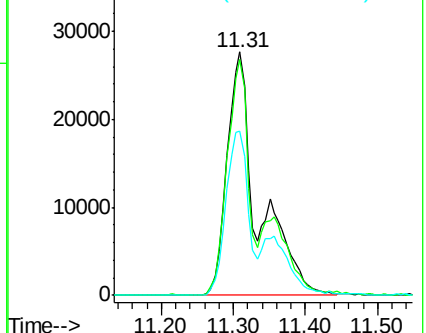
56 67.4 51.4 91.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016654.D (-1462) (-)

Ion 56.00 (55.70 to 56.70): BG016654.D (-1462) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.43 ng/mL

RT: 11.68 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

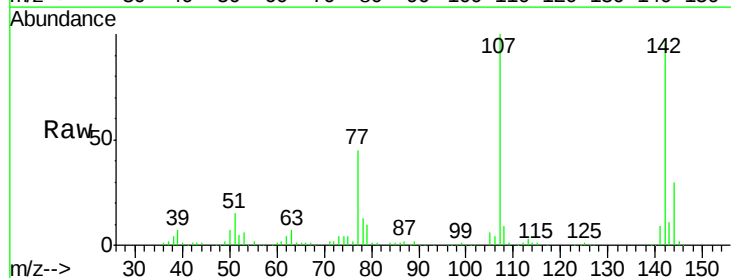
Tgt Ion:107 Resp: 183328

Ion Ratio Lower Upper

107 100

144 30.3 24.2 36.4

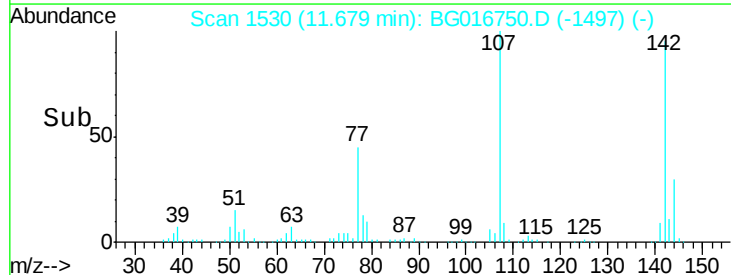
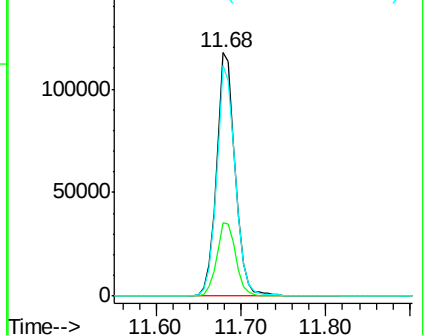
142 95.0 73.8 110.6

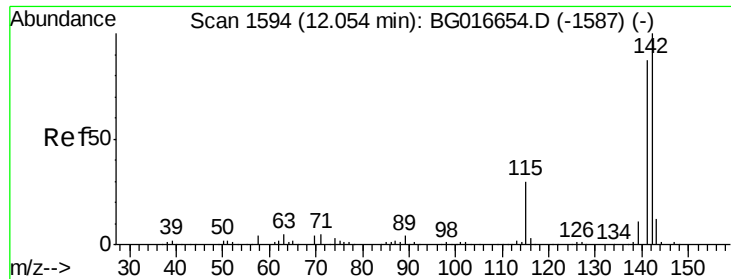


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG016654.D (-1528) (-)

Ion 142.00 (141.70 to 142.70): BG016654.D (-1528) (-)

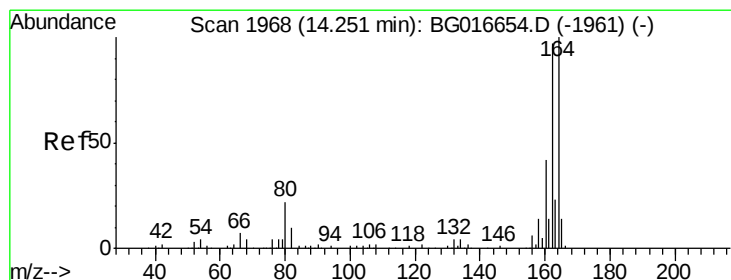
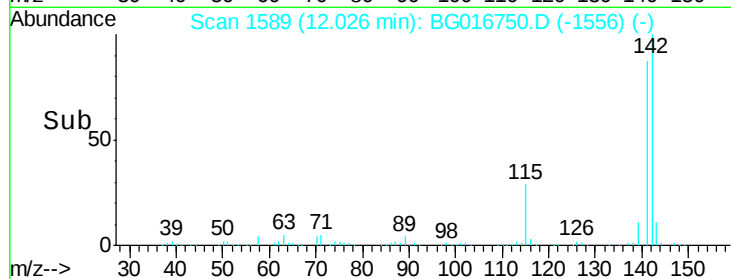
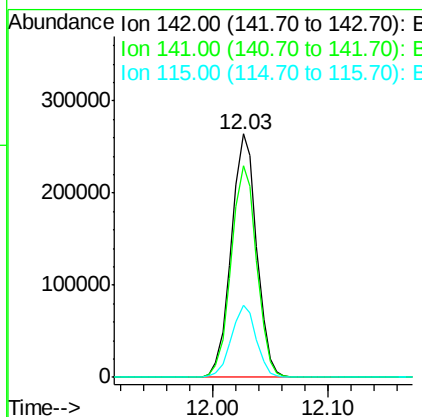
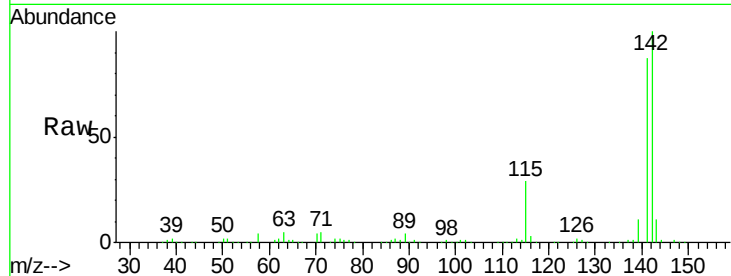




#37
 2-Methylnaphthalene
 Concen: 35.19 ng
 RT: 12.03 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

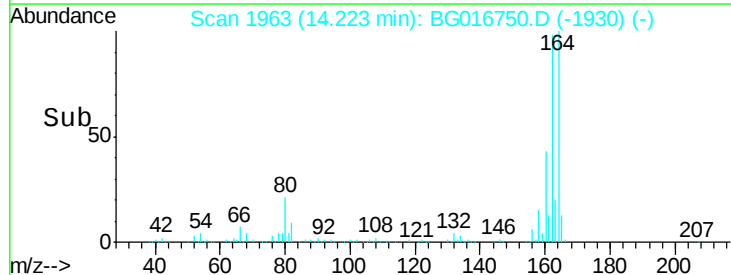
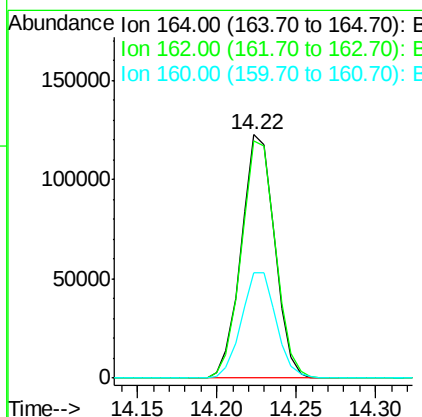
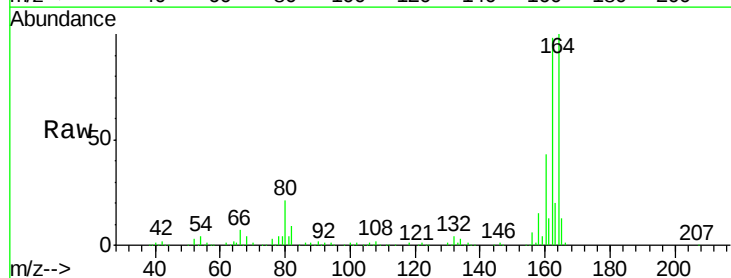
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

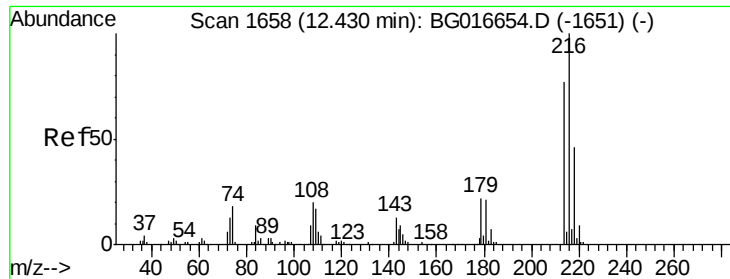
Tot Ion:142 Resp: 401669
 Ion Ratio Lower Upper
 142 100
 141 86.8 69.9 104.9
 115 29.4 24.0 36.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion:164 Resp: 178943
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.3 115.9
 160 43.3 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.59 ng

RT: 12.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tot Ion:216 Resp: 151704

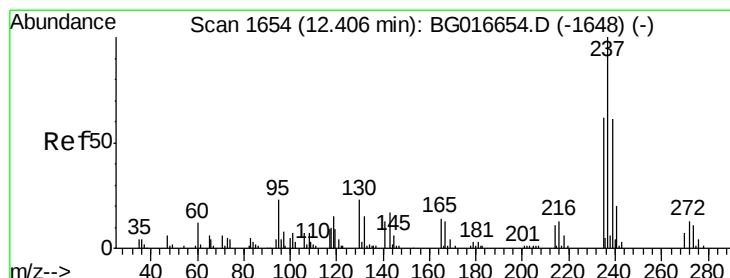
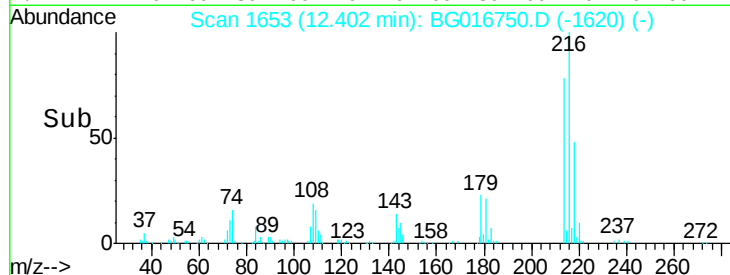
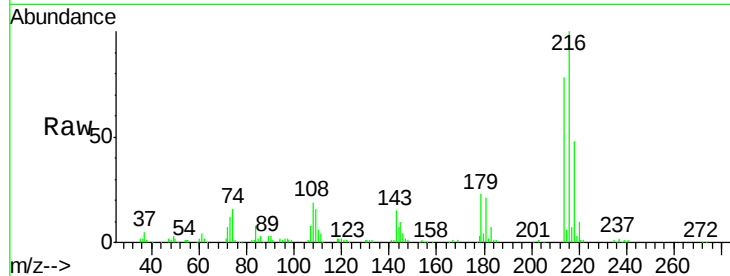
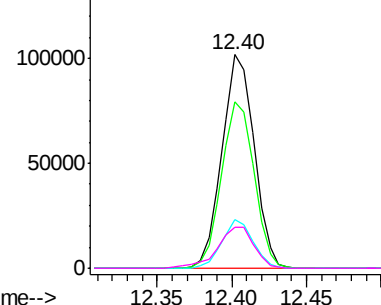
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	21.8	17.6	26.4
108	21.9	18.1	27.1

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: 44.94 ng

RT: 12.38 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

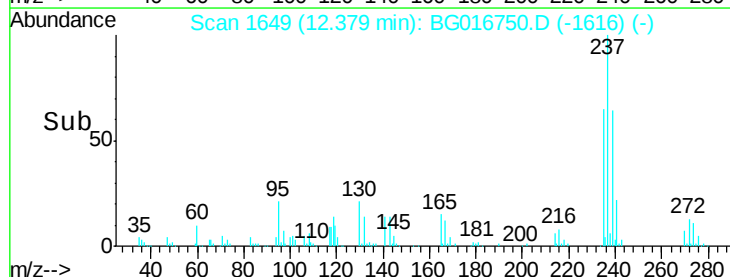
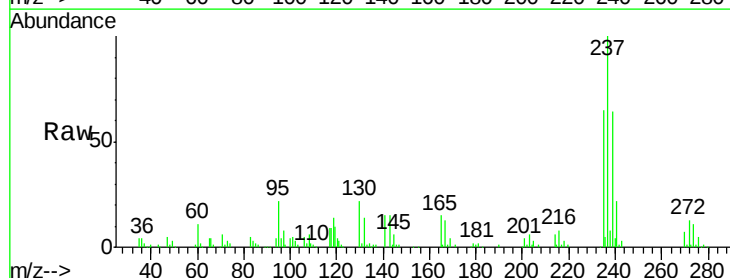
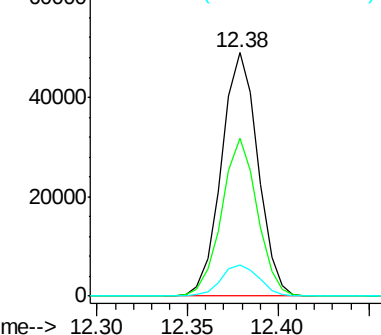
Tgt Ion:237 Resp: 68447

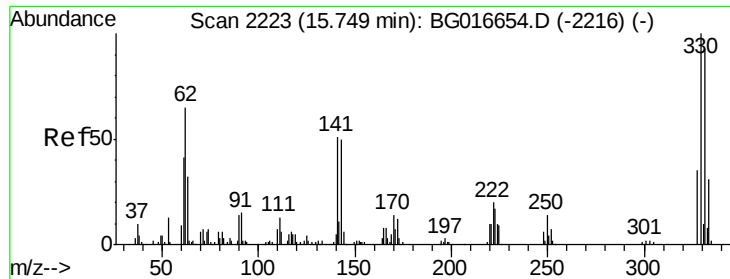
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.2	82.2
272	13.0	0.0	32.8

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

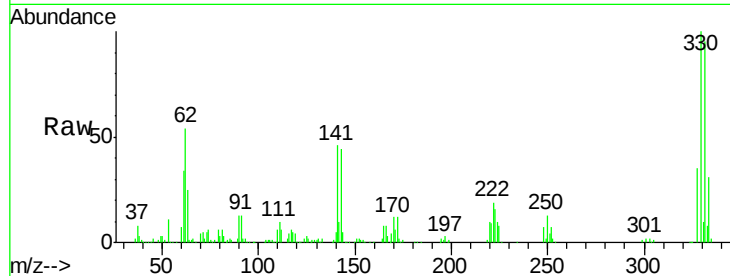




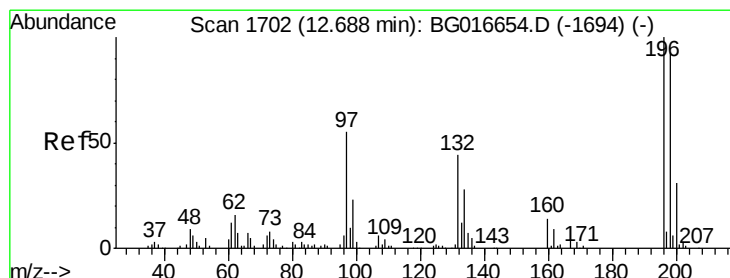
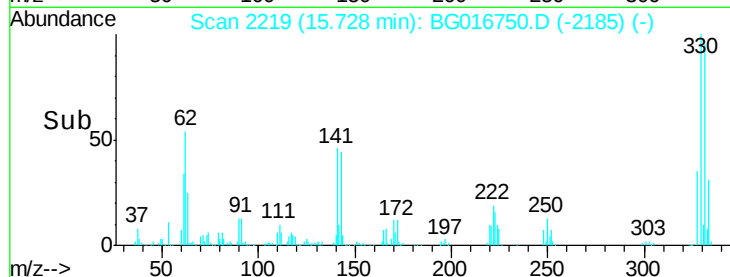
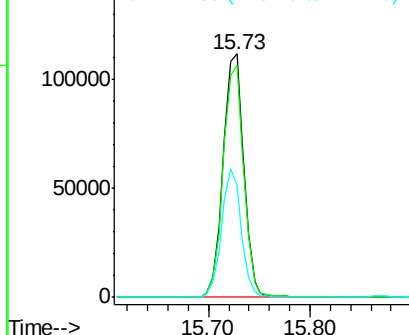
#41
 2,4,6-Tribromophenol
 Concen: 119.68 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	50.3	43.0	64.6

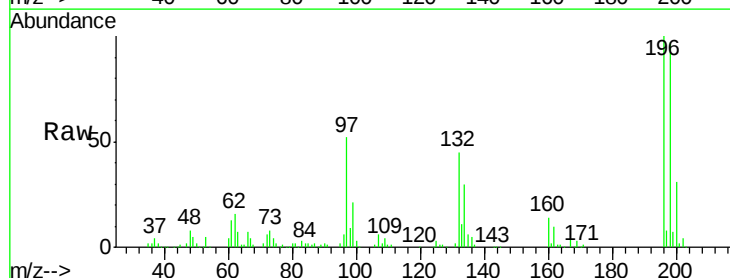


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

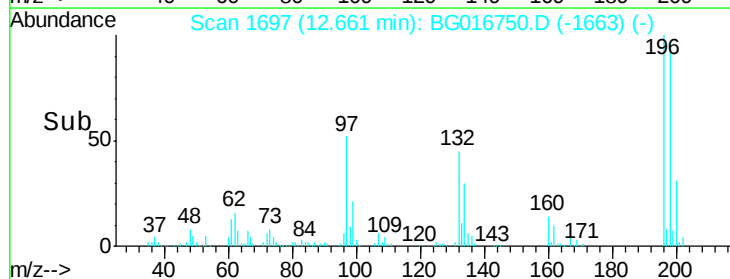
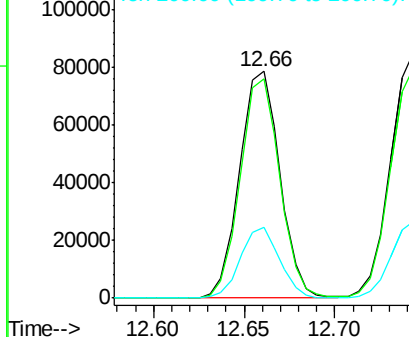


