

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016422.D
 Acq On : 15 Apr 2015 14:41
 Operator : TP/IZ
 Sample : PB82692BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

Quant Time: Apr 16 03:20:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	337485	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	198379	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	450100	20.00	ng	0.00
75) Chrysene-d12	21.23	240	410667	20.00	ng	0.00
86) Perylene-d12	23.46	264	384335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	575967	122.39	ng	0.00
7) Phenol-d6	6.85	99	799472	113.17	ng	0.00
23) Nitrobenzene-d5	8.83	82	410222	70.42	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	169283	126.18	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	860359	73.84	ng	0.00
78) Terphenyl-d14	19.68	244	1166691	66.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	61934	28.95	ng	99
3) Pyridine	3.53	79	177513	27.76	ng	97
4) n-Nitrosodimethylamine	3.45	42	61314	32.26	ng	94
6) Aniline	6.99	93	174205	17.27	ng	98
8) 2-Chlorophenol	7.24	128	220160	38.96	ng	95
9) Benzaldehyde	6.81	77	46451	11.23	ng	95
10) Phenol	6.88	94	285775	37.81	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	194968	32.35	ng	99
12) 1,3-Dichlorobenzene	7.55	146	199560	34.97	ng	96
13) 1,4-Dichlorobenzene	7.70	146	204422	34.53	ng	95
14) 1,2-Dichlorobenzene	8.02	146	196611	34.73	ng	99
15) Benzyl Alcohol	7.91	79	168336	34.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	211752	31.20	ng	98
17) 2-Methylphenol	8.12	107	186668	36.83	ng	97
18) Hexachloroethane	8.73	117	74869	33.06	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	145015	28.65	ng	99
20) 3+4-Methylphenols	8.45	107	249586	35.55	ng	98
22) Acetophenone	8.49	105	275756	35.24	ng	99
24) Nitrobenzene	8.87	77	210223	33.74	ng	95
25) Isophorone	9.39	82	396275	30.63	ng	98
26) 2-Nitrophenol	9.57	139	119152	41.02	ng	98
27) 2,4-Dimethylphenol	9.64	122	212385	39.25	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	249532	33.79	ng	98
29) 2,4-Dichlorophenol	10.11	162	183178	42.78	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	168043	37.59	ng	99
31) Naphthalene	10.50	128	619821	35.25	ng	100
32) Benzoic acid	9.78	122	138710	40.88	ng	96
33) 4-Chloroaniline	10.62	127	110123	13.35	ng	98
34) Hexachlorobutadiene	10.78	225	70977	36.15	ng	98
35) Caprolactam	11.38	113	63164	23.43	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	217704	38.49	ng	96
37) 2-Methylnaphthalene	12.12	142	451791	35.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	155136	35.52	ng	99
40) Hexachlorocyclopentadiene	12.47	237	143819	71.94	ng	97

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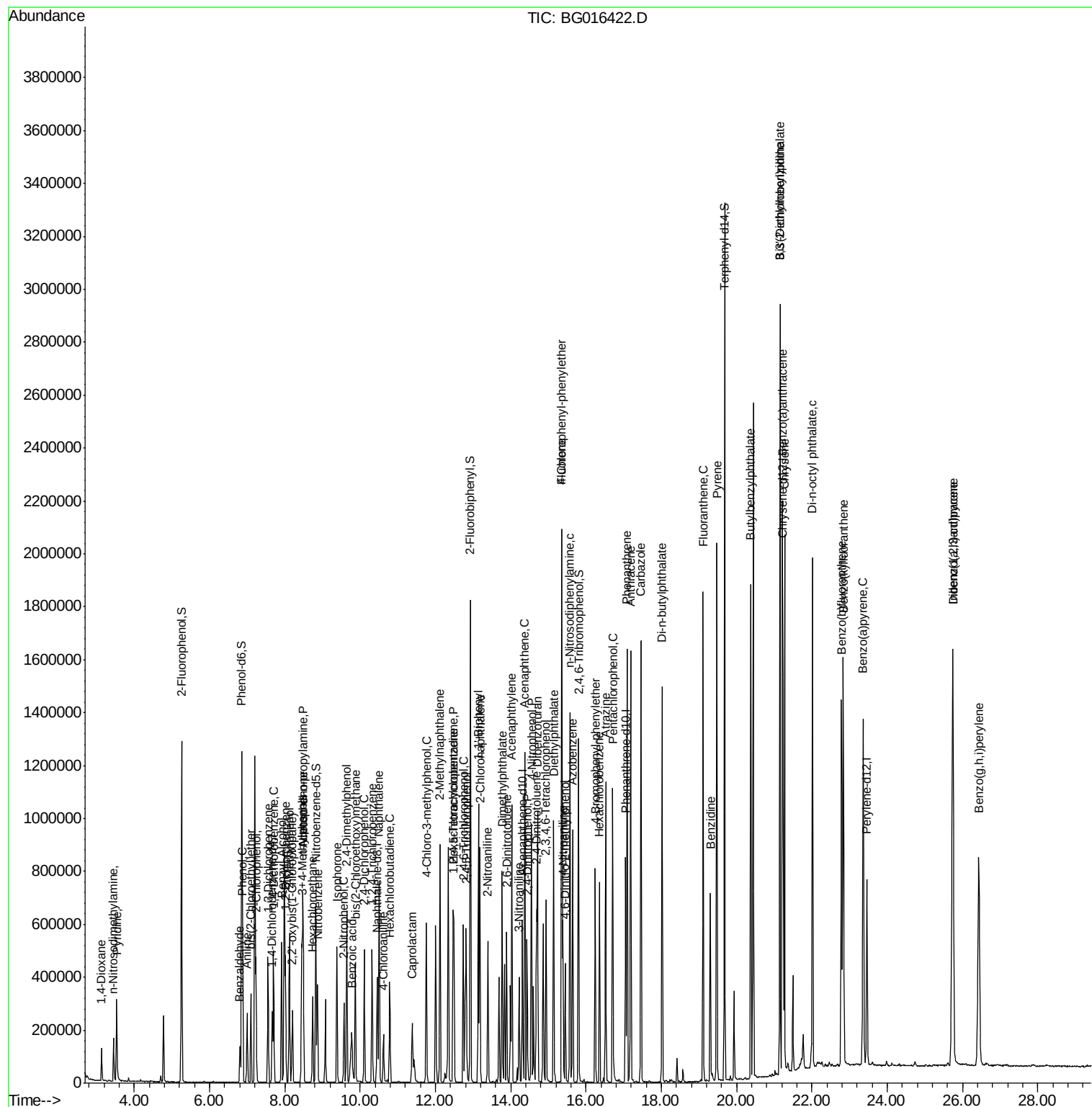
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	127695	39.34	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	141871	40.91	ng	94
45) 1,1'-Biphenyl	13.14	154	547776	36.00	ng	98
46) 2-Chloronaphthalene	13.18	162	414404	35.75	ng	99
47) 2-Nitroaniline	13.39	65	135178	36.18	ng	95
48) Acenaphthylene	14.03	152	720726	34.96	ng	99
49) Dimethylphthalate	13.77	163	508840	35.00	ng	100
50) 2,6-Dinitrotoluene	13.89	165	130898	37.22	ng	97
51) Acenaphthene	14.37	154	433942	35.23	ng	98
52) 3-Nitroaniline	14.22	138	113842	25.35	ng	95
53) 2,4-Dinitrophenol	14.43	184	137513	68.86	ng	94
54) Dibenzofuran	14.71	168	635457	37.17	ng	99
55) 4-Nitrophenol	14.55	139	312432	84.19	ng	97
56) 2,4-Dinitrotoluene	14.69	165	193730	40.45	ng	90
57) Fluorene	15.36	166	556906	36.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	112697	42.11	ng	95
59) Diethylphthalate	15.14	149	546989	35.34	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	224943	36.47	ng	99
61) 4-Nitroaniline	15.39	138	193894	38.04	ng	97
62) Azobenzene	15.65	77	570850	34.66	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	103871	34.02	ng	98
65) n-Nitrosodiphenylamine	15.57	169	509313	33.47	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	124559	34.66	ng	92
67) Hexachlorobenzene	16.36	284	126253	33.80	ng	99
68) Atrazine	16.52	200	168011	39.62	ng	98
69) Pentachlorophenol	16.71	266	169468	74.30	ng	95
70) Phenanthrene	17.09	178	891989	35.23	ng	100
71) Anthracene	17.18	178	903883	36.03	ng	99
72) Carbazole	17.46	167	974853	38.72	ng	99
73) Di-n-butylphthalate	18.02	149	1097658	35.62	ng	100
74) Fluoranthene	19.11	202	971637	37.24	ng	99
76) Benzidine	19.30	184	405819	23.30	ng	99
77) Pyrene	19.47	202	1013238	35.43	ng	99
79) Butylbenzylphthalate	20.37	149	551964	39.29	ng	99
80) Benzo(a)anthracene	21.22	228	874708	36.04	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	187475	23.49	ng	98
82) Chrysene	21.27	228	832602	35.53	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	750646	39.47	ng	98
84) Di-n-octyl phthalate	22.02	149	1230347	39.70	ng	99
85) Indeno(1,2,3-cd)pyrene	25.74	276	903776	37.13	ng	98
87) Benzo(b)fluoranthene	22.79	252	812368	36.09	ng	97
88) Benzo(k)fluoranthene	22.83	252	815015	37.00	ng	99
89) Benzo(a)pyrene	23.36	252	803228	38.07	ng	98
90) Dibenzo(a,h)anthracene	25.75	278	751964	36.63	ng	97
91) Benzo(g,h,i)perylene	26.44	276	768370	37.47	ng	99

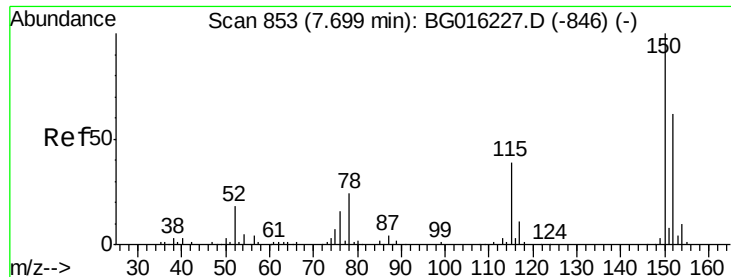
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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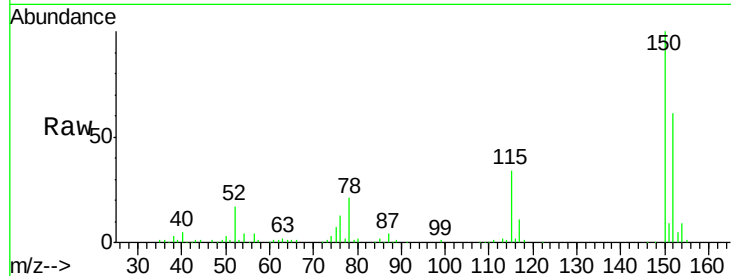


#1

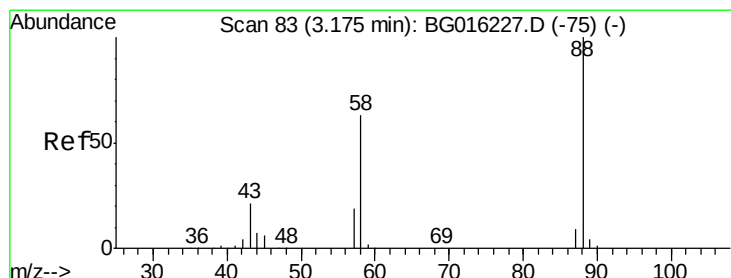
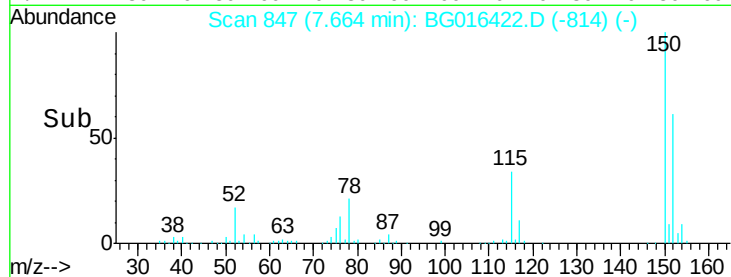
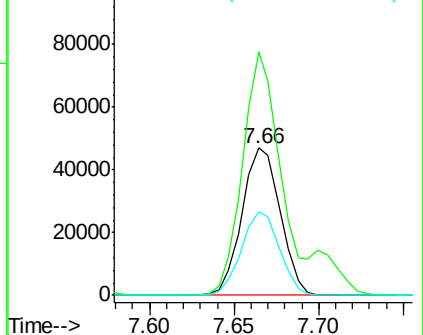
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

Tgt Ion: 152 Resp: 74269
 Ion Ratio Lower Upper
 152 100
 150 165.2 130.1 195.1
 115 56.8 50.5 75.7



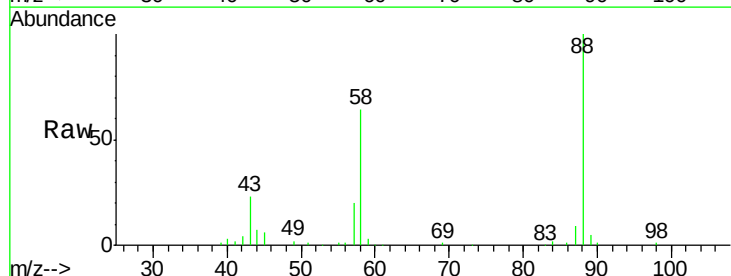
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



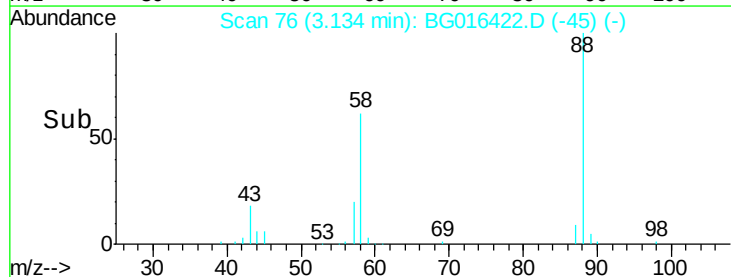
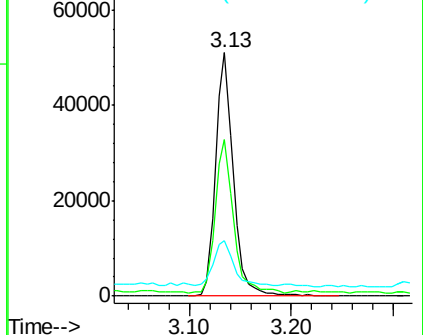
#2

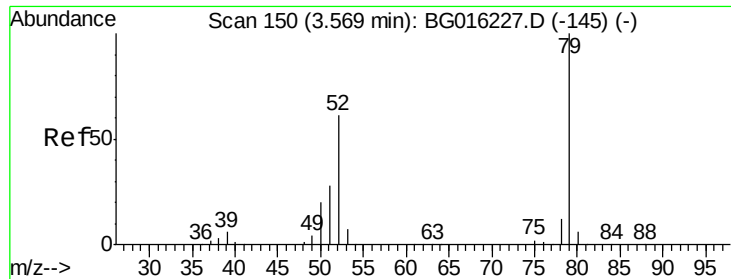
1,4-Dioxane
 Concen: 28.95 ng
 RT: 3.13 min Scan# 76
 Delta R.T. -0.02 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion: 88 Resp: 61934
 Ion Ratio Lower Upper
 88 100
 58 63.9 50.6 76.0
 43 21.1 17.0 25.4



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





#3

Pyridine

Concen: 27.76 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.02 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

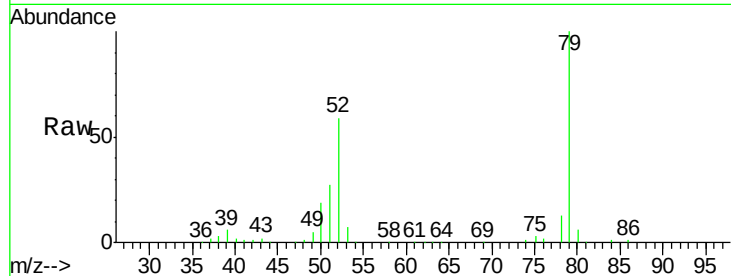
Tgt Ion: 79 Resp: 177513

Ion Ratio Lower Upper

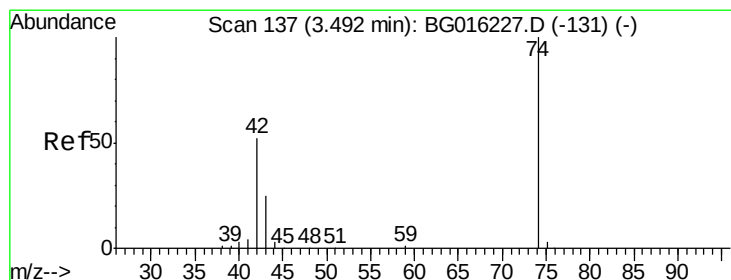
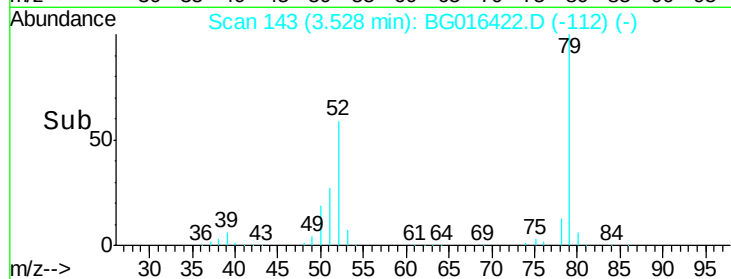
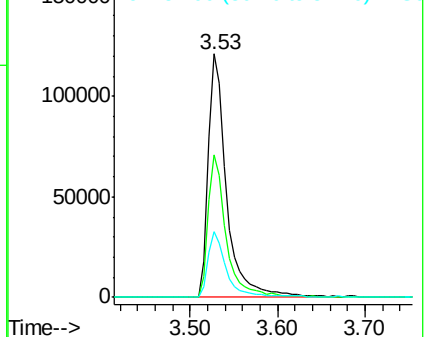
79 100

52 58.5 49.0 73.4

51 26.9 22.5 33.7



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



#4

n-Nitrosodimethylamine

Concen: 32.26 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

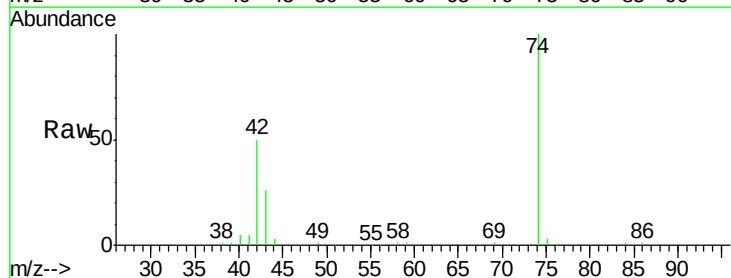
Tgt Ion: 42 Resp: 61314

Ion Ratio Lower Upper

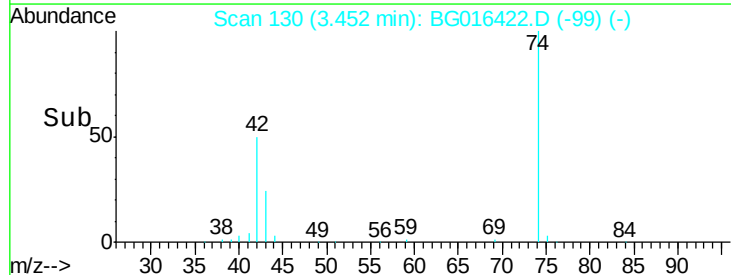
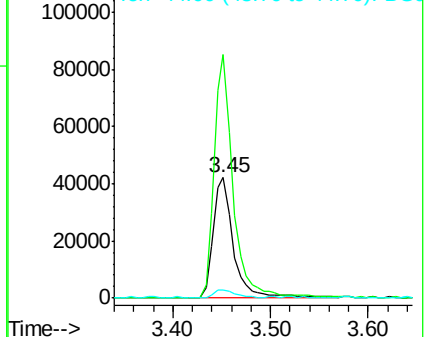
42 100

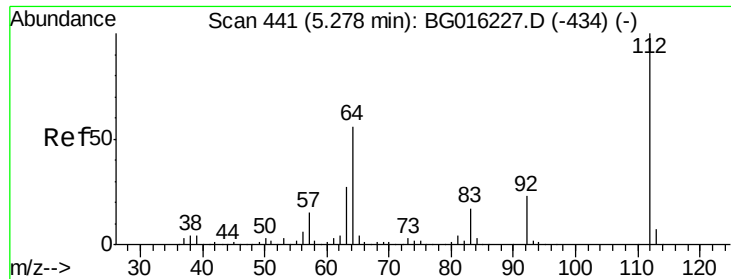
74 202.0 153.7 230.5

44 6.9 5.3 7.9



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





#5

2-Fluorophenol

Concen: 122.39 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

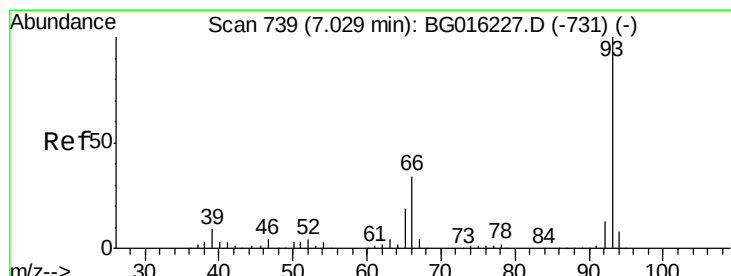
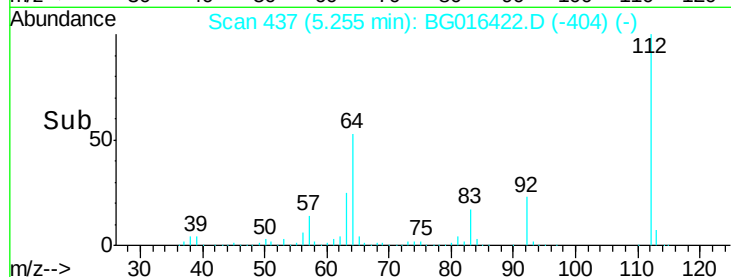
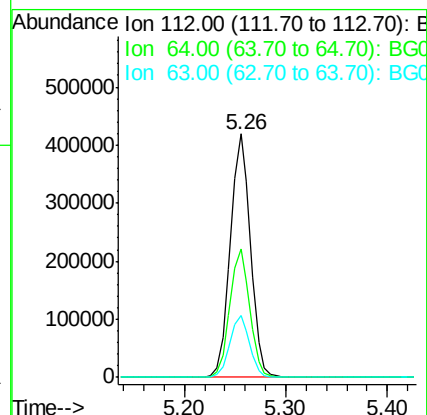
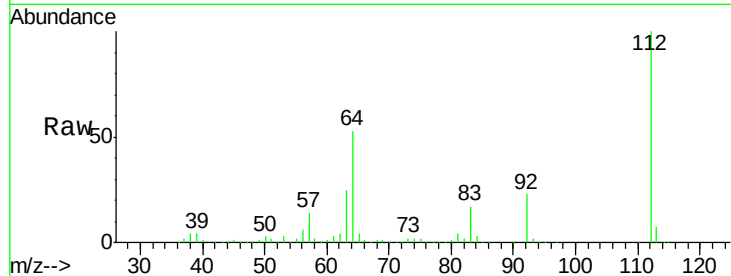
Instrument :

BNA_G

ClientSampled :

PB82692BS

Tgt Ion:	112	Resp:	575967
Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.5	66.7
63	25.3	21.4	32.0



#6

Aniline

Concen: 17.27 ng

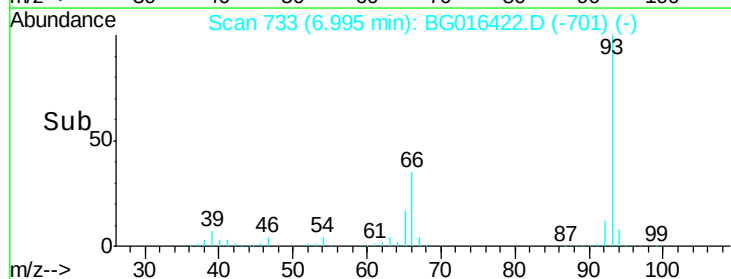
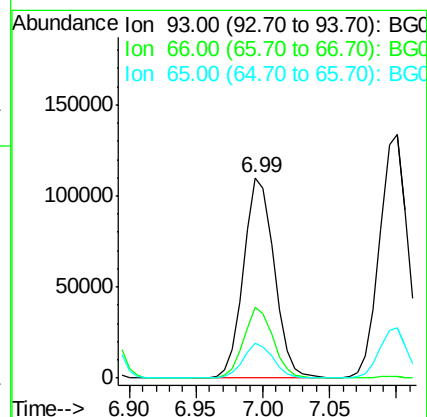
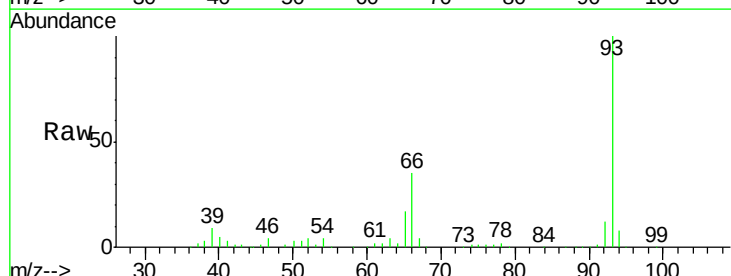
RT: 6.99 min Scan# 733

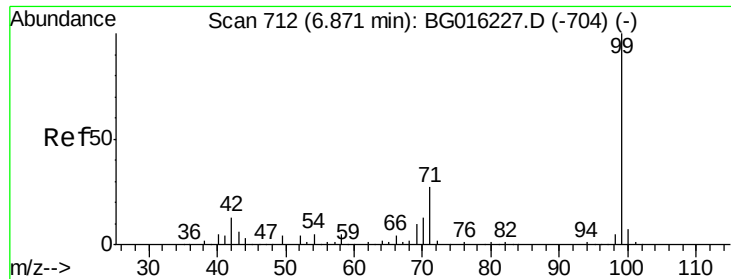
Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Tgt Ion:	93	Resp:	174205
Ion	Ratio	Lower	Upper
93	100		
66	35.3	27.5	41.3
65	17.3	15.1	22.7





#7

Phenol-d6

Concen: 113.17 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

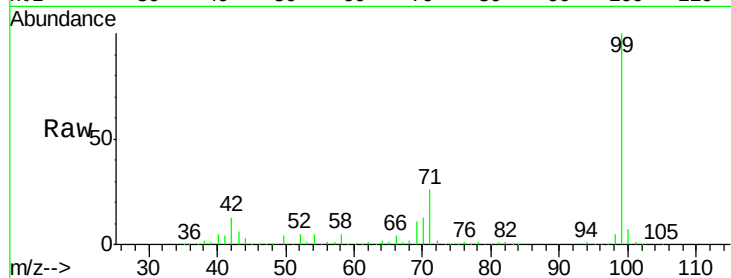
Tgt Ion: 99 Resp: 799472

Ion Ratio Lower Upper

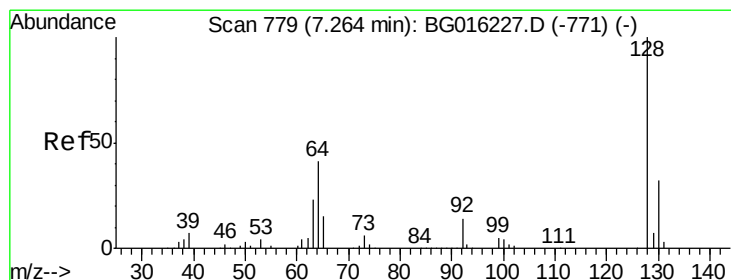
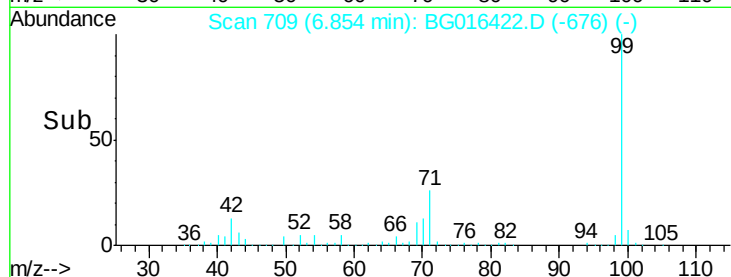
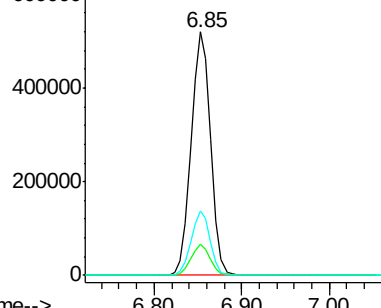
99 100

42 12.6 10.0 15.0

71 26.4 21.5 32.3



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



#8

2-Chlorophenol

Concen: 38.96 ng

RT: 7.24 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

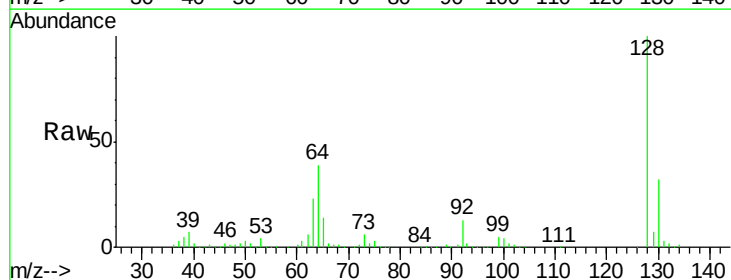
Tgt Ion: 128 Resp: 220160

Ion Ratio Lower Upper

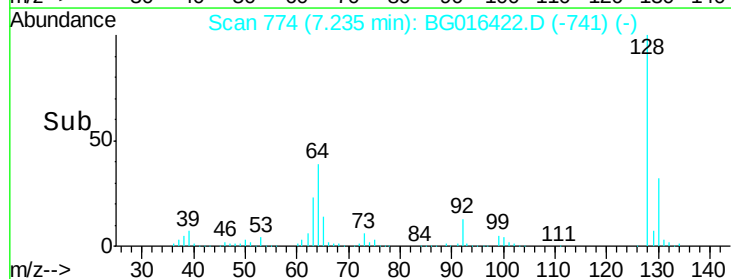
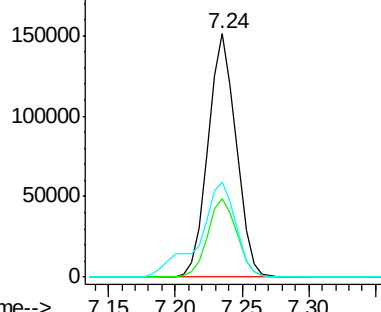
128 100

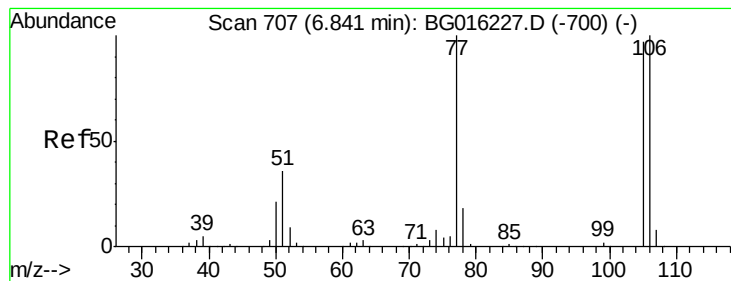
130 32.4 11.6 51.6

64 39.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 11.23 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.01 min

