

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016159.D
 Acq On : 27 Mar 2015 3:20
 Operator : TP/IZ
 Sample : G1653-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Quant Time: Mar 27 05:24:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:05:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50922	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	225734	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	138836	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	308708	20.00	ng	0.00
75) Chrysene-d12	21.32	240	331350	20.00	ng	0.00
86) Perylene-d12	23.61	264	319050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	381257	125.31	ng	0.00
7) Phenol-d6	6.97	99	533071	125.87	ng	0.00
23) Nitrobenzene-d5	8.95	82	271639	74.61	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	201855	126.62	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	669222	80.68	ng	0.00
78) Terphenyl-d14	19.77	244	1030176	78.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	40740	33.16	ng	94
3) Pyridine	3.69	79	115124	29.97	ng	97
4) n-Nitrosodimethylamine	3.61	42	38966	34.48	ng	100
6) Aniline	7.12	93	129844	21.49	ng	99
8) 2-Chlorophenol	7.36	128	149199	41.33	ng	98
9) Benzaldehyde	6.94	77	6747	3.81	ng	91
10) Phenol	6.99	94	196721	42.27	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	137409	36.40	ng	98
12) 1,3-Dichlorobenzene	7.68	146	143090	36.67	ng	99
13) 1,4-Dichlorobenzene	7.83	146	145755	36.01	ng	99
14) 1,2-Dichlorobenzene	8.14	146	141021	36.85	ng	100
15) Benzyl Alcohol	8.03	79	114047	36.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.33	45	142685	33.63	ng	99
17) 2-Methylphenol	8.23	107	128314	39.09	ng	97
18) Hexachloroethane	8.86	117	51590	35.56	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	102864	33.15	ng	99
20) 3+4-Methylphenols	8.56	107	177331	39.83	ng	97
22) Acetophenone	8.61	105	195253	38.45	ng	# 97
24) Nitrobenzene	8.99	77	145676	37.16	ng	98
25) Isophorone	9.51	82	290304	35.14	ng	98
26) 2-Nitrophenol	9.69	139	81268	38.27	ng	97
27) 2,4-Dimethylphenol	9.76	122	145996	41.00	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	181385	38.25	ng	99
29) 2,4-Dichlorophenol	10.23	162	135258	43.21	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	126395	37.50	ng	97
31) Naphthalene	10.63	128	445558	36.83	ng	100
32) Benzoic acid	9.87	122	78628	34.96	ng	96
33) 4-Chloroaniline	10.74	127	64302	12.14	ng	98
34) Hexachlorobutadiene	10.91	225	66813	36.43	ng	98
35) Caprolactam	11.50	113	66898m	39.35	ng	
36) 4-Chloro-3-methylphenol	11.86	107	148692	40.26	ng	99
37) 2-Methylnaphthalene	12.24	142	333929	38.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	139779	39.97	ng	99
40) Hexachlorocyclopentadiene	12.59	237	160087	78.30	ng	98

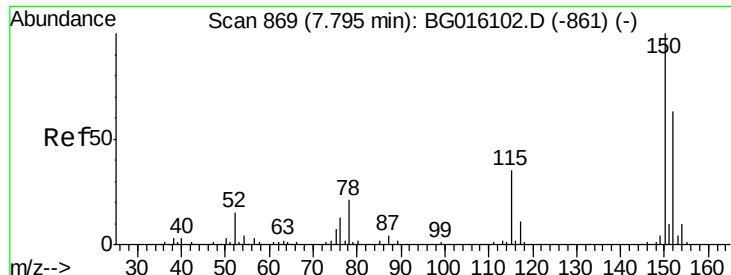
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016159.D
 Acq On : 27 Mar 2015 3:20
 Operator : TP/IZ
 Sample : G1653-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 27 05:24:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:05:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	102192	40.91	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	112664	41.36	ng	98
45) 1,1'-Biphenyl	13.25	154	407229	40.00	ng	99
46) 2-Chloronaphthalene	13.29	162	307906	38.77	ng	98
47) 2-Nitroaniline	13.50	65	88490	38.79	ng	97
48) Acenaphthylene	14.14	152	542260	37.37	ng	100
49) Dimethylphthalate	13.87	163	415090	42.64	ng	100
50) 2,6-Dinitrotoluene	14.00	165	95040	41.16	ng	96
51) Acenaphthene	14.48	154	329280	37.62	ng	99
52) 3-Nitroaniline	14.32	138	69052	24.42	ng	99
53) 2,4-Dinitrophenol	14.53	184	107392	76.11	ng	96
54) Dibenzofuran	14.81	168	492354	40.26	ng	99
55) 4-Nitrophenol	14.63	139	198713	86.76	ng	99
56) 2,4-Dinitrotoluene	14.78	165	131945	41.70	ng	98
57) Fluorene	15.46	166	425267	38.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	104067	42.86	ng	97
59) Diethylphthalate	15.24	149	398311	39.79	ng	100
60) 4-Chlorophenyl-phenylether	15.45	204	193462	40.30	ng	98
61) 4-Nitroaniline	15.48	138	124071	38.78	ng	97
62) Azobenzene	15.75	77	391336	37.95	ng	98
64) 4,6-Dinitro-2-methylphenol	15.54	198	79149	38.58	ng	98
65) n-Nitrosodiphenylamine	15.67	169	373782	37.98	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	122392	38.64	ng	96
67) Hexachlorobenzene	16.46	284	135547	38.07	ng	94
68) Atrazine	16.62	200	125876	42.98	ng	99
69) Pentachlorophenol	16.81	266	174452	85.93	ng	99
70) Phenanthrene	17.20	178	660813	38.15	ng	99
71) Anthracene	17.29	178	663878	38.53	ng	100
72) Carbazole	17.56	167	663734	39.26	ng	99
73) Di-n-butylphthalate	18.12	149	759048	39.71	ng	100
74) Fluoranthene	19.21	202	746898	38.71	ng	100
76) Benzidine	19.40	184	347138	39.98	ng	100
77) Pyrene	19.57	202	776804	38.03	ng	99
79) Butylbenzylphthalate	20.46	149	349061	40.96	ng	96
80) Benzo(a)anthracene	21.31	228	709932	37.78	ng	100
81) 3,3'-Dichlorobenzidine	21.25	252	124334	19.03	ng	99
82) Chrysene	21.36	228	674525	39.18	ng	98
83) Bis(2-ethylhexyl)phthalate	21.23	149	464635	39.71	ng	100
84) Di-n-octyl phthalate	22.12	149	767199	38.88	ng	98
85) Indeno(1,2,3-cd)pyrene	25.95	276	809000	36.54	ng	99
87) Benzo(b)fluoranthene	22.91	252	686388	37.17	ng	100
88) Benzo(k)fluoranthene	22.96	252	696122	38.71	ng	99
89) Benzo(a)pyrene	23.51	252	672335	39.05	ng	99
90) Dibenzo(a,h)anthracene	25.96	278	674596	37.60	ng	99
91) Benzo(g,h,i)perylene	26.67	276	665941	37.45	ng	100

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

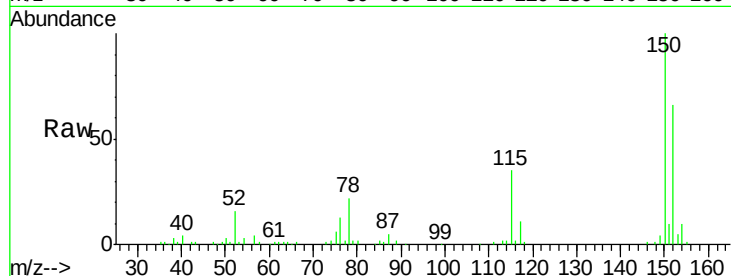


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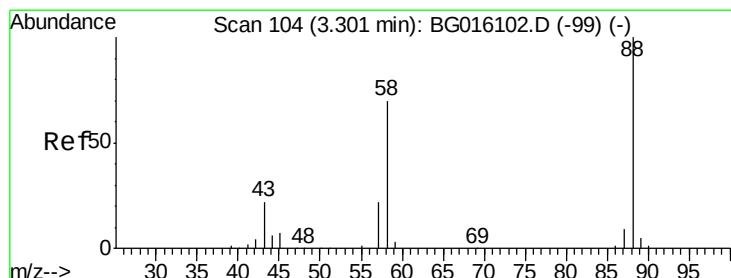
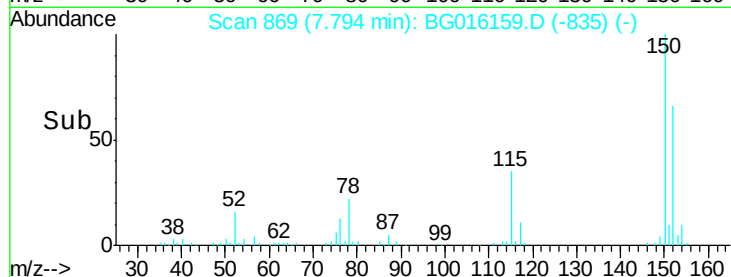
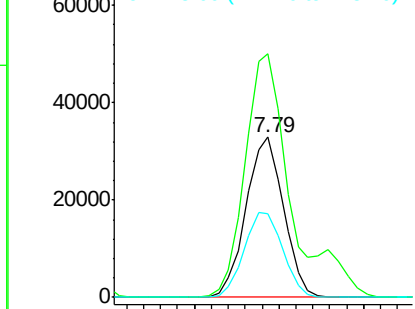
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:152 Resp: 50922
Ion Ratio Lower Upper
152 100
150 152.3 126.1 189.1
115 52.7 43.7 65.5



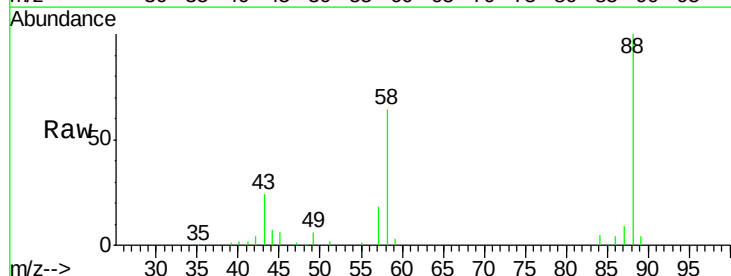
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



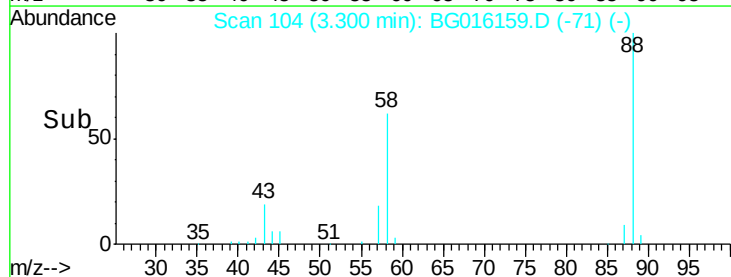
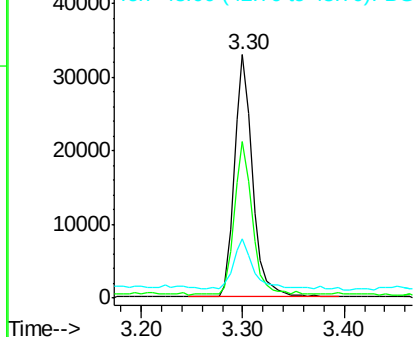
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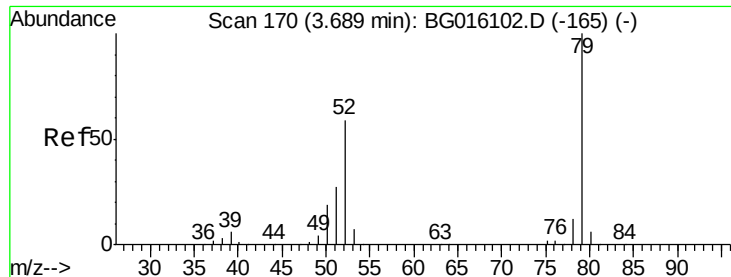
1,4-Dioxane
Concen: 33.16 ng
RT: 3.30 min Scan# 104
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion: 88 Resp: 40740
Ion Ratio Lower Upper
88 100
58 61.6 54.2 81.4
43 22.4 17.4 26.2



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





#3

Pyridine

Concen: 29.97 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampled :

SB23MSD

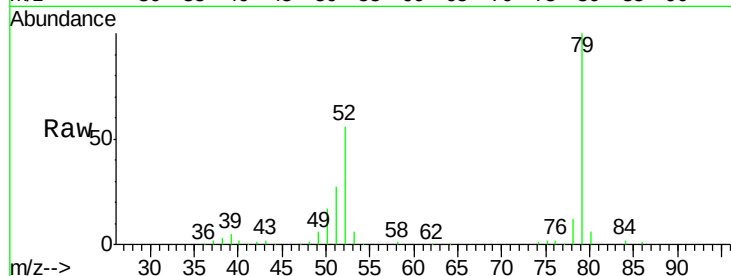
Tgt Ion: 79 Resp: 115124

Ion Ratio Lower Upper

79 100

52 55.5 47.0 70.4

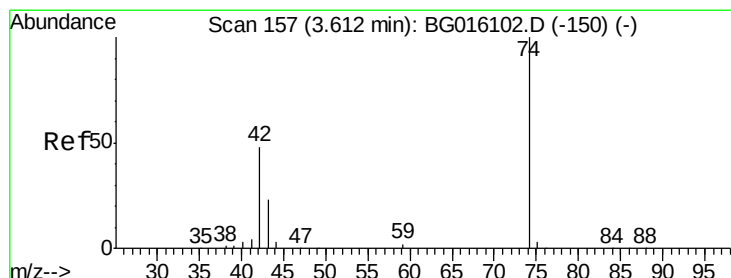
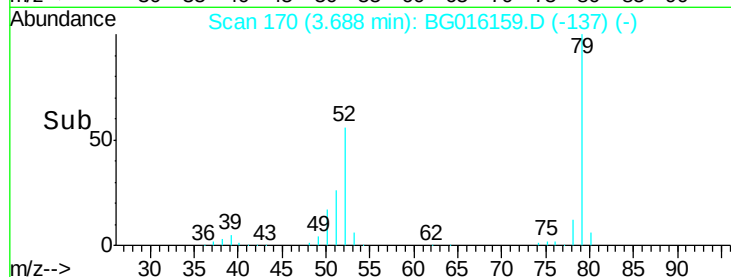
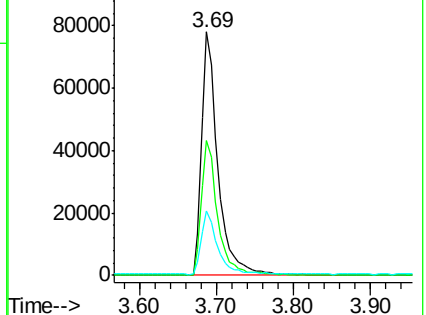
51 26.7 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.48 ng

RT: 3.61 min Scan# 157

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

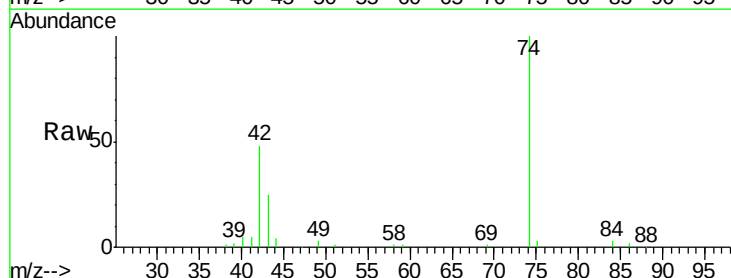
Tgt Ion: 42 Resp: 38966

Ion Ratio Lower Upper

42 100

74 206.7 165.3 247.9

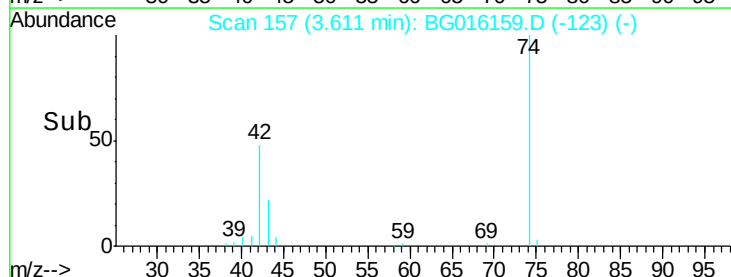
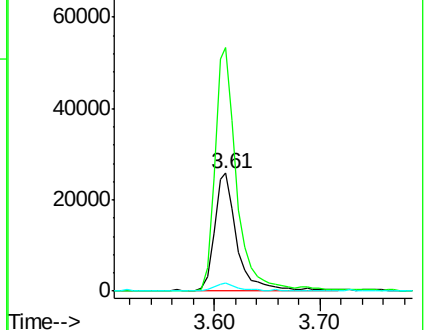
44 7.3 5.3 7.9

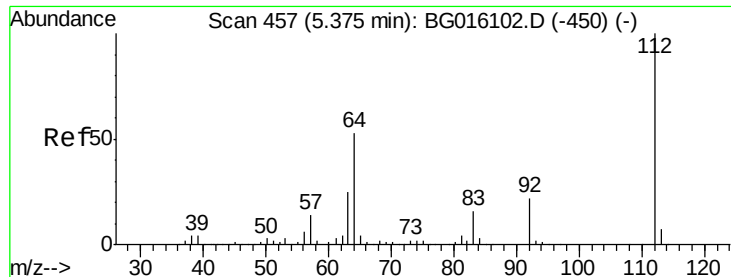


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.31 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

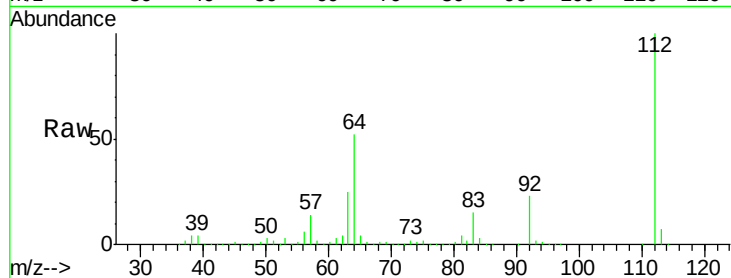
Tgt Ion: 112 Resp: 381257

Ion Ratio Lower Upper

112 100

64 51.9 42.6 64.0

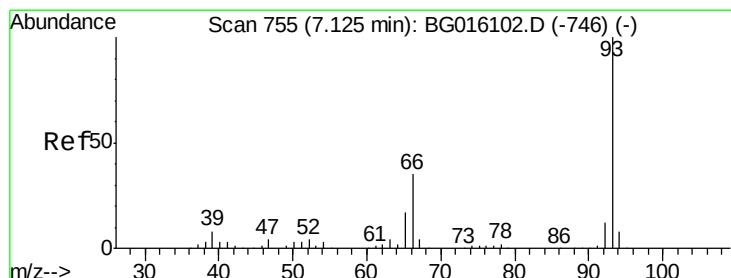
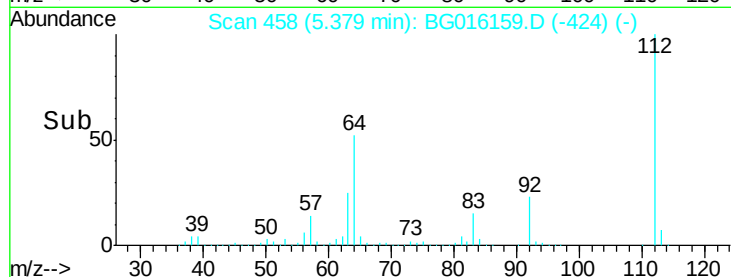
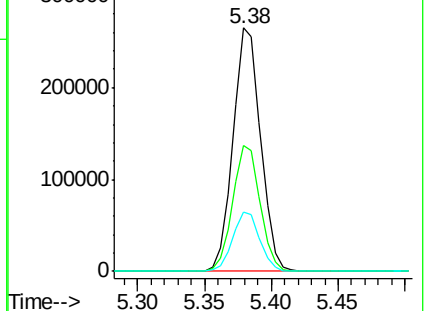
63 24.6 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.49 ng

RT: 7.12 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

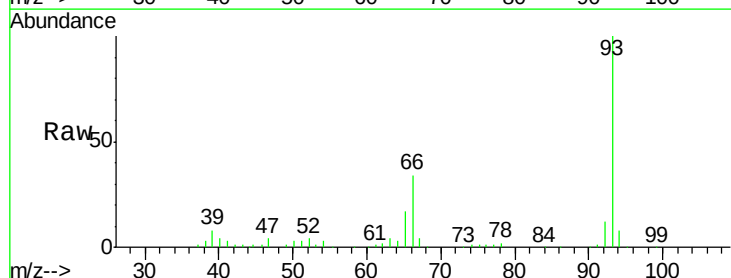
Tgt Ion: 93 Resp: 129844

Ion Ratio Lower Upper

93 100

66 33.5 27.8 41.6

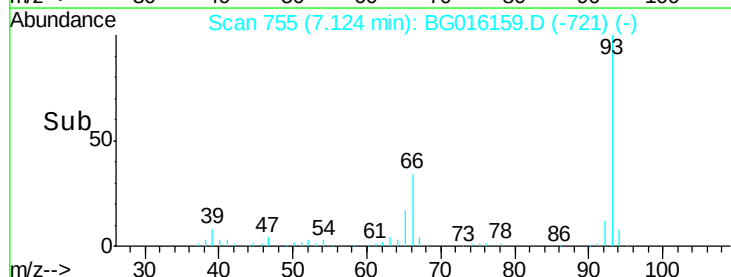
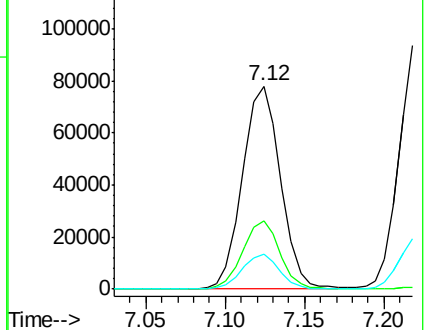
65 17.3 13.9 20.9

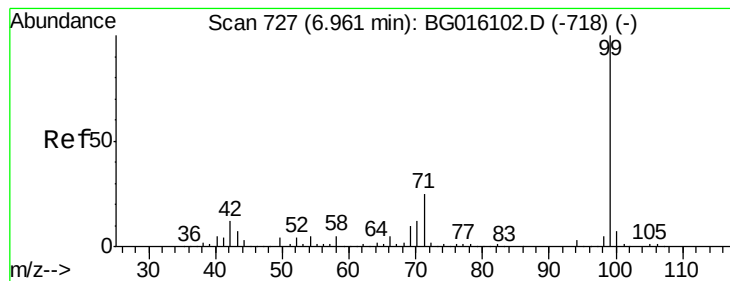


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.87 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

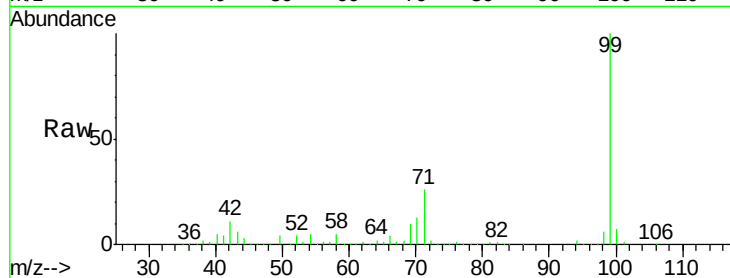
Tgt Ion: 99 Resp: 533071

Ion Ratio Lower Upper

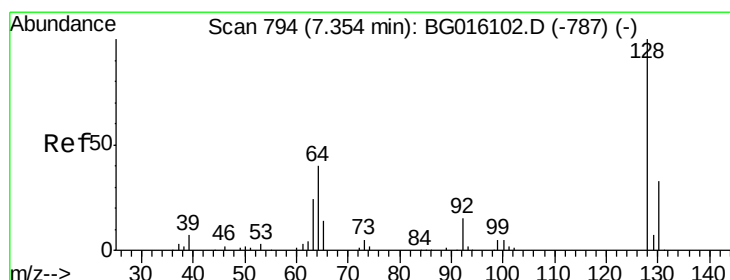
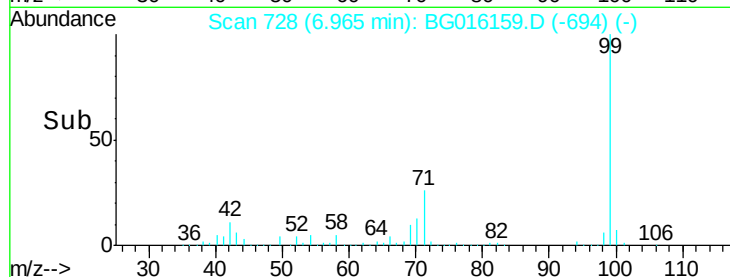
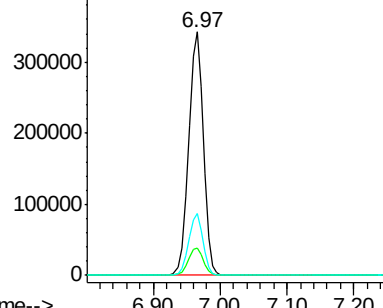
99 100

42 11.4 9.4 14.0

71 25.5 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: 41.33 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

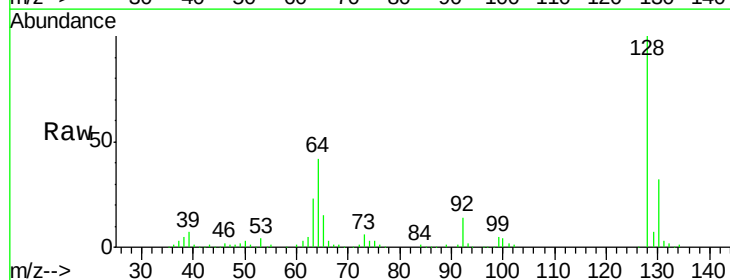
Tgt Ion:128 Resp: 149199

Ion Ratio Lower Upper

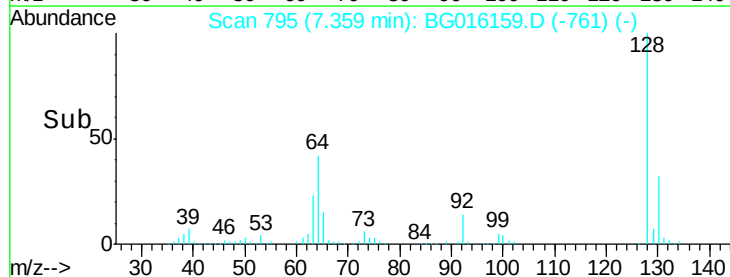
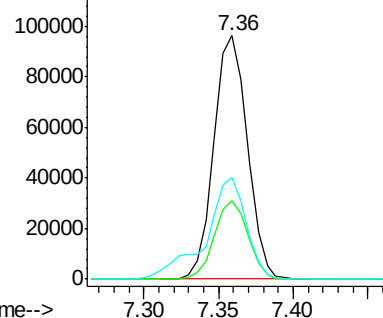
128 100

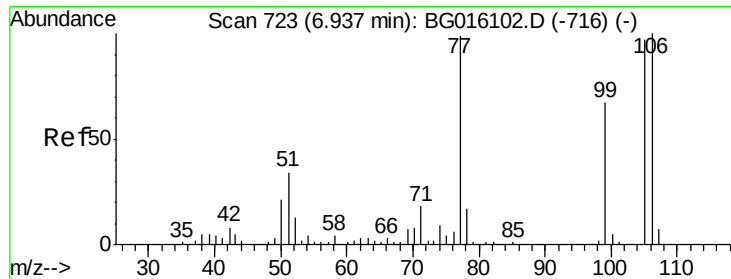
130 32.4 12.5 52.5

64 41.7 23.4 63.4



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

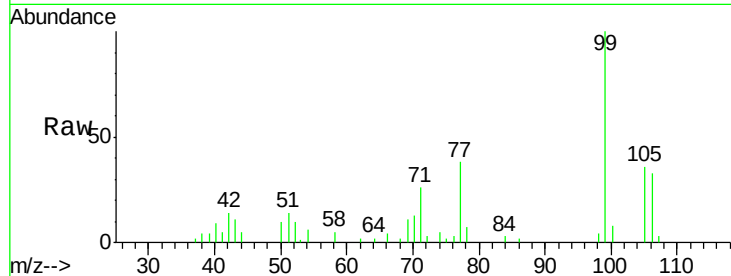




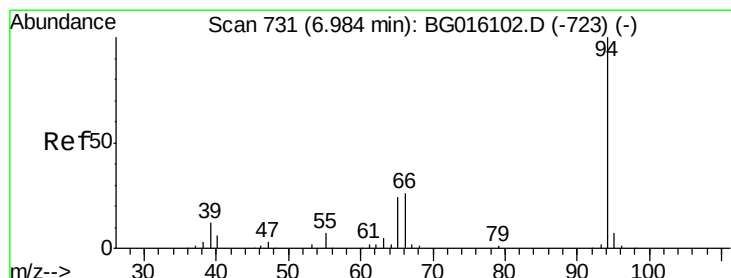
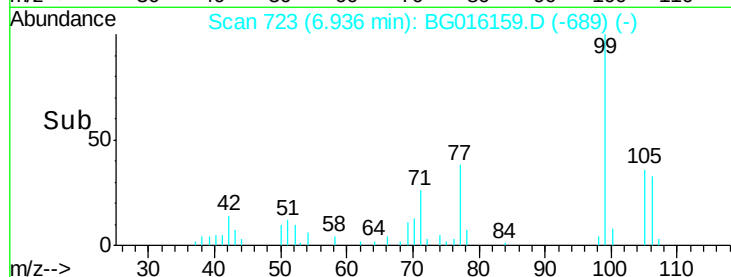
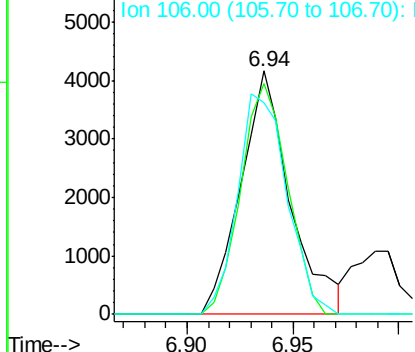
#9
Benzaldehyde
Concen: 3.81 ng
RT: 6.94 min Scan# 723
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampled :
SB23MSD

Tgt Ion: 77 Resp: 6747
Ion Ratio Lower Upper
77 100
105 94.7 78.1 118.1
106 87.1 81.0 121.0