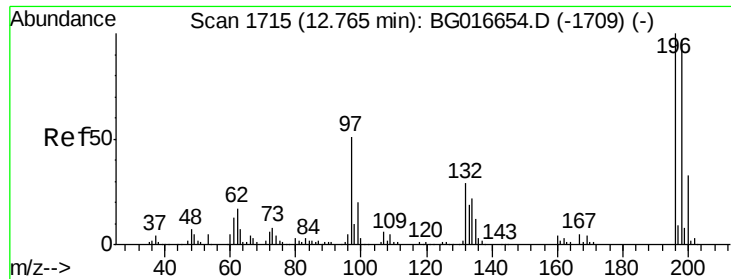
#42
 2,4,6-Trichlorophenol
 Concen: 39.05 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	111.8
200	31.4	24.6	37.0



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

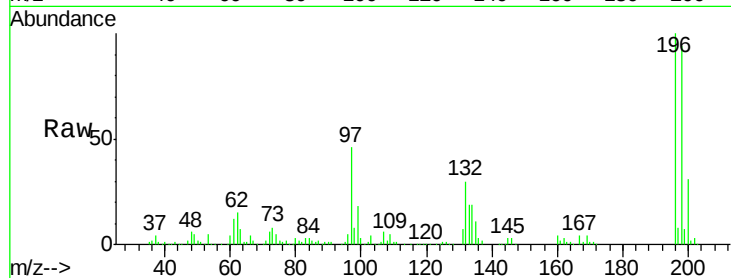




#43
 2,4,5-Trichlorophenol
 Concen: 40.20 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.4	116.0
97	46.0	40.9	61.3
132	30.1	23.2	34.8



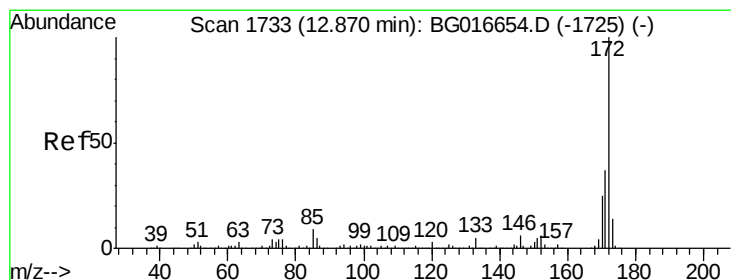
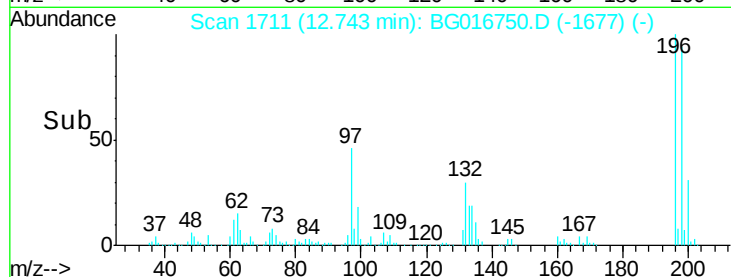
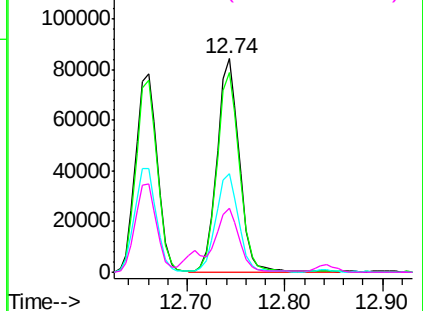
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

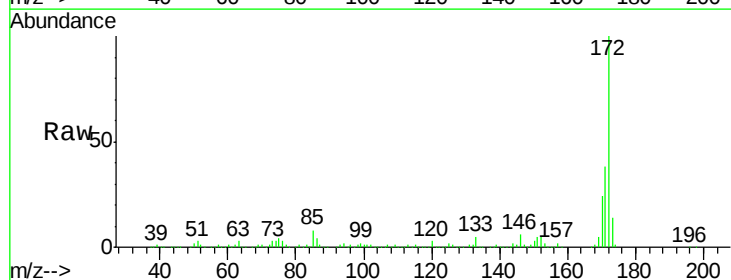
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.66 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.2	19.8	29.8

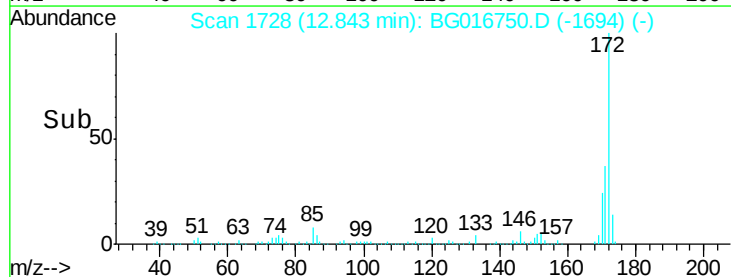
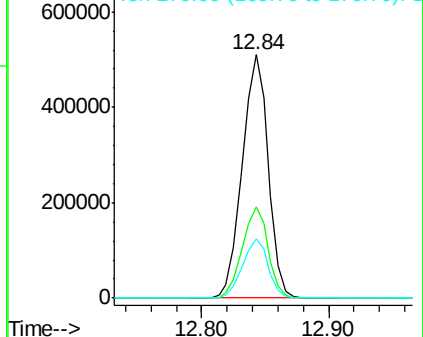


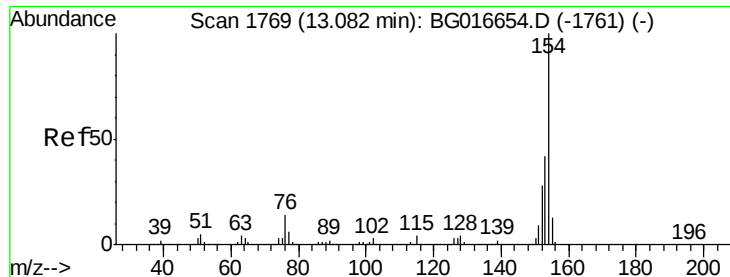
Abundance

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

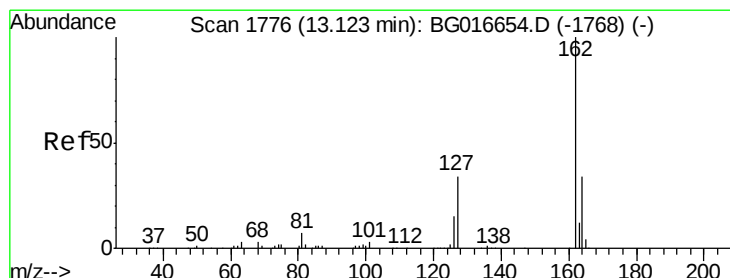
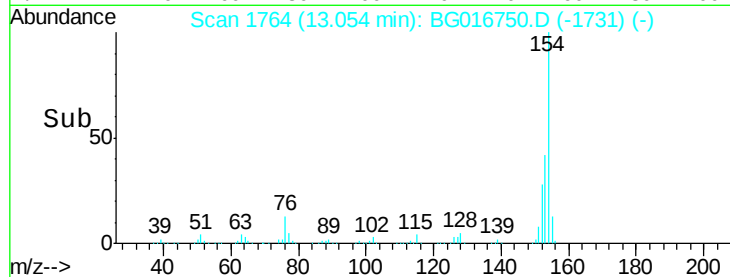
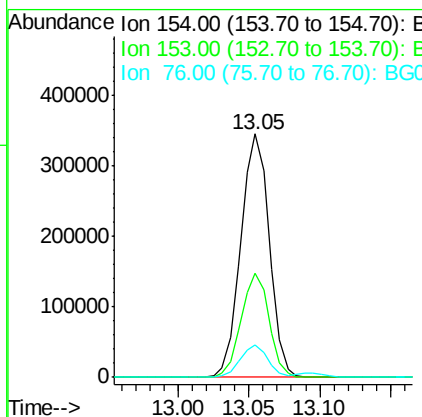
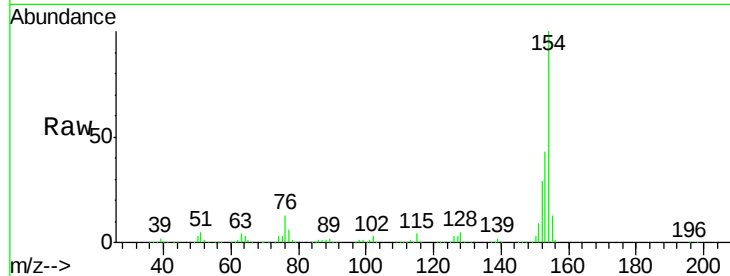




#45
 1,1'-Biphenyl
 Concen: 34.63 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

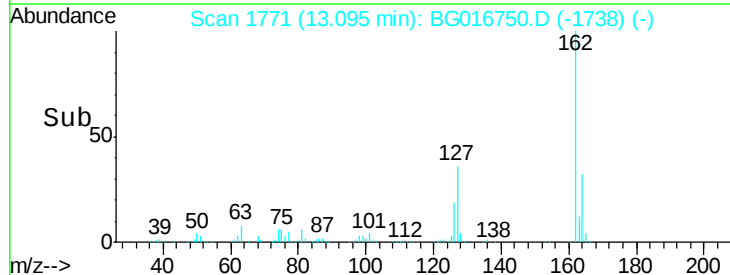
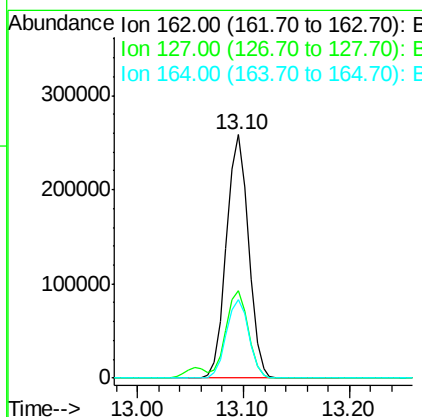
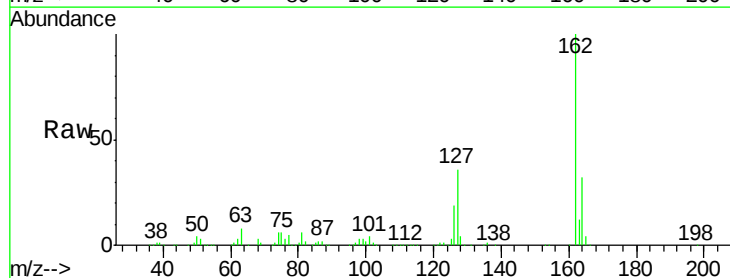
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

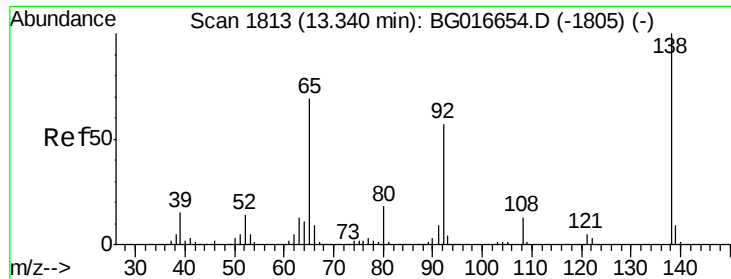
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.8	61.8
76	13.3	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 34.62 ng
 RT: 13.10 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	32.4	26.9	40.3

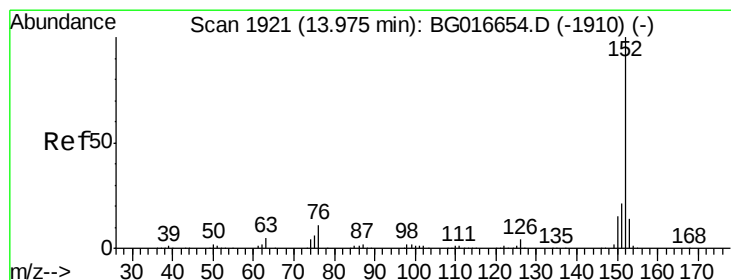
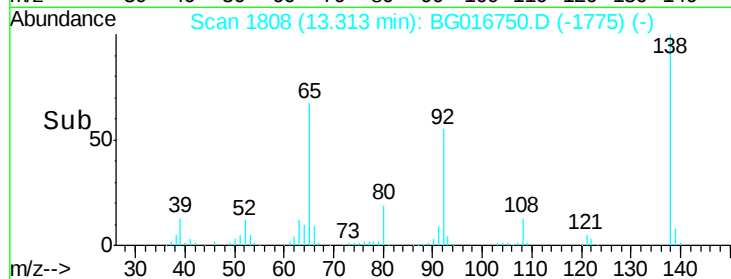
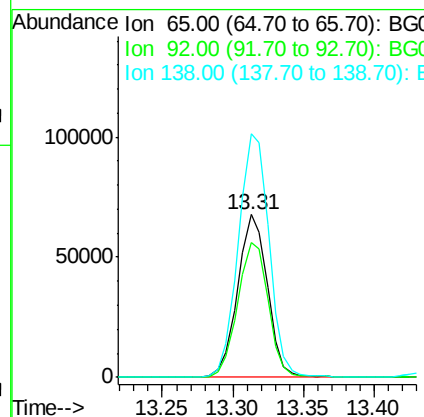
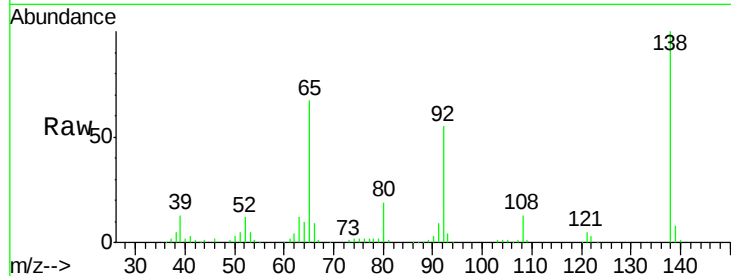




#47
 2-Nitroaniline
 Concen: 33.88 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

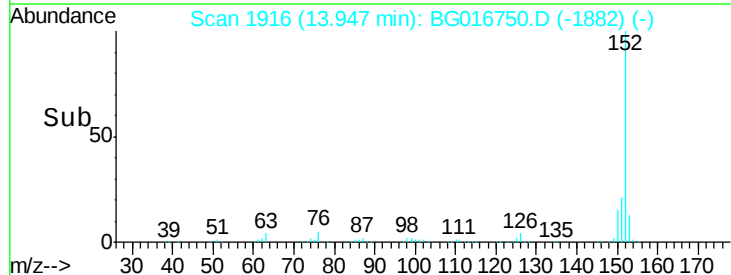
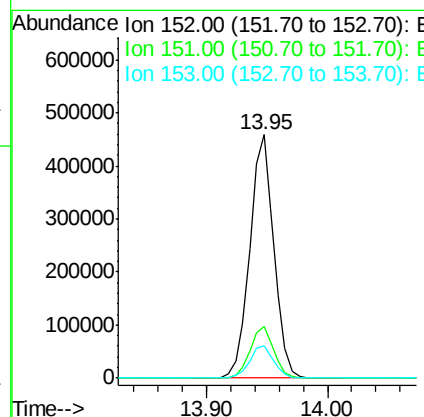
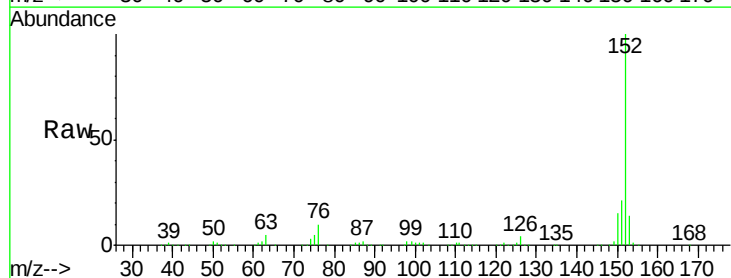
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

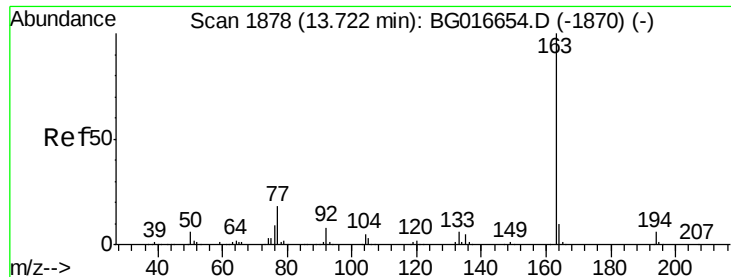
Tot Ion: 65 Resp: 99833
 Ion Ratio Lower Upper
 65 100
 92 83.1 65.9 98.9
 138 149.9 115.4 173.2



#48
 Acenaphthylene
 Concen: 33.50 ng
 RT: 13.95 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion: 152 Resp: 633791
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1
 153 13.5 11.0 16.6





#49

Dimethylphthalate

Concen: 37.87 ng

RT: 13.69 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

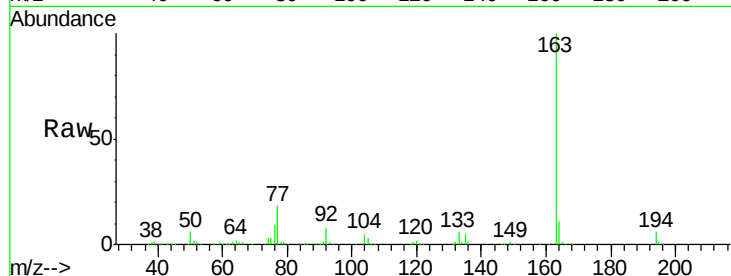
Tot Ion:163 Resp: 506921

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

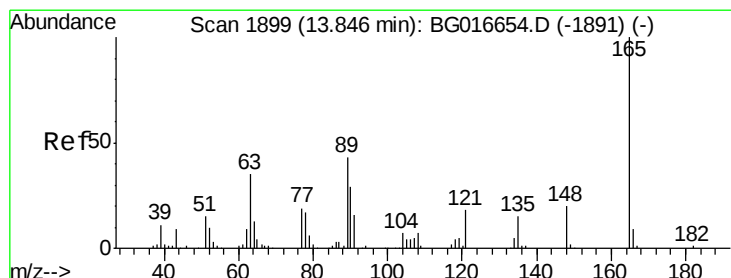
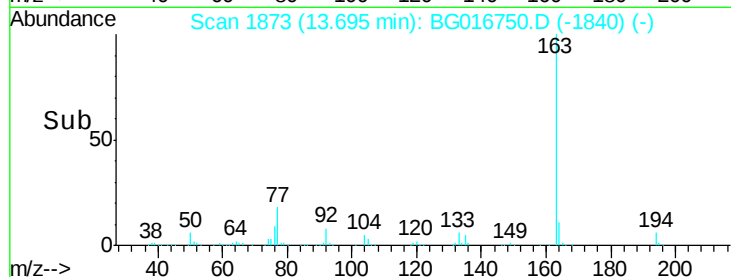
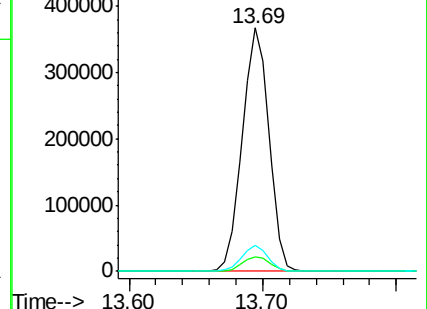
164 10.6 7.8 11.8



