

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041615\
 Data File : BG016485.D
 Acq On : 17 Apr 2015 10:17
 Operator : TP/IZ
 Sample : G1855-08MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Quant Time: Apr 17 16:25:48 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	60257	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	275857	20.00	ng	-0.02
38) Acenaphthene-d10	14.30	164	163905	20.00	ng	-0.02
63) Phenanthrene-d10	17.05	188	331923	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	282321	20.00	ng	-0.02
86) Perylene-d12	23.46	264	272488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	461367	120.84	ng	0.00
7) Phenol-d6	6.85	99	655068	114.29	ng	0.00
23) Nitrobenzene-d5	8.82	82	329550	69.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	128348	115.79	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	601715	62.50	ng	-0.02
78) Terphenyl-d14	19.67	244	677145	56.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	49887	28.74	ng	97
3) Pyridine	3.53	79	139825	26.95	ng	95
4) n-Nitrosodimethylamine	3.45	42	49609	32.17	ng	98
6) Aniline	6.99	93	161534	19.73	ng	96
8) 2-Chlorophenol	7.23	128	182711	39.85	ng	94
9) Benzaldehyde	6.81	77	35600	10.60	ng	91
10) Phenol	6.88	94	235929	38.47	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	161697	33.07	ng	98
12) 1,3-Dichlorobenzene	7.55	146	159884	34.53	ng	96
13) 1,4-Dichlorobenzene	7.69	146	163640	34.07	ng	96
14) 1,2-Dichlorobenzene	8.01	146	160064	34.85	ng	98
15) Benzyl Alcohol	7.91	79	136338	34.12	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	170246	30.91	ng	99
17) 2-Methylphenol	8.12	107	155825	37.89	ng	99
18) Hexachloroethane	8.73	117	57215	31.14	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	123853	30.16	ng	97
20) 3+4-Methylphenols	8.45	107	226090	39.69	ng	98
22) Acetophenone	8.48	105	232626	36.37	ng	# 98
24) Nitrobenzene	8.86	77	169933	33.37	ng	93
25) Isophorone	9.38	82	338159	31.98	ng	97
26) 2-Nitrophenol	9.57	139	102123	43.01	ng	98
27) 2,4-Dimethylphenol	9.64	122	183179	41.41	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	209116	34.64	ng	97
29) 2,4-Dichlorophenol	10.10	162	156956	44.85	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	135493	37.08	ng	99
31) Naphthalene	10.50	128	510934	35.54	ng	99
32) Benzoic acid	9.76	122	47700	22.26	ng	97
33) 4-Chloroaniline	10.61	127	129370	19.18	ng	96
34) Hexachlorobutadiene	10.78	225	55181	34.38	ng	98
35) Caprolactam	11.38	113	51887	23.55	ng	92
36) 4-Chloro-3-methylphenol	11.75	107	182461	39.46	ng	97
37) 2-Methylnaphthalene	12.11	142	361869	35.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	125861	34.88	ng	98
40) Hexachlorocyclopentadiene	12.46	237	82724	50.08	ng	98

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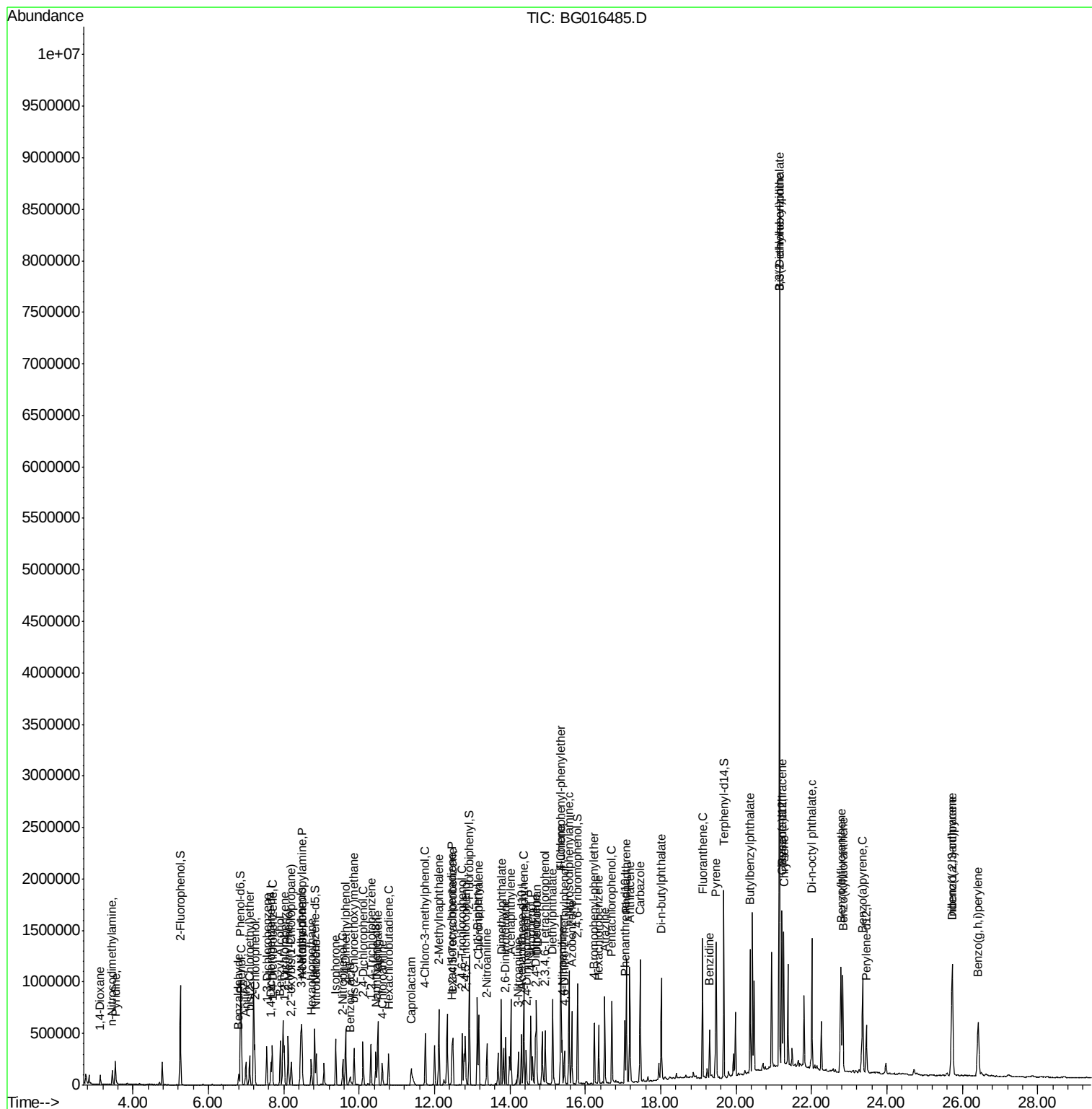
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	110940	41.37	ng	94
43) 2,4,5-Trichlorophenol	12.82	196	119159	41.59	ng	96
45) 1,1'-Biphenyl	13.13	154	436363	34.71	ng	98
46) 2-Chloronaphthalene	13.18	162	334288	34.90	ng	98
47) 2-Nitroaniline	13.39	65	110372	35.75	ng	91
48) Acenaphthylene	14.03	152	579596	34.03	ng	99
49) Dimethylphthalate	13.77	163	517407	43.07	ng	99
50) 2,6-Dinitrotoluene	13.89	165	109922	37.83	ng	# 87
51) Acenaphthene	14.37	154	346372	34.03	ng	99
52) 3-Nitroaniline	14.22	138	95048	25.62	ng	94
53) 2,4-Dinitrophenol	14.43	184	87868	55.13	ng	94
54) Dibenzofuran	14.70	168	499186	35.34	ng	98
55) 4-Nitrophenol	14.55	139	228416	74.49	ng	97
56) 2,4-Dinitrotoluene	14.68	165	153339	38.75	ng	89
57) Fluorene	15.36	166	434287	34.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	92815	41.98	ng	# 94
59) Diethylphthalate	15.13	149	443808	34.71	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	178646	35.05	ng	95
61) 4-Nitroaniline	15.38	138	140879	33.45	ng	96
62) Azobenzene	15.64	77	417400	30.67	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	79630	35.21	ng	88
65) n-Nitrosodiphenylamine	15.57	169	399690	35.62	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	93882	35.42	ng	94
67) Hexachlorobenzene	16.35	284	95008	34.49	ng	98
68) Atrazine	16.52	200	129044	41.26	ng	97
69) Pentachlorophenol	16.71	266	121502	72.24	ng	98
70) Phenanthrene	17.09	178	653979	35.03	ng	100
71) Anthracene	17.18	178	644010	34.81	ng	99
72) Carbazole	17.45	167	696490	37.51	ng	99
73) Di-n-butylphthalate	18.02	149	768566	33.82	ng	98
74) Fluoranthene	19.11	202	681090	35.39	ng	95
76) Benzidine	19.30	184	280887	23.46	ng	98
77) Pyrene	19.47	202	703147	35.77	ng	99
79) Butylbenzylphthalate	20.37	149	353016	36.55	ng	96
80) Benzo(a)anthracene	21.21	228	600063	35.96	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	123898	22.58	ng	# 93
82) Chrysene	21.27	228	561197	34.84	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	2365214	180.89	ng	# 76
84) Di-n-octyl phthalate	22.01	149	880592	41.34	ng	# 97
85) Indeno(1,2,3-cd)pyrene	25.73	276	614085	36.70	ng	96
87) Benzo(b)fluoranthene	22.78	252	565834	35.45	ng	98
88) Benzo(k)fluoranthene	22.83	252	533115	34.14	ng	99
89) Benzo(a)pyrene	23.36	252	544057	36.37	ng	99
90) Dibenzo(a,h)anthracene	25.74	278	510662	35.09	ng	97
91) Benzo(g,h,i)perylene	26.42	276	511913	35.21	ng	99

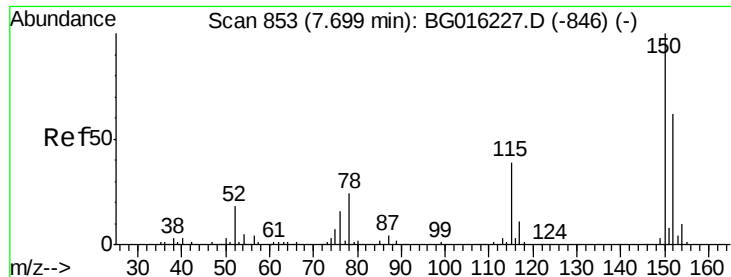
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

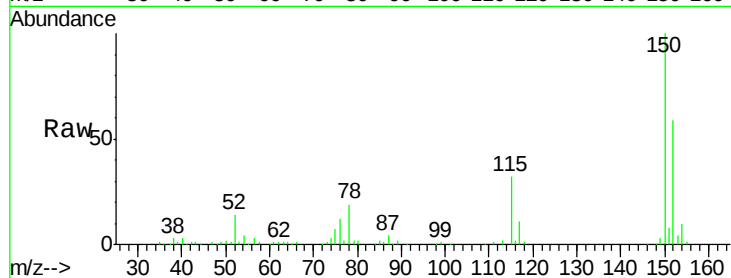
Tgt Ion:152 Resp: 60257

Ion Ratio Lower Upper

152 100

150 168.7 130.1 195.1

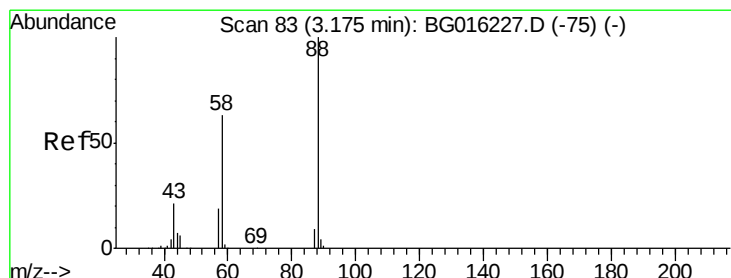
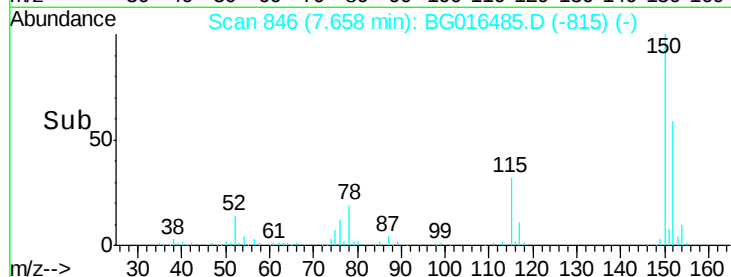
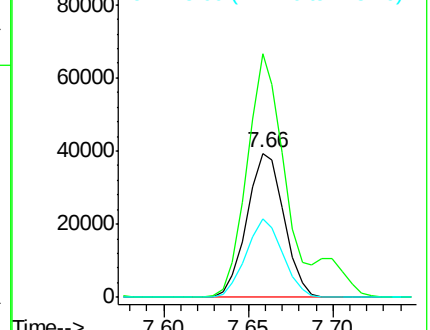
115 54.8 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.74 ng

RT: 3.13 min Scan# 76

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

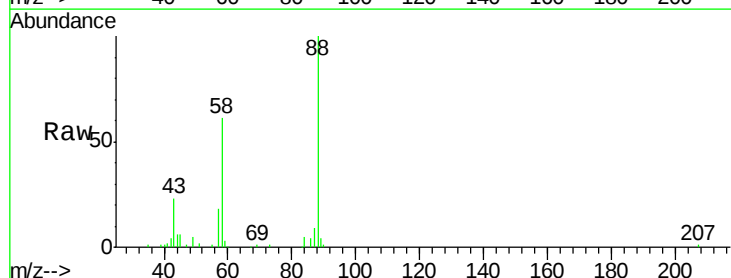
Tgt Ion: 88 Resp: 49887

Ion Ratio Lower Upper

88 100

58 60.7 50.6 76.0

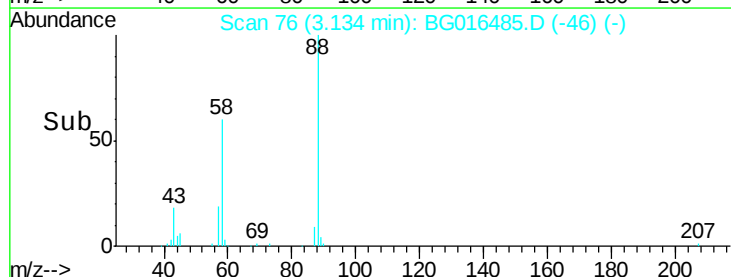
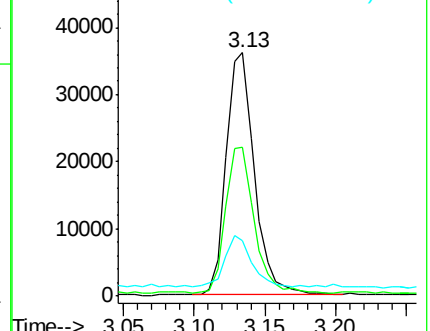
43 19.7 17.0 25.4

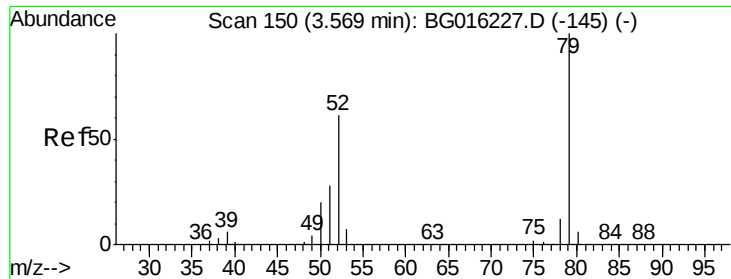


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.95 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

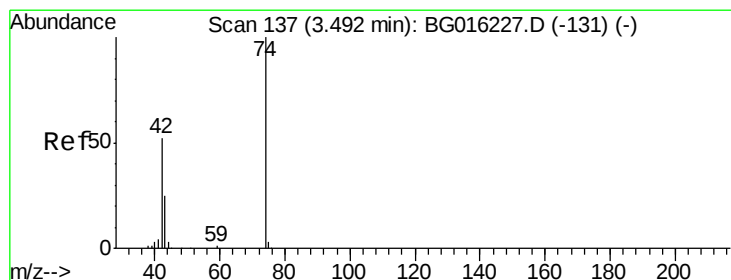
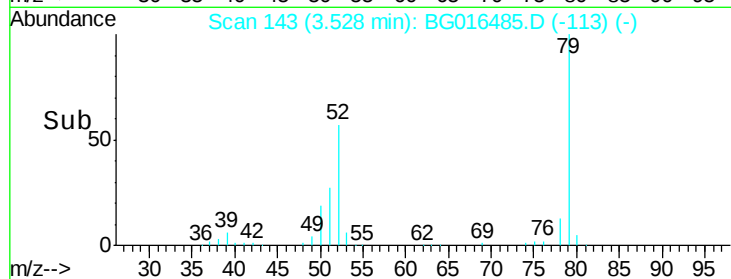
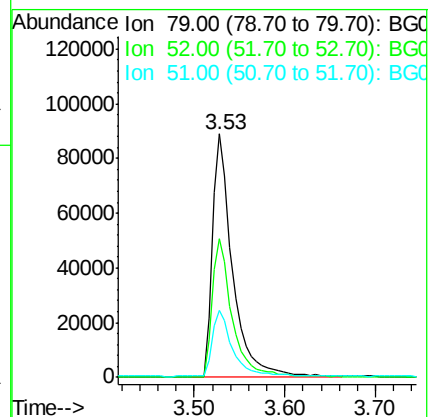
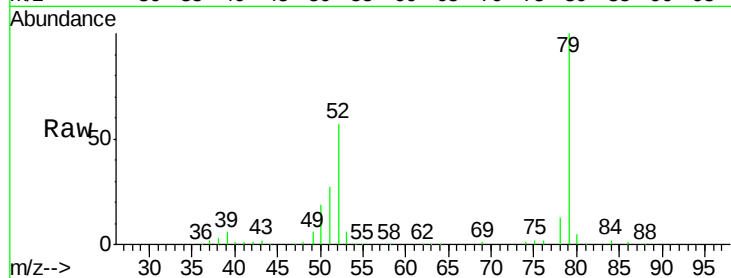
Tgt Ion: 79 Resp: 139825

Ion Ratio Lower Upper

79 100

52 56.7 49.0 73.4

51 27.3 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 32.17 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

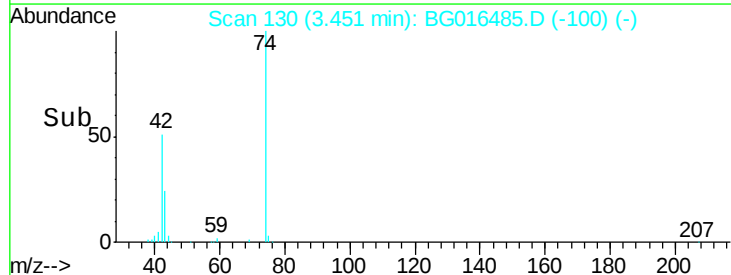
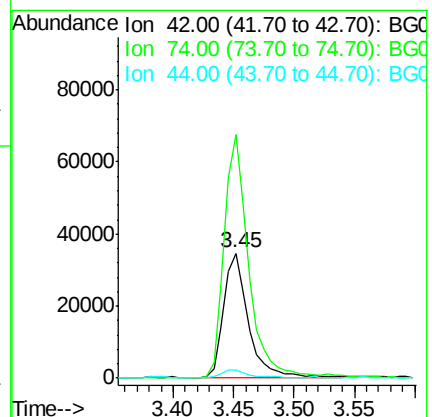
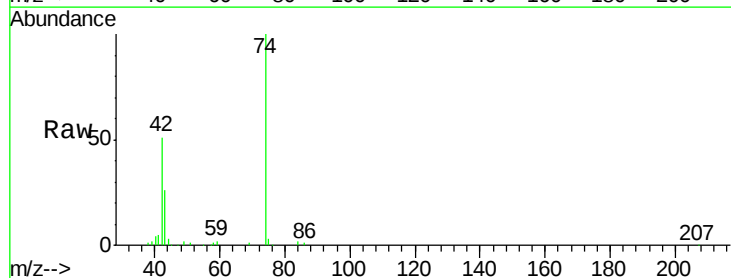
Tgt Ion: 42 Resp: 49609

Ion Ratio Lower Upper

42 100

74 195.0 153.7 230.5

44 6.2 5.3 7.9





#5

2-Fluorophenol

Concen: 120.84 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

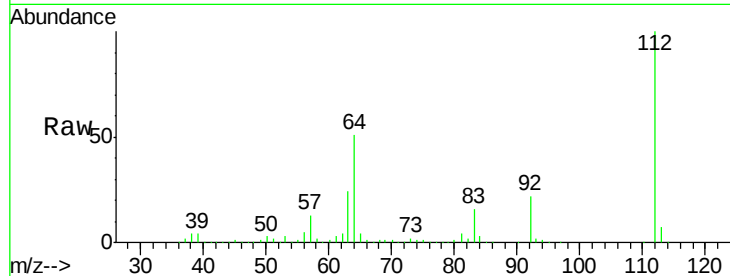
Instrument :

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ClientSampleId :

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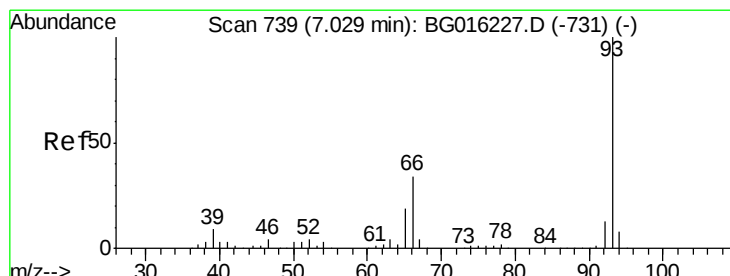
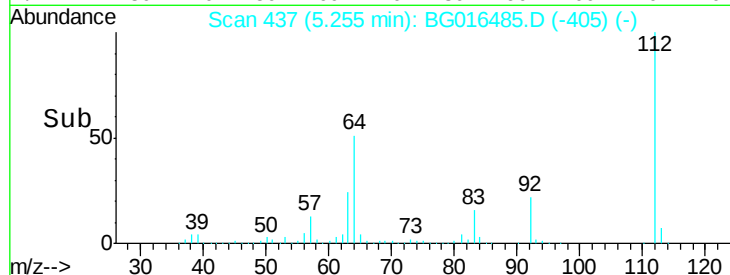
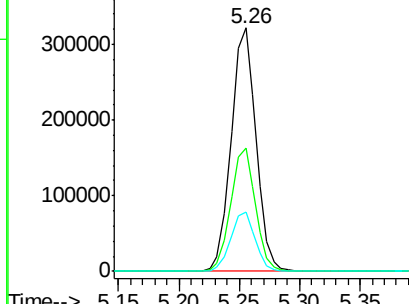
Tgt Ion:	112	Resp:	461367
Ion	Ratio	Lower	Upper
112	100		
64	50.8	44.5	66.7
63	24.2	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.73 ng

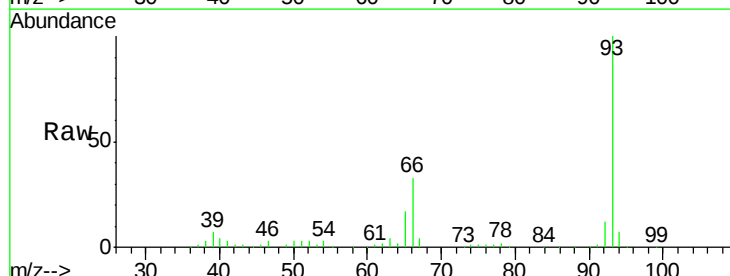
RT: 6.99 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

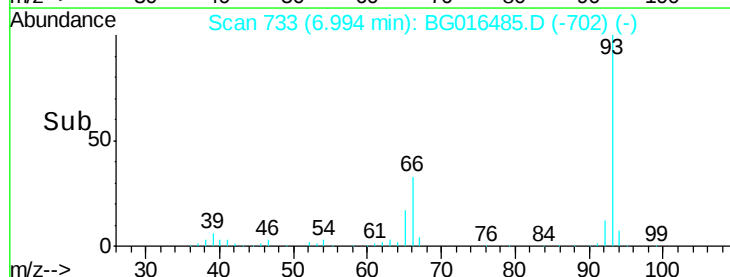
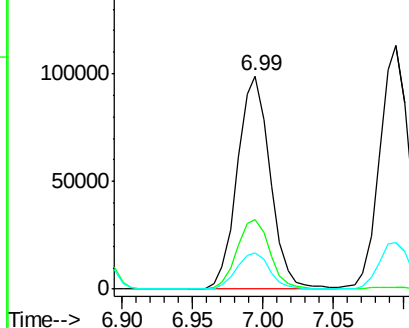
Tgt Ion:	93	Resp:	161534
Ion	Ratio	Lower	Upper
93	100		
66	32.6	27.5	41.3
65	16.7	15.1	22.7

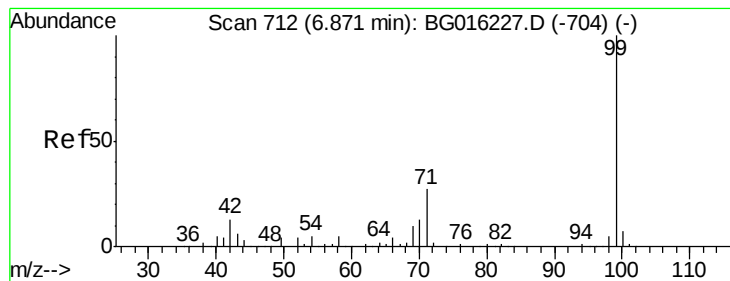


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.29 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

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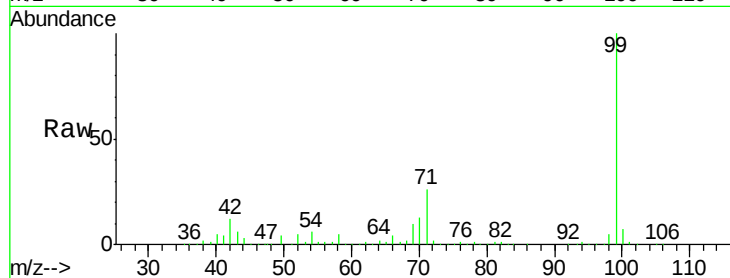
Tgt Ion: 99 Resp: 655068

Ion Ratio Lower Upper

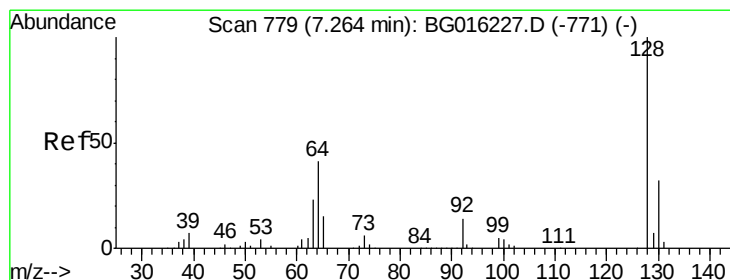
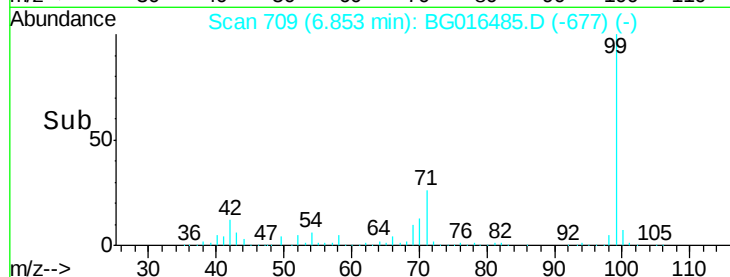
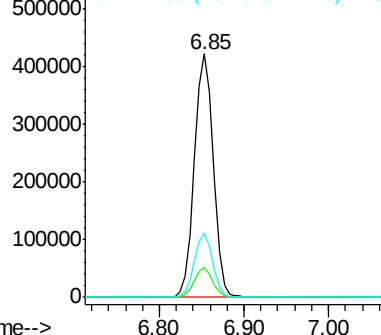
99 100

42 12.0 10.0 15.0

71 26.2 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: 39.85 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

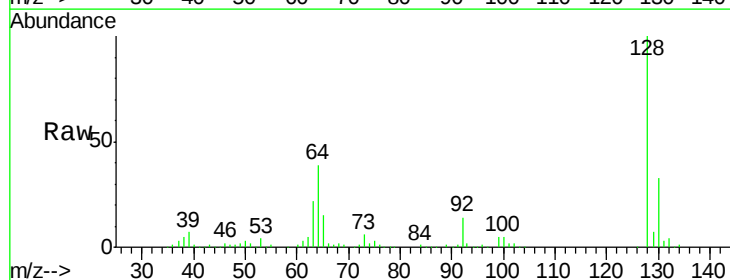
Tgt Ion: 128 Resp: 182711

Ion Ratio Lower Upper

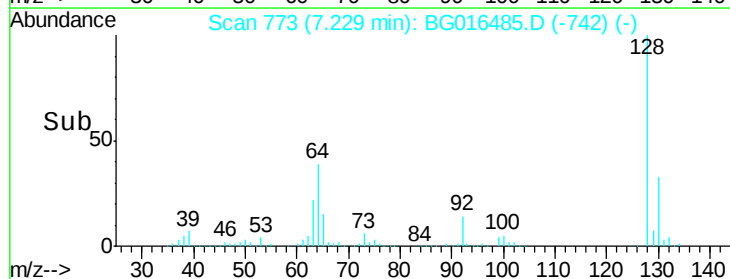
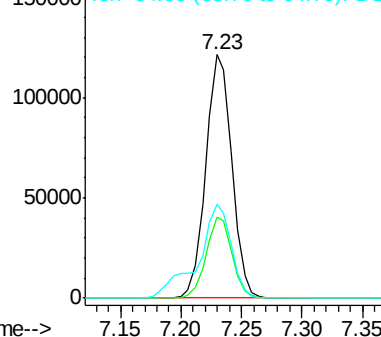
128 100