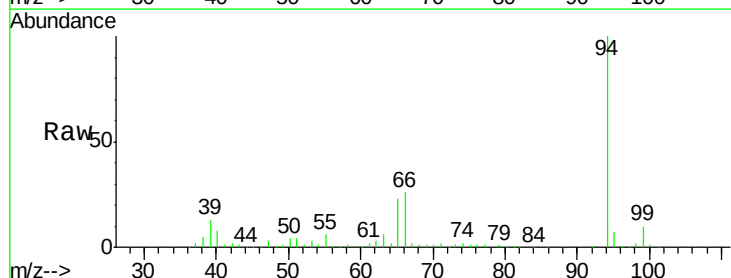


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

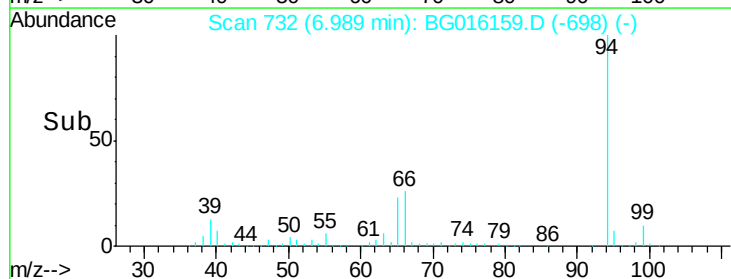
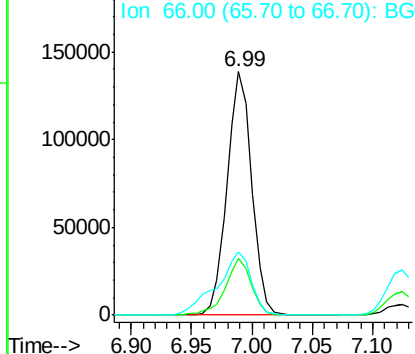


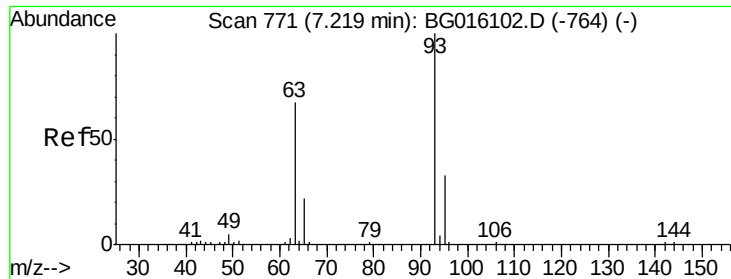
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Phenol
Concen: 42.27 ng
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion: 94 Resp: 196721
Ion Ratio Lower Upper
94 100
65 23.1 4.0 44.0
66 26.0 7.4 47.4



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



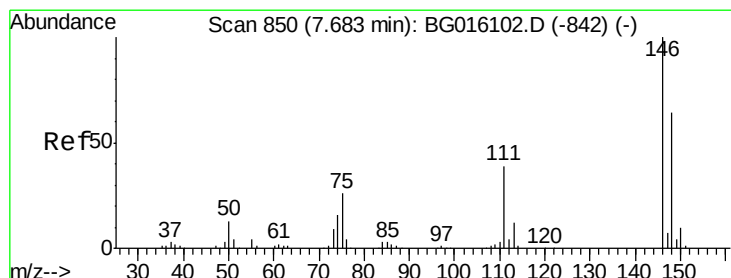
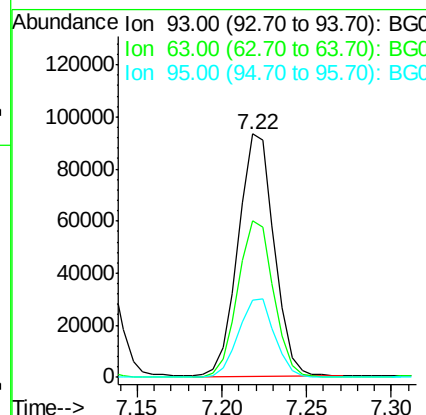
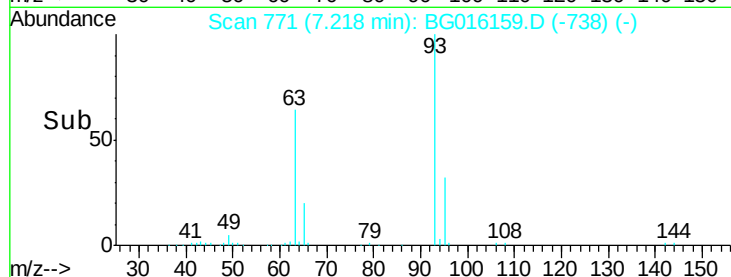
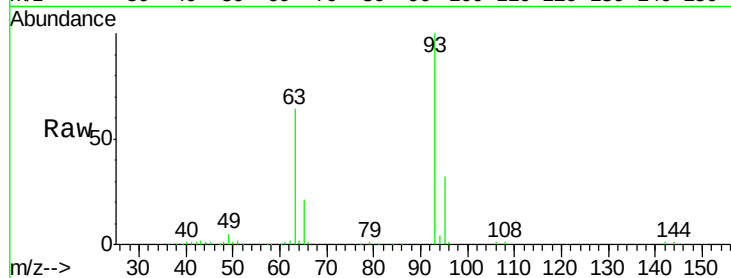


#11
bis(2-Chloroethyl)ether
Concen: 36.40 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion: 93 Resp: 137409

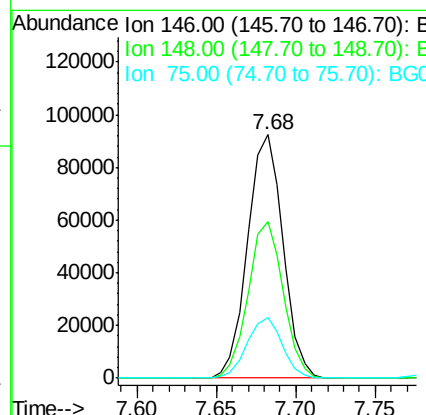
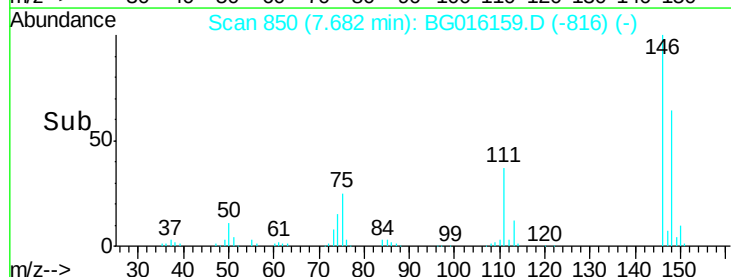
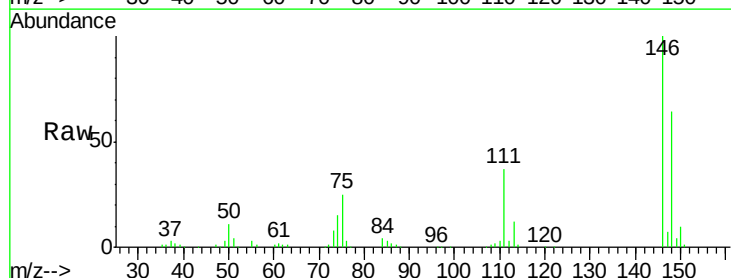
Ion	Ratio	Lower	Upper
93	100		
63	64.1	46.5	86.5
95	31.8	12.5	52.5

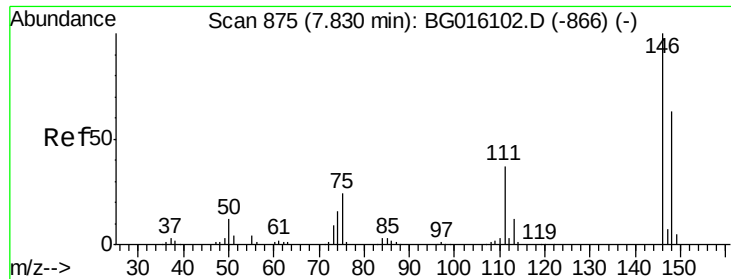


#12
1,3-Dichlorobenzene
Concen: 36.67 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion: 146 Resp: 143090

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	25.0	20.5	30.7

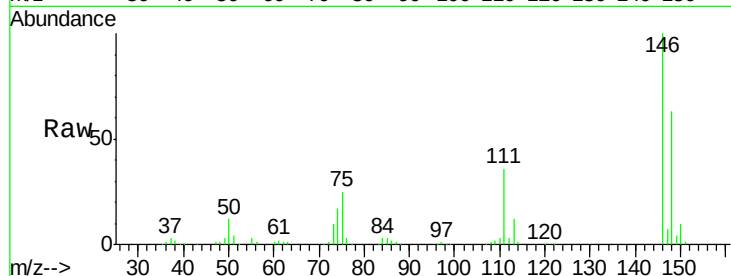




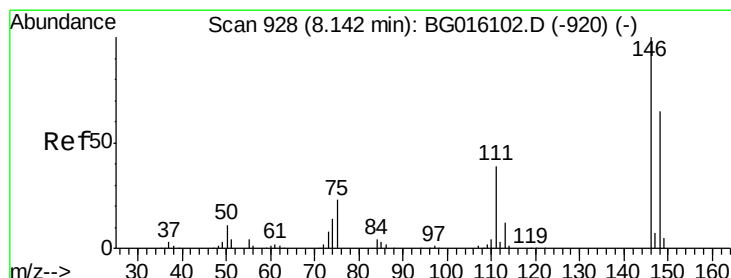
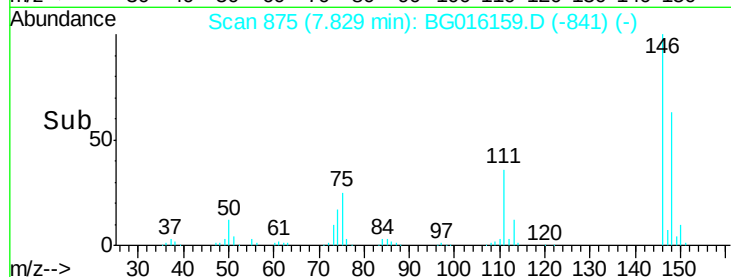
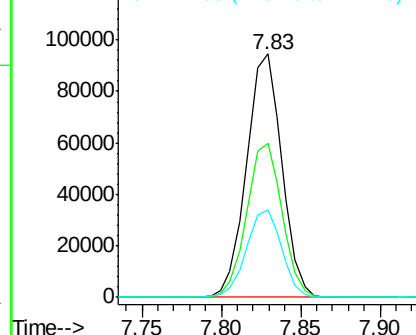
#13
 1,4-Dichlorobenzene
 Concen: 36.01 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion:146 Resp: 145755
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.3 75.5
 111 36.2 29.5 44.3

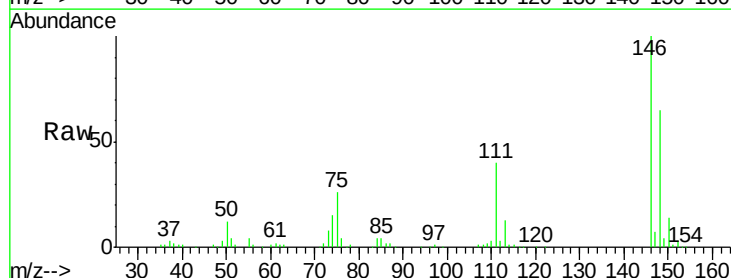


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

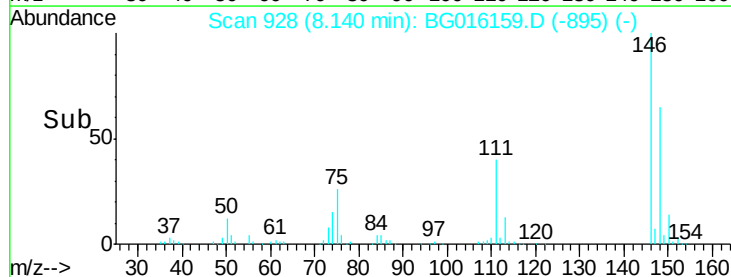
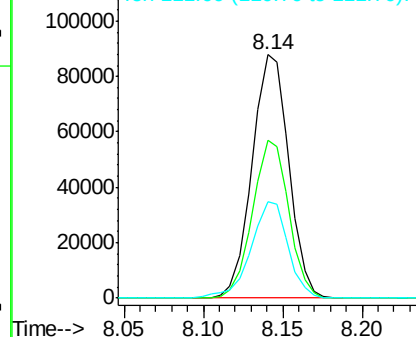


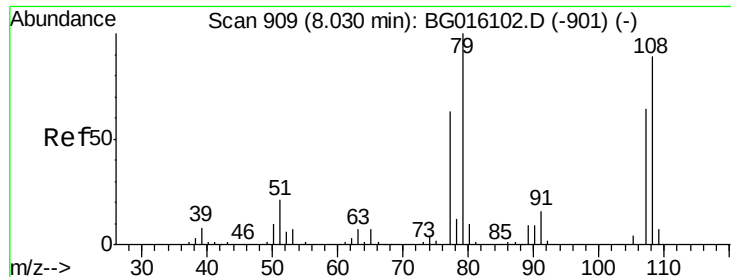
#14
 1,2-Dichlorobenzene
 Concen: 36.85 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:146 Resp: 141021
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.8
 111 39.7 31.4 47.2



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: 36.44 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

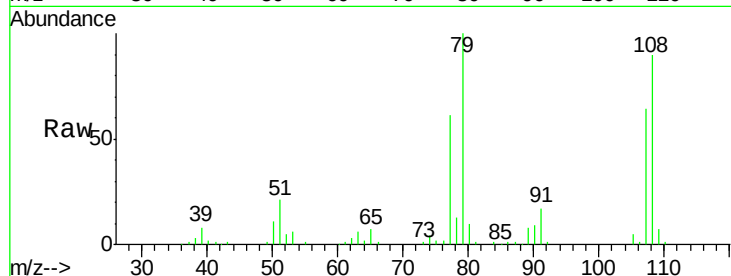
Tgt Ion: 79 Resp: 114047

Ion Ratio Lower Upper

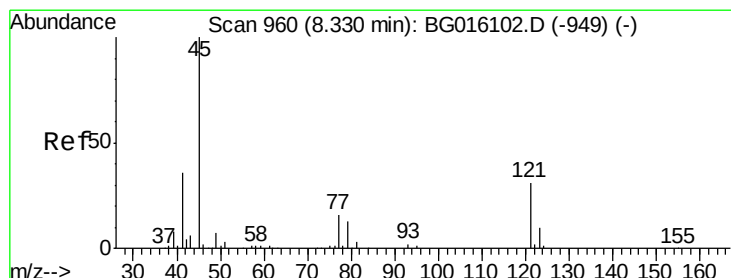
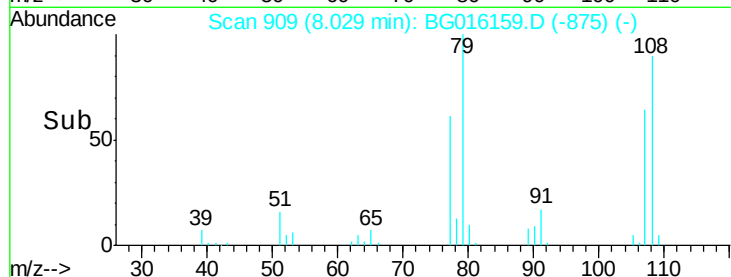
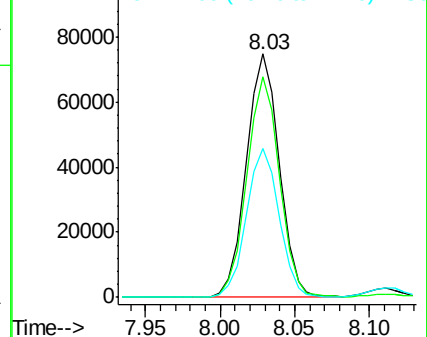
79 100

108 90.4 71.4 107.0

77 61.3 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.63 ng

RT: 8.33 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

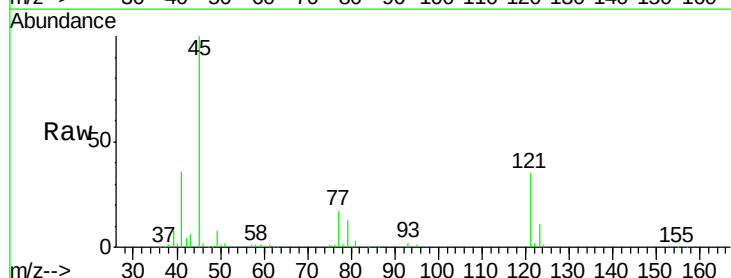
Tgt Ion: 45 Resp: 142685

Ion Ratio Lower Upper

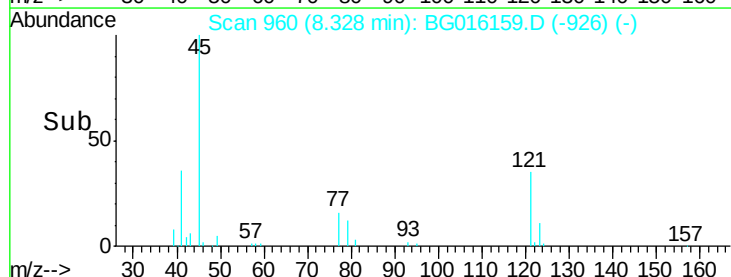
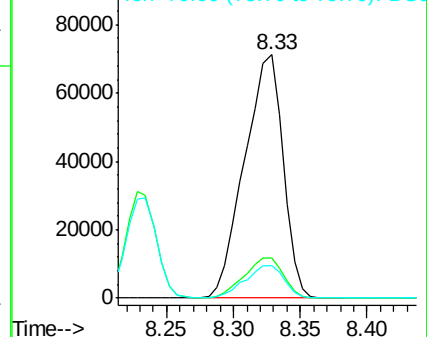
45 100

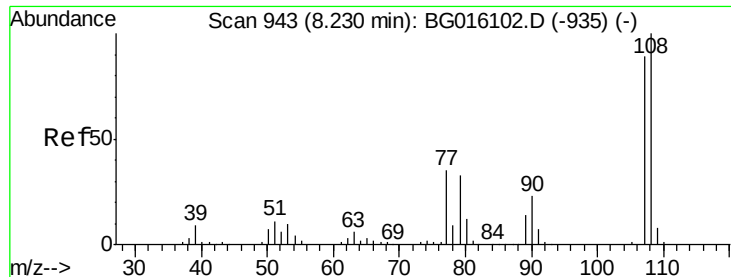
77 16.7 0.0 36.3

79 13.1 0.0 33.3



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

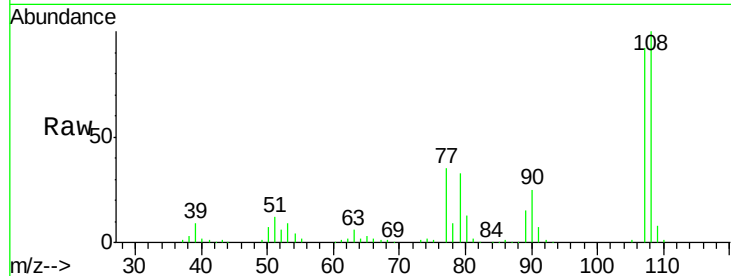




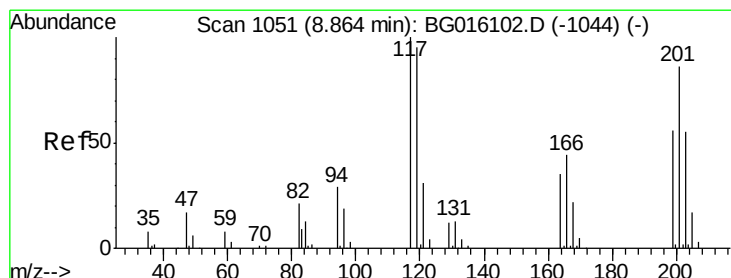
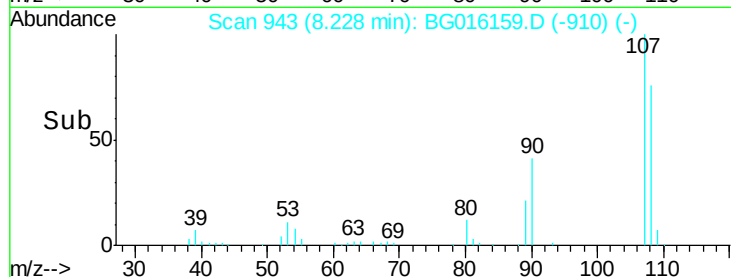
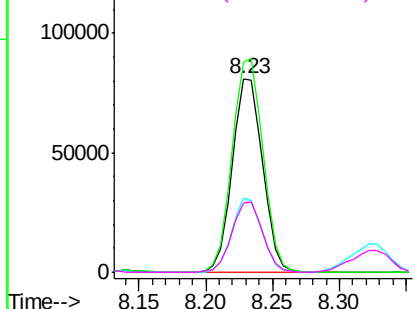
#17
2-Methylphenol
Concen: 39.09 ng
RT: 8.23 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:107 Resp: 128314
Ion Ratio Lower Upper
107 100
108 108.3 89.4 134.2
77 38.4 31.4 47.2
79 35.9 29.8 44.8

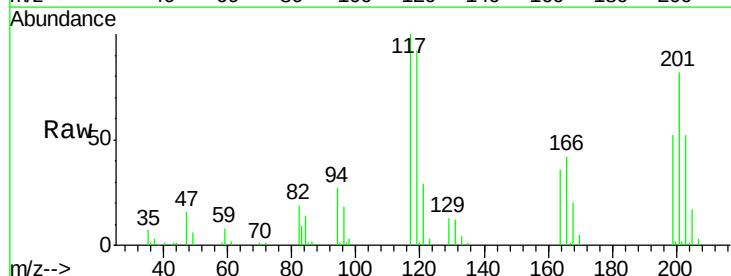


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

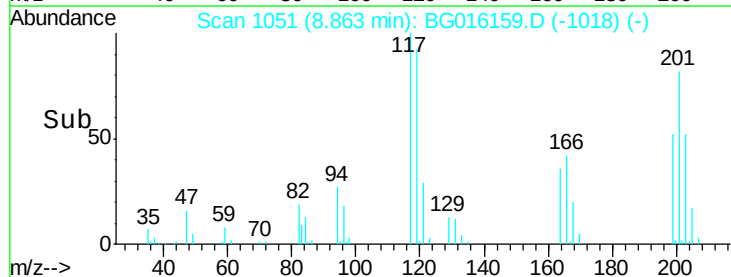
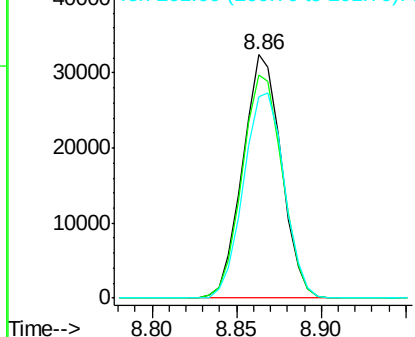


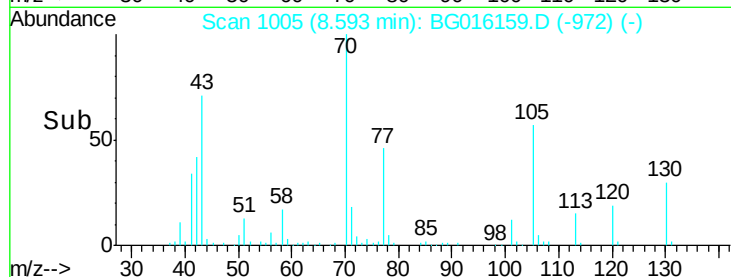
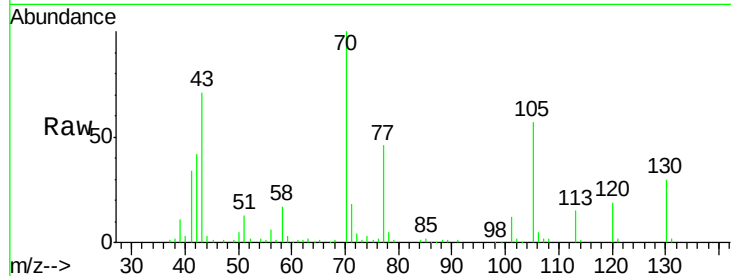
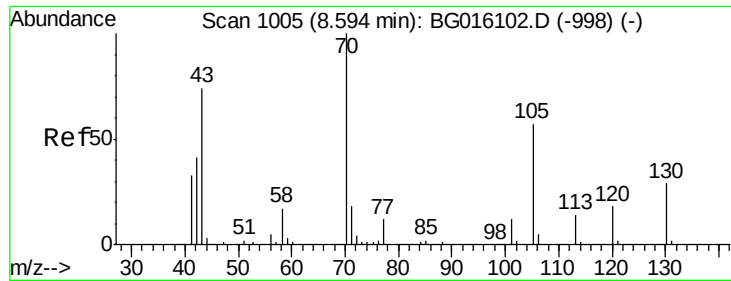
#18
Hexachloroethane
Concen: 35.56 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:117 Resp: 51590
Ion Ratio Lower Upper
117 100
119 91.8 76.4 114.6
201 82.5 68.6 102.8



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

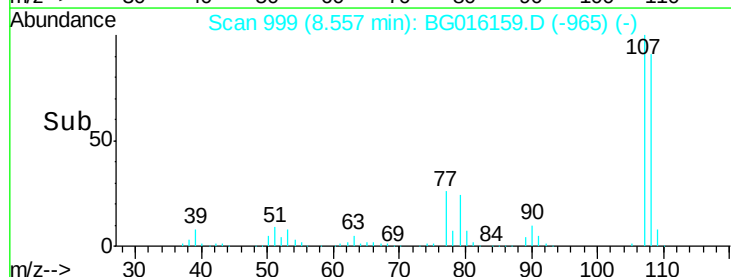
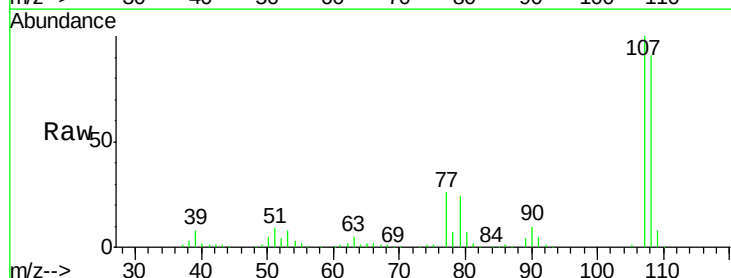
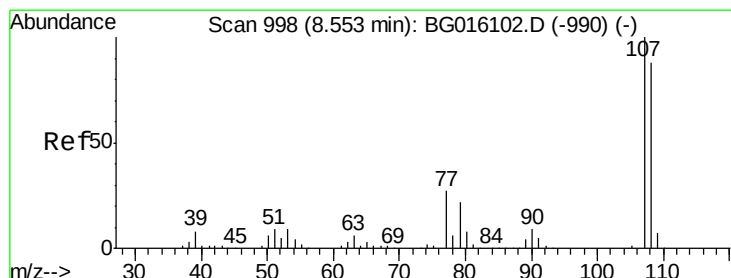
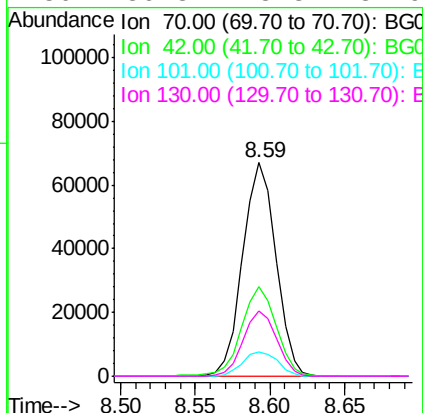




#19
n-Nitroso-di-n-propylamine
Concen: 33.15 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

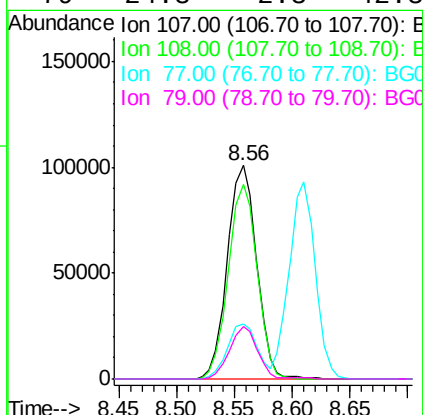
Instrument :
BNA_G
ClientSampleId :
SB23MSD

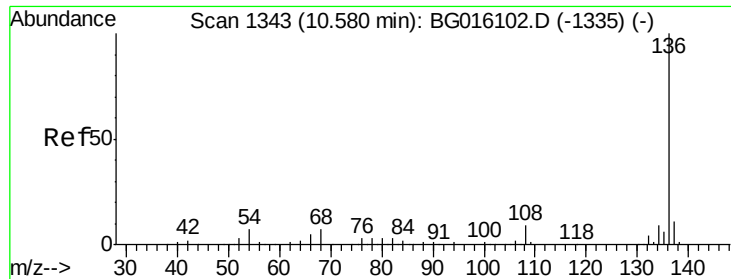
Tgt Ion:	70	Resp:	102864
Ion	Ratio	Lower	Upper
70	100		
42	41.9	33.4	50.2
101	11.7	9.6	14.4
130	30.3	23.3	34.9



#20
3+4-Methylphenols
Concen: 39.83 ng
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:	107	Resp:	177331
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.4	108.4
77	25.8	6.9	46.9
79	24.3	2.3	42.3

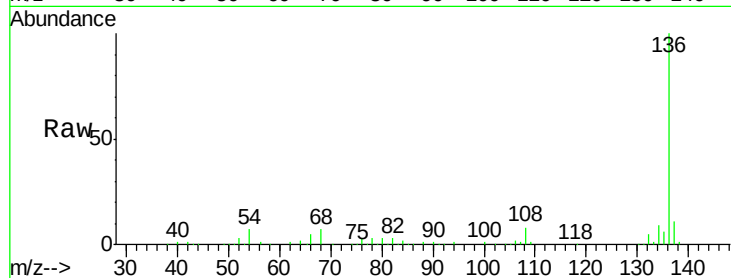




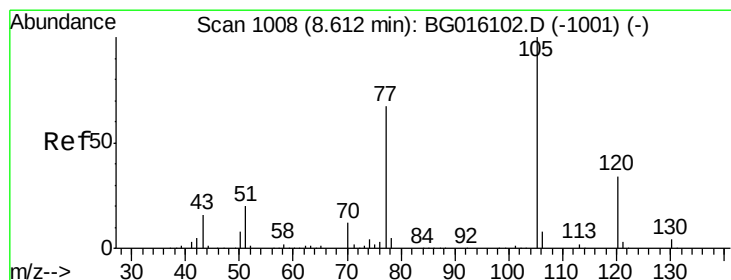
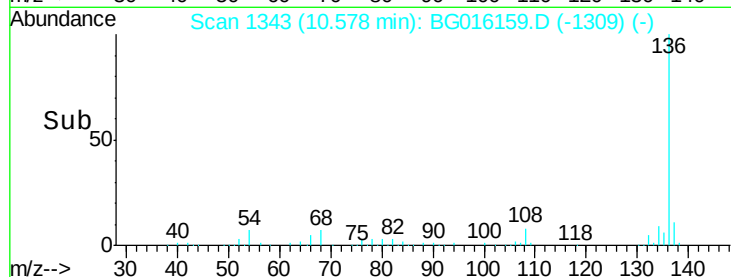
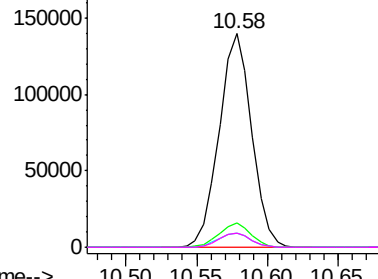
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:	136	Resp:	225734
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	5.5	8.3
68	6.8	6.0	9.0