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: 35.82 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

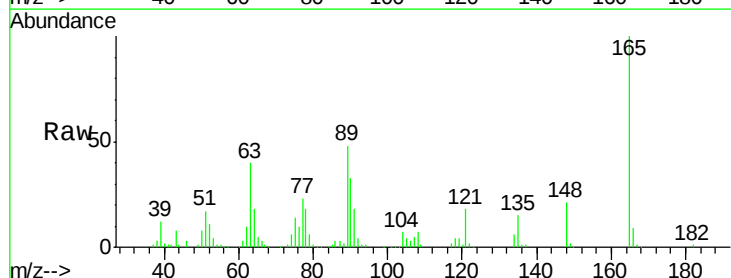
Tgt Ion:165 Resp: 117668

Ion Ratio Lower Upper

165 100

63 39.8 31.5 47.3

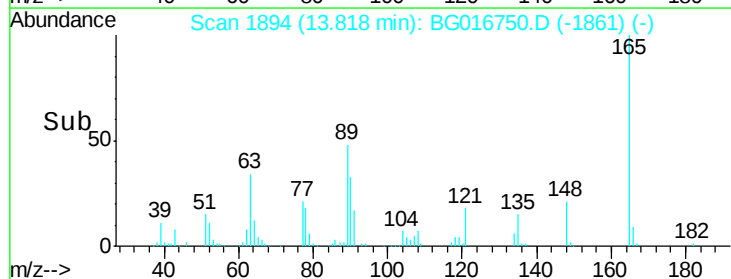
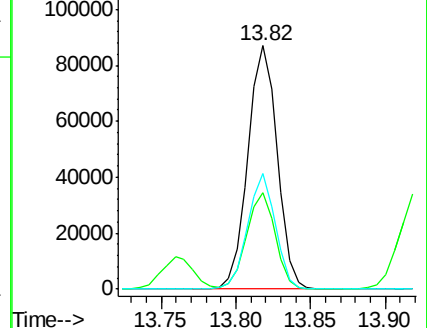
89 47.6 34.7 52.1

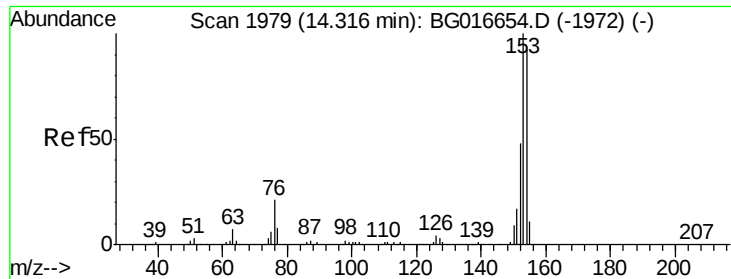


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 34.19 ng

RT: 14.29 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

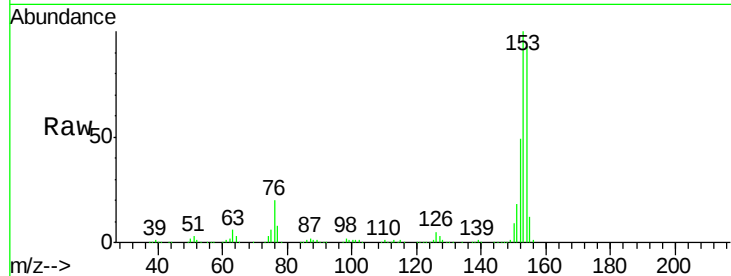
Tot Ion:154 Resp: 388238

Ion Ratio Lower Upper

154 100

153 107.2 87.0 130.6

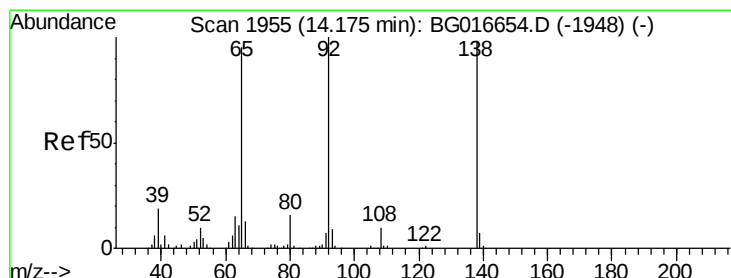
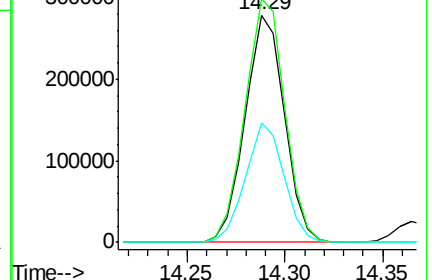
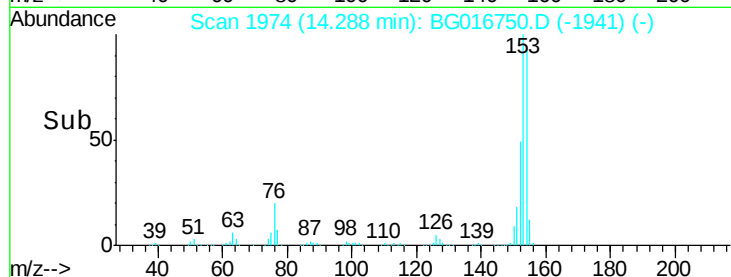
152 52.4 41.6 62.4



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: 20.20 ng

RT: 14.15 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

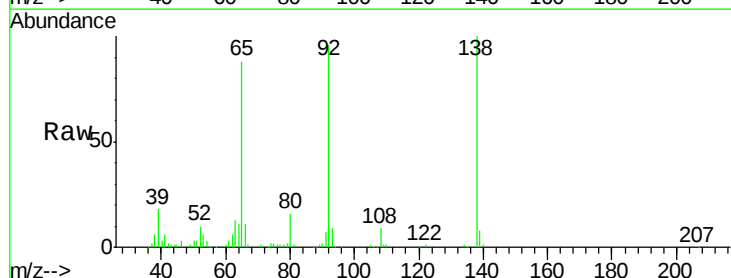
Tgt Ion:138 Resp: 80199

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

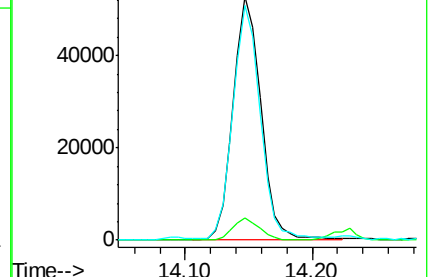
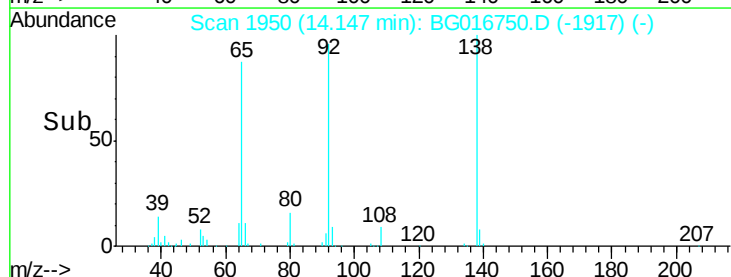
92 96.4 81.9 122.9

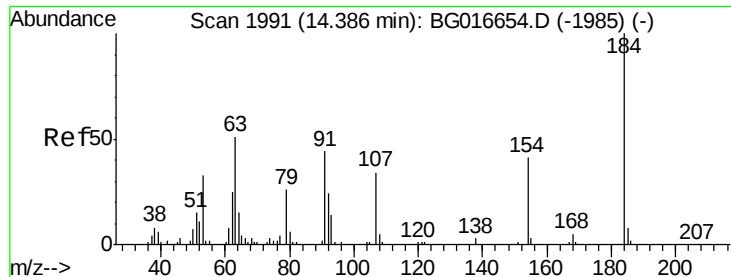


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

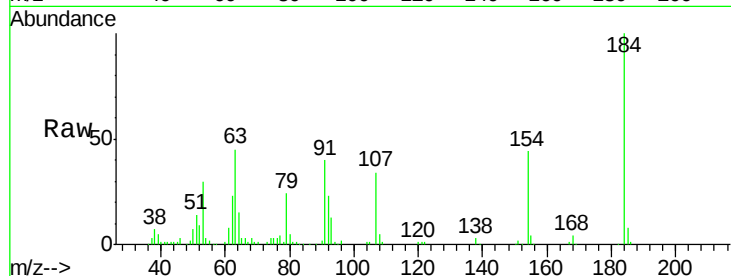




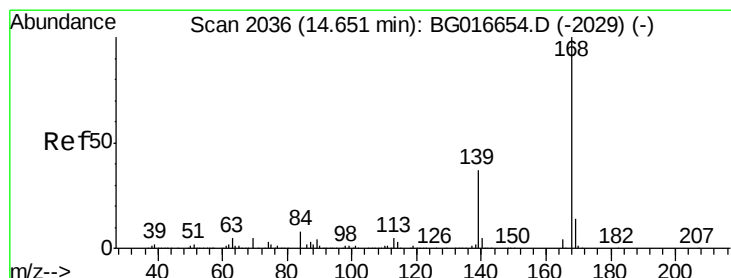
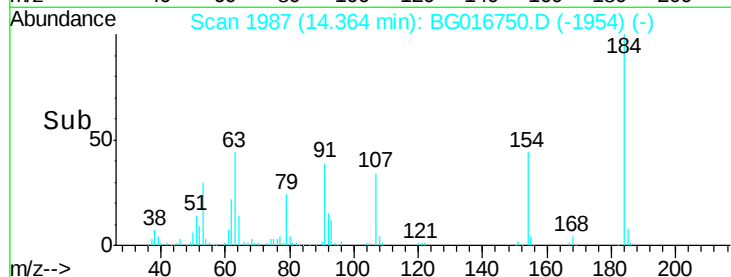
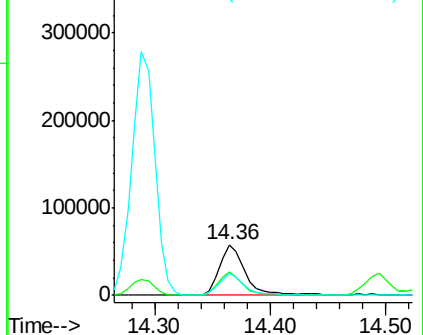
#53
2,4-Dinitrophenol
Concen: 53.39 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion:184 Resp: 90358
Ion Ratio Lower Upper
184 100
63 45.1 40.7 61.1
154 44.1 34.1 51.1

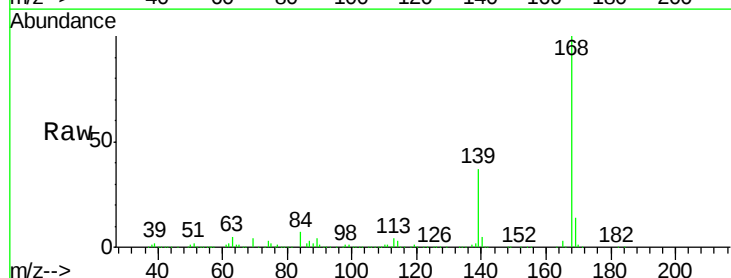


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

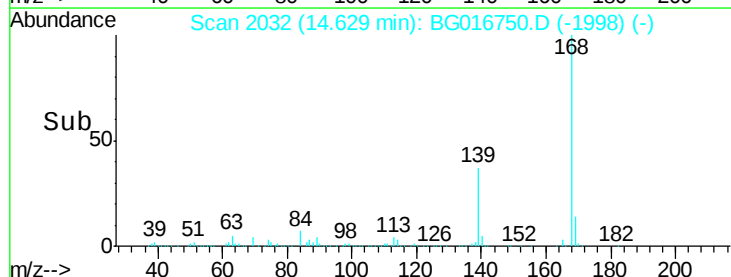
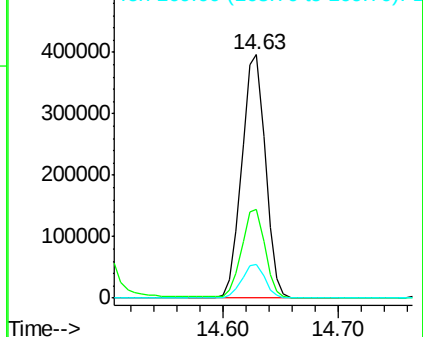


#54
Dibenzofuran
Concen: 35.03 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:168 Resp: 561117
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8
169 13.8 11.0 16.4



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: 68.54 ng

RT: 14.49 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampled :

SB-2MSD

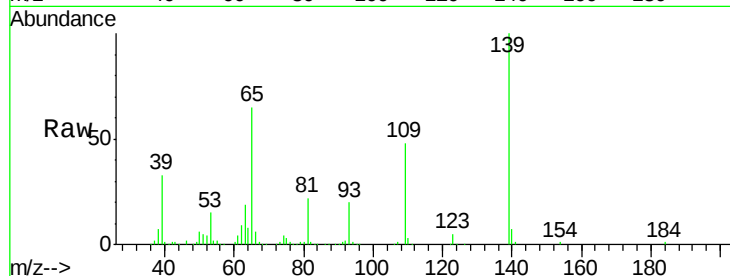
Tot Ion:139 Resp: 203907

Ion Ratio Lower Upper

139 100

109 48.4 27.8 67.8

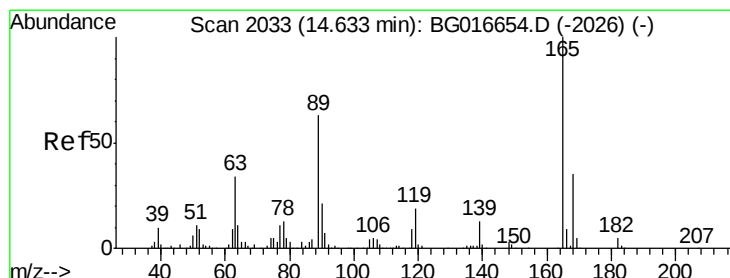
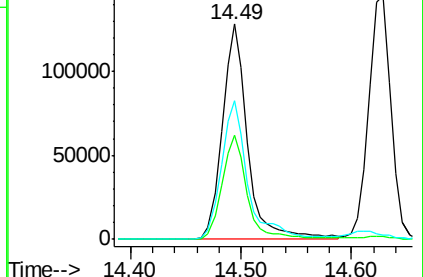
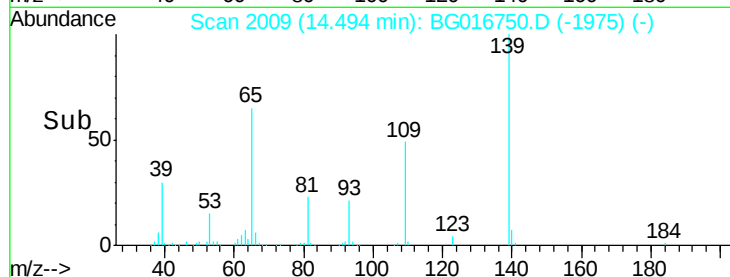
65 64.7 46.3 86.3



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: 36.91 ng

RT: 14.61 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Tgt Ion:165 Resp: 166046

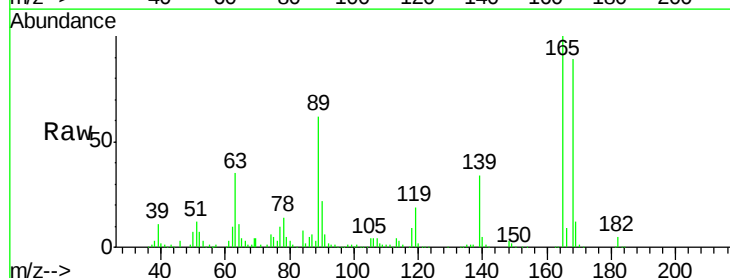
Ion Ratio Lower Upper

165 100

63 35.0 27.4 41.0

89 61.9 50.6 75.8

182 4.7 3.9 5.9

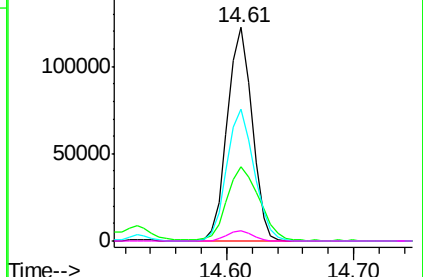
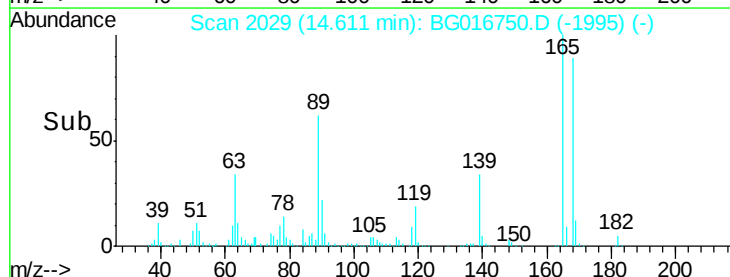


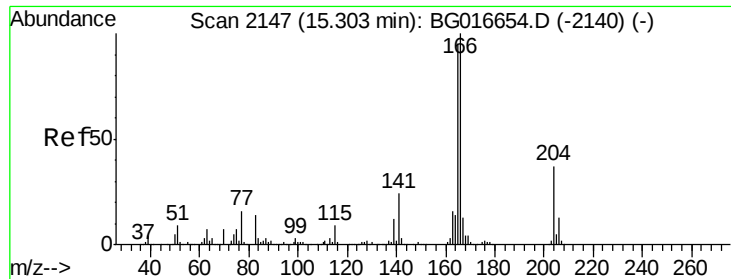
Abundance Ion 165.00 (164.70 to 165.70): E