130 33.1 11.6 51.6

64 38.6 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: 10.60 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.02 min

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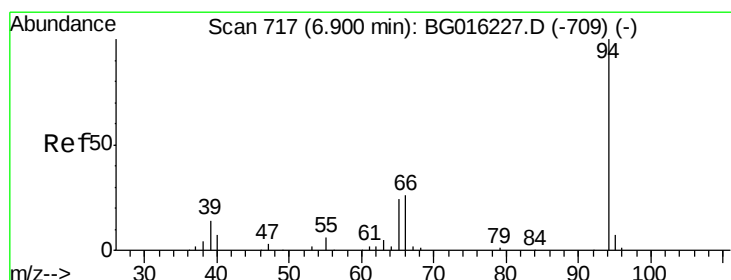
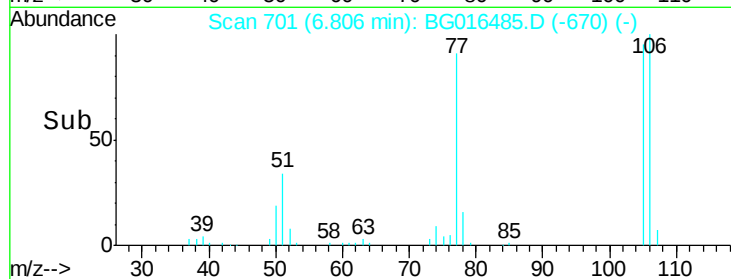
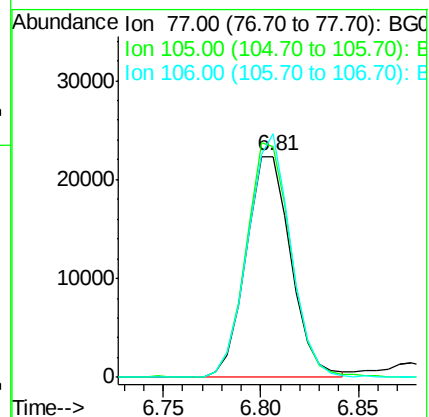
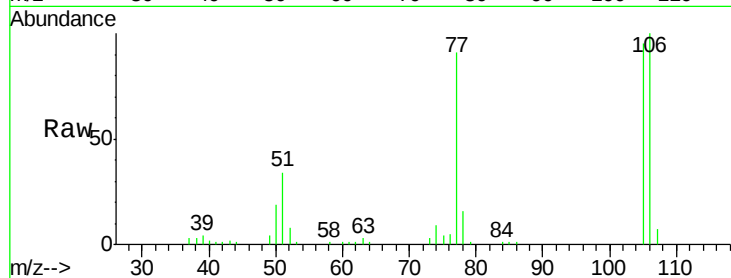
Tgt Ion: 77 Resp: 35600

Ion Ratio Lower Upper

77 100

105 104.2 76.8 116.8

106 110.2 80.1 120.1



#10

Phenol

Concen: 38.47 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.01 min

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Acq: 17 Apr 2015 10:17

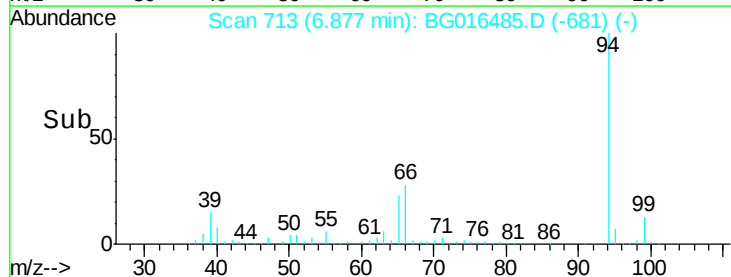
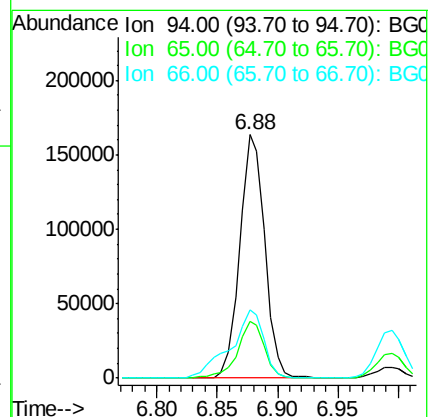
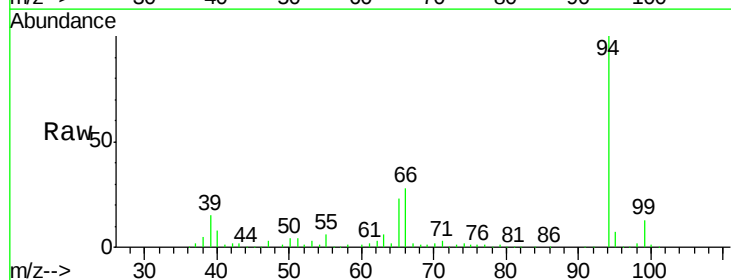
Tgt Ion: 94 Resp: 235929

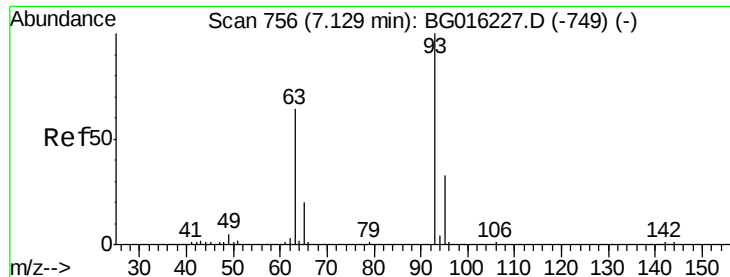
Ion Ratio Lower Upper

94 100

65 23.3 3.8 43.8

66 28.2 7.4 47.4

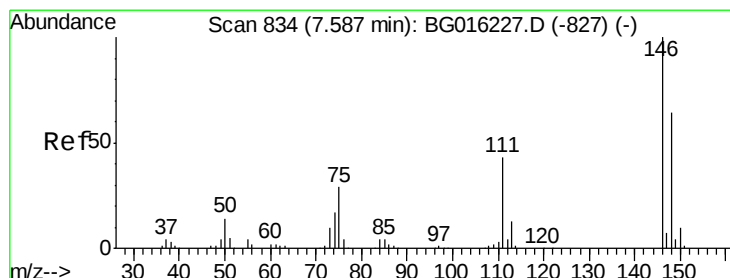
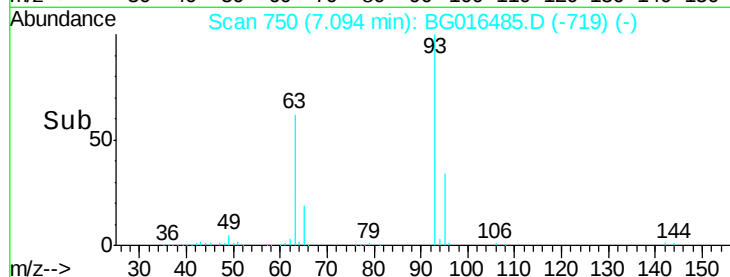
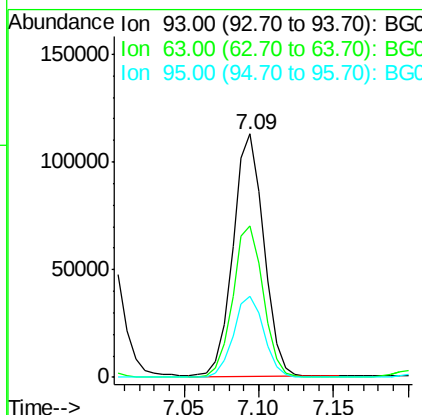
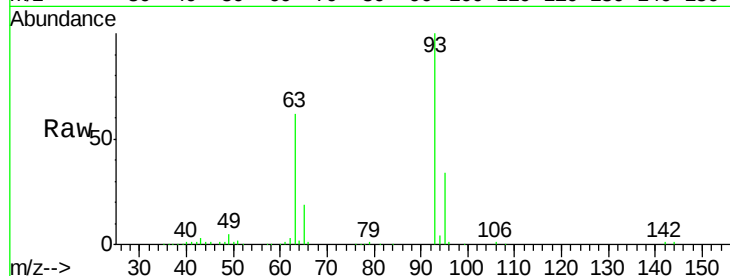




#11
bis(2-Chloroethyl)ether
Concen: 33.07 ng
RT: 7.09 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

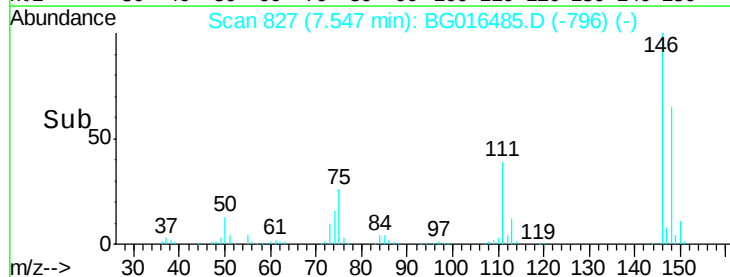
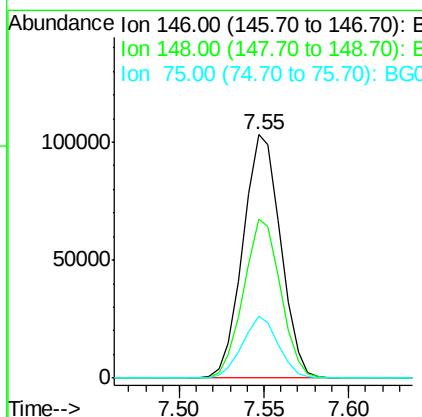
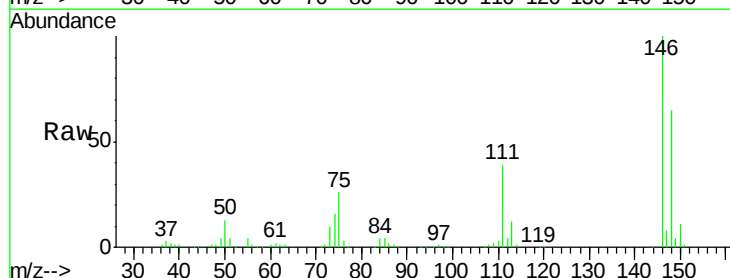
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

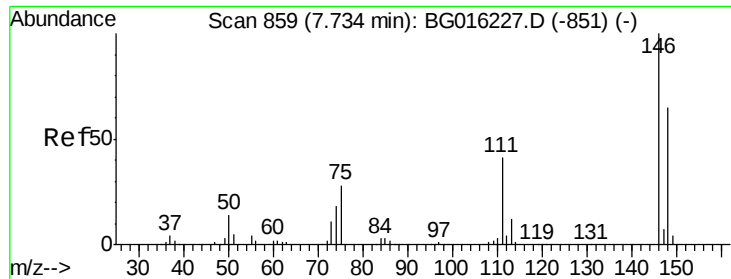
Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.2	44.1	84.1
95	33.5	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 34.53 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
75	25.5	23.3	34.9

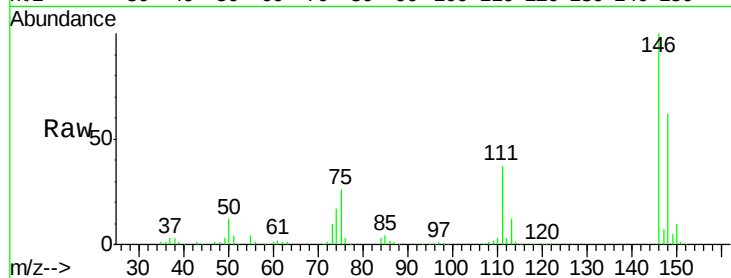




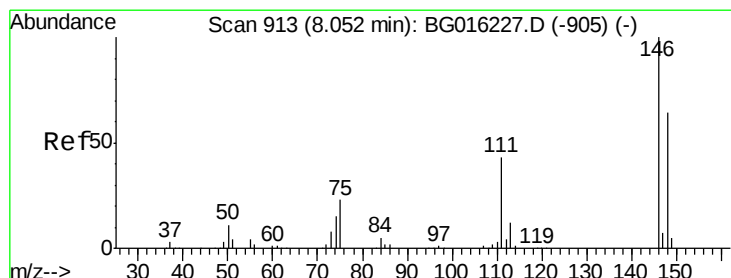
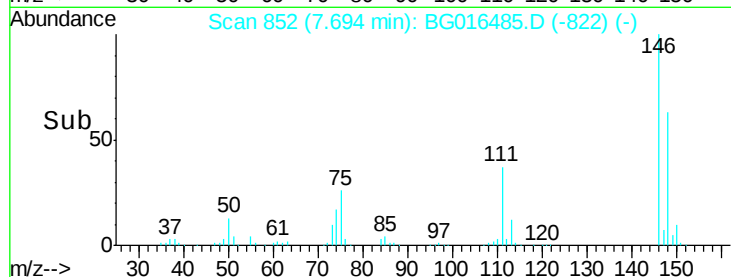
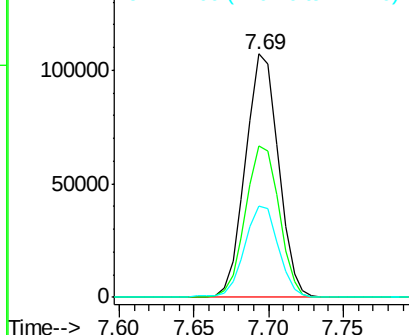
#13
 1,4-Dichlorobenzene
 Concen: 34.07 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:146 Resp: 163640
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.0 78.0
 111 37.4 32.6 49.0

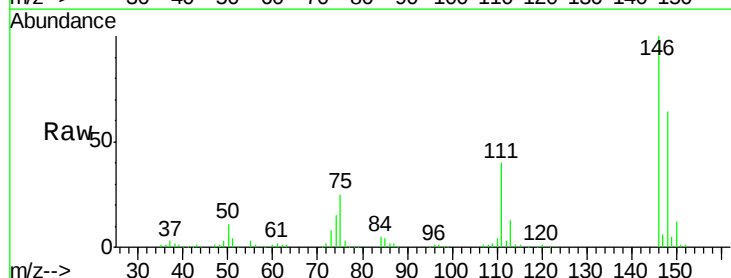


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

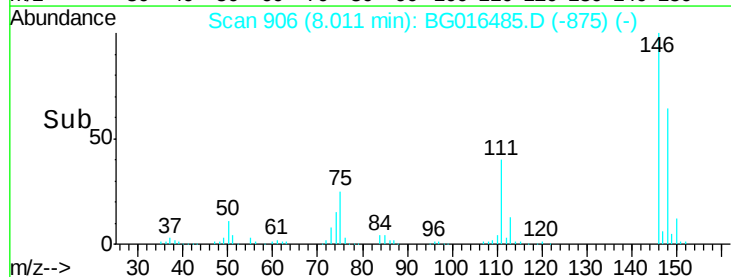
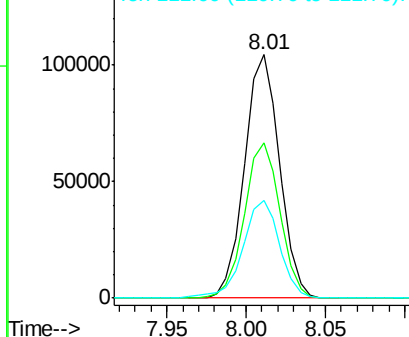


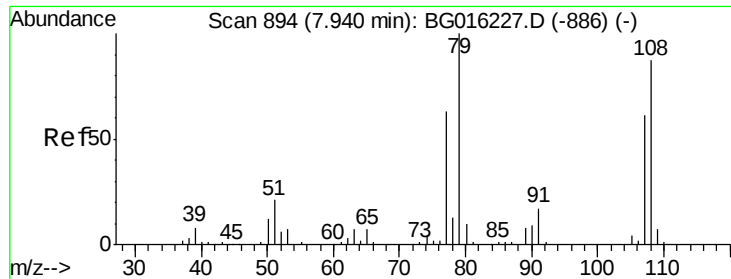
#14
 1,2-Dichlorobenzene
 Concen: 34.85 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:146 Resp: 160064
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.9 76.3
 111 40.2 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: 34.12 ng

RT: 7.91 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

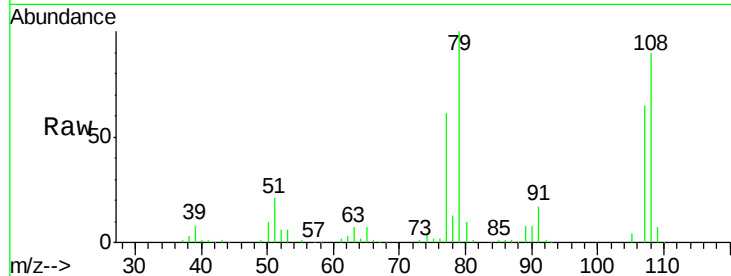
Tgt Ion: 79 Resp: 136338

Ion Ratio Lower Upper

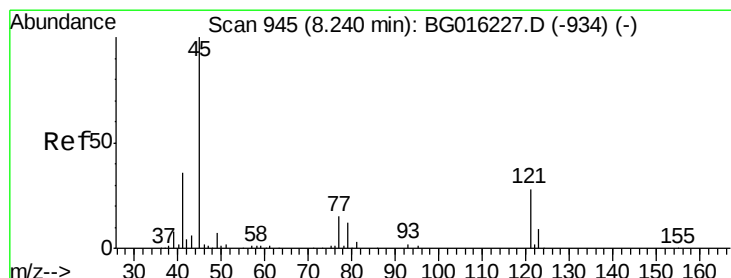
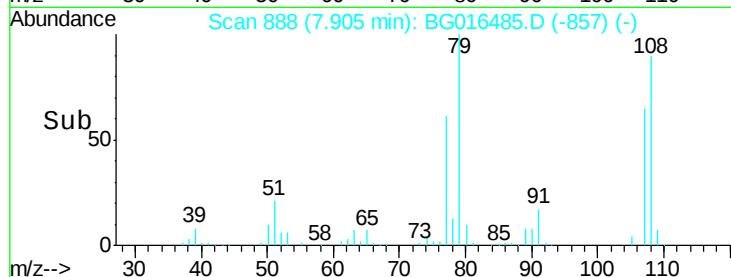
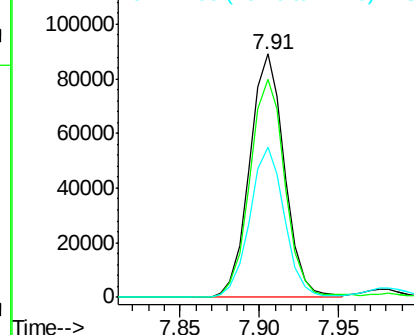
79 100

108 89.6 69.3 103.9

77 61.4 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.91 ng

RT: 8.20 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

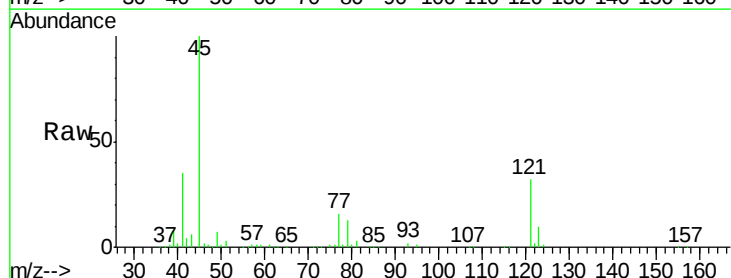
Tgt Ion: 45 Resp: 170246

Ion Ratio Lower Upper

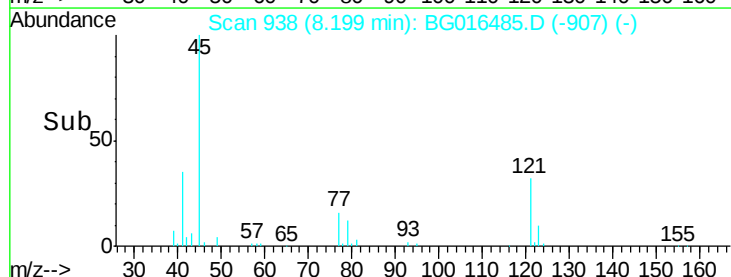
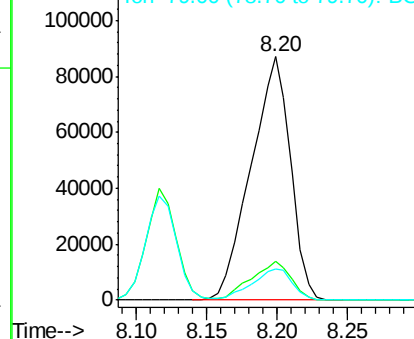
45 100

77 15.9 0.0 35.3

79 12.6 0.0 32.3



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

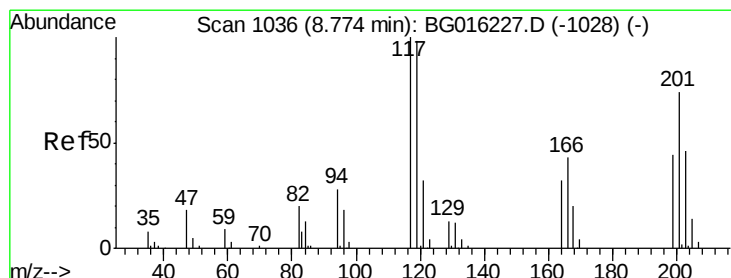
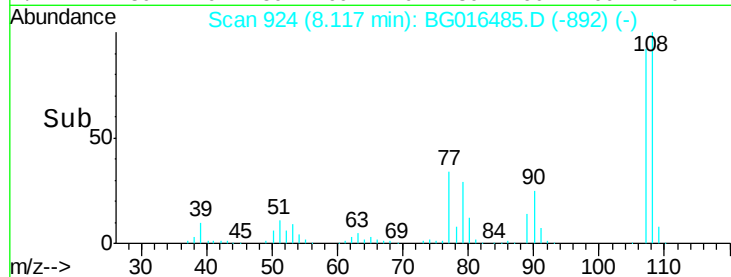
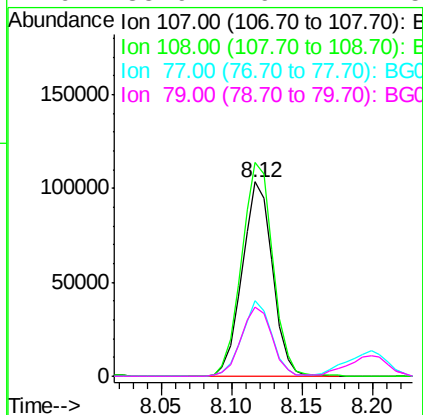
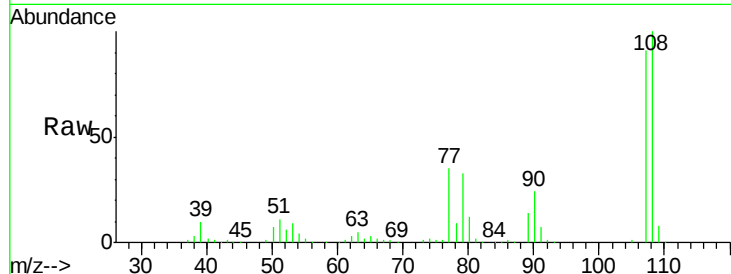




#17
2-Methylphenol
Concen: 37.89 ng
RT: 8.12 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

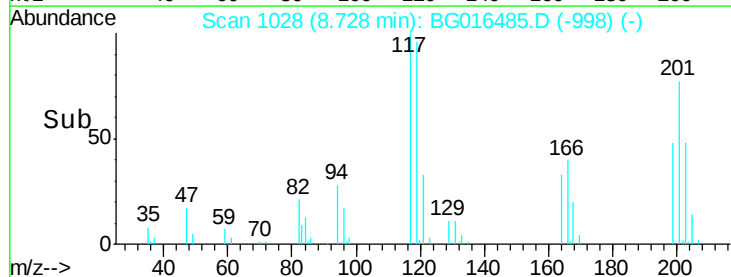
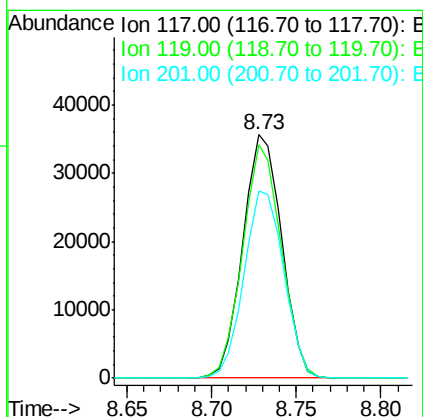
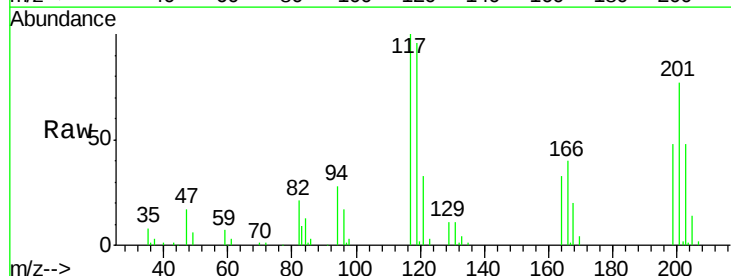
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

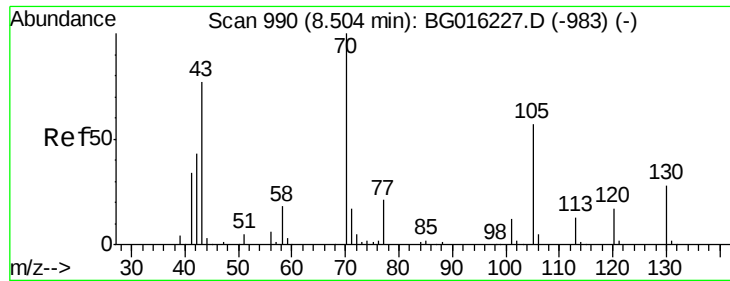
Tgt Ion:	107	Resp:	155825
Ion	Ratio	Lower	Upper
107	100		
108	109.9	87.2	130.8
77	38.6	31.1	46.7
79	35.9	29.7	44.5



#18
Hexachloroethane
Concen: 31.14 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:	117	Resp:	57215
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.8	118.2
201	77.1	59.0	88.4

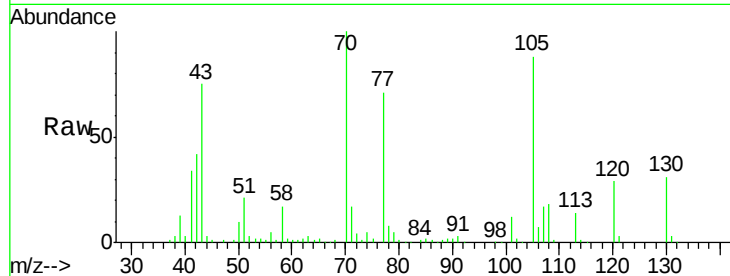




#19
n-Nitroso-di-n-propylamine
Concen: 30.16 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

Tgt Ion:	70	Resp:	123853
Ion	Ratio	Lower	Upper
70	100		
42	42.1	34.7	52.1
101	11.9	9.2	13.8
130	30.9	22.6	33.8



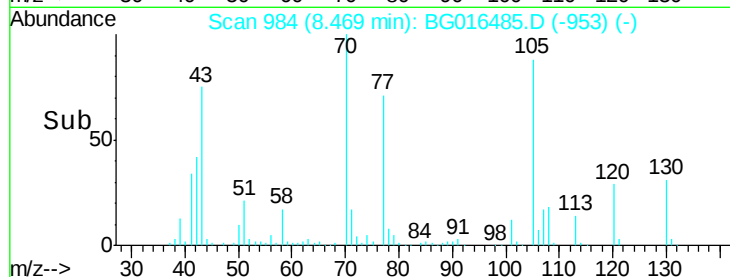
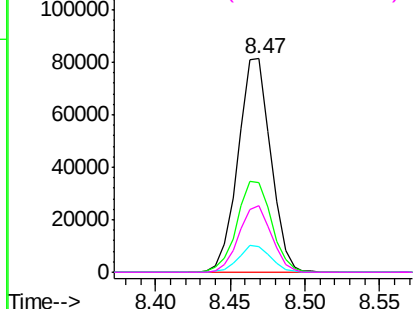
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