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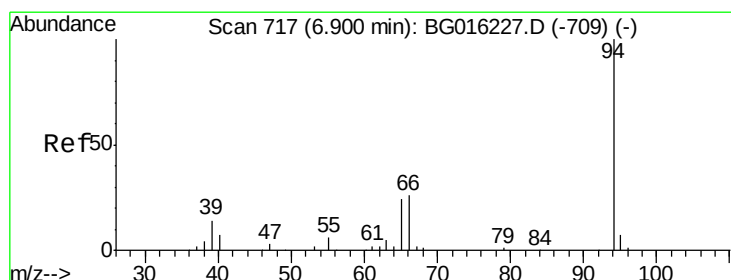
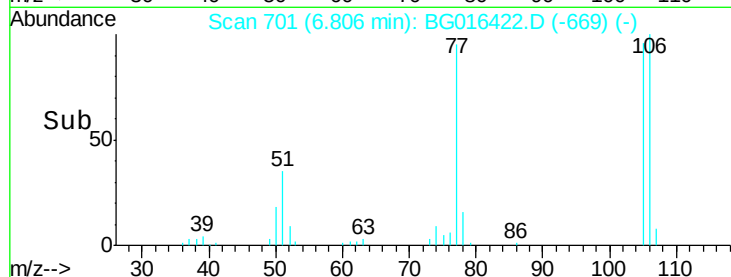
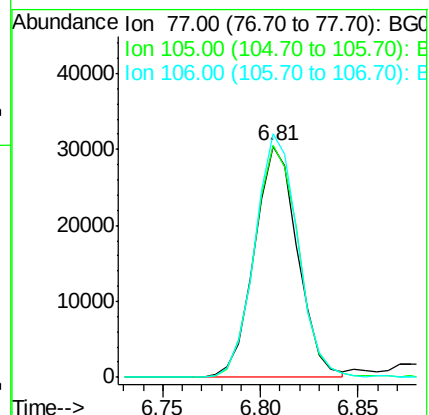
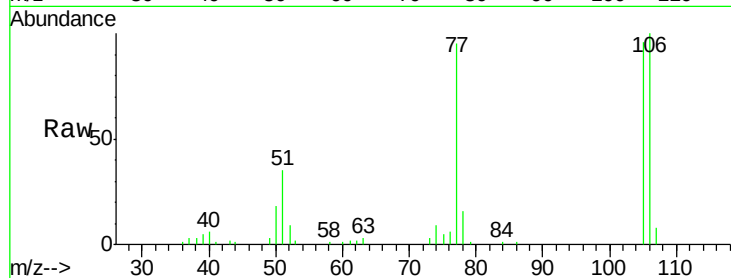
Tgt Ion: 77 Resp: 46451

Ion Ratio Lower Upper

77 100

105 100.8 76.8 116.8

106 105.4 80.1 120.1



#10

Phenol

Concen: 37.81 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

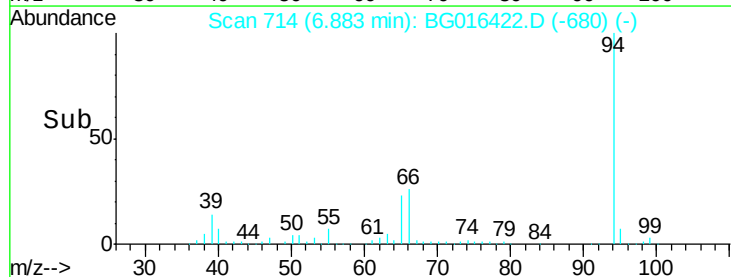
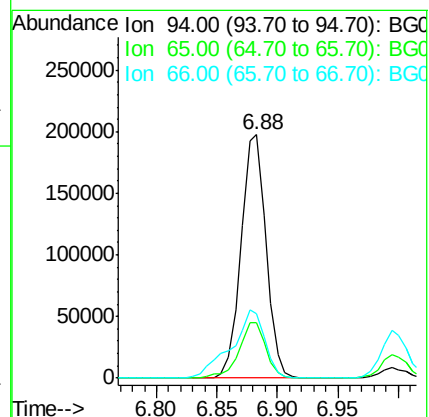
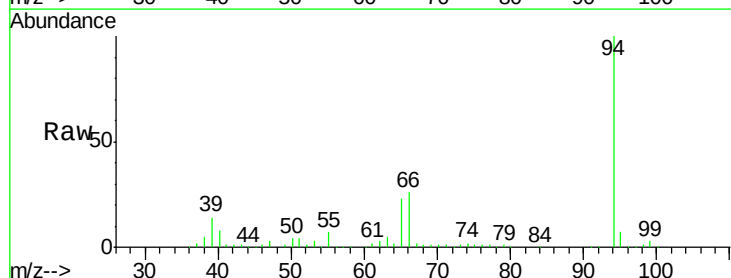
Tgt Ion: 94 Resp: 285775

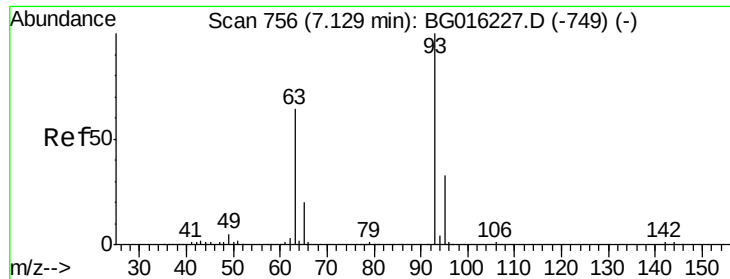
Ion Ratio Lower Upper

94 100

65 22.9 3.8 43.8

66 26.4 7.4 47.4

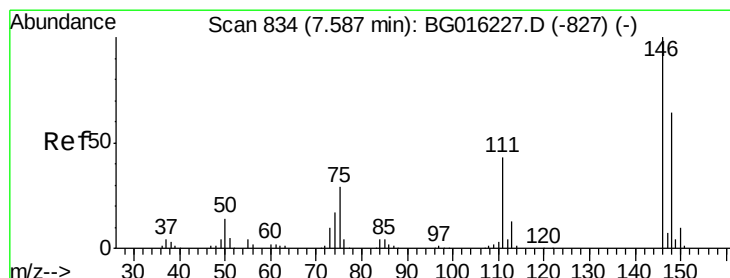
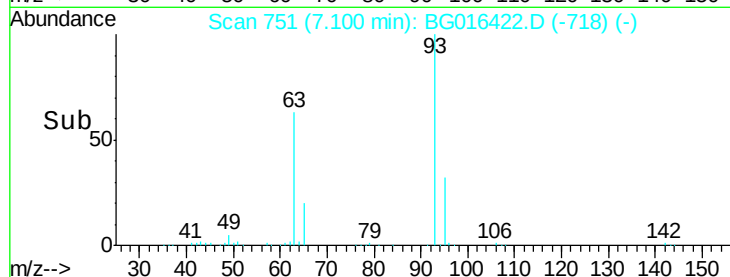
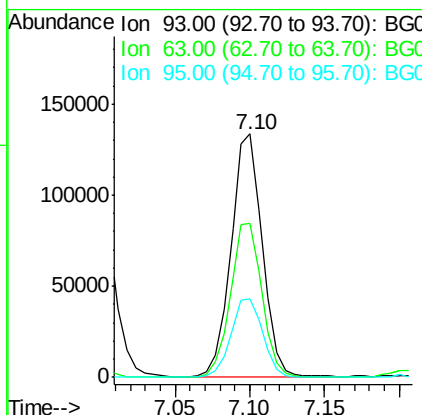
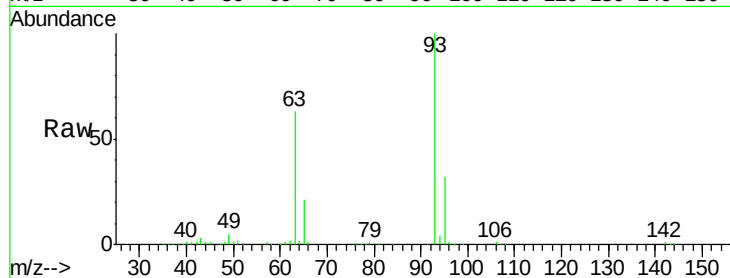




#11
bis(2-Chloroethyl)ether
Concen: 32.35 ng
RT: 7.10 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

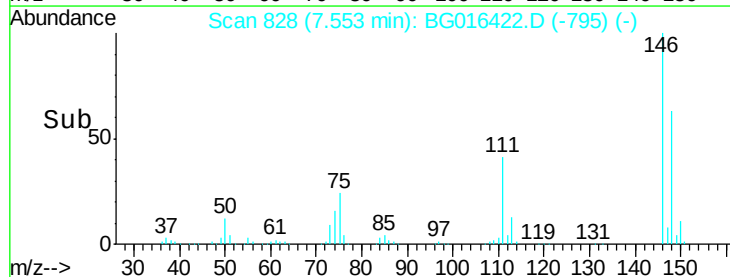
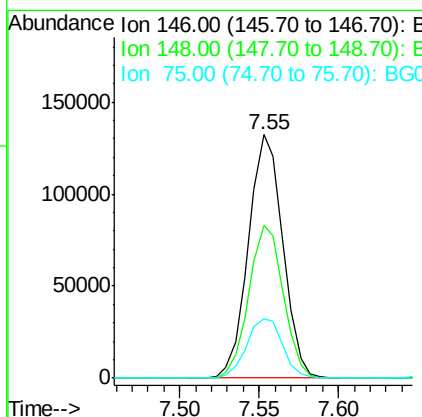
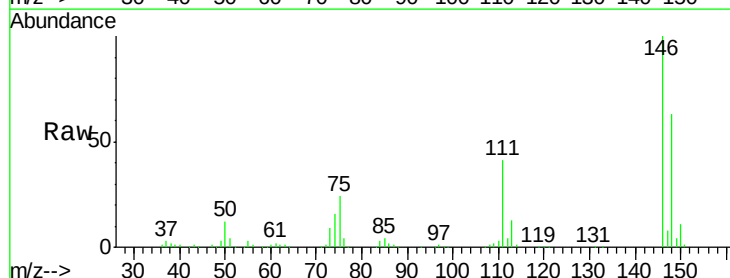
Instrument :
BNA_G
ClientSampleId :
PB82692BS

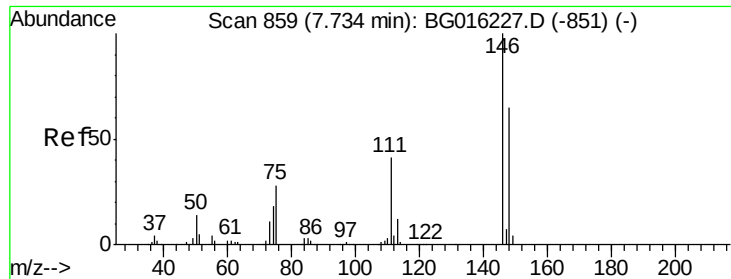
Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.2	44.1	84.1
95	32.3	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 34.97 ng
RT: 7.55 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	24.1	23.3	34.9

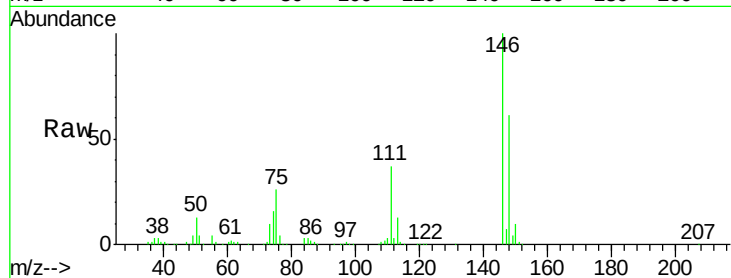




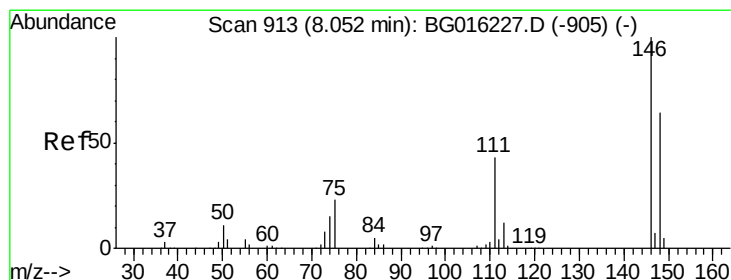
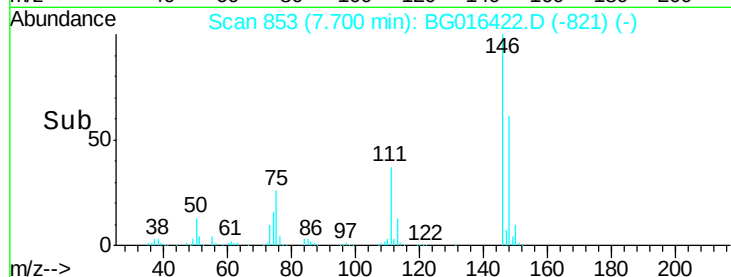
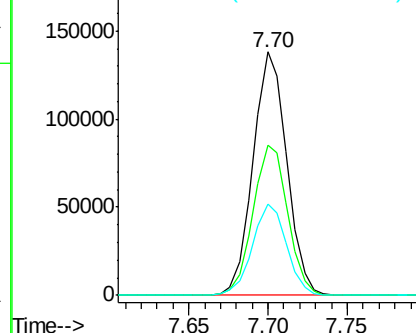
#13
 1,4-Dichlorobenzene
 Concen: 34.53 ng
 RT: 7.70 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

Tgt Ion:146 Resp: 204422
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.0 78.0
 111 37.4 32.6 49.0

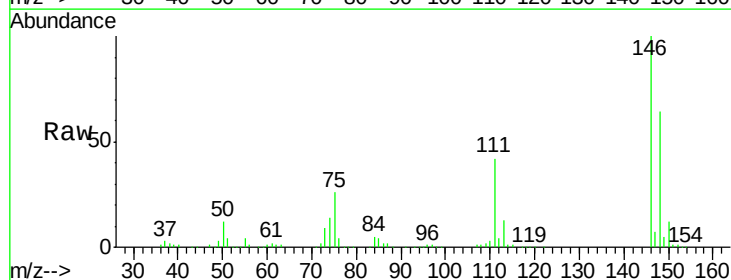


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

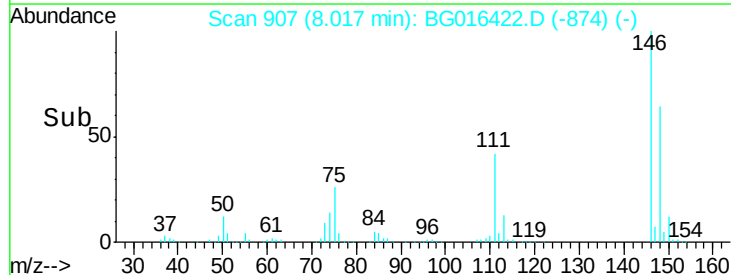
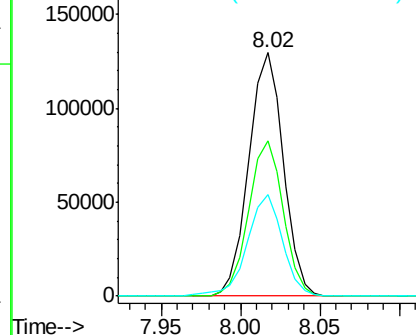


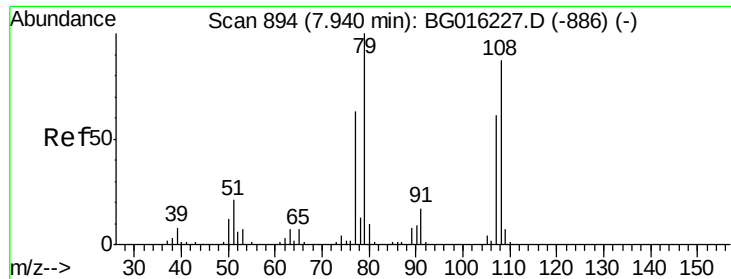
#14
 1,2-Dichlorobenzene
 Concen: 34.73 ng
 RT: 8.02 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:146 Resp: 196611
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.9 76.3
 111 41.6 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 34.18 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

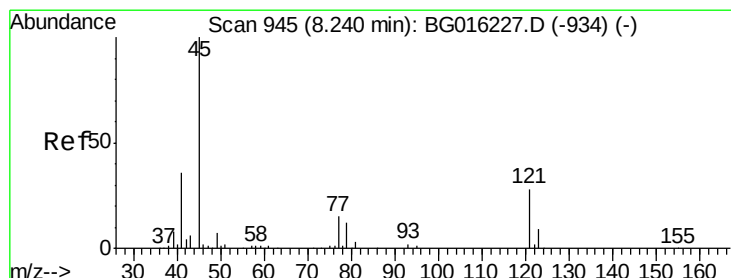
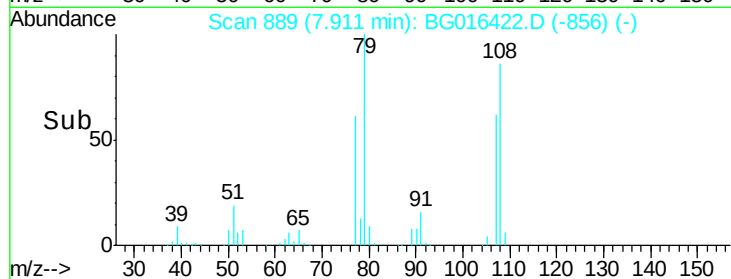
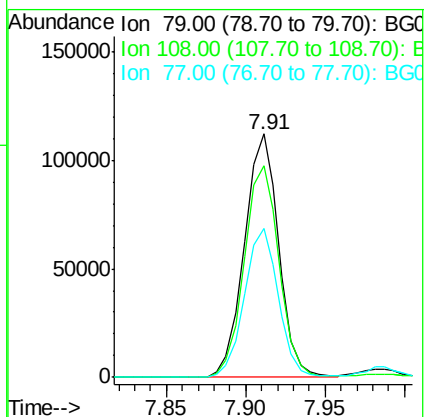
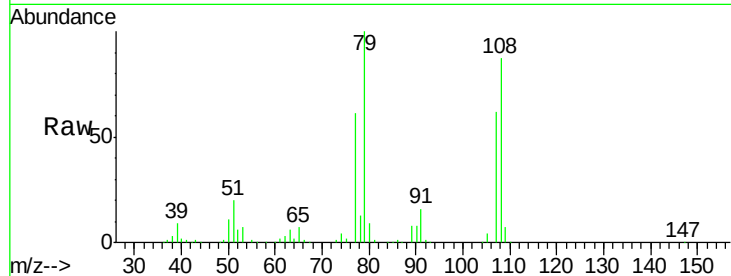
Tgt Ion: 79 Resp: 168336

Ion Ratio Lower Upper

79 100

108 86.7 69.3 103.9

77 61.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.20 ng

RT: 8.20 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

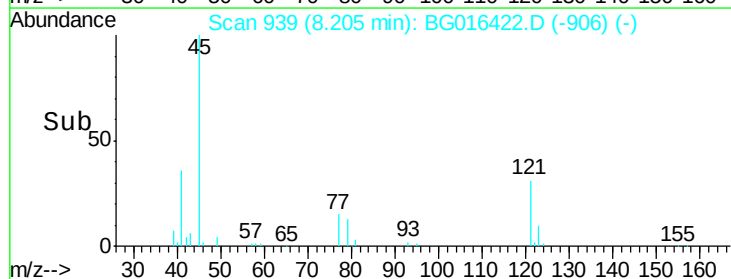
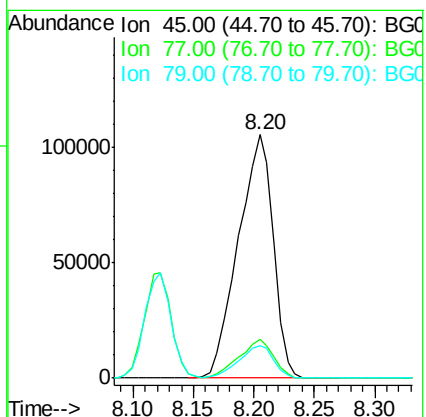
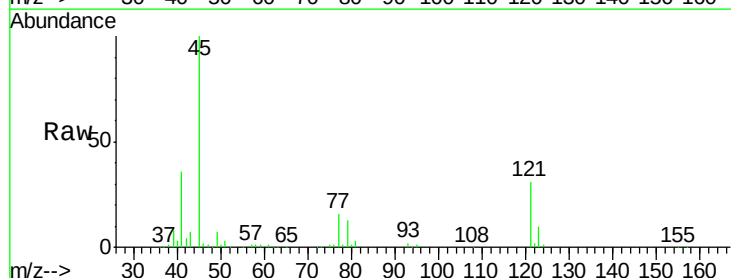
Tgt Ion: 45 Resp: 211752

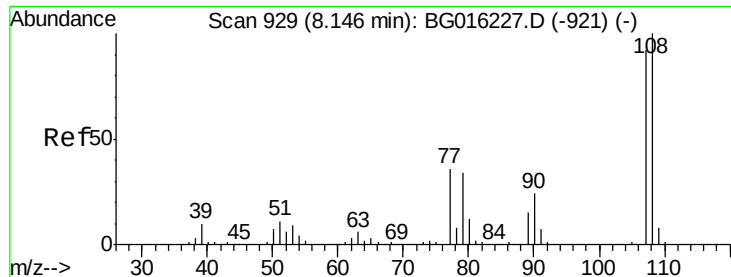
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.3

79 13.5 0.0 32.3

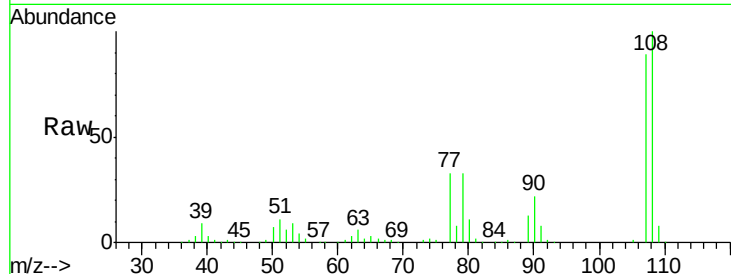




#17
2-Methylphenol
Concen: 36.83 ng
RT: 8.12 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.2	130.8
77	37.3	31.1	46.7
79	37.4	29.7	44.5



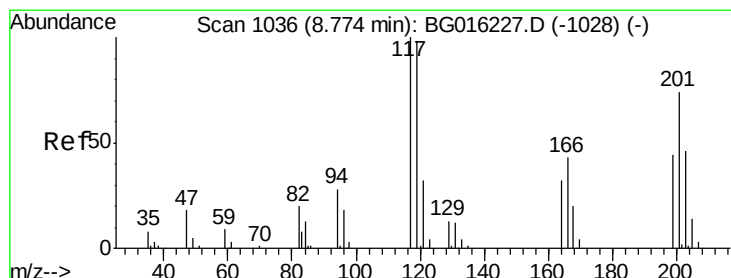
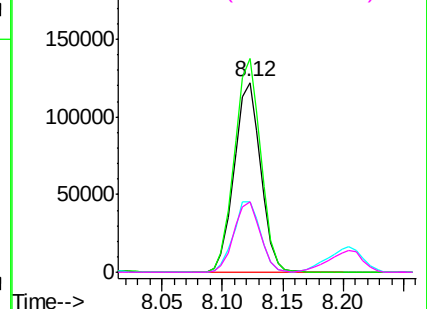
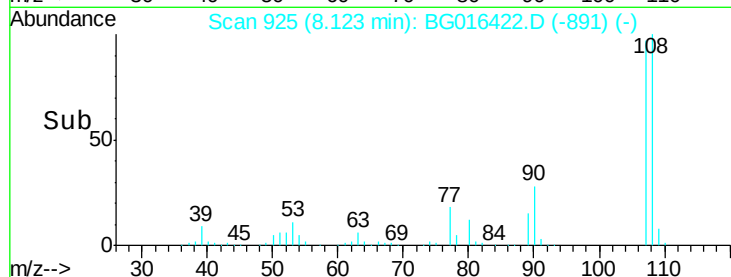
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

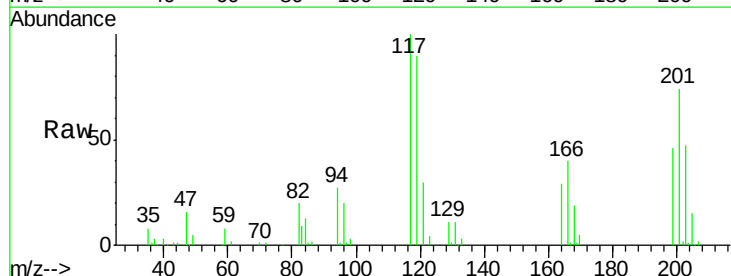
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.06 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	78.8	118.2
201	73.6	59.0	88.4

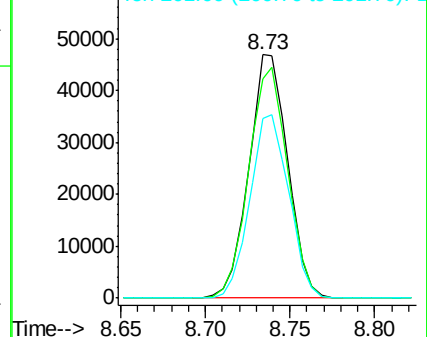
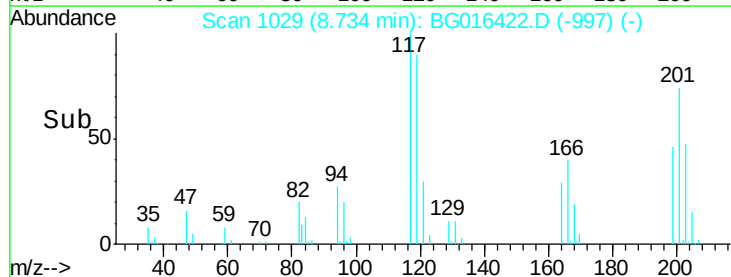


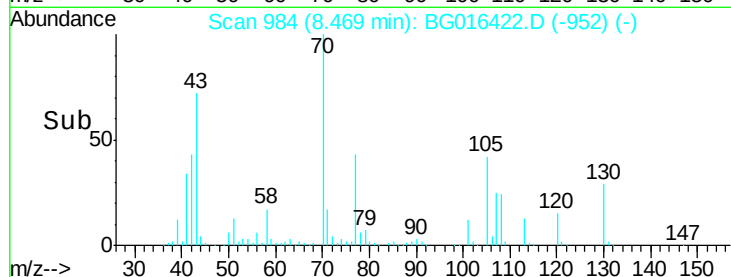
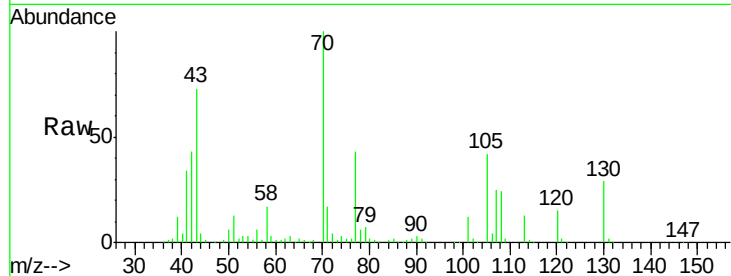
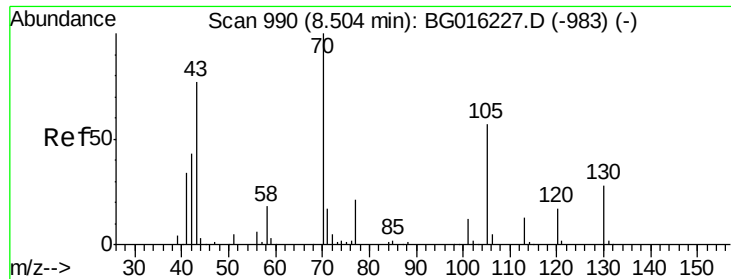
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

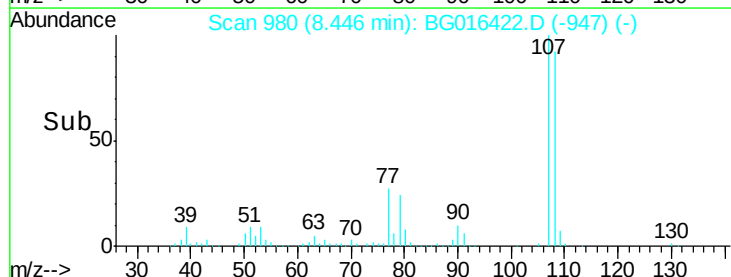
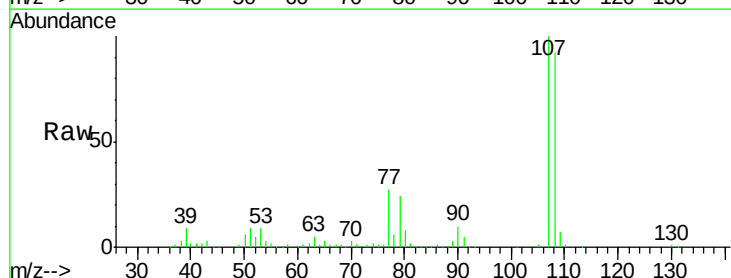
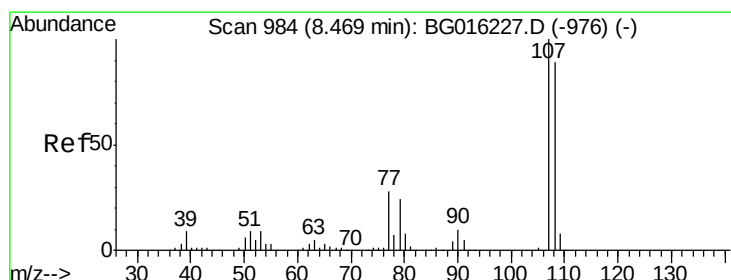
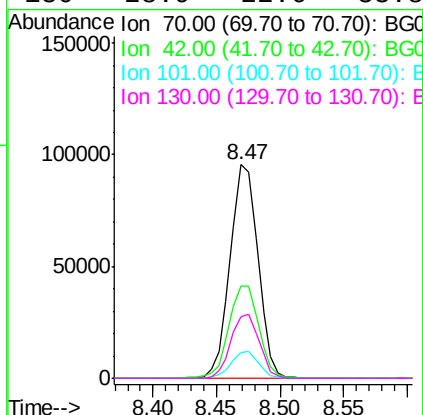




#19
n-Nitroso-di-n-propylamine
Concen: 28.65 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

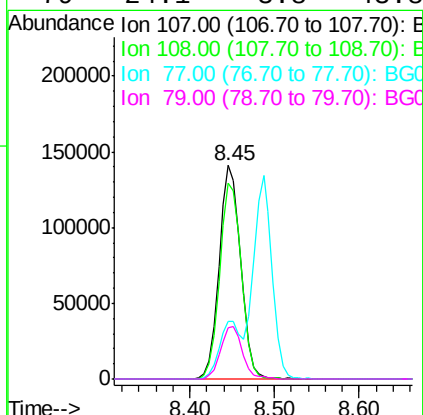
Instrument :
BNA_G
ClientSampleId :
PB82692BS