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

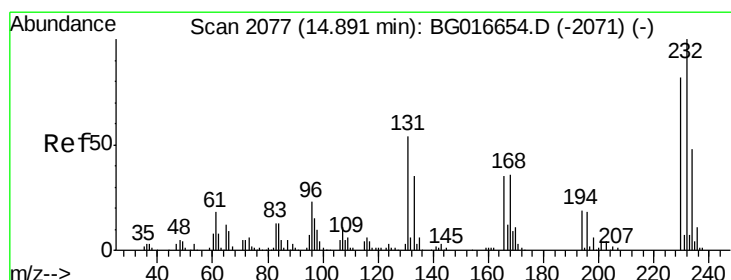
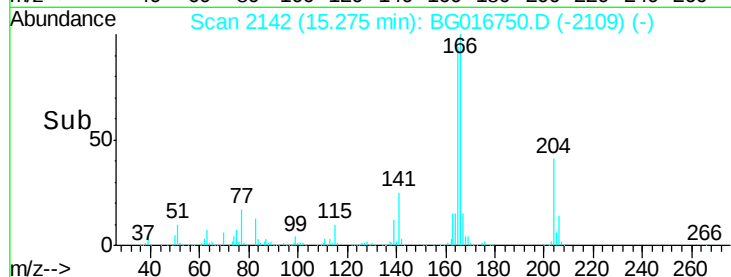
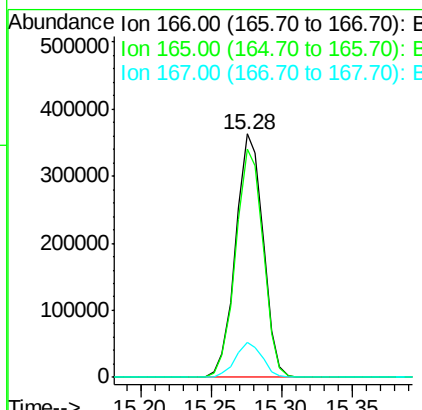
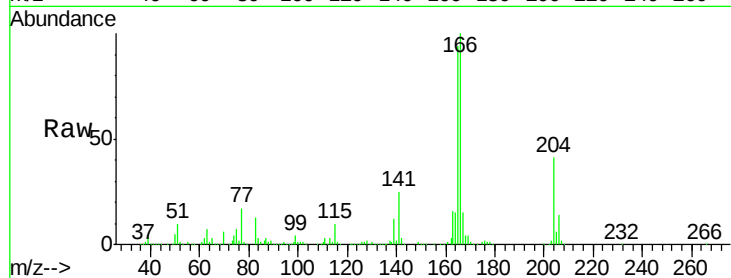




#57
 Fluorene
 Concen: 35.00 ng
 RT: 15.28 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

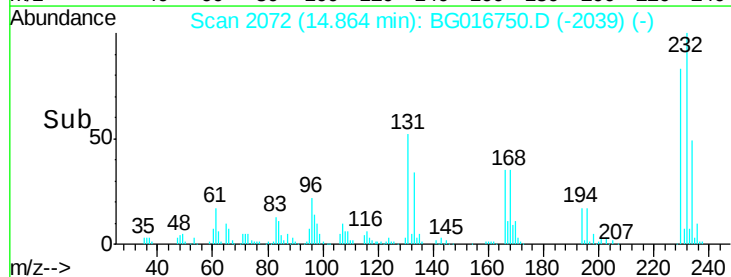
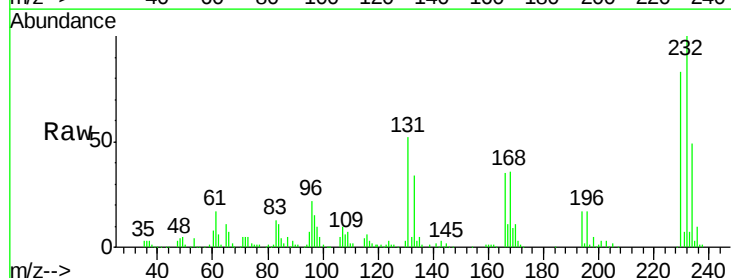
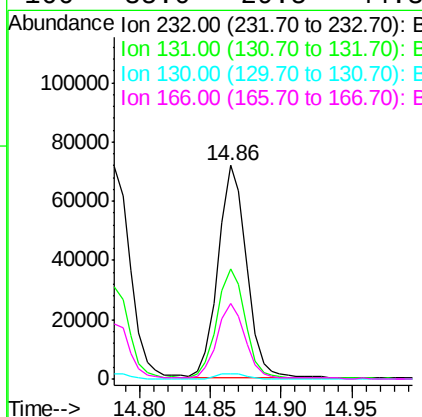
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

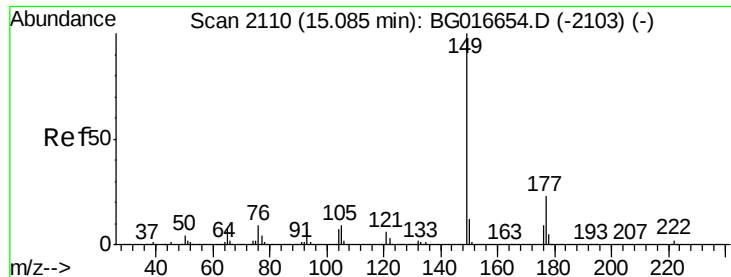
Tot Ion	166	Resp	489998
Ion Ratio	100		
Lower	75.6		
Upper	113.4		
165	93.7		
167	14.6		



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.37 ng
 RT: 14.86 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion	232	Resp	100691
Ion Ratio	100		
Lower	43.9		
Upper	65.9		
131	53.0		
130	2.7		
166	35.0		

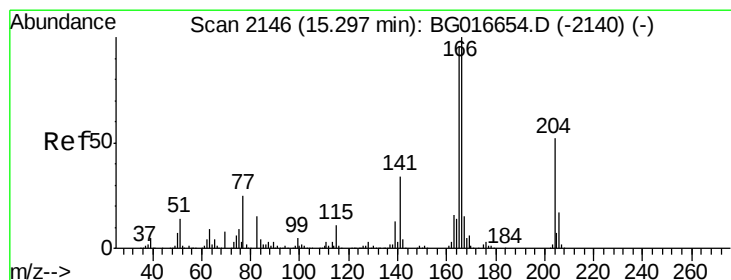
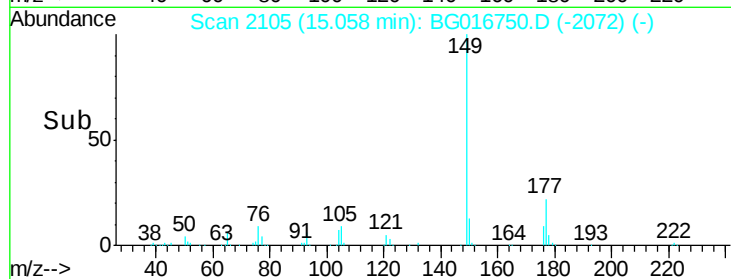
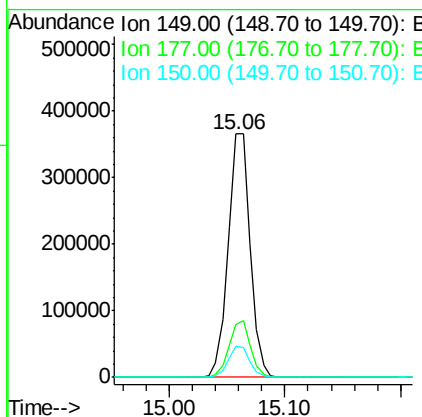
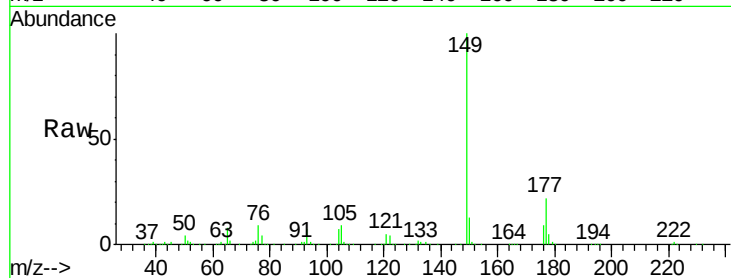




#59
Diethylphthalate
Concen: 34.50 ng
RT: 15.06 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

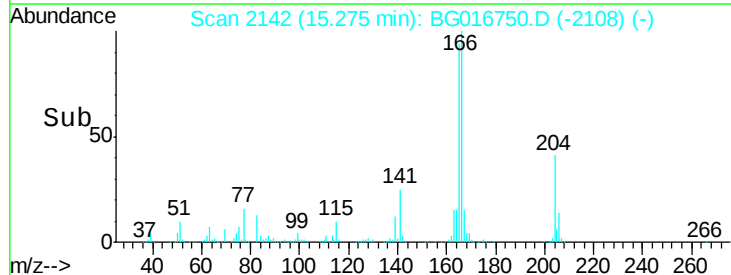
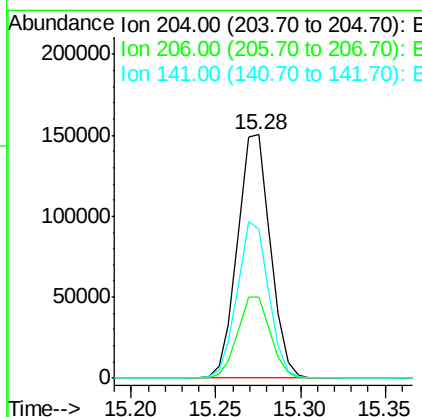
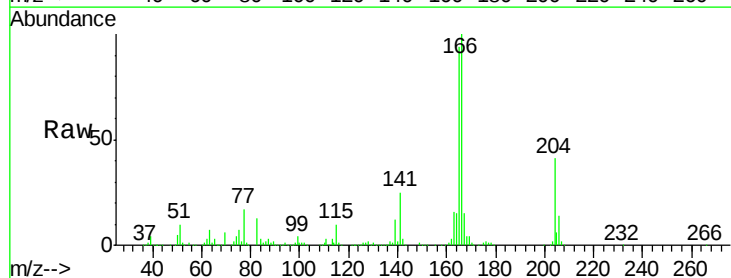
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

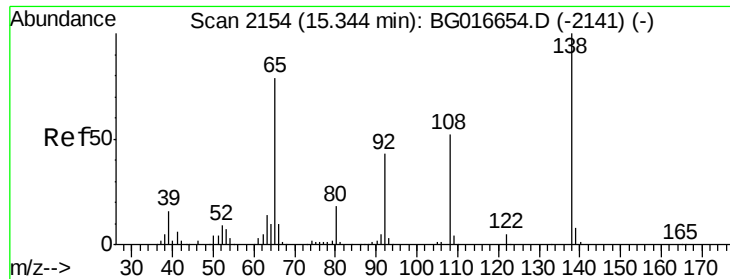
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.2	27.2
150	12.9	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 34.86 ng
RT: 15.28 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.4
141	61.3	52.3	78.5

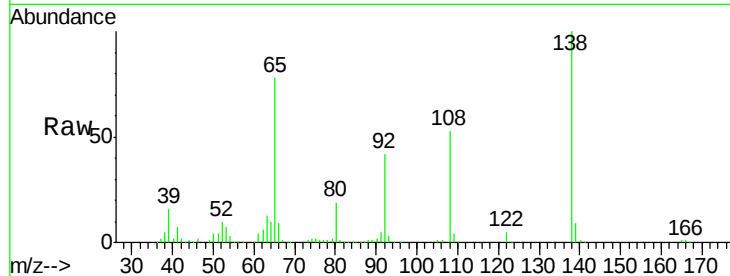




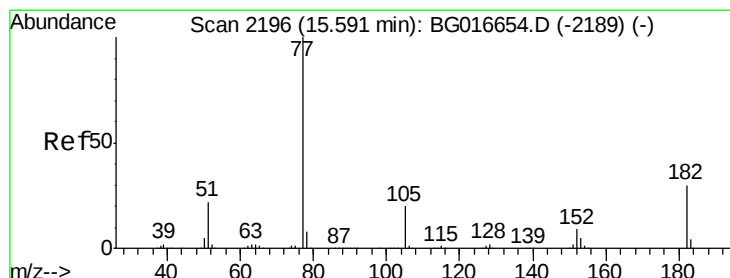
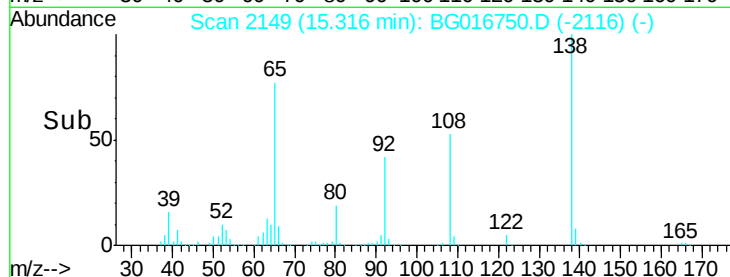
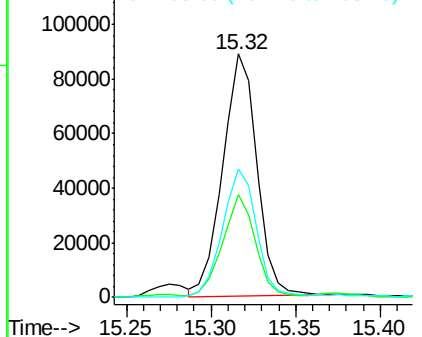
#61
4-Nitroaniline
Concen: 28.30 ng
RT: 15.32 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion:138 Resp: 124304
Ion Ratio Lower Upper
138 100
92 42.4 23.1 63.1
108 52.6 31.7 71.7

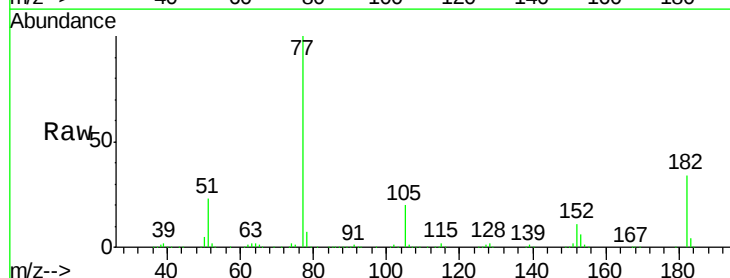


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

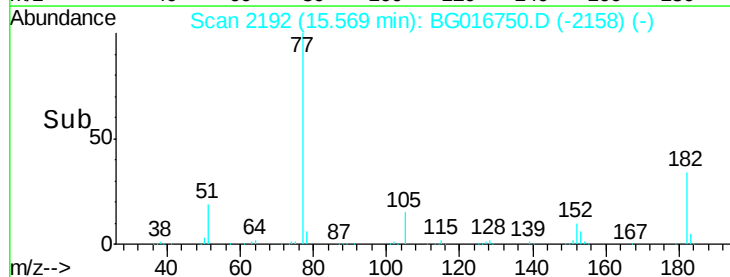
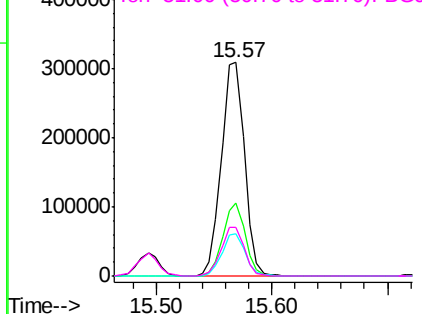


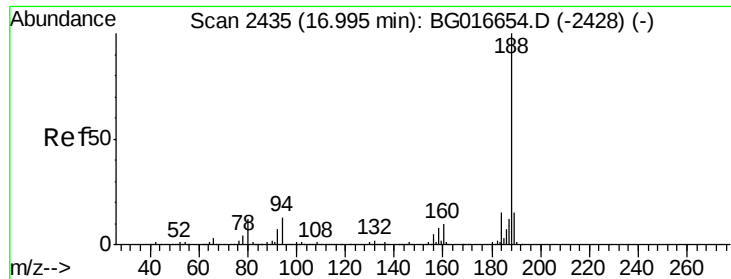
#62
Azobenzene
Concen: 33.60 ng
RT: 15.57 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion: 77 Resp: 428056
Ion Ratio Lower Upper
77 100
182 34.0 9.8 49.8
105 19.9 0.0 39.5
51 22.5 1.9 41.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

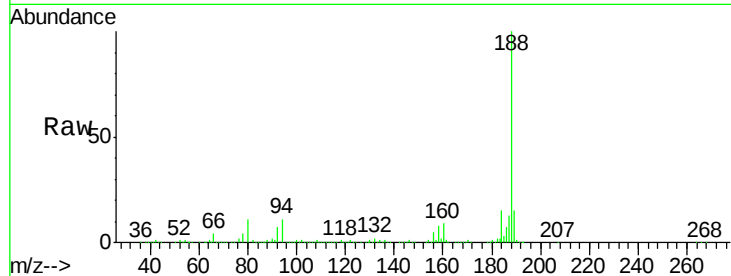
Tot Ion:188 Resp: 367792

Ion Ratio Lower Upper

188 100

94 11.3 10.7 16.1

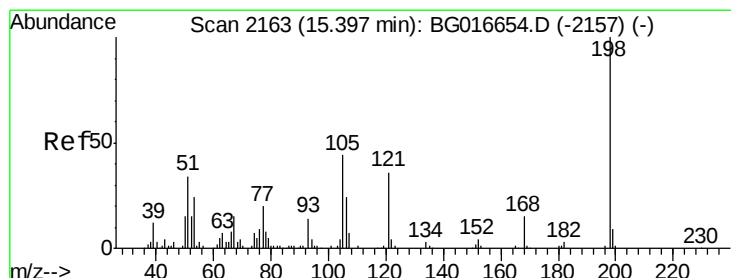
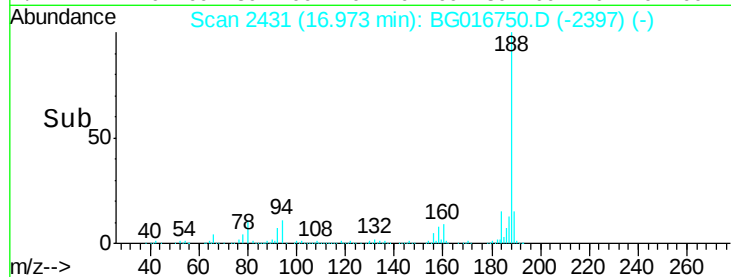
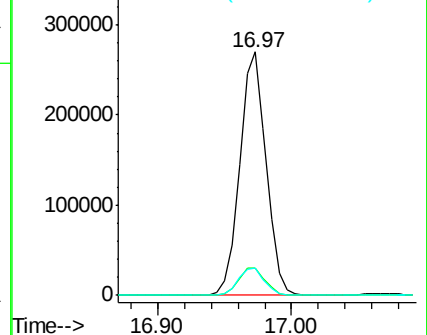
80 11.1 9.9 14.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 33.34 ng