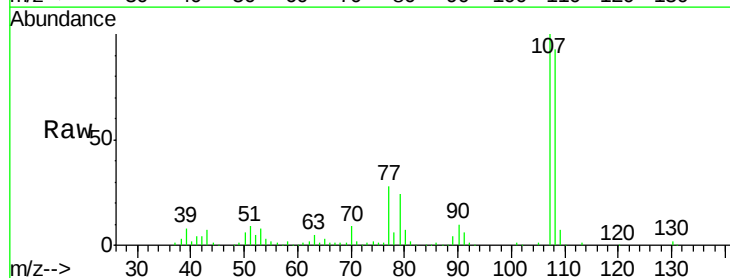
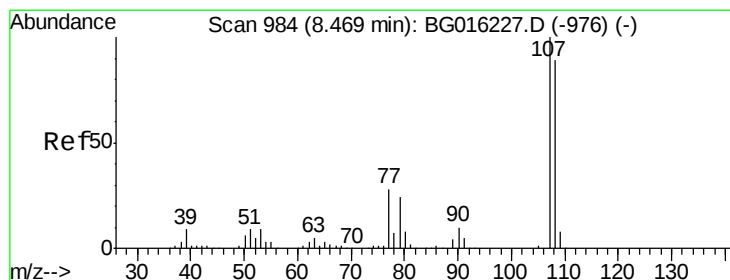
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.69 ng
RT: 8.45 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:	107	Resp:	226090
Ion	Ratio	Lower	Upper
107	100		
108	92.7	69.5	109.5
77	27.9	8.2	48.2
79	24.4	3.8	43.8



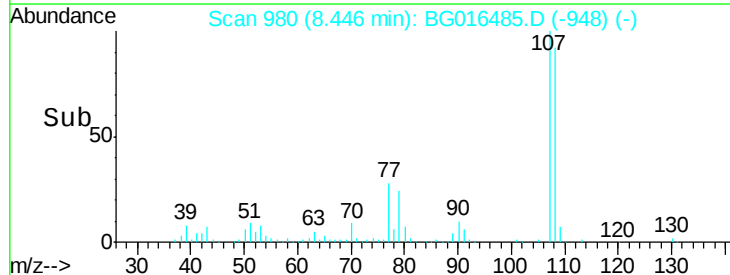
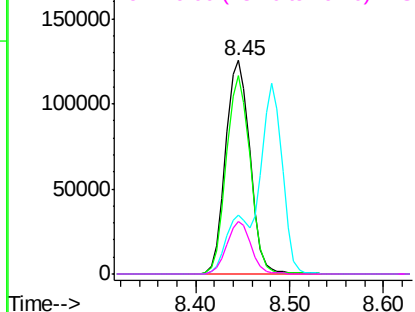
Abundance

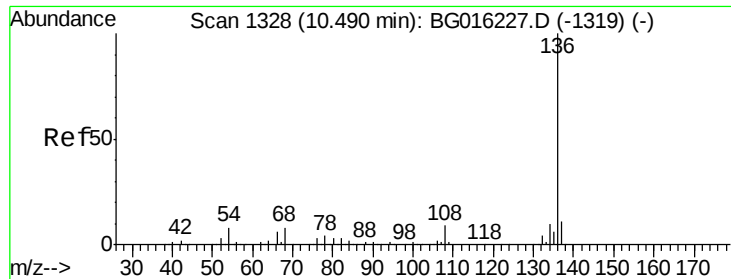
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

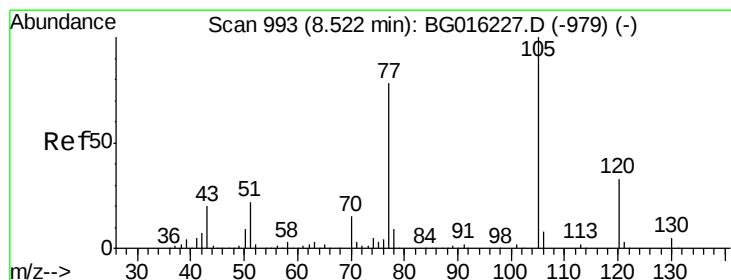
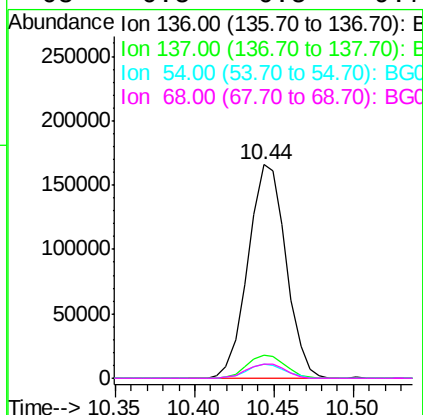
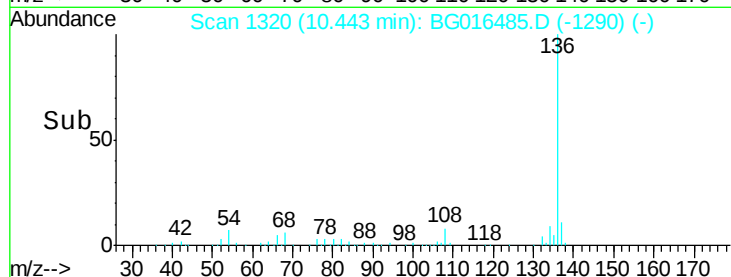
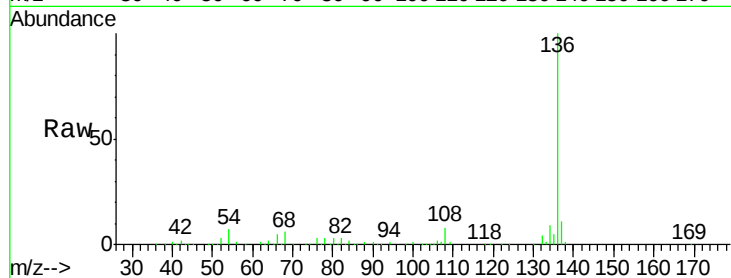




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

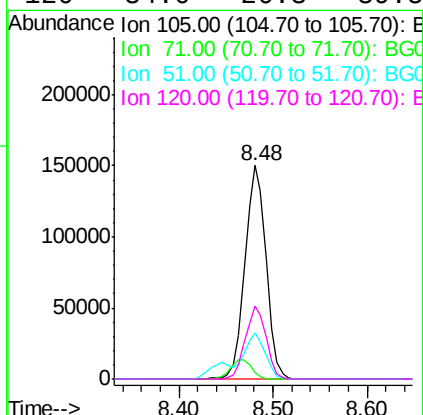
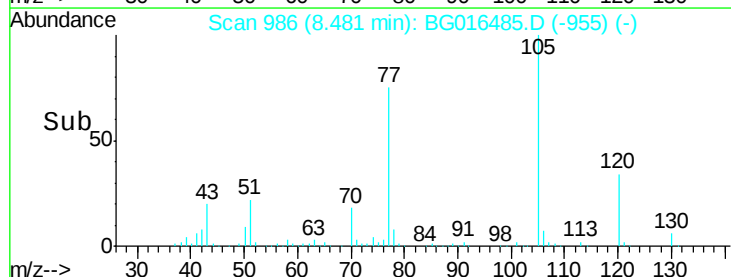
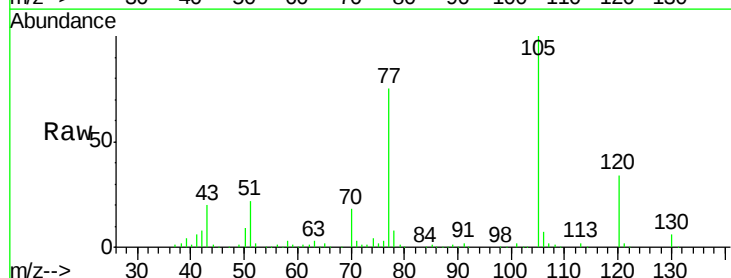
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

Tgt Ion:	136	Resp:	275857
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	6.6	6.3	9.5
68	6.5	6.5	9.7#



#22
Acetophenone
Concen: 36.37 ng
RT: 8.48 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:	105	Resp:	232626
Ion Ratio	Lower	Upper	
105	100		
71	3.2	2.0	3.0#
51	21.6	17.9	26.9
120	34.0	26.3	39.5

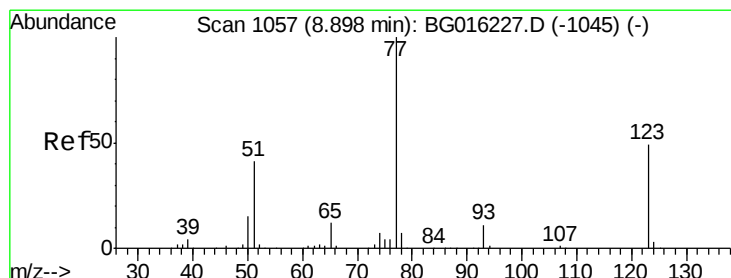
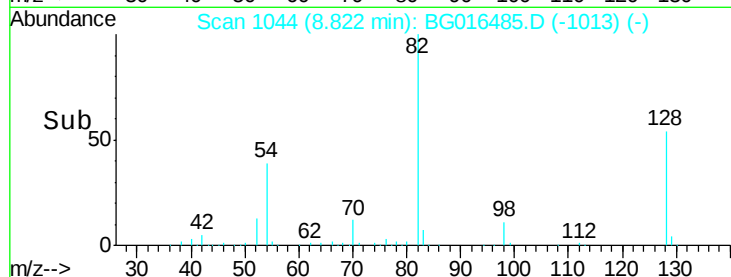
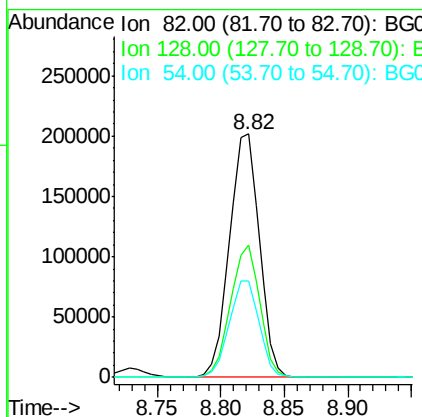
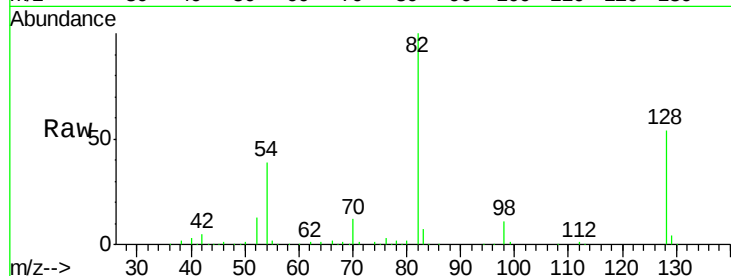




#23
 Nitrobenzene-d5
 Concen: 69.21 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

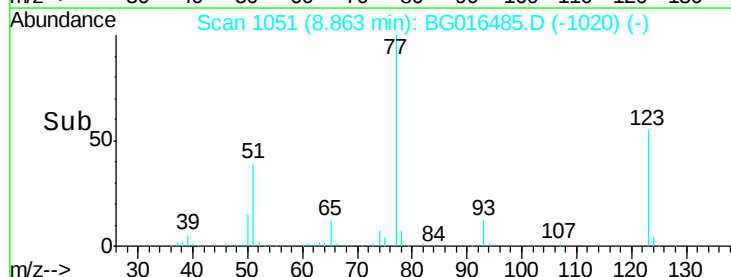
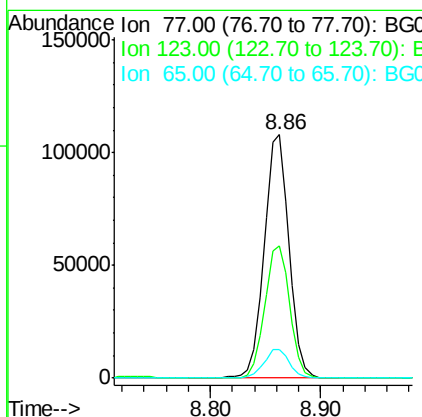
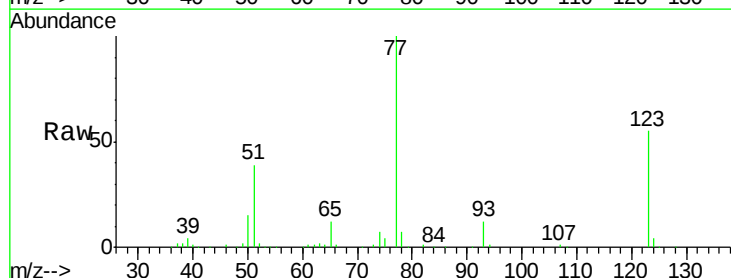
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

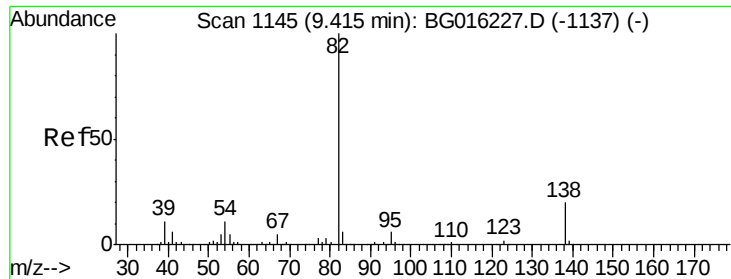
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.4	37.8	56.8
54	39.4	32.6	49.0



#24
 Nitrobenzene
 Concen: 33.37 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.6	38.8	58.2
65	11.7	9.4	14.2

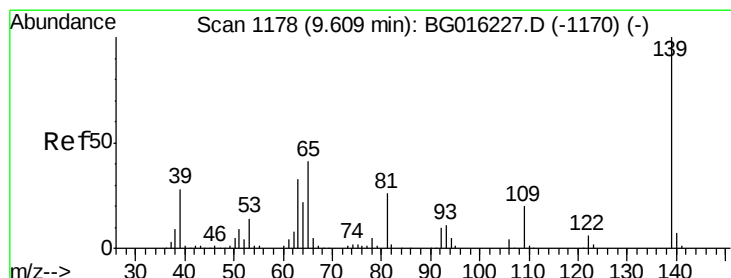
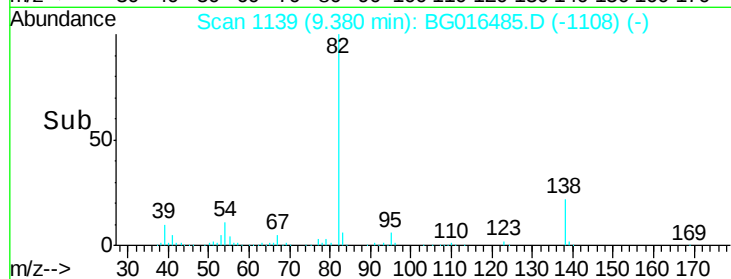
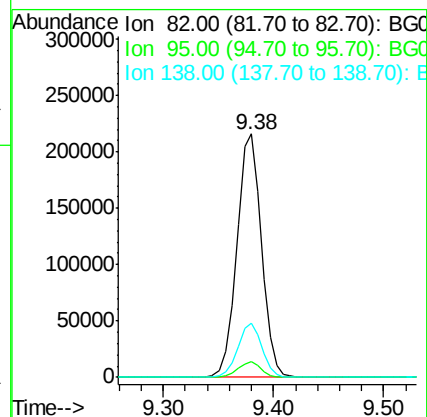
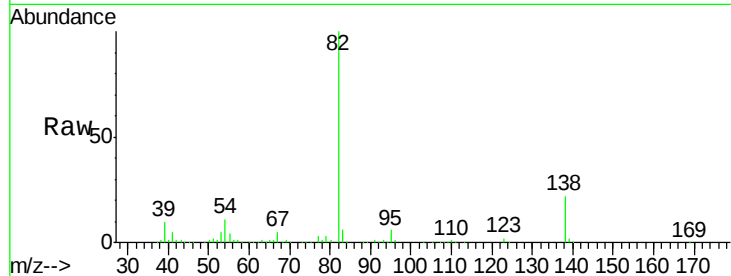




#25
Isophorone
Concen: 31.98 ng
RT: 9.38 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

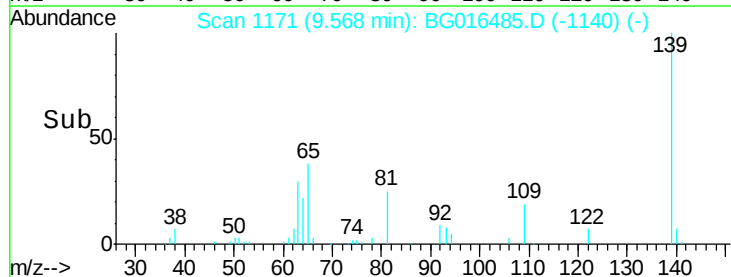
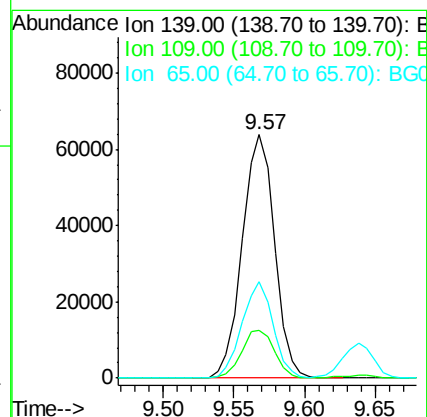
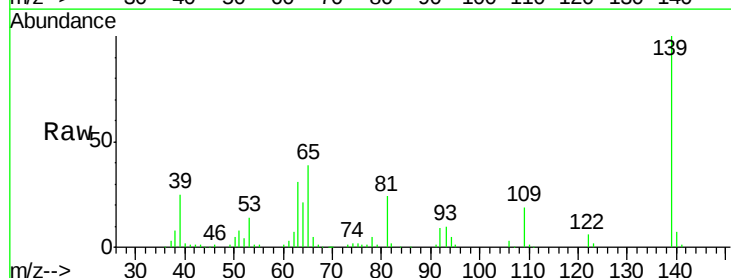
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

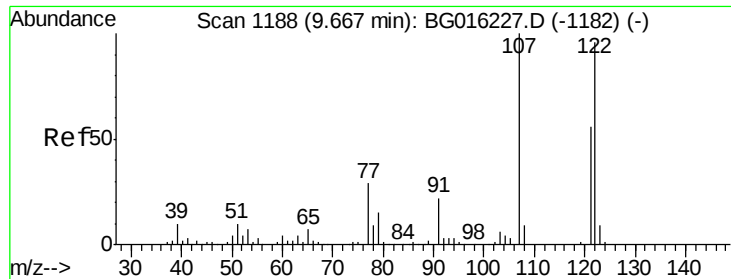
Tgt Ion: 82 Resp: 338159
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.6
138 22.0 16.2 24.2



#26
2-Nitrophenol
Concen: 43.01 ng
RT: 9.57 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion: 139 Resp: 102123
Ion Ratio Lower Upper
139 100
109 19.4 15.9 23.9
65 39.4 32.9 49.3

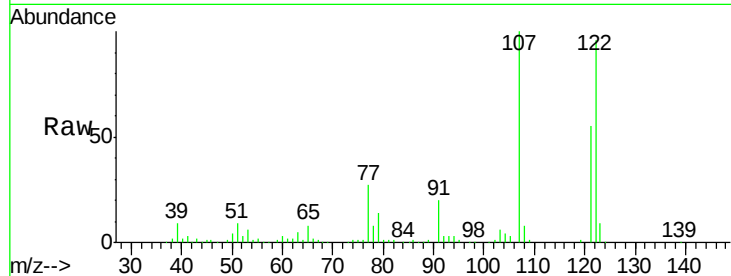




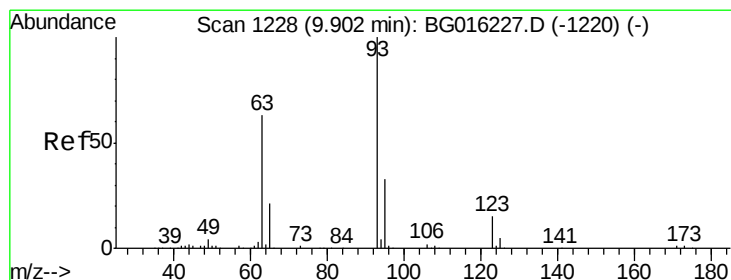
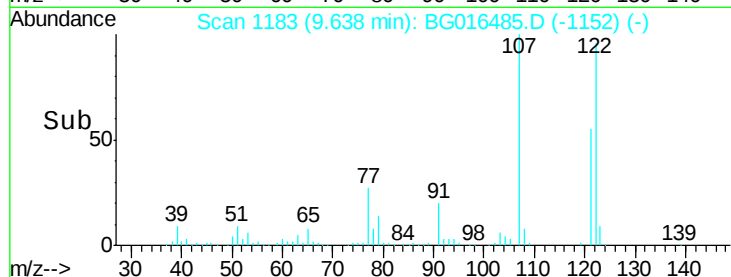
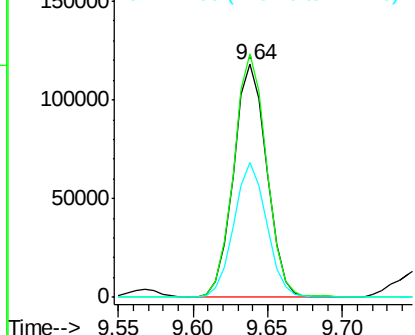
#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 9.64 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:122 Resp: 183179
 Ion Ratio Lower Upper
 122 100
 107 104.6 83.4 125.2
 121 57.7 46.2 69.4

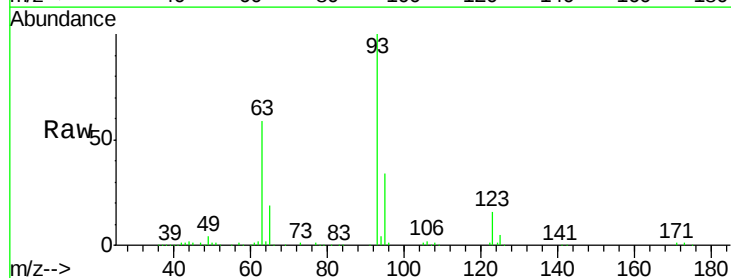


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

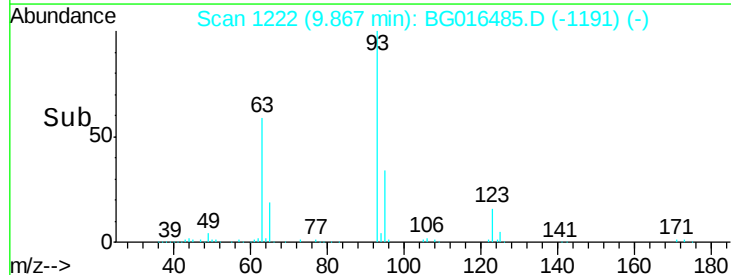
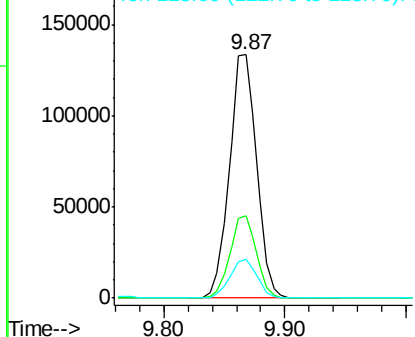


#28
 bis(2-Chloroethoxy)methane
 Concen: 34.64 ng
 RT: 9.87 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion: 93 Resp: 209116
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.1 39.1
 123 16.0 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

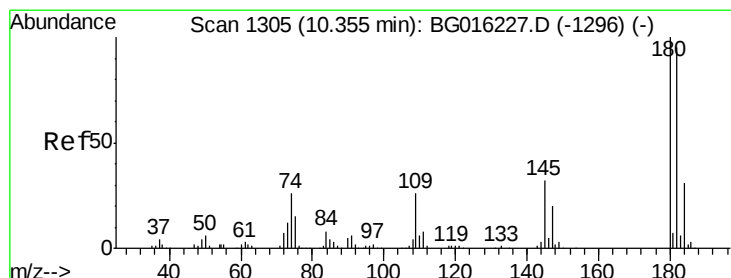
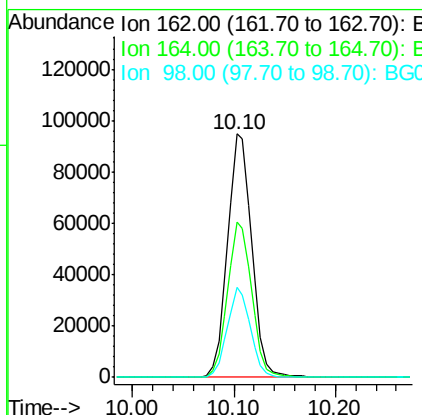
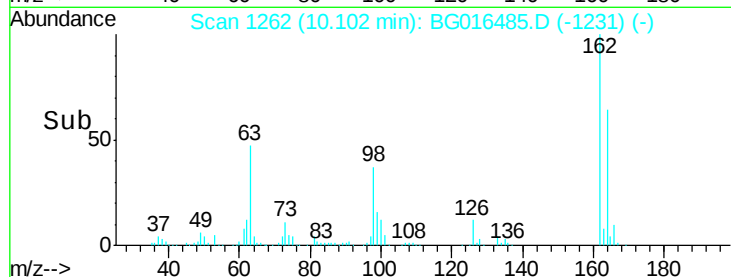
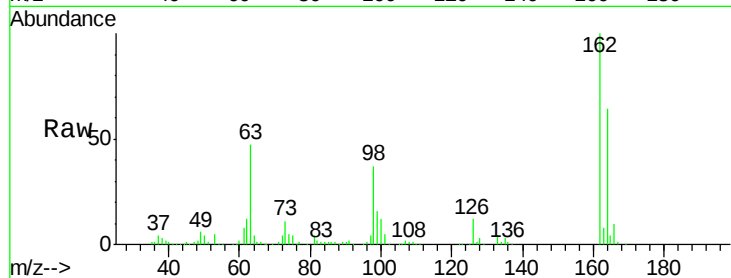




#29
 2,4-Dichlorophenol
 Concen: 44.85 ng
 RT: 10.10 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

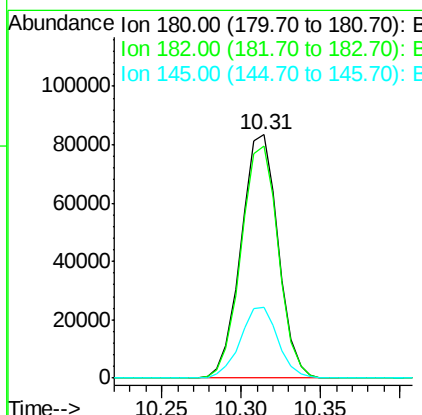
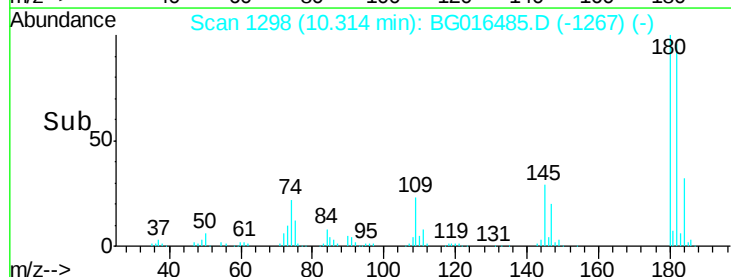
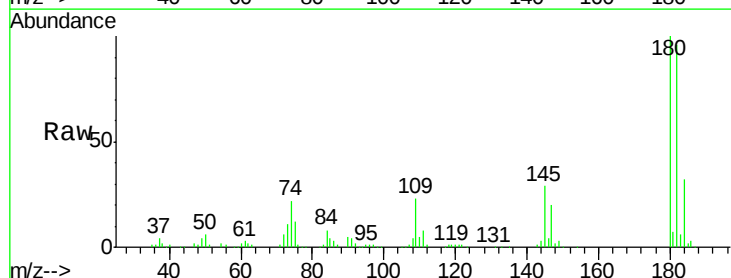
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

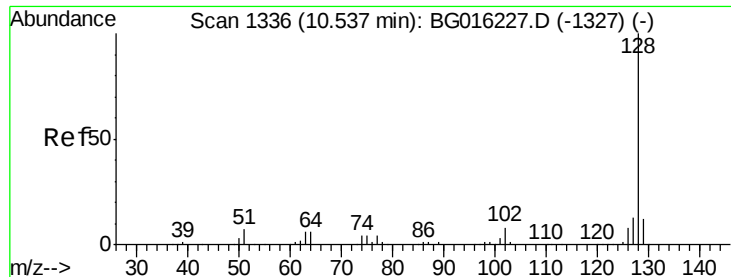
Tgt Ion:162 Resp: 156956
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.0 85.0
 98 37.0 19.1 59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.08 ng
 RT: 10.31 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:180 Resp: 135493
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.3 114.5
 145 29.3 25.2 37.8