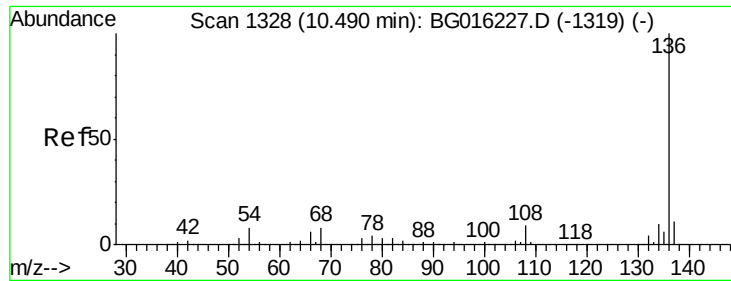
Tgt Ion:	70	Resp:	145015
Ion	Ratio	Lower	Upper
70	100		
42	43.2	34.7	52.1
101	12.0	9.2	13.8
130	28.9	22.6	33.8



#20
3+4-Methylphenols
Concen: 35.55 ng
RT: 8.45 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:	107	Resp:	249586
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.5	109.5
77	27.1	8.2	48.2
79	24.1	3.8	43.8

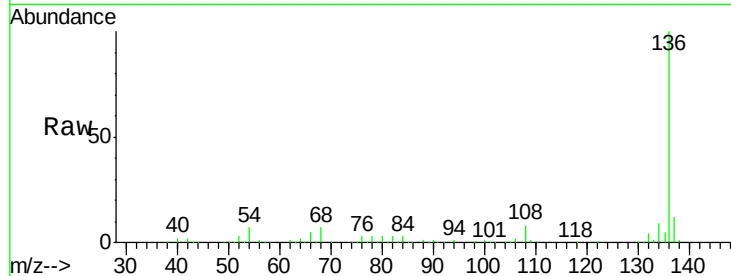




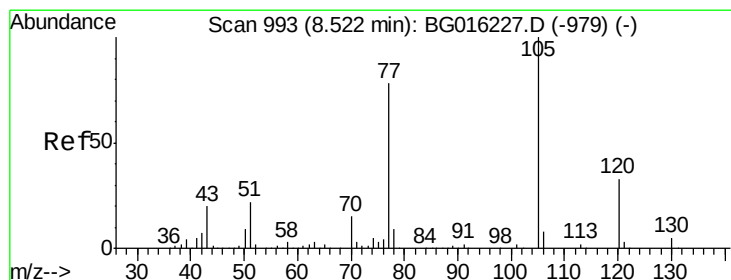
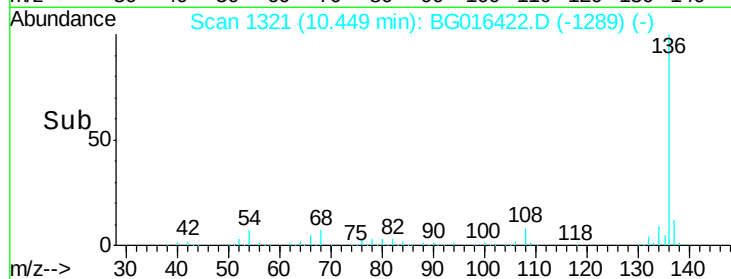
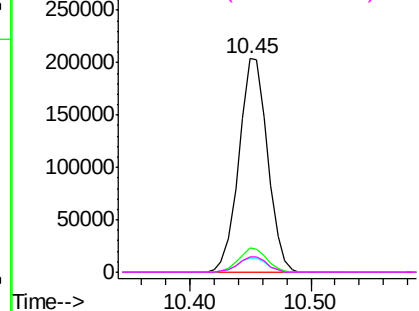
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Tgt Ion:	136	Resp:	337485
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.8	6.3	9.5
68	7.4	6.5	9.7

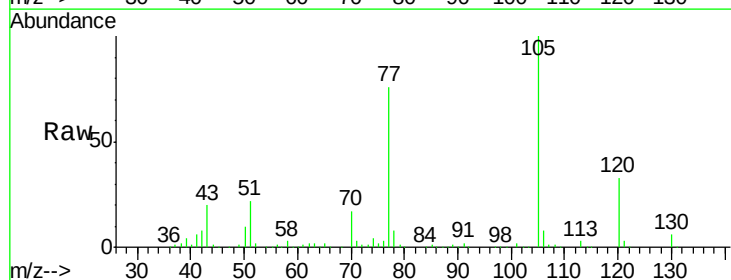


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

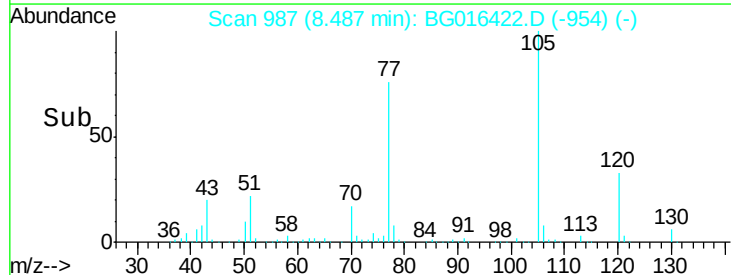
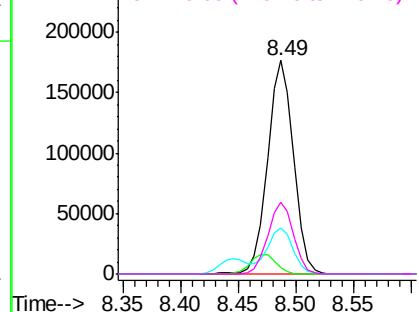


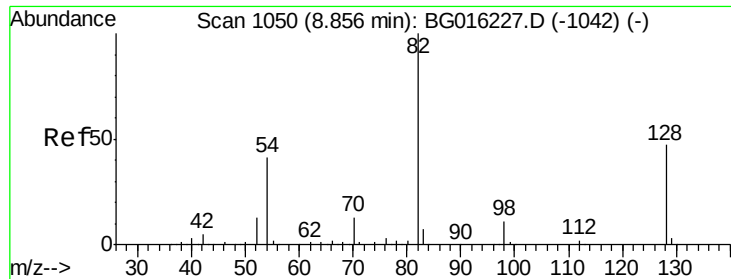
#22
Acetophenone
Concen: 35.24 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:	105	Resp:	275756
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	21.7	17.9	26.9
120	33.3	26.3	39.5



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

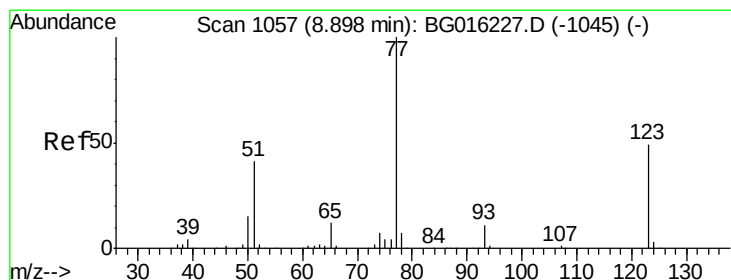
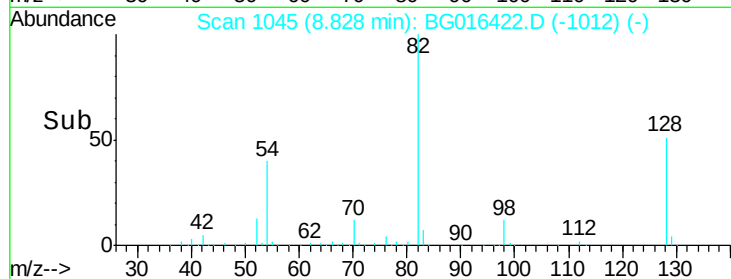
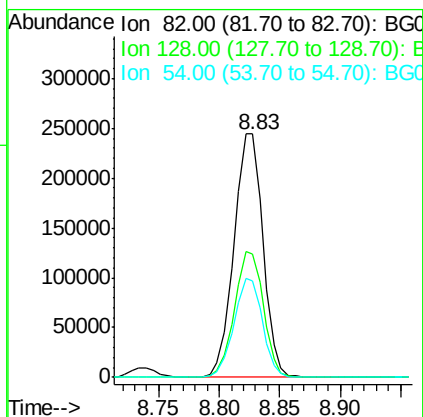
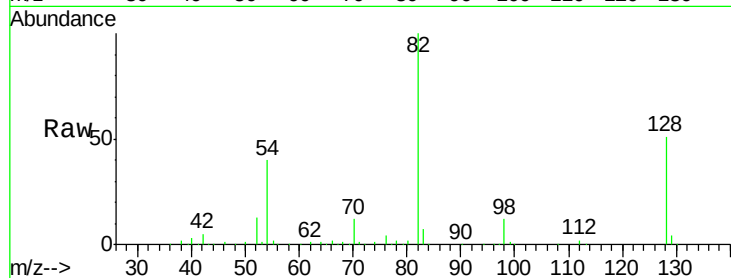




#23
 Nitrobenzene-d5
 Concen: 70.42 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

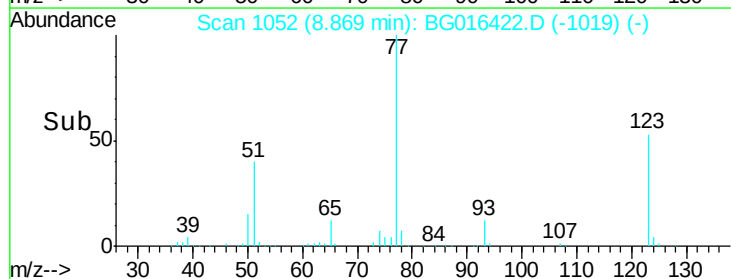
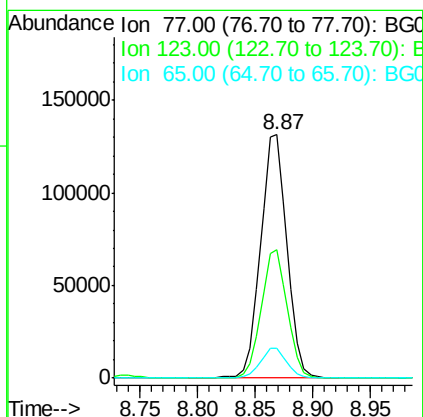
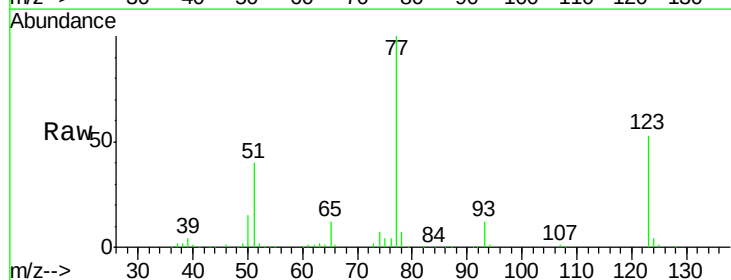
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

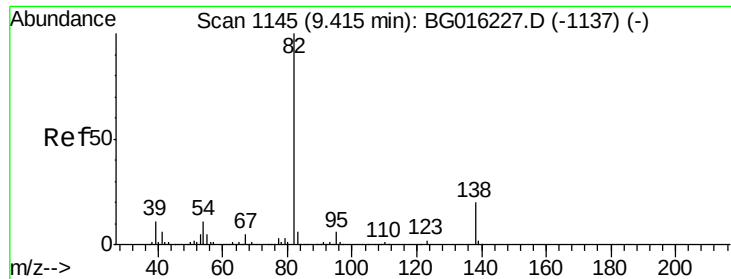
Tgt Ion: 82 Resp: 410222
 Ion Ratio Lower Upper
 82 100
 128 50.6 37.8 56.8
 54 39.7 32.6 49.0



#24
 Nitrobenzene
 Concen: 33.74 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion: 77 Resp: 210223
 Ion Ratio Lower Upper
 77 100
 123 52.8 38.8 58.2
 65 12.0 9.4 14.2





#25

Isophorone

Concen: 30.63 ng

RT: 9.39 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

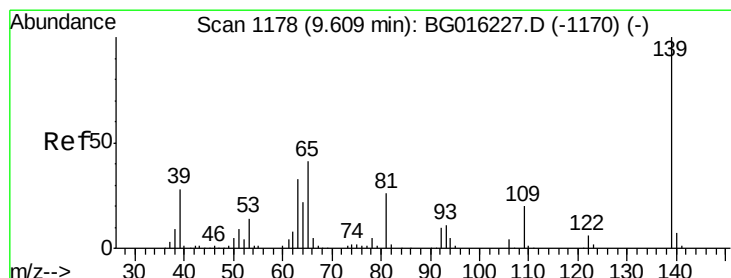
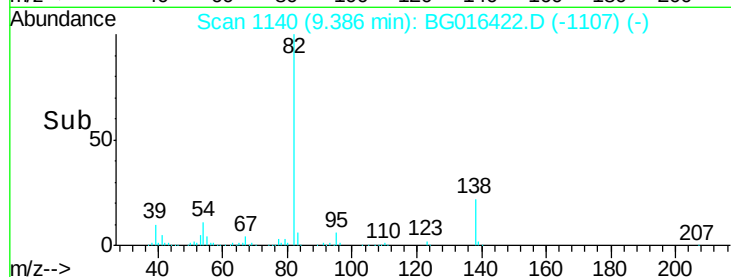
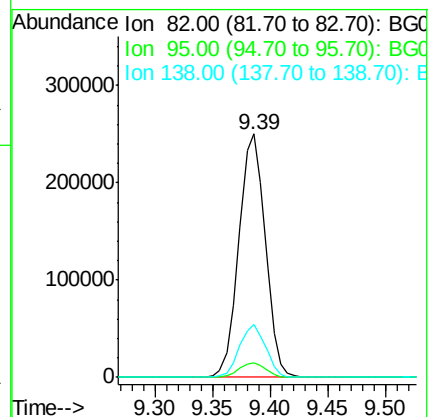
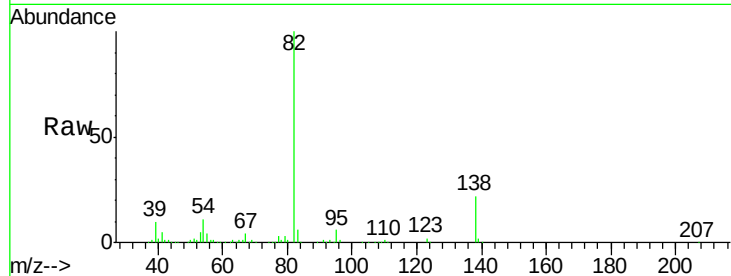
Tgt Ion: 82 Resp: 396275

Ion Ratio Lower Upper

82 100

95 6.0 5.0 7.6

138 21.6 16.2 24.2



#26

2-Nitrophenol

Concen: 41.02 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

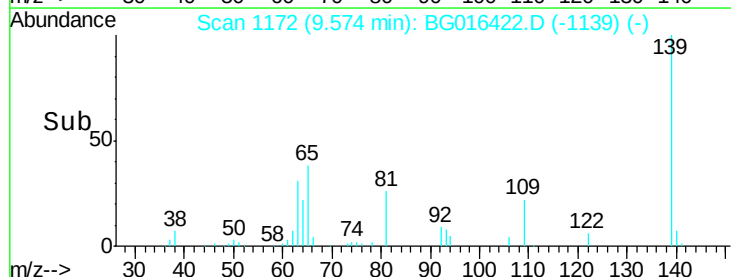
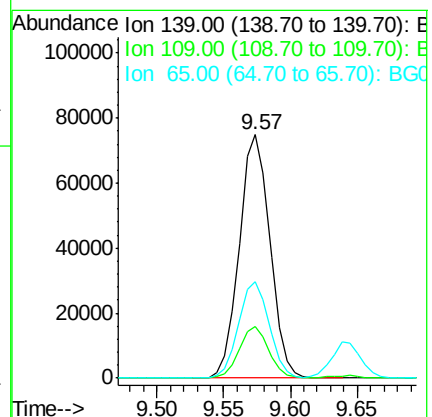
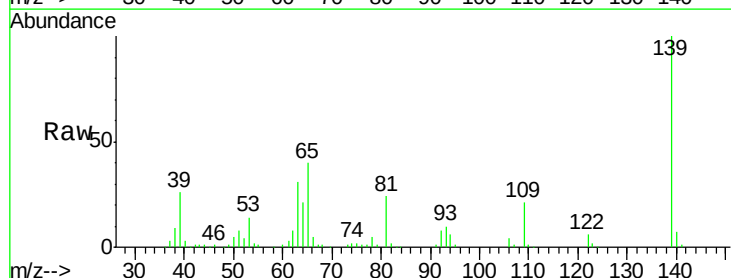
Tgt Ion: 139 Resp: 119152

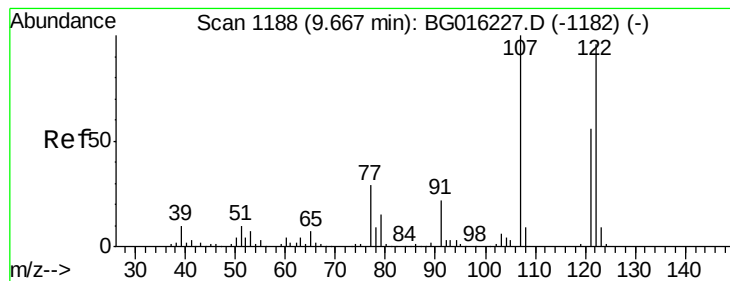
Ion Ratio Lower Upper

139 100

109 21.3 15.9 23.9

65 39.8 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 39.25 ng

RT: 9.64 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

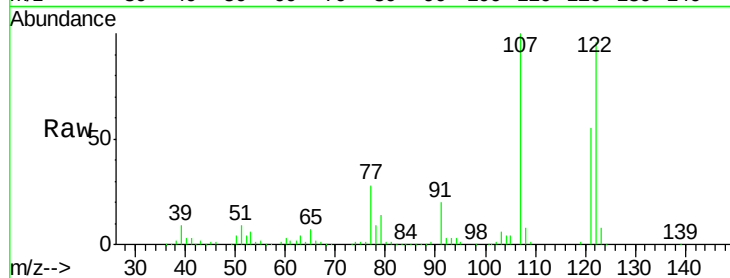
Tgt Ion: 122 Resp: 212385

Ion Ratio Lower Upper

122 100

107 104.7 83.4 125.2

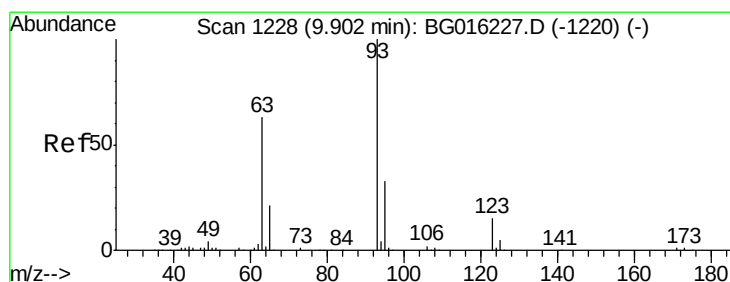
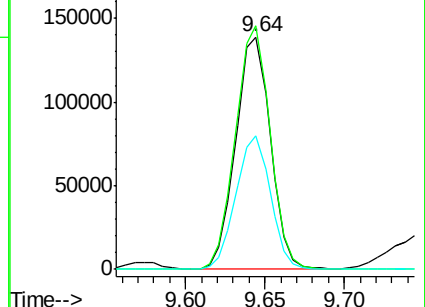
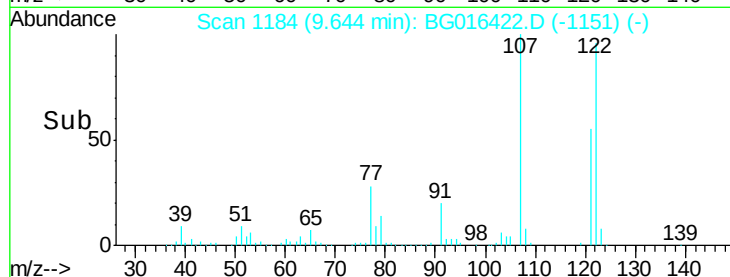
121 57.2 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.79 ng

RT: 9.87 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

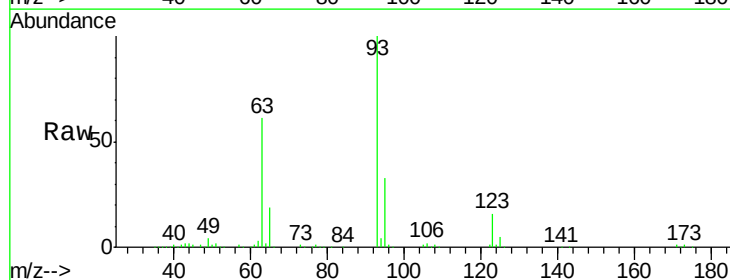
Tgt Ion: 93 Resp: 249532

Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

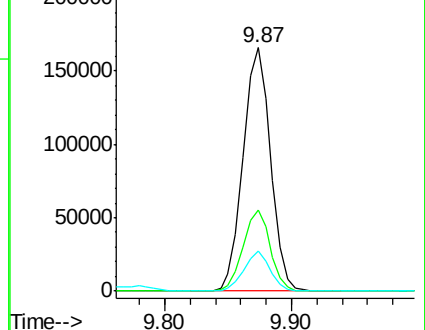
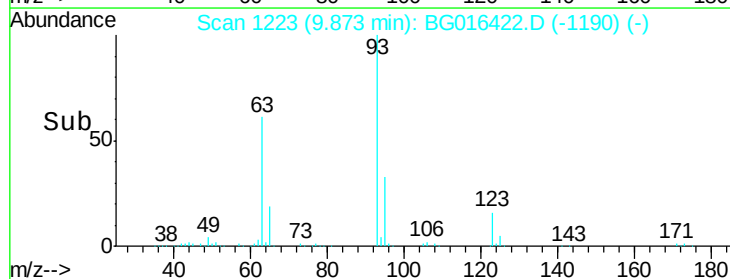
123 16.3 11.8 17.8

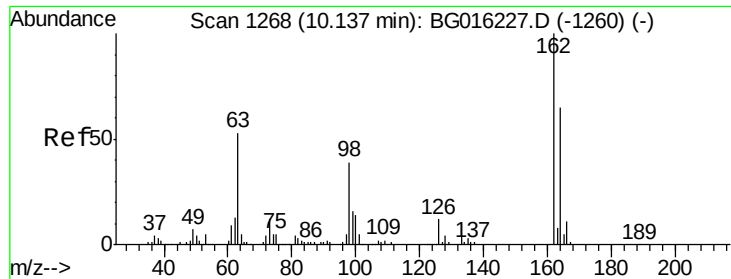


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

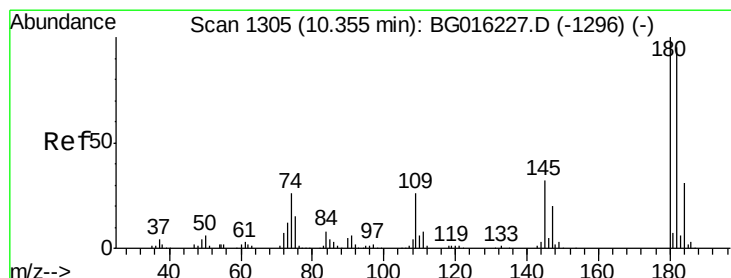
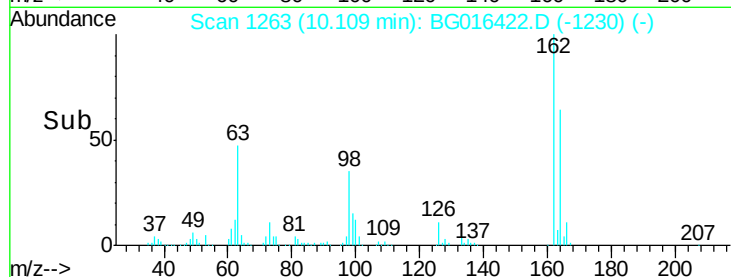
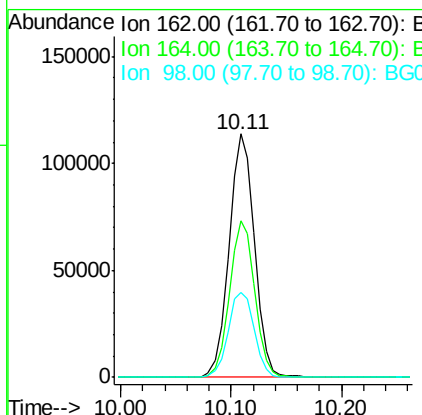
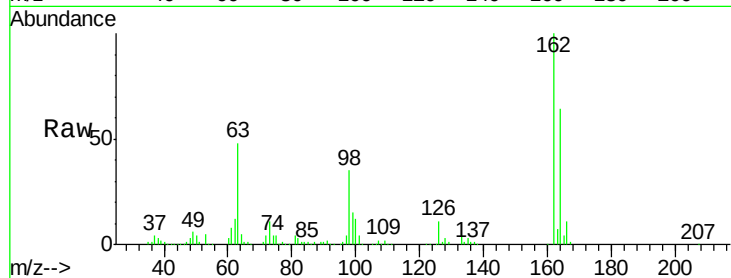




#29
 2,4-Dichlorophenol
 Concen: 42.78 ng
 RT: 10.11 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

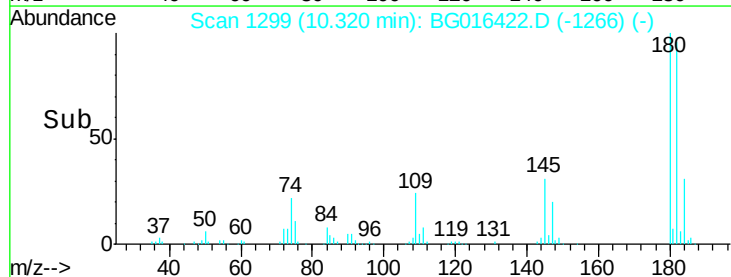
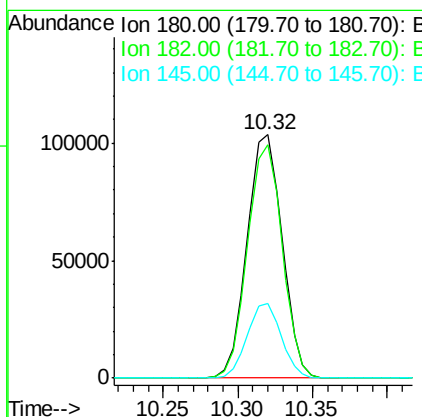
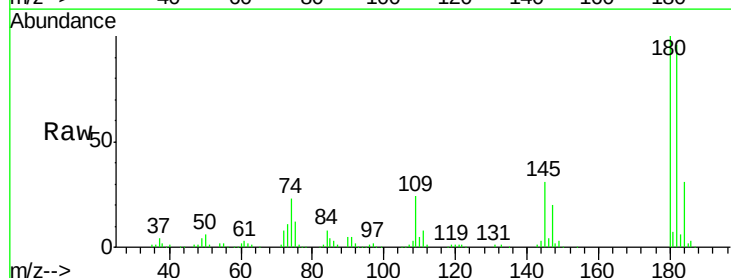
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

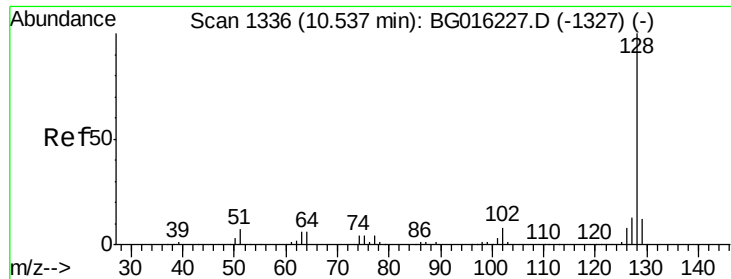
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.0	85.0
98	35.1	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.59 ng
 RT: 10.32 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	30.7	25.2	37.8

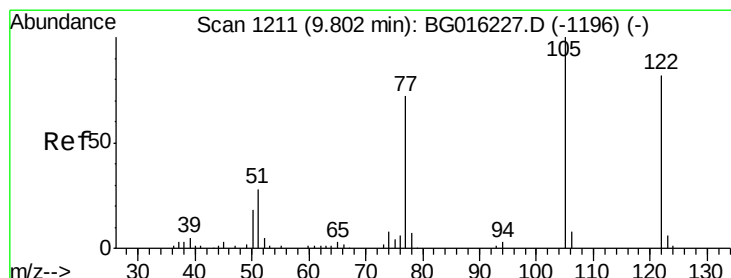
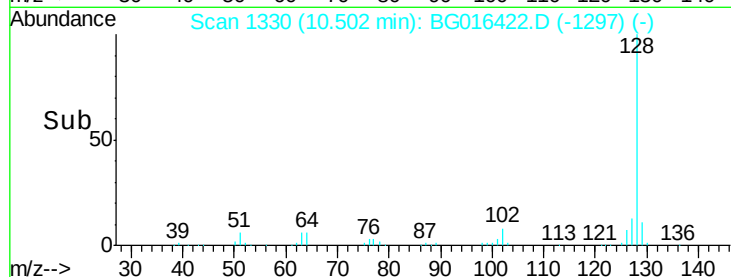
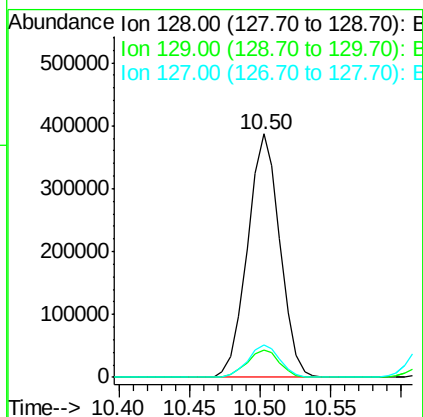
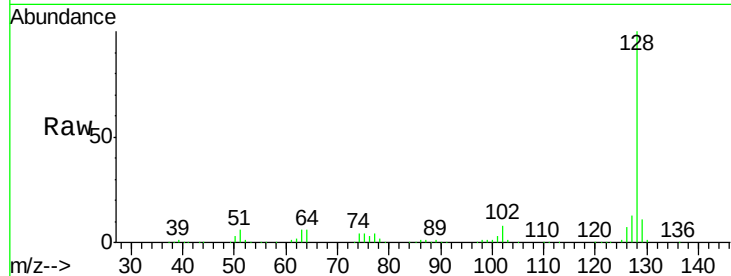




#31
Naphthalene
Concen: 35.25 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

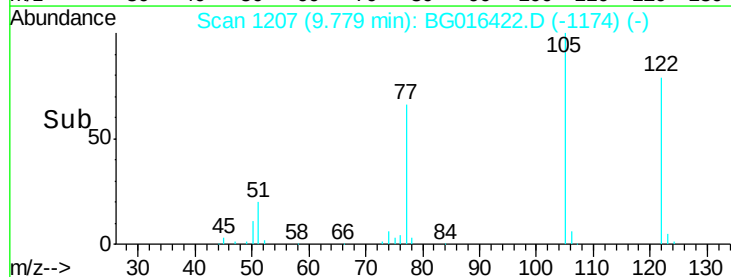
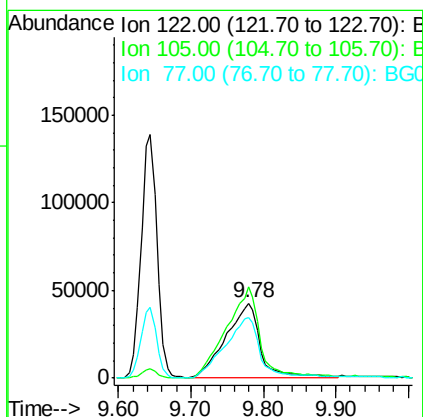
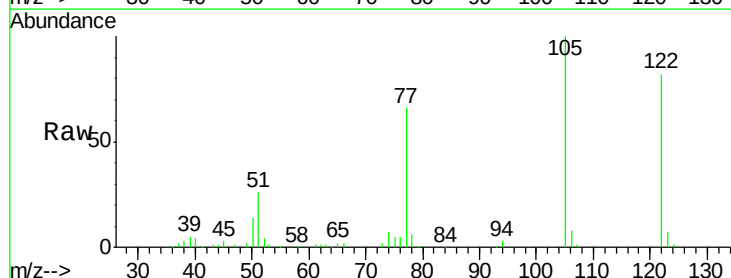
Instrument :
BNA_G
ClientSampleId :
PB82692BS