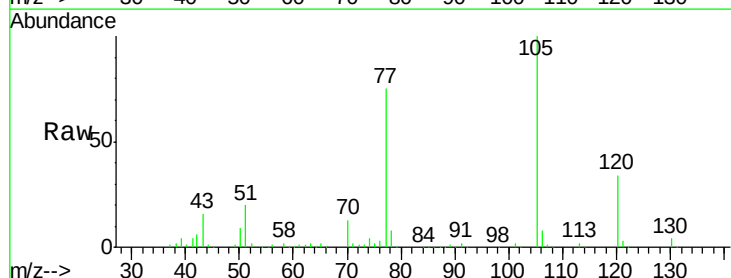


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

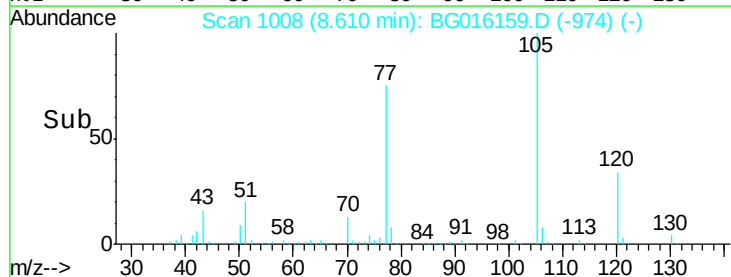
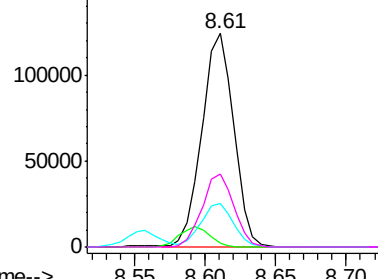


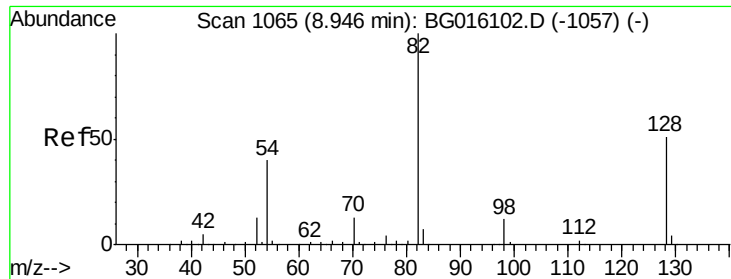
#22
Acetophenone
Concen: 38.45 ng
RT: 8.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:	105	Resp:	195253
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.2	3.2#
51	20.1	17.9	26.9
120	34.3	27.0	40.4



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

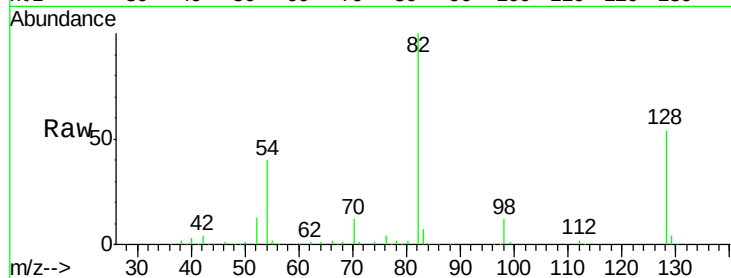




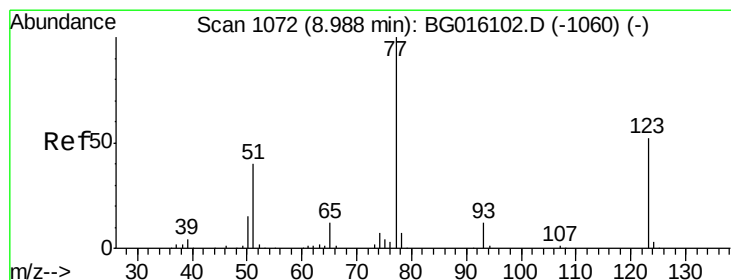
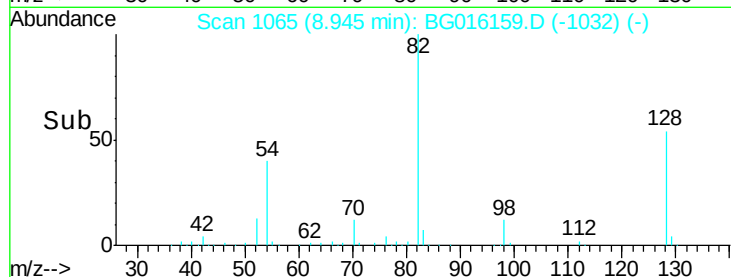
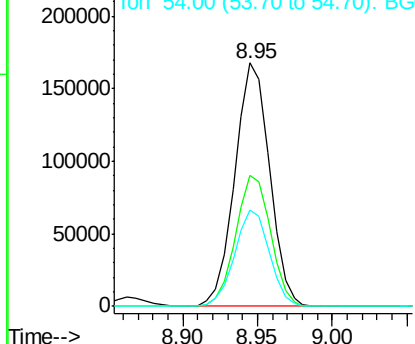
#23
 Nitrobenzene-d5
 Concen: 74.61 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion: 82 Resp: 271639
 Ion Ratio Lower Upper
 82 100
 128 53.8 40.4 60.6
 54 39.7 32.1 48.1

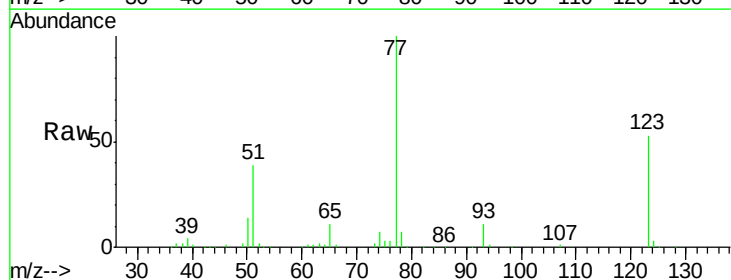


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

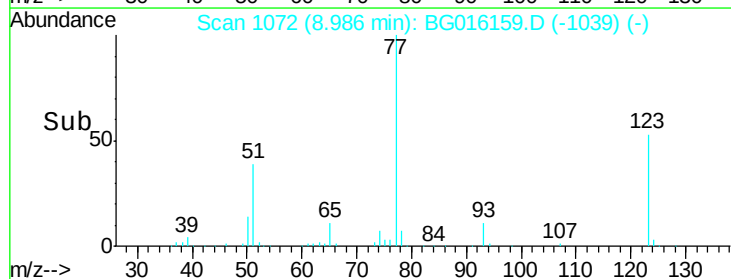
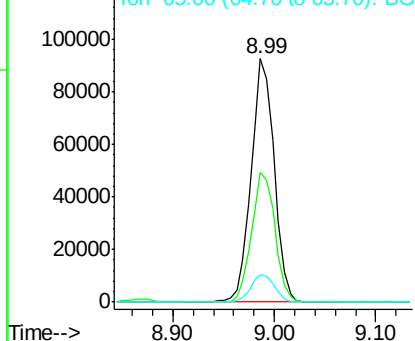


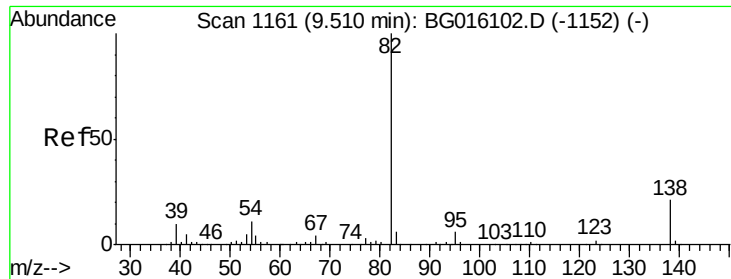
#24
 Nitrobenzene
 Concen: 37.16 ng
 RT: 8.99 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion: 77 Resp: 145676
 Ion Ratio Lower Upper
 77 100
 123 53.2 41.4 62.0
 65 11.5 9.7 14.5



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





#25

Isophorone

Concen: 35.14 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

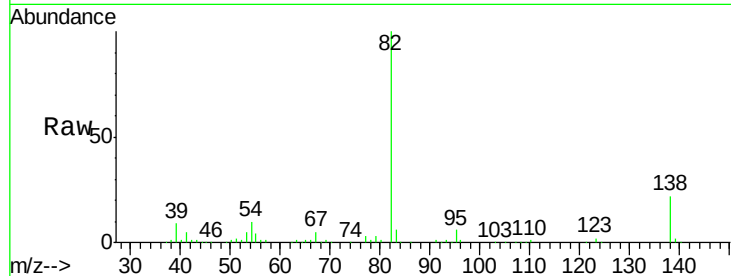
Tgt Ion: 82 Resp: 290304

Ion Ratio Lower Upper

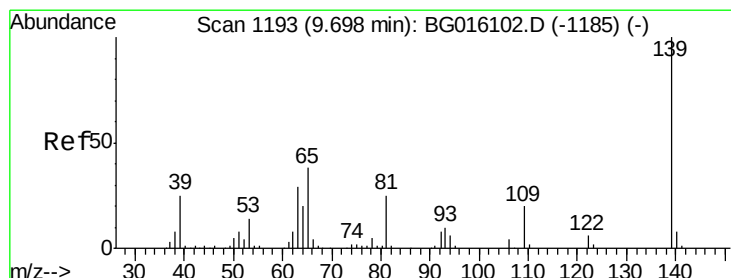
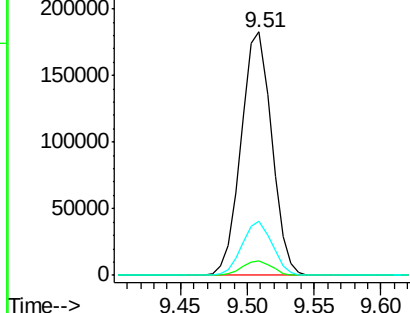
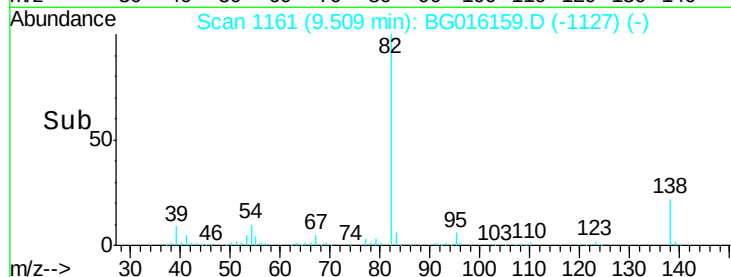
82 100

95 5.9 4.6 6.8

138 22.5 17.1 25.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.27 ng

RT: 9.69 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

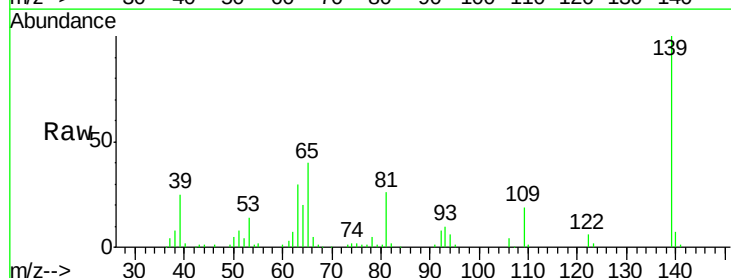
Tgt Ion: 139 Resp: 81268

Ion Ratio Lower Upper

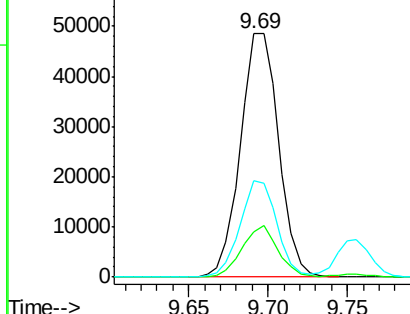
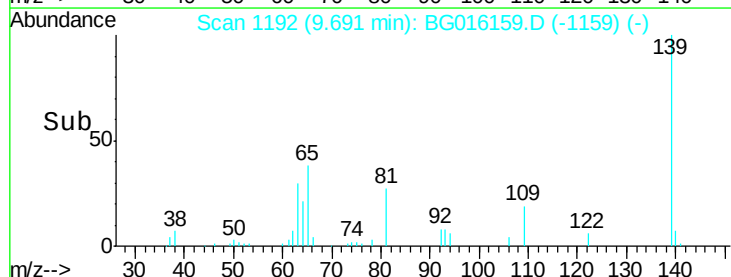
139 100

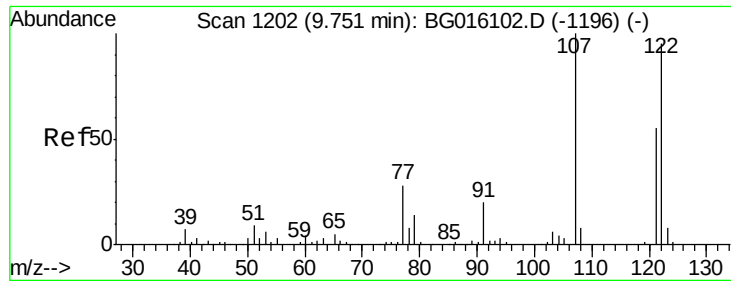
109 18.6 15.7 23.5

65 39.7 30.1 45.1



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





#27

2,4-Dimethylphenol

Concen: 41.00 ng

RT: 9.76 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

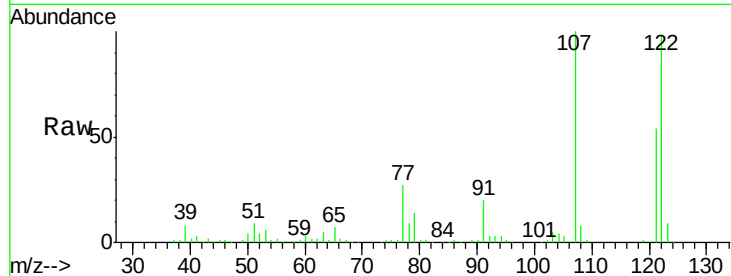
Tgt Ion:122 Resp: 145996

Ion Ratio Lower Upper

122 100

107 102.1 83.6 125.4

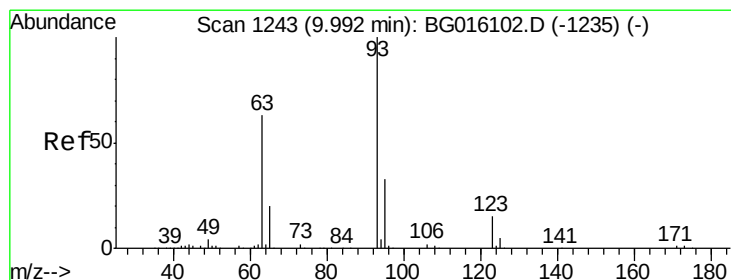
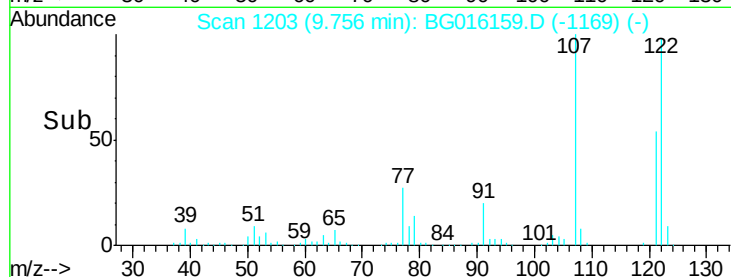
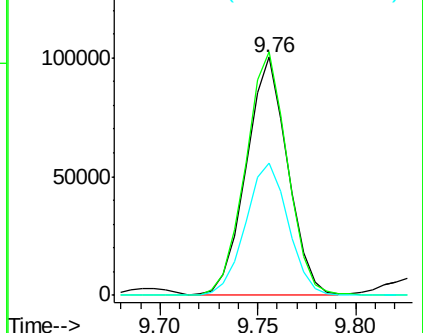
121 55.5 45.6 68.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.25 ng

RT: 9.99 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

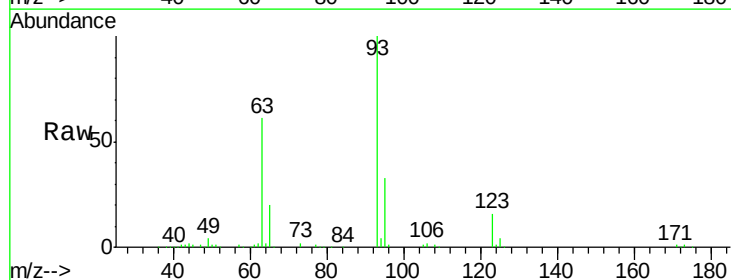
Tgt Ion: 93 Resp: 181385

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

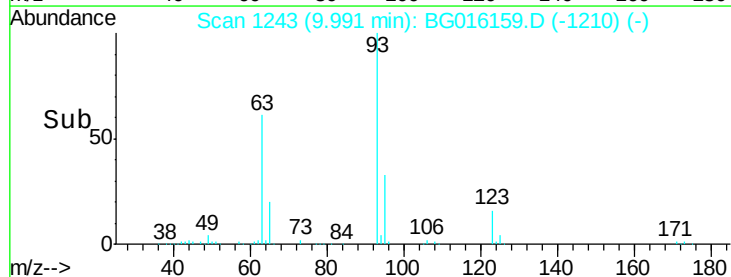
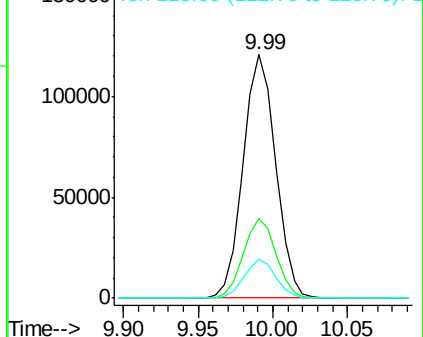
123 15.8 12.3 18.5

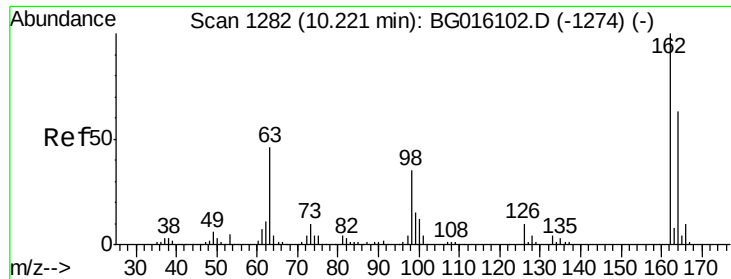


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

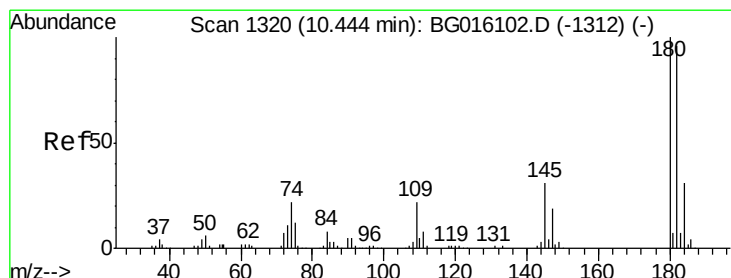
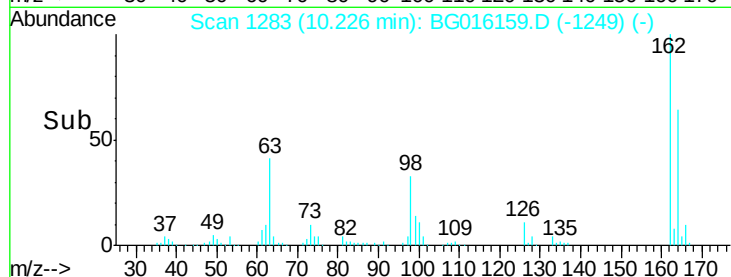
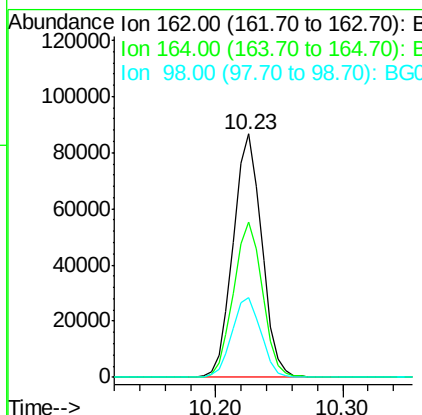
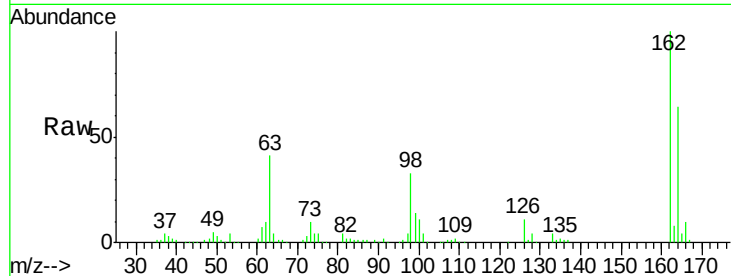




#29
 2,4-Dichlorophenol
 Concen: 43.21 ng
 RT: 10.23 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

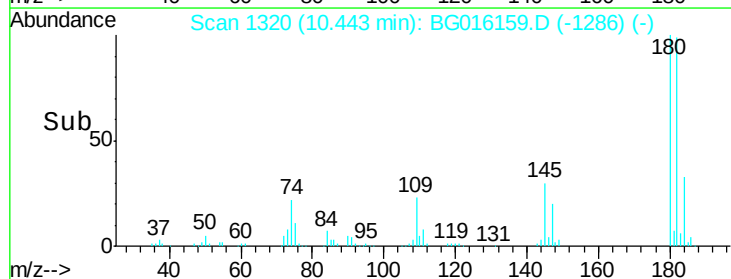
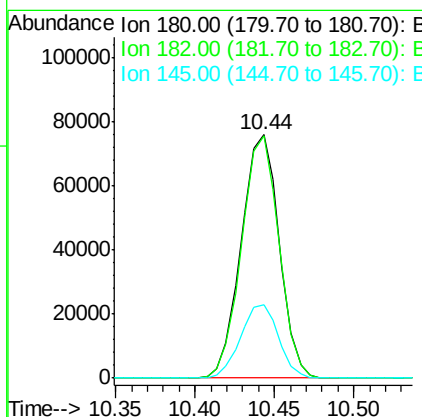
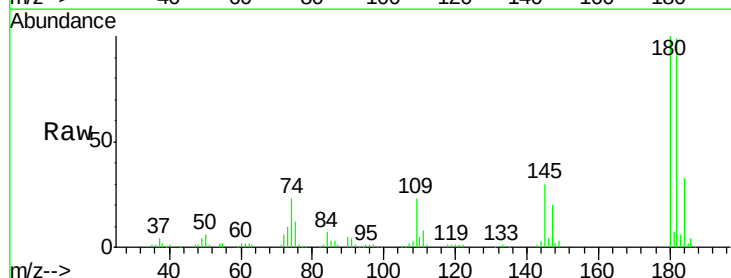
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

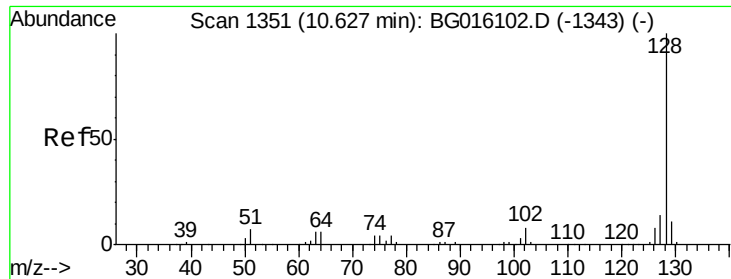
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.5	83.5
98	32.7	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.50 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	30.0	24.8	37.2

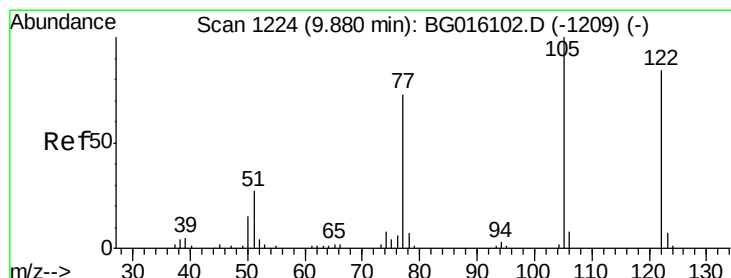
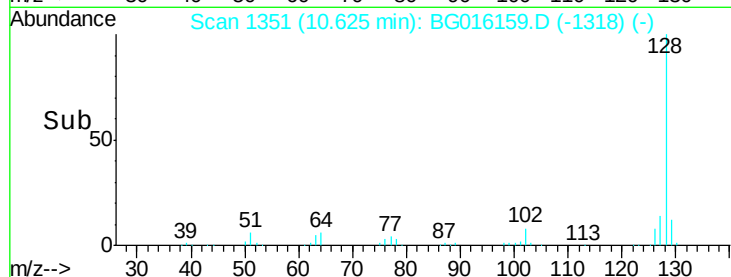
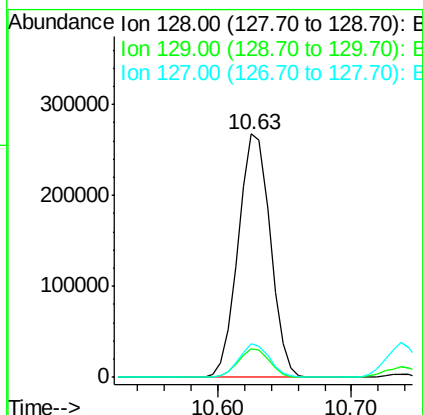
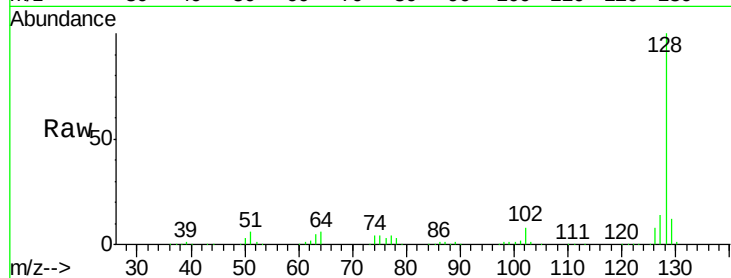




#31
Naphthalene
Concen: 36.83 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

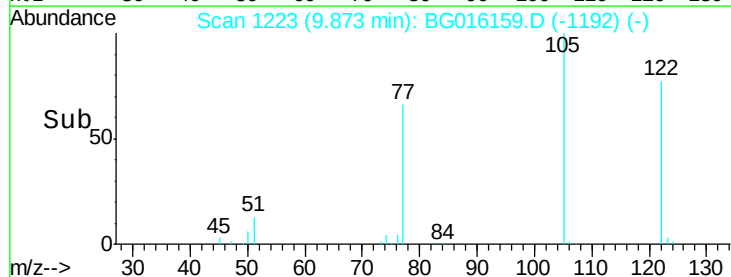
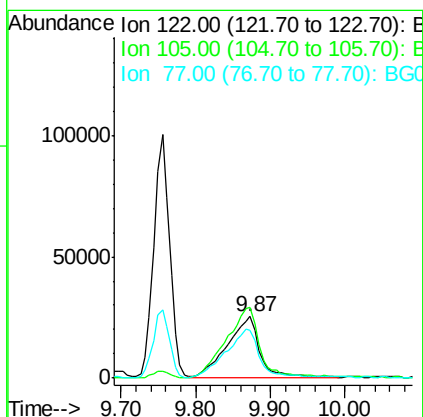
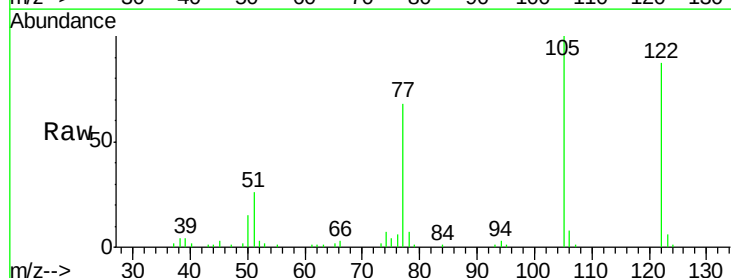
Instrument :
BNA_G
ClientSampleId :
SB23MSD

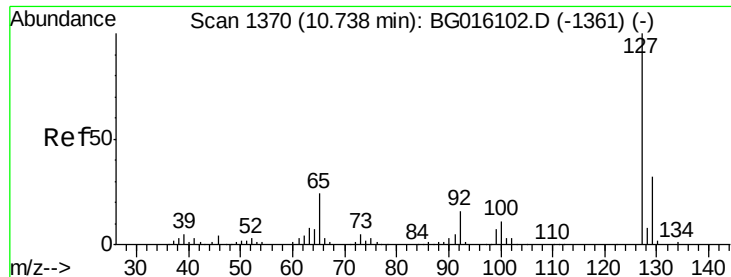
Tgt Ion:128 Resp: 445558
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 34.96 ng
RT: 9.87 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:122 Resp: 78628
Ion Ratio Lower Upper
122 100
105 115.0 97.2 137.2
77 77.9 65.0 105.0