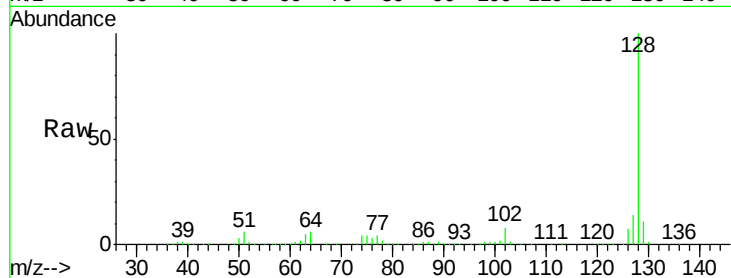




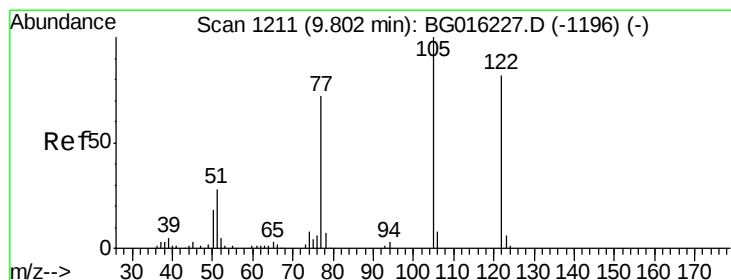
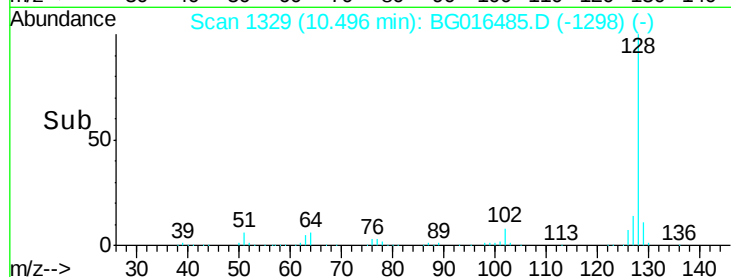
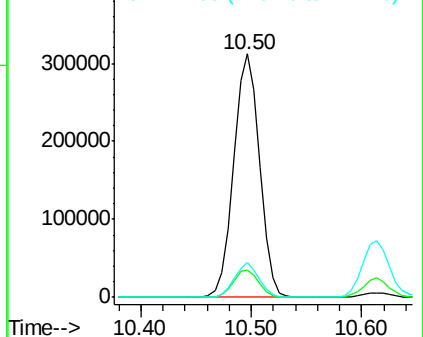
#31
Naphthalene
Concen: 35.54 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

Tgt Ion:128 Resp: 510934
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 14.1 10.6 16.0

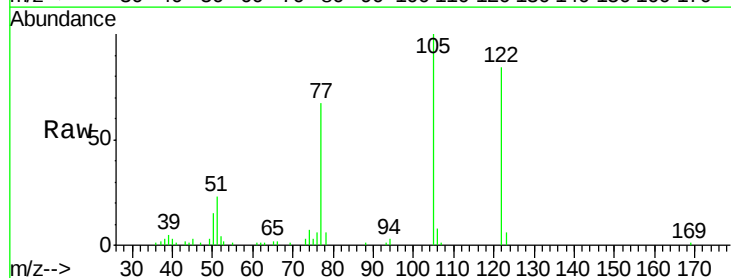


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

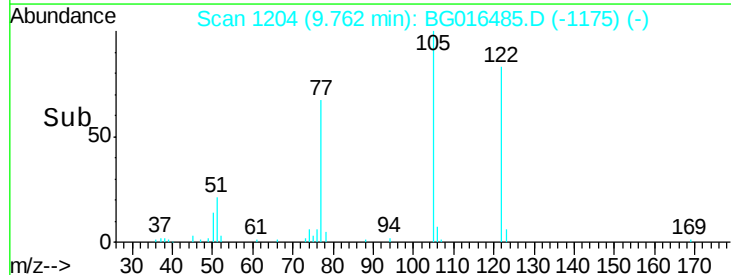
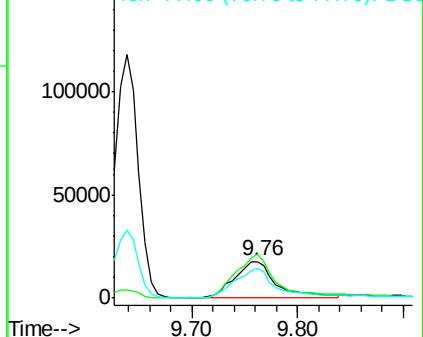


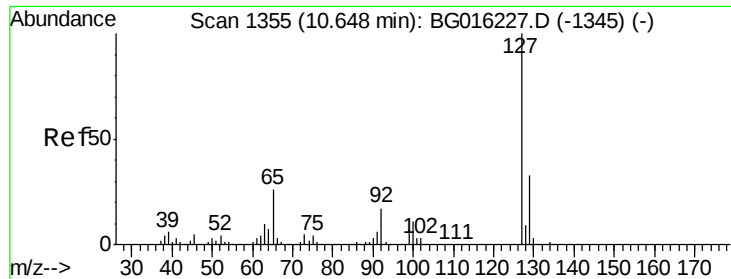
#32
Benzoic acid
Concen: 22.26 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:122 Resp: 47700
Ion Ratio Lower Upper
122 100
105 118.9 99.7 139.7
77 80.1 66.8 106.8



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

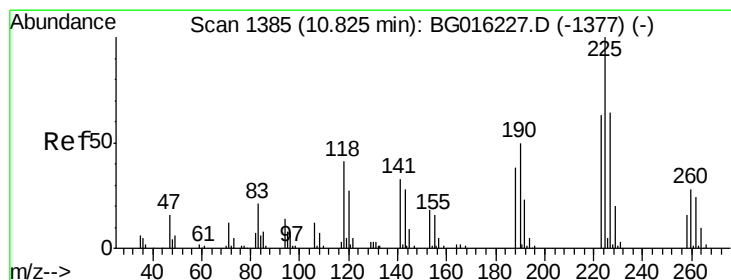
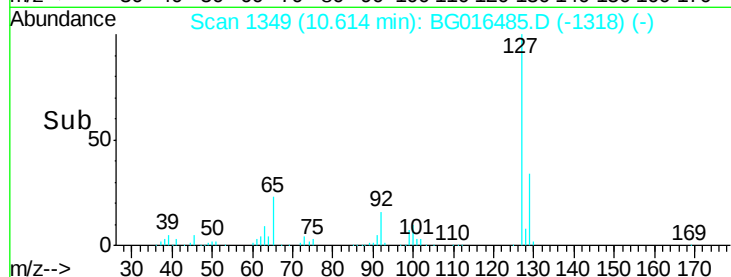
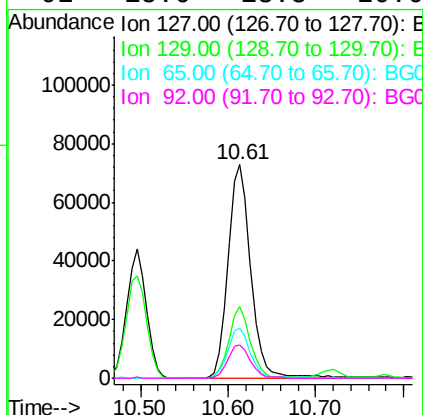
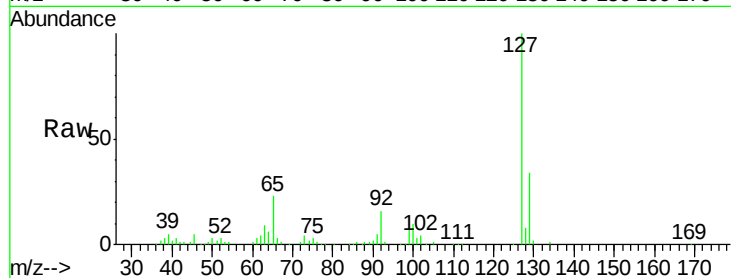




#33
4-Chloroaniline
Concen: 19.18 ng
RT: 10.61 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

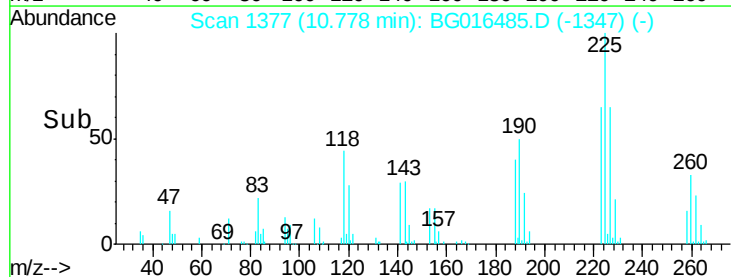
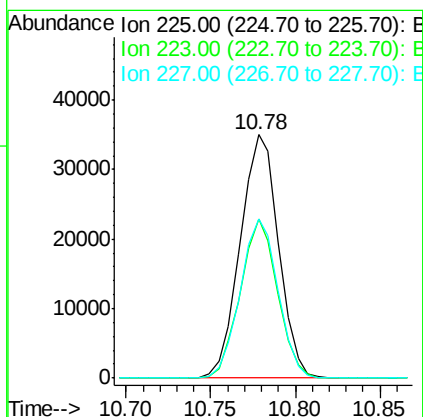
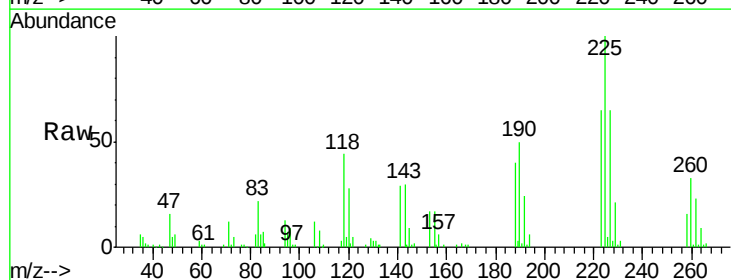
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

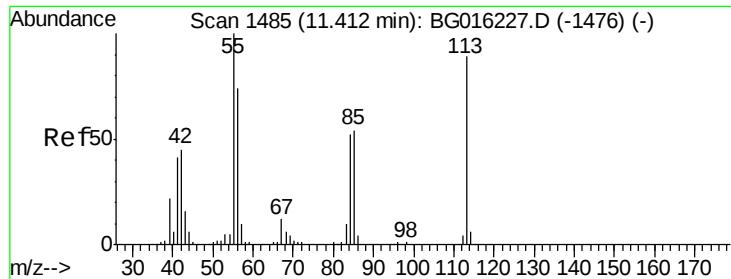
Tgt Ion:	127	Resp:	129370
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.1	39.1
65	23.2	21.2	31.8
92	15.6	13.8	20.6



#34
Hexachlorobutadiene
Concen: 34.38 ng
RT: 10.78 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:	225	Resp:	55181
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.4	75.6
227	65.3	51.2	76.8





#35

Caprolactam

Concen: 23.55 ng

RT: 11.38 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

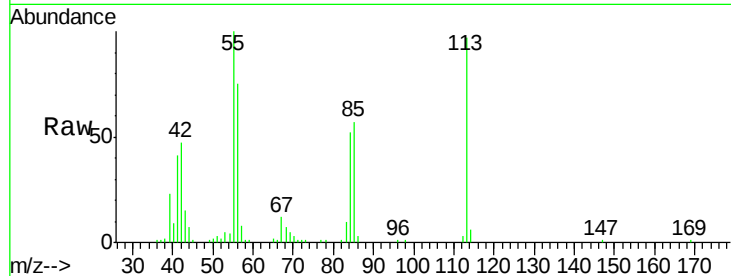
Tgt Ion:113 Resp: 51887

Ion Ratio Lower Upper

113 100

55 103.1 92.4 132.4

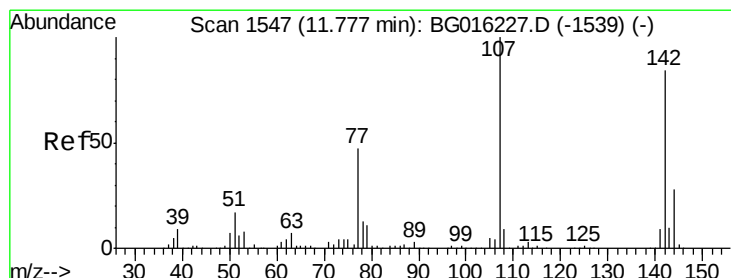
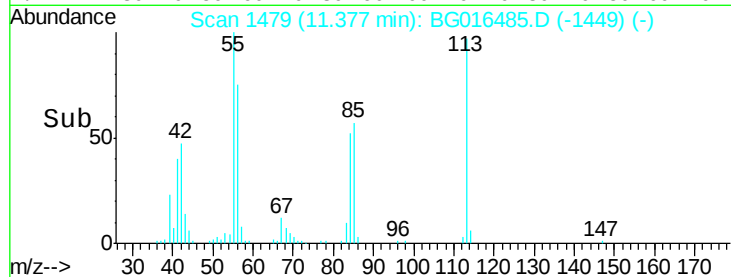
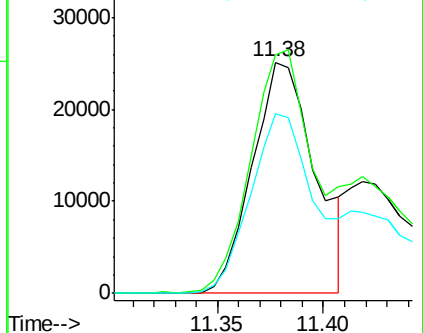
56 77.6 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.46 ng

RT: 11.75 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

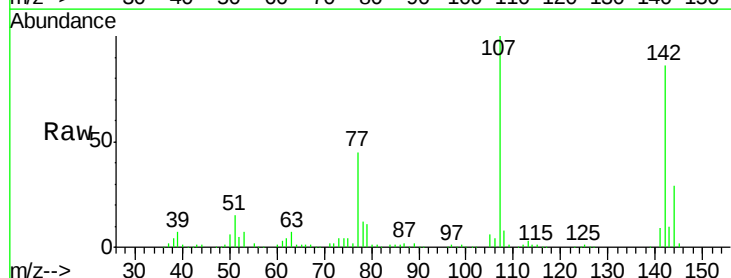
Tgt Ion:107 Resp: 182461

Ion Ratio Lower Upper

107 100

144 29.0 22.0 33.0

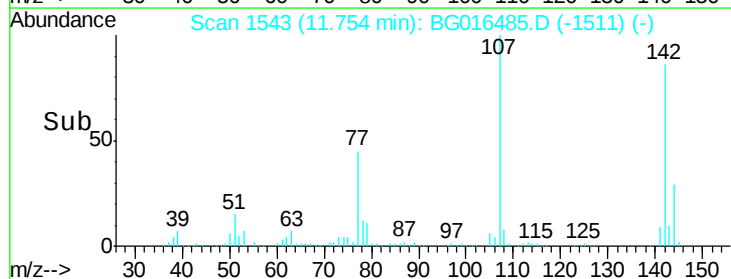
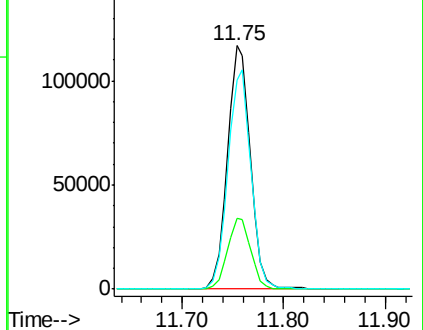
142 86.0 67.0 100.6

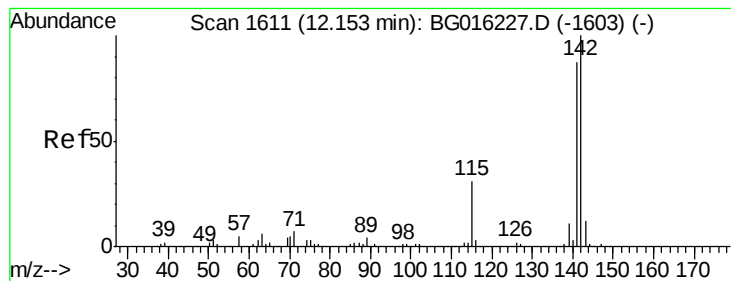


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.00 ng

RT: 12.11 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

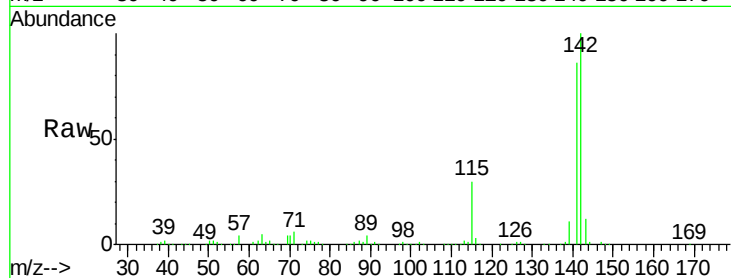
Tgt Ion:142 Resp: 361869

Ion Ratio Lower Upper

142 100

141 86.0 69.3 103.9

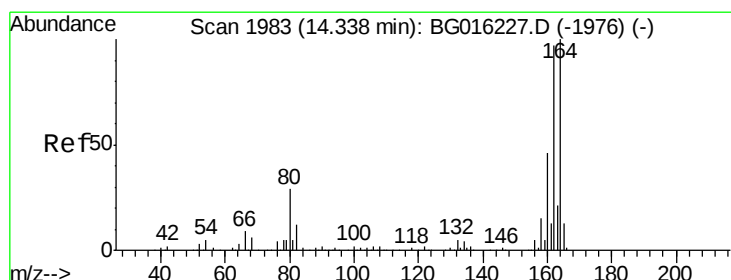
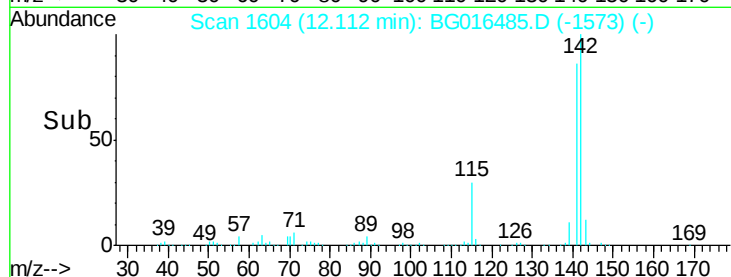
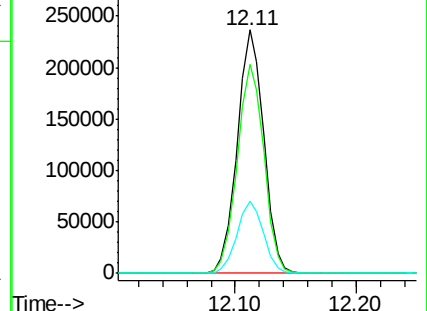
115 29.6 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

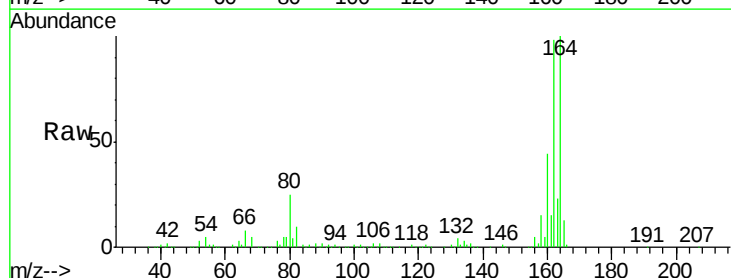
Tgt Ion:164 Resp: 163905

Ion Ratio Lower Upper

164 100

162 97.7 77.3 115.9

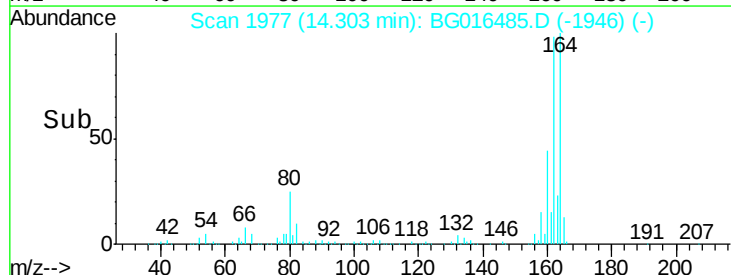
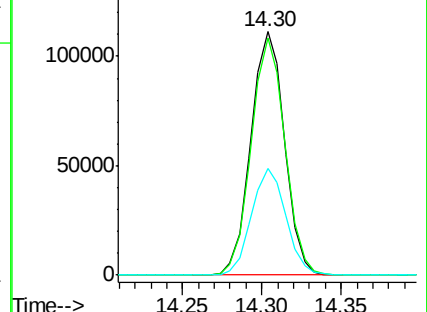
160 43.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.88 ng

RT: 12.49 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

Tgt Ion:216 Resp: 125861

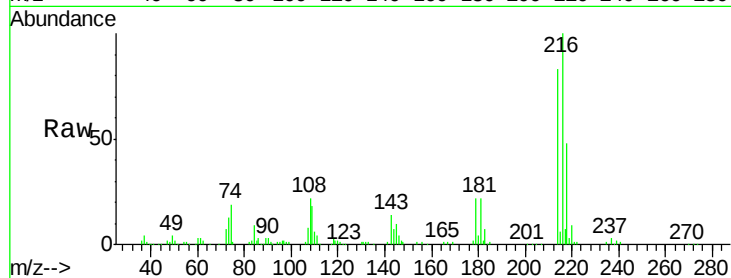
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.0

179 22.9 18.2 27.2

108 24.4 21.2 31.8

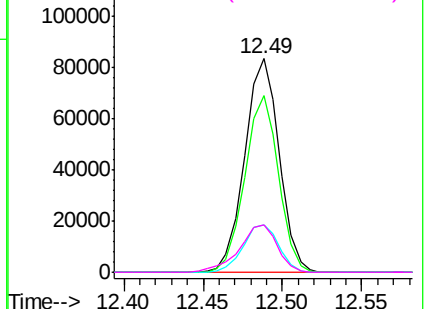
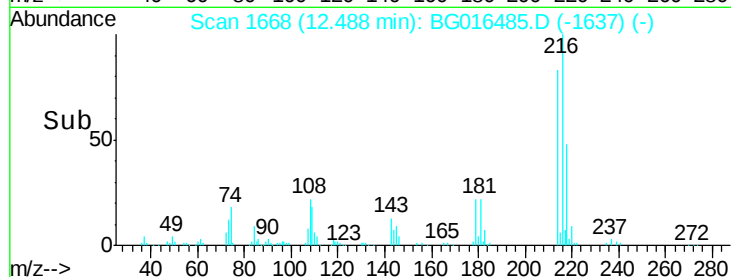


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.08 ng

RT: 12.46 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

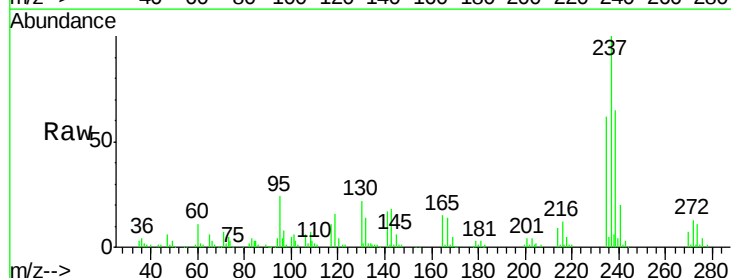
Tgt Ion:237 Resp: 82724

Ion Ratio Lower Upper

237 100

235 61.8 43.9 83.9

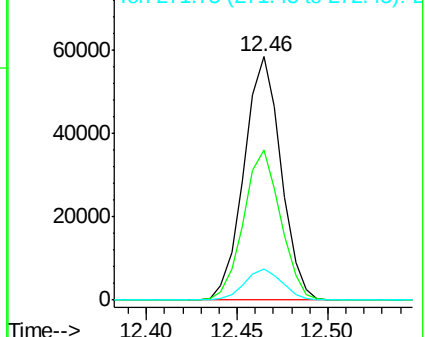
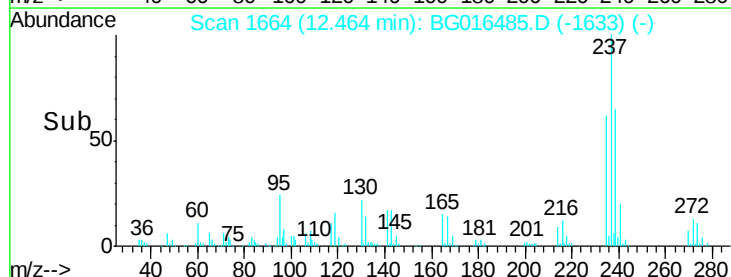
272 12.6 0.0 33.1

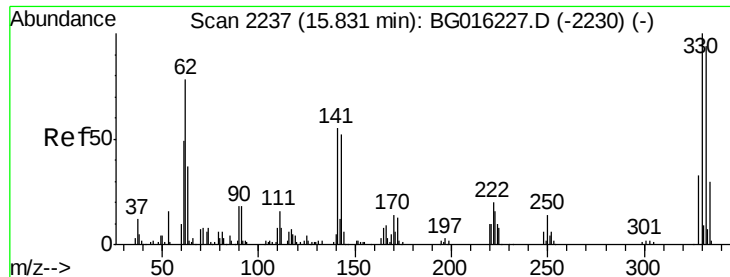


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

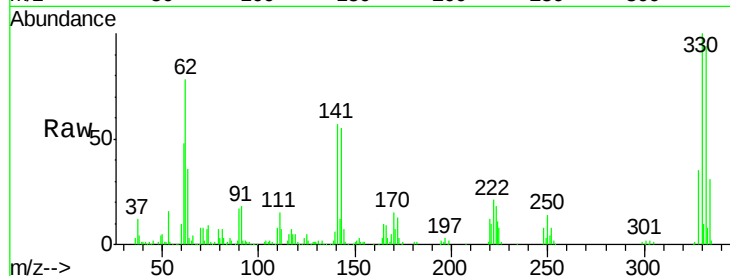




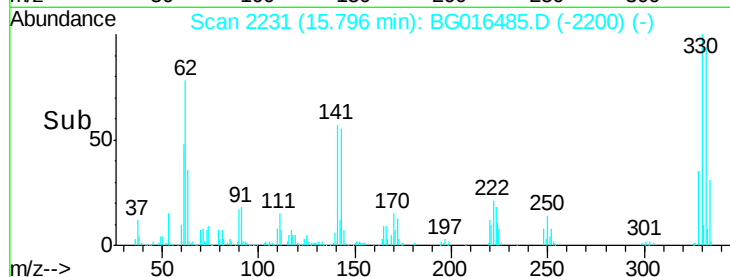
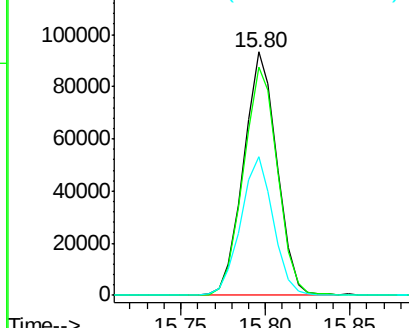
#41
 2,4,6-Tribromophenol
 Concen: 115.79 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:330 Resp: 128348
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 55.8 46.6 69.8

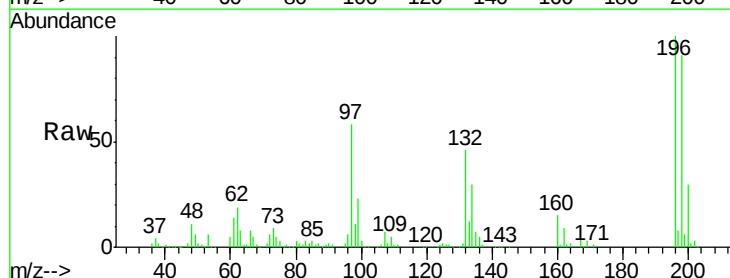


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

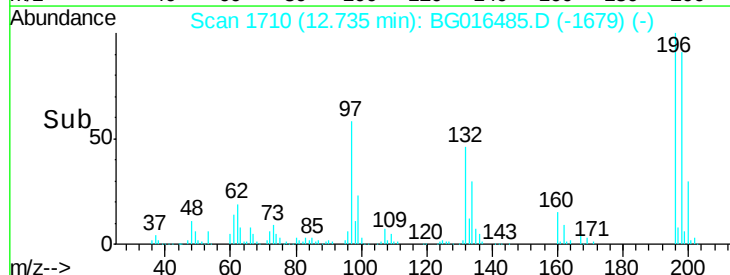
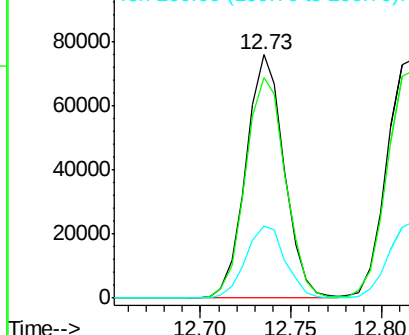


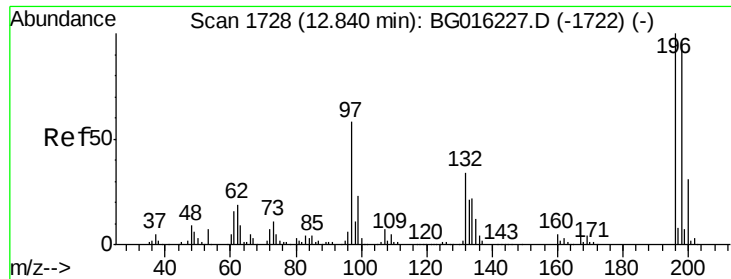
#42
 2,4,6-Trichlorophenol
 Concen: 41.37 ng
 RT: 12.73 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:196 Resp: 110940
 Ion Ratio Lower Upper
 196 100
 198 90.5 77.2 115.8
 200 29.5 25.3 37.9



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

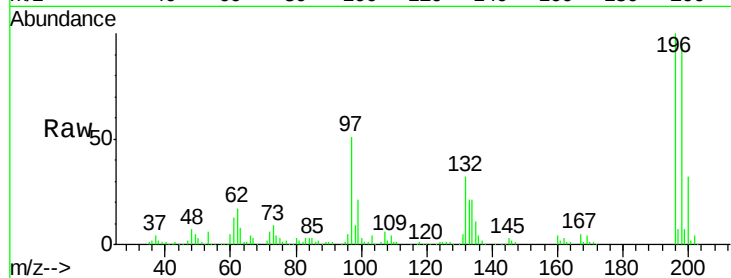




#43
 2,4,5-Trichlorophenol
 Concen: 41.59 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion	Resp	Lower	Upper
196	119159		
198	95.3	77.1	115.7
97	50.8	46.6	69.8
132	32.0	27.0	40.6