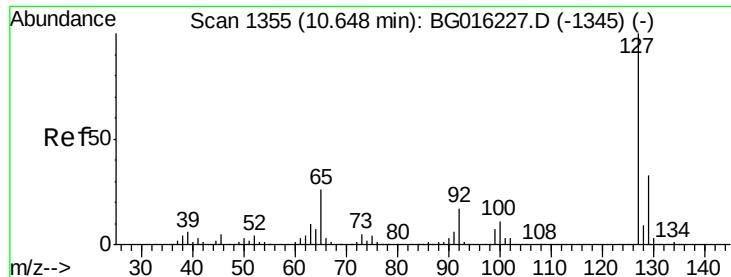
Tgt Ion:128 Resp: 619821
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 40.88 ng
RT: 9.78 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:122 Resp: 138710
Ion Ratio Lower Upper
122 100
105 121.8 99.7 139.7
77 80.9 66.8 106.8

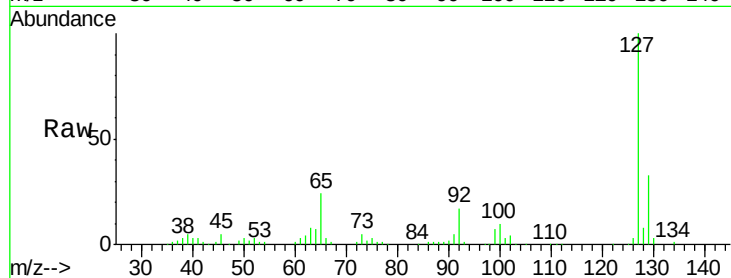




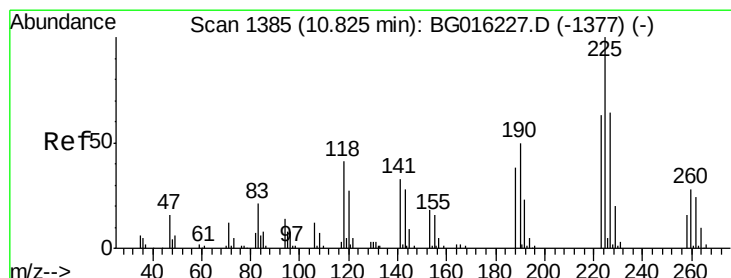
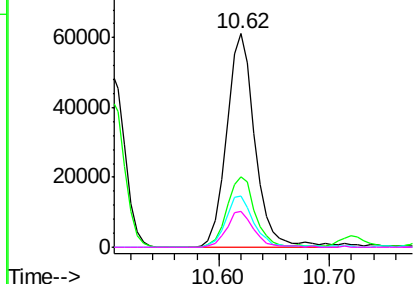
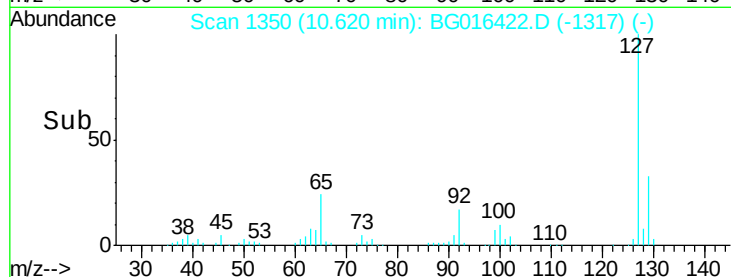
#33
4-Chloroaniline
Concen: 13.35 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Tgt Ion:	127	Resp:	110123
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	23.9	21.2	31.8
92	17.1	13.8	20.6

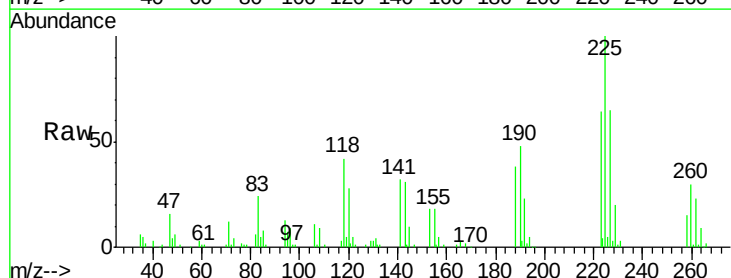


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

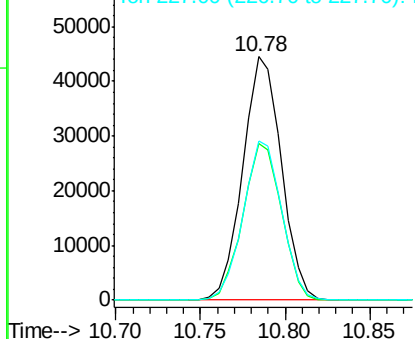
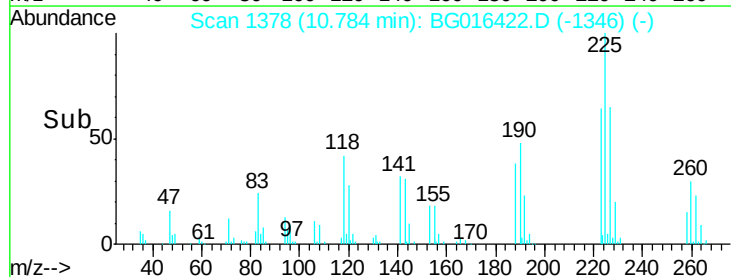


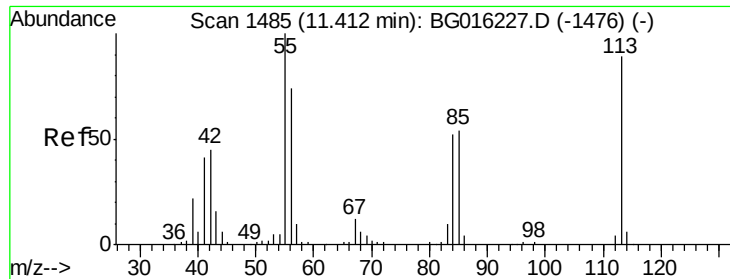
#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 10.78 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:	225	Resp:	70977
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.4	75.6
227	65.3	51.2	76.8



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





#35

Caprolactam

Concen: 23.43 ng

RT: 11.38 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

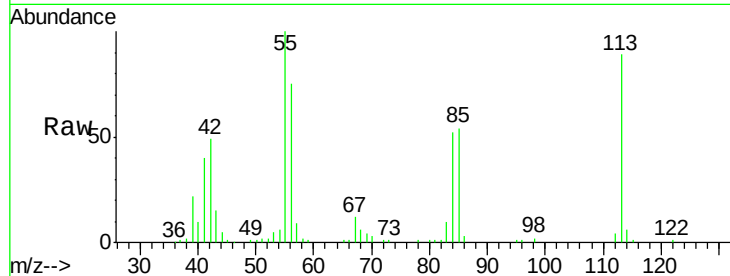
Tgt Ion:113 Resp: 63164

Ion Ratio Lower Upper

113 100

55 112.3 92.4 132.4

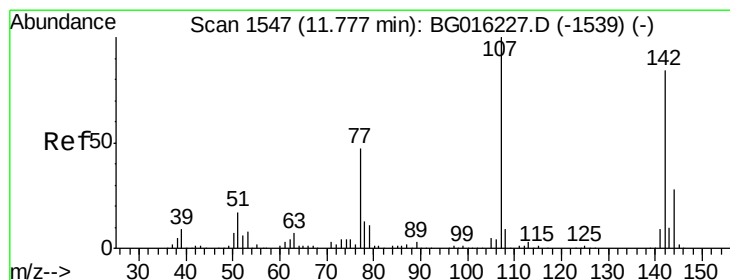
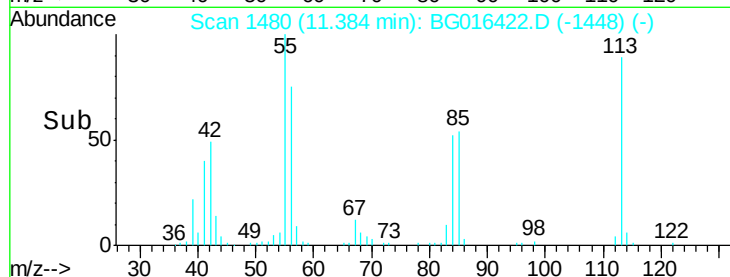
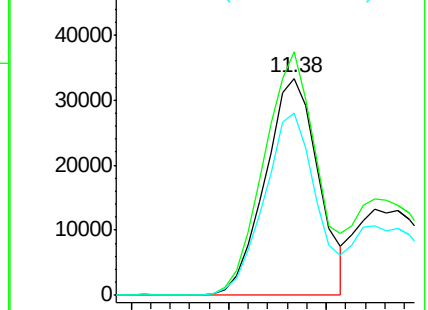
56 84.3 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.49 ng

RT: 11.76 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

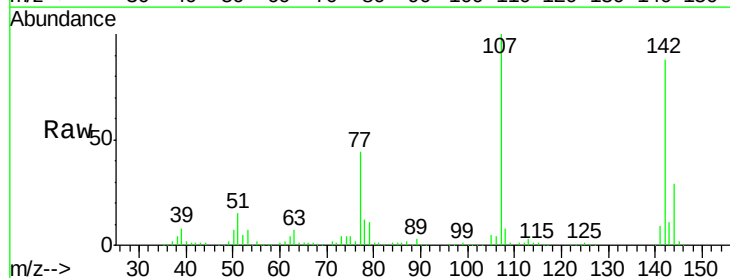
Tgt Ion:107 Resp: 217704

Ion Ratio Lower Upper

107 100

144 29.1 22.0 33.0

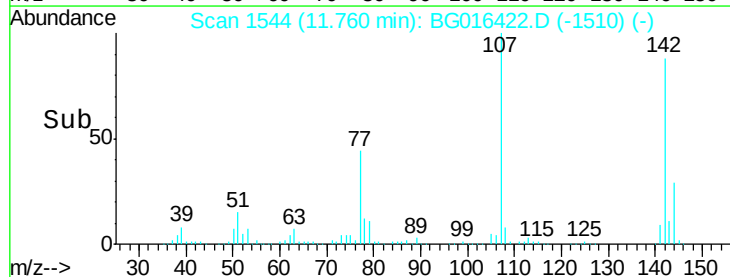
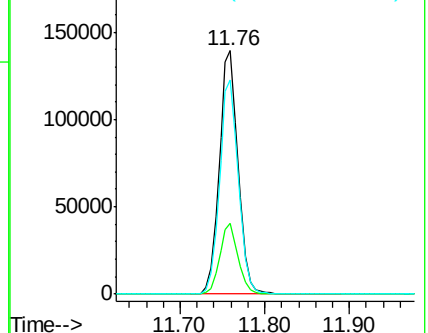
142 88.0 67.0 100.6

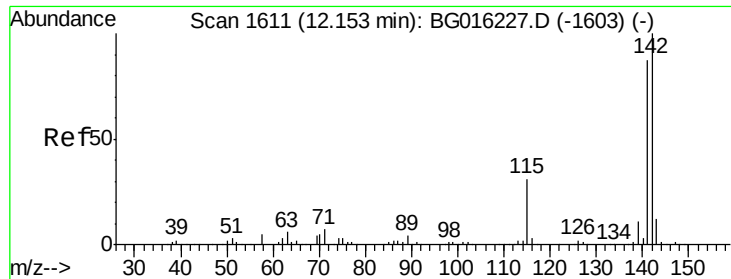


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

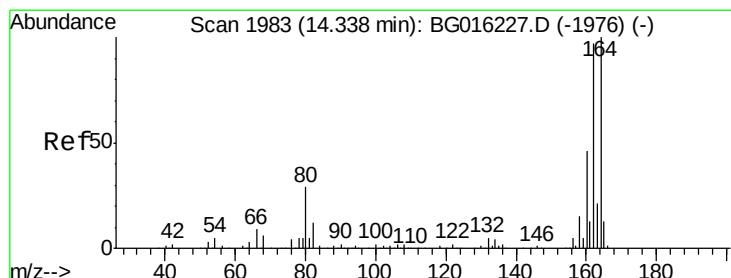
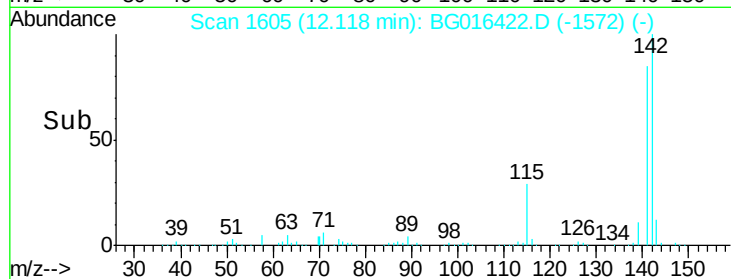
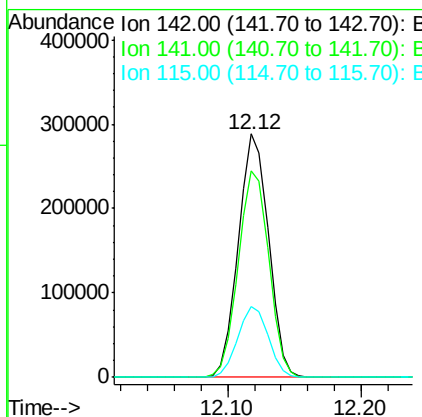
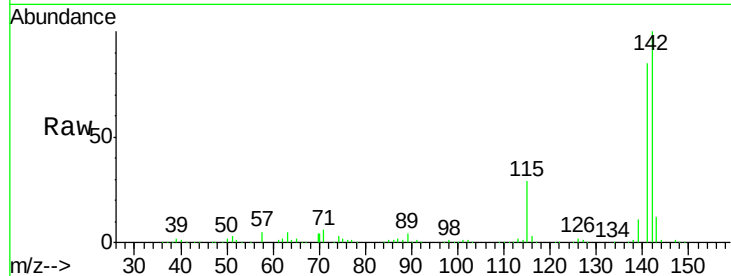




#37
2-Methylnaphthalene
Concen: 35.71 ng
RT: 12.12 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

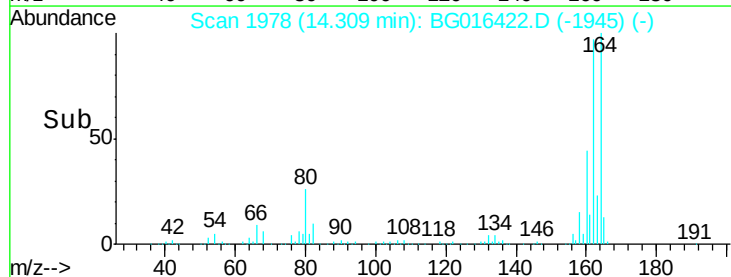
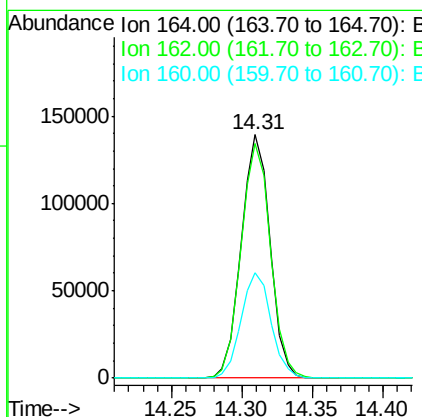
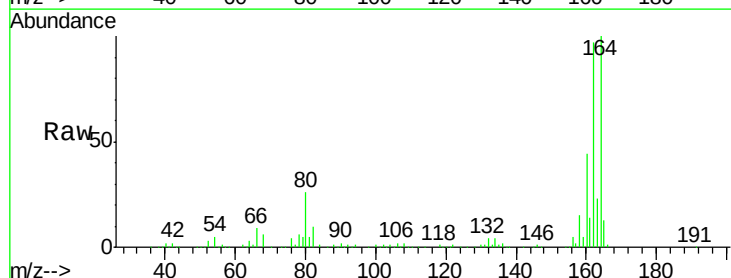
Instrument :
BNA_G
ClientSampleId :
PB82692BS

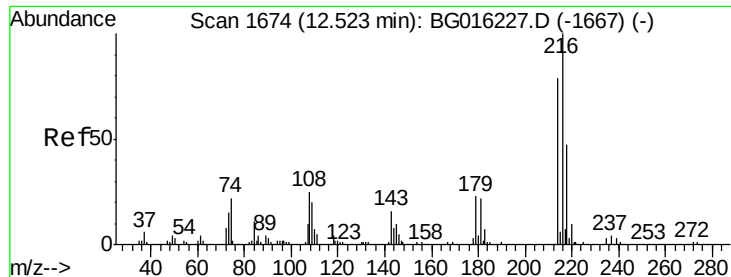
Tgt Ion:142 Resp: 451791
Ion Ratio Lower Upper
142 100
141 85.0 69.3 103.9
115 29.0 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:164 Resp: 198379
Ion Ratio Lower Upper
164 100
162 96.5 77.3 115.9
160 43.5 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.52 ng

RT: 12.49 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

Tgt Ion:216 Resp: 155136

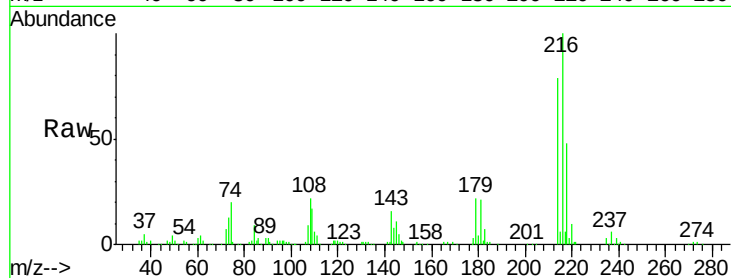
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 23.3 18.2 27.2

108 26.2 21.2 31.8

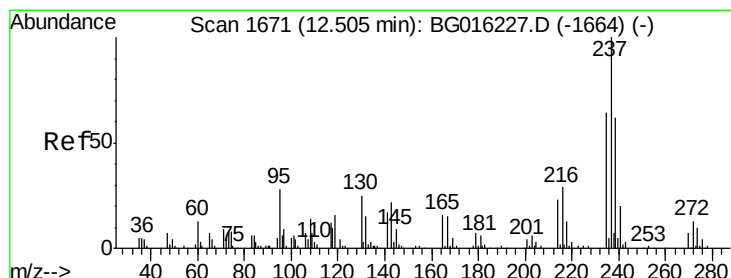
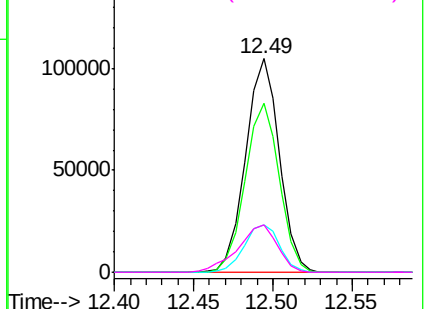
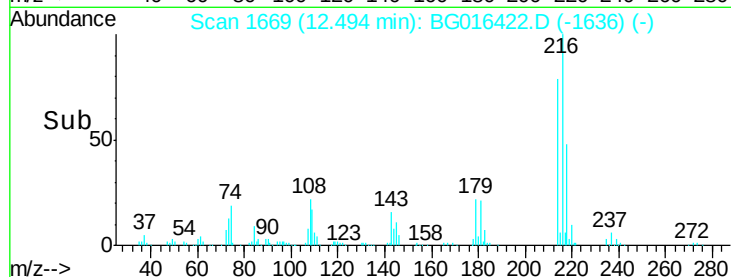


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.94 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

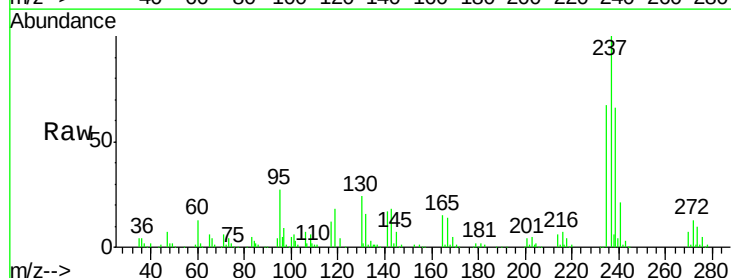
Tgt Ion:237 Resp: 143819

Ion Ratio Lower Upper

237 100

235 67.0 43.9 83.9

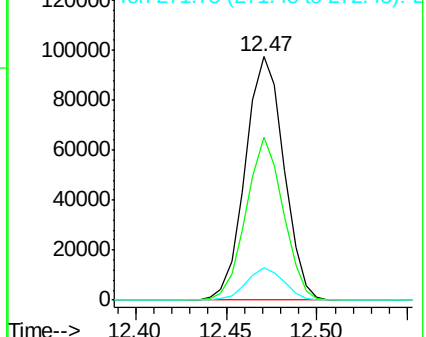
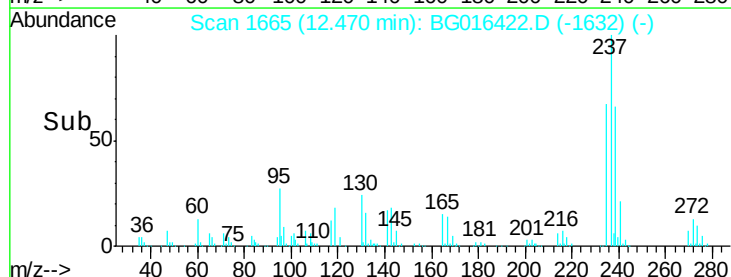
272 13.3 0.0 33.1

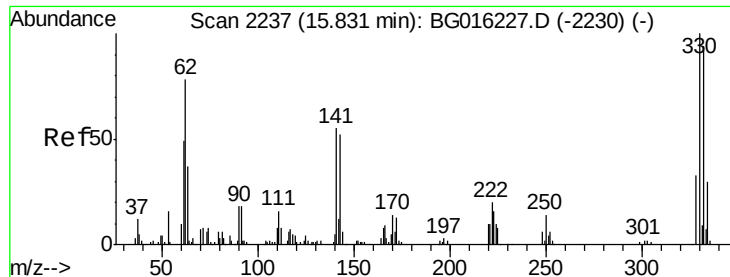


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

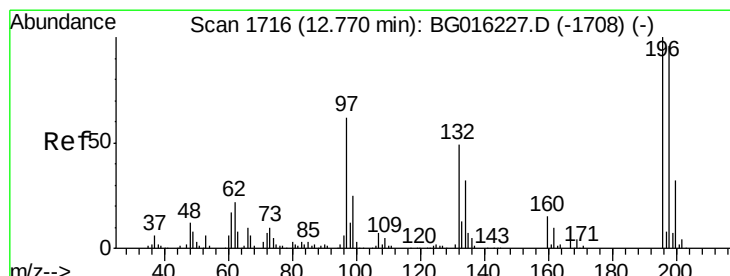
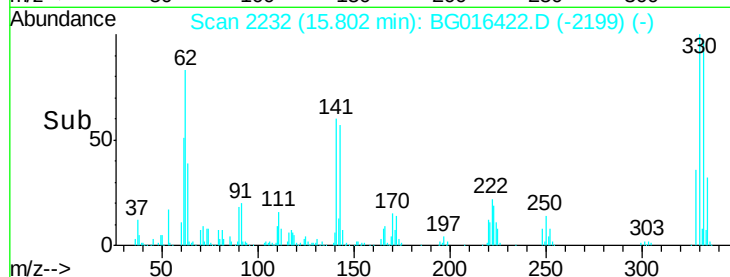
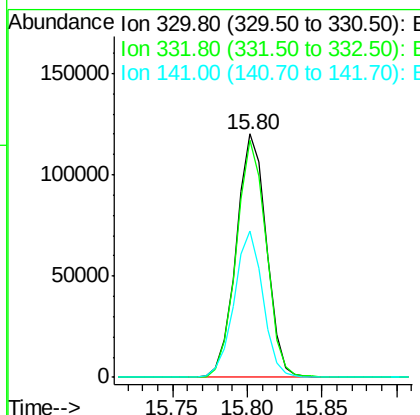
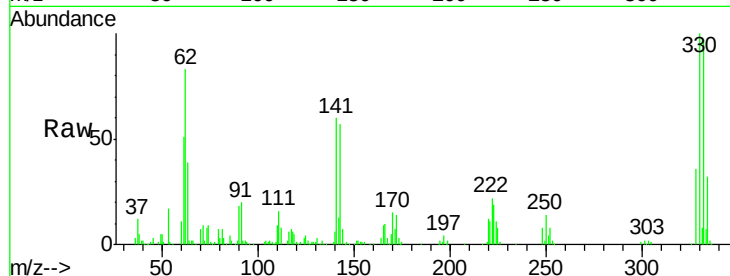




#41
 2,4,6-Tribromophenol
 Concen: 126.18 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

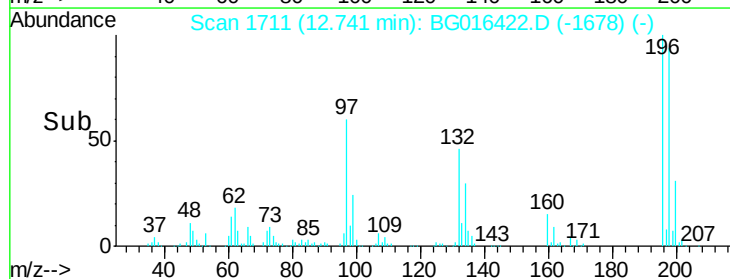
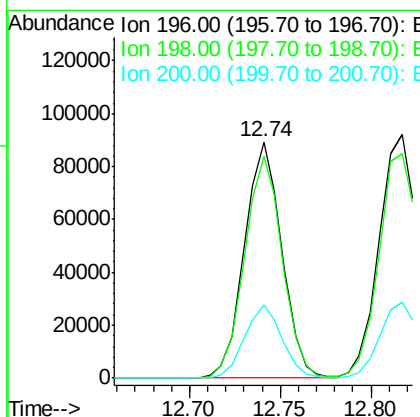
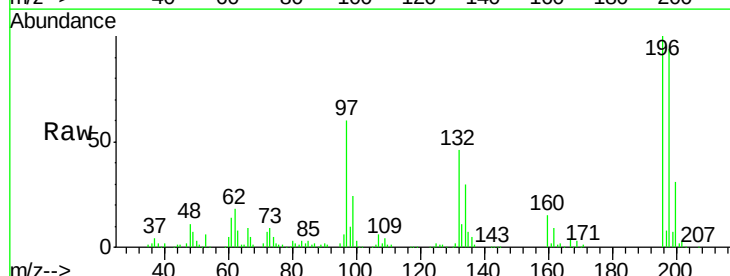
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

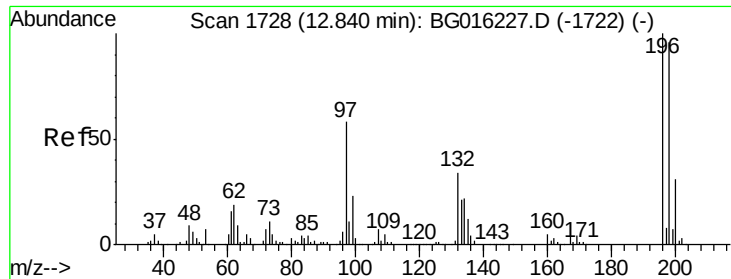
Tgt Ion:330 Resp: 169283
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 57.4 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:196 Resp: 127695
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.2 115.8
 200 30.9 25.3 37.9





#43

2,4,5-Trichlorophenol

Concen: 40.91 ng

RT: 12.82 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

Tgt Ion:196 Resp: 141871

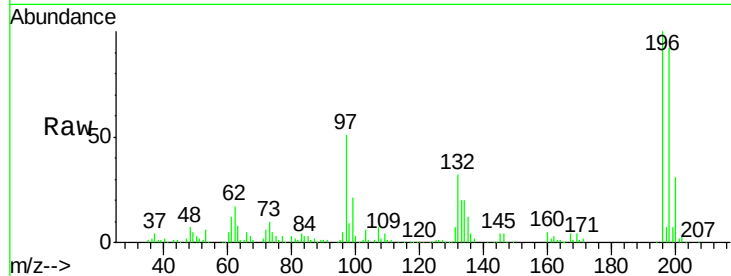
Ion Ratio Lower Upper

196 100

198 92.4 77.1 115.7

97 51.0 46.6 69.8

132 31.6 27.0 40.6

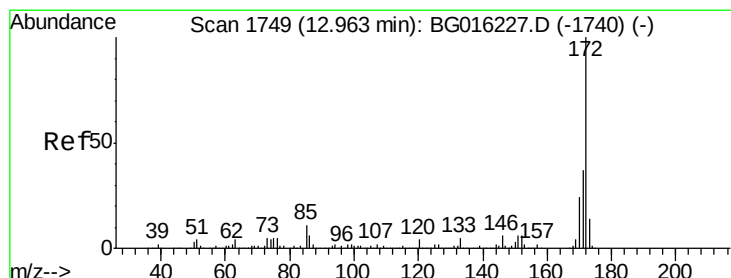
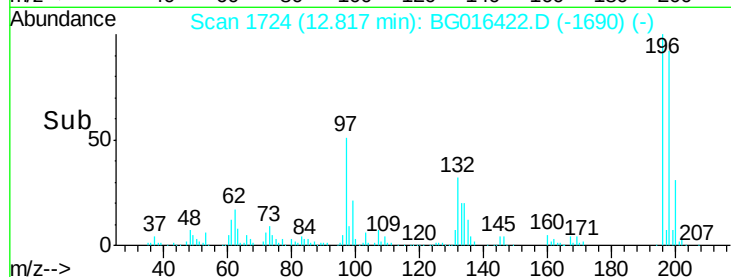
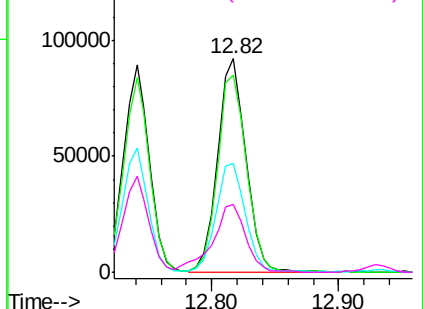