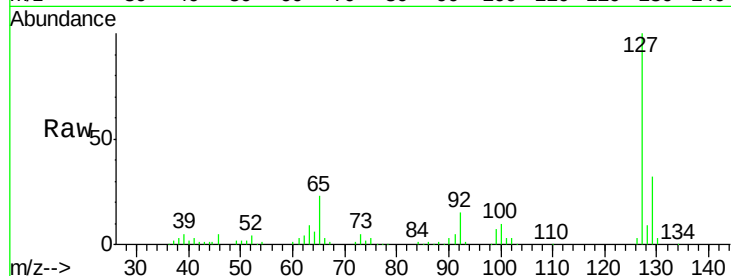




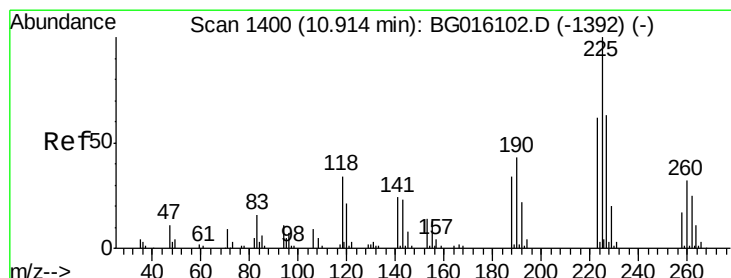
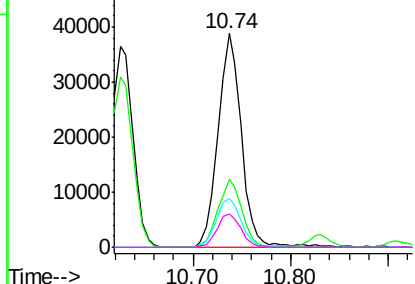
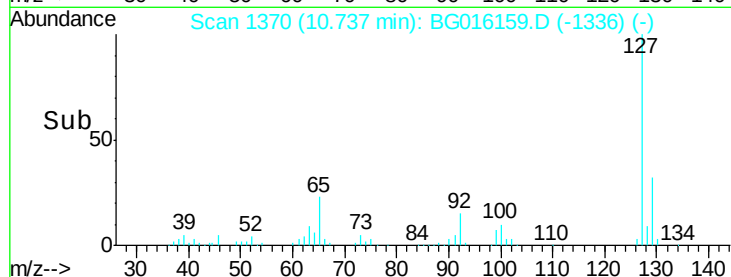
#33
4-Chloroaniline
Concen: 12.14 ng
RT: 10.74 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampled :
SB23MSD

Tgt Ion:127 Resp: 64302
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 23.0 19.5 29.3
92 15.3 13.1 19.7

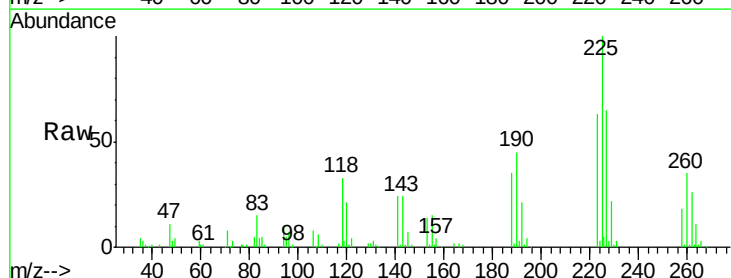


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

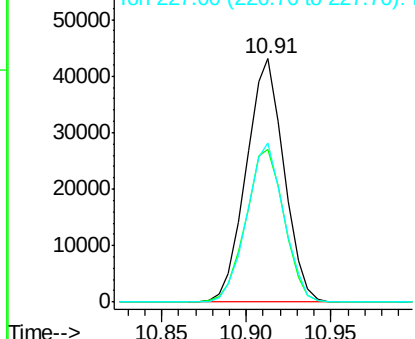
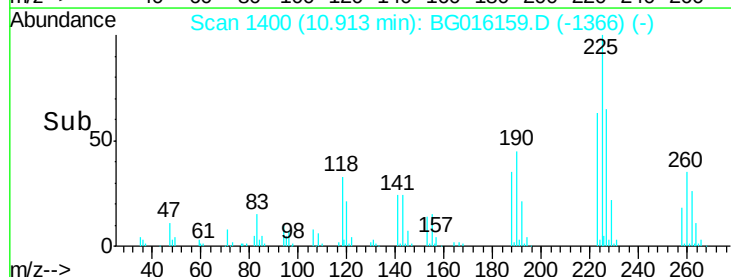


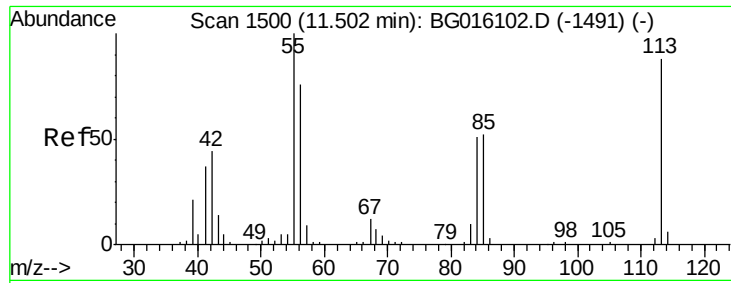
#34
Hexachlorobutadiene
Concen: 36.43 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:225 Resp: 66813
Ion Ratio Lower Upper
225 100
223 62.8 49.5 74.3
227 65.2 50.4 75.6



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

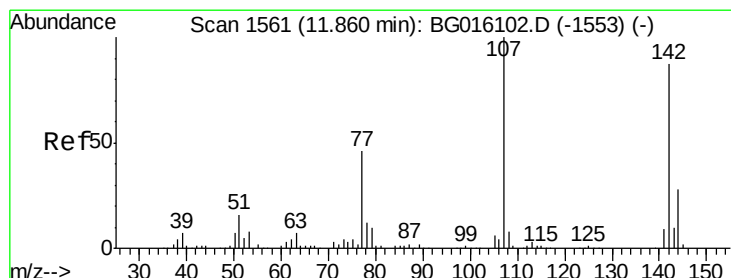
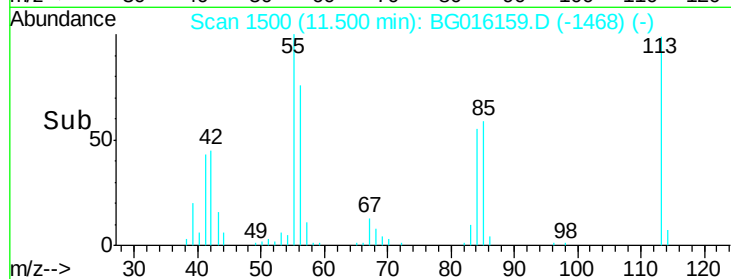
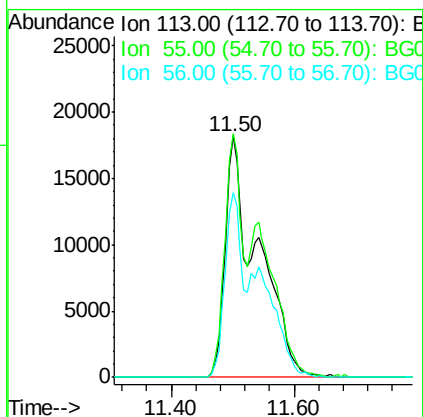
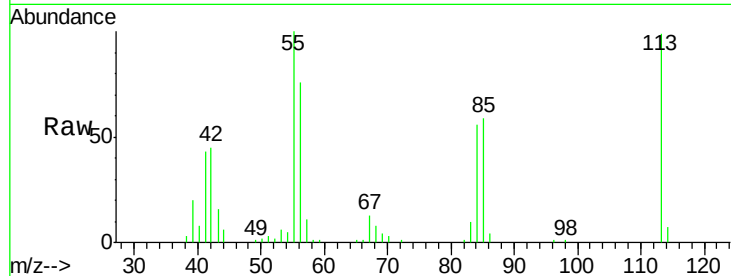




#35
 Caprolactam
 Concen: 39.35 ng m
 RT: 11.50 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

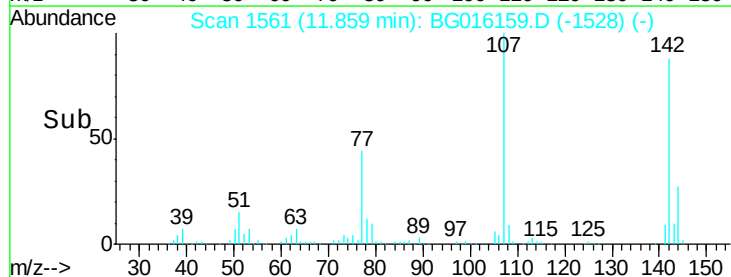
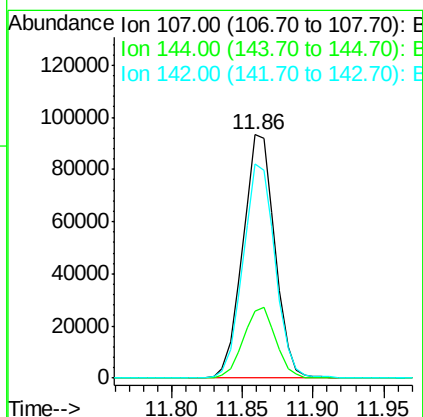
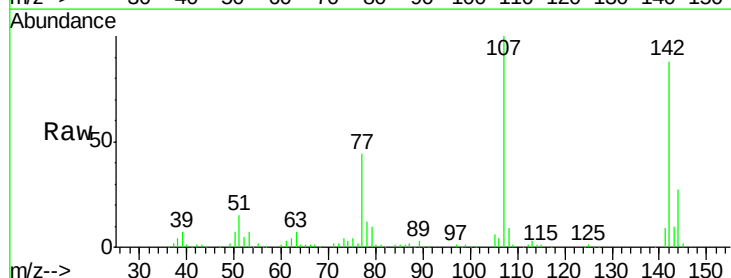
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

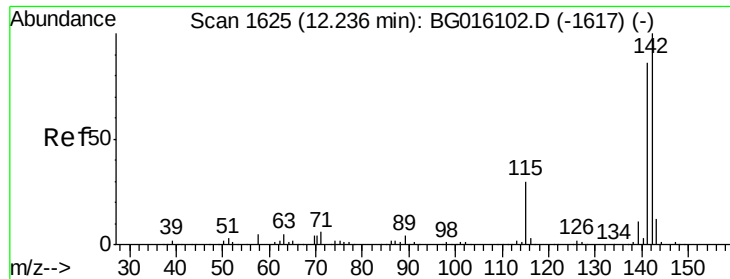
Tgt Ion:113 Resp: 66898
 Ion Ratio Lower Upper
 113 100
 55 101.1 93.9 133.9
 56 76.7 67.1 107.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.26 ng
 RT: 11.86 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:107 Resp: 148692
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.7 34.1
 142 87.7 69.7 104.5

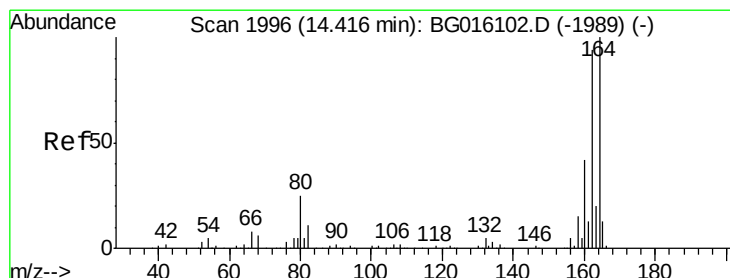
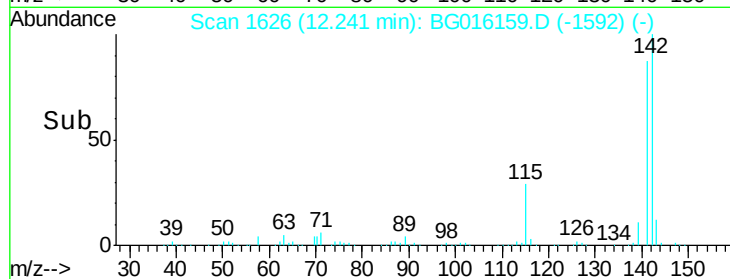
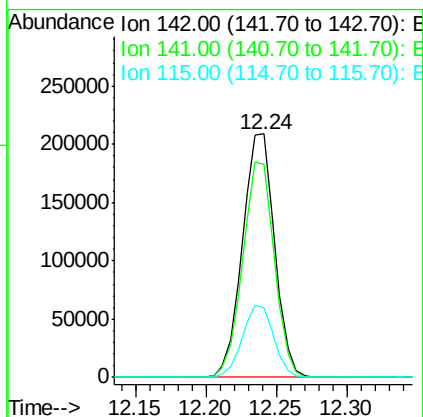
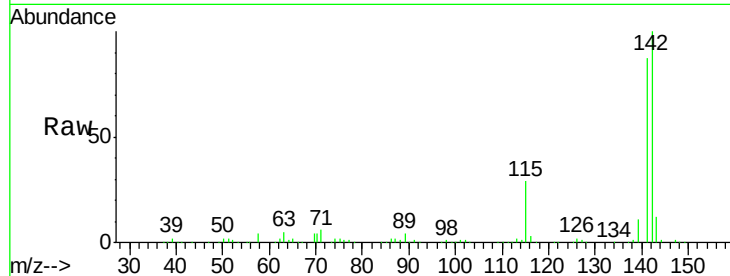




#37
2-Methylnaphthalene
Concen: 38.67 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

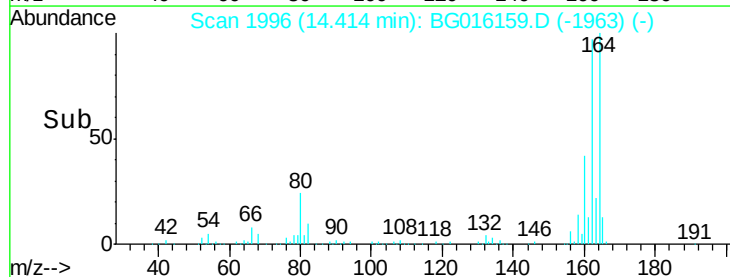
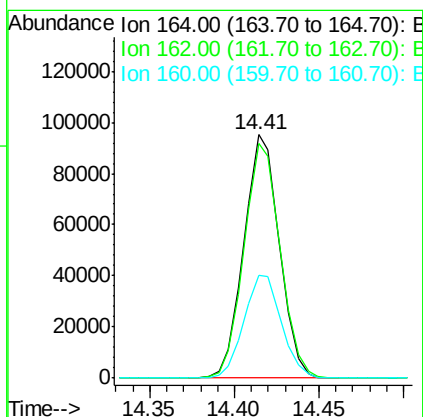
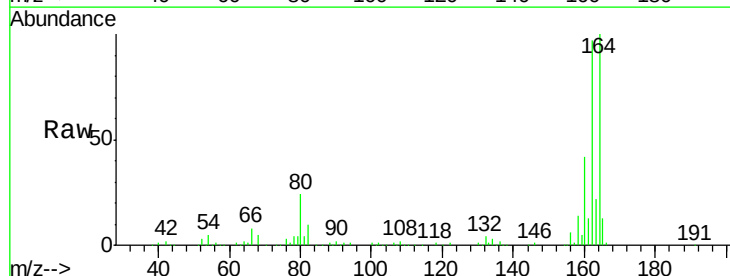
Instrument :
BNA_G
ClientSampleId :
SB23MSD

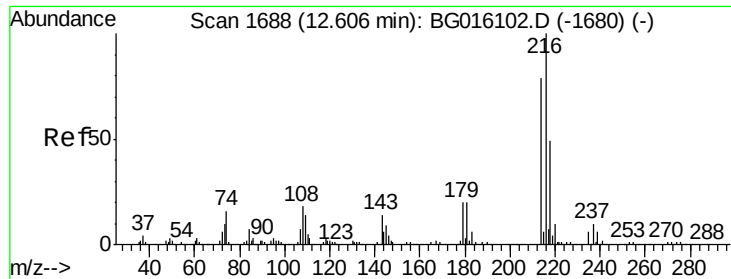
Tgt Ion:142 Resp: 333929
Ion Ratio Lower Upper
142 100
141 87.5 68.6 103.0
115 28.8 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:164 Resp: 138836
Ion Ratio Lower Upper
164 100
162 96.6 75.2 112.8
160 42.4 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.97 ng

RT: 12.60 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

Tgt Ion:216 Resp: 139779

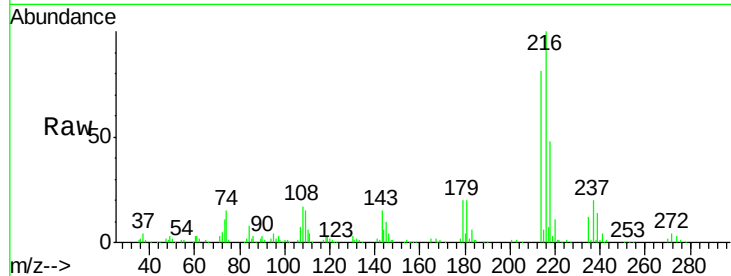
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 19.5 15.4 23.2

108 21.4 15.8 23.6

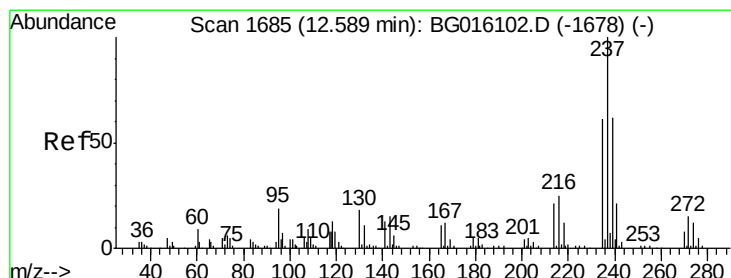
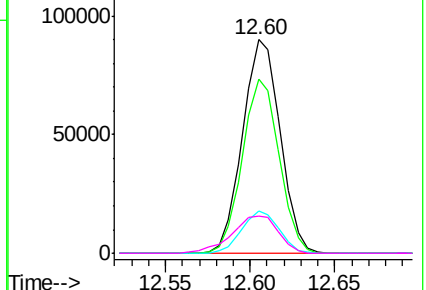
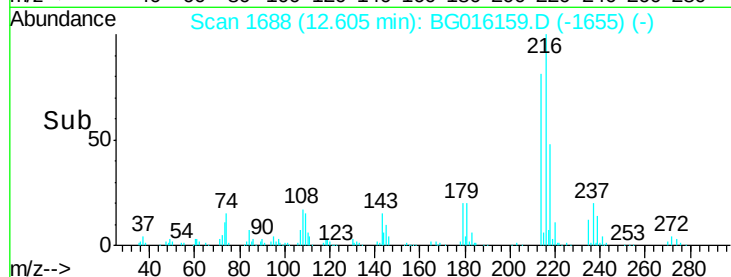


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.30 ng

RT: 12.59 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

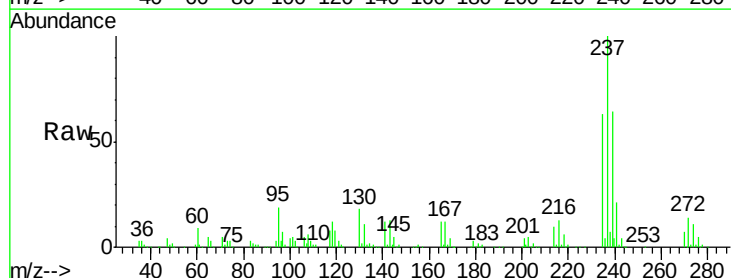
Tgt Ion:237 Resp: 160087

Ion Ratio Lower Upper

237 100

235 62.9 41.5 81.5

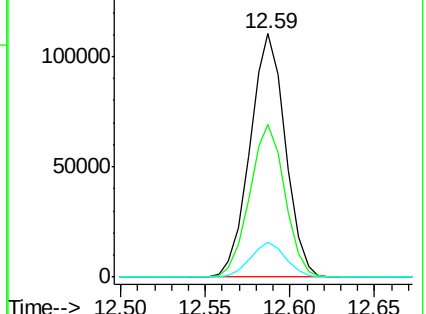
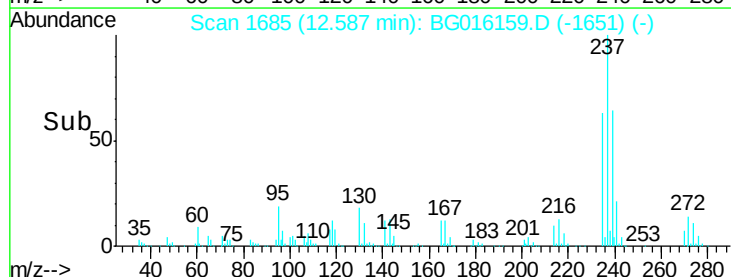
272 14.1 0.0 35.3

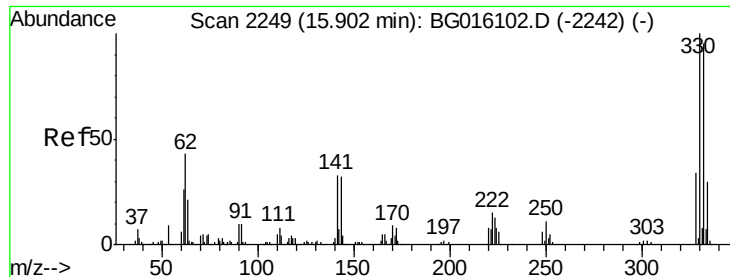


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

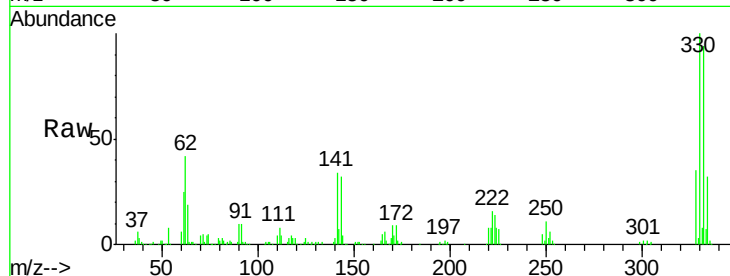




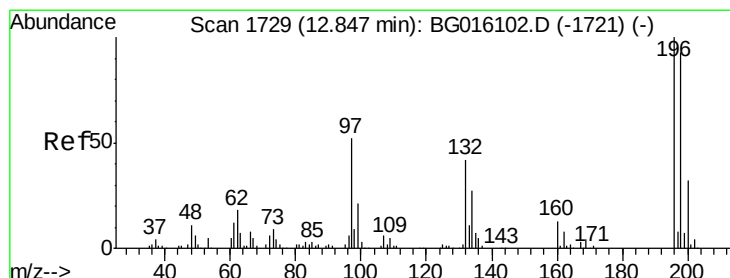
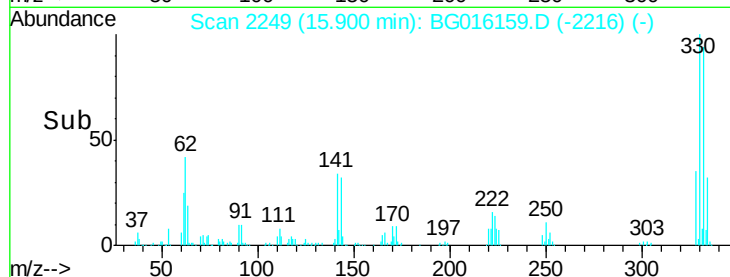
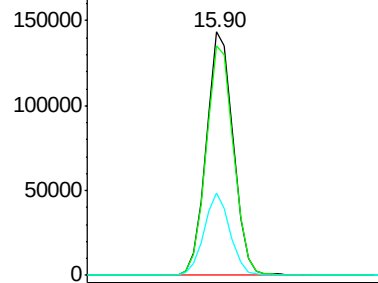
#41
 2,4,6-Tribromophenol
 Concen: 126.62 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	32.7	26.2	39.4

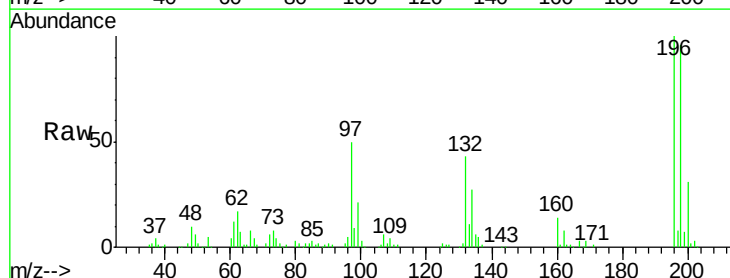


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

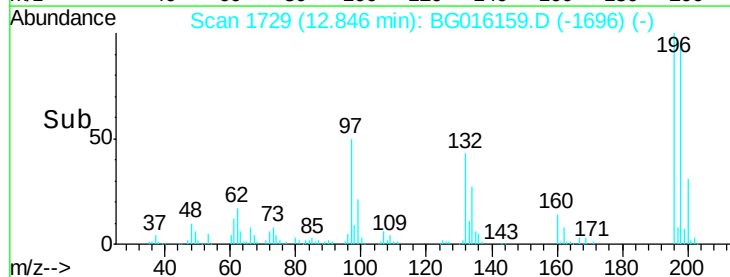
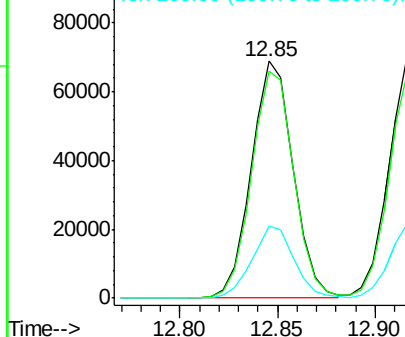


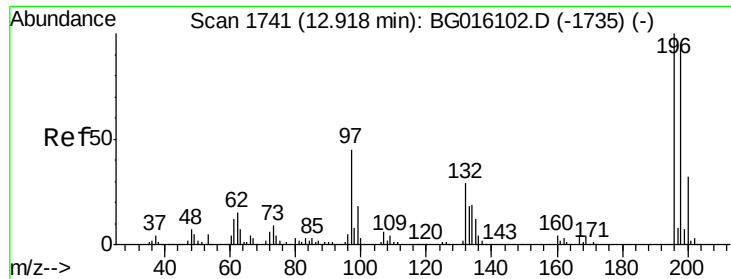
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.0	111.0
200	30.6	25.7	38.5



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

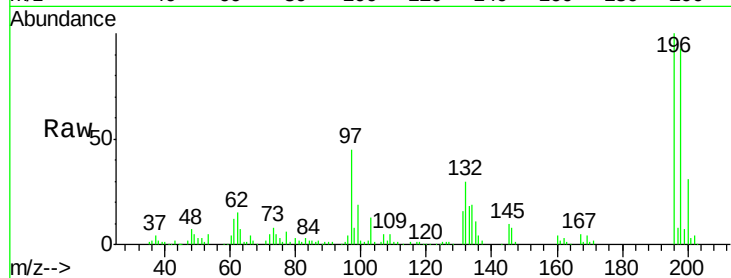




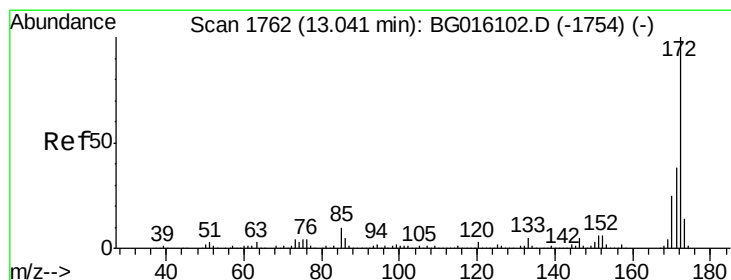
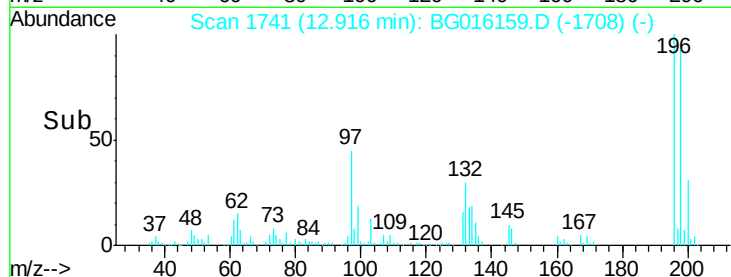
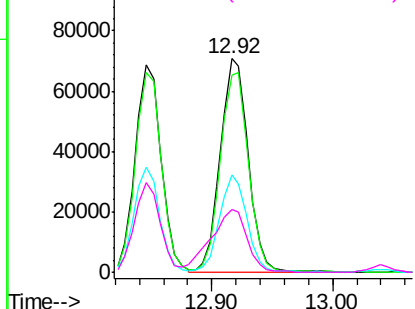
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion:196 Resp: 112664
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.2 114.4
 97 45.4 36.2 54.4
 132 29.5 23.6 35.4

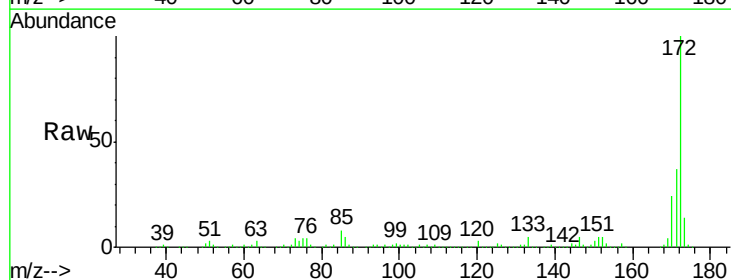


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

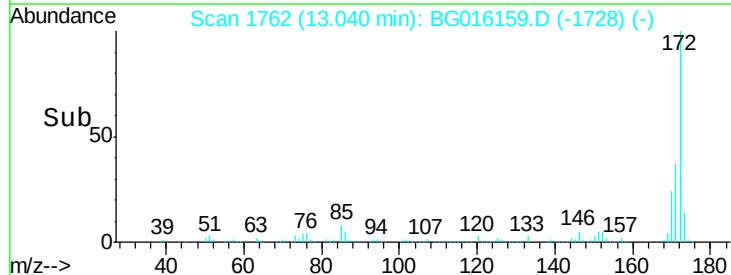
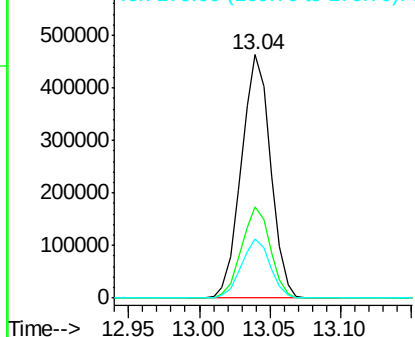


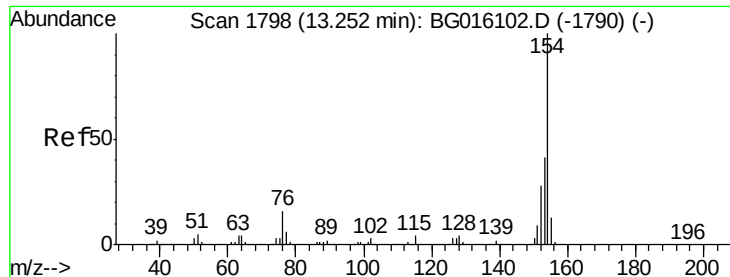
#44
 2-Fluorobiphenyl
 Concen: 80.68 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:172 Resp: 669222
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.3 45.5
 170 24.3 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