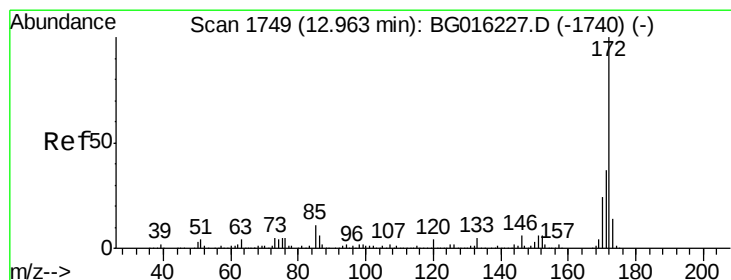
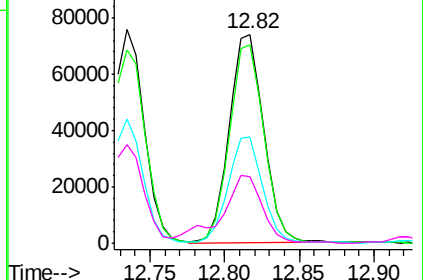
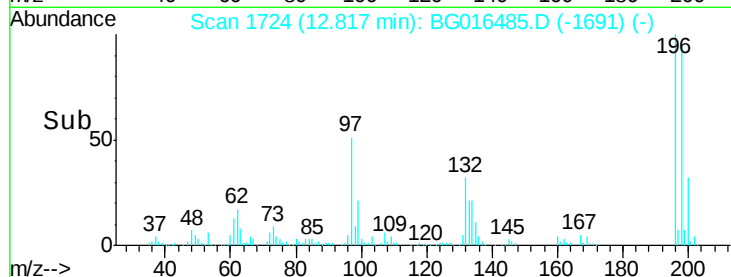
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

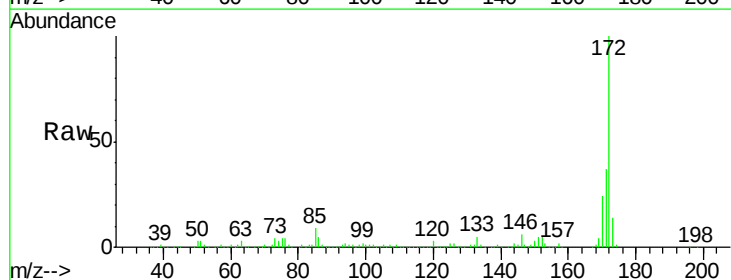
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.50 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion	Resp	Lower	Upper
172	601715		
171	37.1	29.6	44.4
170	24.5	19.4	29.2

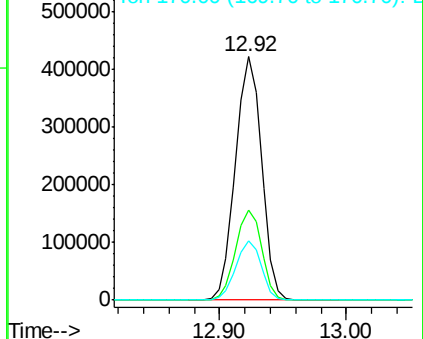
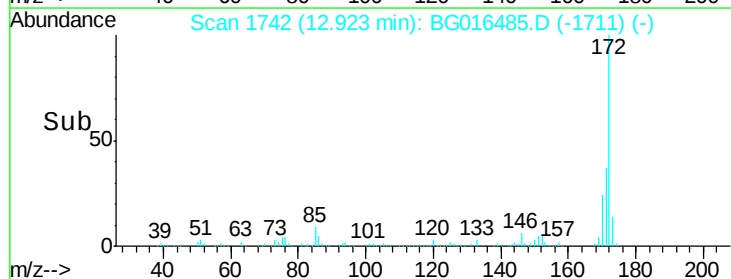


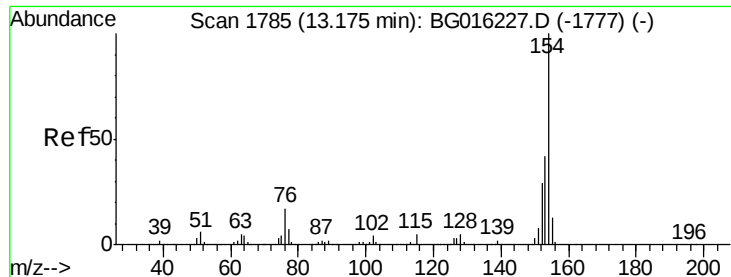
Abundance

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

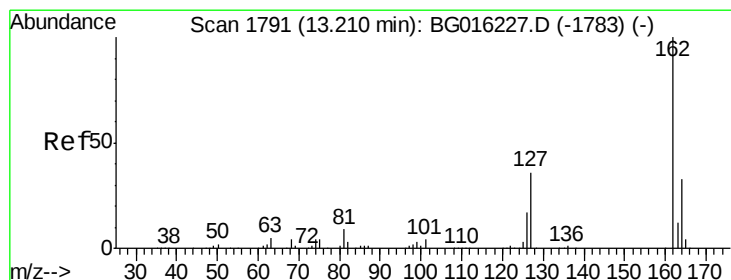
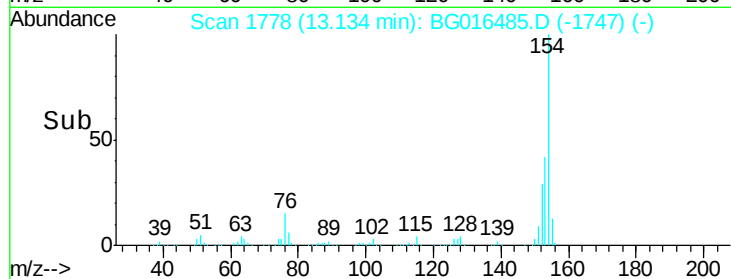
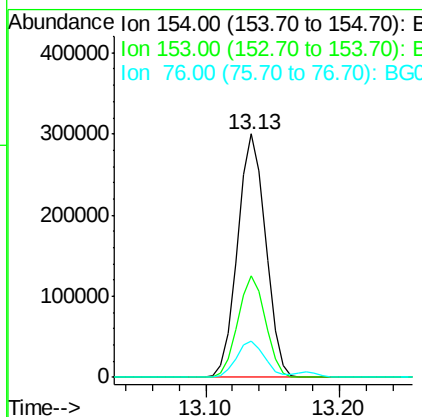
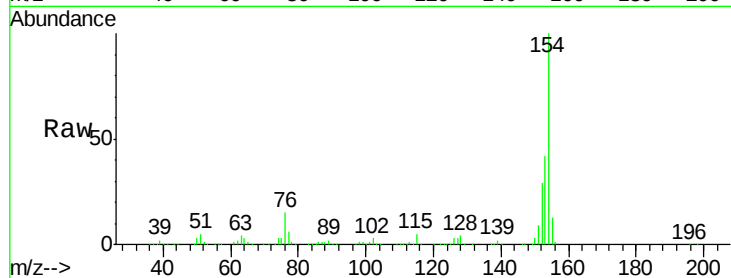




#45
 1,1'-Biphenyl
 Concen: 34.71 ng
 RT: 13.13 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

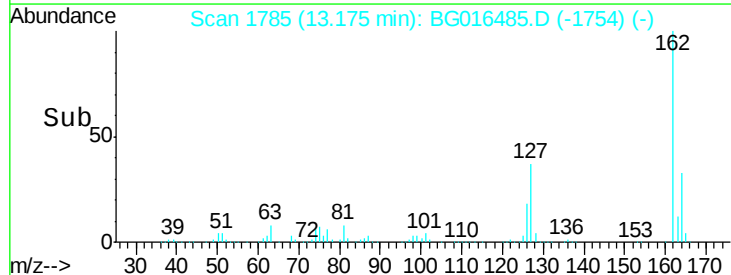
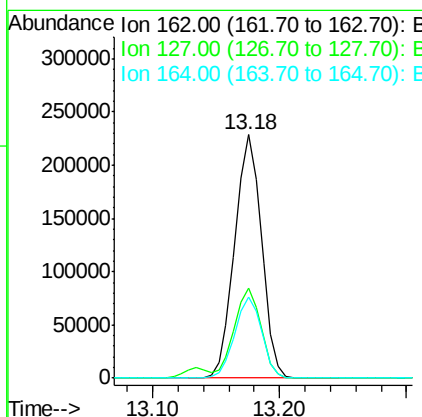
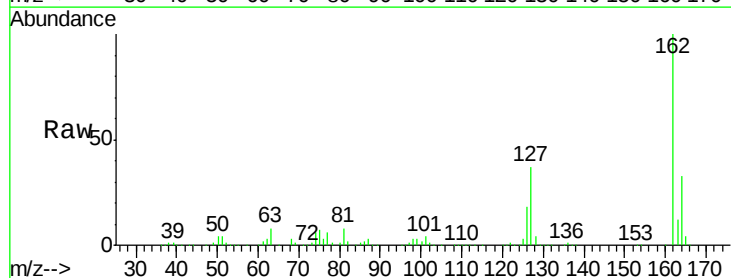
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:154 Resp: 436363
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.4 62.4
 76 15.0 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 34.90 ng
 RT: 13.18 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:162 Resp: 334288
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.8 46.2
 164 33.1 26.6 40.0

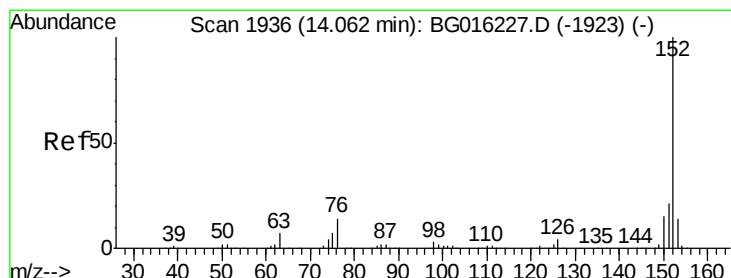
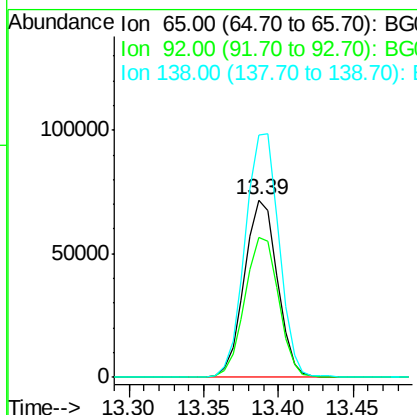
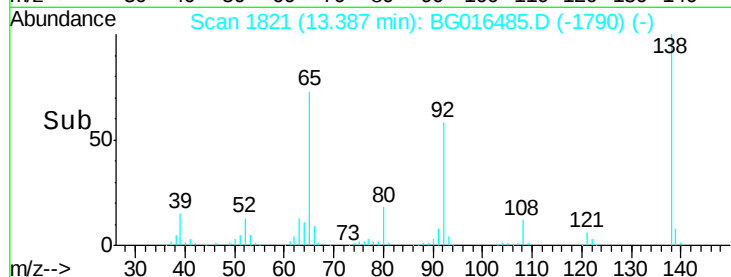
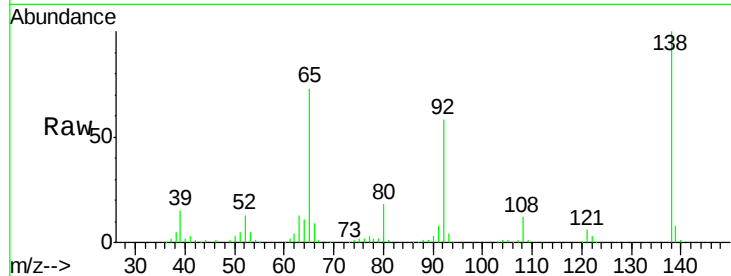




#47
 2-Nitroaniline
 Concen: 35.75 ng
 RT: 13.39 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

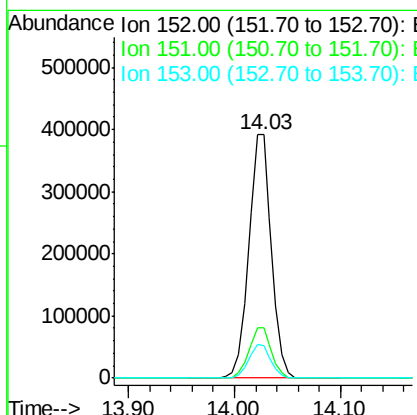
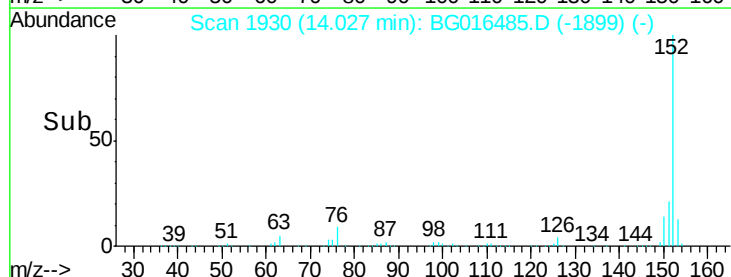
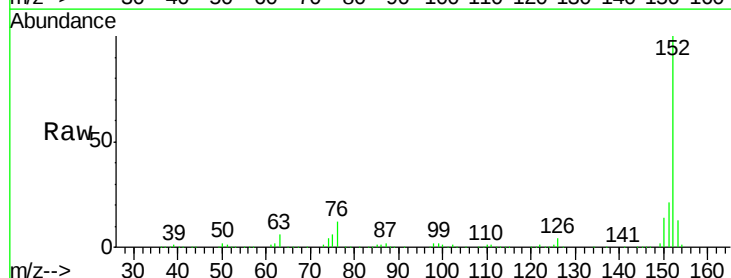
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

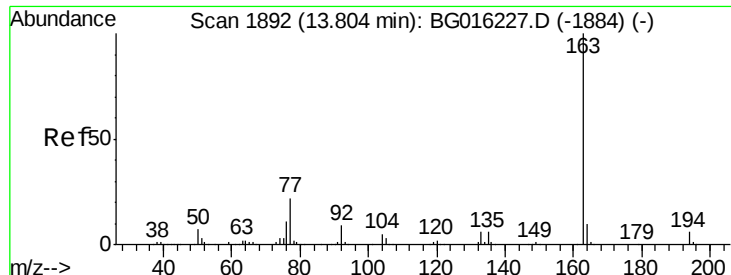
Tgt Ion: 65 Resp: 110372
 Ion Ratio Lower Upper
 65 100
 92 79.3 61.0 91.6
 138 136.8 98.7 148.1



#48
 Acenaphthylene
 Concen: 34.03 ng
 RT: 14.03 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion: 152 Resp: 579596
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.5 24.7
 153 13.2 11.1 16.7





#49

Dimethylphthalate

Concen: 43.07 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

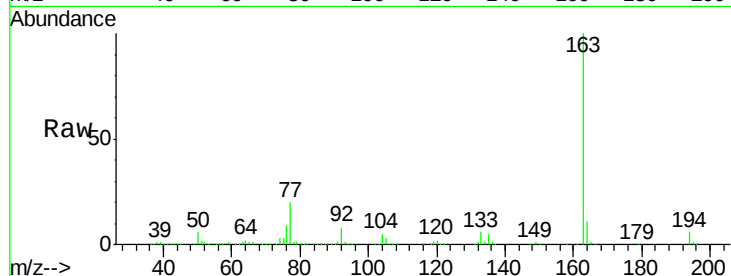
Tgt Ion:163 Resp: 517407

Ion Ratio Lower Upper

163 100

194 6.5 5.0 7.4

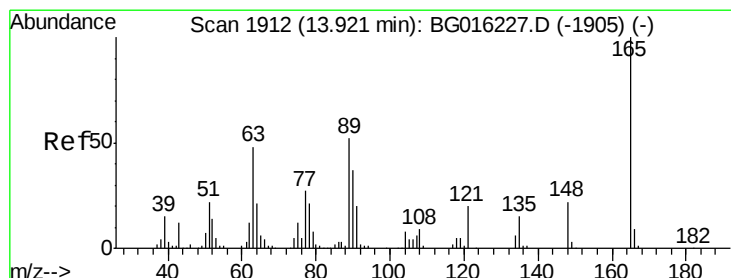
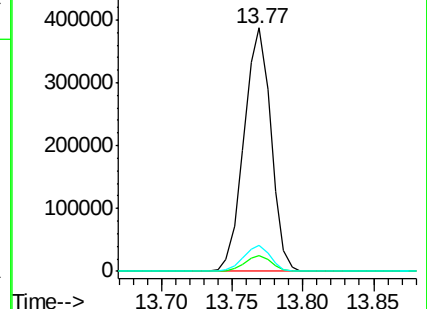
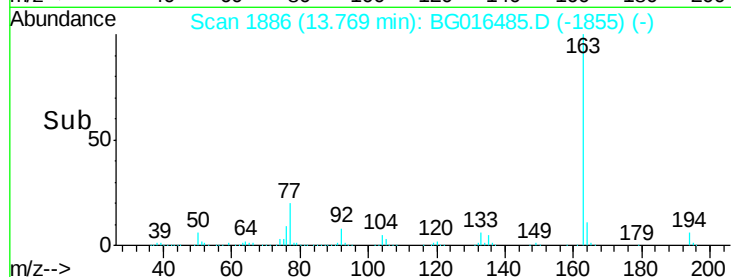
164 10.6 8.2 12.4



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: 37.83 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

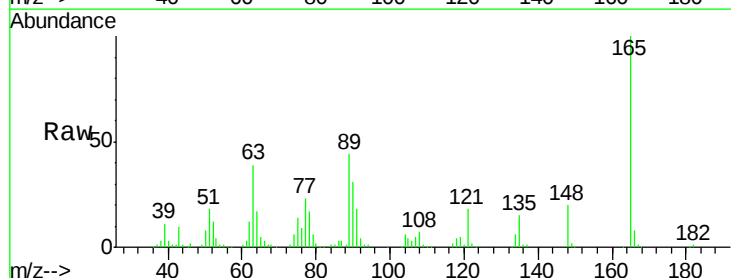
Tgt Ion:165 Resp: 109922

Ion Ratio Lower Upper

165 100

63 38.6 39.3 58.9#

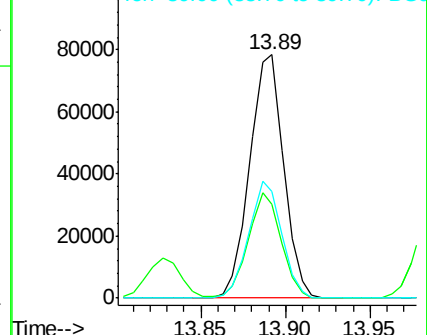
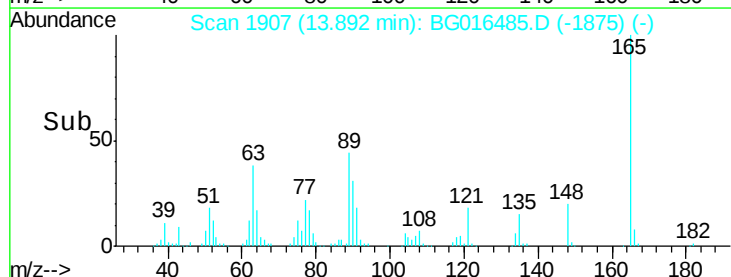
89 44.0 41.3 61.9

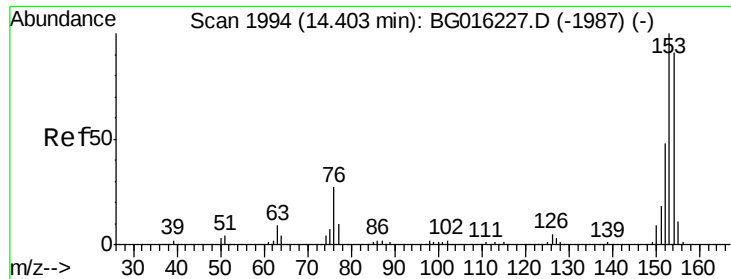


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 34.03 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

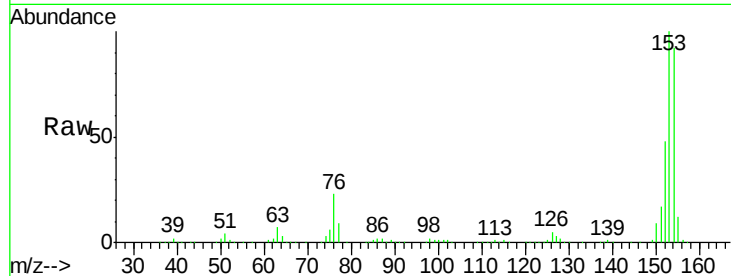
Tgt Ion:154 Resp: 346372

Ion Ratio Lower Upper

154 100

153 109.1 87.5 131.3

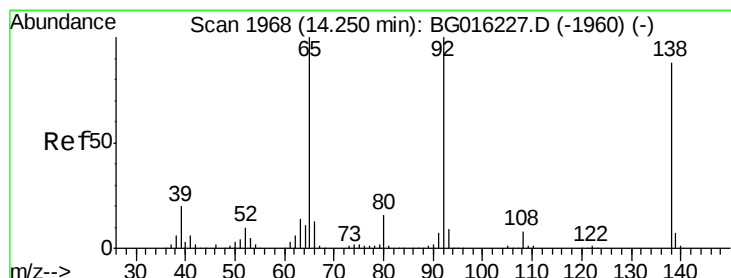
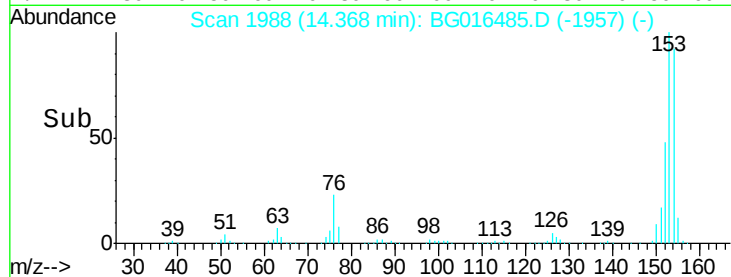
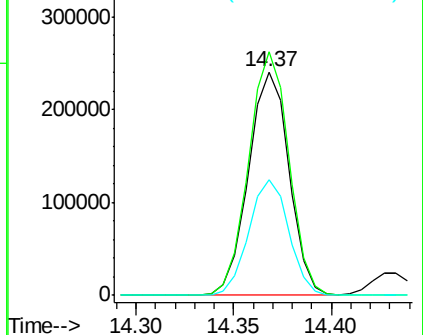
152 51.9 42.1 63.1



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: 25.62 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

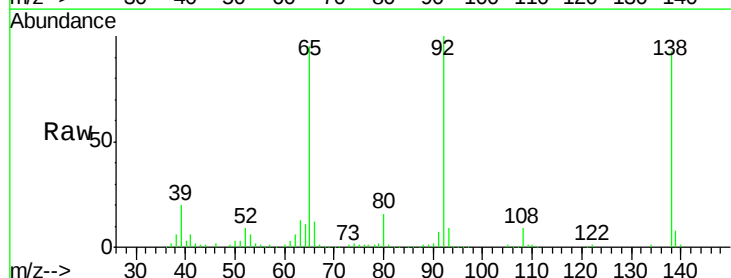
Tgt Ion:138 Resp: 95048

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

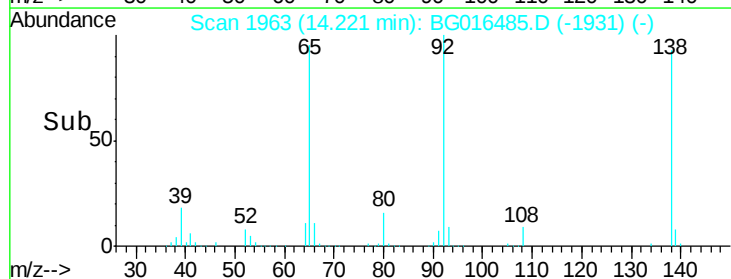
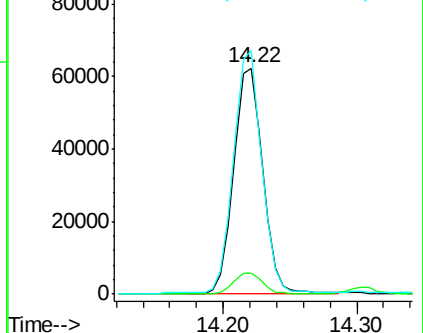
92 107.8 91.4 137.0



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

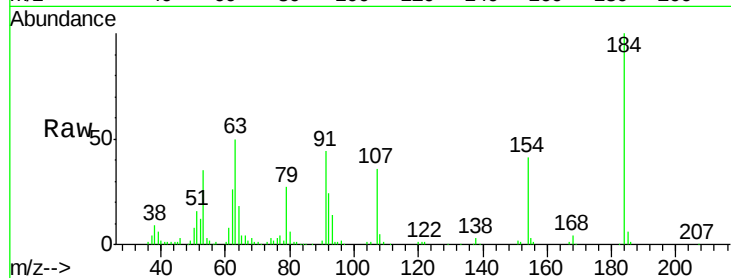




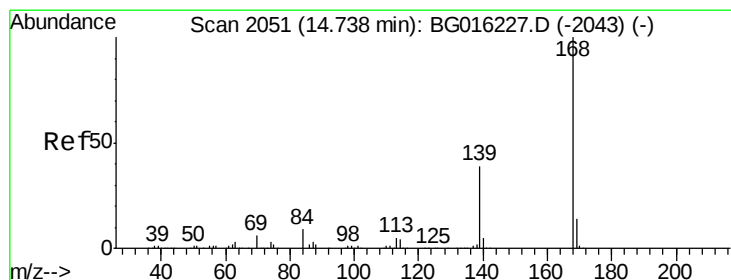
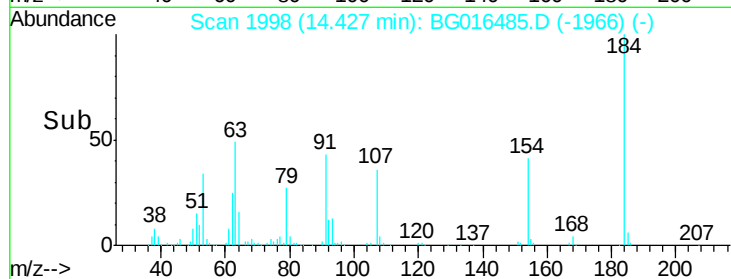
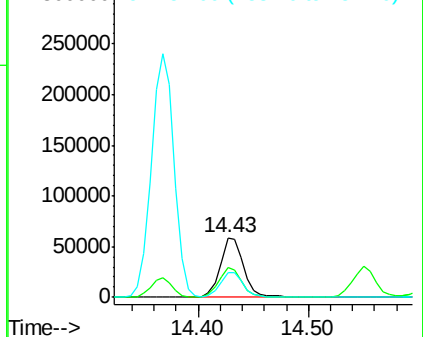
#53
2,4-Dinitrophenol
Concen: 55.13 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

Tgt Ion:184 Resp: 87868
Ion Ratio Lower Upper
184 100
63 50.5 45.8 68.6
154 41.2 34.5 51.7

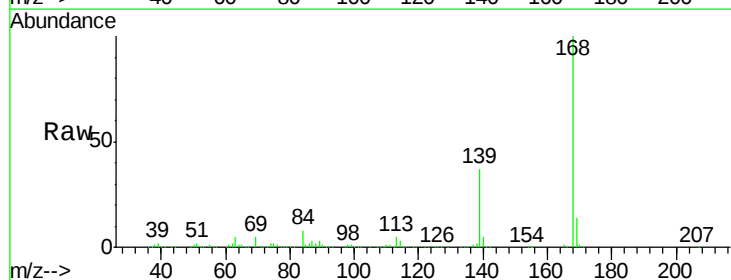


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

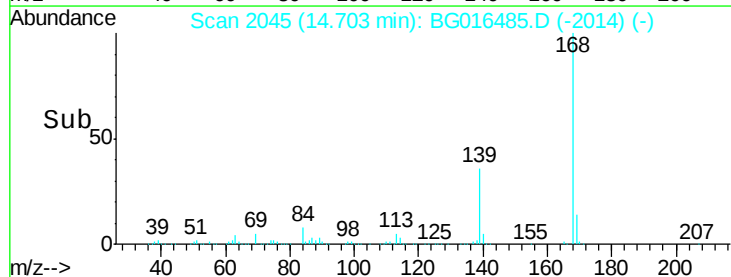
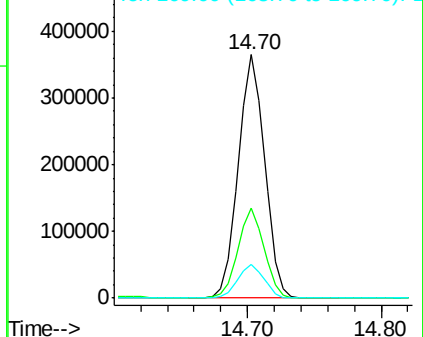


#54
Dibenzofuran
Concen: 35.34 ng
RT: 14.70 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:168 Resp: 499186
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.6
169 14.1 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