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 73.84 ng

RT: 12.93 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

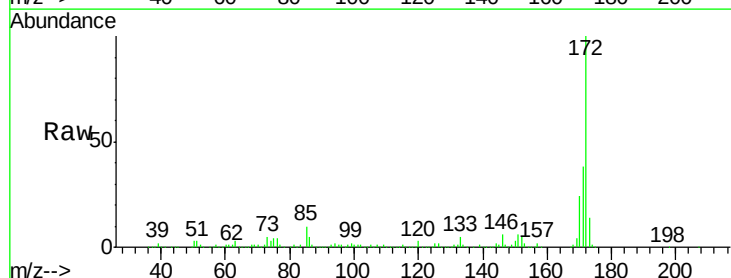
Tgt Ion:172 Resp: 860359

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

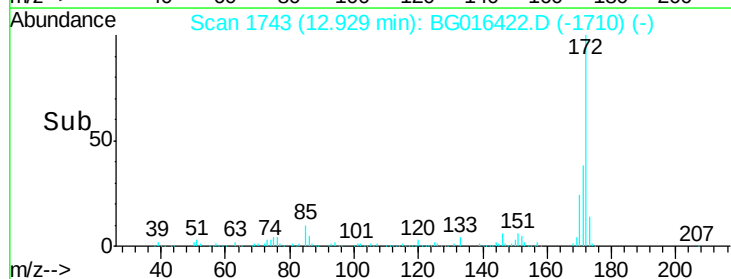
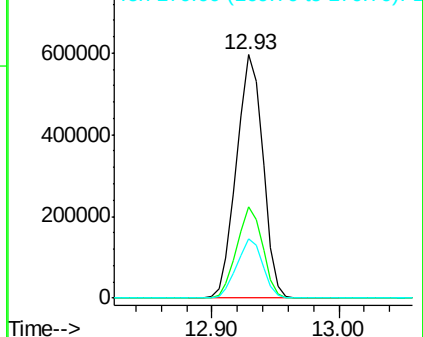
170 24.2 19.4 29.2

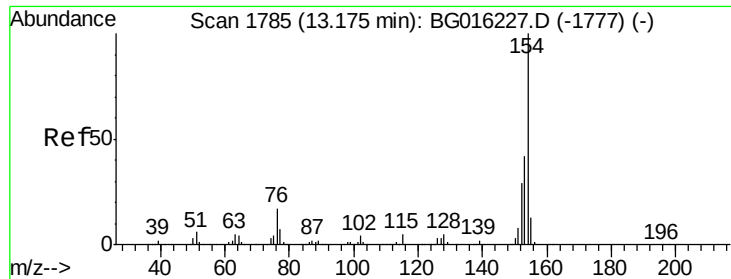


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

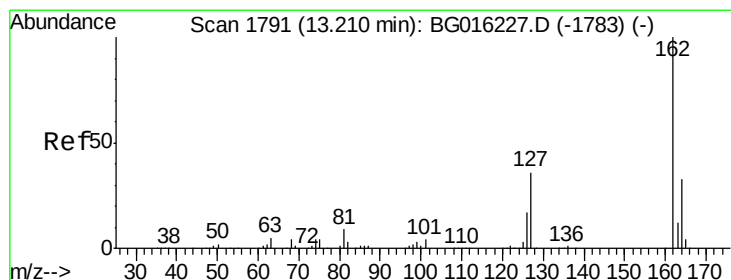
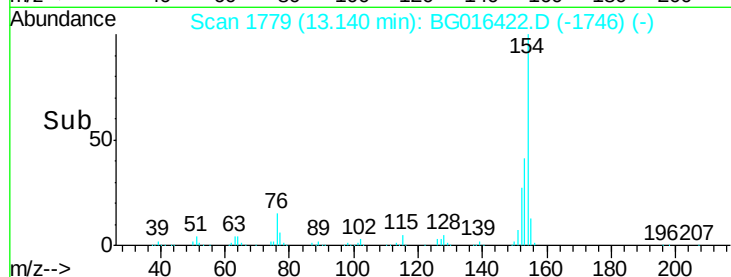
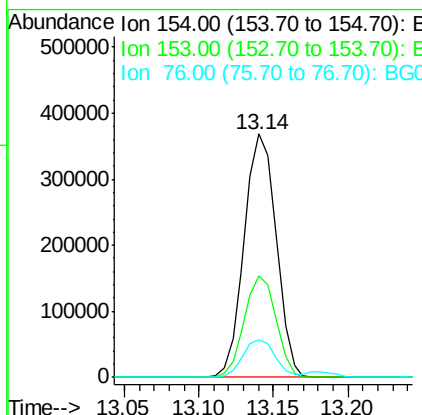
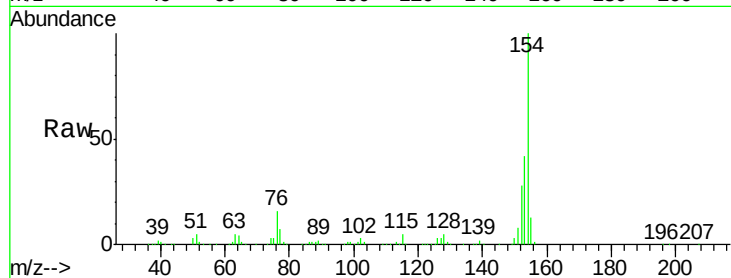




#45
 1,1'-Biphenyl
 Concen: 36.00 ng
 RT: 13.14 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

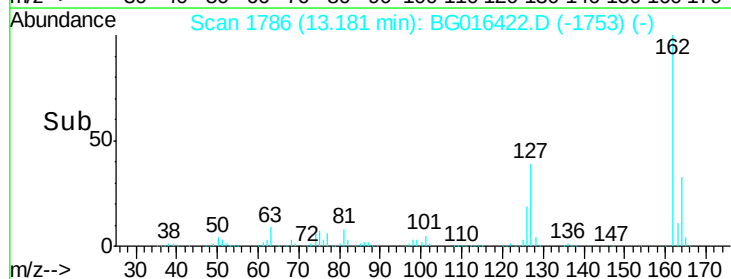
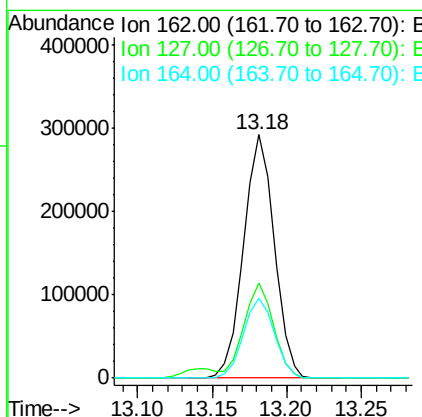
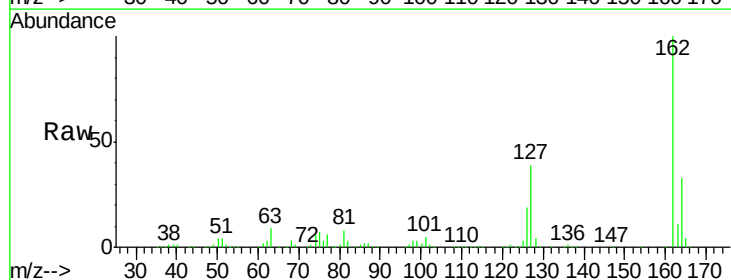
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

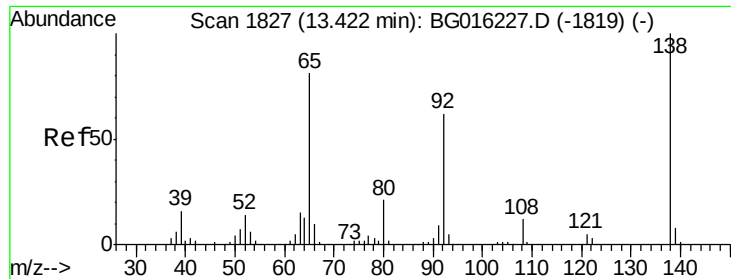
Tgt Ion:	154	Resp:	547776
Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	15.5	0.0	37.1



#46
 2-Chloronaphthalene
 Concen: 35.75 ng
 RT: 13.18 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:	162	Resp:	414404
Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.8	46.2
164	32.7	26.6	40.0

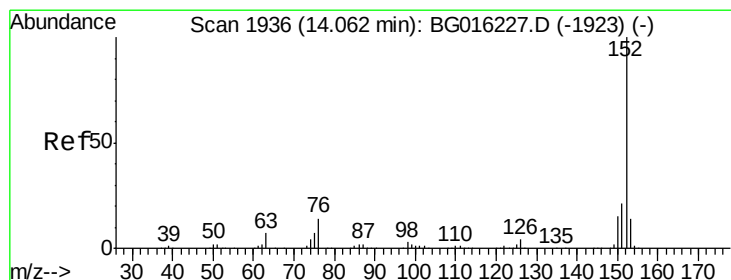
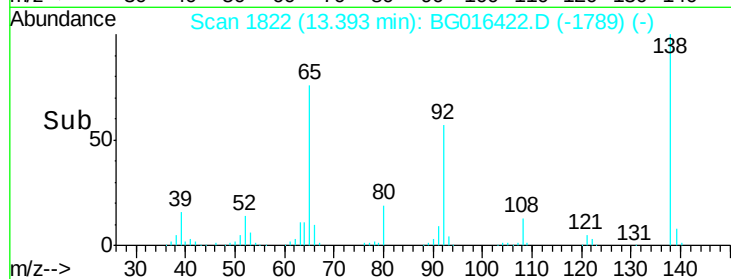
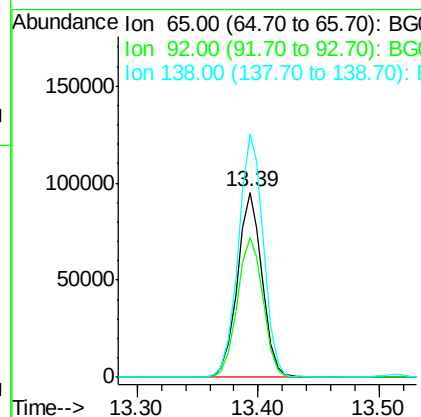
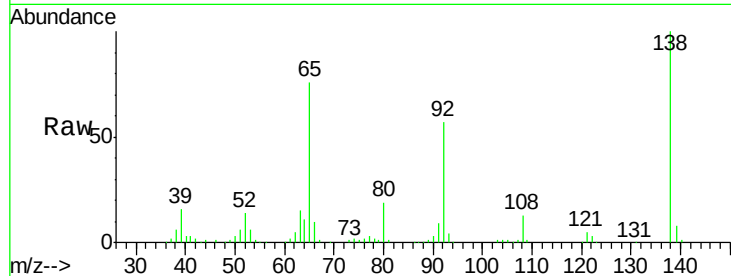




#47
 2-Nitroaniline
 Concen: 36.18 ng
 RT: 13.39 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

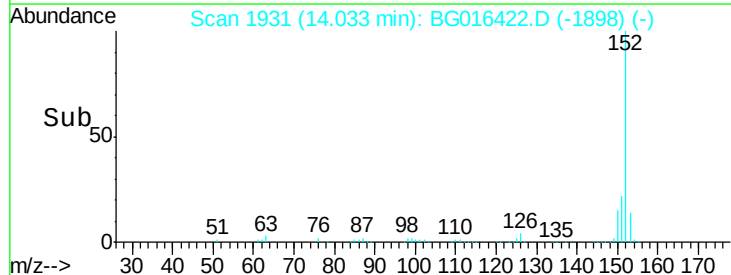
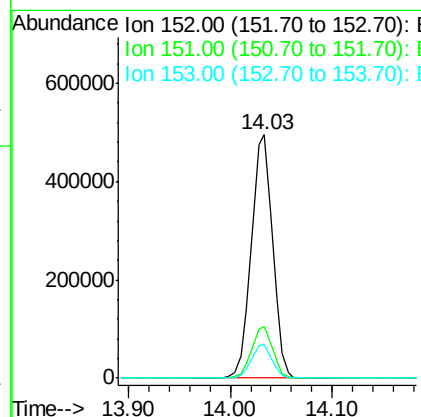
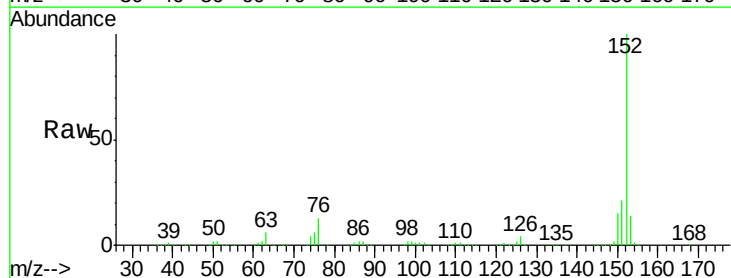
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

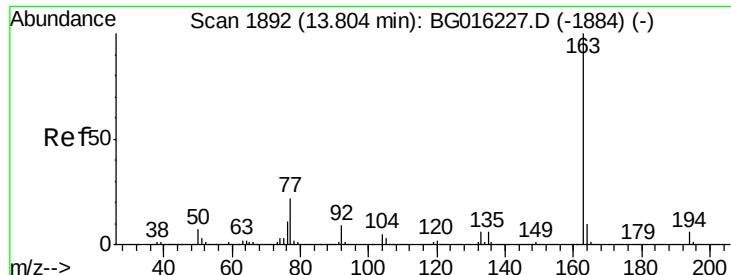
Tgt Ion: 65 Resp: 135178
 Ion Ratio Lower Upper
 65 100
 92 75.4 61.0 91.6
 138 131.4 98.7 148.1



#48
 Acenaphthylene
 Concen: 34.96 ng
 RT: 14.03 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion: 152 Resp: 720726
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.5 24.7
 153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 35.00 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

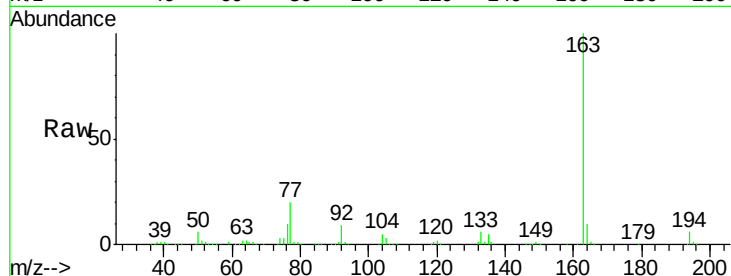
Tgt Ion:163 Resp: 508840

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

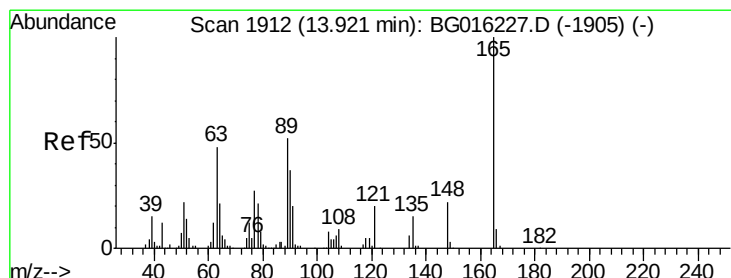
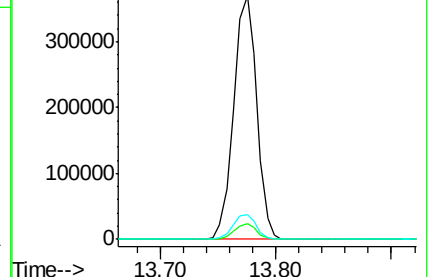
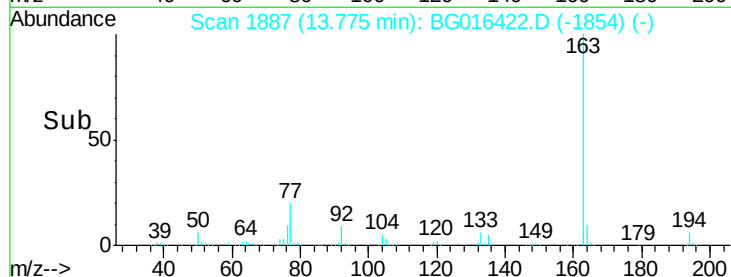
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.22 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

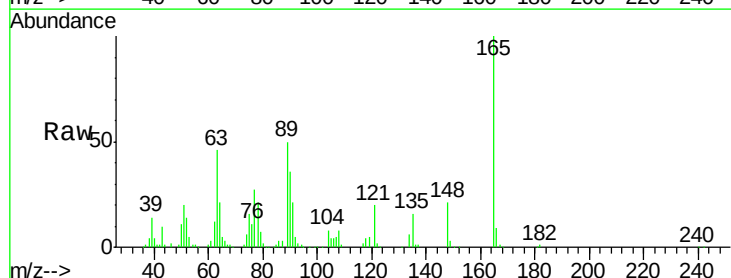
Tgt Ion:165 Resp: 130898

Ion Ratio Lower Upper

165 100

63 45.8 39.3 58.9

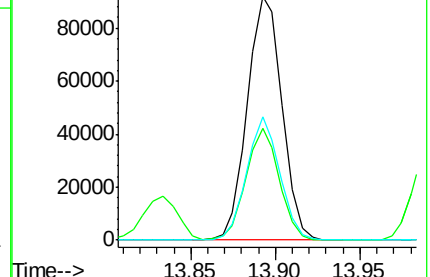
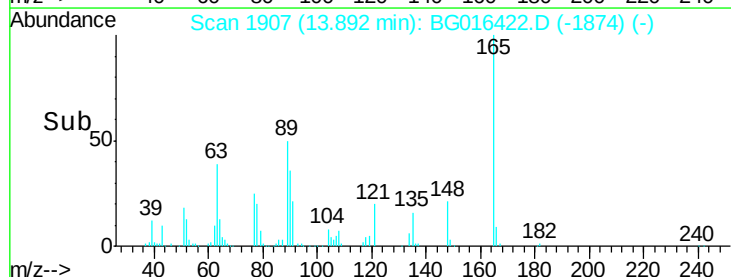
89 50.4 41.3 61.9

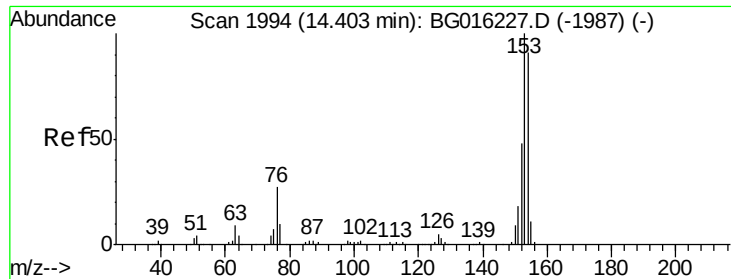


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.23 ng

RT: 14.37 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

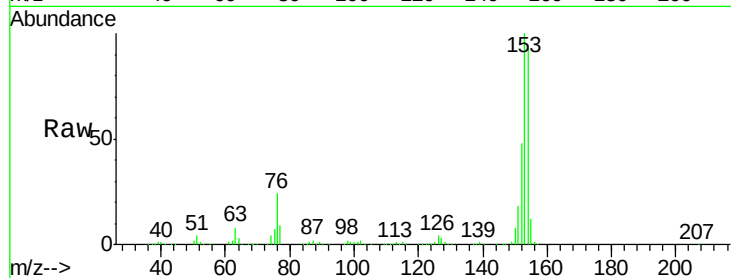
Tgt Ion:154 Resp: 433942

Ion Ratio Lower Upper

154 100

153 107.3 87.5 131.3

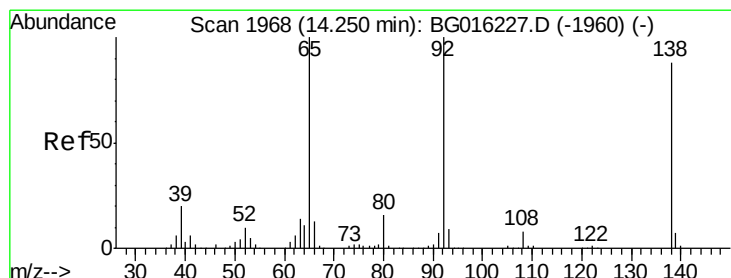
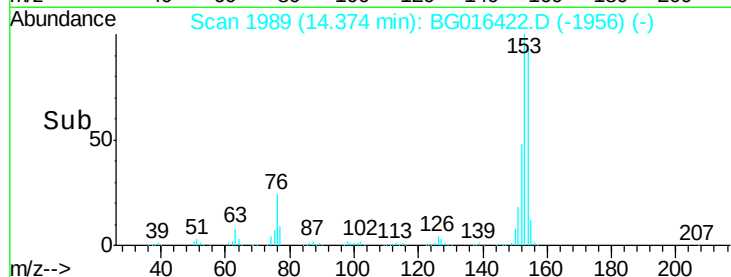
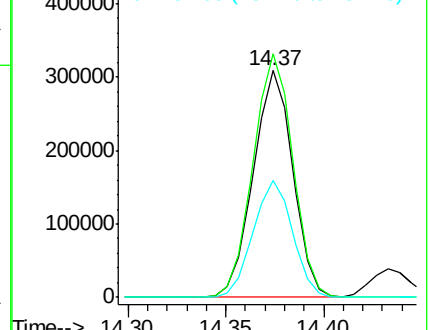
152 51.3 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.35 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

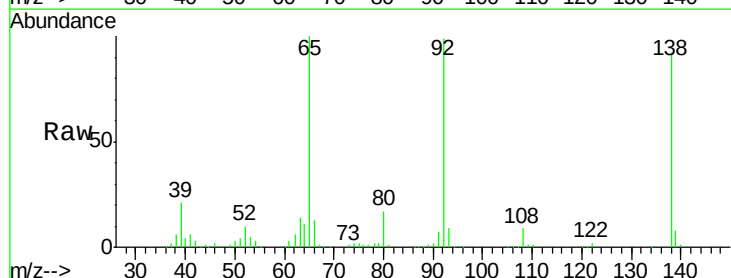
Tgt Ion:138 Resp: 113842

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

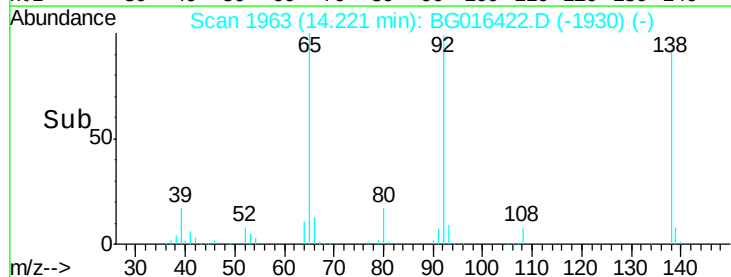
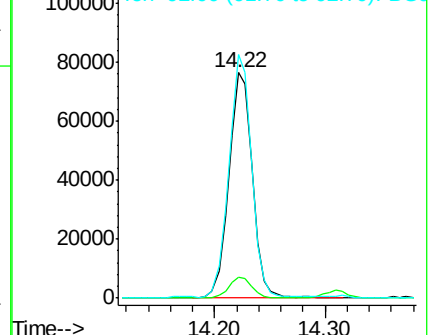
92 108.1 91.4 137.0

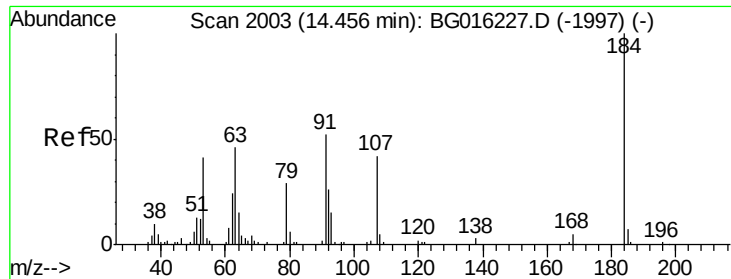


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

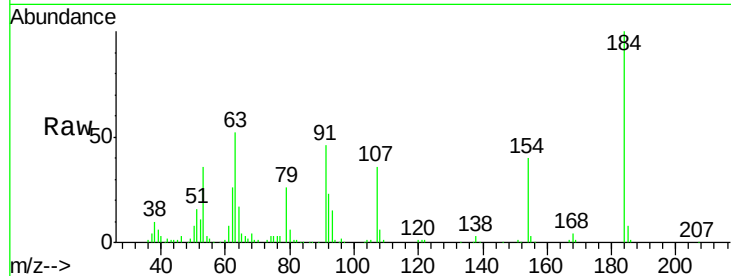




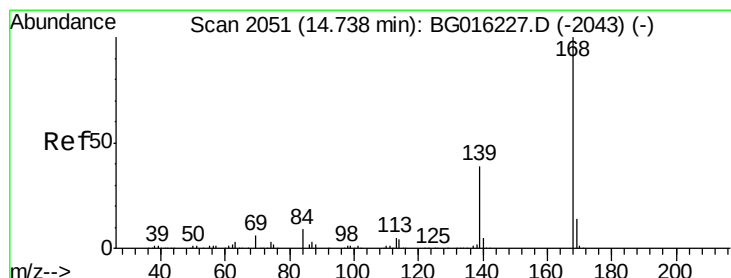
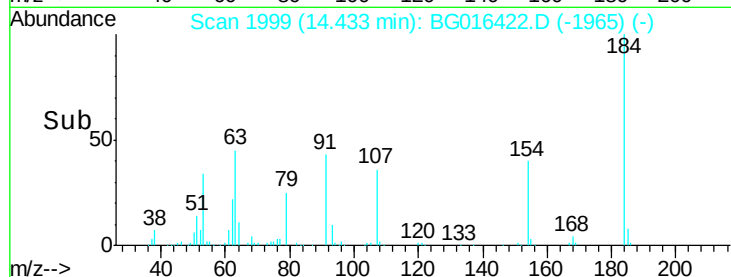
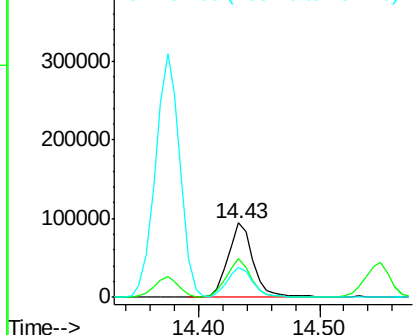
#53
2,4-Dinitrophenol
Concen: 68.86 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Tgt Ion:184 Resp: 137513
Ion Ratio Lower Upper
184 100
63 51.7 45.8 68.6
154 40.5 34.5 51.7

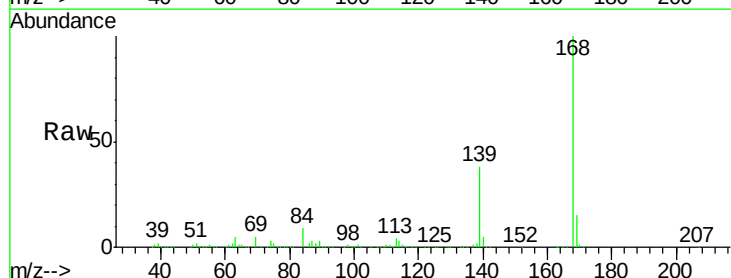


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

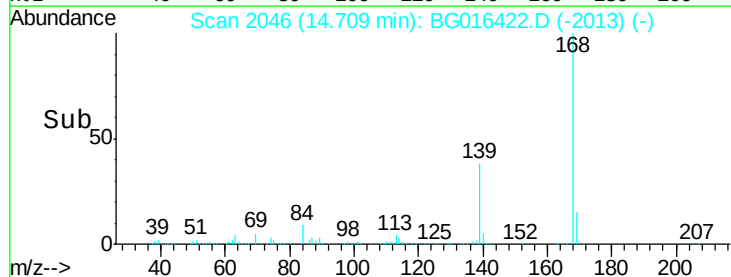
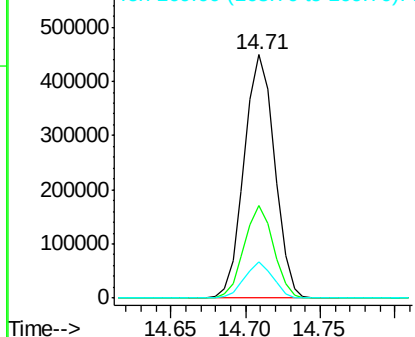


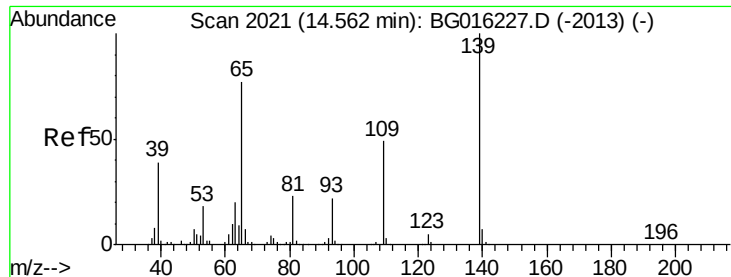
#54
Dibenzofuran
Concen: 37.17 ng
RT: 14.71 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:168 Resp: 635457
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 14.6 11.2 16.8



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

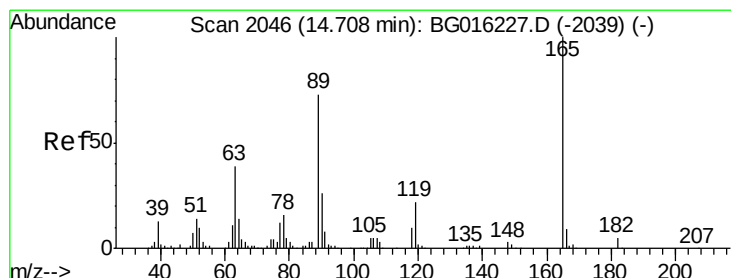
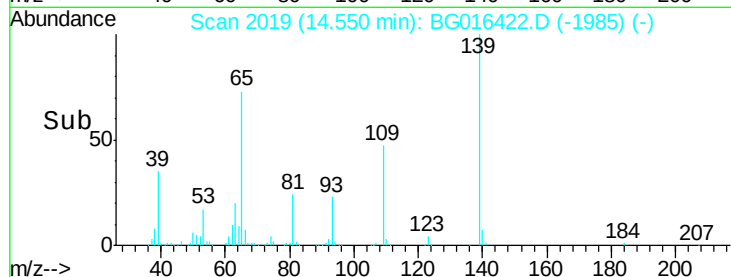
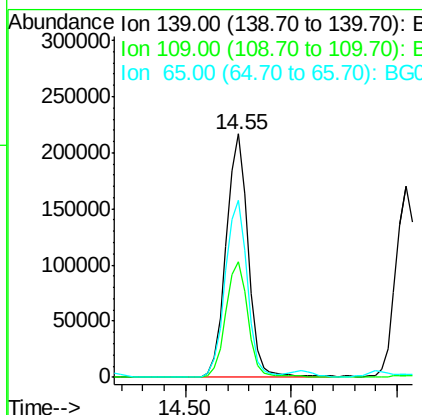
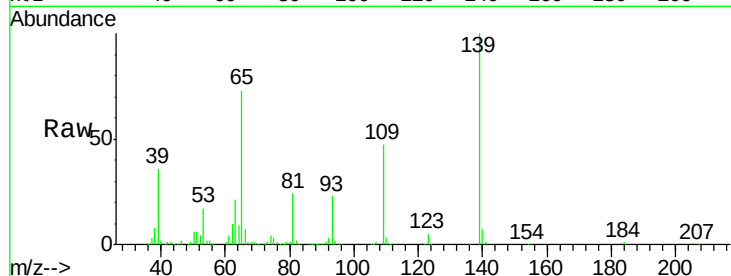




#55
4-Nitrophenol
Concen: 84.19 ng
RT: 14.55 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