RT: 15.38 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

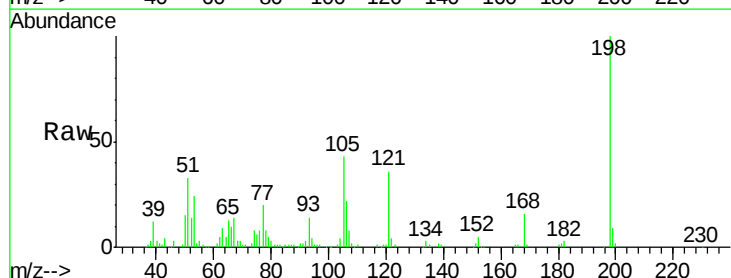
Tgt Ion:198 Resp: 82969

Ion Ratio Lower Upper

198 100

51 33.2 14.9 54.9

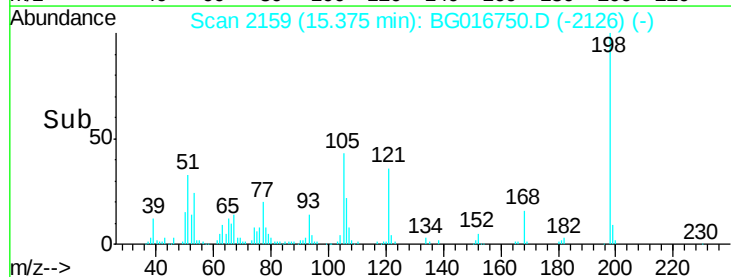
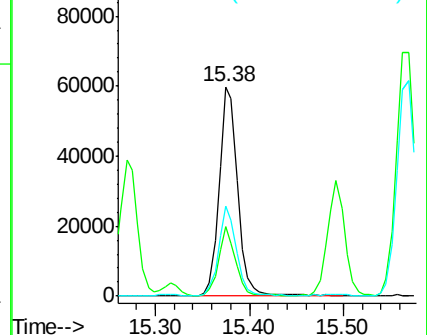
105 42.9 24.6 64.6

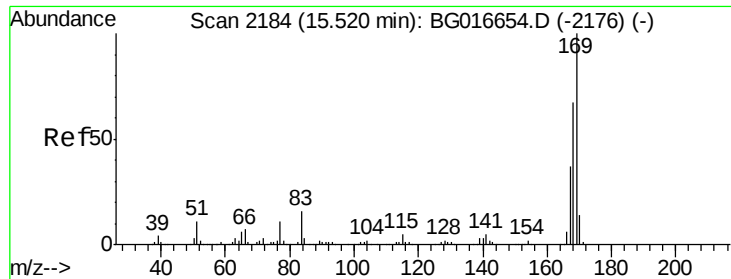


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

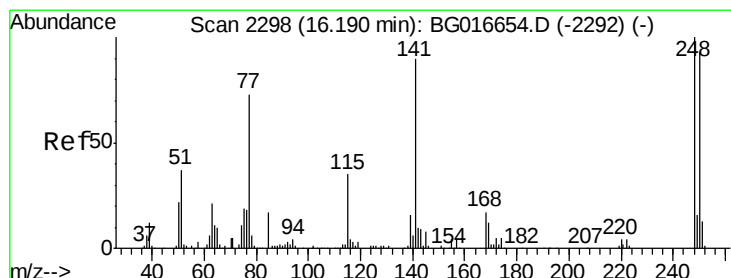
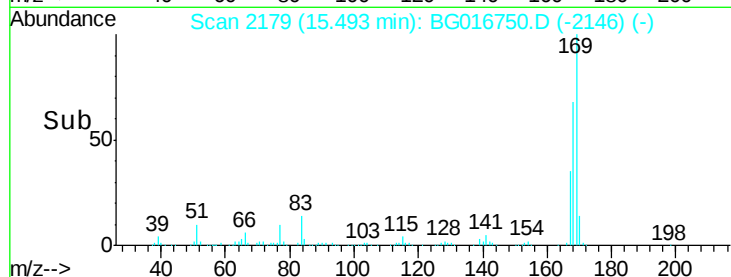
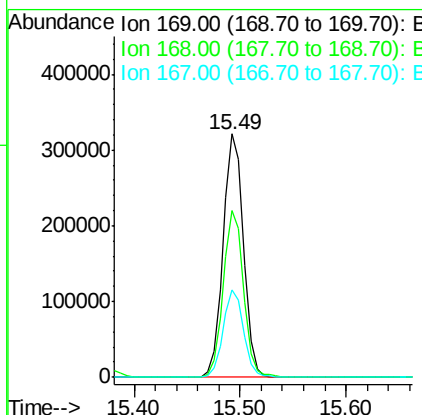
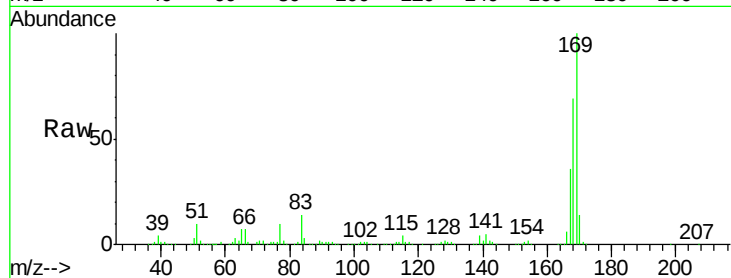




#65
 n-Nitrosodiphenylamine
 Concen: 34.08 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

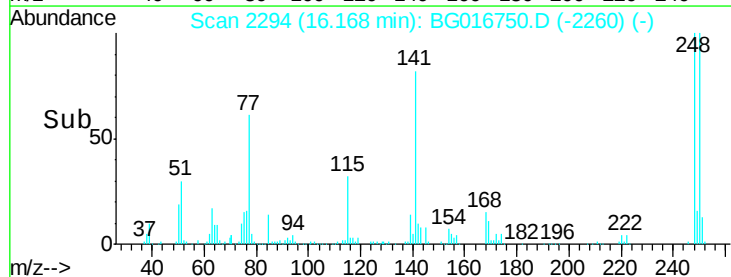
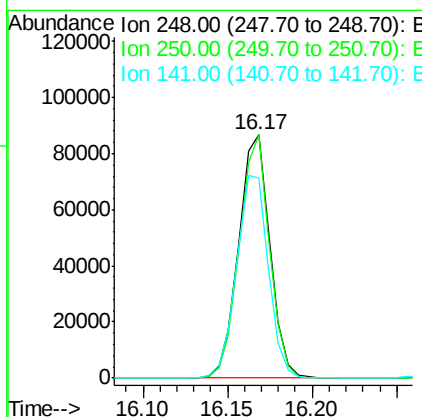
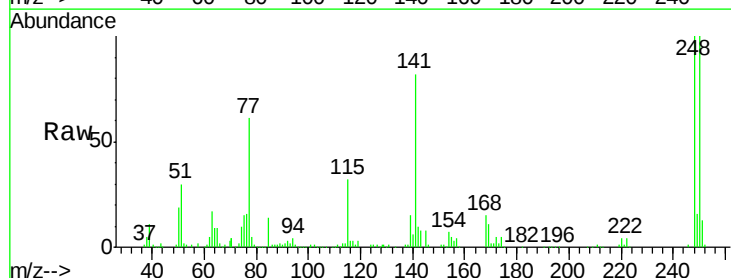
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

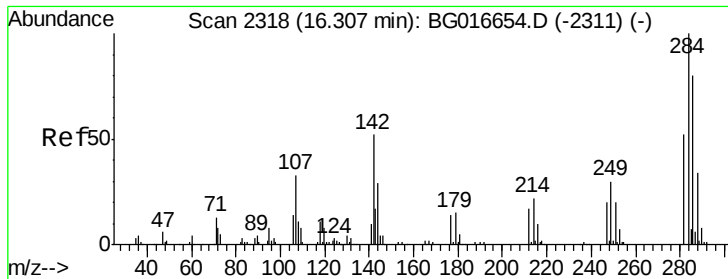
Tot Ion:169 Resp: 429745
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.6 80.4
 167 35.7 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 36.38 ng
 RT: 16.17 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion:248 Resp: 111803
 Ion Ratio Lower Upper
 248 100
 250 100.0 74.8 112.2
 141 82.1 72.0 108.0





#67

Hexachlorobenzene

Concen: 37.25 ng

RT: 16.28 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampled :

SB-2MSD

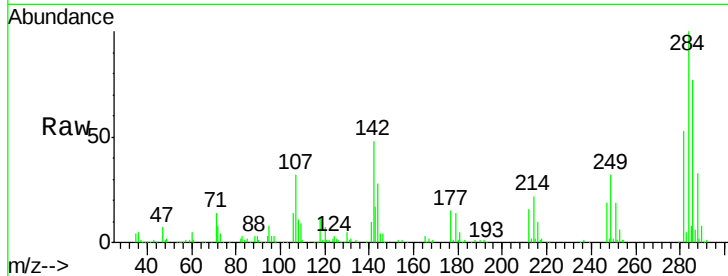
Tot Ion:284 Resp: 117736

Ion Ratio Lower Upper

284 100

142 48.5 41.5 62.3

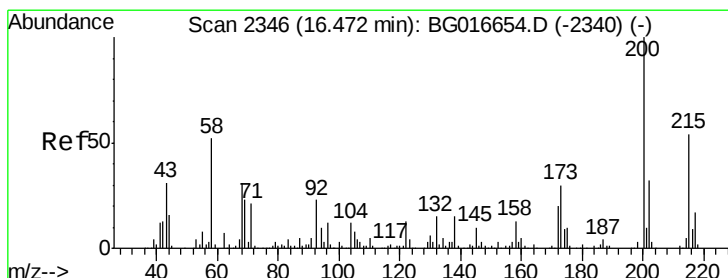
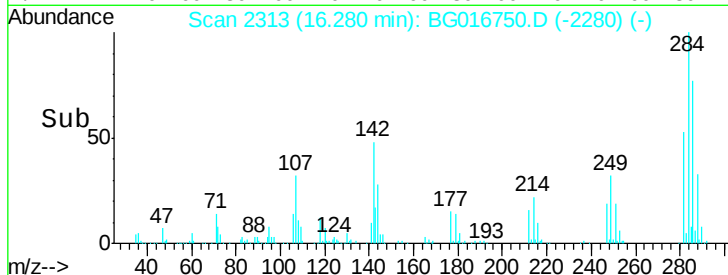
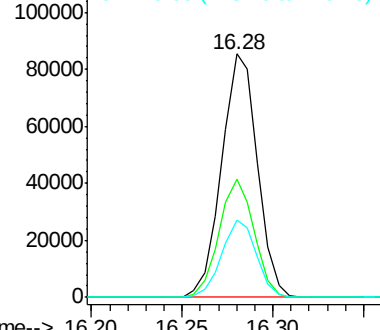
249 31.6 24.2 36.4



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: 42.40 ng

RT: 16.45 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

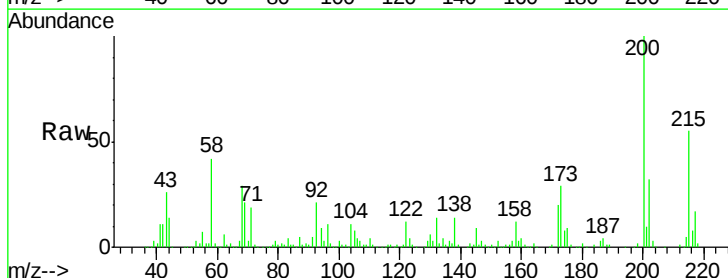
Tgt Ion:200 Resp: 143531

Ion Ratio Lower Upper

200 100

173 29.0 9.8 49.8

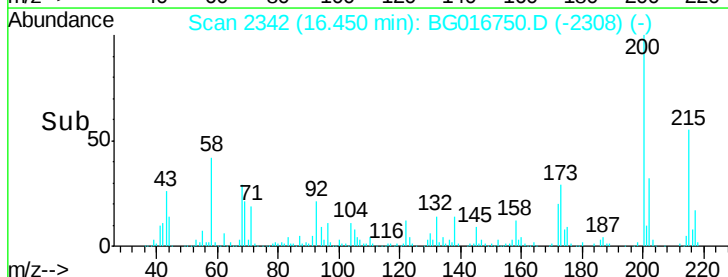
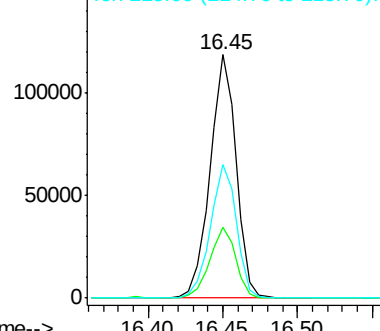
215 55.0 33.7 73.7

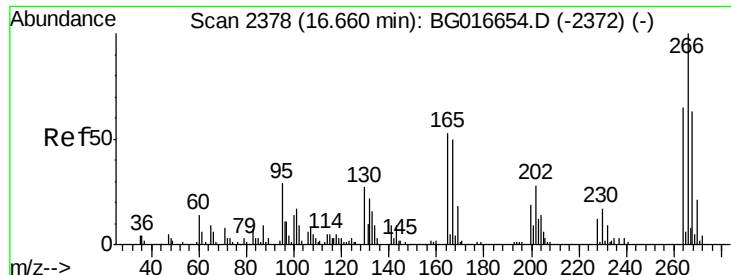


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

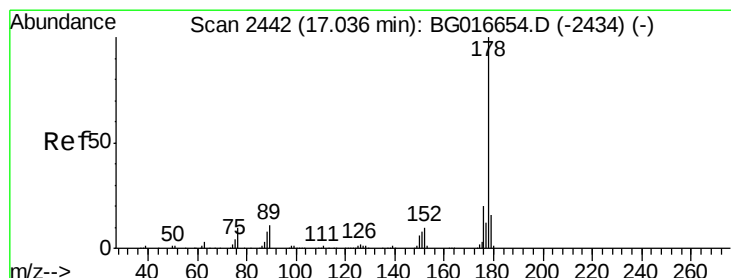
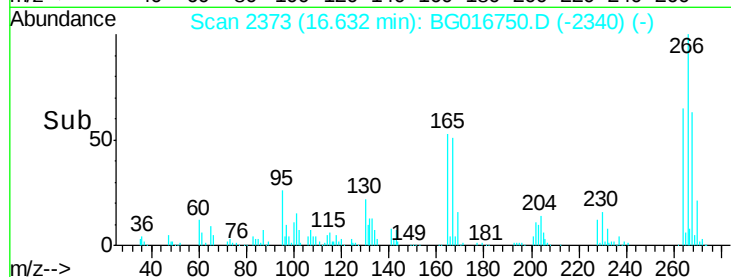
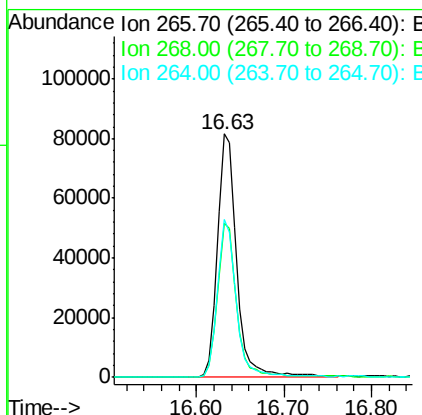
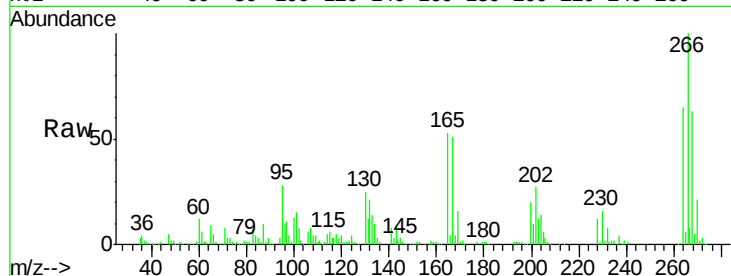




#69
 Pentachlorophenol
 Concen: 82.09 ng
 RT: 16.63 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

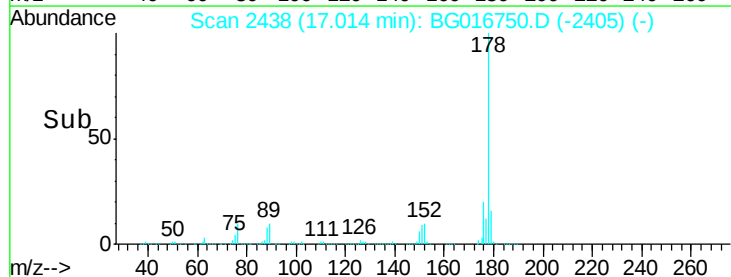
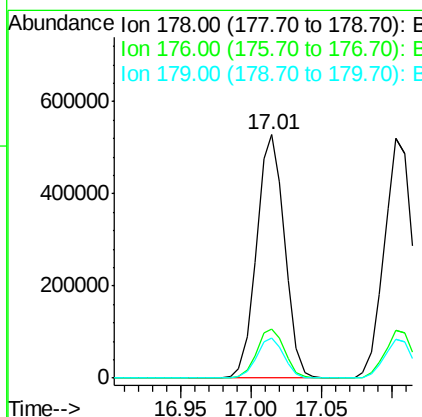
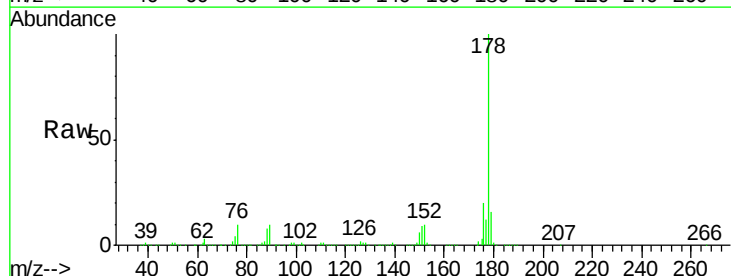
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