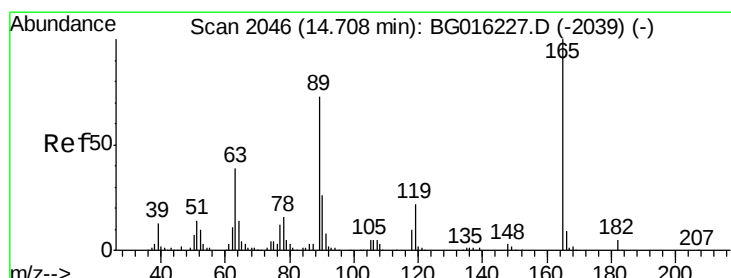
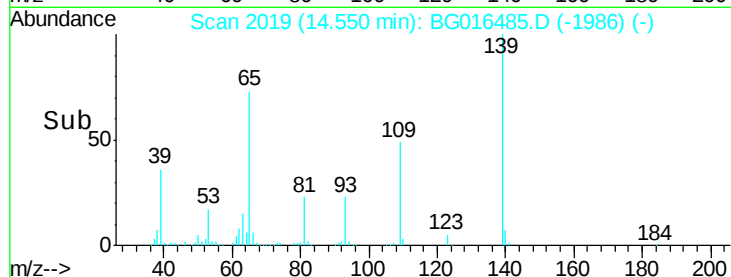
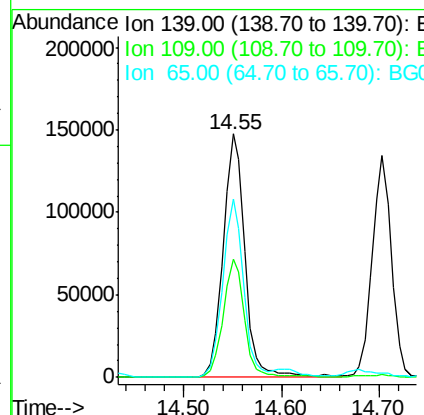
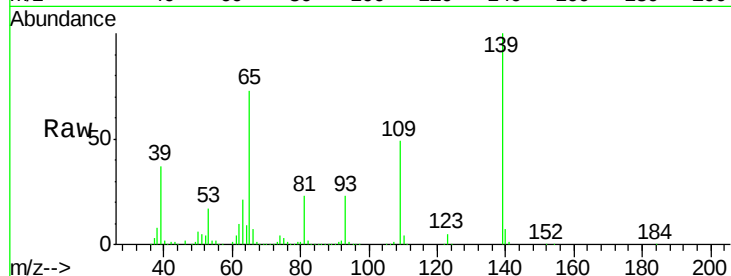




#55
4-Nitrophenol
Concen: 74.49 ng
RT: 14.55 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

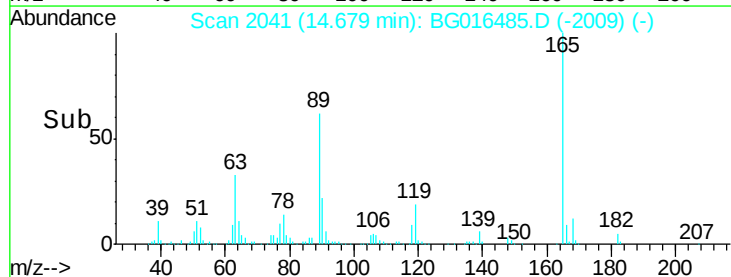
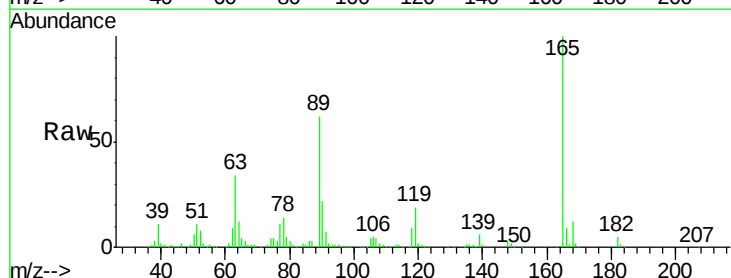
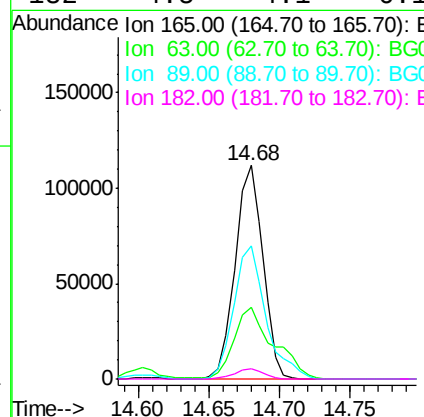
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.7	28.5	68.5
65	73.1	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 38.75 ng
RT: 14.68 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.5	31.4	47.2
89	62.4	58.8	88.2
182	4.5	4.1	6.1





#57

Fluorene

Concen: 34.86 ng

RT: 15.36 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

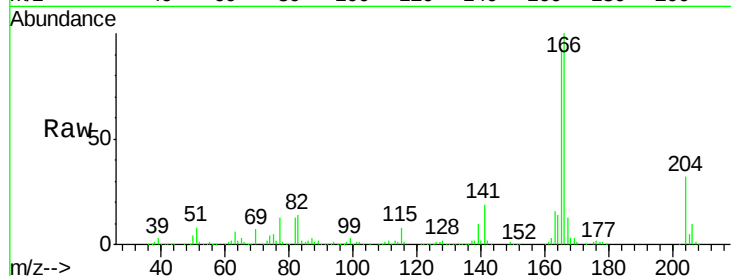
Tgt Ion:166 Resp: 434287

Ion Ratio Lower Upper

166 100

165 92.9 75.2 112.8

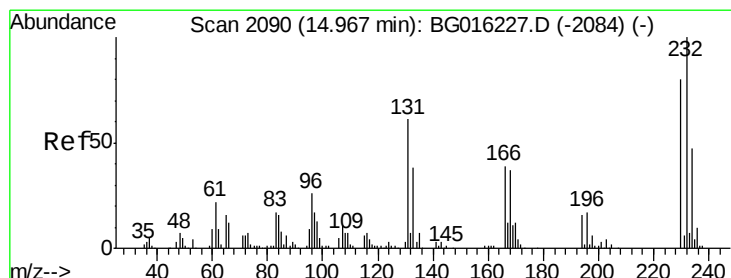
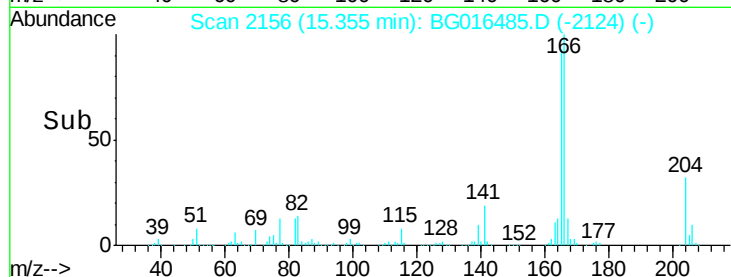
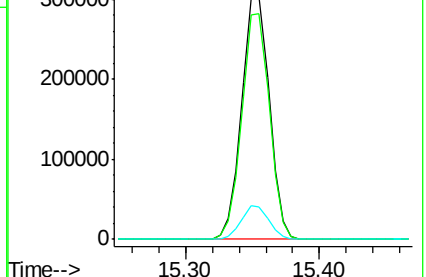
167 13.1 11.3 16.9



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: 41.98 ng

RT: 14.94 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Tgt Ion:232 Resp: 92815

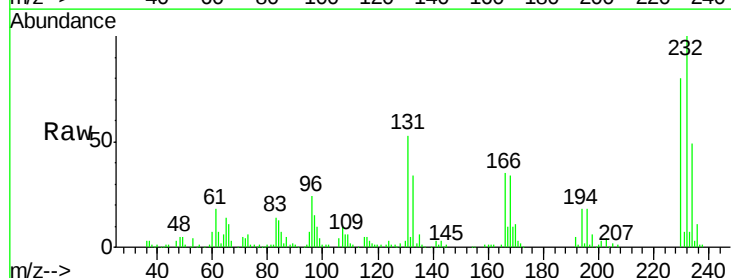
Ion Ratio Lower Upper

232 100

131 55.7 49.8 74.6

130 4.3 2.6 3.8#

166 36.2 30.6 45.8

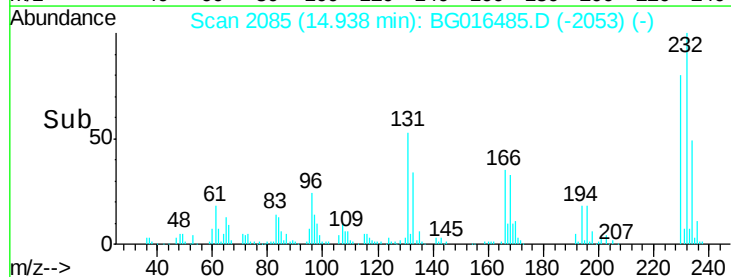
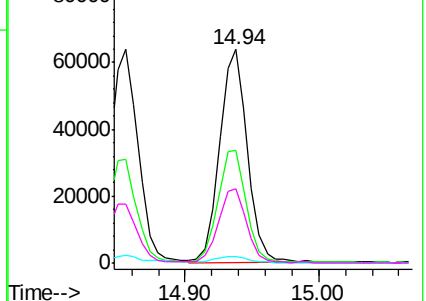


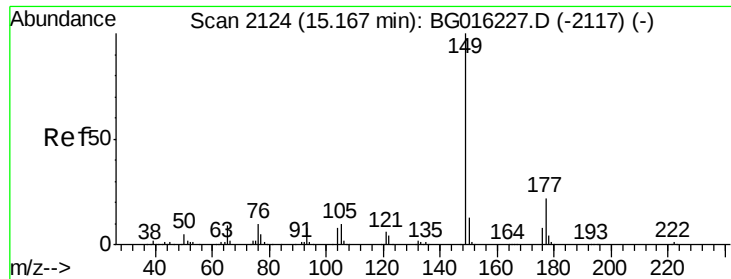
Abundance Ion 232.00 (231.70 to 232.70): E

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

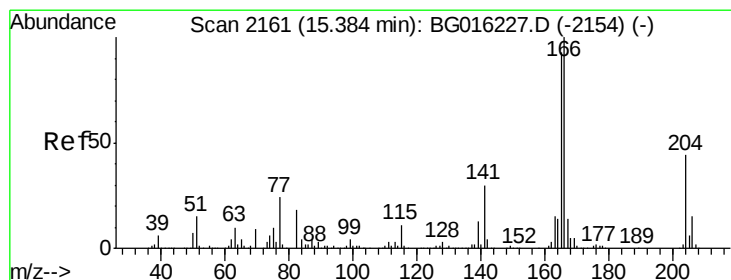
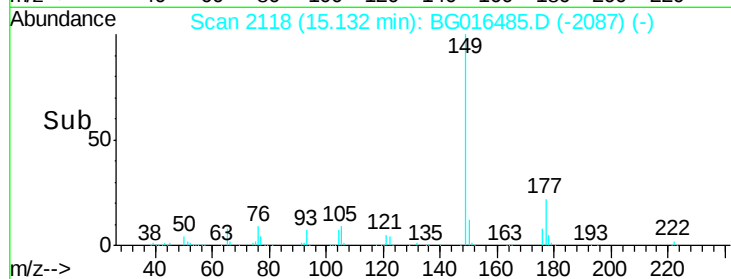
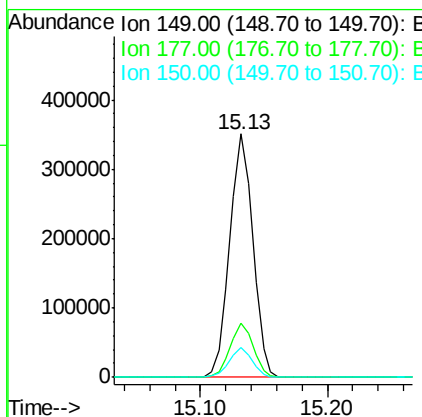
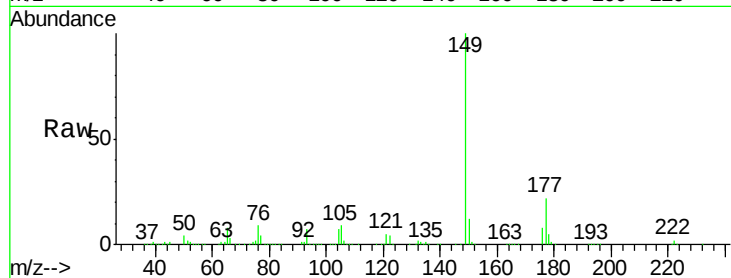




#59
Diethylphthalate
Concen: 34.71 ng
RT: 15.13 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

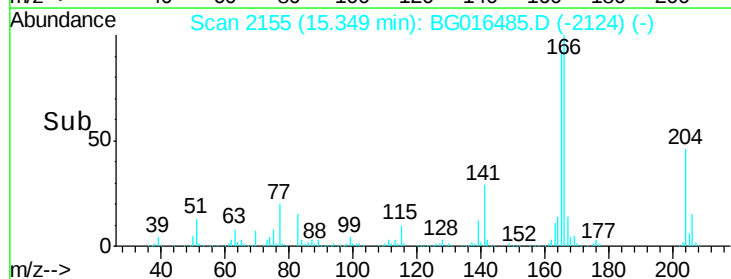
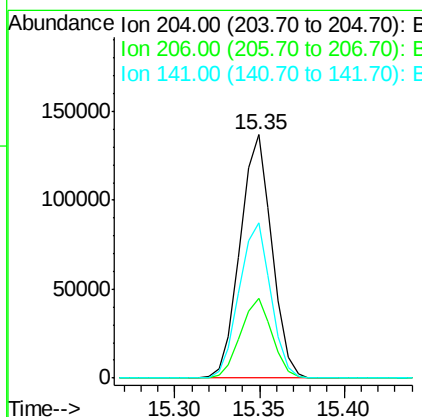
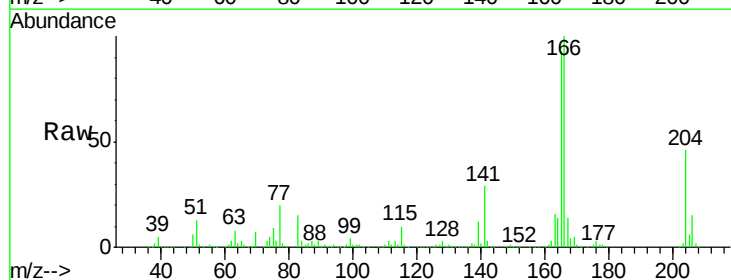
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

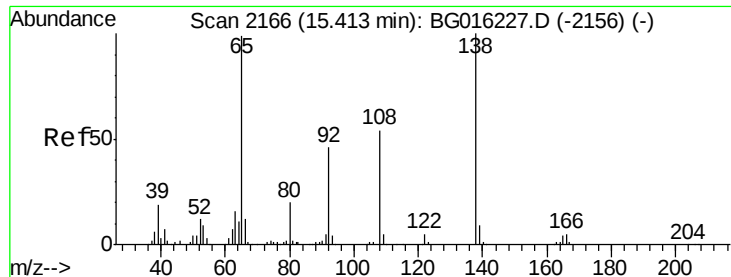
Tgt Ion:149 Resp: 443808
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 35.05 ng
RT: 15.35 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:204 Resp: 178646
Ion Ratio Lower Upper
204 100
206 32.9 27.6 41.4
141 63.7 55.4 83.2





#61

4-Nitroaniline

Concen: 33.45 ng

RT: 15.38 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

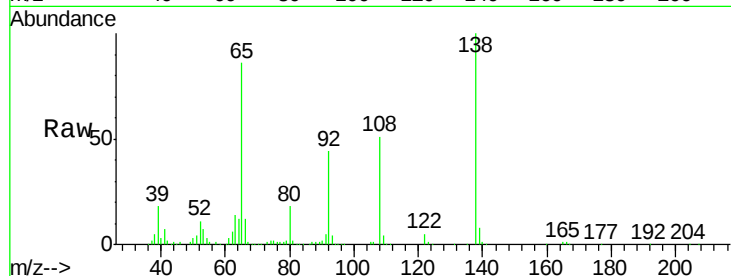
Tgt Ion:138 Resp: 140879

Ion Ratio Lower Upper

138 100

92 44.0 26.3 66.3

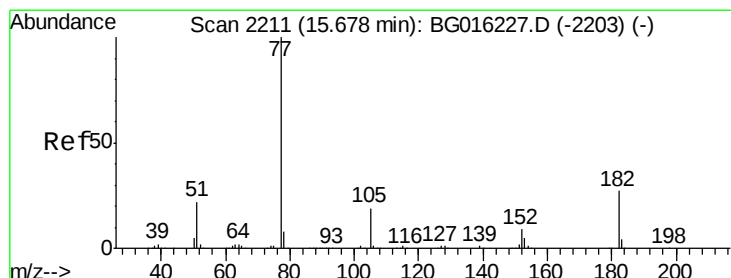
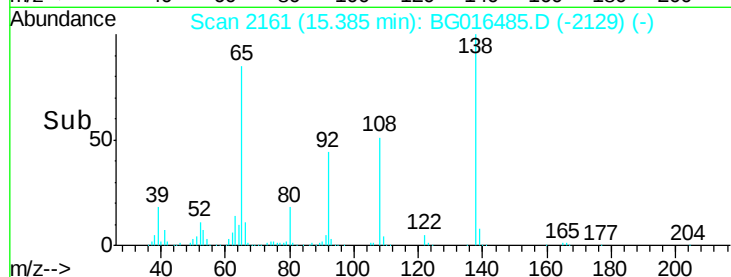
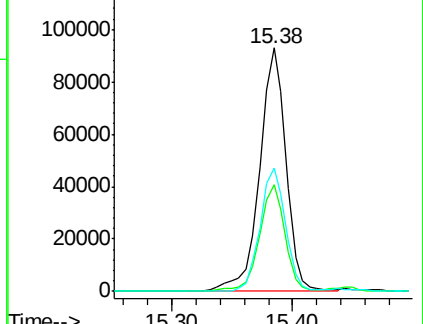
108 50.6 33.6 73.6



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: 30.67 ng

RT: 15.64 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Tgt Ion: 77 Resp: 417400

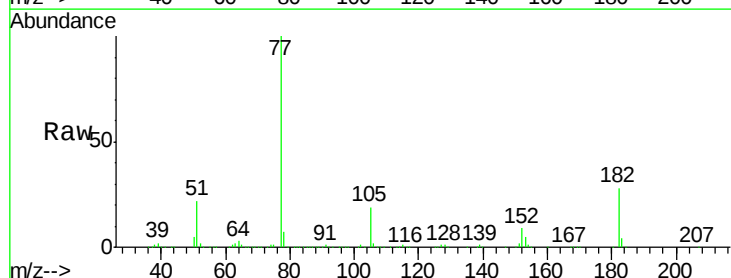
Ion Ratio Lower Upper

77 100

182 27.7 6.6 46.6

105 19.2 0.0 39.2

51 21.7 2.0 42.0

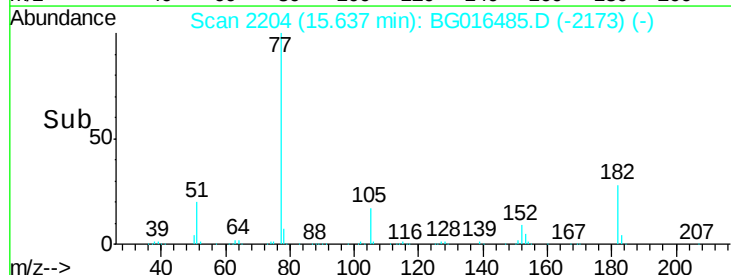
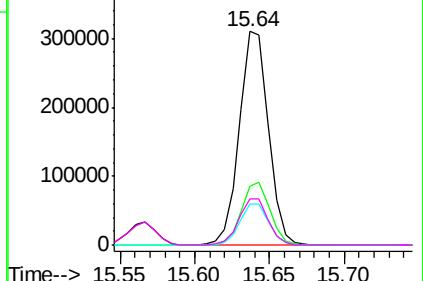


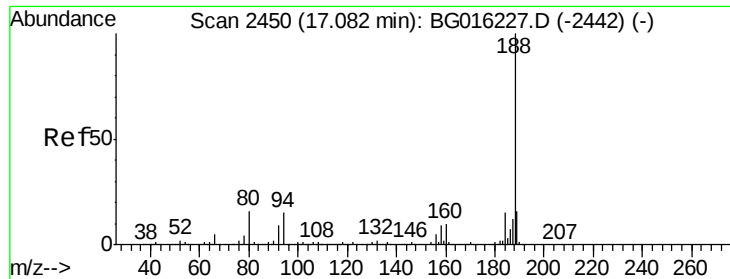
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

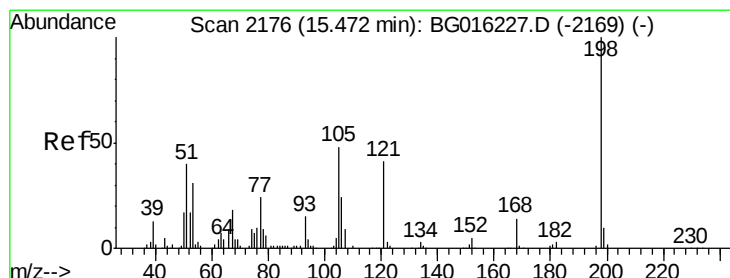
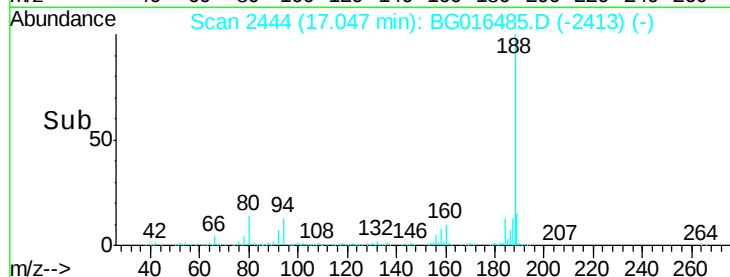
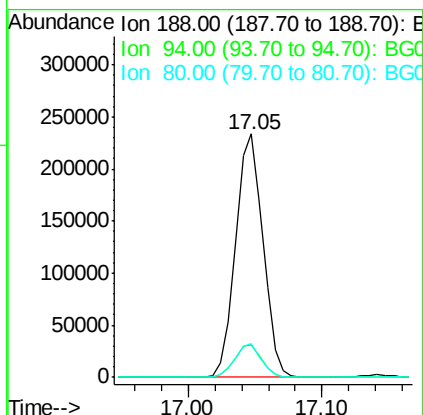
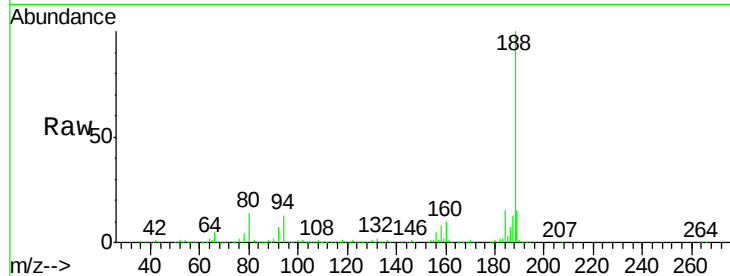




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

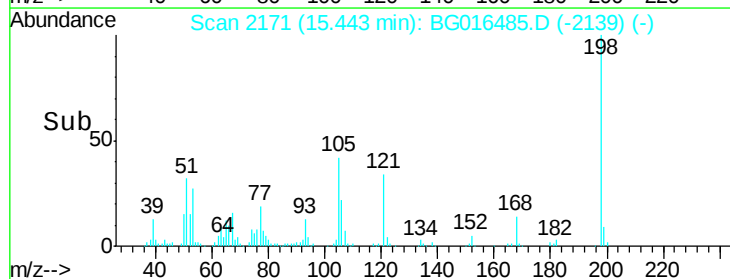
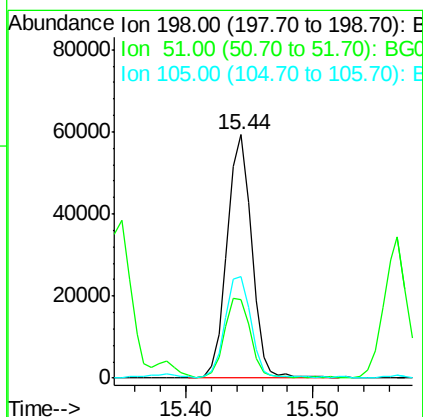
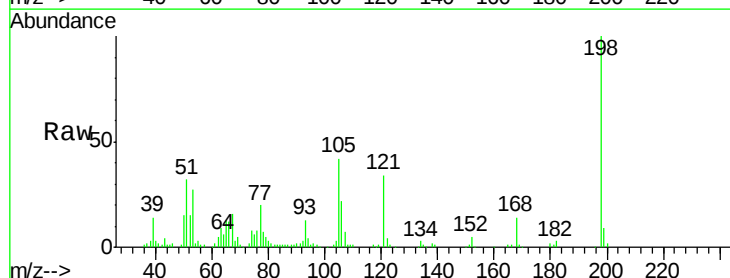
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

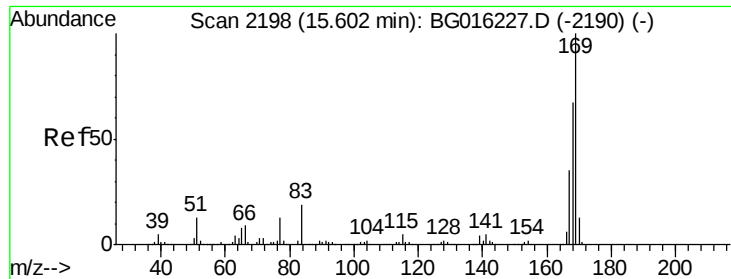
Tgt Ion:188 Resp: 331923
Ion Ratio Lower Upper
188 100
94 13.1 12.2 18.4
80 13.9 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 35.21 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:198 Resp: 79630
Ion Ratio Lower Upper
198 100
51 32.4 20.7 60.7
105 41.5 28.8 68.8





#65

n-Nitrosodiphenylamine

Concen: 35.62 ng

RT: 15.57 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

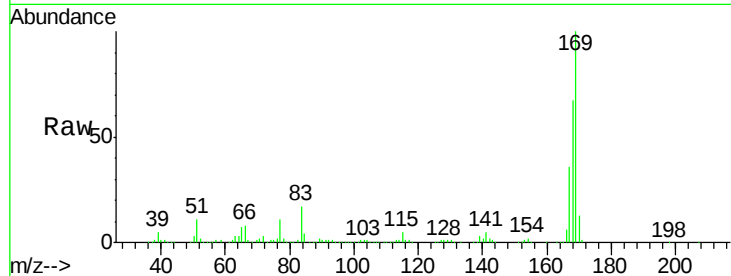
Tgt Ion:169 Resp: 399690

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

167 36.4 28.3 42.5

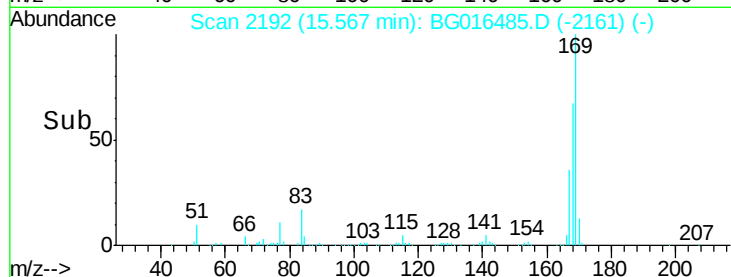


Abundance Ion 169.00 (168.70 to 169.70): E

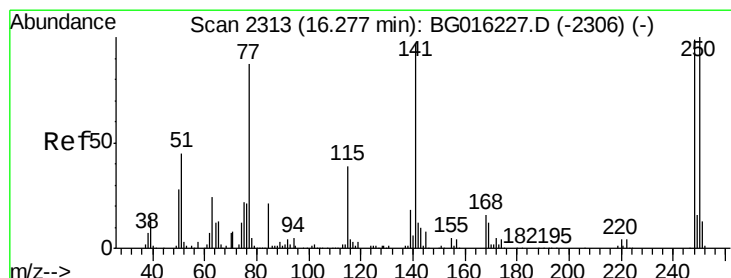
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 35.42 ng