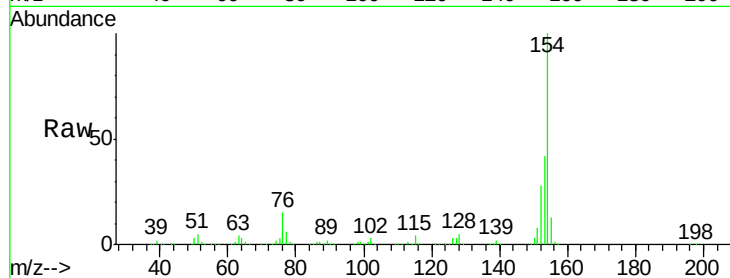




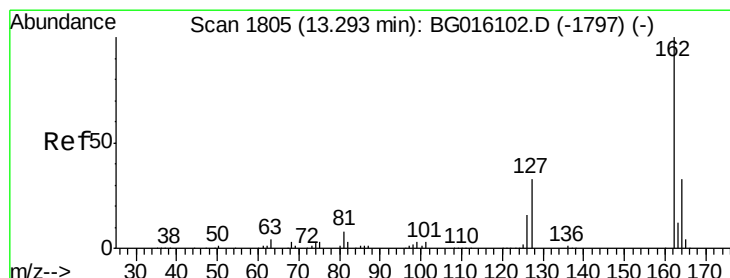
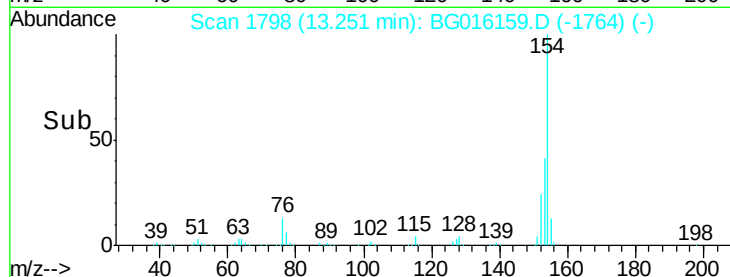
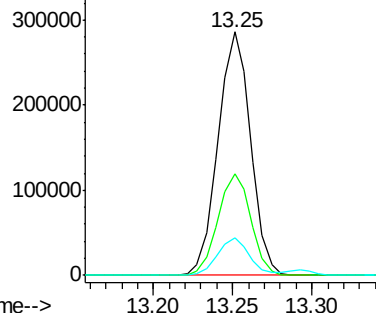
#45
 1,1'-Biphenyl
 Concen: 40.00 ng
 RT: 13.25 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	15.3	0.0	35.5

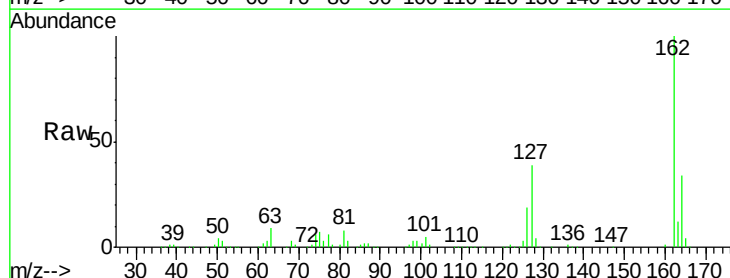


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

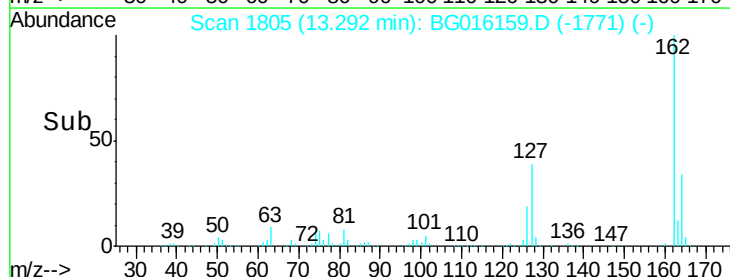
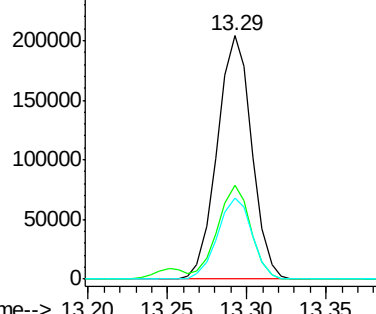


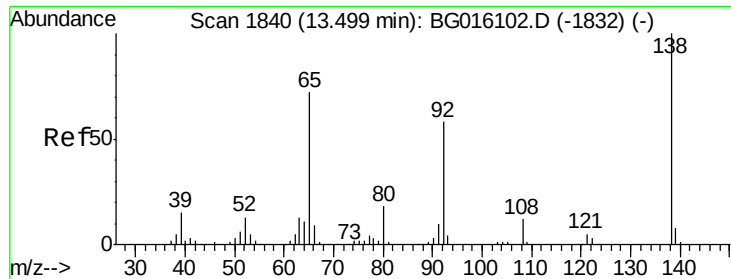
#46
 2-Chloronaphthalene
 Concen: 38.77 ng
 RT: 13.29 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.4	44.2
164	33.5	26.1	39.1



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

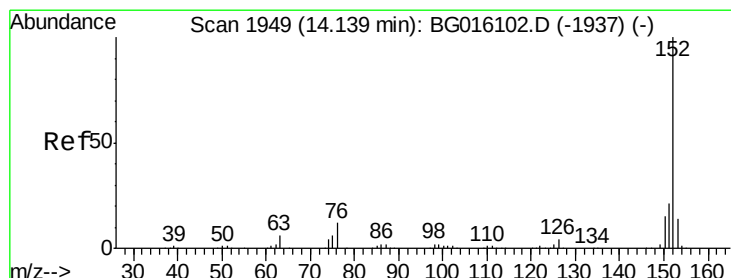
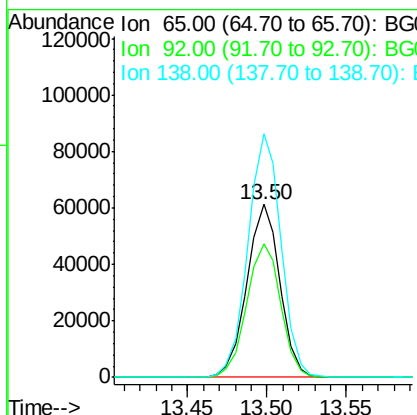
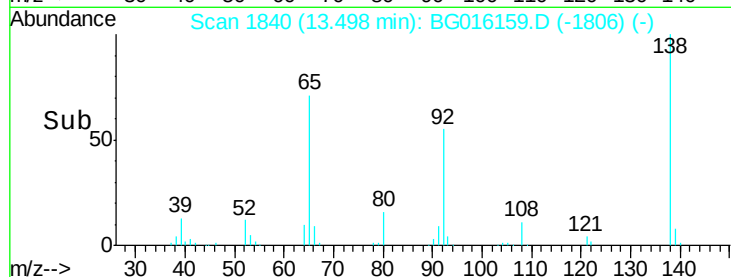
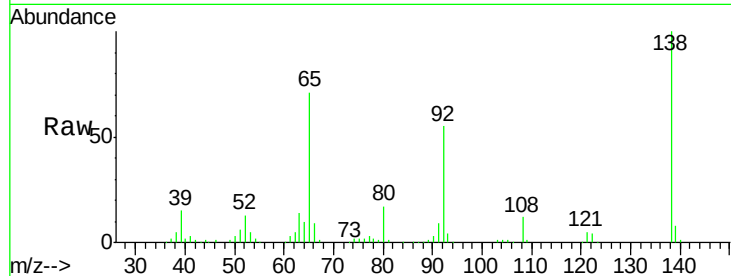




#47
 2-Nitroaniline
 Concen: 38.79 ng
 RT: 13.50 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

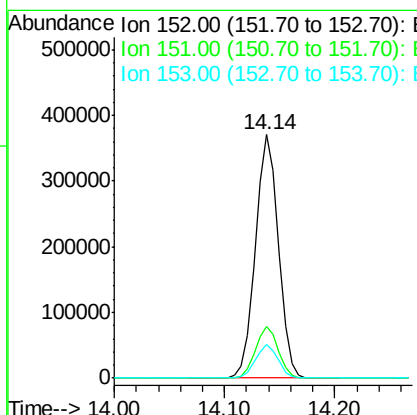
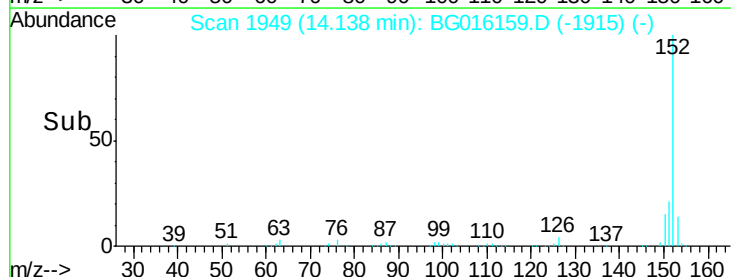
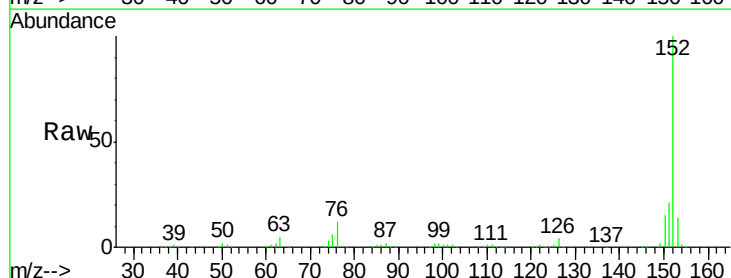
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

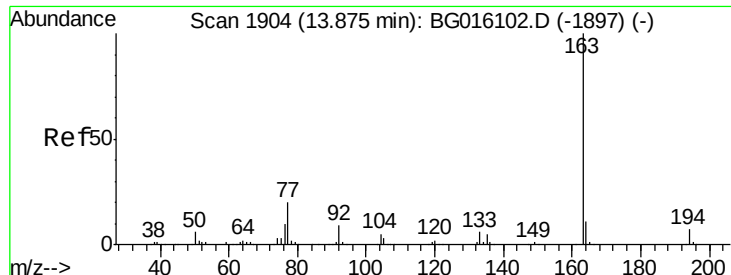
Tgt Ion: 65 Resp: 88490
 Ion Ratio Lower Upper
 65 100
 92 77.4 64.2 96.4
 138 140.9 110.4 165.6



#48
 Acenaphthylene
 Concen: 37.37 ng
 RT: 14.14 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion: 152 Resp: 542260
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.4
 153 13.9 11.0 16.4





#49

Dimethylphthalate

Concen: 42.64 ng

RT: 13.87 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

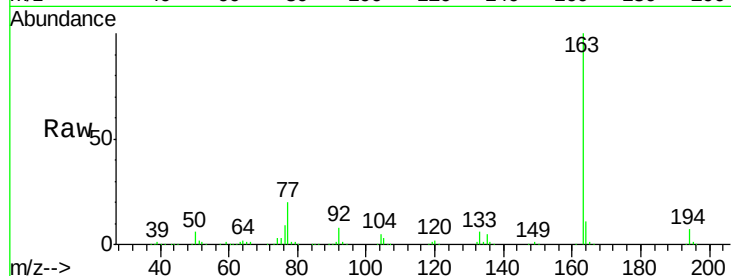
Tgt Ion:163 Resp: 415090

Ion Ratio Lower Upper

163 100

194 6.8 5.4 8.0

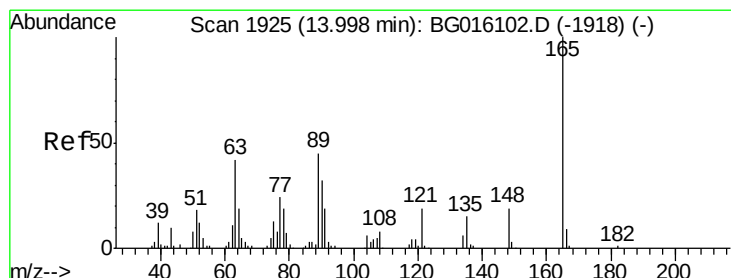
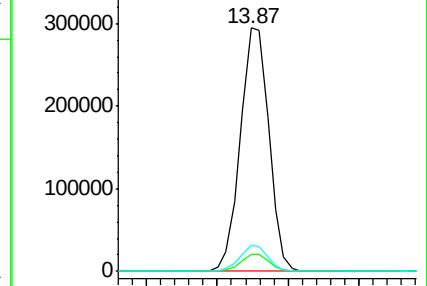
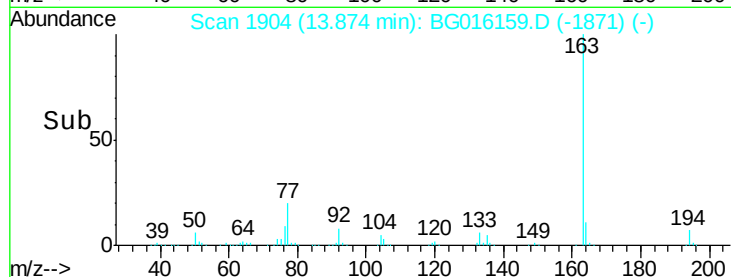
164 10.7 8.6 13.0



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: 41.16 ng

RT: 14.00 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

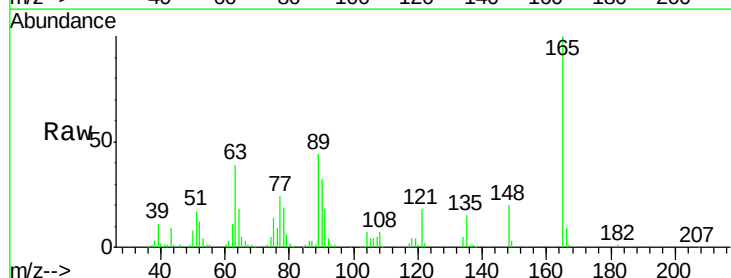
Tgt Ion:165 Resp: 95040

Ion Ratio Lower Upper

165 100

63 38.7 33.8 50.6

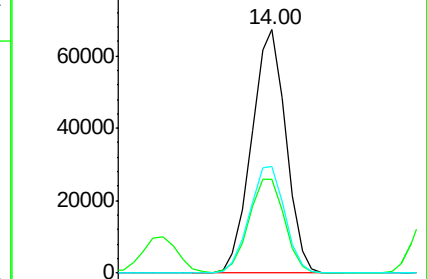
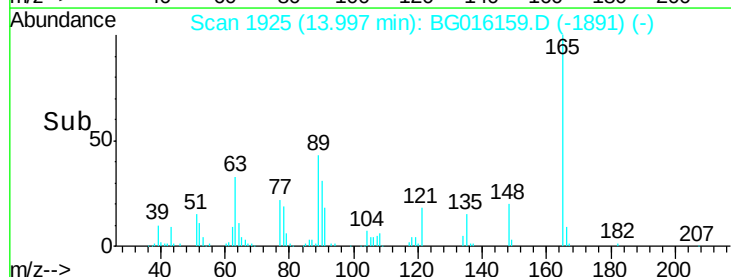
89 43.7 35.8 53.8

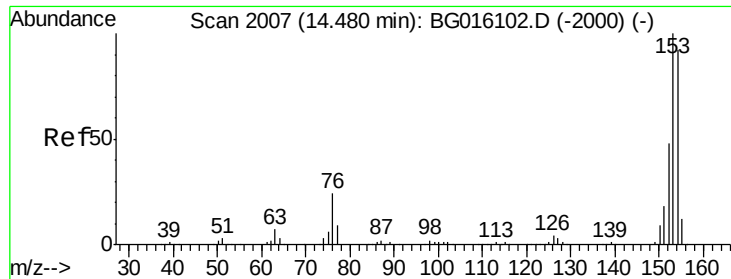


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 37.62 ng

RT: 14.48 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

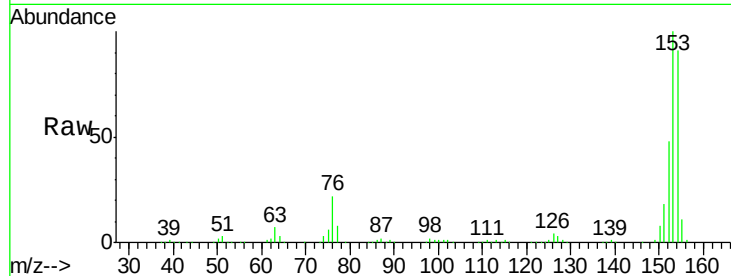
Tgt Ion:154 Resp: 329280

Ion Ratio Lower Upper

154 100

153 109.9 87.2 130.8

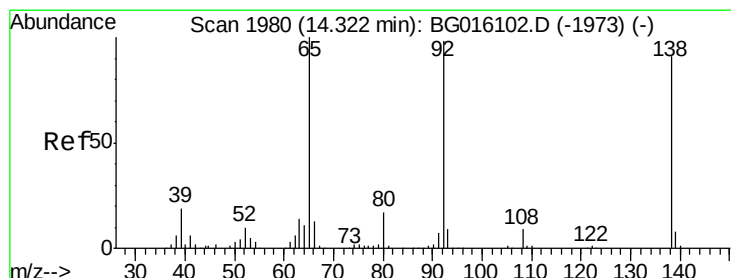
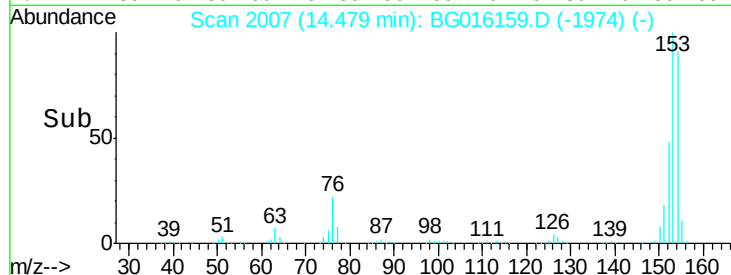
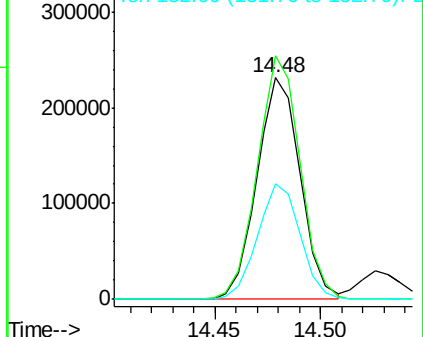
152 52.4 41.8 62.6



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: 24.42 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

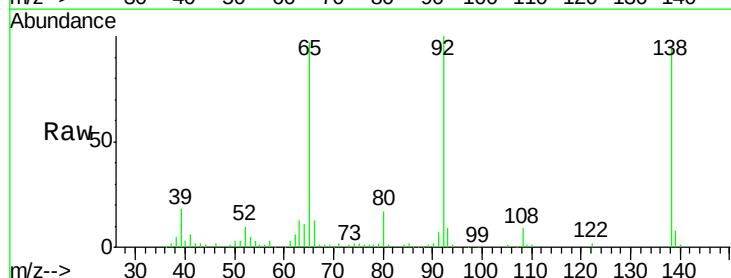
Tgt Ion:138 Resp: 69052

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.6

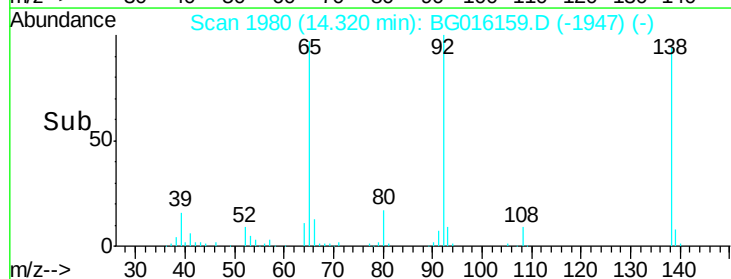
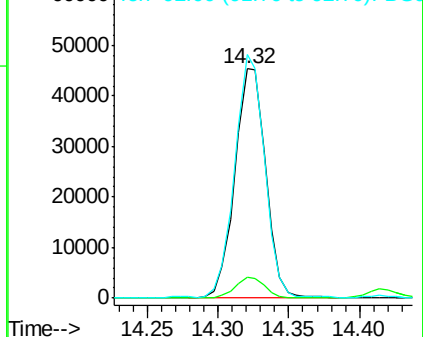
92 106.1 85.8 128.8

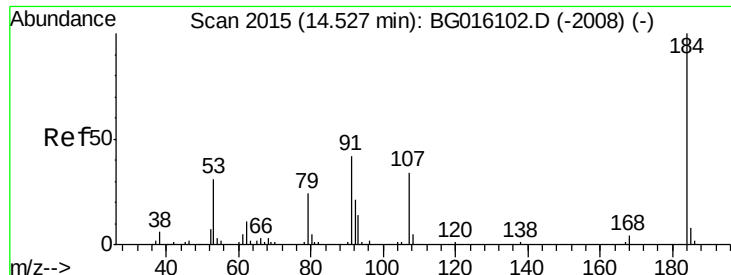


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

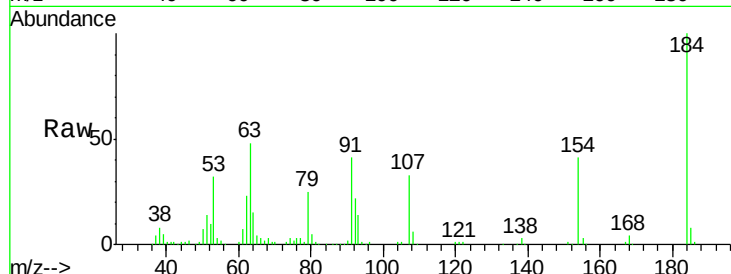




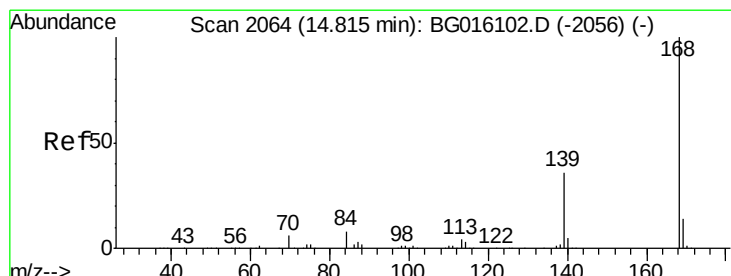
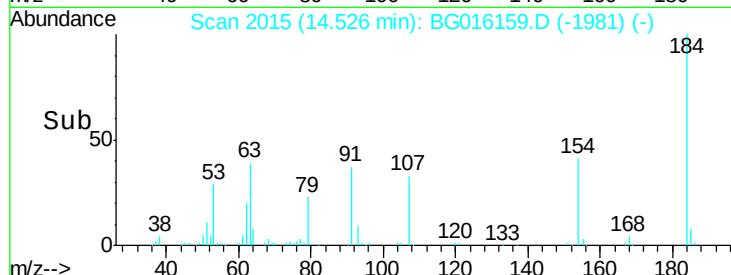
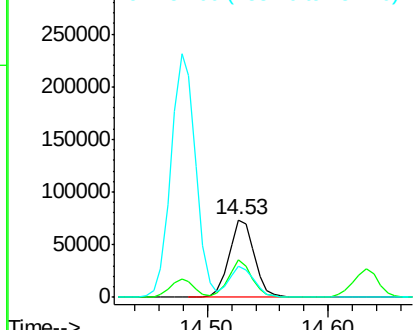
#53
2,4-Dinitrophenol
Concen: 76.11 ng
RT: 14.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:184 Resp: 107392
Ion Ratio Lower Upper
184 100
63 47.9 36.5 54.7
154 40.7 30.2 45.4

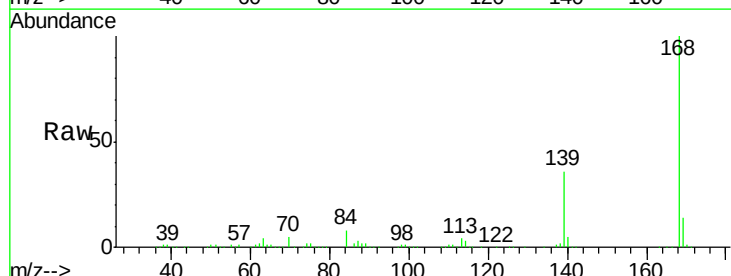


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

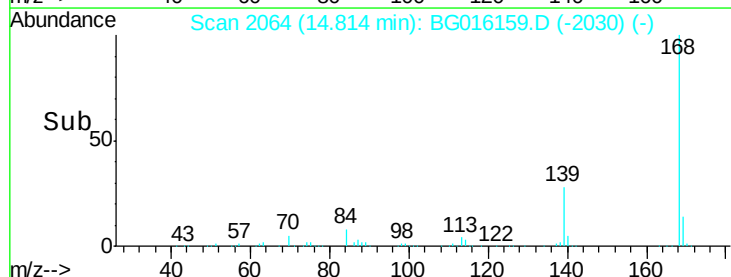
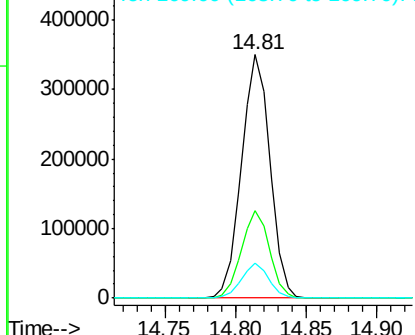


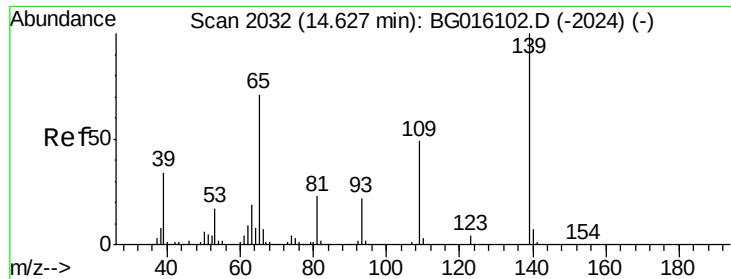
#54
Dibenzofuran
Concen: 40.26 ng
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:168 Resp: 492354
Ion Ratio Lower Upper
168 100
139 35.9 29.0 43.4
169 14.2 11.1 16.7



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

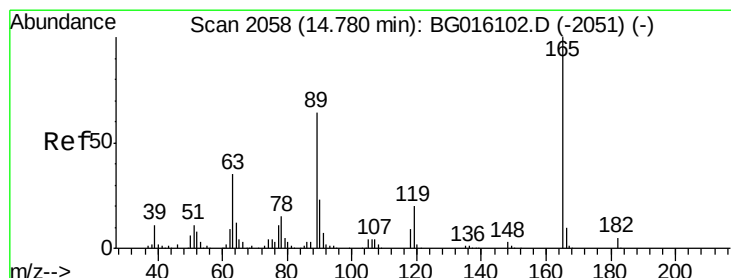
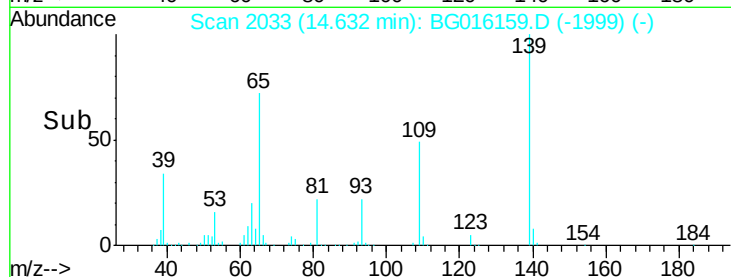
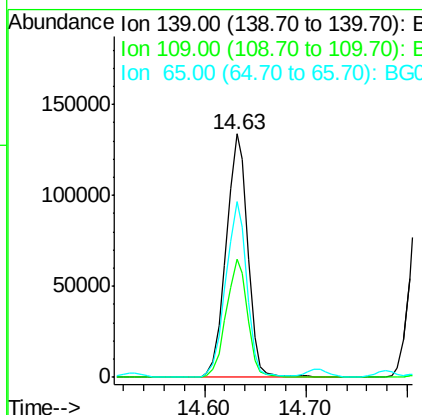
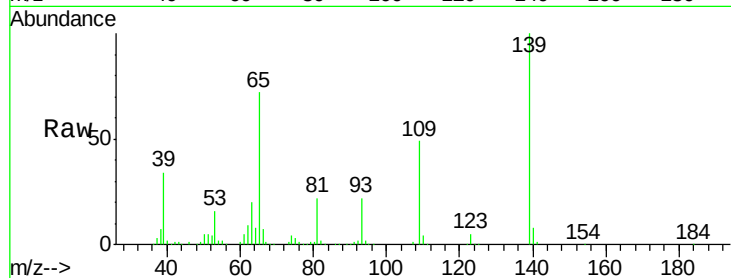




#55
4-Nitrophenol
Concen: 86.76 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

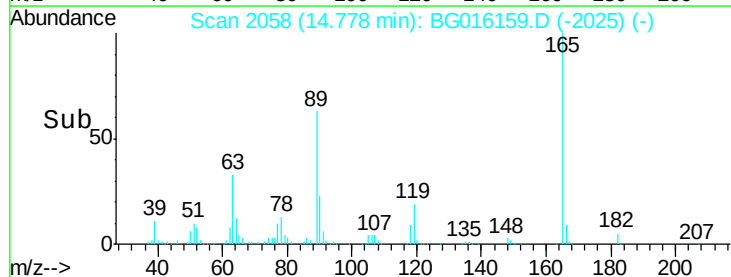
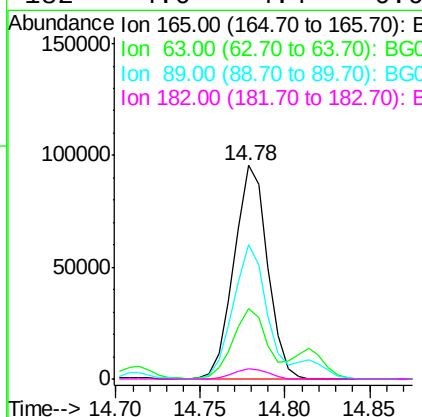
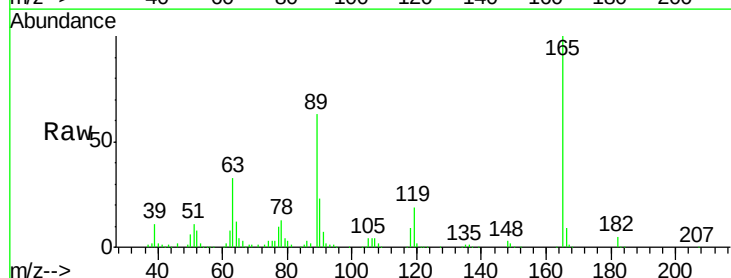
Instrument :
BNA_G
ClientSampleId :
SB23MSD