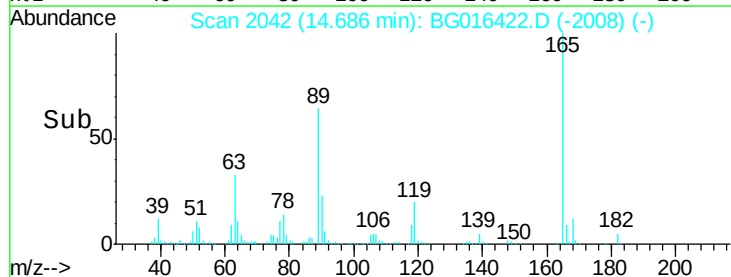
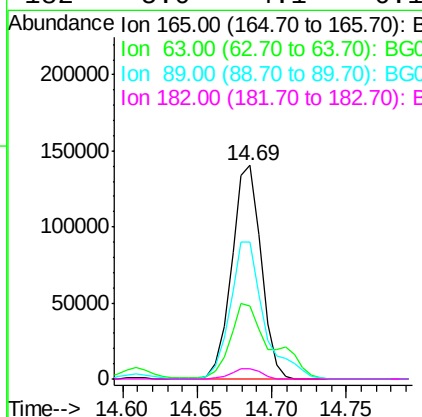
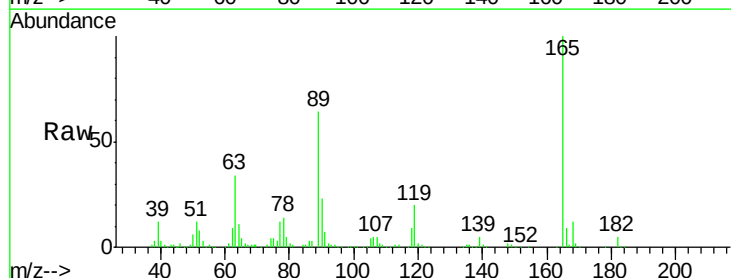
Instrument :
BNA_G
ClientSampleId :
PB82692BS

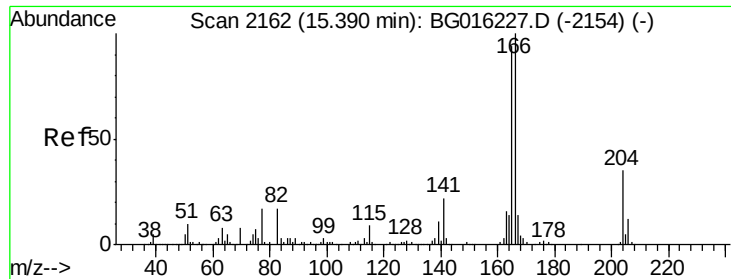
Tgt Ion:139 Resp: 312432
Ion Ratio Lower Upper
139 100
109 47.5 28.5 68.5
65 72.9 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 14.69 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:165 Resp: 193730
Ion Ratio Lower Upper
165 100
63 33.9 31.4 47.2
89 64.4 58.8 88.2
182 5.0 4.1 6.1





#57

Fluorene

Concen: 36.93 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

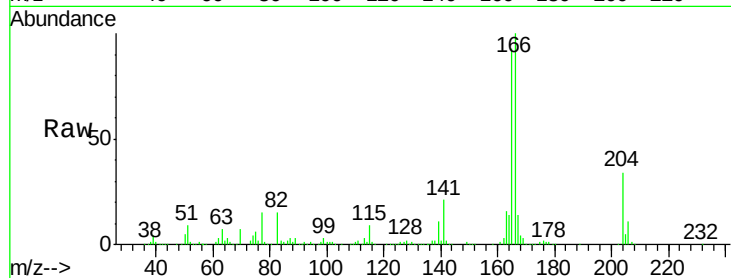
Tgt Ion:166 Resp: 556906

Ion Ratio Lower Upper

166 100

165 92.9 75.2 112.8

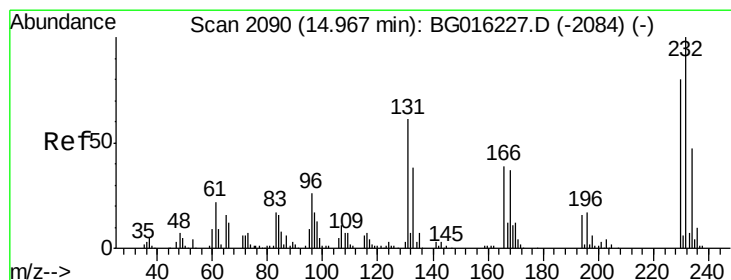
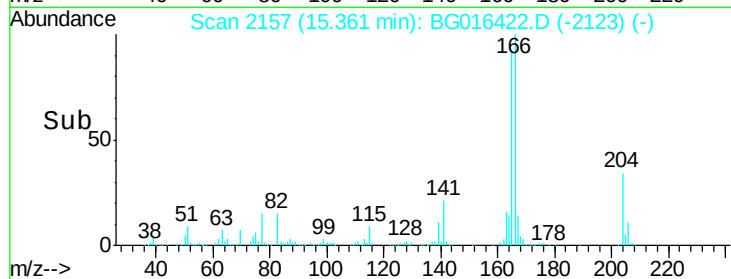
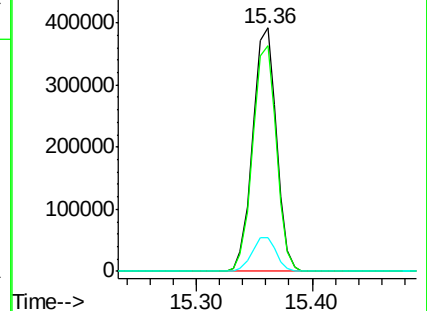
167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.11 ng

RT: 14.94 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Tgt Ion:232 Resp: 112697

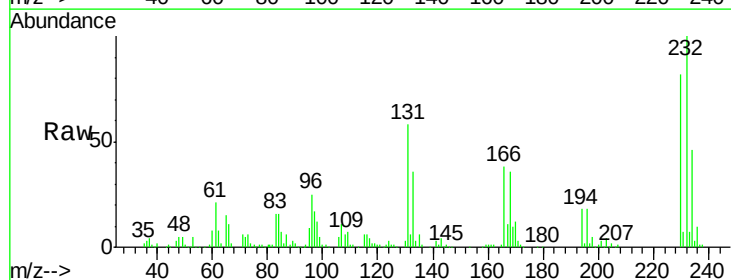
Ion Ratio Lower Upper

232 100

131 56.5 49.8 74.6

130 2.9 2.6 3.8

166 36.7 30.6 45.8

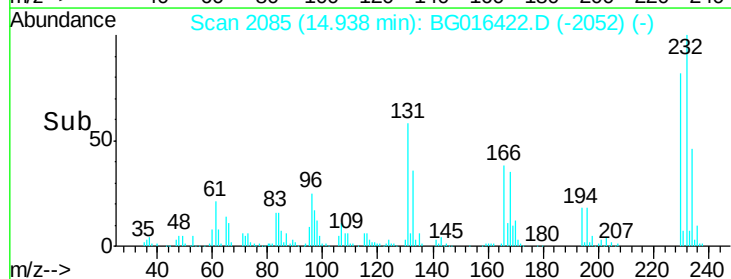
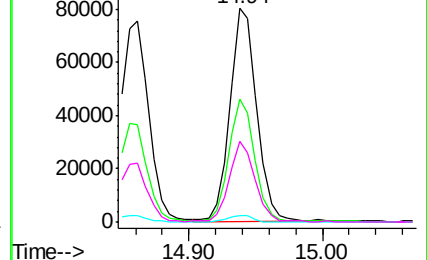


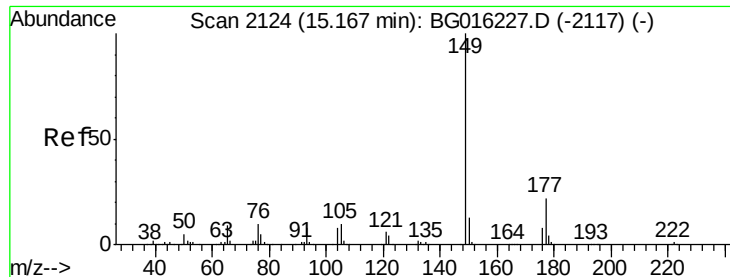
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.34 ng

RT: 15.14 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

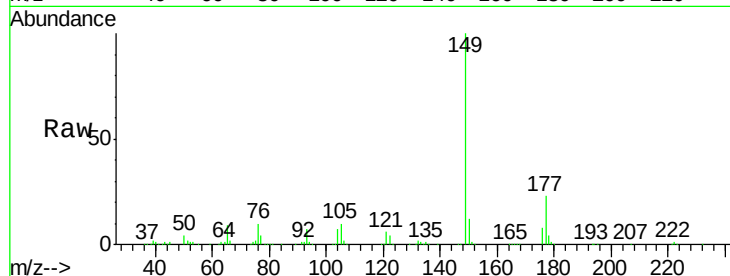
Tgt Ion:149 Resp: 546989

Ion Ratio Lower Upper

149 100

177 22.5 17.7 26.5

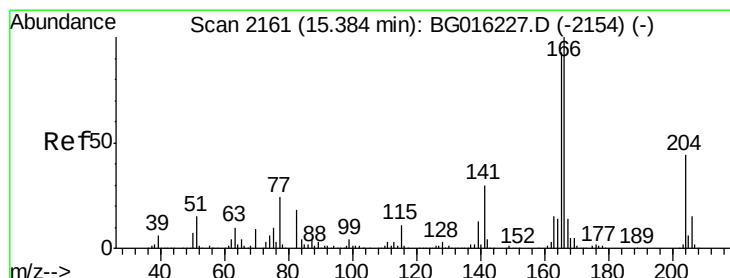
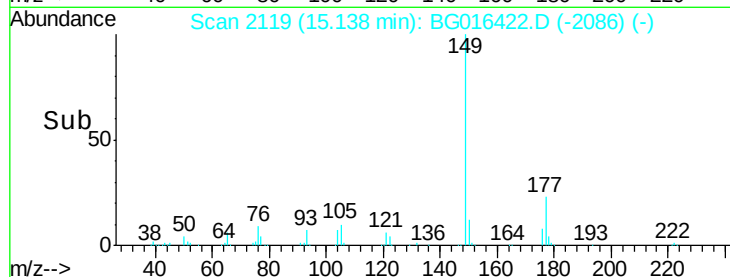
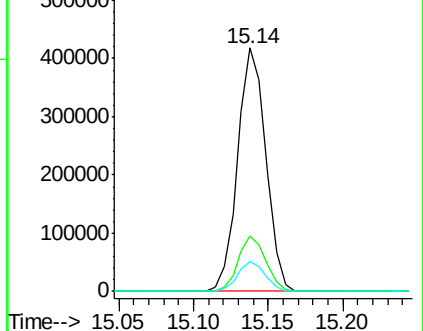
150 12.3 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.47 ng

RT: 15.36 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

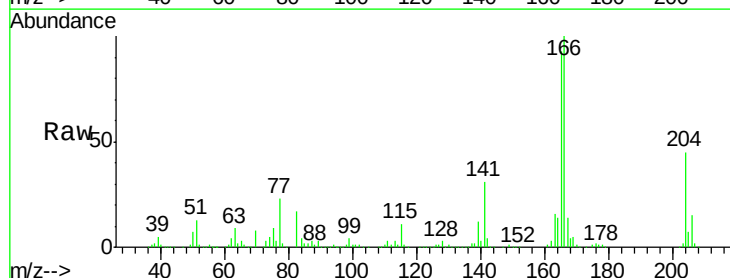
Tgt Ion:204 Resp: 224943

Ion Ratio Lower Upper

204 100

206 33.5 27.6 41.4

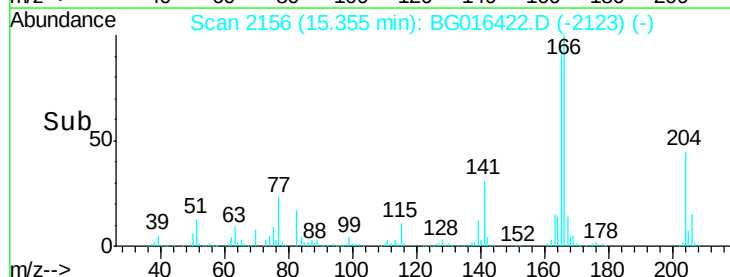
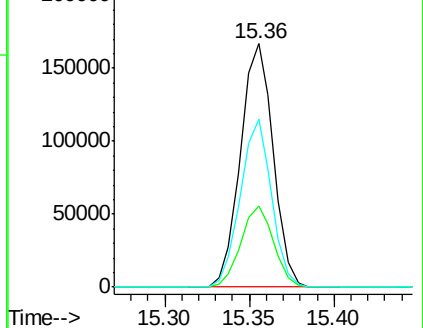
141 68.9 55.4 83.2

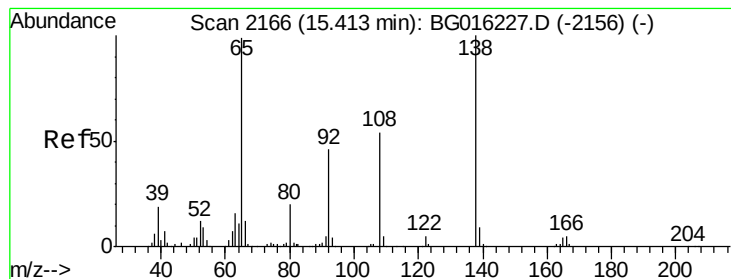


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.04 ng

RT: 15.39 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

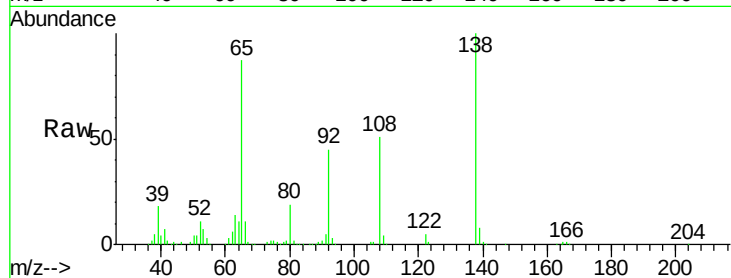
Tgt Ion:138 Resp: 193894

Ion Ratio Lower Upper

138 100

92 44.9 26.3 66.3

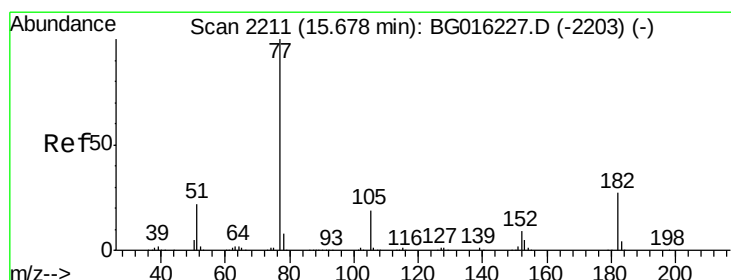
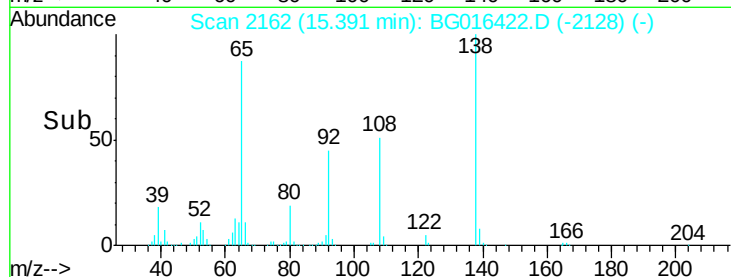
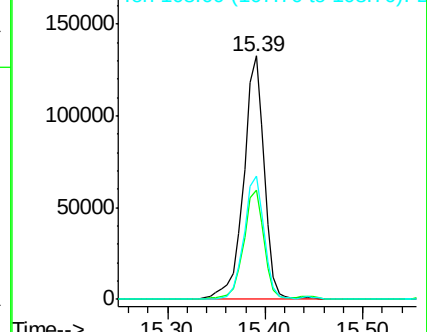
108 50.6 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.66 ng

RT: 15.65 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Tgt Ion: 77 Resp: 570850

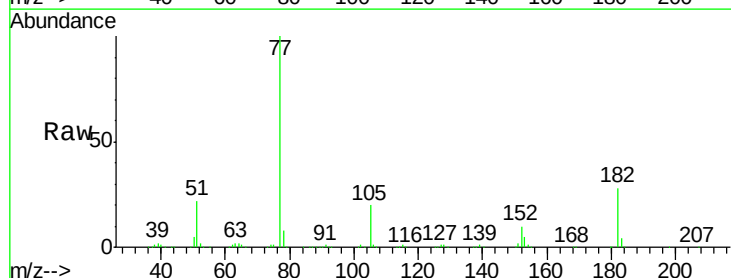
Ion Ratio Lower Upper

77 100

182 28.4 6.6 46.6

105 20.0 0.0 39.2

51 21.7 2.0 42.0

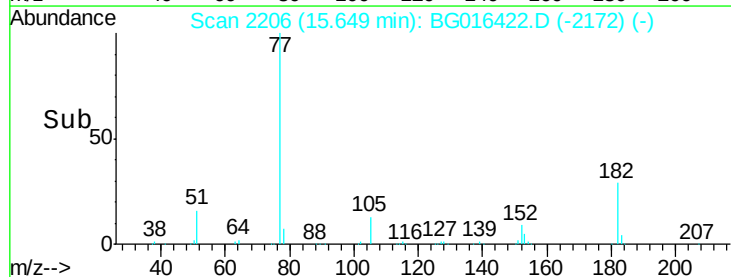
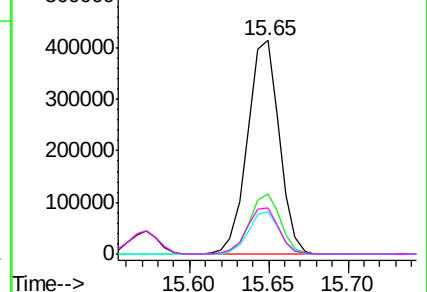


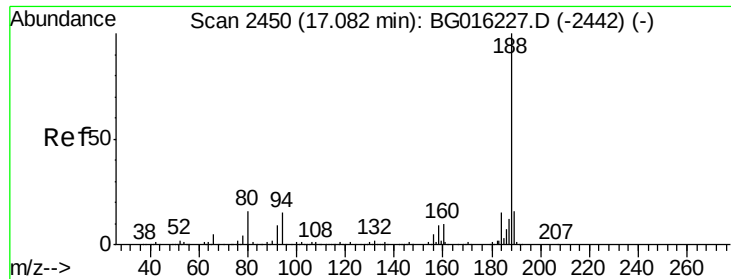
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

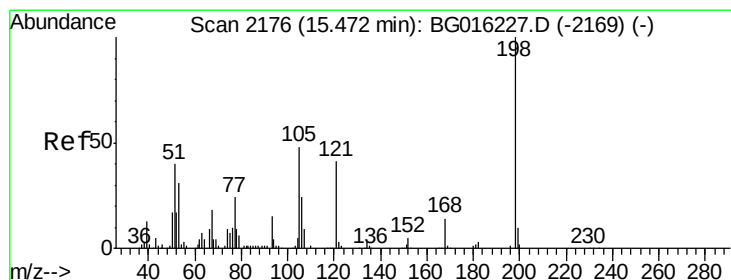
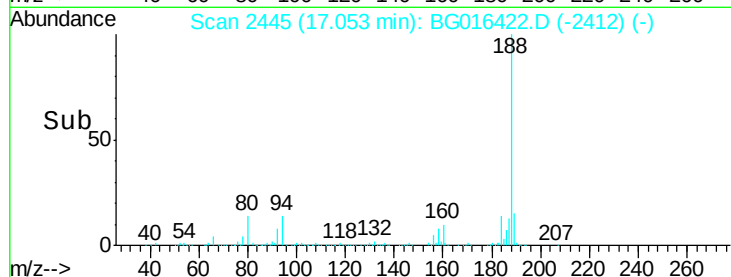
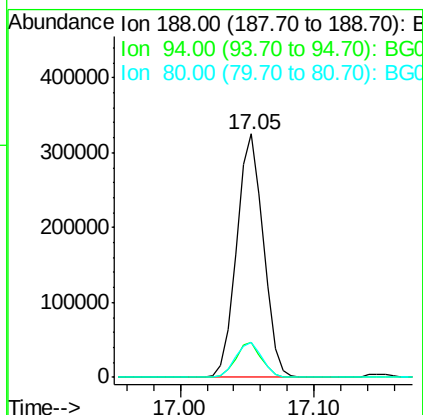
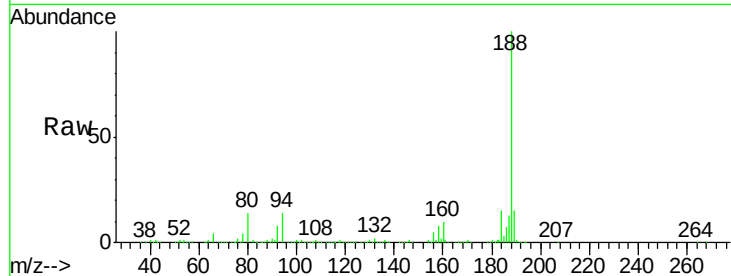




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

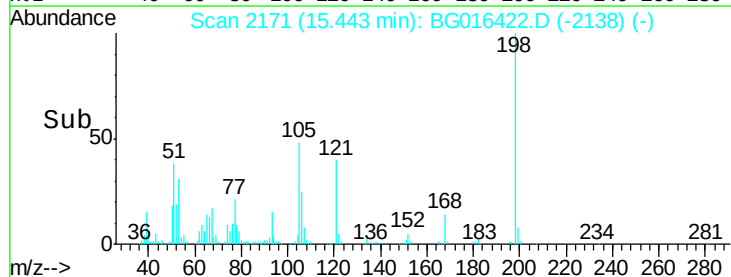
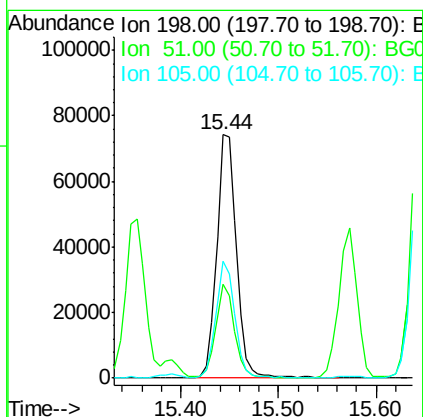
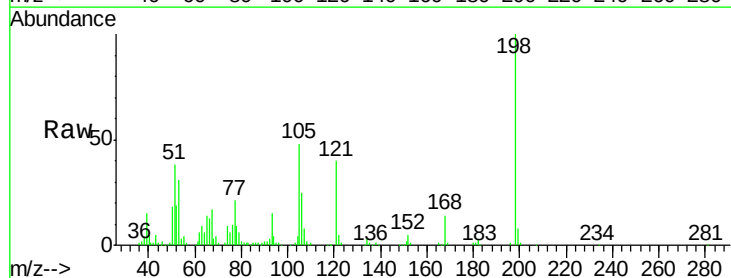
Instrument :
BNA_G
ClientSampleId :
PB82692BS

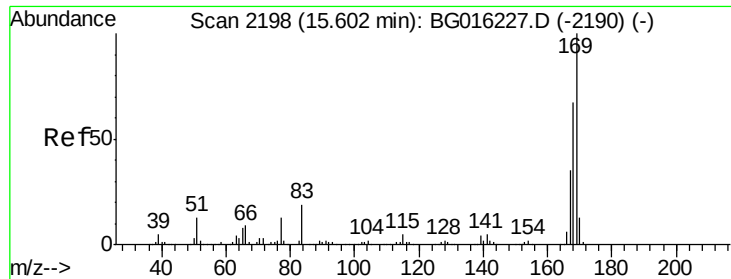
Tgt Ion:188 Resp: 450100
Ion Ratio Lower Upper
188 100
94 14.5 12.2 18.4
80 14.2 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.02 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:198 Resp: 103871
Ion Ratio Lower Upper
198 100
51 38.5 20.7 60.7
105 47.8 28.8 68.8





#65

n-Nitrosodiphenylamine

Concen: 33.47 ng

RT: 15.57 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

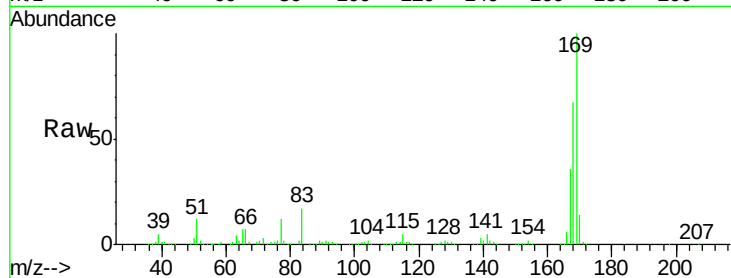
Tgt Ion:169 Resp: 509313

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

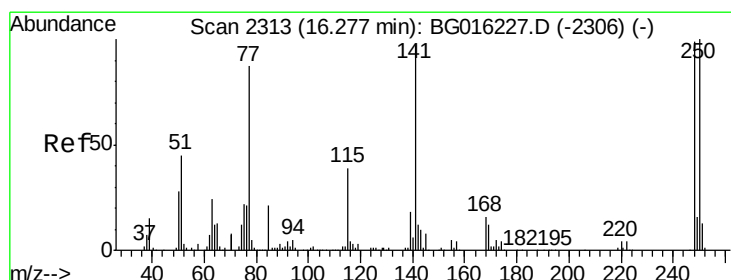
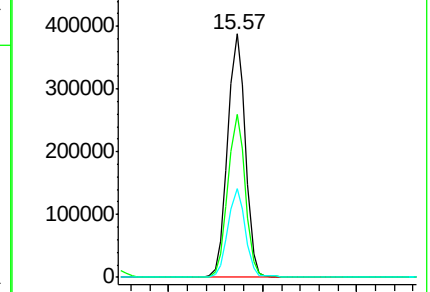
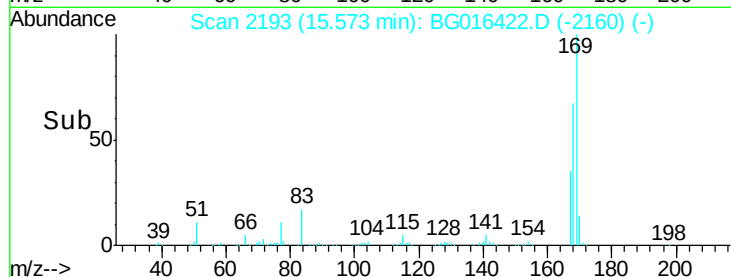
167 36.3 28.3 42.5



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: 34.66 ng

RT: 16.25 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

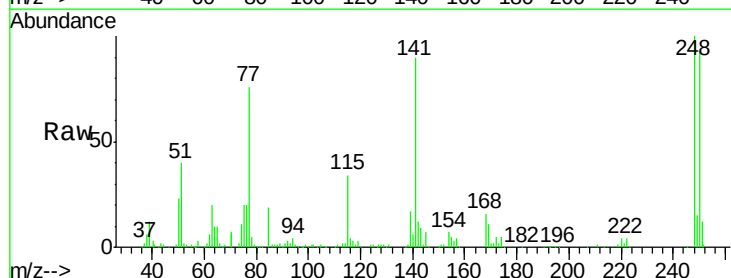
Tgt Ion:248 Resp: 124559

Ion Ratio Lower Upper

248 100

250 93.2 80.5 120.7

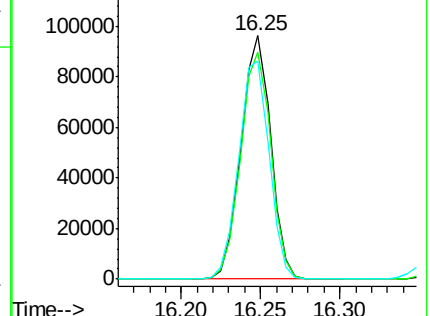
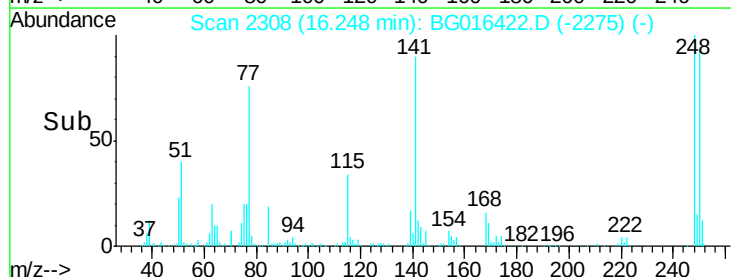
141 89.5 78.2 117.4

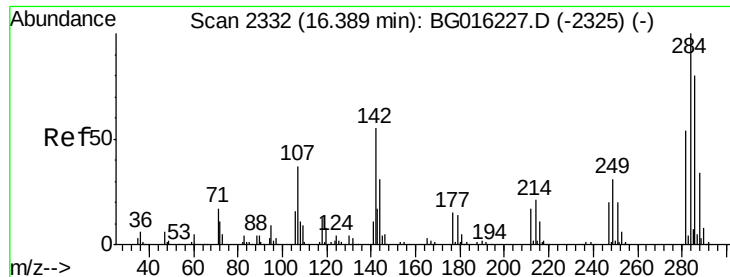


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.80 ng

RT: 16.36 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

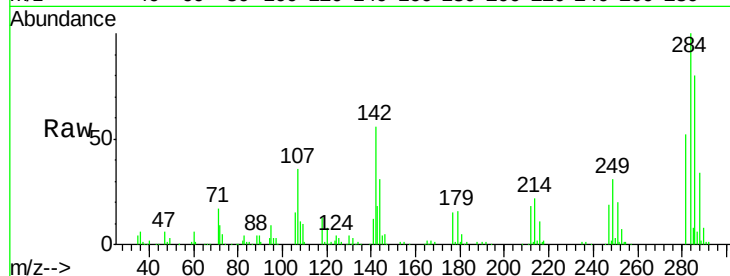
Tgt Ion:284 Resp: 126253

Ion Ratio Lower Upper

284 100

142 56.1 44.2 66.2

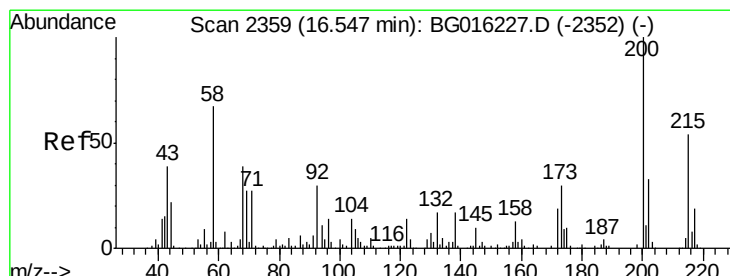
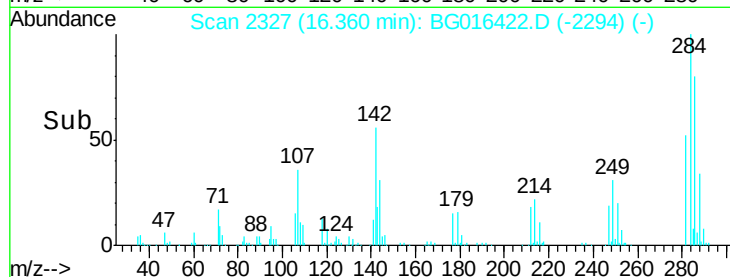
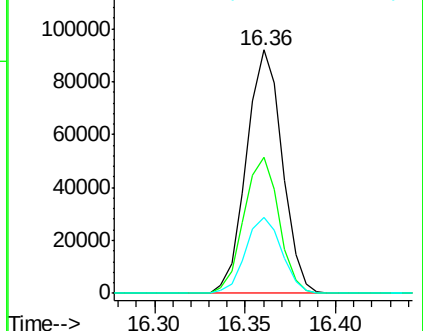
249 31.1 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.62 ng