RT: 16.24 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

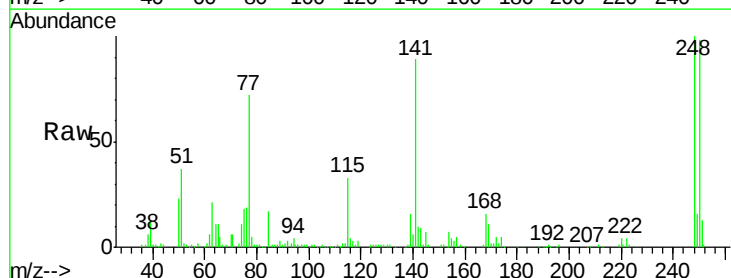
Tgt Ion:248 Resp: 93882

Ion Ratio Lower Upper

248 100

250 97.7 80.5 120.7

141 89.0 78.2 117.4

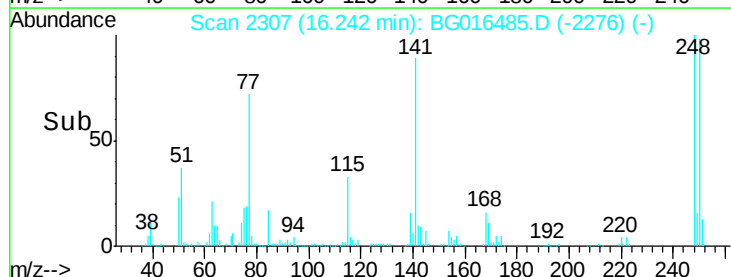


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#67

Hexachlorobenzene

Concen: 34.49 ng

RT: 16.35 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

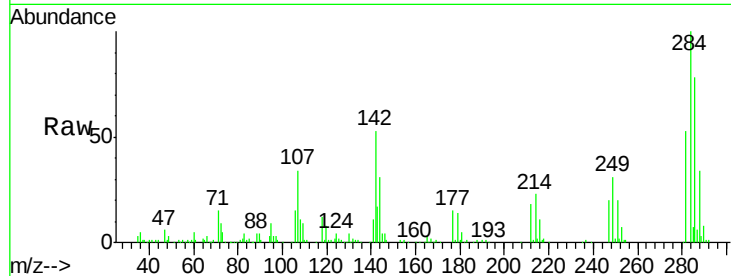
Tgt Ion:284 Resp: 95008

Ion Ratio Lower Upper

284 100

142 53.4 44.2 66.2

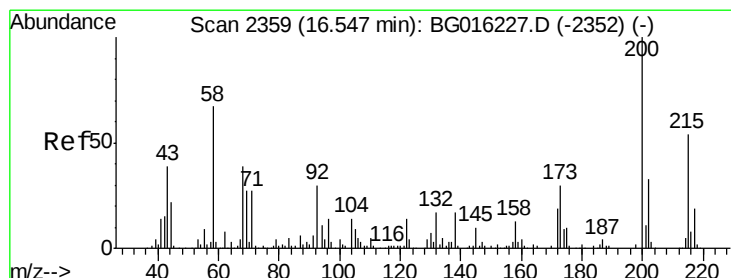
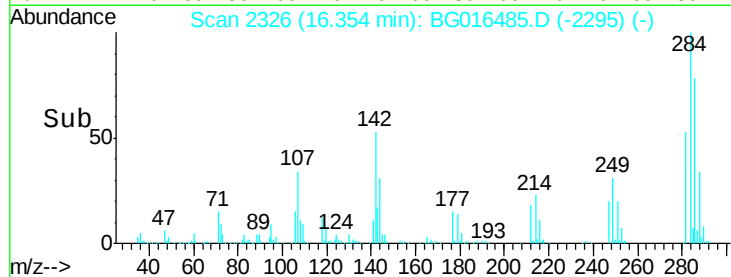
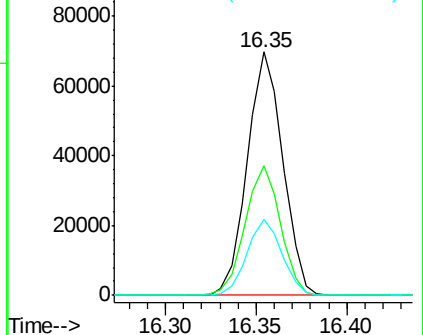
249 30.9 24.8 37.2



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: 41.26 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

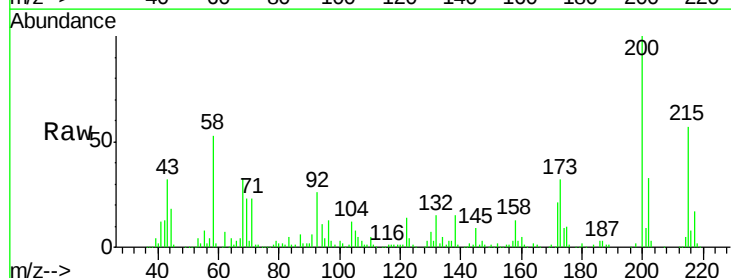
Tgt Ion:200 Resp: 129044

Ion Ratio Lower Upper

200 100

173 31.6 10.2 50.2

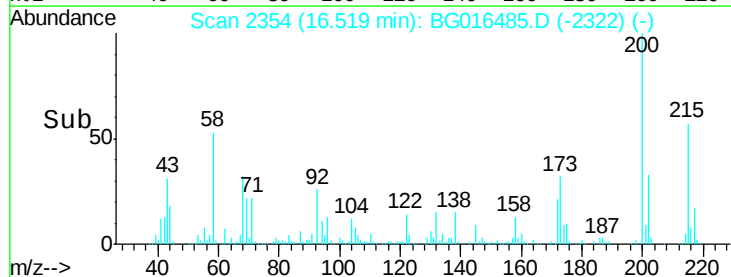
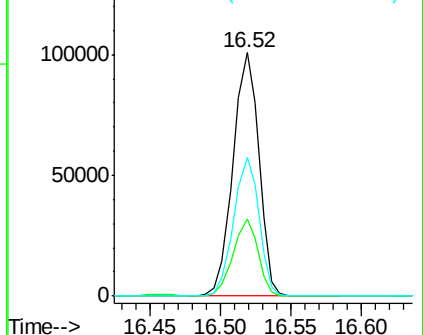
215 57.0 34.4 74.4

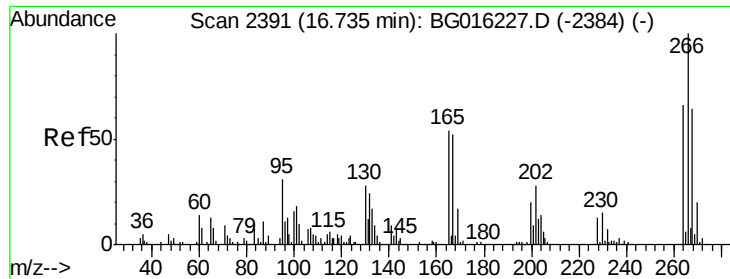


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

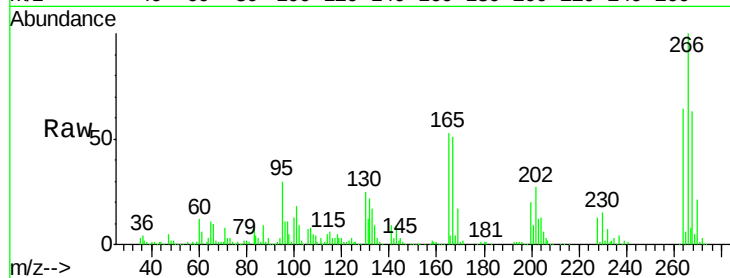




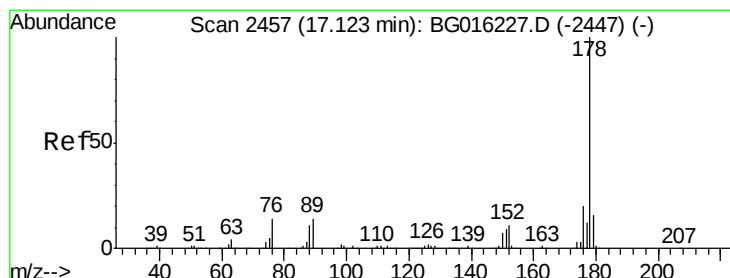
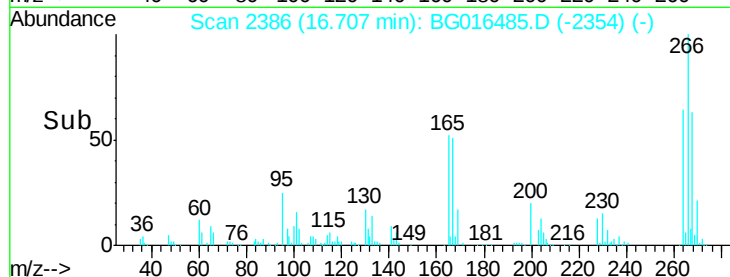
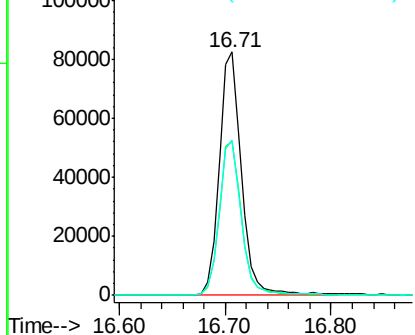
#69
 Pentachlorophenol
 Concen: 72.24 ng
 RT: 16.71 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:266 Resp: 121502
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.9 76.3
 264 63.9 52.8 79.2

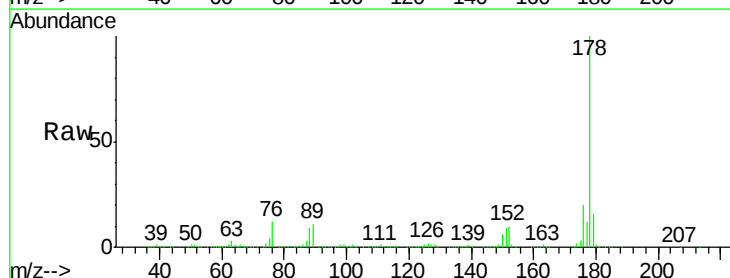


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

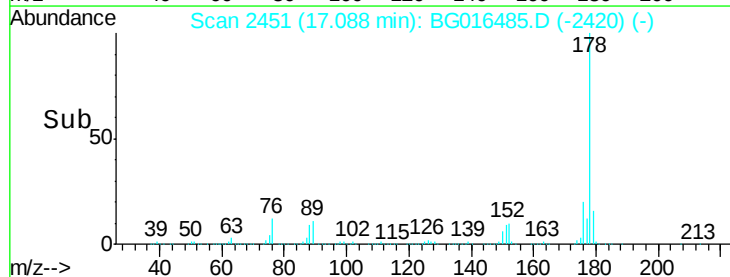
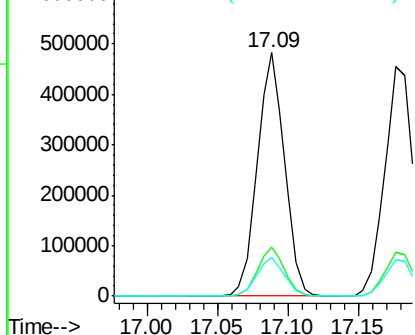


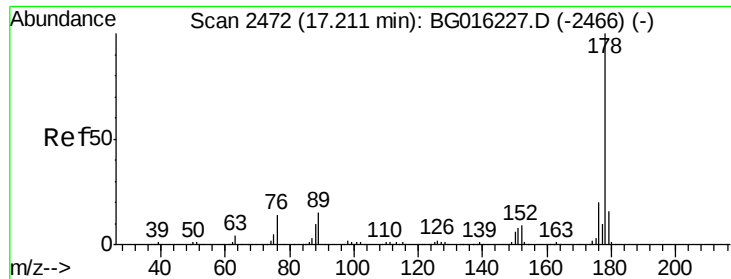
#70
 Phenanthrene
 Concen: 35.03 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:178 Resp: 653979
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.0 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: 34.81 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

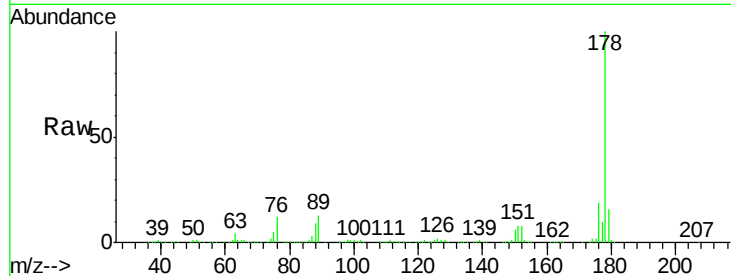
Tgt Ion:178 Resp: 644010

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

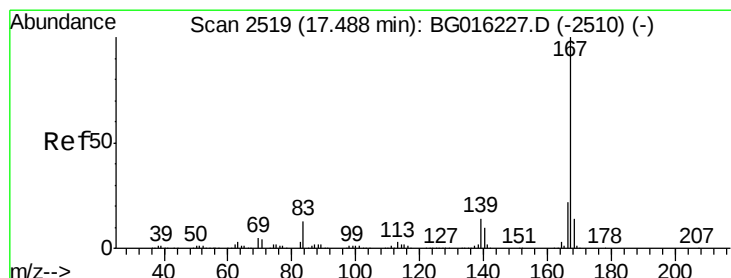
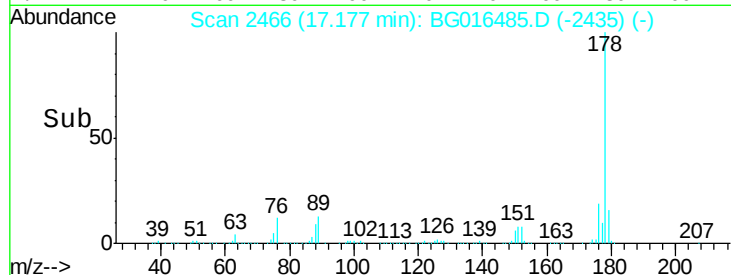
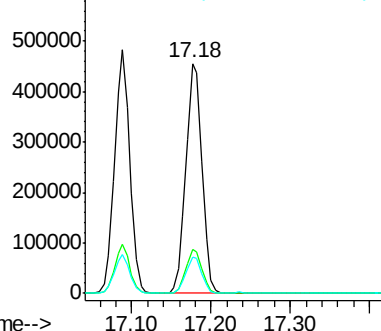
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.51 ng

RT: 17.45 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

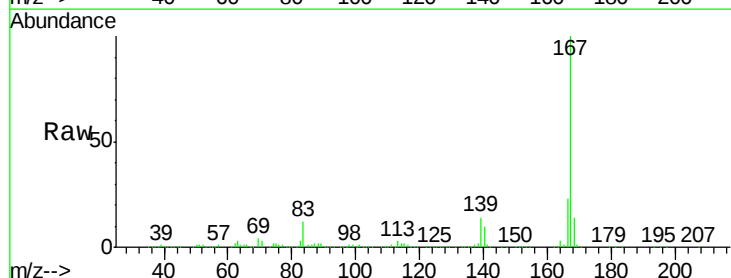
Tgt Ion:167 Resp: 696490

Ion Ratio Lower Upper

167 100

166 22.5 17.9 26.9

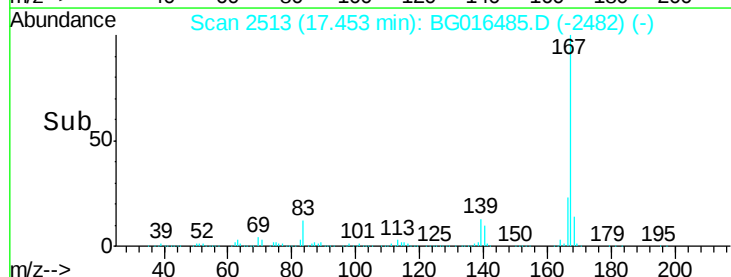
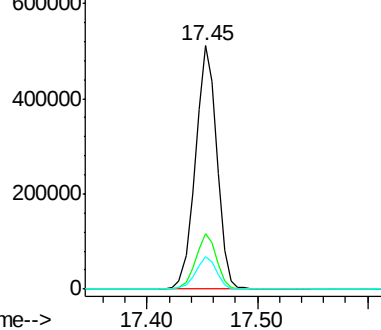
139 13.5 11.5 17.3

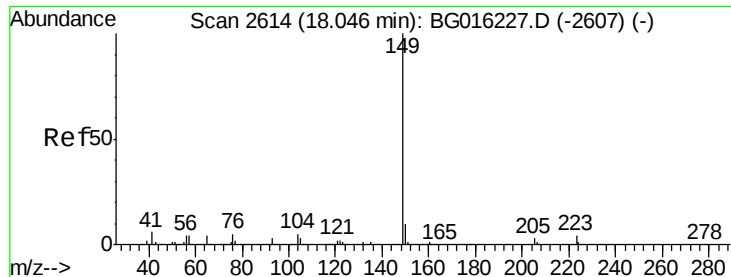


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

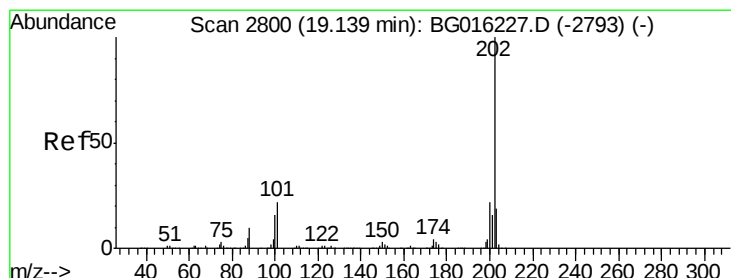
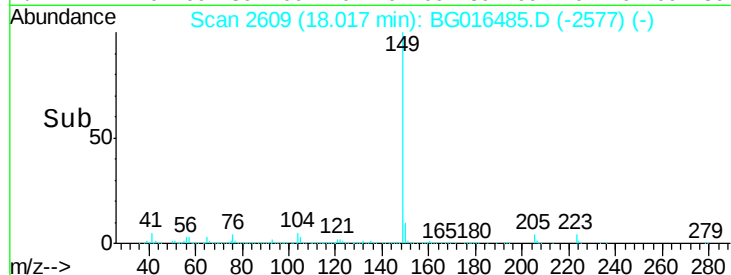
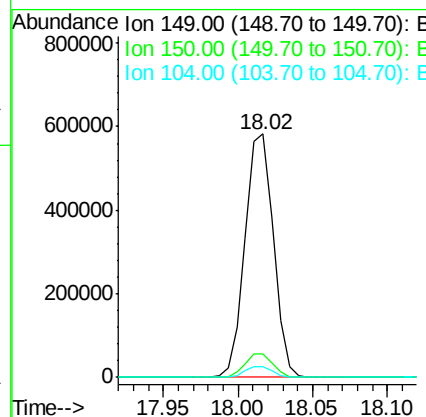
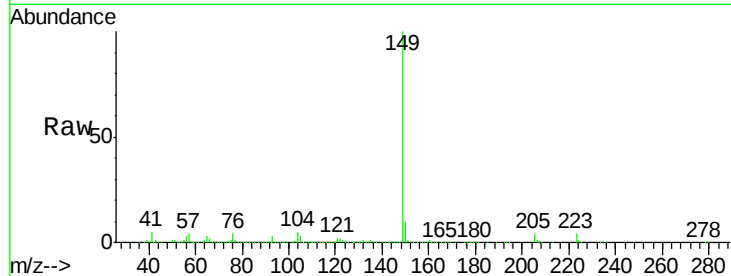




#73
Di-n-butylphthalate
Concen: 33.82 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

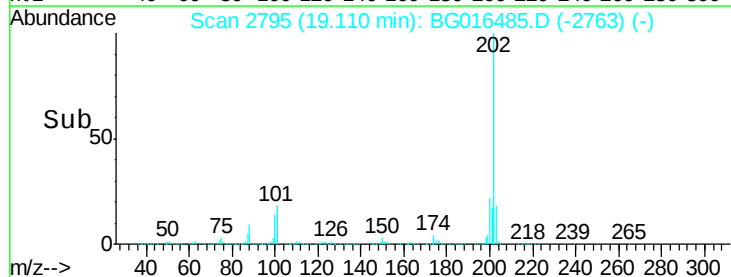
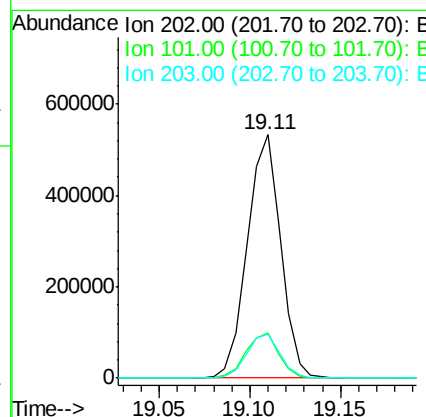
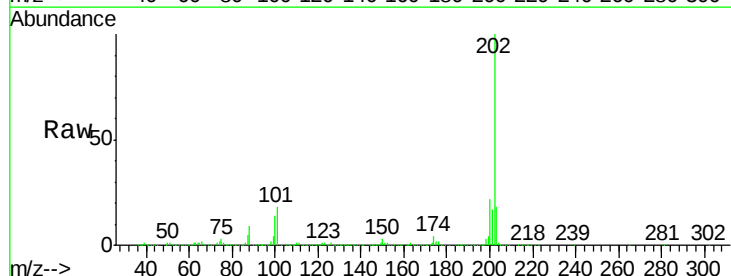
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

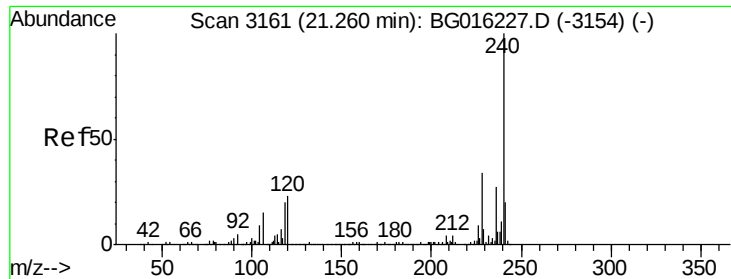
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.4
104	4.6	4.0	6.0



#74
Fluoranthene
Concen: 35.39 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.3	1.7	41.7
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

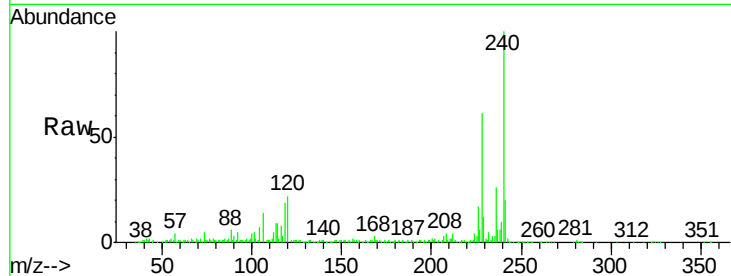
Tgt Ion:240 Resp: 282321

Ion Ratio Lower Upper

240 100

120 21.6 18.6 28.0

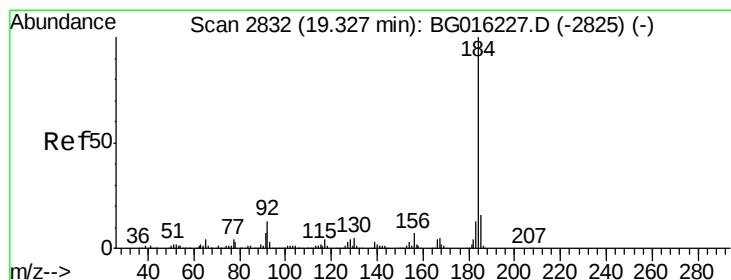
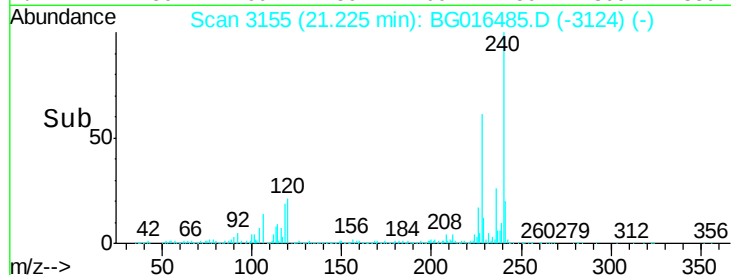
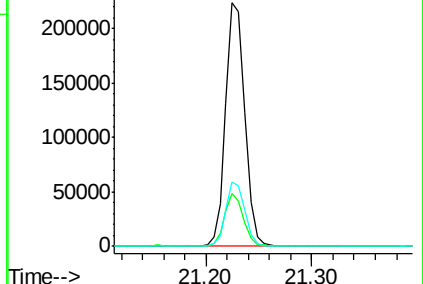
236 26.4 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.46 ng

RT: 19.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

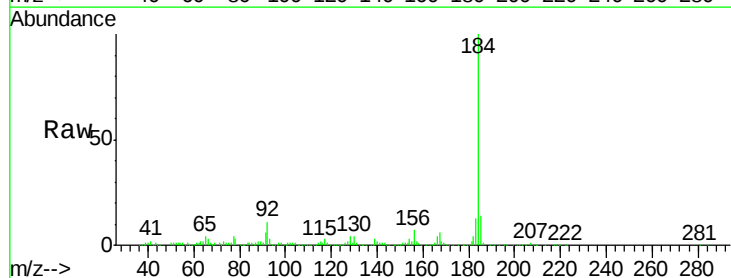
Tgt Ion:184 Resp: 280887

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

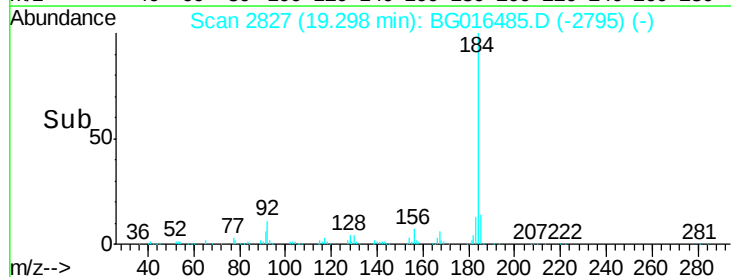
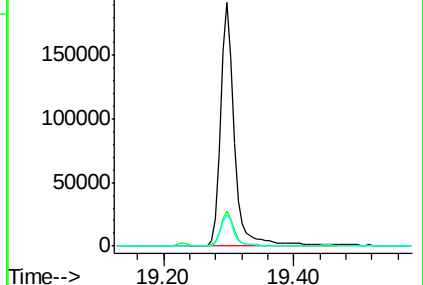
183 12.8 10.4 15.6

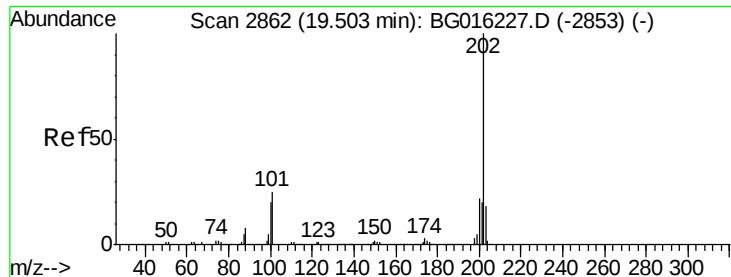


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.77 ng

RT: 19.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

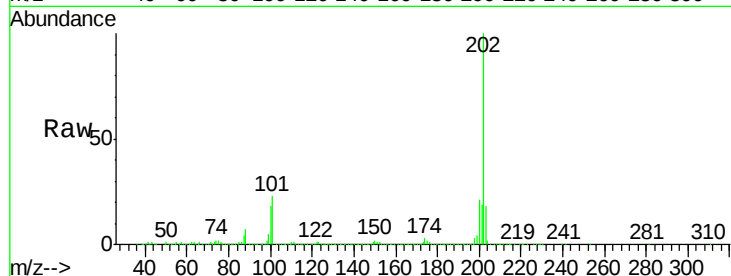
Tgt Ion:202 Resp: 703147

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.8

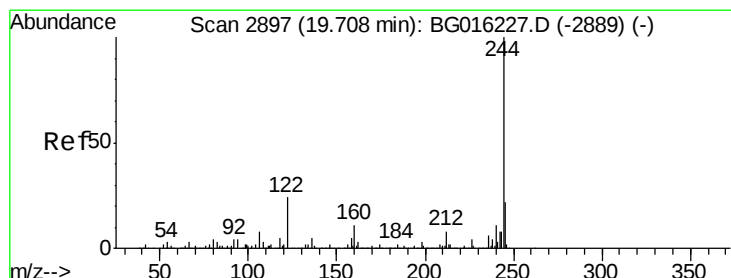
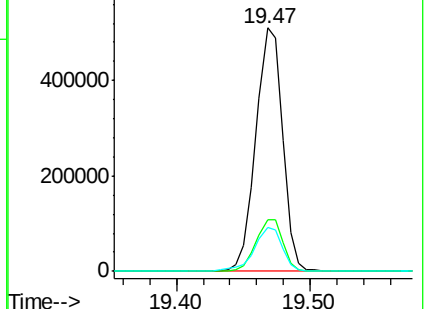
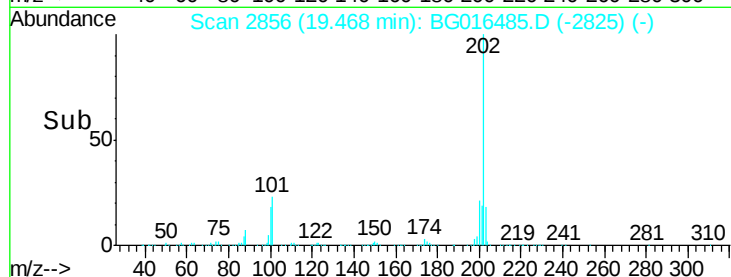
203 18.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.13 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

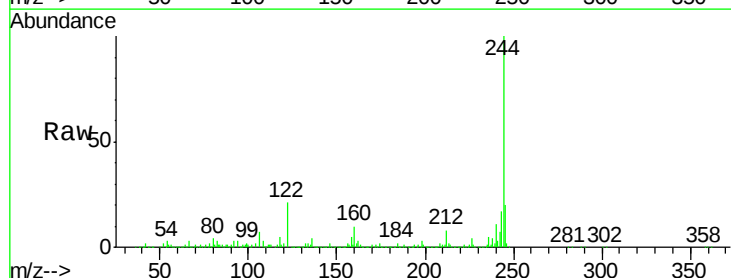
Tgt Ion:244 Resp: 677145

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

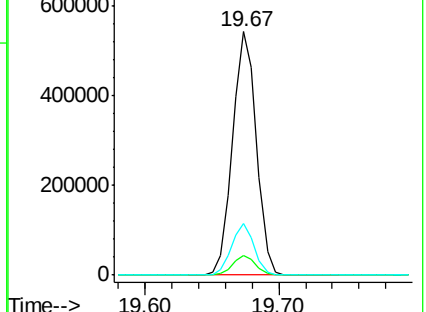
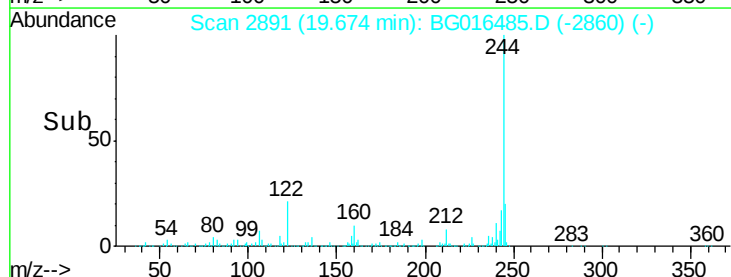
122 21.4 19.1 28.7