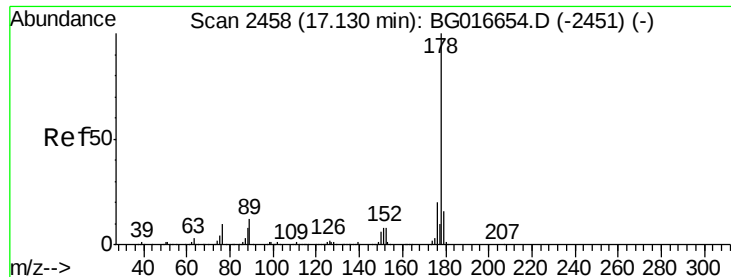
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	64.9	51.8	77.6



#70
 Phenanthrene
 Concen: 34.91 ng
 RT: 17.01 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.4	12.8	19.2

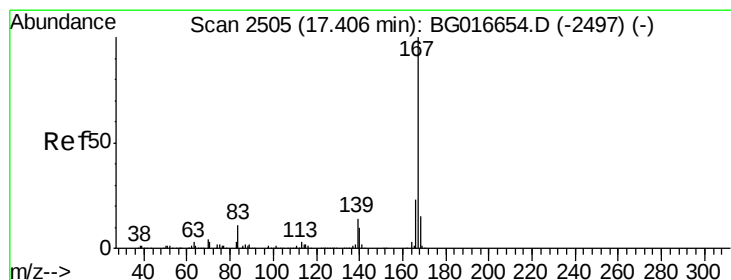
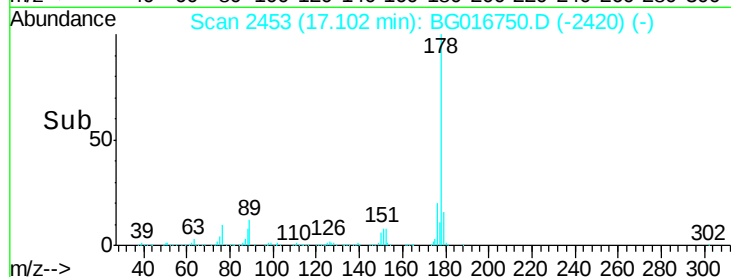
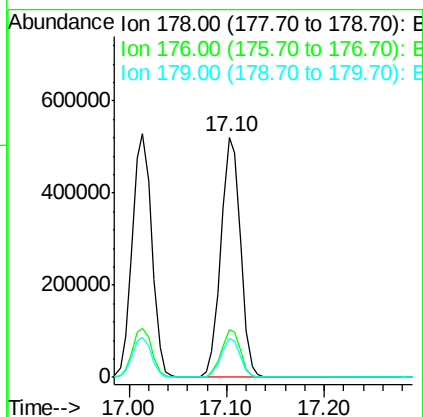
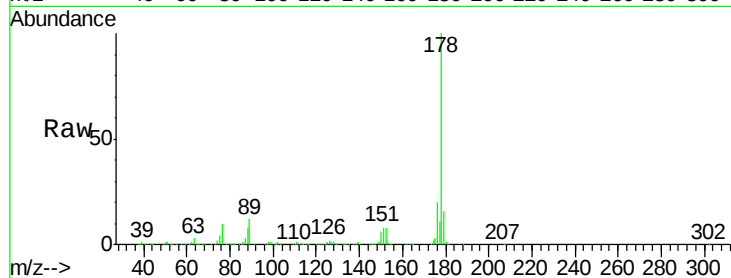




#71
 Anthracene
 Concen: 34.52 ng
 RT: 17.10 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

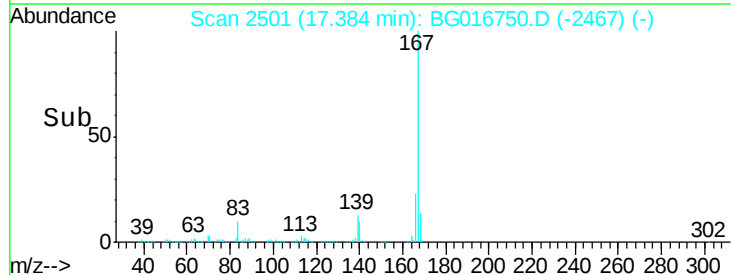
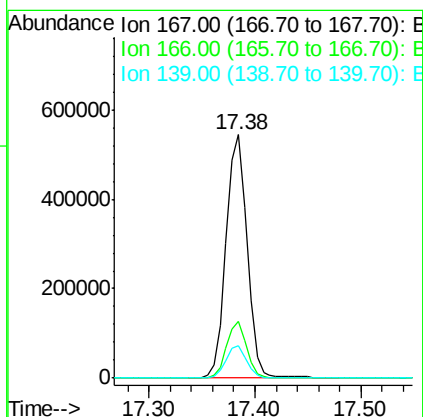
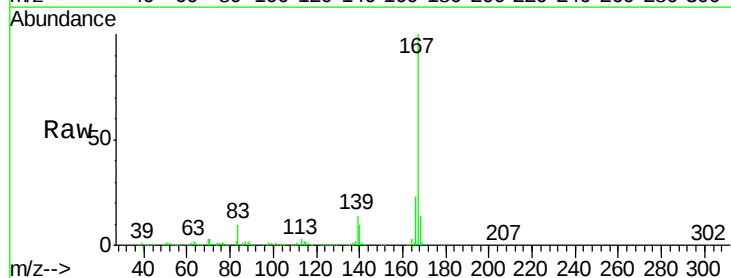
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

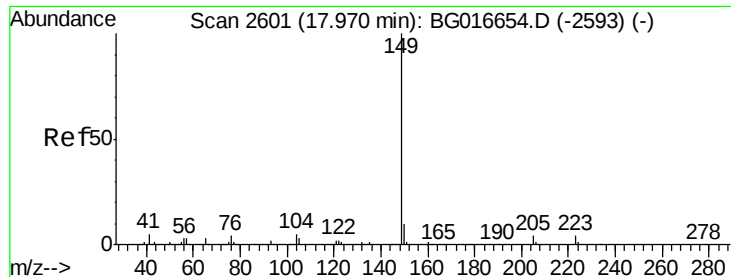
Tot Ion:178 Resp: 725545
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.1 12.9 19.3



#72
 Carbazole
 Concen: 35.80 ng
 RT: 17.38 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion:167 Resp: 753734
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 13.5 11.1 16.7

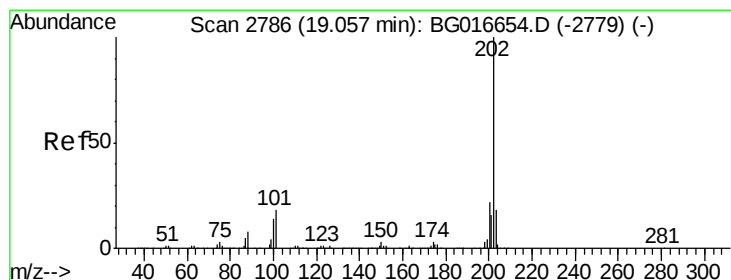
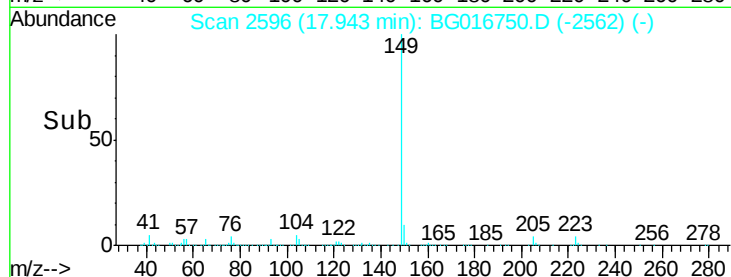
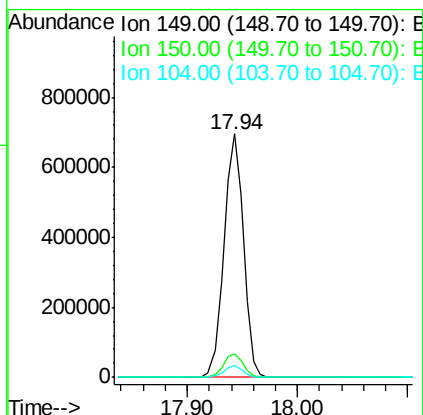
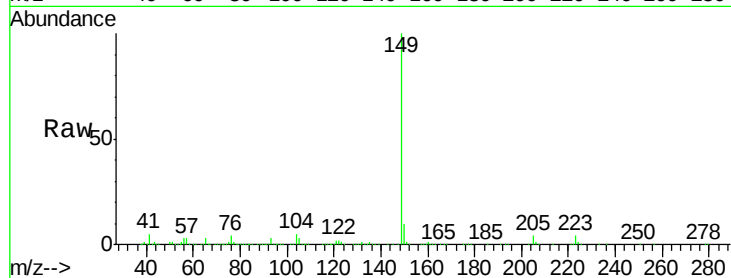




#73
Di-n-butylphthalate
Concen: 34.22 ng
RT: 17.94 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

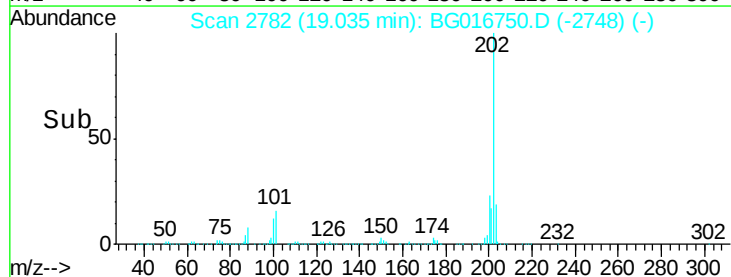
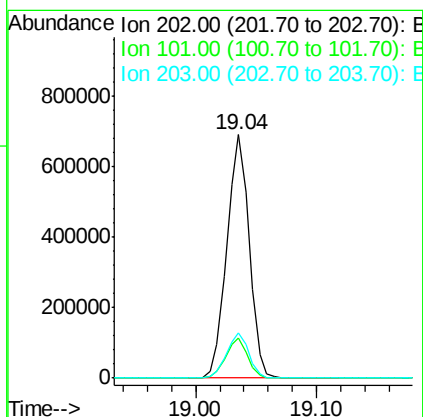
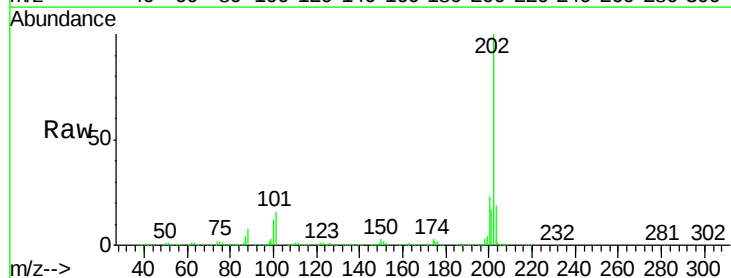
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

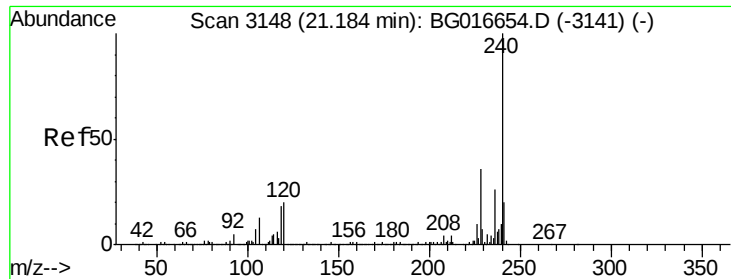
Tot Ion:149 Resp: 858777
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.8 3.6 5.4



#74
Fluoranthene
Concen: 39.81 ng
RT: 19.04 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:202 Resp: 891345
Ion Ratio Lower Upper
202 100
101 16.4 0.0 38.1
203 18.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

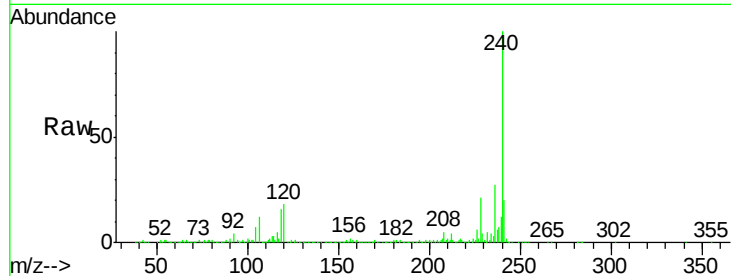
Tot Ion:240 Resp: 339603

Ion Ratio Lower Upper

240 100

120 18.2 16.3 24.5

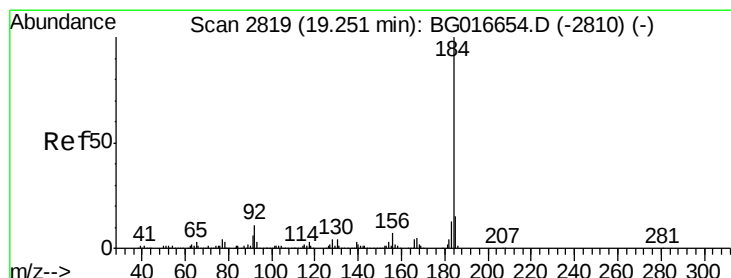
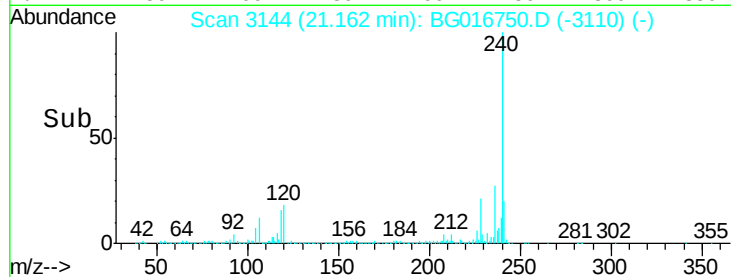
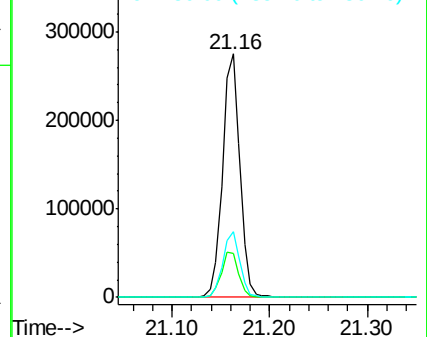
236 26.8 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.75 ng

RT: 19.23 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

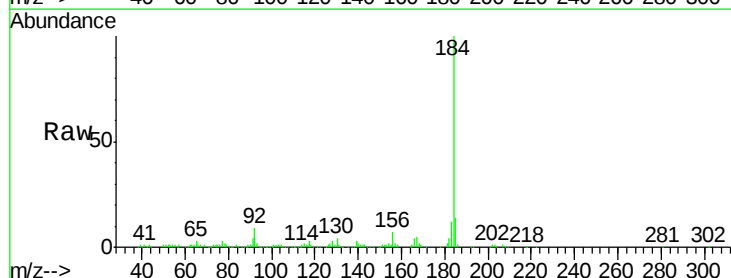
Tgt Ion:184 Resp: 147488

Ion Ratio Lower Upper

184 100

185 13.7 12.3 18.5

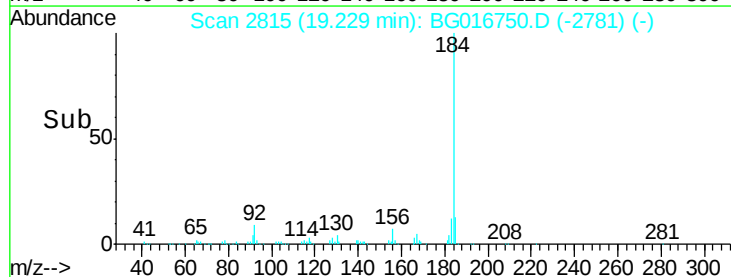
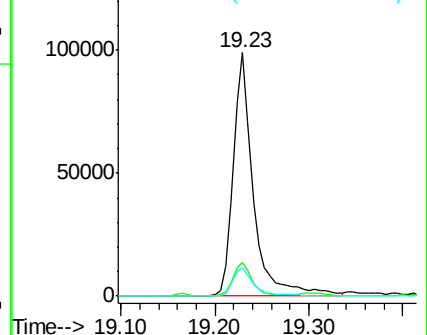
183 12.0 10.1 15.1

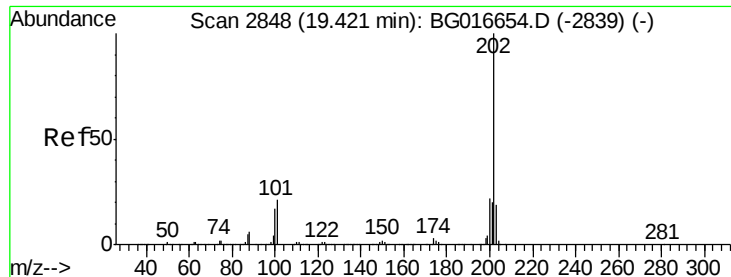


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

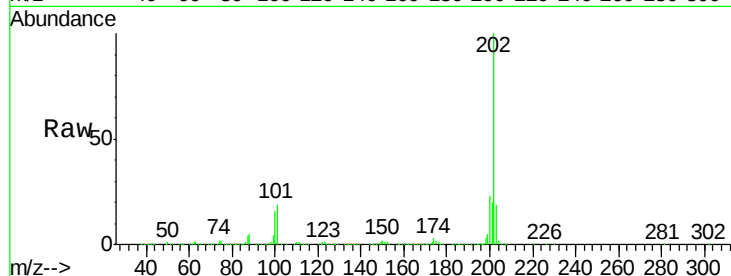




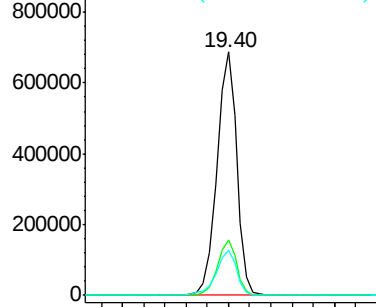
#77
Pvrene
Concen: 37.44 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