RT: 16.52 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

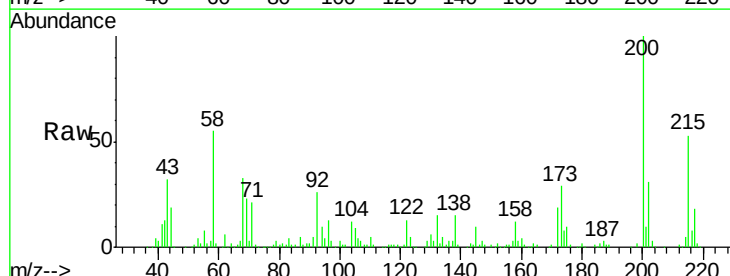
Tgt Ion:200 Resp: 168011

Ion Ratio Lower Upper

200 100

173 29.4 10.2 50.2

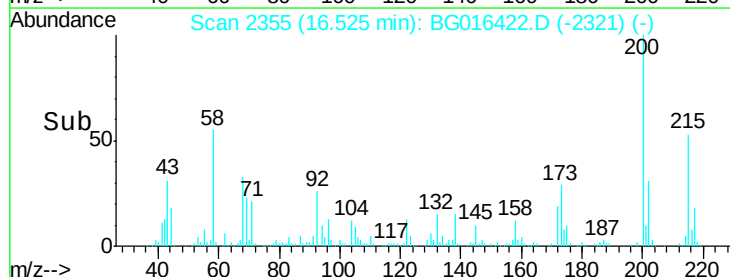
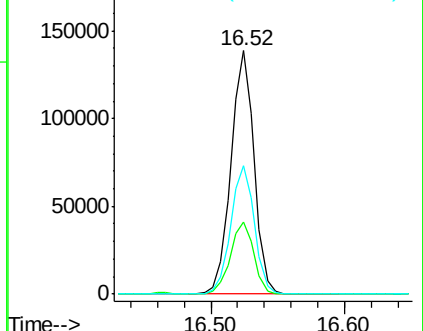
215 52.6 34.4 74.4

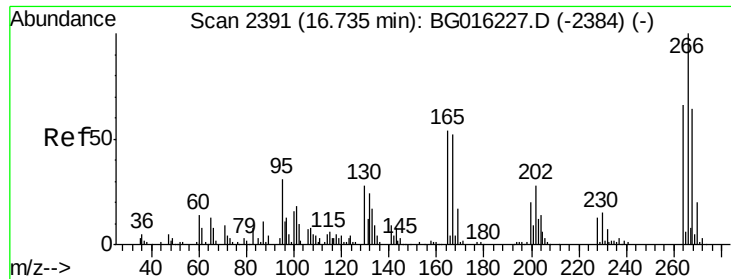


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.30 ng

RT: 16.71 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

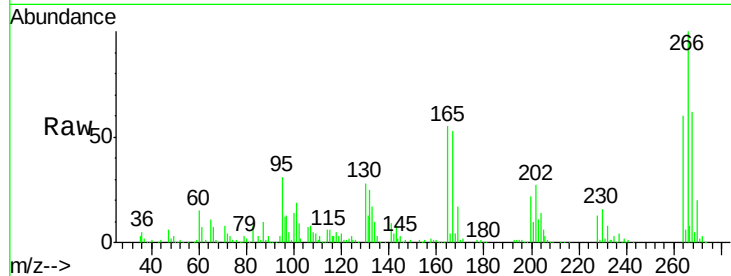
Tgt Ion:266 Resp: 169468

Ion Ratio Lower Upper

266 100

268 62.1 50.9 76.3

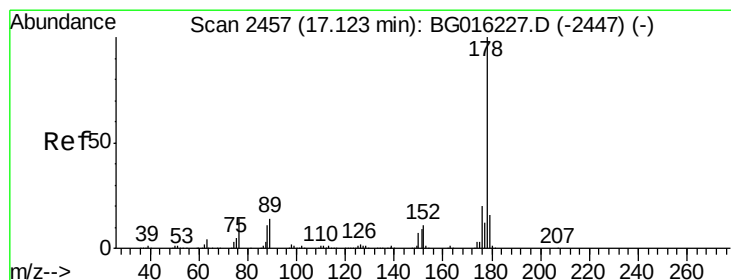
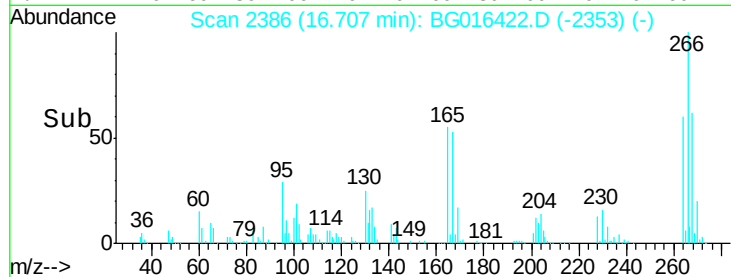
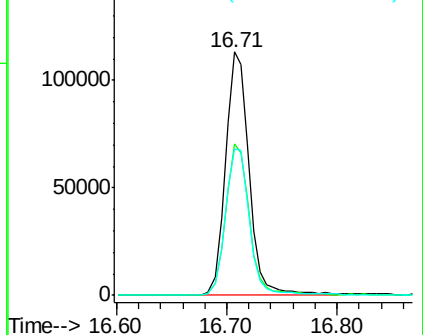
264 60.3 52.8 79.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.23 ng

RT: 17.09 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

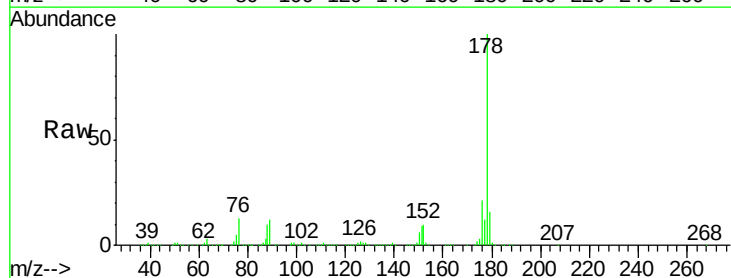
Tgt Ion:178 Resp: 891989

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

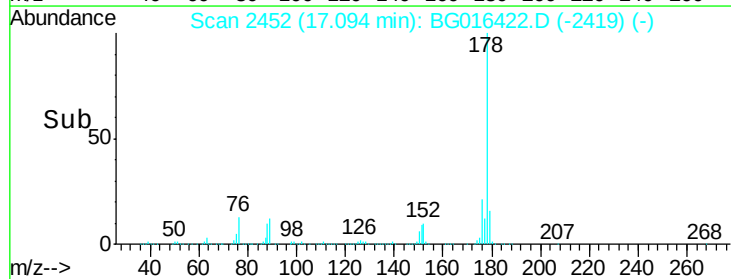
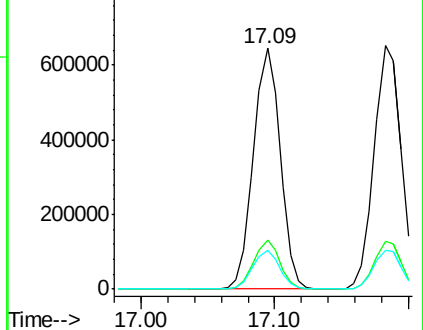
179 16.1 12.7 19.1

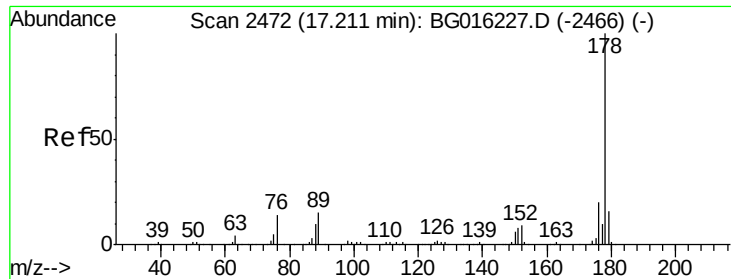


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

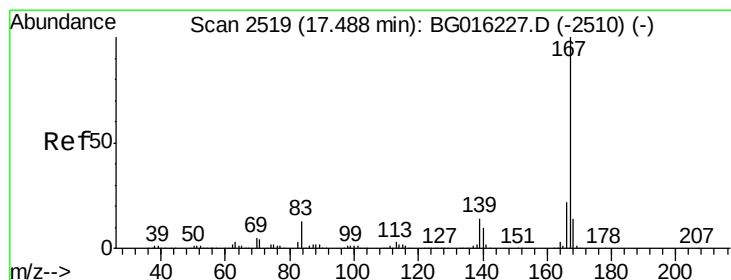
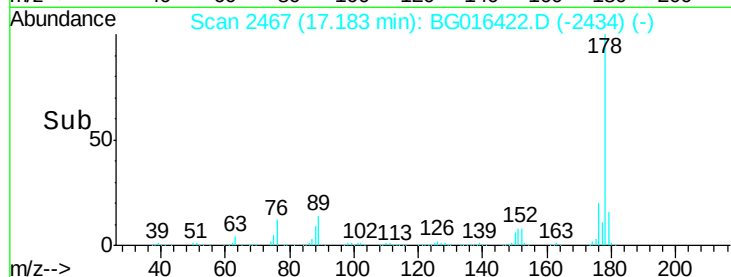
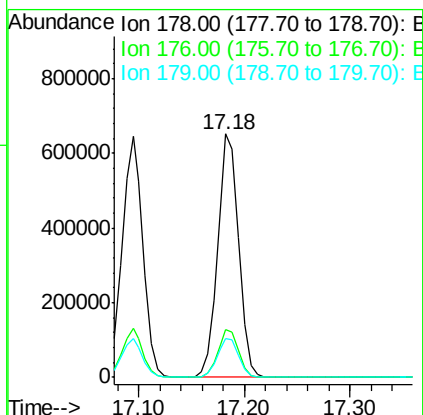
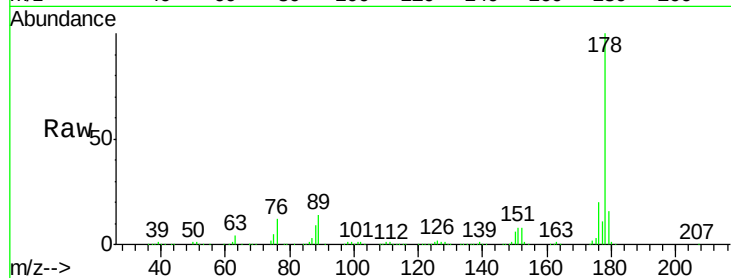




#71
 Anthracene
 Concen: 36.03 ng
 RT: 17.18 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

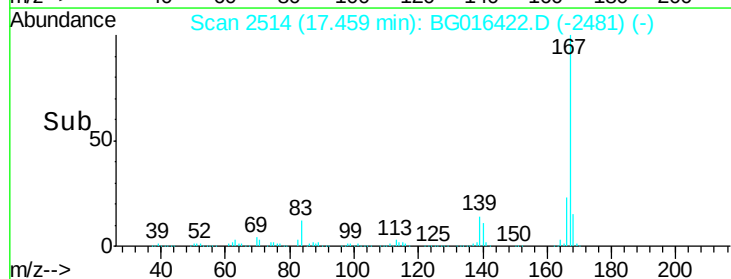
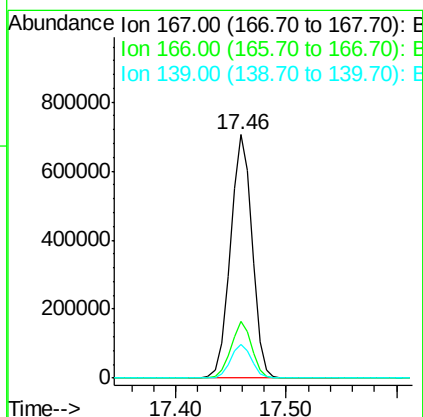
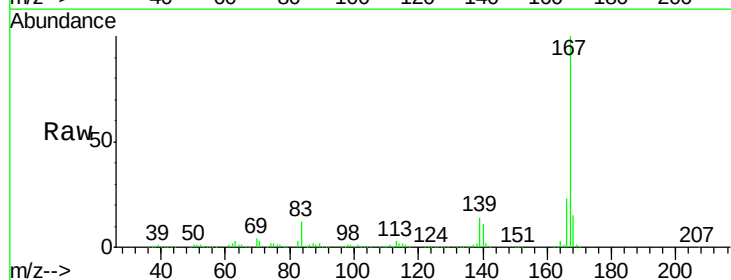
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

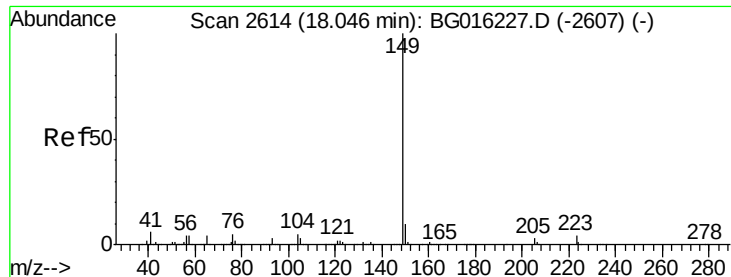
Tgt Ion:178 Resp: 903883
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 13.0 19.6



#72
 Carbazole
 Concen: 38.72 ng
 RT: 17.46 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:167 Resp: 974853
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.9 26.9
 139 14.0 11.5 17.3





#73

Di-n-butylphthalate

Concen: 35.62 ng

RT: 18.02 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

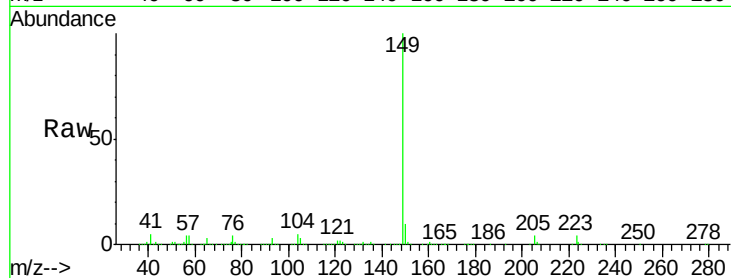
Tgt Ion:149 Resp: 1097658

Ion Ratio Lower Upper

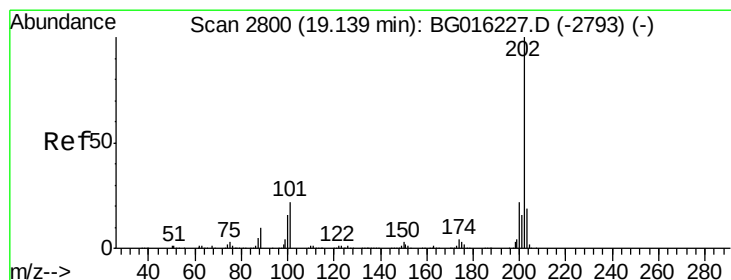
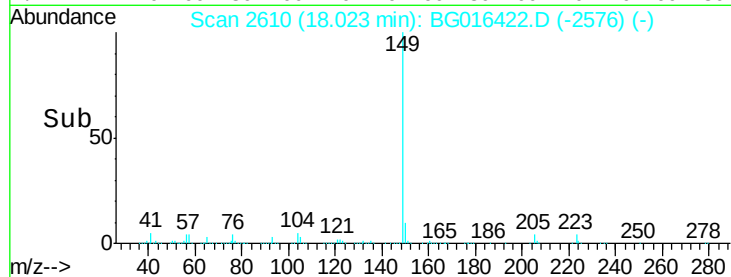
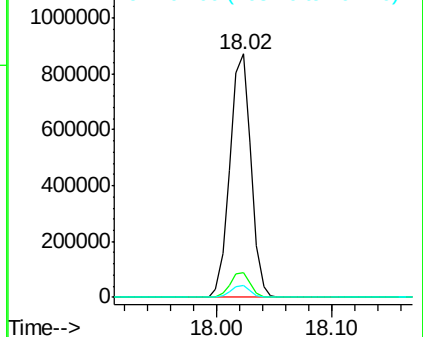
149 100

150 10.1 8.2 12.4

104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.24 ng

RT: 19.11 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

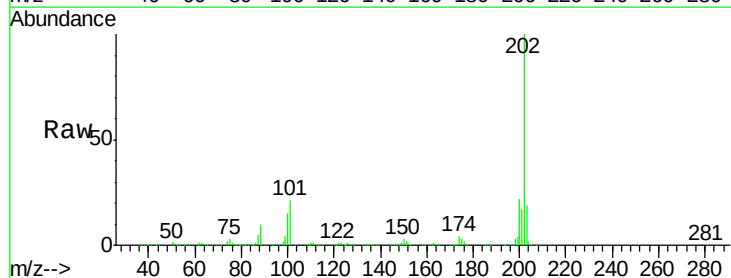
Tgt Ion:202 Resp: 971637

Ion Ratio Lower Upper

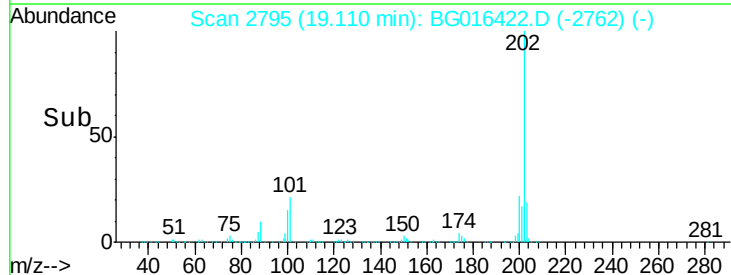
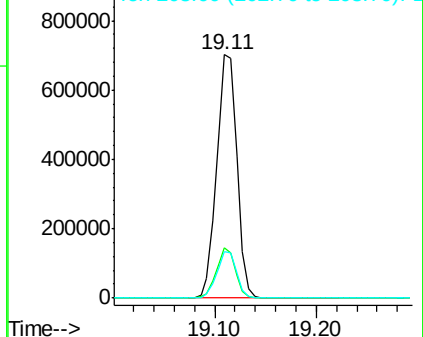
202 100

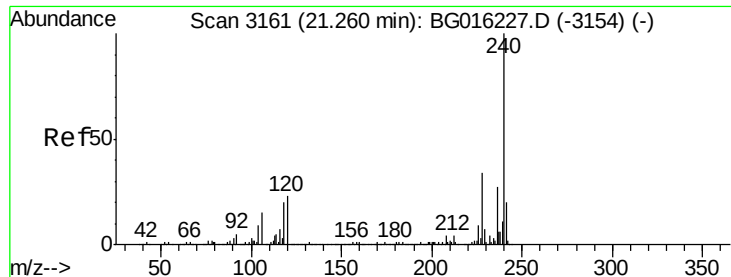
101 20.8 1.7 41.7

203 18.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

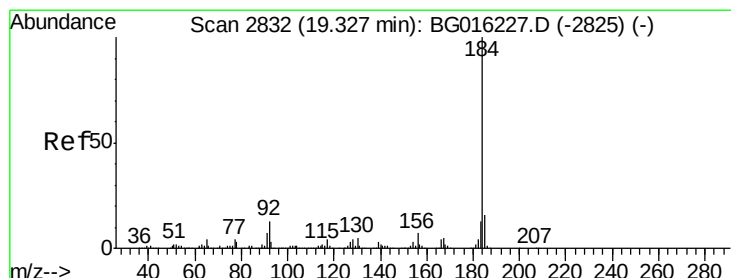
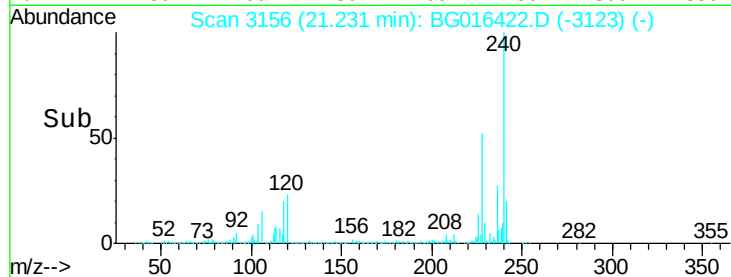
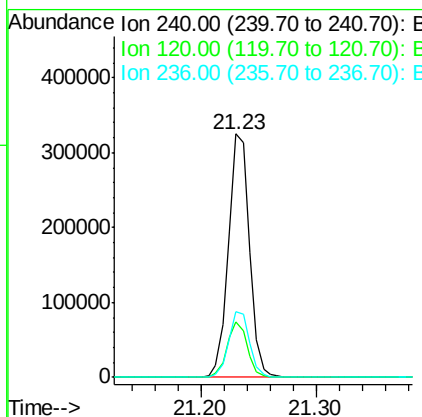
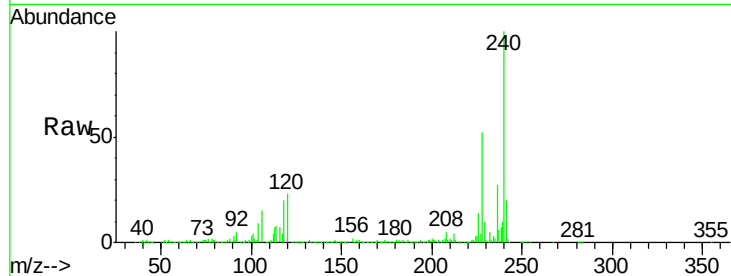




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

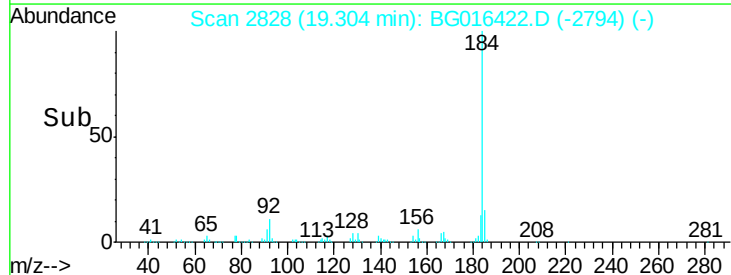
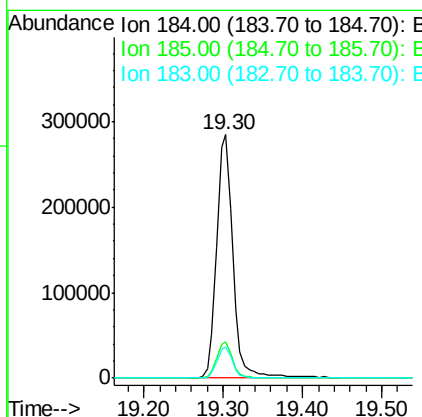
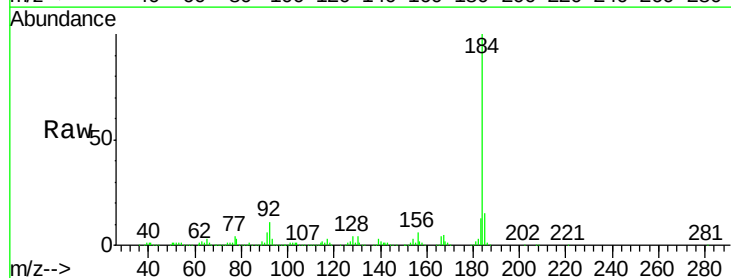
Instrument :
BNA_G
ClientSampleId :
PB82692BS

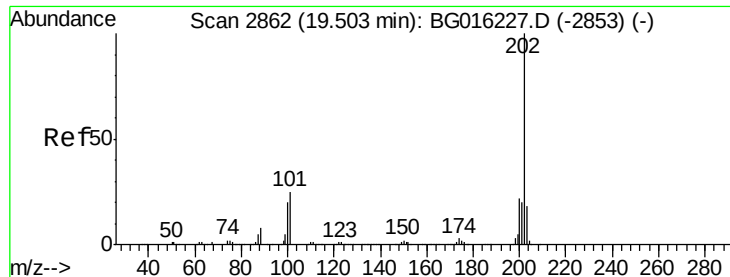
Tgt Ion:240 Resp: 410667
Ion Ratio Lower Upper
240 100
120 23.0 18.6 28.0
236 27.1 21.7 32.5



#76
Benzidine
Concen: 23.30 ng
RT: 19.30 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:184 Resp: 405819
Ion Ratio Lower Upper
184 100
185 15.0 12.6 19.0
183 12.9 10.4 15.6

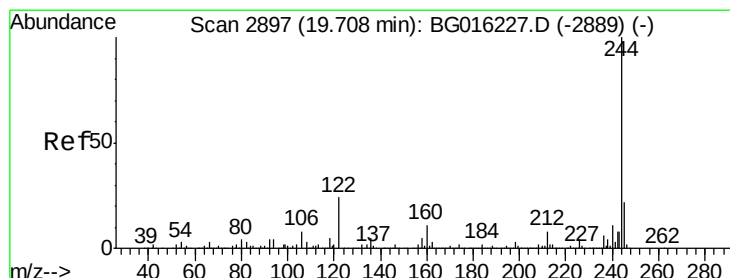
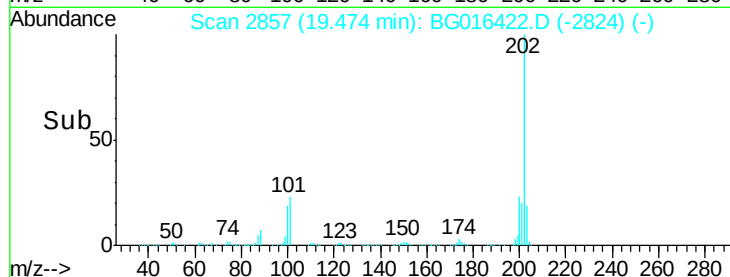
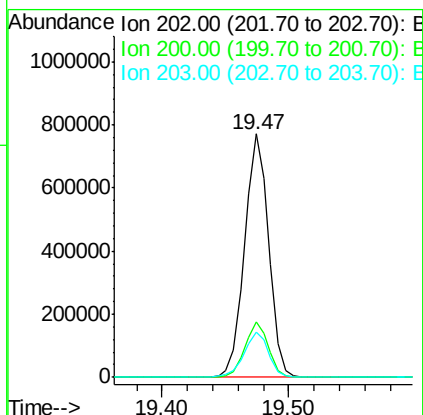
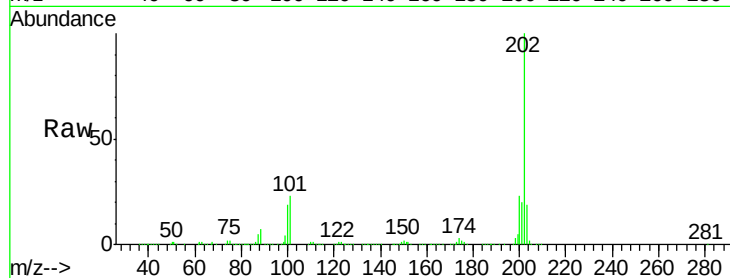




#77
 Pyrene
 Concen: 35.43 ng
 RT: 19.47 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

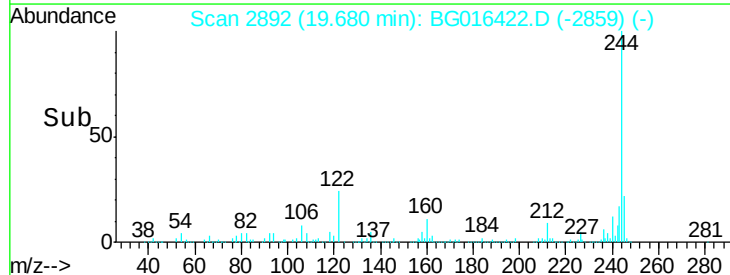
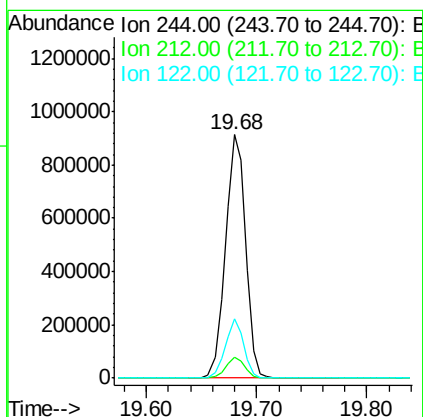
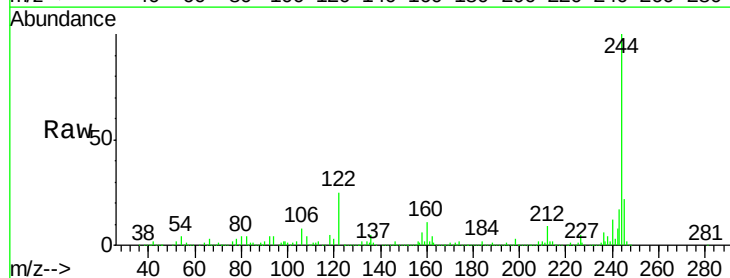
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

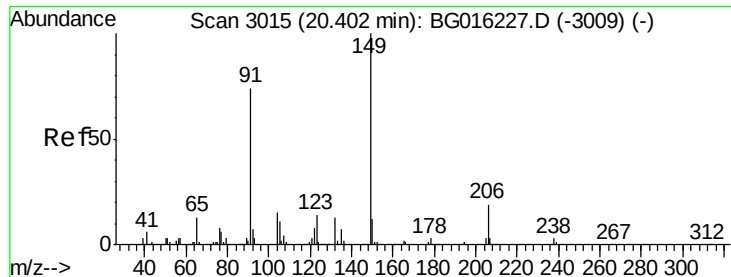
Tgt Ion: 202 Resp: 1013238
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.8 26.8
 203 18.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 66.49 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion: 244 Resp: 1166691
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 9.8
 122 24.5 19.1 28.7

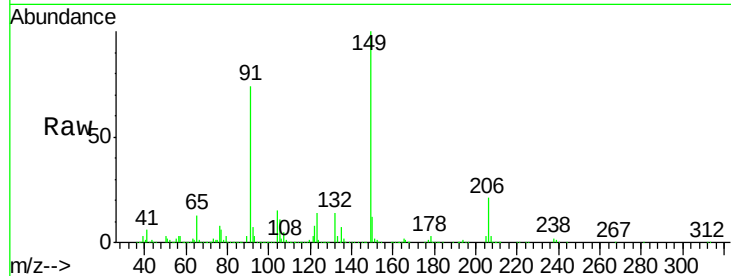




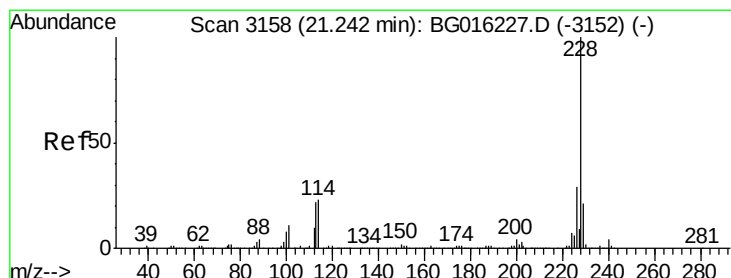
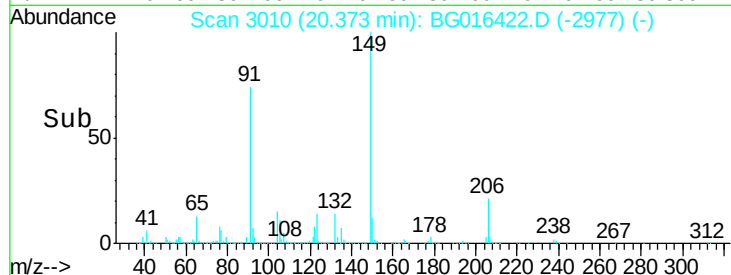
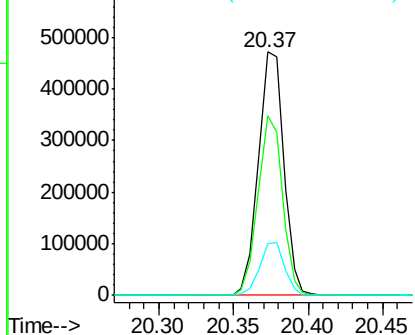
#79
Butylbenzylphthalate
Concen: 39.29 ng
RT: 20.37 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	59.4	89.2
206	21.2	15.6	23.4