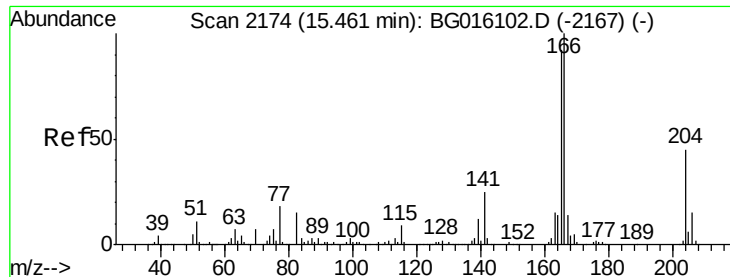
Tgt Ion:139 Resp: 198713
Ion Ratio Lower Upper
139 100
109 48.7 28.7 68.7
65 72.0 50.7 90.7



#56
2,4-Dinitrotoluene
Concen: 41.70 ng
RT: 14.78 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:165 Resp: 131945
Ion Ratio Lower Upper
165 100
63 33.2 27.8 41.6
89 63.1 51.2 76.8
182 4.6 4.4 6.6





#57

Fluorene

Concen: 38.97 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

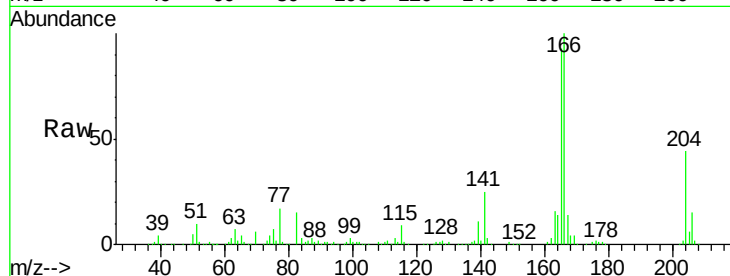
Tgt Ion:166 Resp: 425267

Ion Ratio Lower Upper

166 100

165 93.4 73.9 110.9

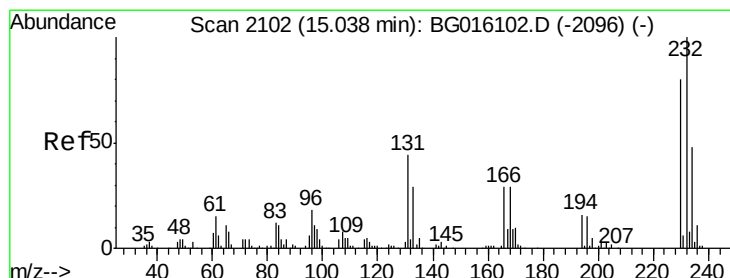
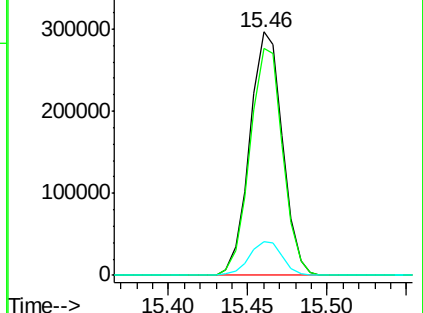
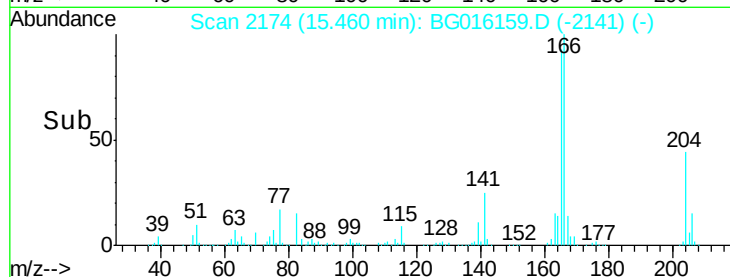
167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.86 ng

RT: 15.04 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Tgt Ion:232 Resp: 104067

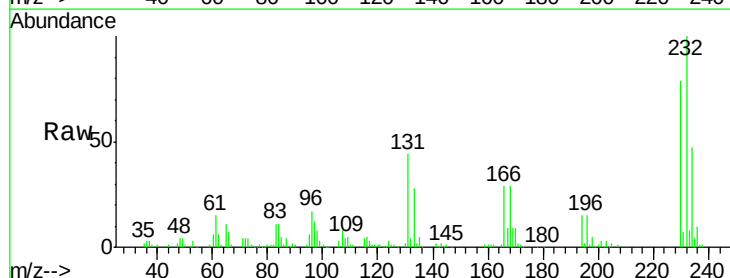
Ion Ratio Lower Upper

232 100

131 42.6 36.0 54.0

130 2.2 1.9 2.9

166 29.4 24.1 36.1

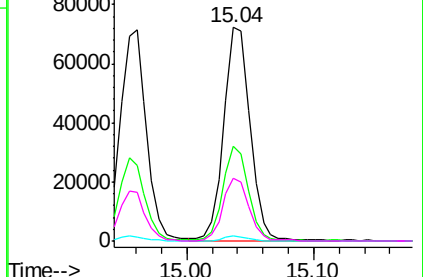
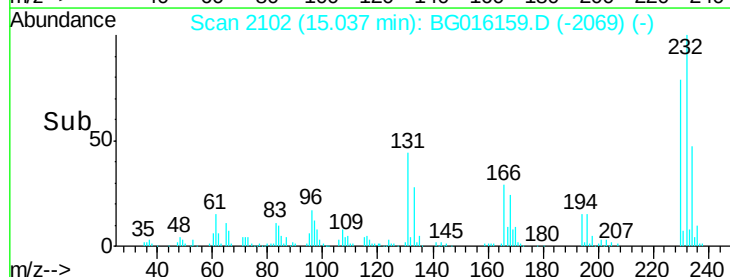


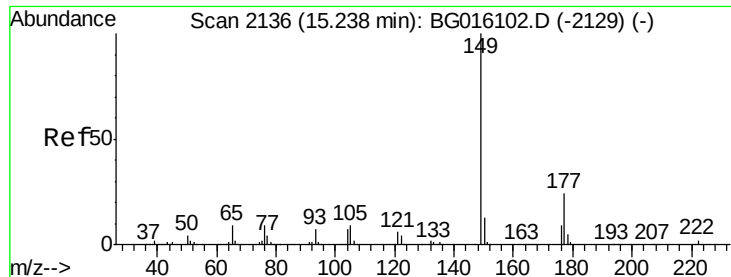
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

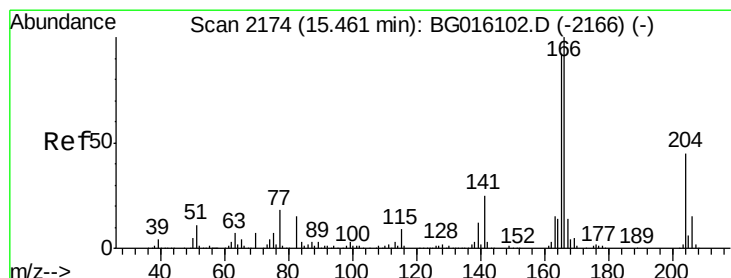
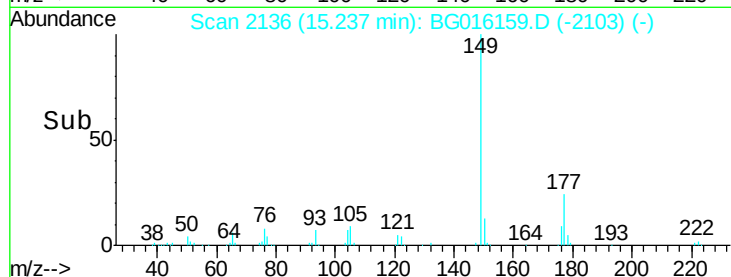
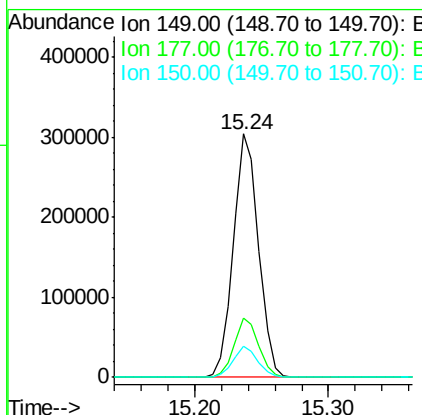
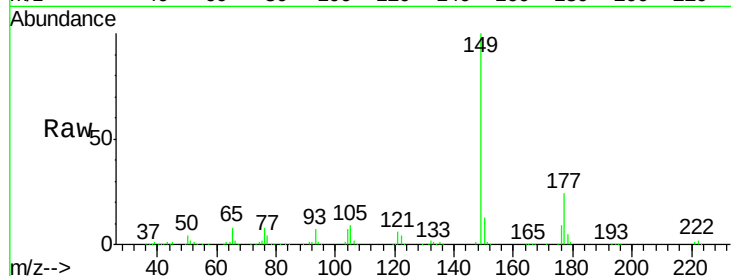




#59
Diethylphthalate
Concen: 39.79 ng
RT: 15.24 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

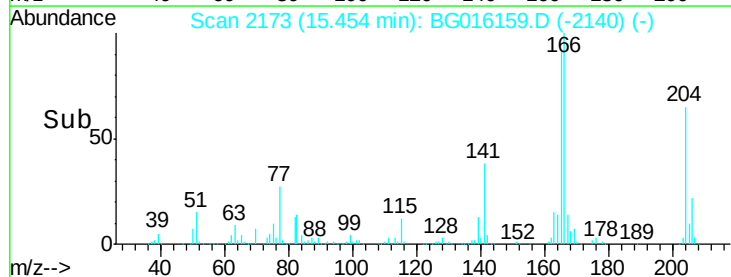
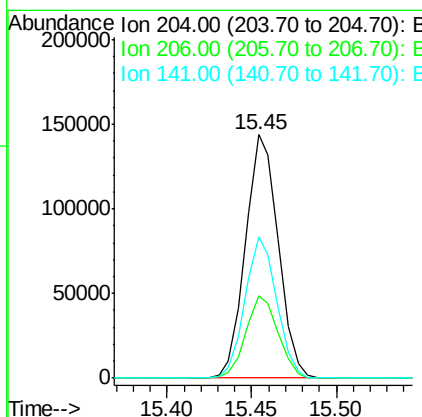
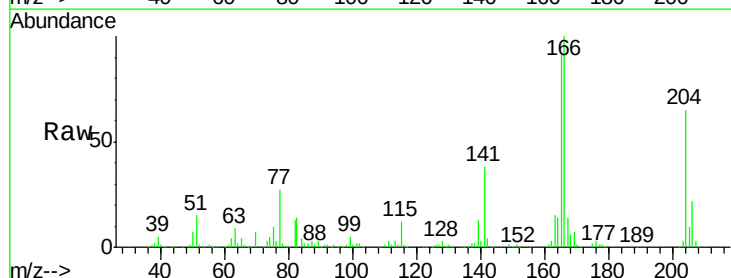
Instrument :
BNA_G
ClientSampleId :
SB23MSD

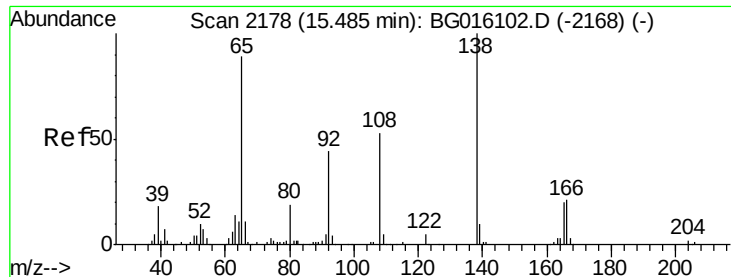
Tgt Ion:149 Resp: 398311
Ion Ratio Lower Upper
149 100
177 24.3 19.5 29.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.30 ng
RT: 15.45 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:204 Resp: 193462
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 58.2 45.0 67.6

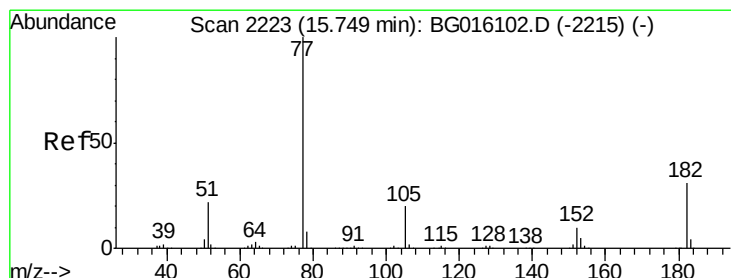
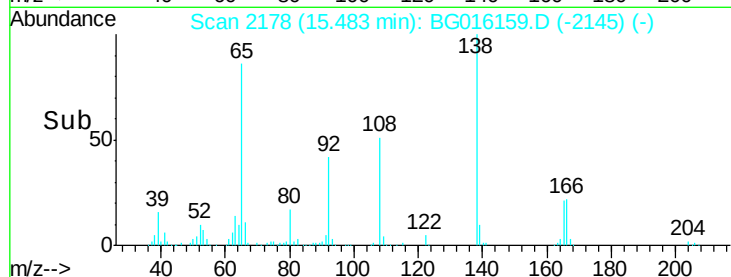
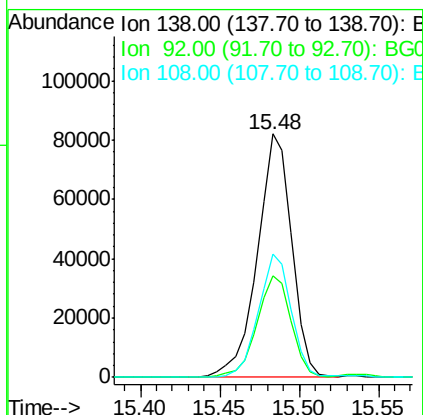
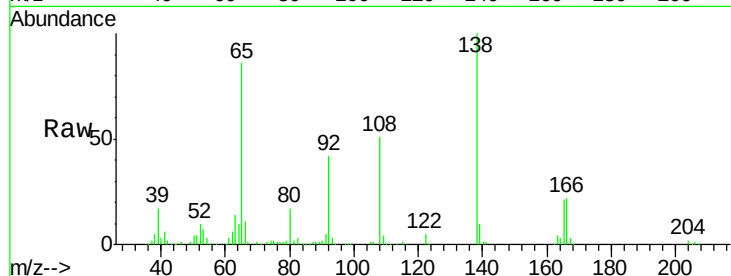




#61
4-Nitroaniline
Concen: 38.78 ng
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

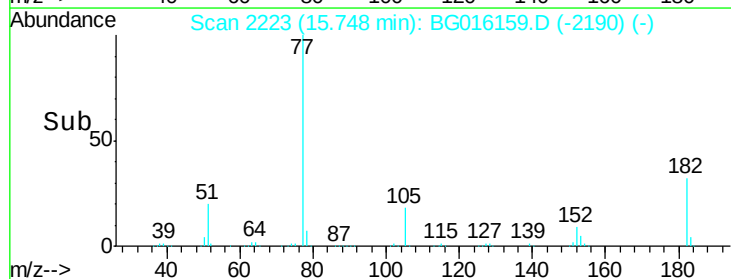
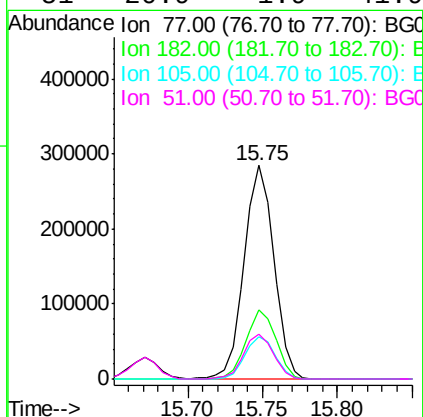
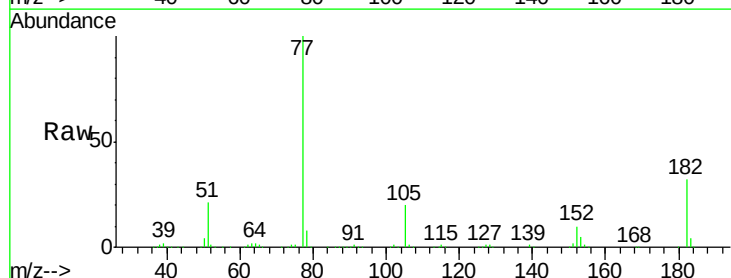
Instrument :
BNA_G
ClientSampled :
SB23MSD

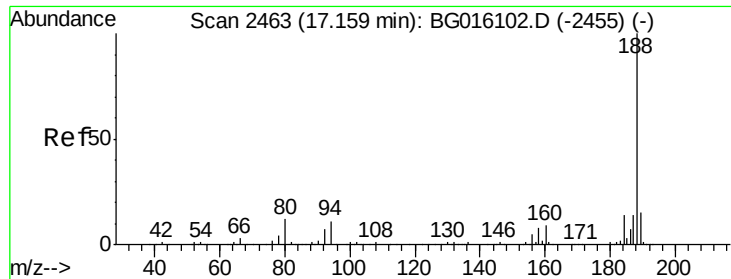
Tgt Ion: 138 Resp: 124071
Ion Ratio Lower Upper
138 100
92 41.7 24.2 64.2
108 50.7 32.7 72.7



#62
Azobenzene
Concen: 37.95 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion: 77 Resp: 391336
Ion Ratio Lower Upper
77 100
182 32.3 10.9 50.9
105 20.0 0.0 40.0
51 20.9 1.9 41.9

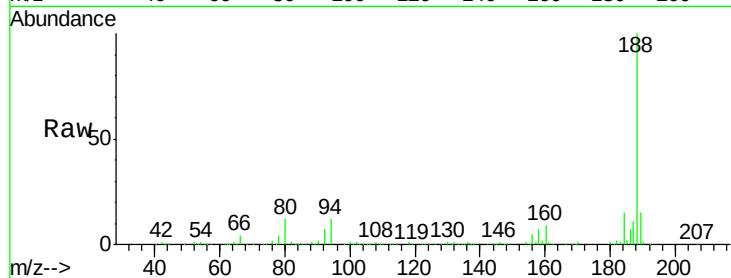




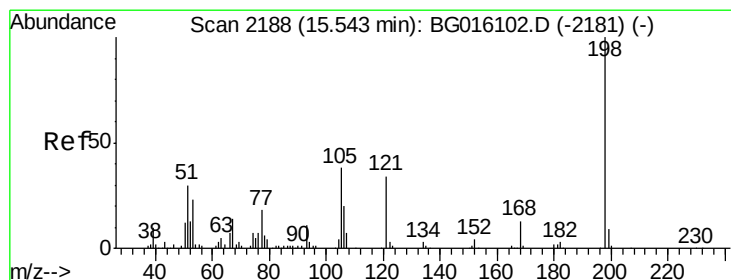
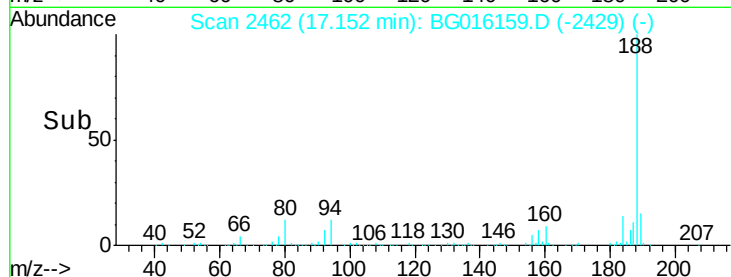
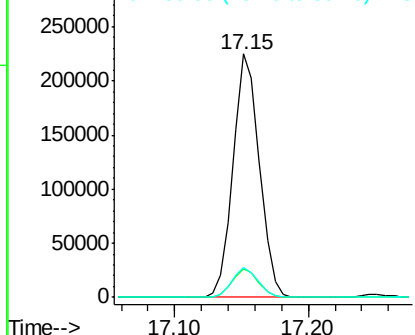
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:188 Resp: 308708
Ion Ratio Lower Upper
188 100
94 11.8 9.1 13.7
80 12.5 9.8 14.8

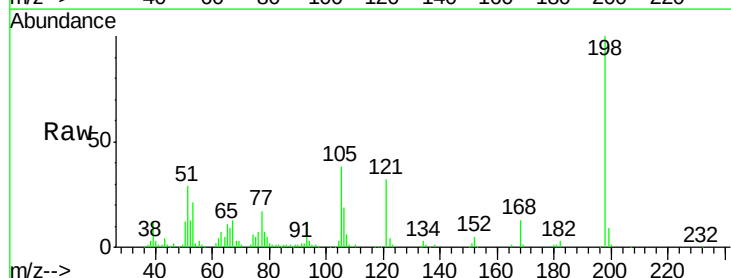


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

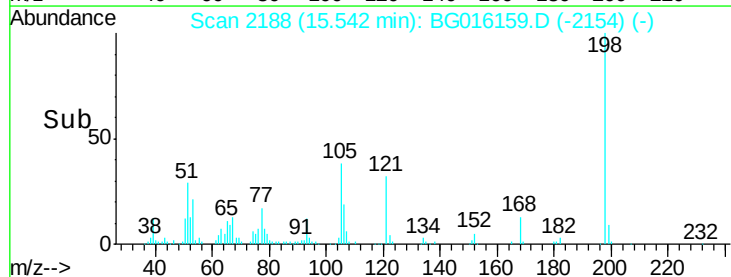
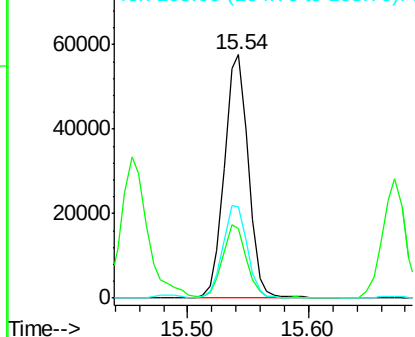


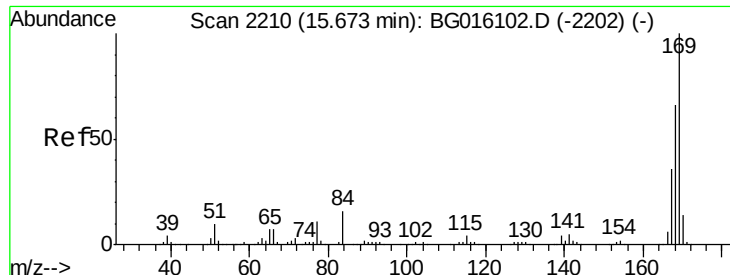
#64
4,6-Dinitro-2-methylphenol
Concen: 38.58 ng
RT: 15.54 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:198 Resp: 79149
Ion Ratio Lower Upper
198 100
51 28.8 10.7 50.7
105 37.6 18.3 58.3



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

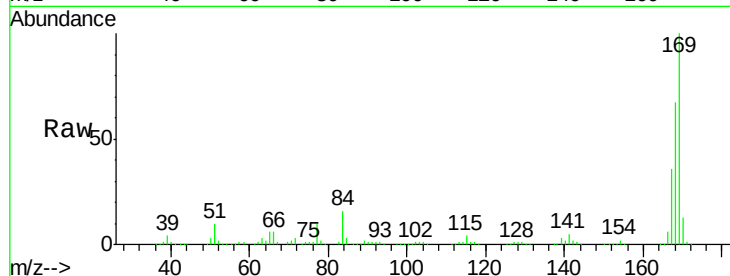




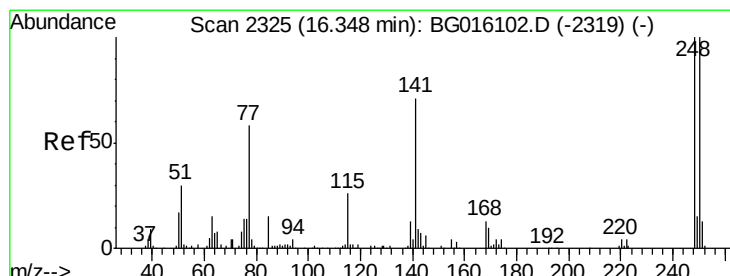
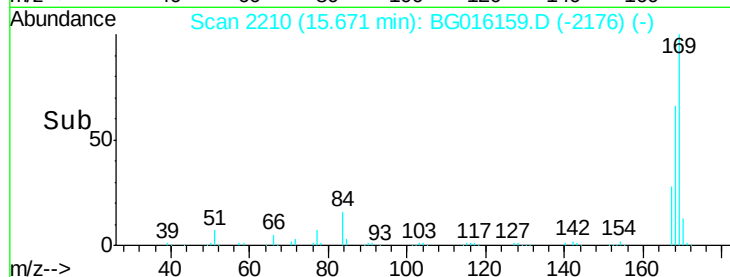
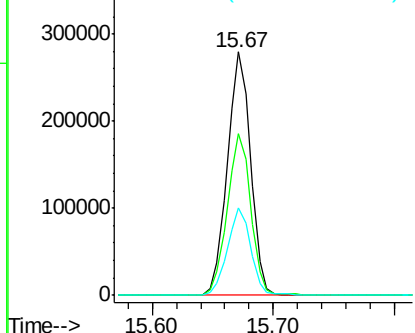
#65
n-Nitrosodiphenylamine
Concen: 37.98 ng
RT: 15.67 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion:169 Resp: 373782
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 29.0 43.4

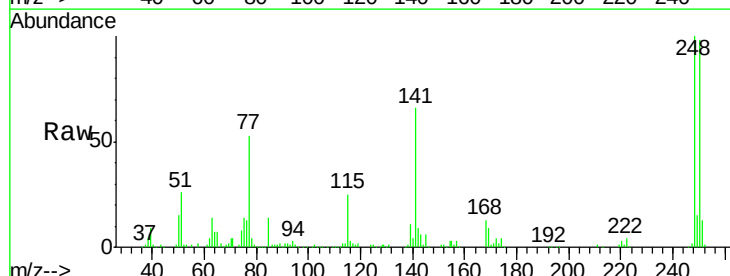


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

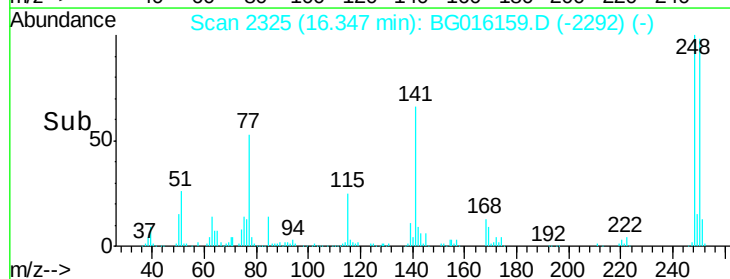
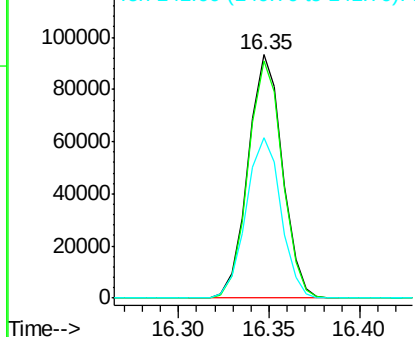


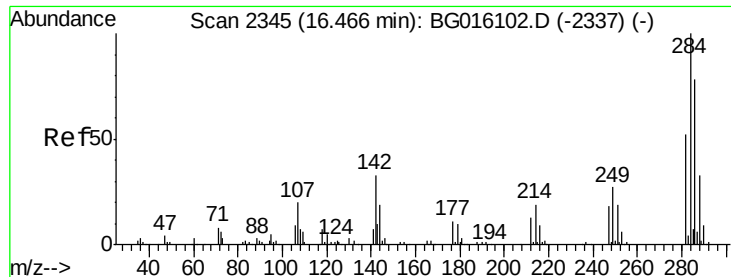
#66
4-Bromophenyl-phenylether
Concen: 38.64 ng
RT: 16.35 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion:248 Resp: 122392
Ion Ratio Lower Upper
248 100
250 97.6 80.2 120.2
141 66.1 57.0 85.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.07 ng

RT: 16.46 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

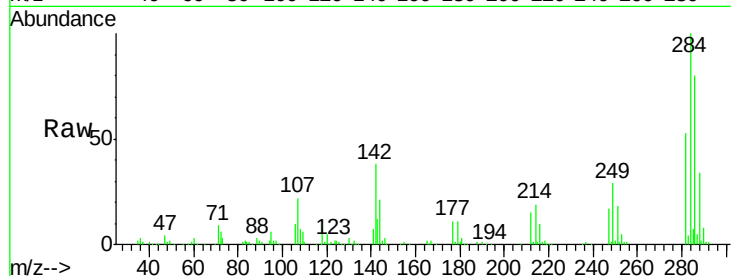
Tgt Ion:284 Resp: 135547

Ion Ratio Lower Upper

284 100

142 37.8 26.7 40.1

249 29.3 21.8 32.8



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

120000

100000

80000

60000

40000

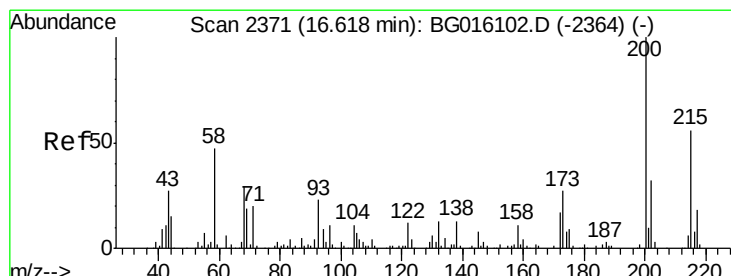
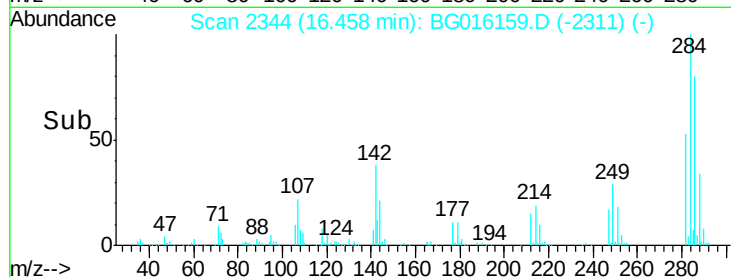
20000