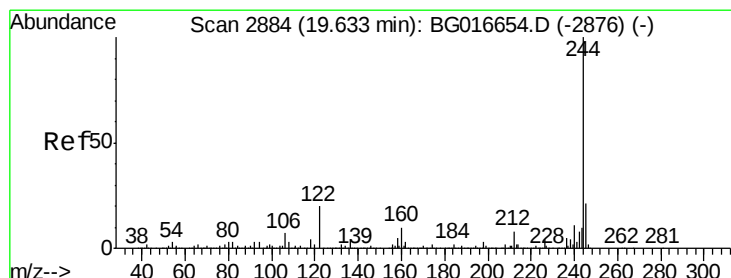
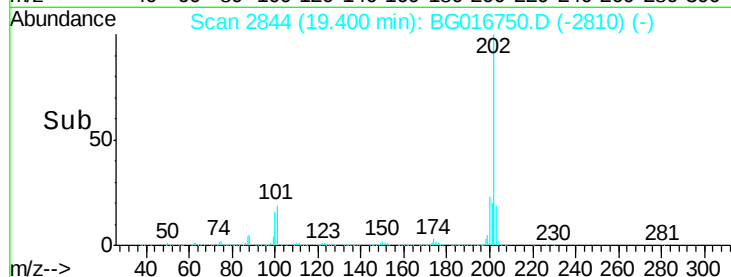
Tot Ion:202 Resp: 893163
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 18.8 14.9 22.3



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

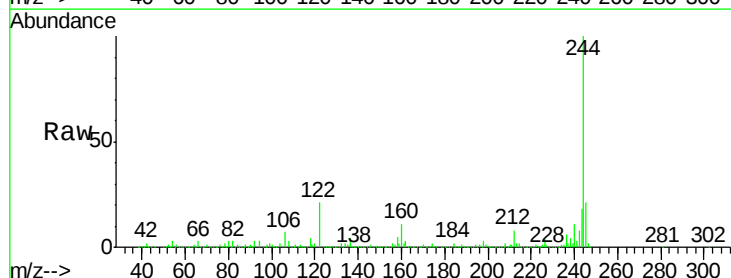


Time-->

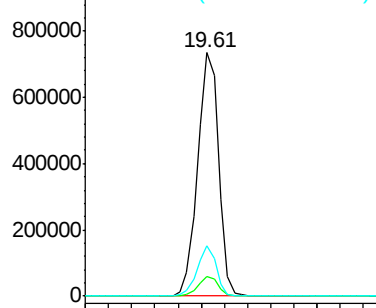


#78
Terphenyl-d14
Concen: 62.70 ng
RT: 19.61 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

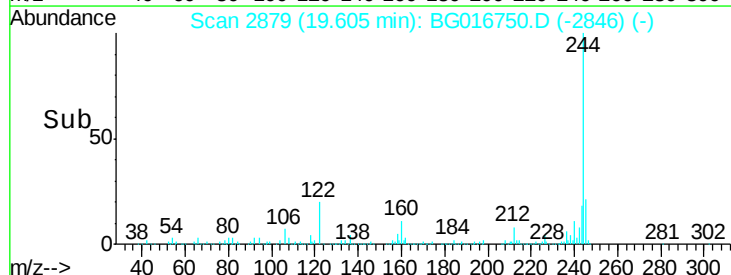
Tgt Ion:244 Resp: 924425
Ion Ratio Lower Upper
244 100
212 8.2 6.4 9.6
122 20.6 15.9 23.9

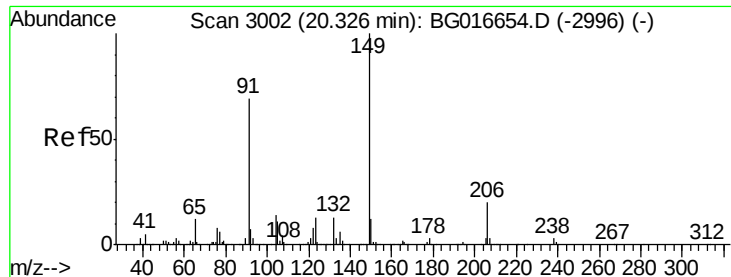


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

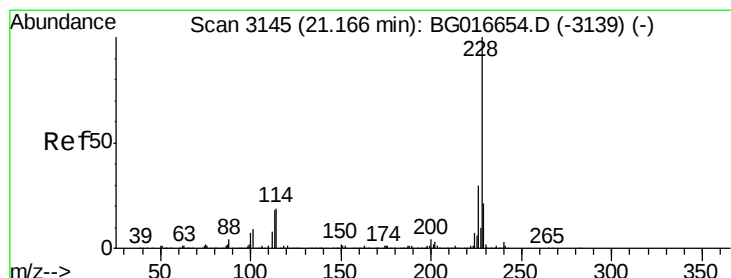
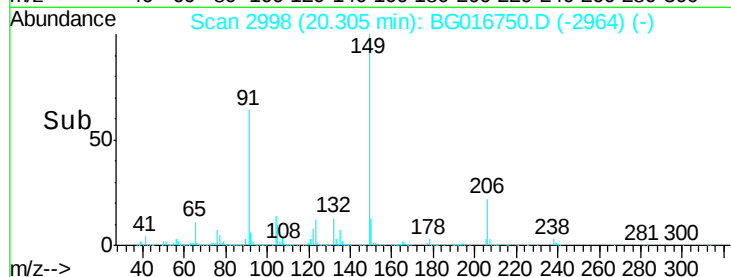
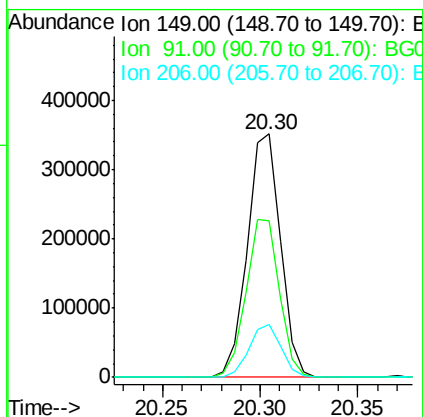
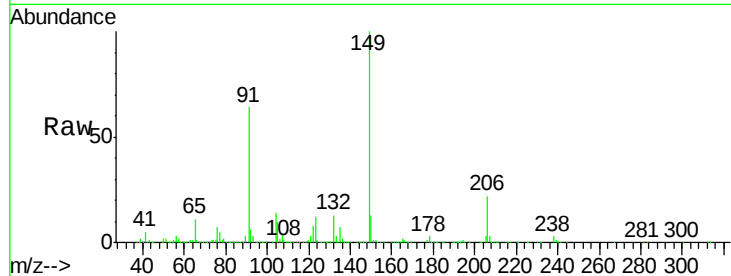




#79
Butylbenzylphthalate
Concen: 35.20 ng
RT: 20.30 min Scan# 2998
Delta R.T. 0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

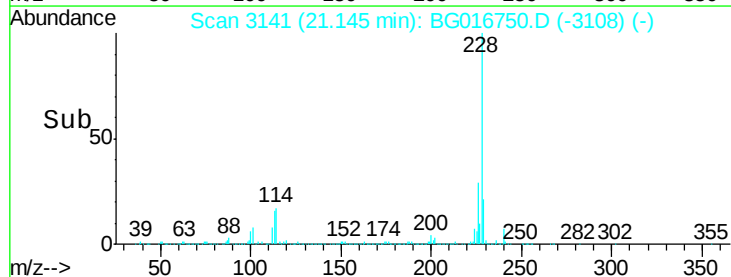
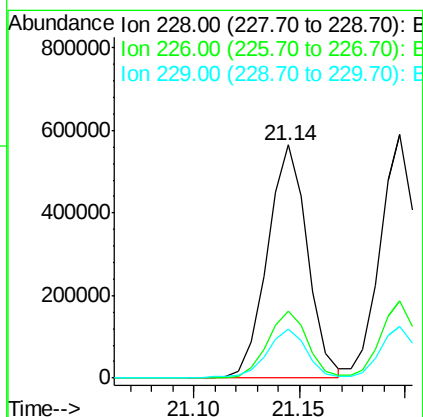
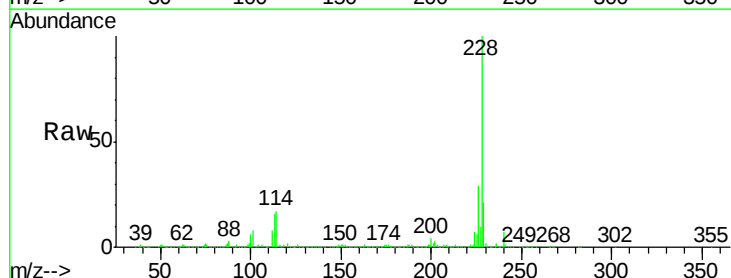
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

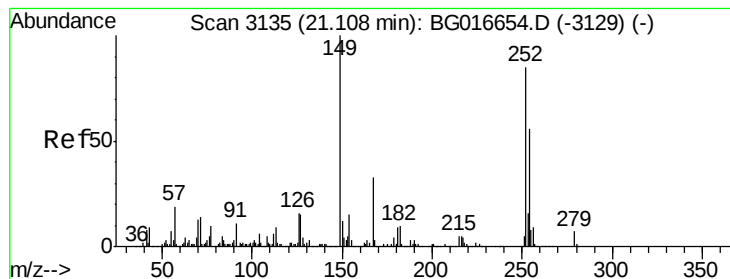
Tot Ion:149 Resp: 413087
Ion Ratio Lower Upper
149 100
91 64.3 55.4 83.0
206 21.6 16.4 24.6



#80
Benzo(a)anthracene
Concen: 35.89 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion:228 Resp: 738992
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.6
229 20.9 17.0 25.4





#81

3,3'-Dichlorobenzidine

Concen: 19.73 ng

RT: 21.09 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

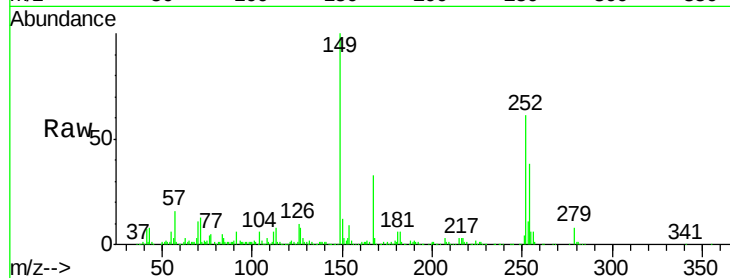
Tot Ion:252 Resp: 132391

Ion Ratio Lower Upper

252 100

254 62.8 52.7 79.1

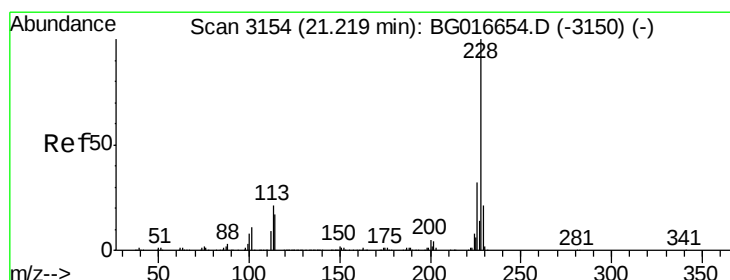
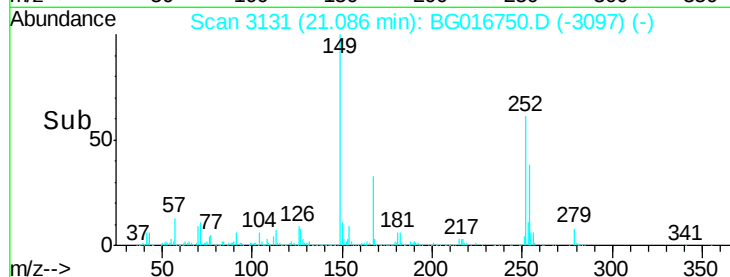
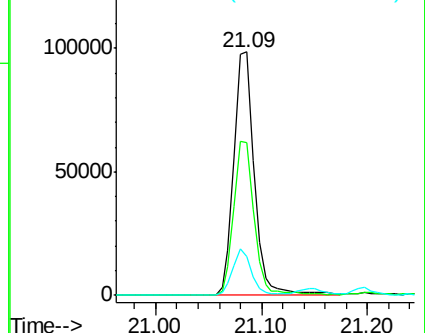
126 15.9 15.3 22.9



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: 35.38 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

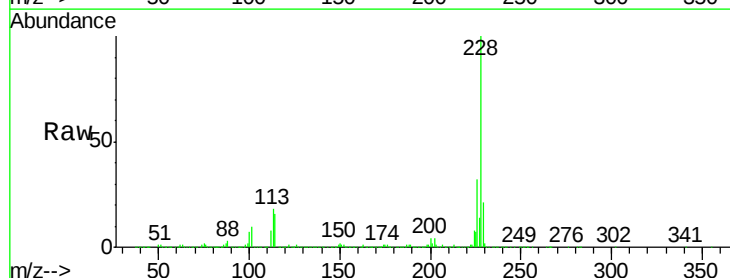
Tgt Ion:228 Resp: 698502

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

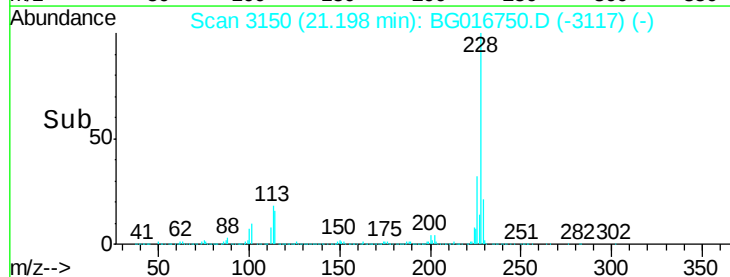
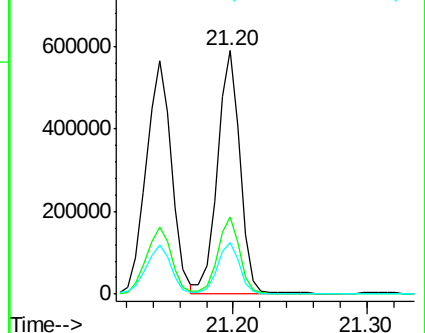
229 21.4 16.5 24.7

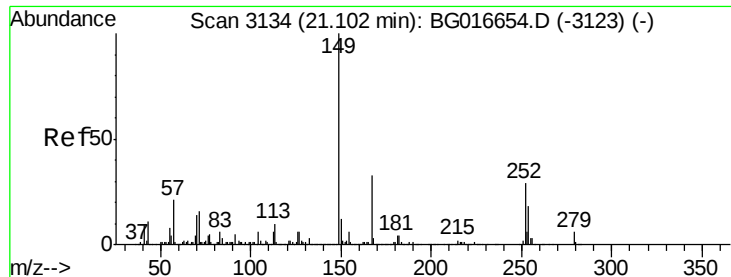


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

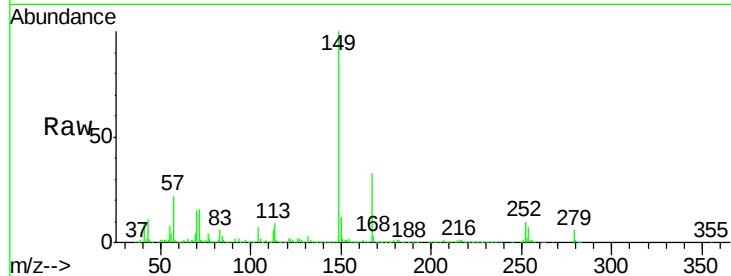




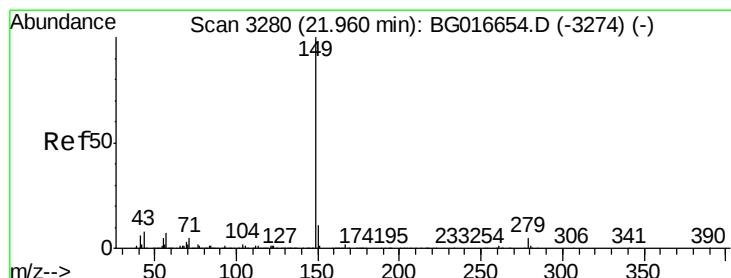
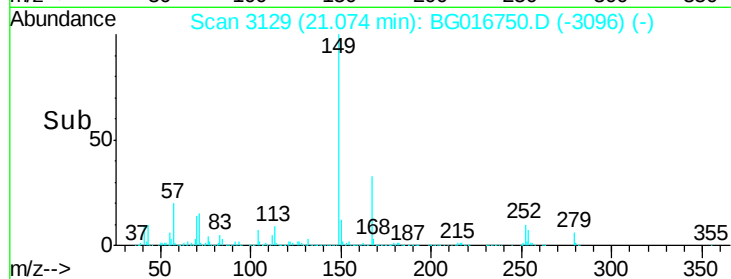
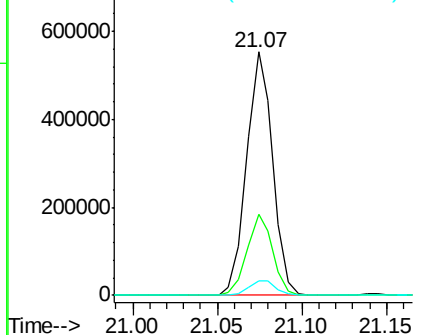
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.34 ng
 RT: 21.07 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion:149 Resp: 596143
 Ion Ratio Lower Upper
 149 100
 167 33.3 26.6 39.8
 279 6.2 5.1 7.7

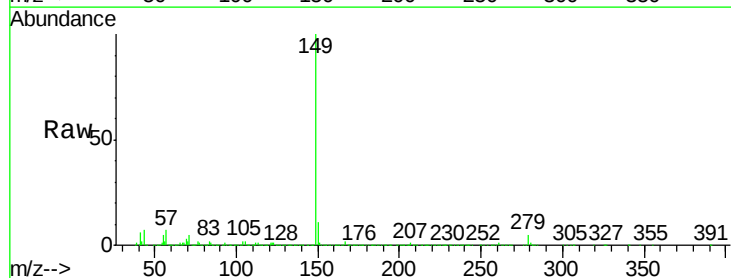


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

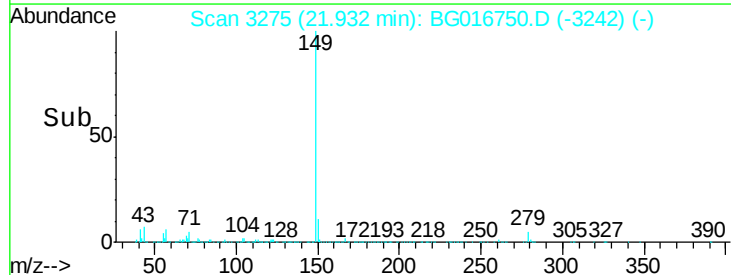
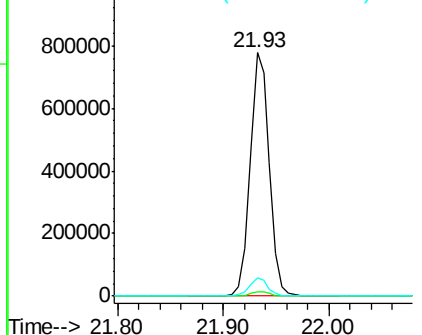