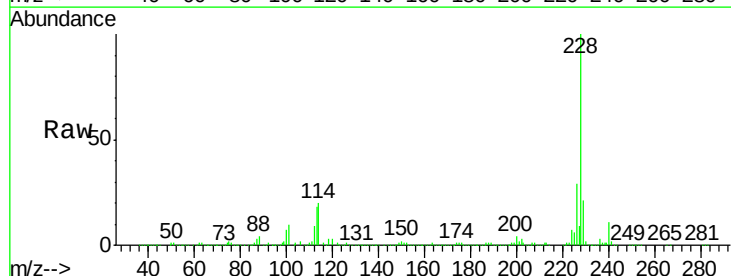


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

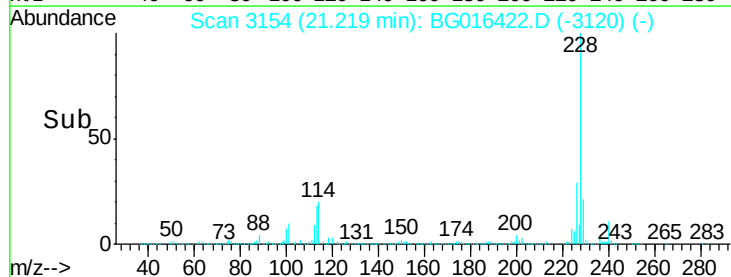
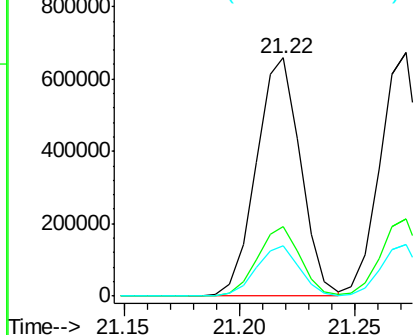


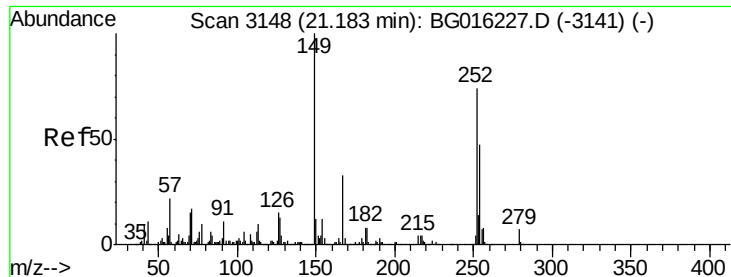
#80
Benzo(a)anthracene
Concen: 36.04 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.1	16.8	25.2



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

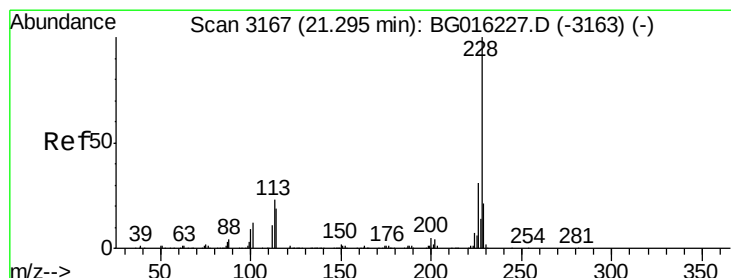
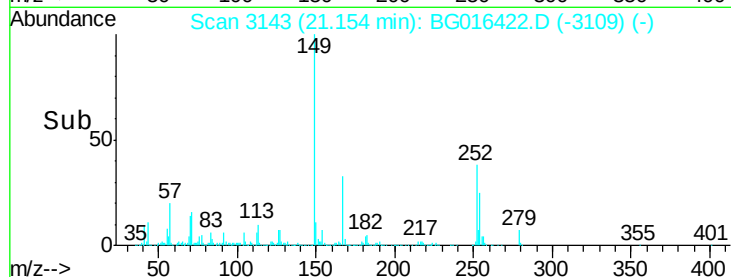
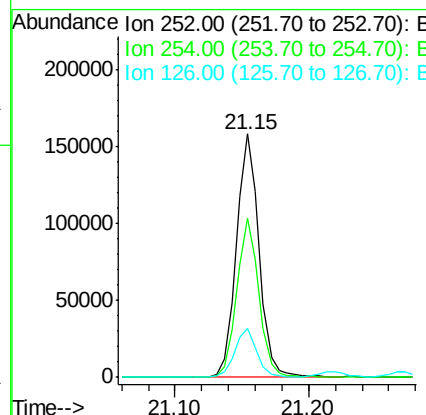
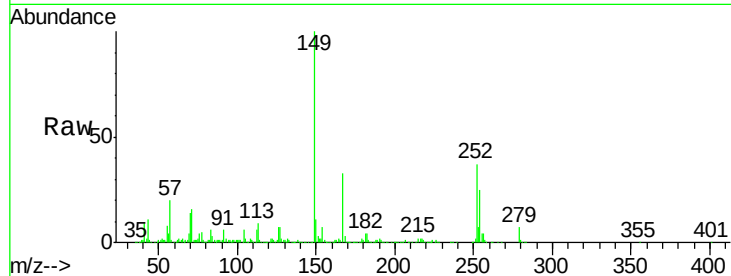




#81
 3,3'-Dichlorobenzidine
 Concen: 23.49 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

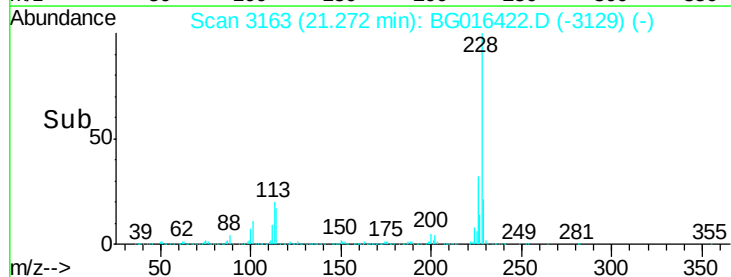
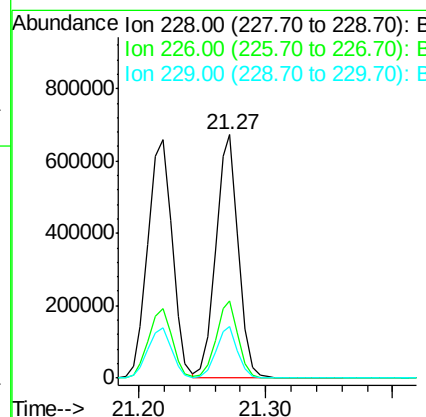
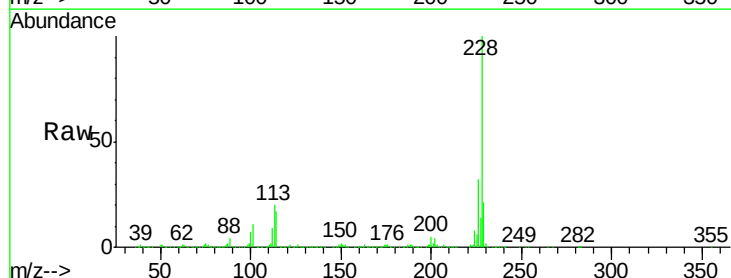
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

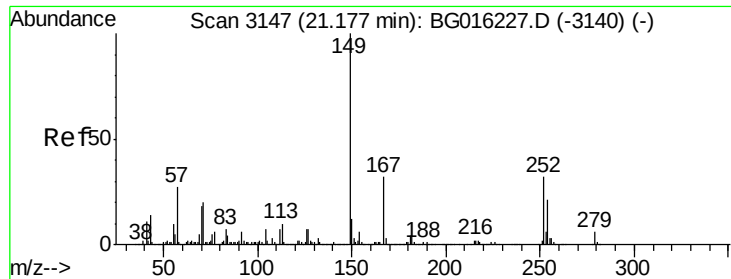
Tgt Ion:252 Resp: 187475
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 19.9 16.0 24.0



#82
 Chrysene
 Concen: 35.53 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:228 Resp: 832602
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.4
 229 21.0 17.0 25.4

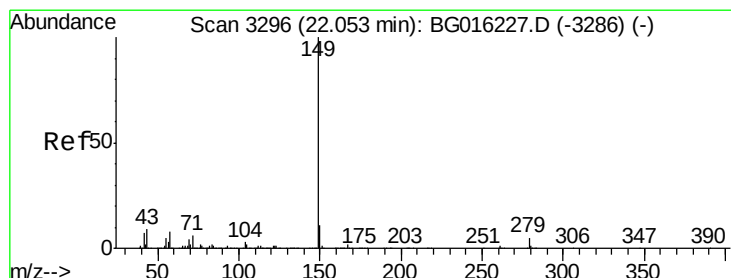
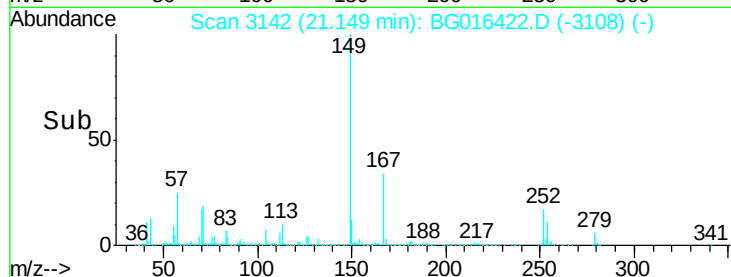
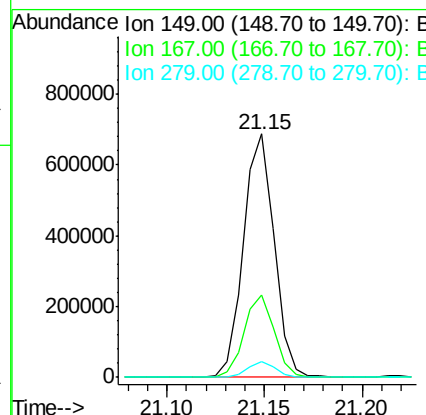
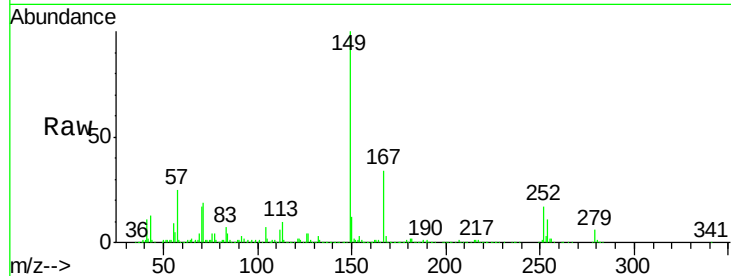




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.47 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

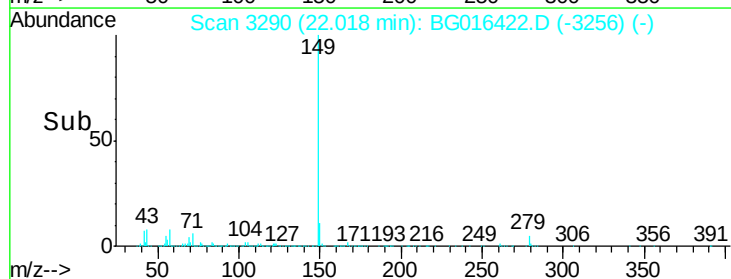
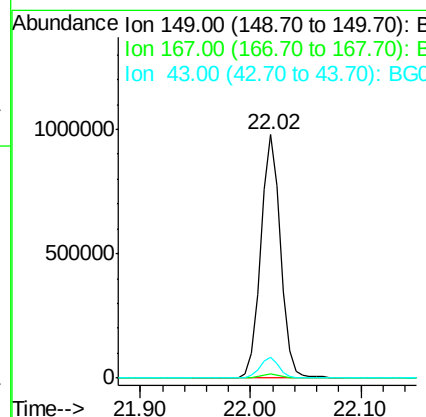
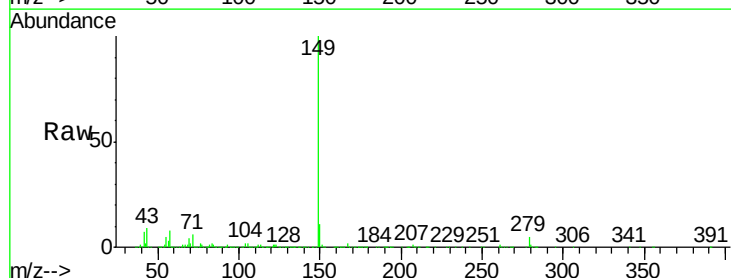
Instrument :
 BNA_G
 ClientSampleId :
 PB82692BS

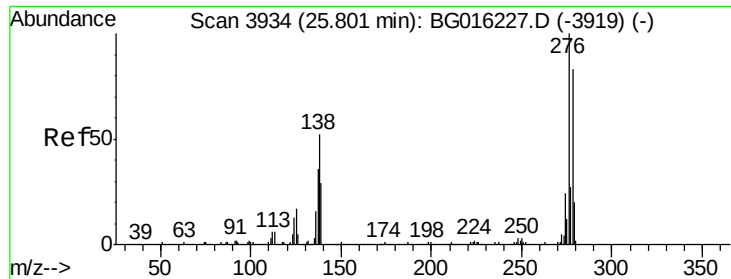
Tgt Ion:149 Resp: 750646
 Ion Ratio Lower Upper
 149 100
 167 33.7 25.8 38.6
 279 6.3 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 39.70 ng
 RT: 22.02 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG016422.D
 Acq: 15 Apr 2015 14:41

Tgt Ion:149 Resp: 1230347
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.2 7.0 10.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.13 ng

RT: 25.74 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

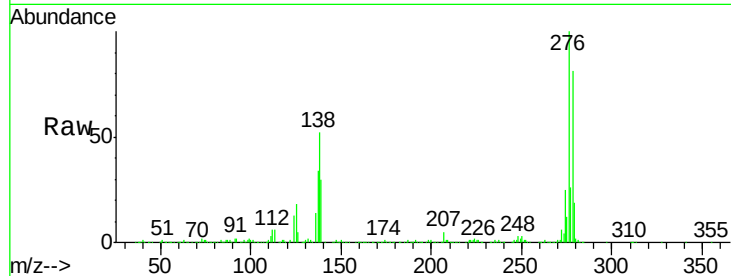
Tgt Ion:276 Resp: 903776

Ion Ratio Lower Upper

276 100

138 50.5 41.5 62.3

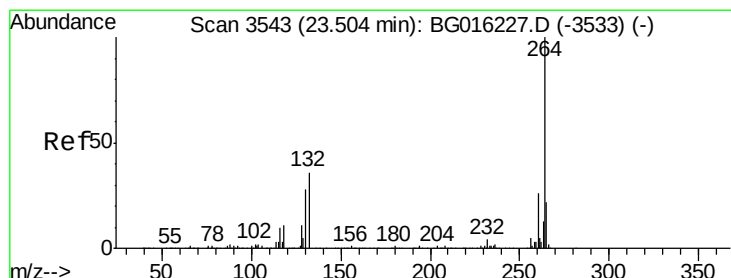
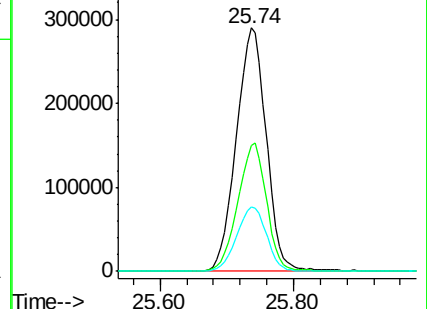
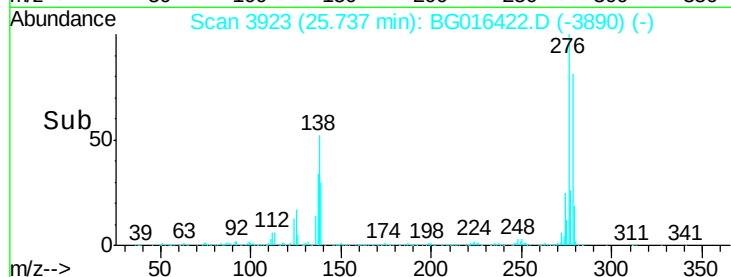
277 26.6 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

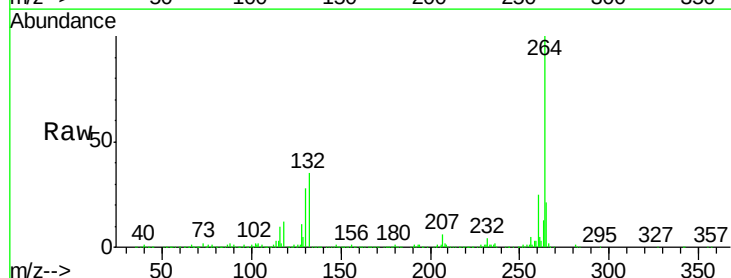
Tgt Ion:264 Resp: 384335

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

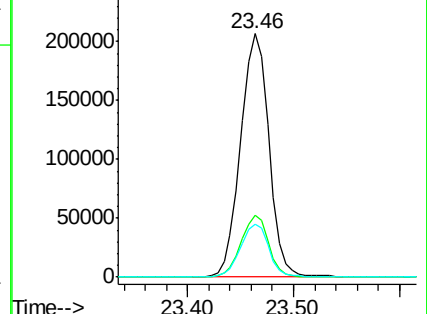
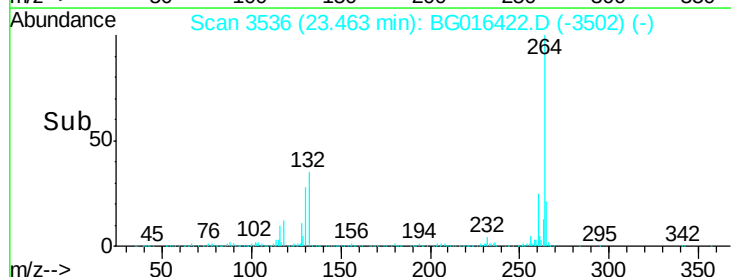
265 21.5 17.2 25.8

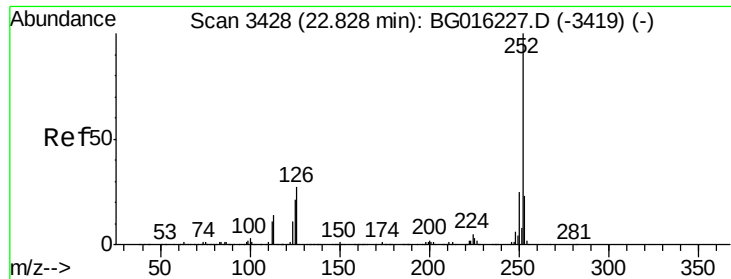


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

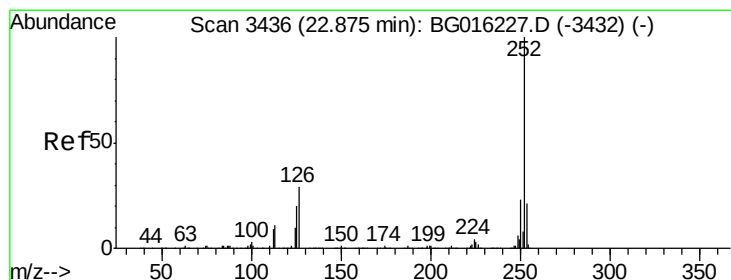
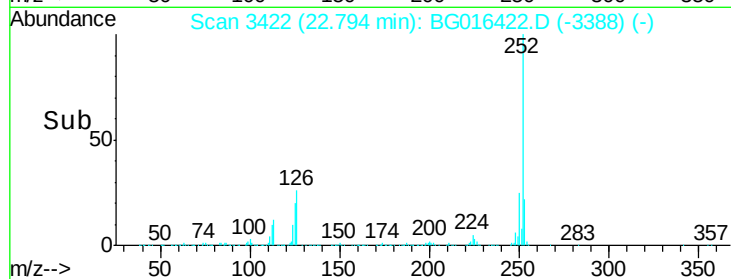
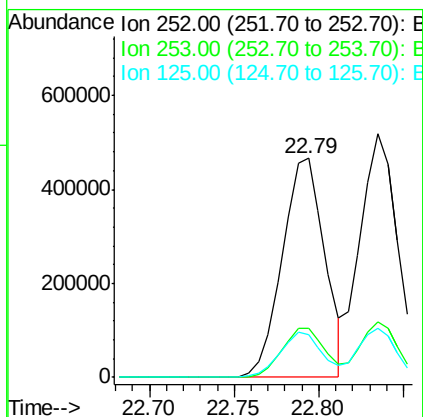
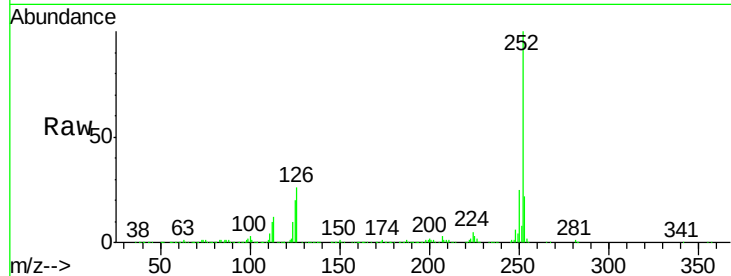




#87
Benzo(b)fluoranthene
Concen: 36.09 ng
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

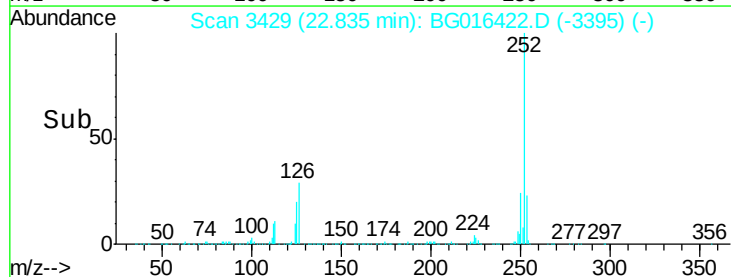
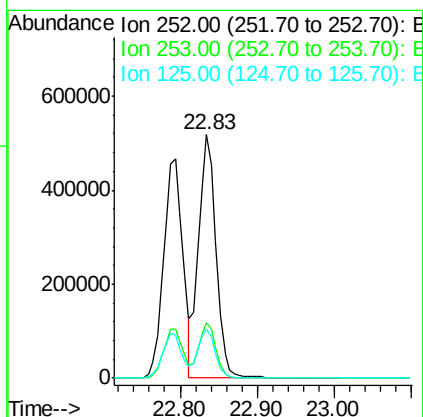
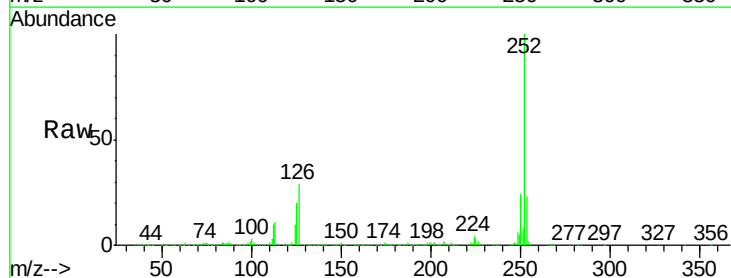
Instrument :
BNA_G
ClientSampleId :
PB82692BS

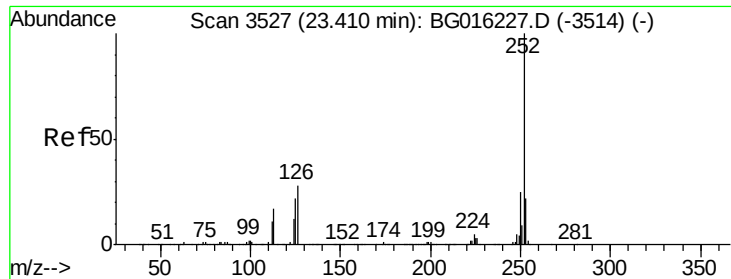
Tgt Ion:252 Resp: 812368
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 19.7 17.0 25.6



#88
Benzo(k)fluoranthene
Concen: 37.00 ng
RT: 22.83 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BG016422.D
Acq: 15 Apr 2015 14:41

Tgt Ion:252 Resp: 815015
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 20.2 16.3 24.5





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 23.36 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS

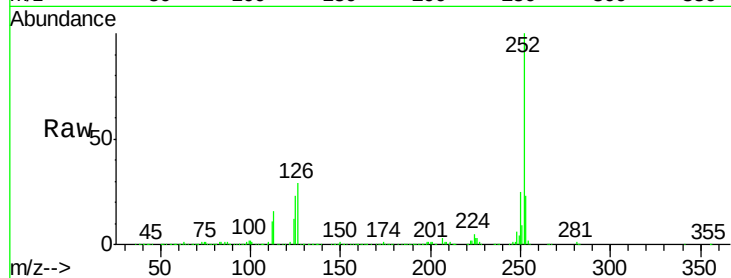
Tgt Ion:252 Resp: 803228

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

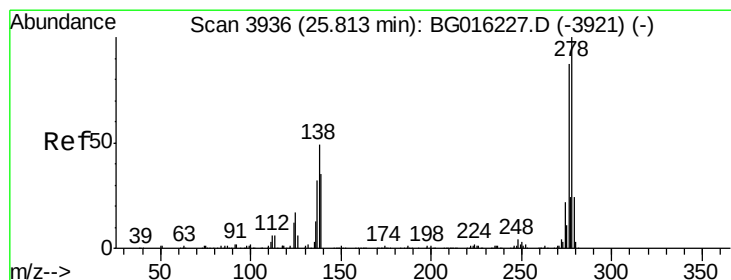
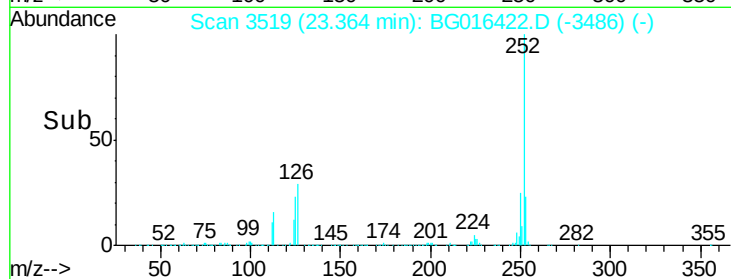
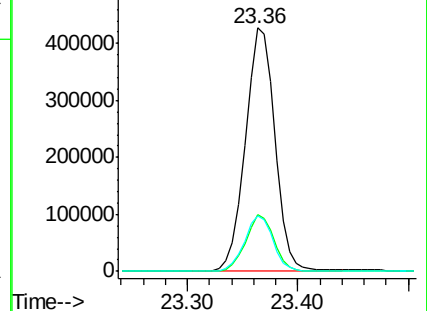
125 22.7 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.63 ng

RT: 25.75 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG016422.D

Acq: 15 Apr 2015 14:41

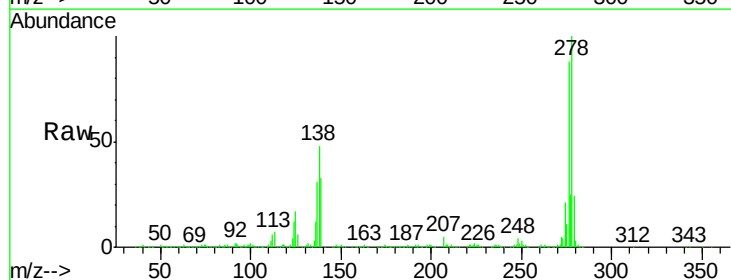
Tgt Ion:278 Resp: 751964

Ion Ratio Lower Upper

278 100

139 32.6 27.9 41.9

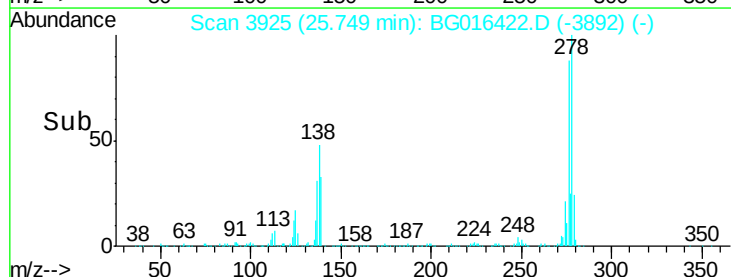
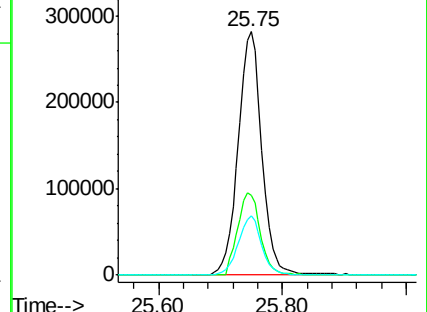
279 24.1 19.5 29.3

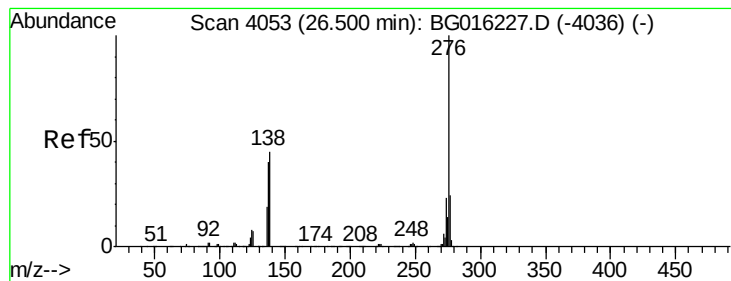


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.47 ng

RT: 26.44 min Scan# 4042

Delta R.T. -0.01 min

Lab File: BG016422.D

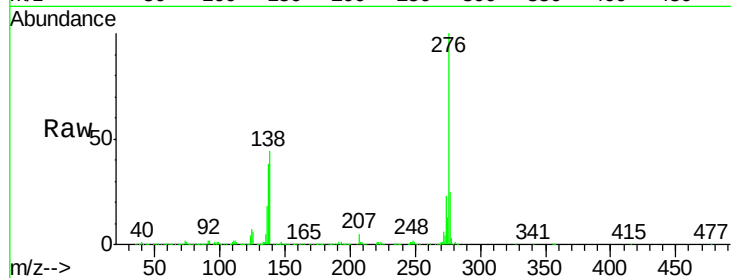
Acq: 15 Apr 2015 14:41

Instrument :

BNA_G

ClientSampleId :

PB82692BS



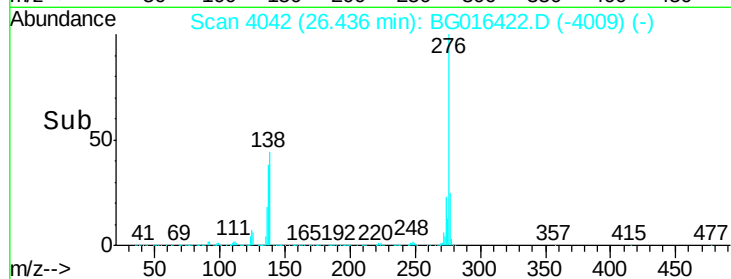
Tgt Ion: 276 Resp: 768370

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 43.9 35.7 53.5



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

26.44

250000

200000

150000

100000

50000

0

Time--> 26.20 26.40 26.60