0

16.46

16.40 16.45 16.50

Time-->



#68

Atrazine

Concen: 42.98 ng

RT: 16.62 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

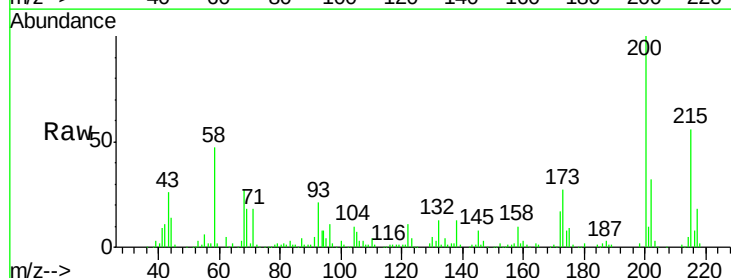
Tgt Ion:200 Resp: 125876

Ion Ratio Lower Upper

200 100

173 26.7 7.5 47.5

215 56.5 36.4 76.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

120000

100000

80000

60000

40000

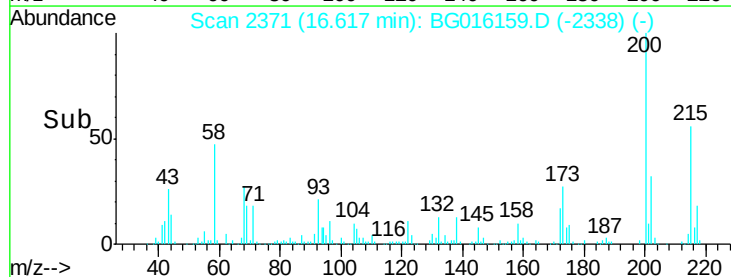
20000

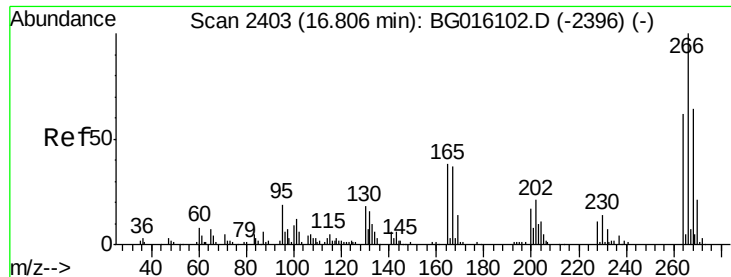
0

16.62

16.55 16.60 16.65 16.70

Time-->

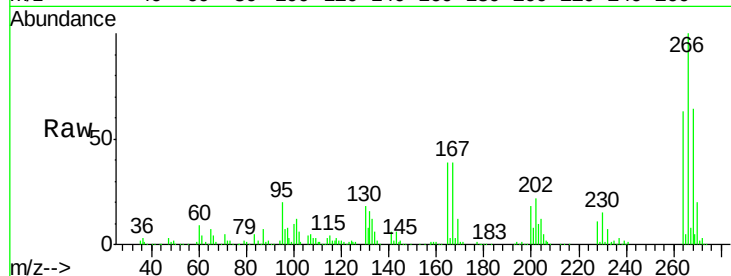




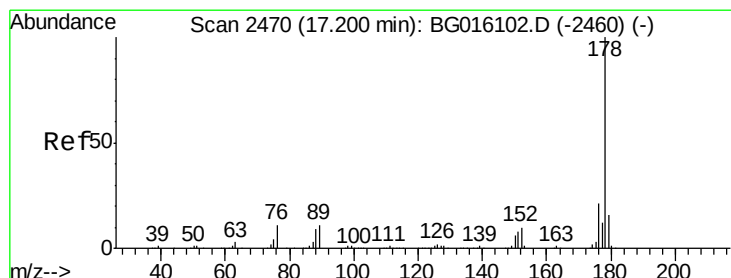
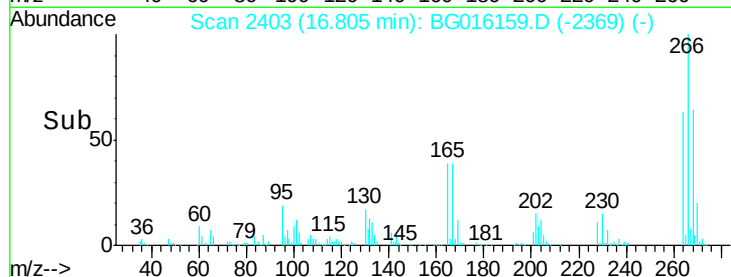
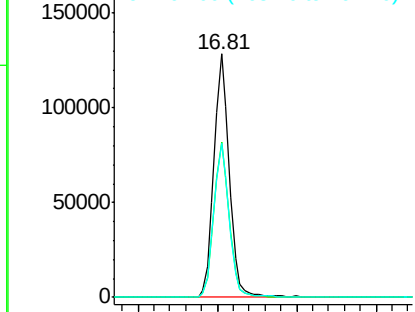
#69
 Pentachlorophenol
 Concen: 85.93 ng
 RT: 16.81 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

Tgt Ion:266 Resp: 174452
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 63.0 49.8 74.6

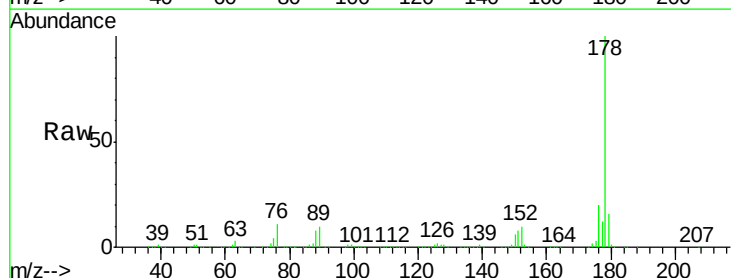


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

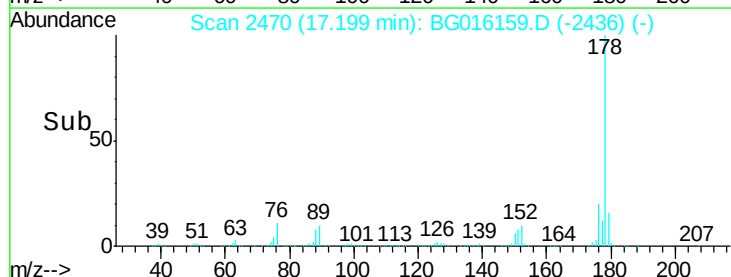
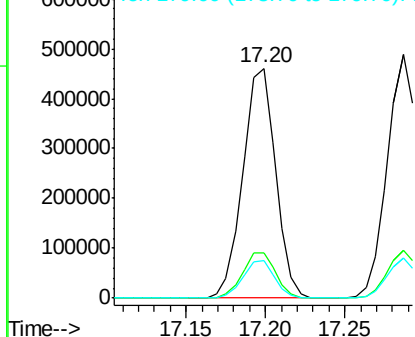


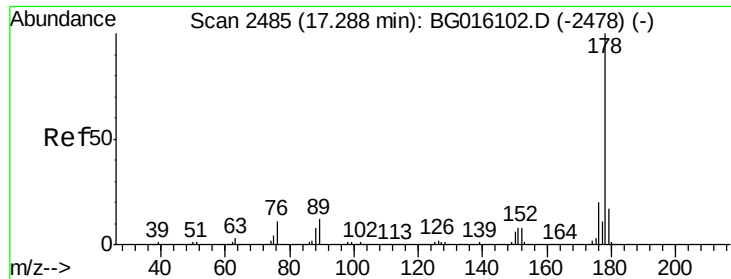
#70
 Phenanthrene
 Concen: 38.15 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:178 Resp: 660813
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.5 24.7
 179 16.3 13.0 19.6



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

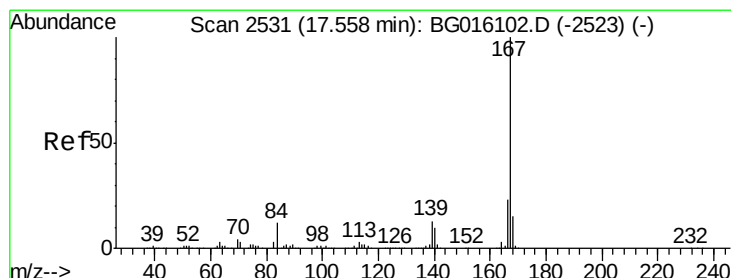
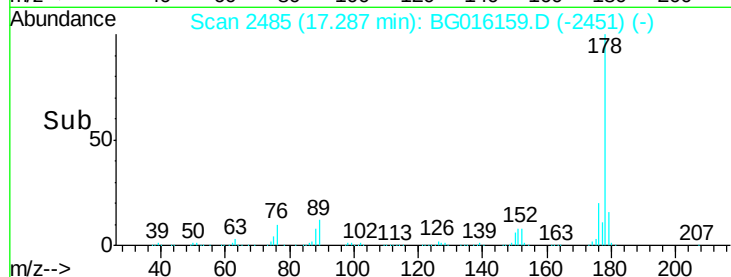
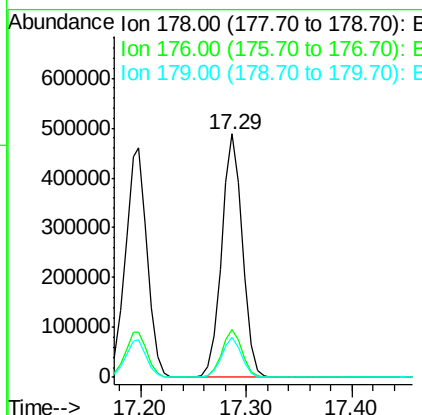
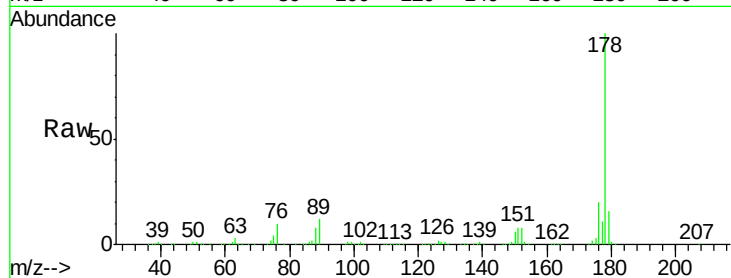




#71
 Anthracene
 Concen: 38.53 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

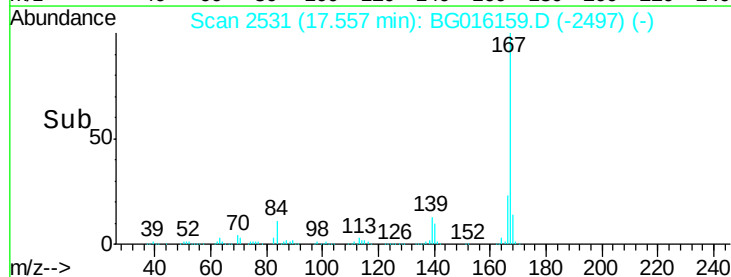
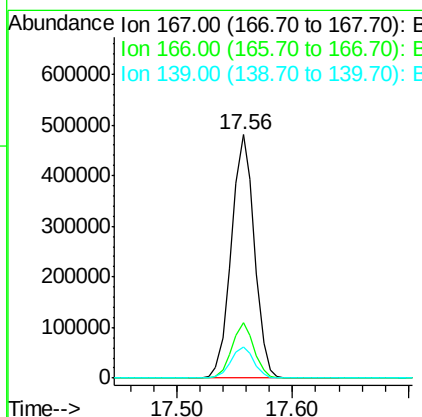
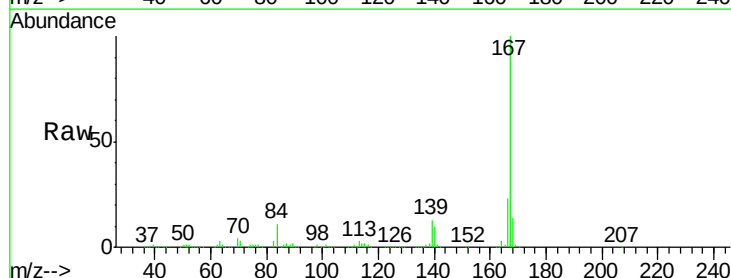
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

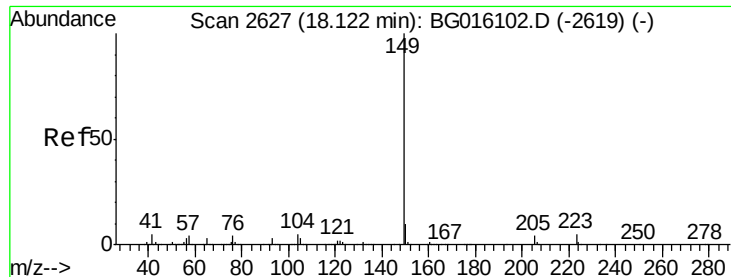
Tgt Ion:178 Resp: 663878
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.5 13.3 19.9



#72
 Carbazole
 Concen: 39.26 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:167 Resp: 663734
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.0 10.7 16.1

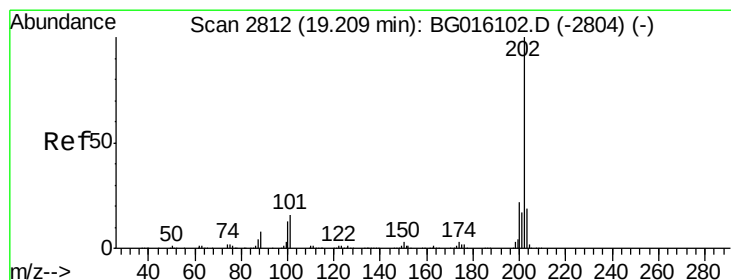
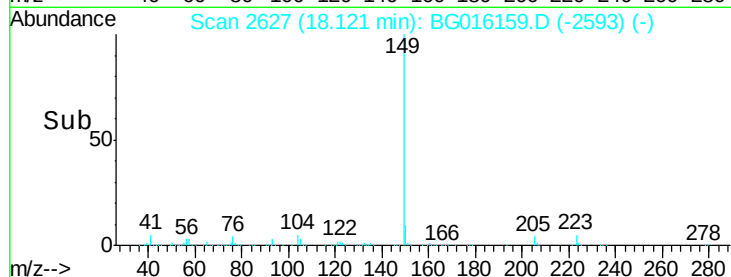
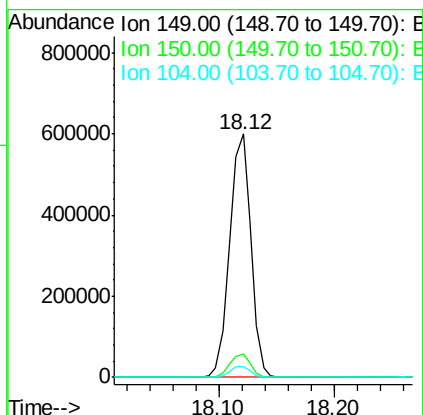
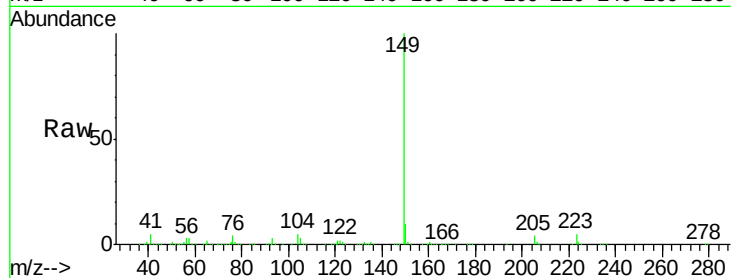




#73
Di-n-butylphthalate
Concen: 39.71 ng
RT: 18.12 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

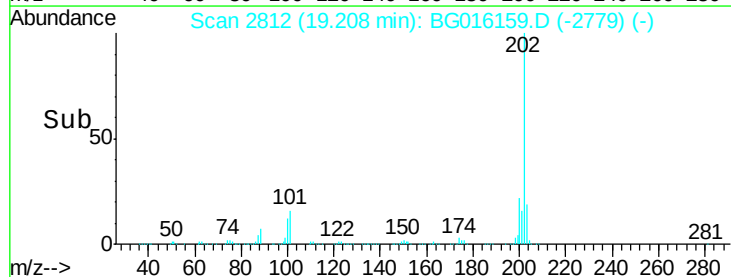
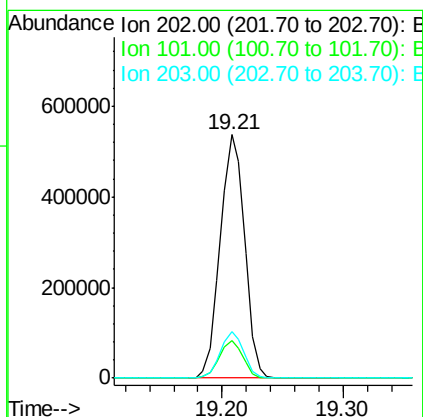
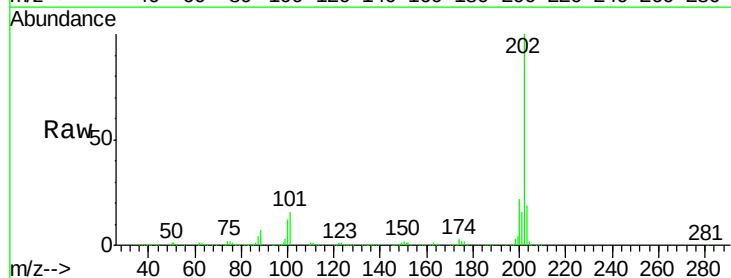
Instrument :
BNA_G
ClientSampleId :
SB23MSD

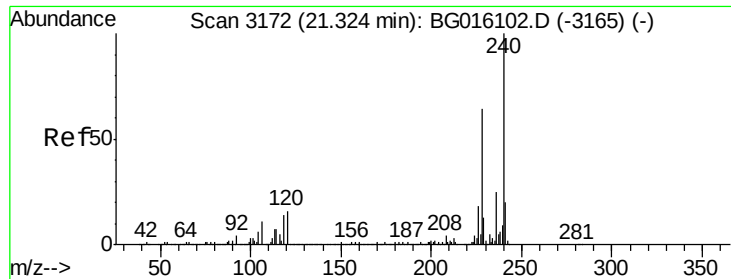
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	4.6	3.8	5.6



#74
Fluoranthene
Concen: 38.71 ng
RT: 19.21 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	35.9
203	18.9	0.0	38.7

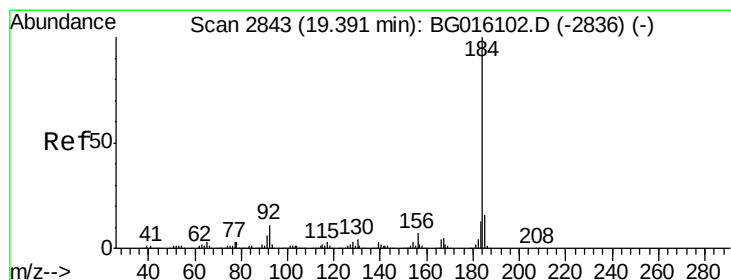
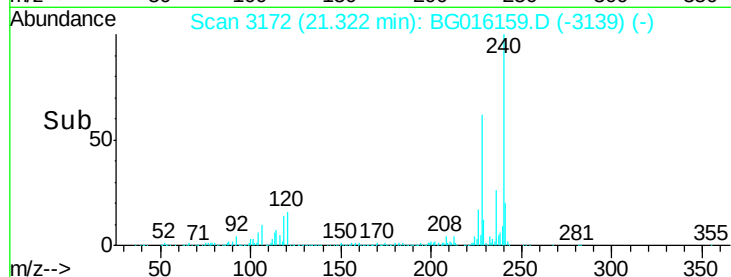
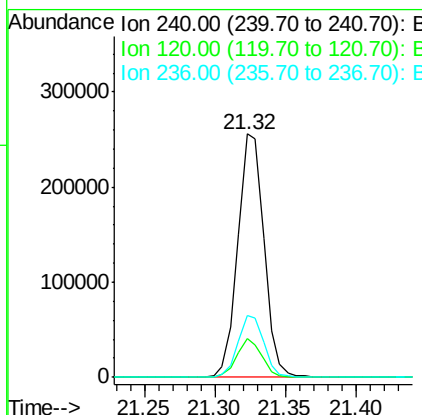
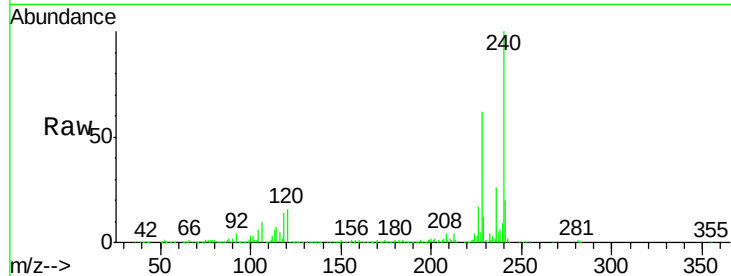




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

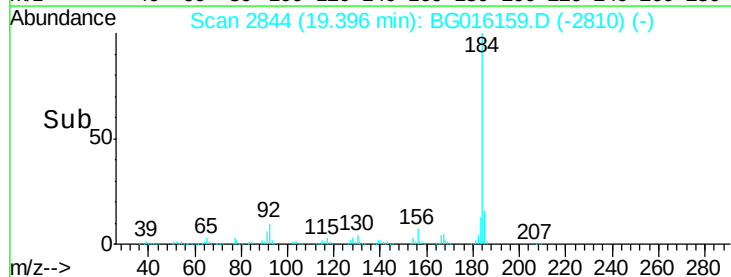
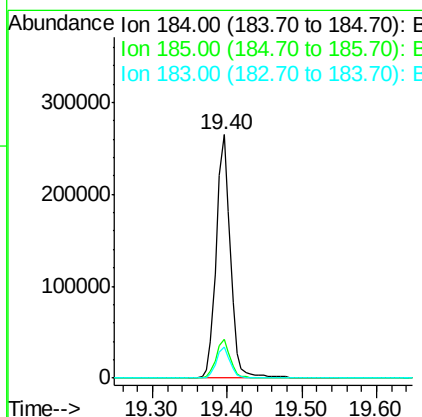
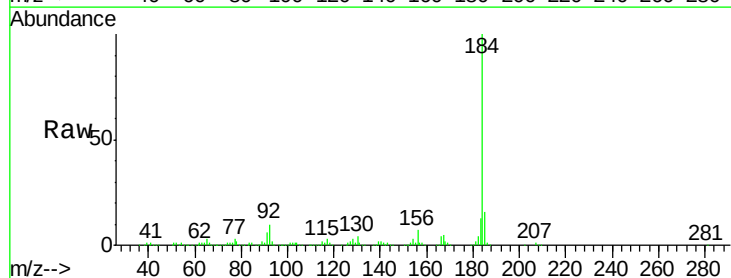
Instrument :
BNA_G
ClientSampleId :
SB23MSD

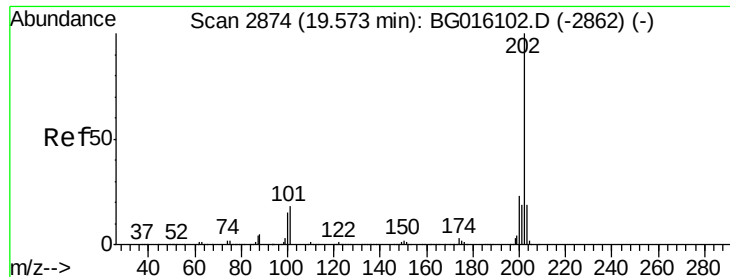
Tgt Ion: 240 Resp: 331350
Ion Ratio Lower Upper
240 100
120 16.0 13.0 19.4
236 25.5 20.2 30.2



#76
Benzidine
Concen: 39.98 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion: 184 Resp: 347138
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 12.8 10.2 15.4





#77

Pyrene

Concen: 38.03 ng

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

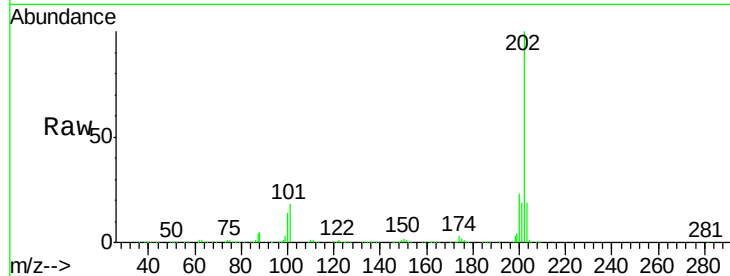
Tgt Ion:202 Resp: 776804

Ion Ratio Lower Upper

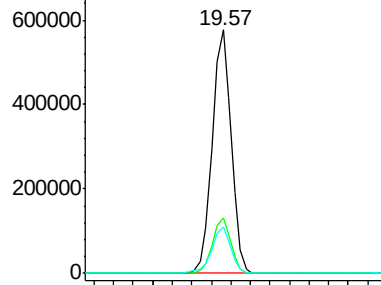
202 100

200 22.6 18.4 27.6

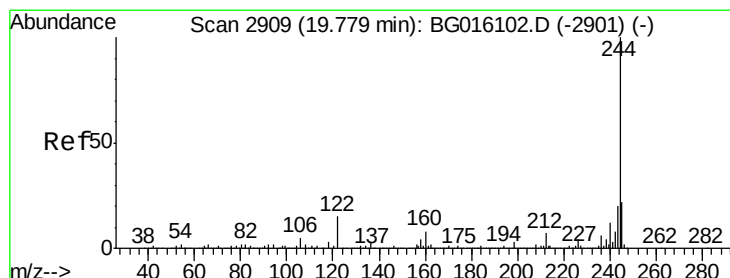
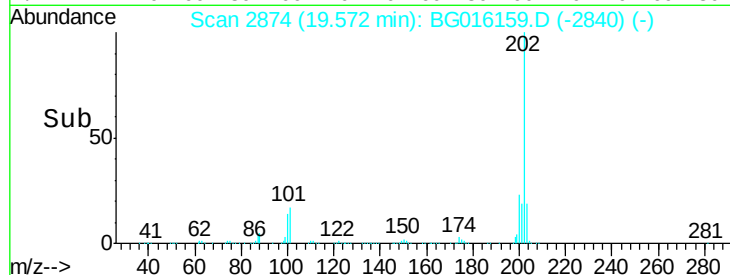
203 18.9 15.4 23.0



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: 78.30 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

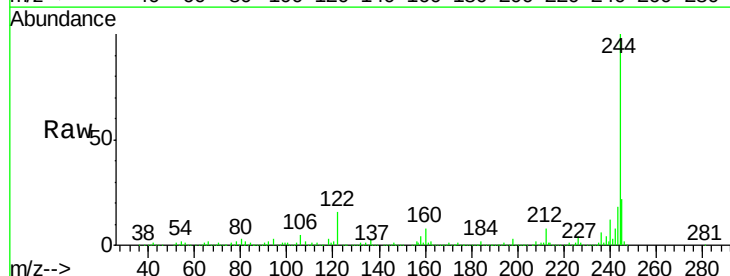
Tgt Ion:244 Resp: 1030176

Ion Ratio Lower Upper

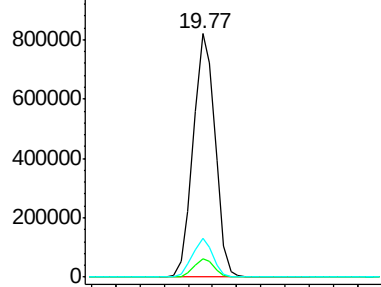
244 100

212 7.7 5.9 8.9

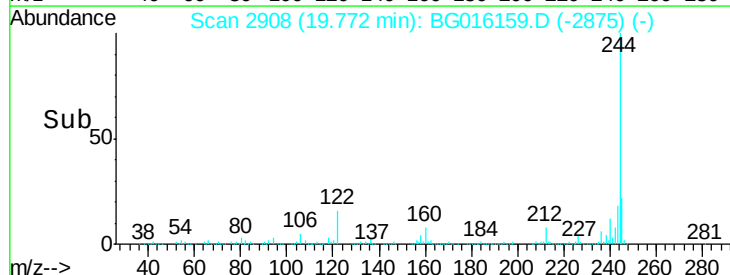
122 16.2 12.2 18.2

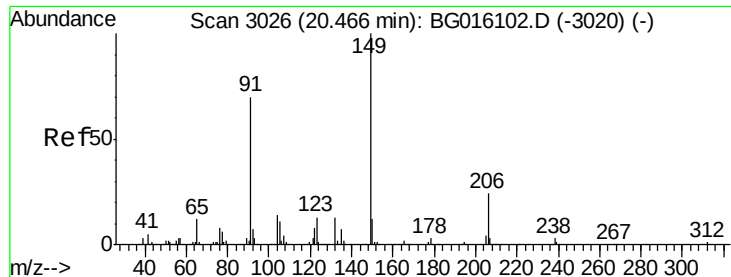


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

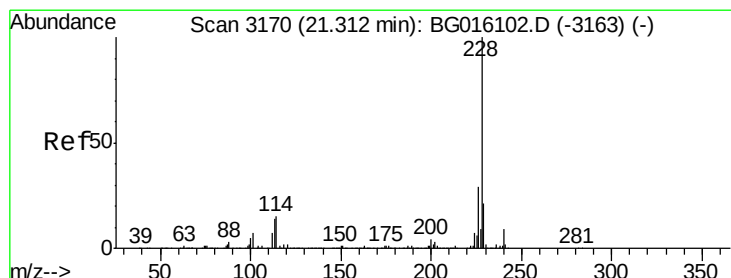
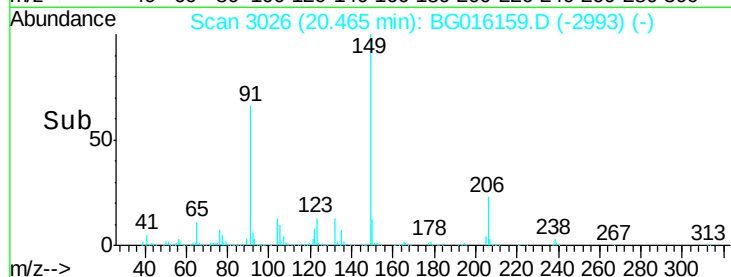
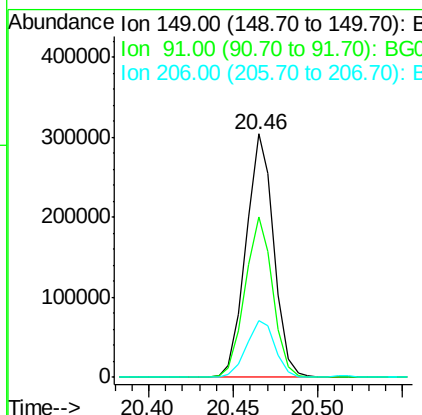
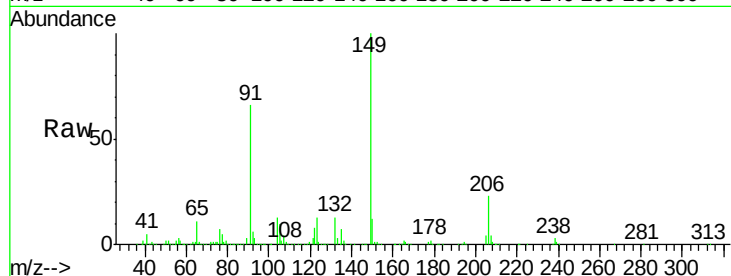