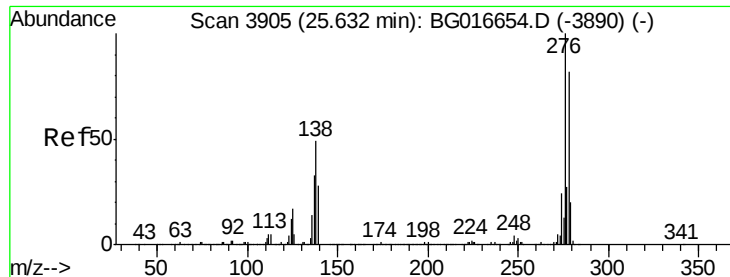
#84
 Di-n-octyl phthalate
 Concen: 36.85 ng
 RT: 21.93 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Tgt Ion:149 Resp: 980060
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.8 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.35 ng

RT: 25.59 min Scan# 3897

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

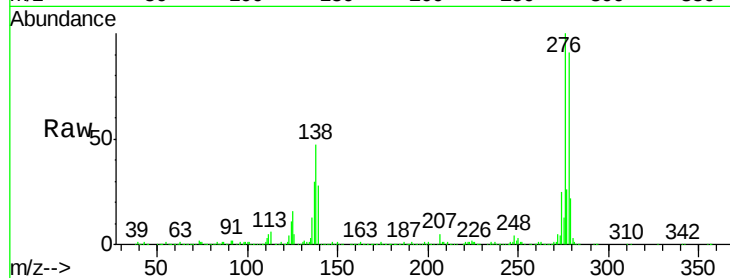
Tot Ion:276 Resp: 739132

Ion Ratio Lower Upper

276 100

138 43.5 38.2 57.2

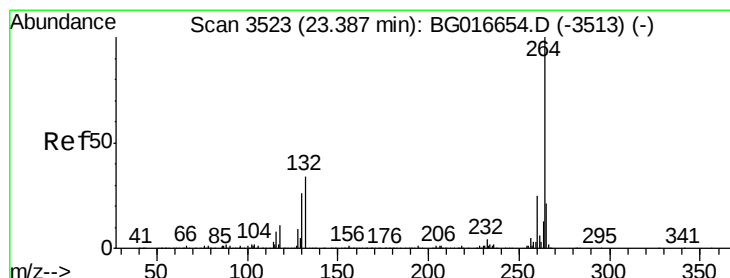
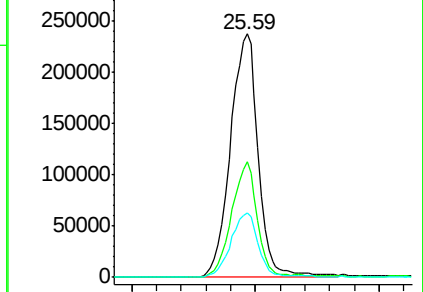
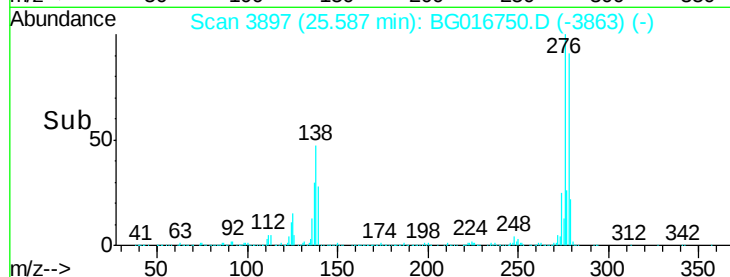
277 26.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

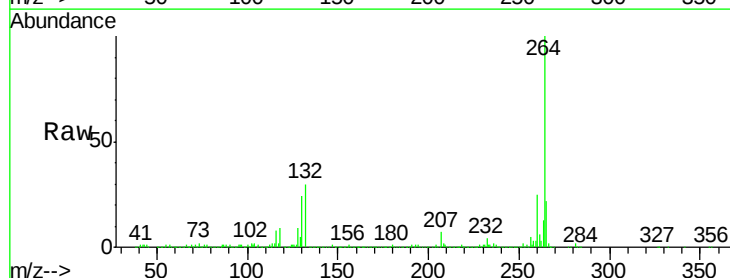
Tgt Ion:264 Resp: 320498

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

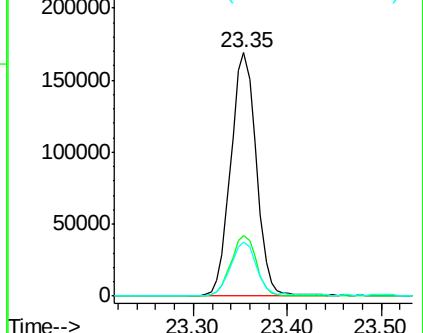
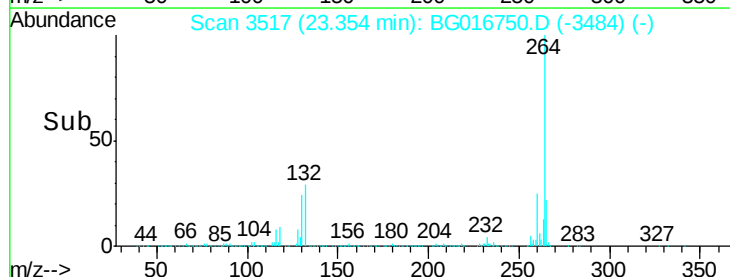
265 22.1 16.8 25.2

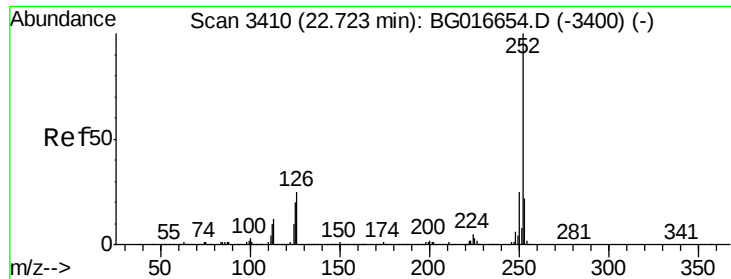


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

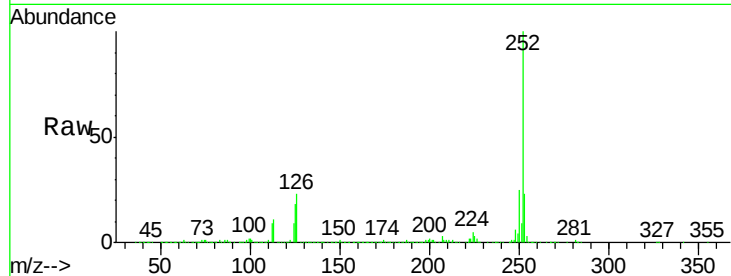




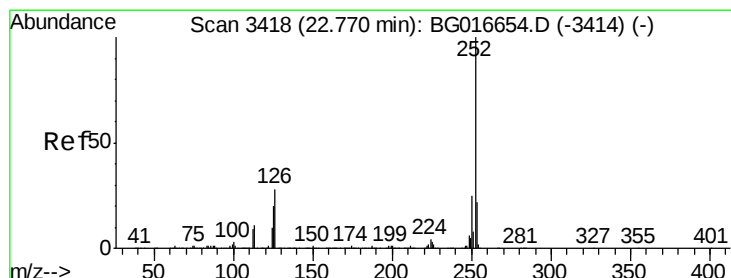
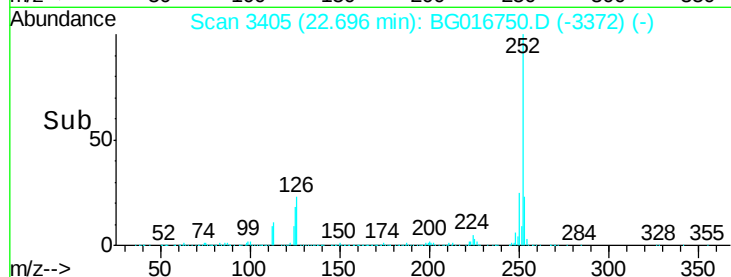
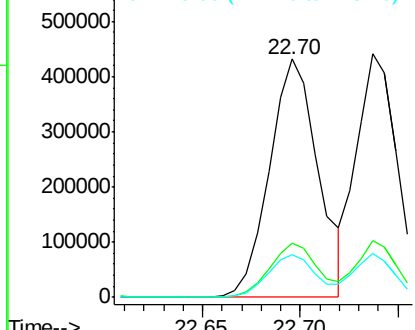
#87
Benzo(b)fluoranthene
Concen: 38.27 ng
RT: 22.70 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	17.8	15.8	23.8

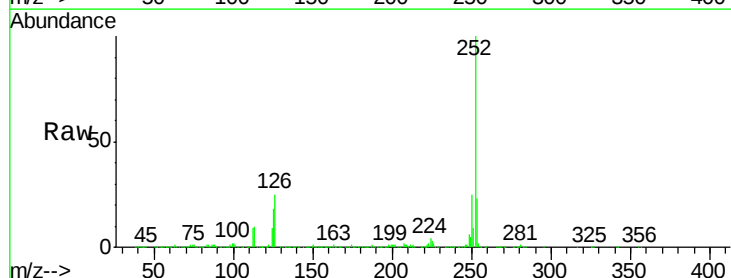


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

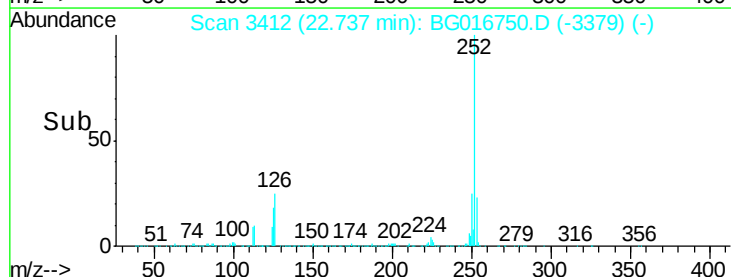
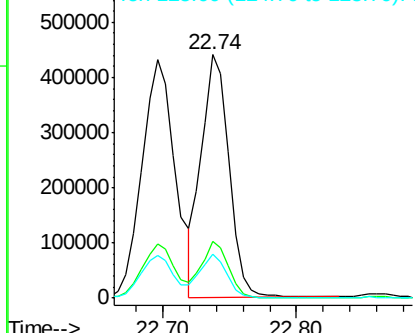


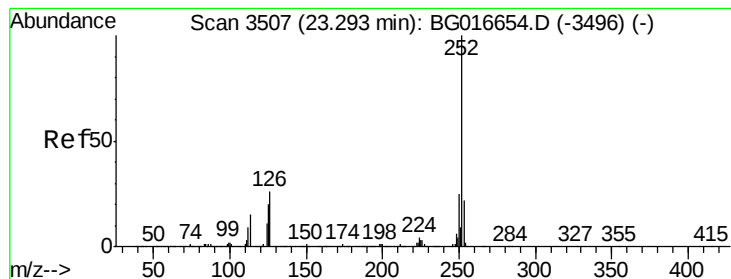
#88
Benzo(k)fluoranthene
Concen: 33.49 ng
RT: 22.74 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BG016750.D
Acq: 28 Apr 2015 3:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	18.2	15.5	23.3



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: 36.50 ng

RT: 23.26 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

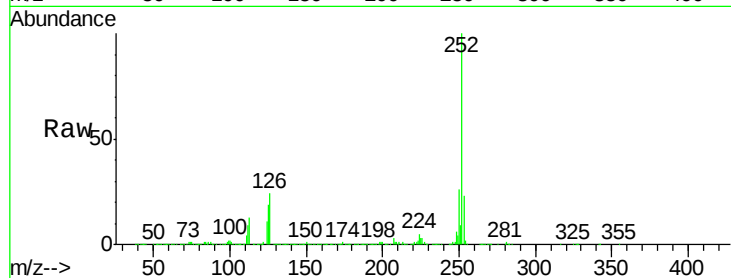
Tot Ion:252 Resp: 669588

Ion Ratio Lower Upper

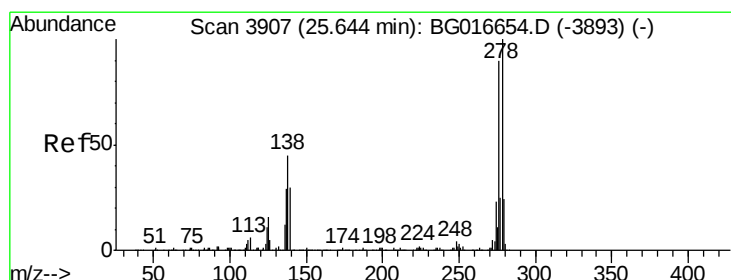
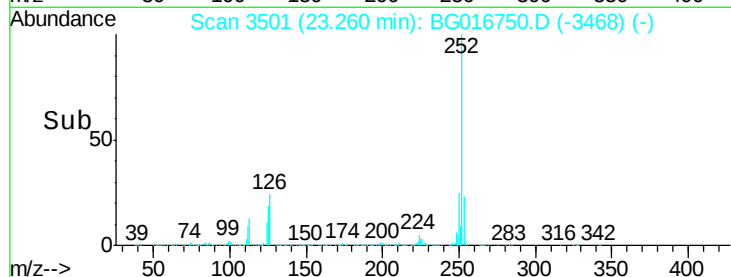
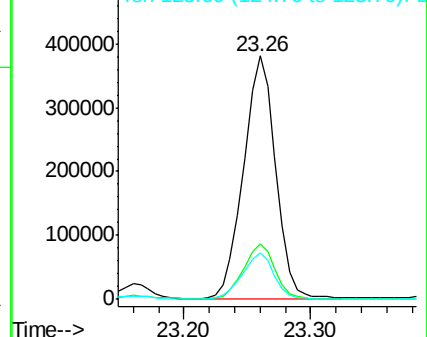
252 100

253 22.9 17.2 25.8

125 19.1 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



#90

Dibenzo(a,h)anthracene

Concen: 32.32 ng

RT: 25.59 min Scan# 3898

Delta R.T. 0.00 min

Lab File: BG016750.D

Acq: 28 Apr 2015 3:25

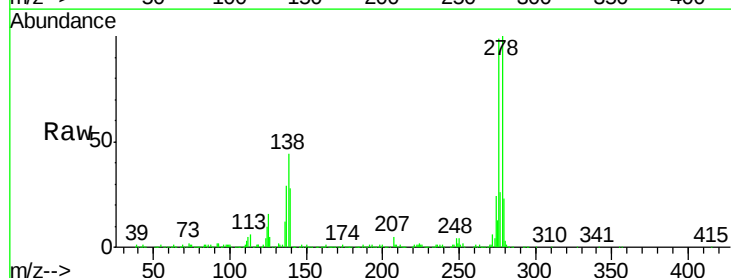
Tgt Ion:278 Resp: 576630

Ion Ratio Lower Upper

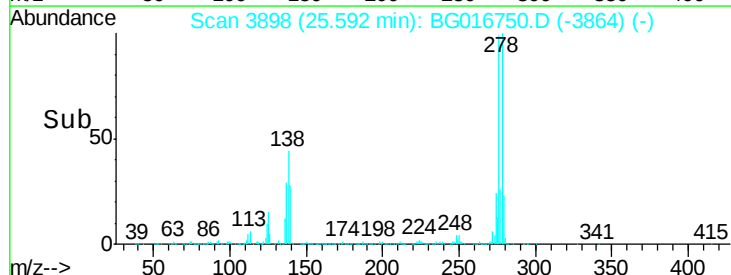
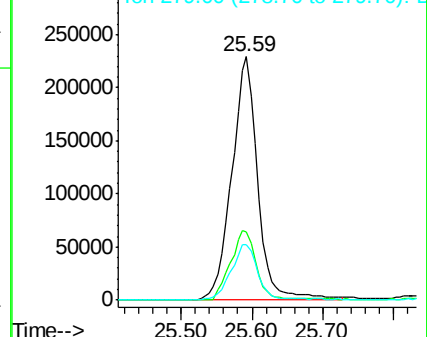
278 100

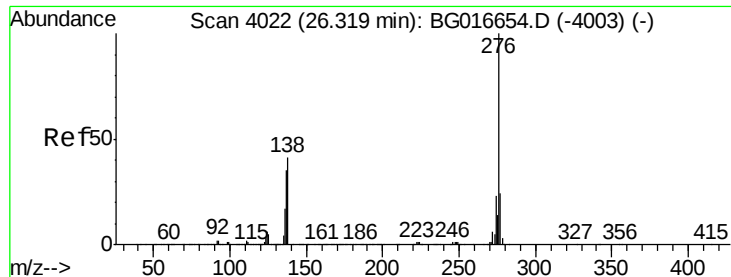
139 28.3 24.2 36.2

279 23.0 18.9 28.3



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

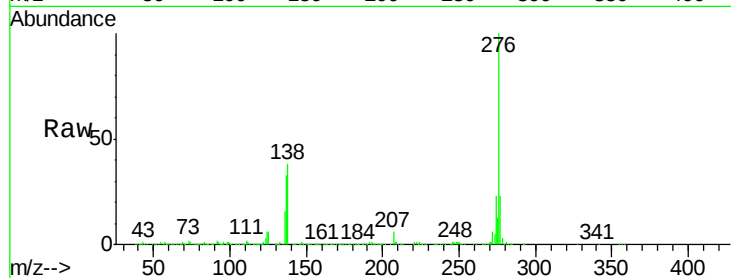




#91
 Benzo(a,h,i)perylene
 Concen: 35.07 ng
 RT: 26.26 min Scan# 4012
 Delta R.T. -0.00 min
 Lab File: BG016750.D
 Acq: 28 Apr 2015 3:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.3	28.9
138	37.7	32.8	49.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