#79
Butylbenzylphthalate
Concen: 40.96 ng
RT: 20.46 min Scan# 3026
Delta R.T. -0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

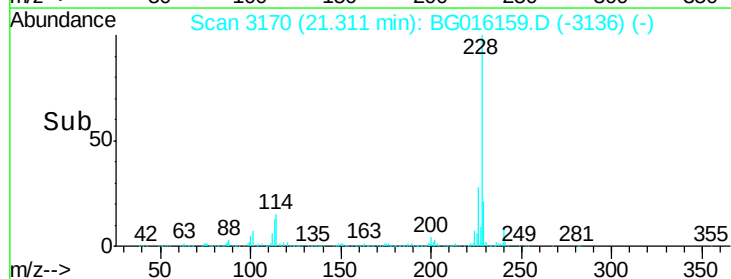
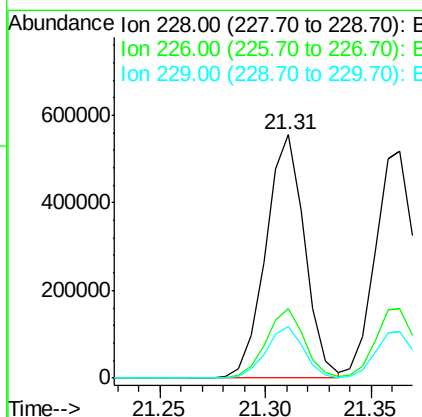
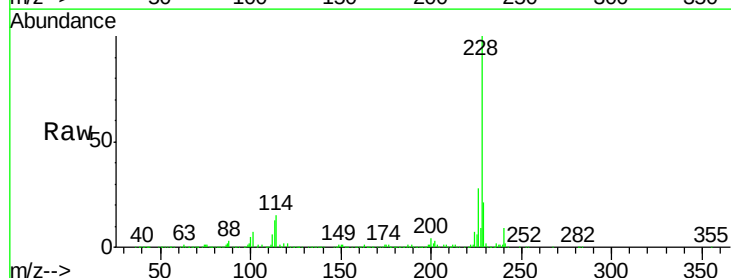
Instrument :
BNA_G
ClientSampleId :
SB23MSD

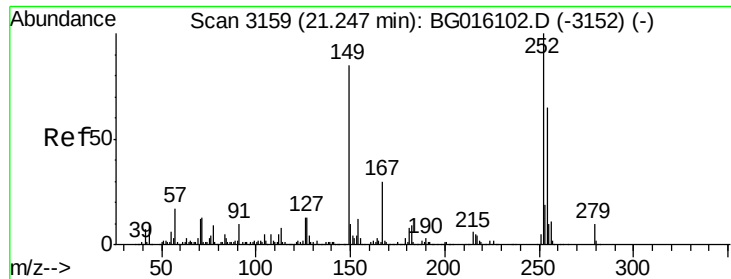
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	55.8	83.6
206	23.3	19.1	28.7



#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 21.31 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG016159.D
Acq: 27 Mar 2015 3:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.0	16.8	25.2

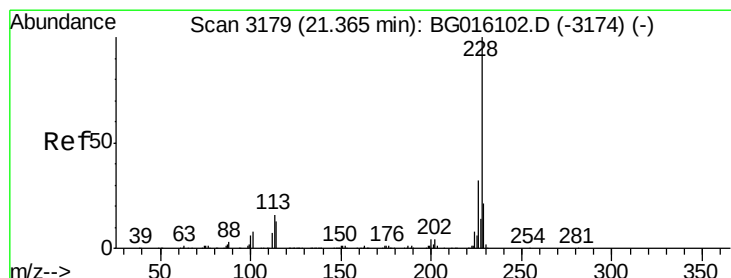
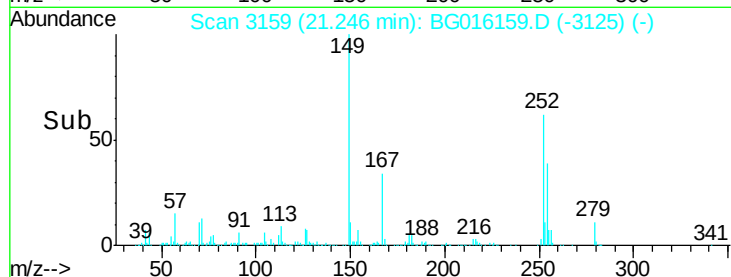
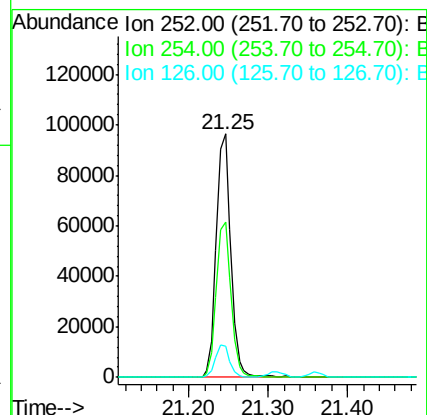
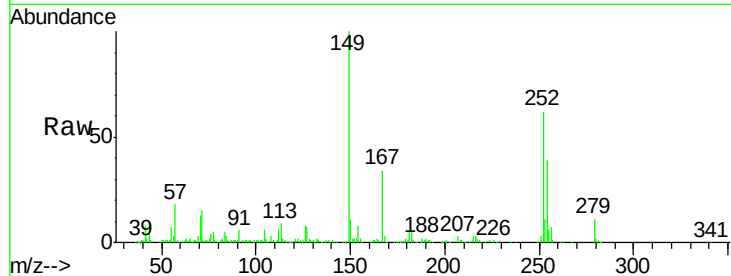




#81
 3,3'-Dichlorobenzidine
 Concen: 19.03 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

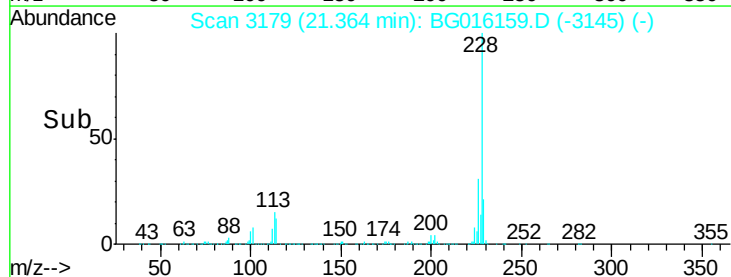
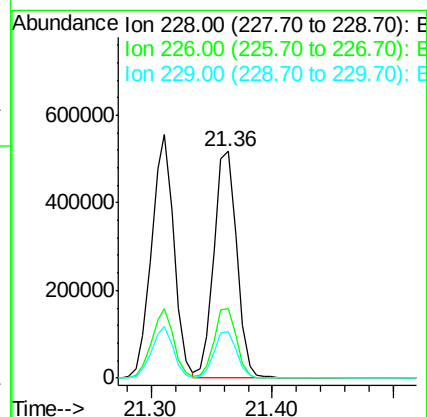
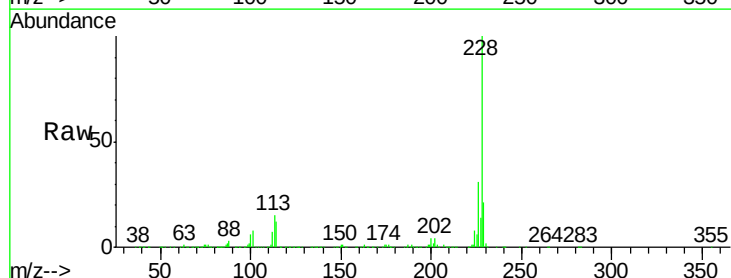
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

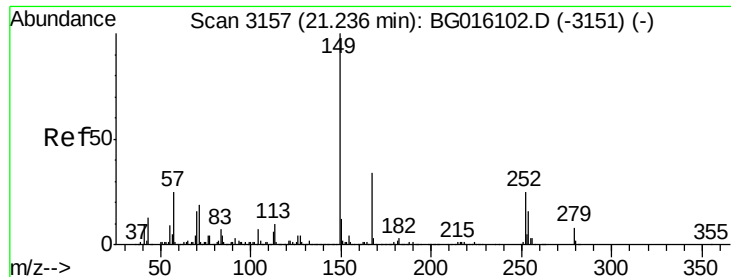
Tgt Ion:252 Resp: 124334
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.7 77.5
 126 13.0 10.6 16.0



#82
 Chrysene
 Concen: 39.18 ng
 RT: 21.36 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion:228 Resp: 674525
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.7 38.5
 229 20.7 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.71 ng

RT: 21.23 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampled :

SB23MSD

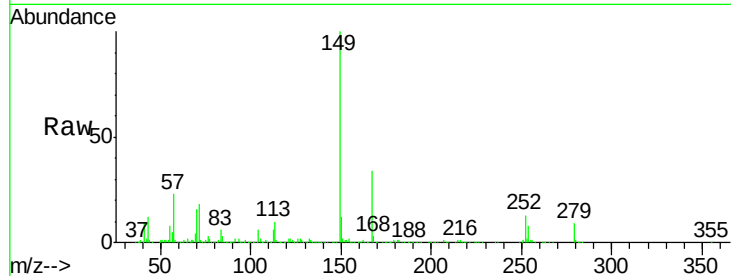
Tgt Ion:149 Resp: 464635

Ion Ratio Lower Upper

149 100

167 34.0 27.1 40.7

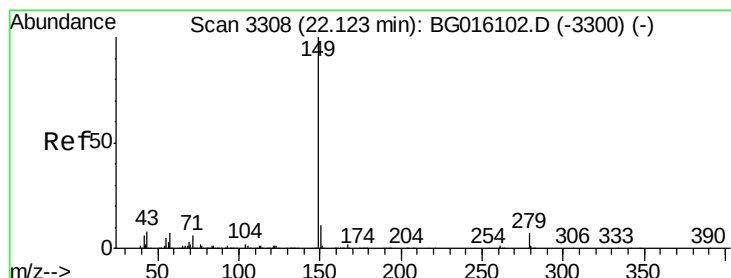
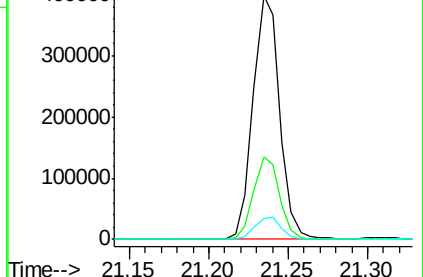
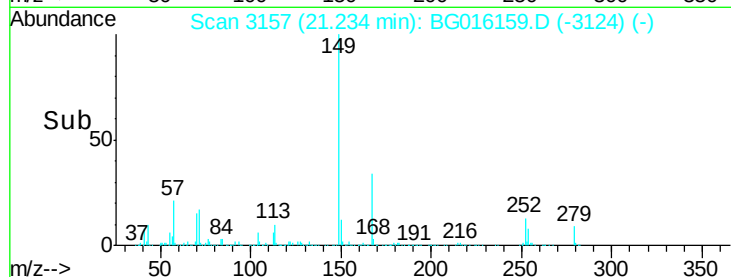
279 8.6 6.4 9.6



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: 38.88 ng

RT: 22.12 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

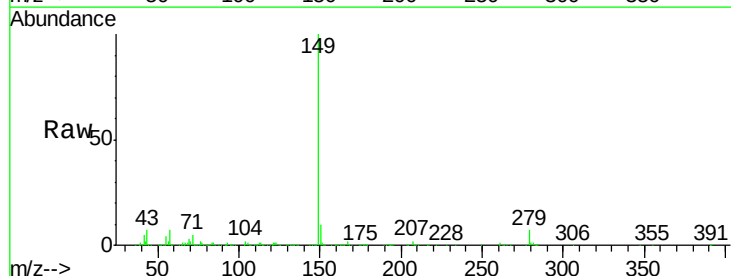
Tgt Ion:149 Resp: 767199

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

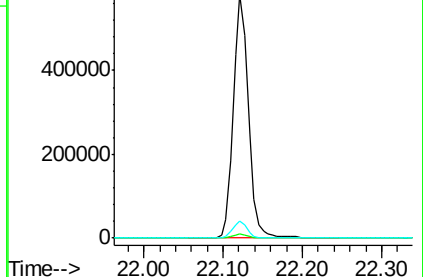
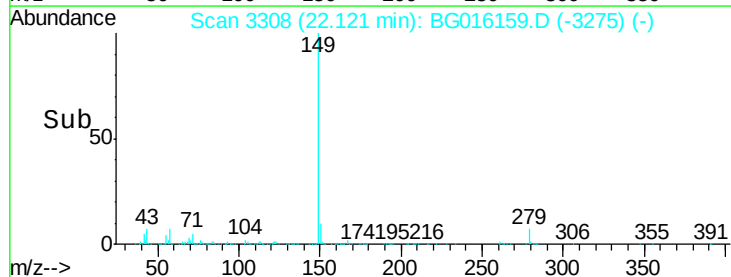
43 6.8 6.1 9.1

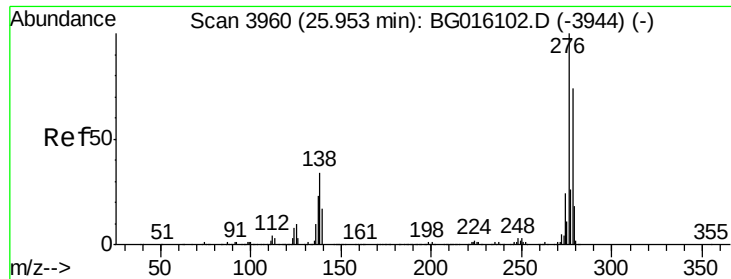


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

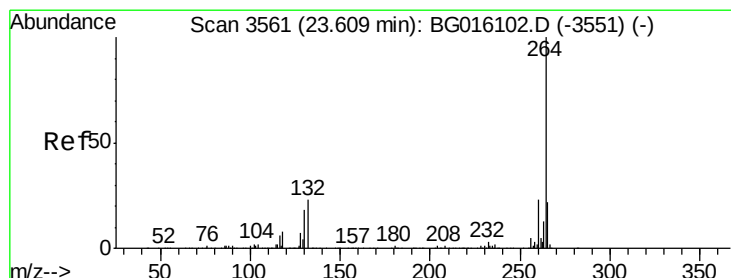
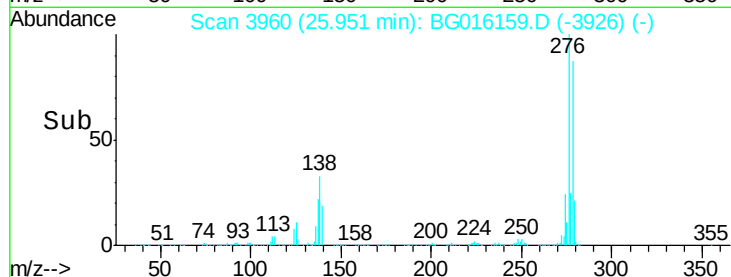
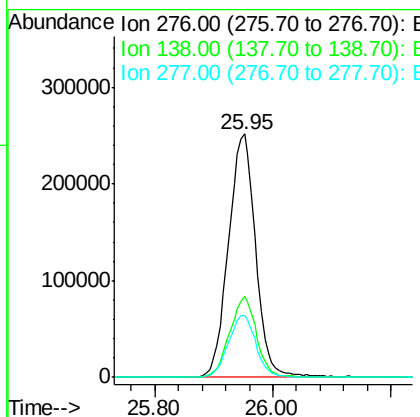
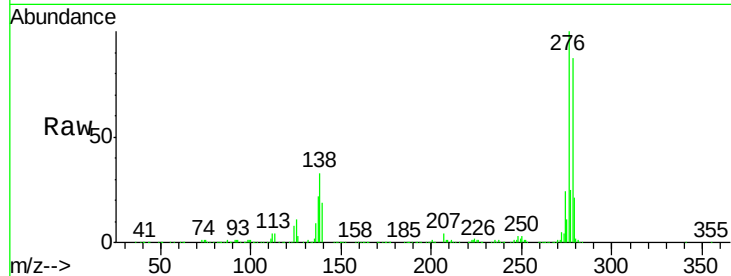




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.54 ng
 RT: 25.95 min Scan# 3960
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

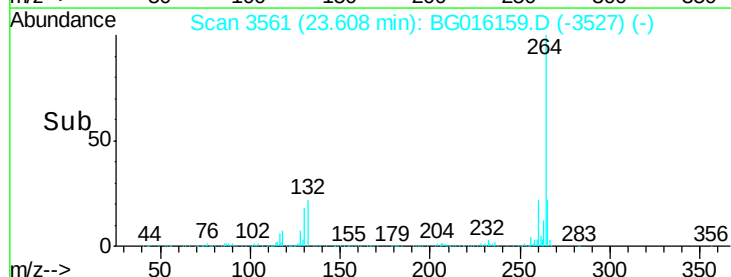
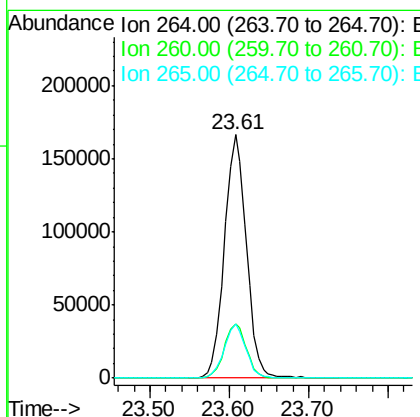
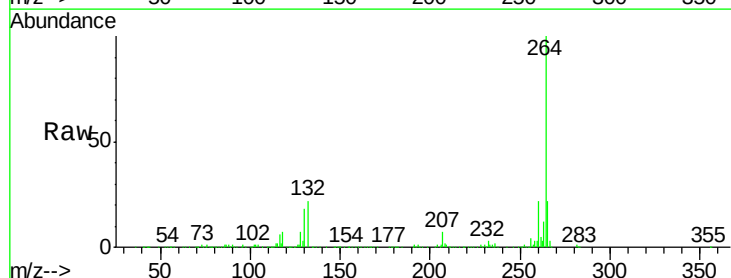
Instrument :
 BNA_G
 ClientSampleId :
 SB23MSD

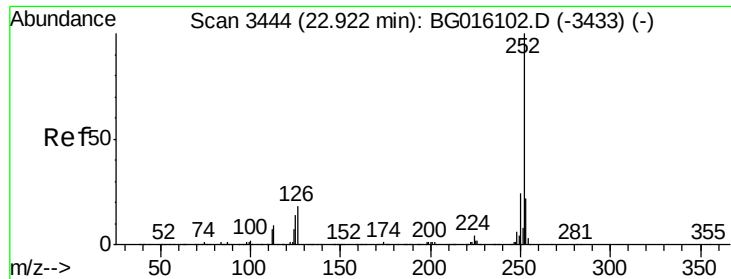
Tgt Ion: 276 Resp: 809000
 Ion Ratio Lower Upper
 276 100
 138 32.8 26.9 40.3
 277 25.7 20.7 31.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.61 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: BG016159.D
 Acq: 27 Mar 2015 3:20

Tgt Ion: 264 Resp: 319050
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 22.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.17 ng

RT: 22.91 min Scan# 3443

Delta R.T. -0.00 min

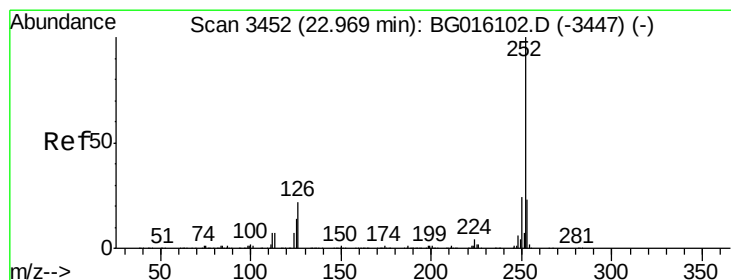
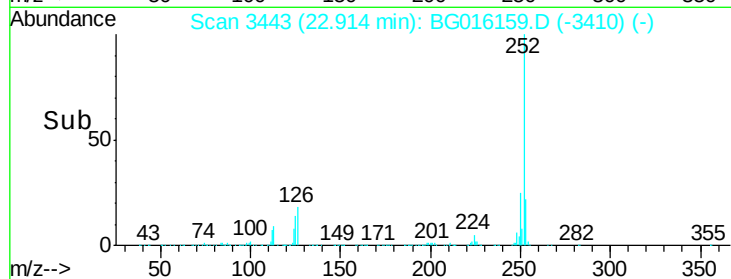
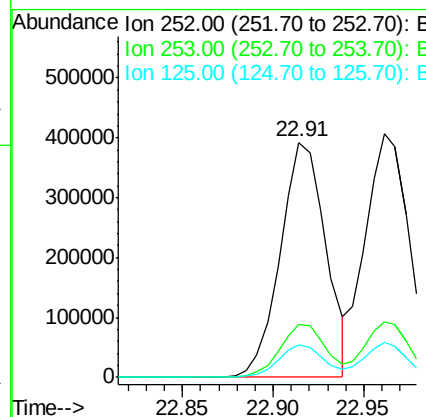
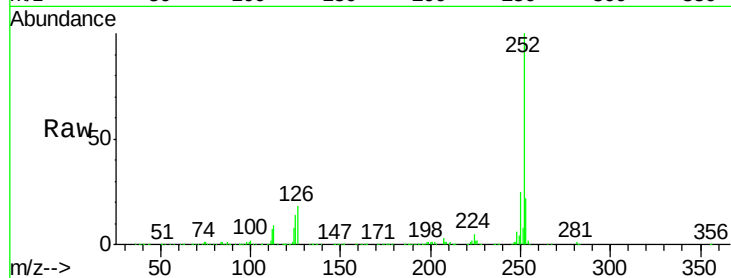
Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :
BNA_G
ClientSampleId :
SB23MSD

Tgt Ion: 252 Resp: 686388

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.7	11.1	16.7



#88

Benzo(k)fluoranthene

Concen: 38.71 ng

RT: 22.96 min Scan# 3451

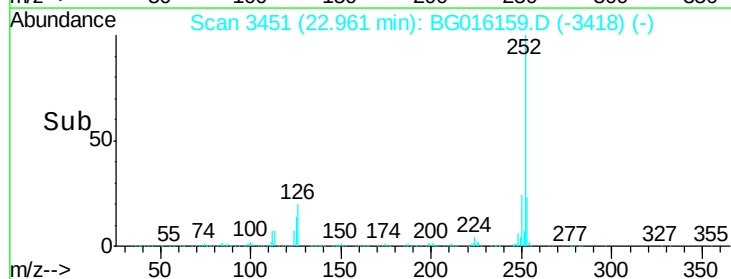
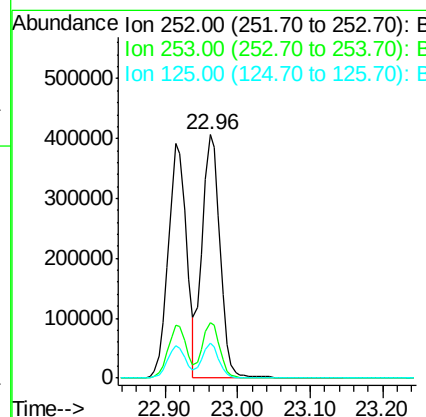
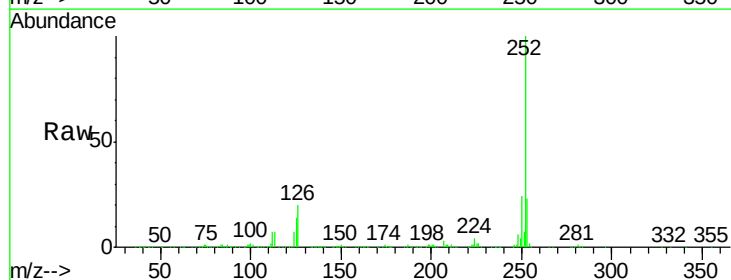
Delta R.T. -0.00 min

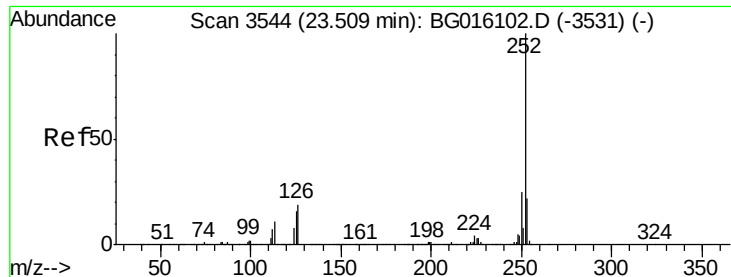
Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Tgt Ion: 252 Resp: 696122

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.2	11.0	16.4





#89

Benzo(a)pyrene

Concen: 39.05 ng

RT: 23.51 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

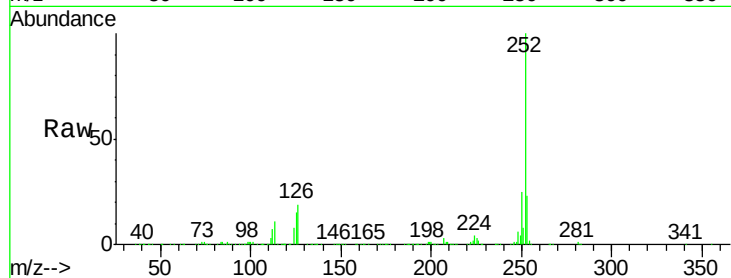
Tgt Ion:252 Resp: 672335

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

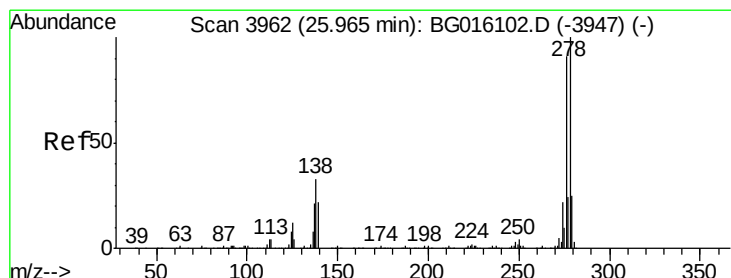
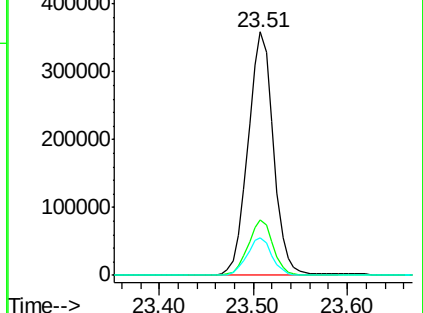
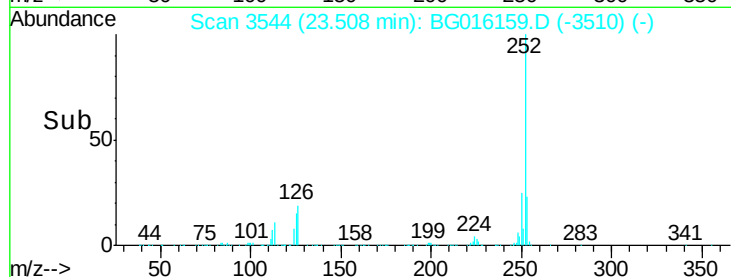
125 15.3 12.5 18.7



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: 37.60 ng

RT: 25.96 min Scan# 3961

Delta R.T. -0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

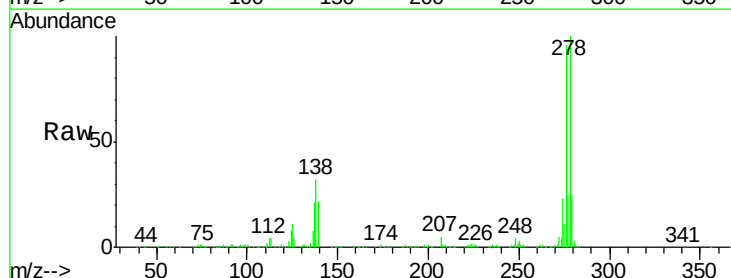
Tgt Ion:278 Resp: 674596

Ion Ratio Lower Upper

278 100

139 21.6 17.8 26.8

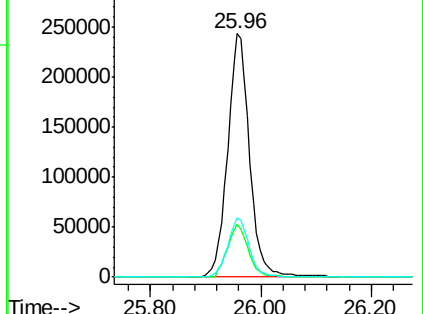
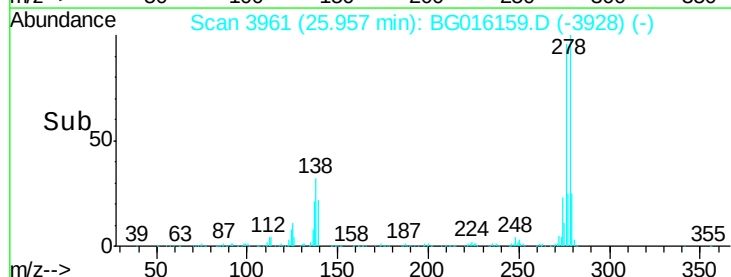
279 24.6 19.9 29.9

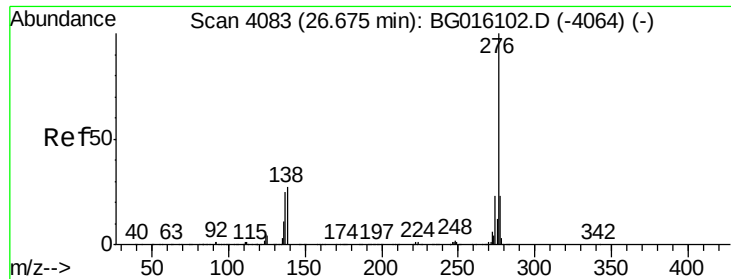


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.45 ng

RT: 26.67 min Scan# 4082

Delta R.T. 0.00 min

Lab File: BG016159.D

Acq: 27 Mar 2015 3:20

Instrument :

BNA_G

ClientSampleId :

SB23MSD

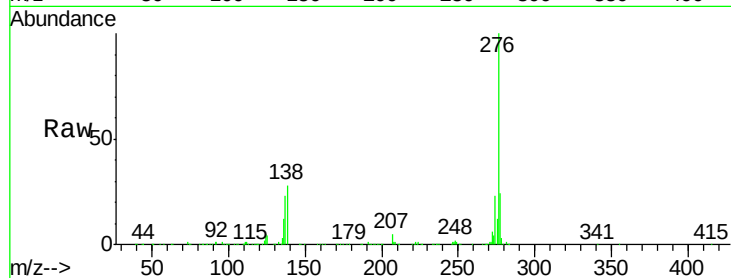
Tgt Ion: 276 Resp: 665941

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 27.6 22.0 33.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