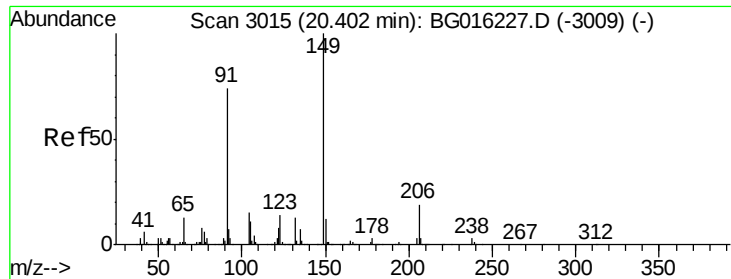


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

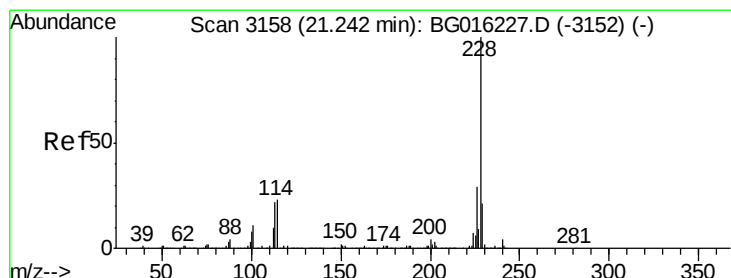
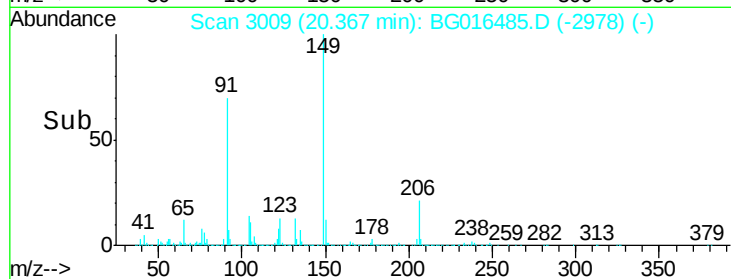
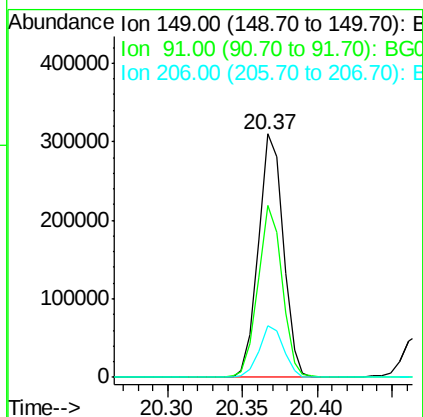
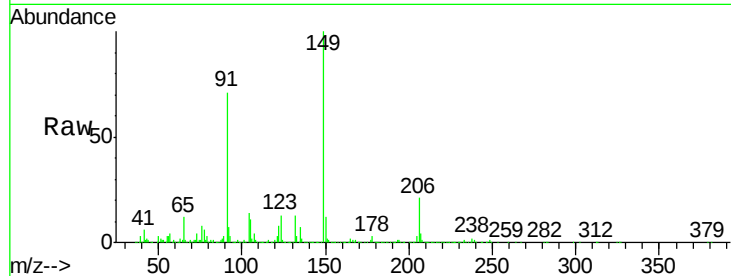




#79
Butylbenzylphthalate
Concen: 36.55 ng
RT: 20.37 min Scan# 3009
Delta R.T. -0.02 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

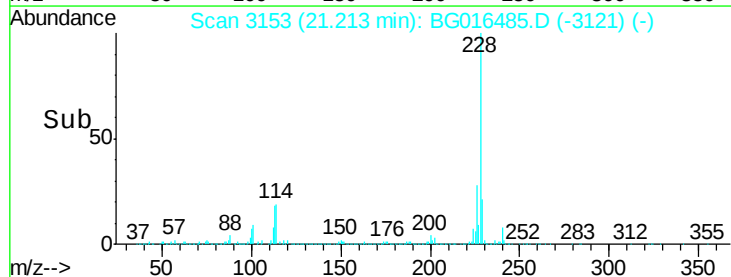
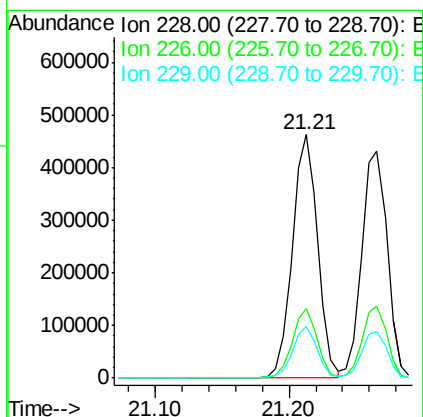
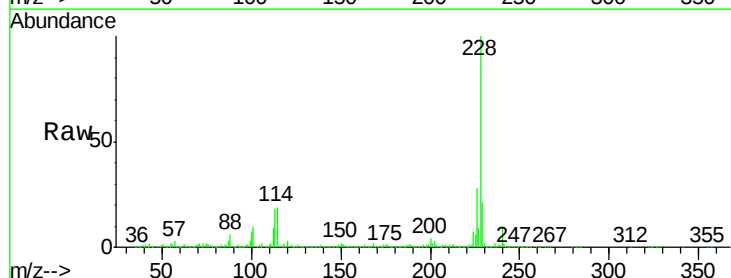
Instrument :
BNA_G
ClientSampleId :
LS-SB16B(7-7.5)MSD

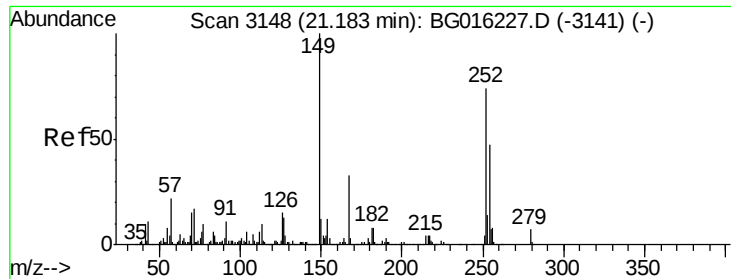
Tgt Ion:149 Resp: 353016
Ion Ratio Lower Upper
149 100
91 70.5 59.4 89.2
206 21.0 15.6 23.4



#80
Benzo(a)anthracene
Concen: 35.96 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG016485.D
Acq: 17 Apr 2015 10:17

Tgt Ion:228 Resp: 600063
Ion Ratio Lower Upper
228 100
226 28.4 23.5 35.3
229 20.9 16.8 25.2

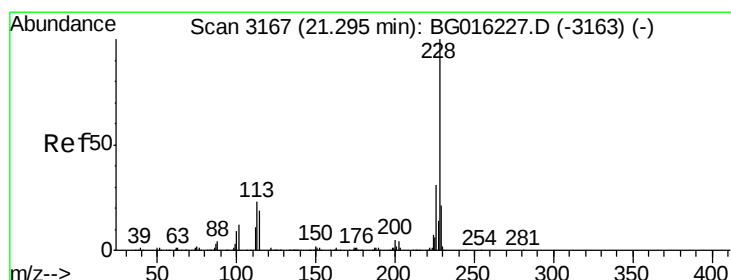
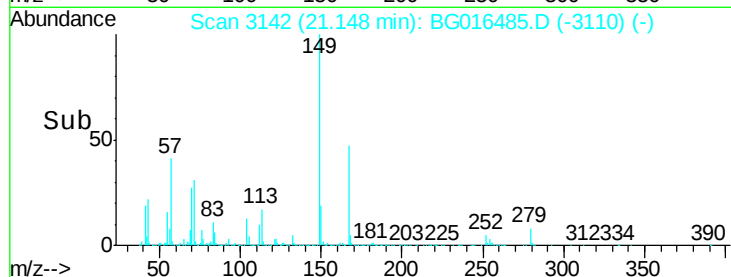
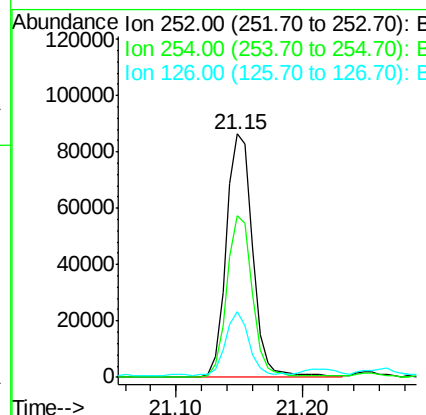
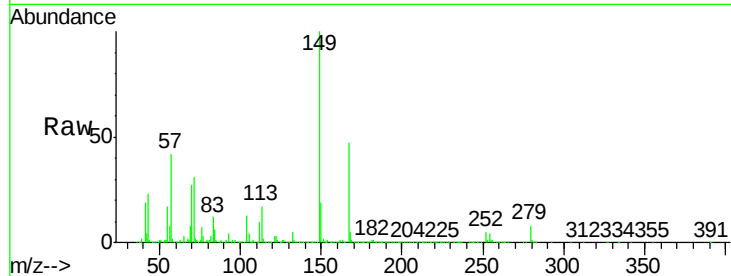




#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

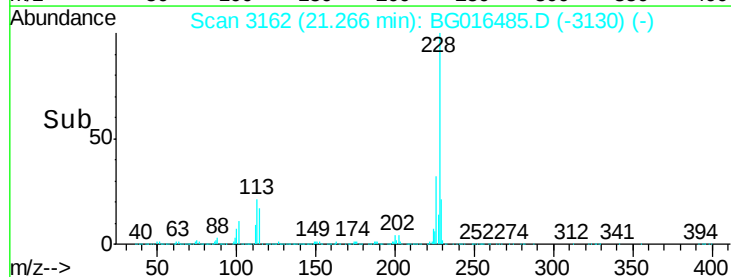
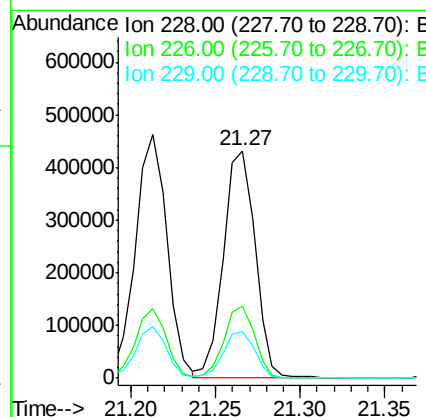
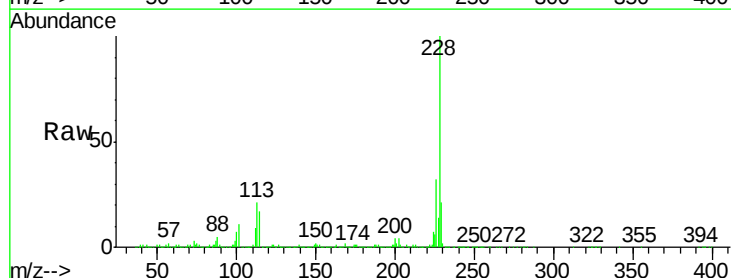
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

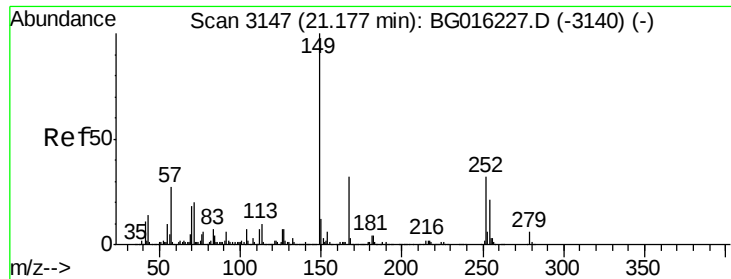
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	50.8	76.2
126	26.9	16.0	24.0



#82
 Chrysene
 Concen: 34.84 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	20.7	17.0	25.4

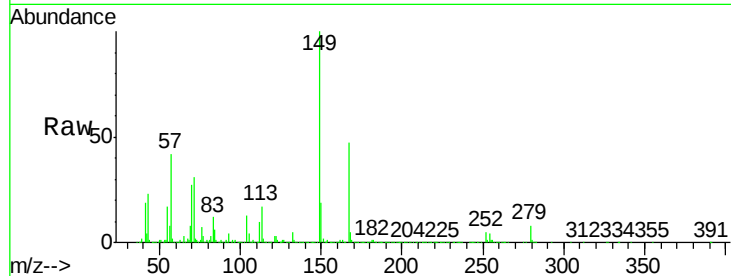




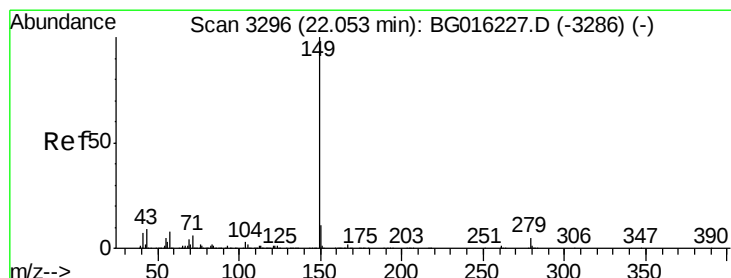
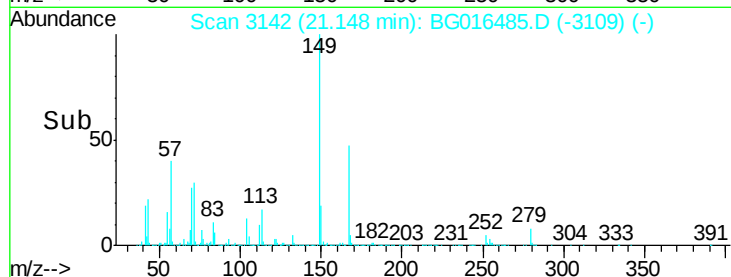
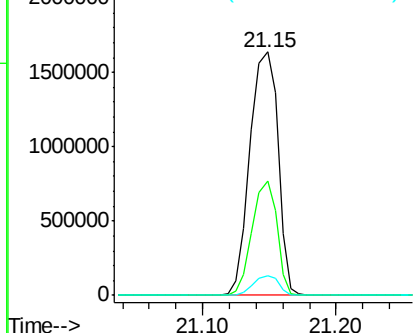
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 180.89 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

Tgt Ion:149 Resp: 2365214
 Ion Ratio Lower Upper
 149 100
 167 47.1 25.8 38.6#
 279 8.2 4.7 7.1#

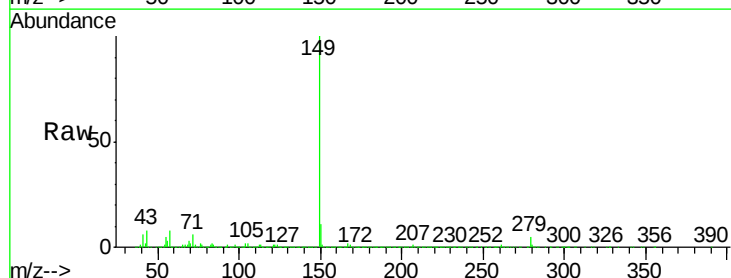


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

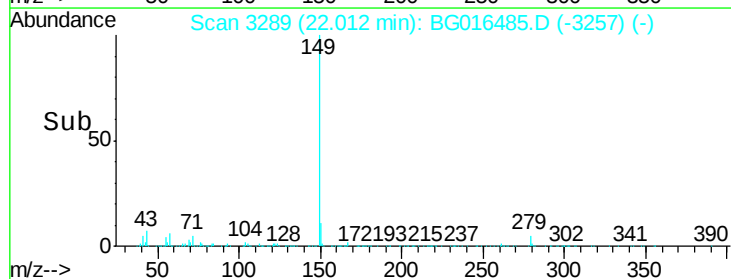
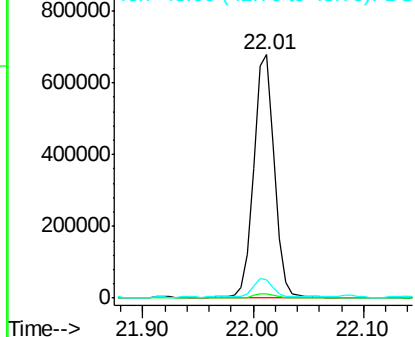


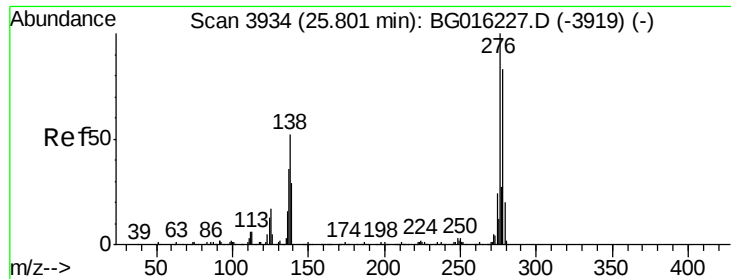
#84
 Di-n-octyl phthalate
 Concen: 41.34 ng
 RT: 22.01 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion:149 Resp: 880592
 Ion Ratio Lower Upper
 149 100
 167 2.1 1.3 1.9#
 43 7.7 7.0 10.4



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

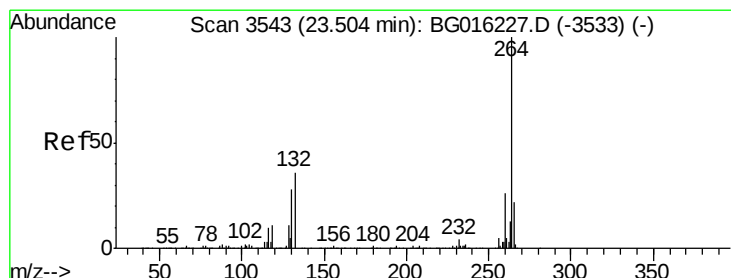
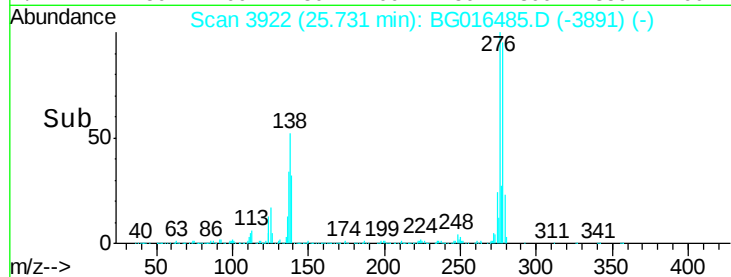
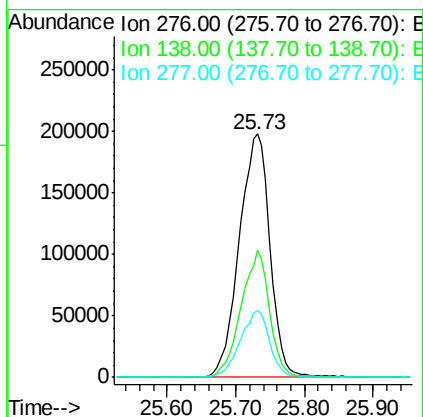
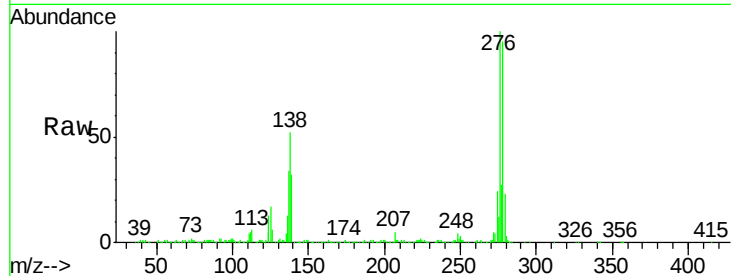




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.70 ng
 RT: 25.73 min Scan# 3922
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

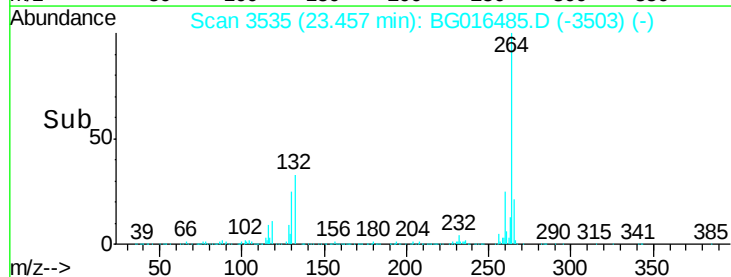
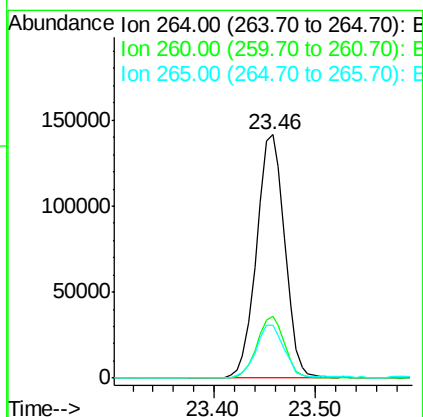
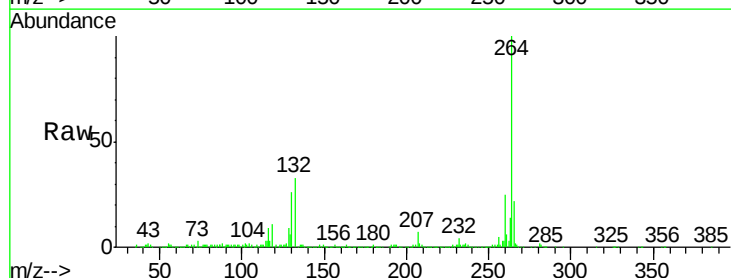
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB16B(7-7.5)MSD

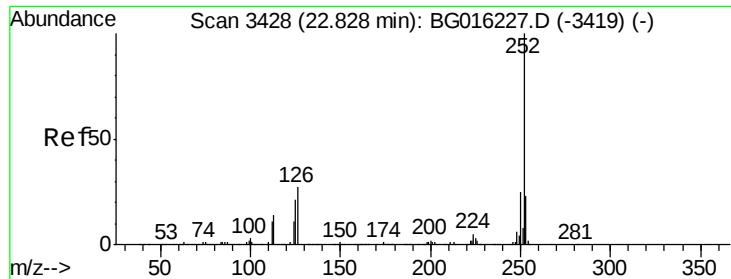
Tgt Ion: 276 Resp: 614085
 Ion Ratio Lower Upper
 276 100
 138 48.3 41.5 62.3
 277 26.7 21.0 31.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: BG016485.D
 Acq: 17 Apr 2015 10:17

Tgt Ion: 264 Resp: 272488
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 35.45 ng

RT: 22.78 min Scan# 3420

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

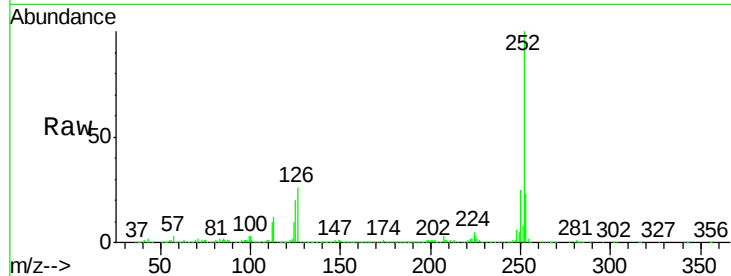
Tgt Ion:252 Resp: 565834

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

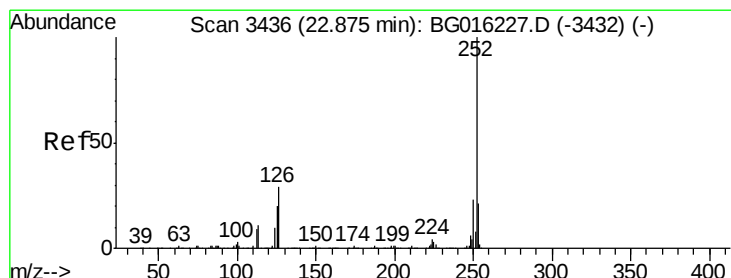
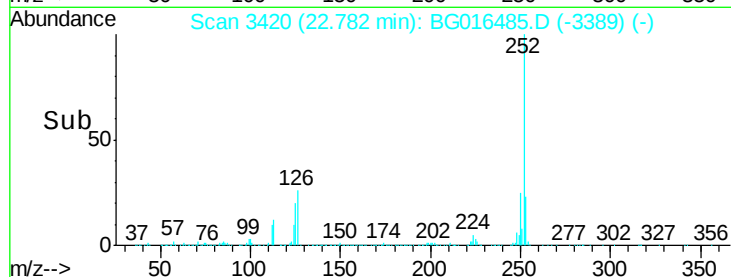
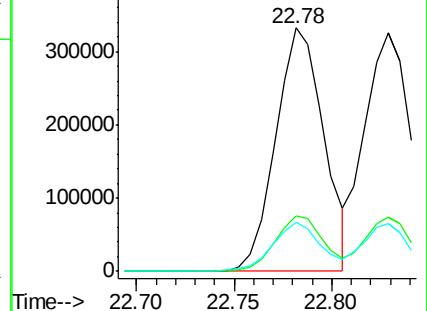
125 20.3 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.14 ng

RT: 22.83 min Scan# 3428

Delta R.T. -0.01 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

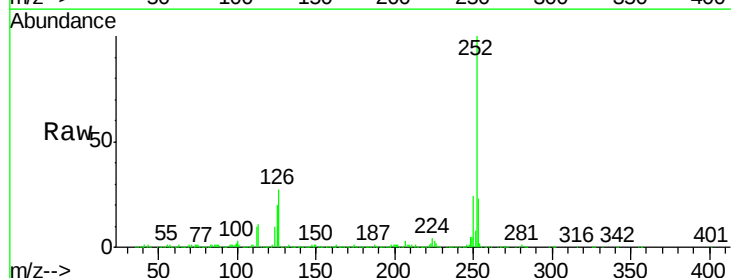
Tgt Ion:252 Resp: 533115

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

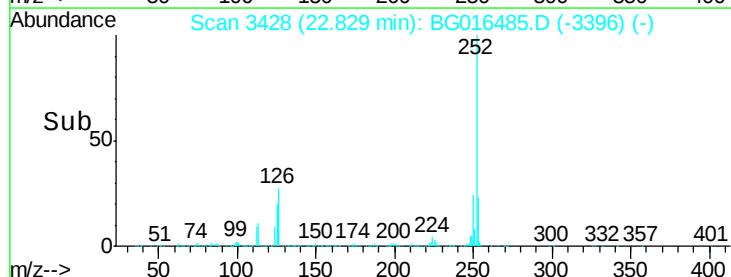
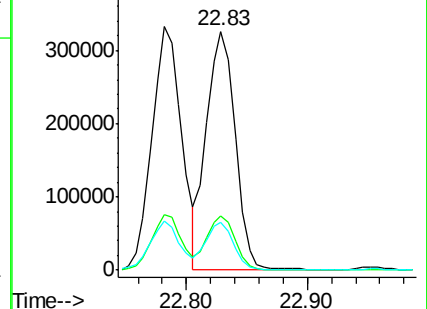
125 20.1 16.3 24.5

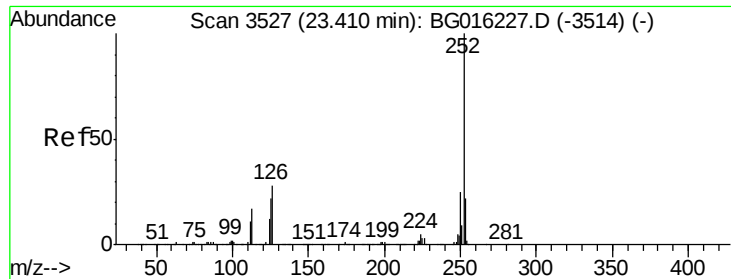


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.37 ng

RT: 23.36 min Scan# 3518

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

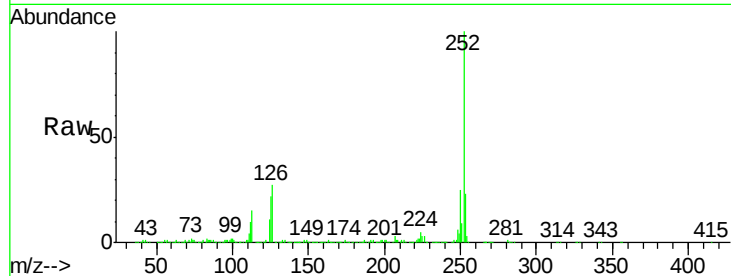
Tgt Ion:252 Resp: 544057

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

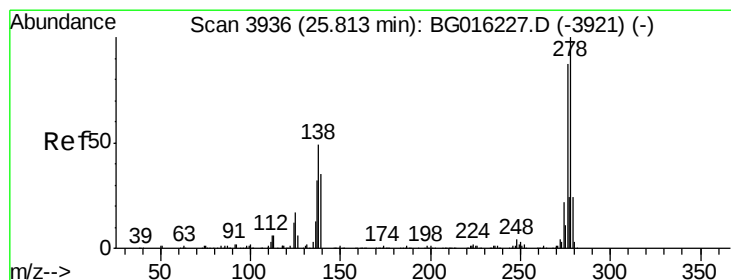
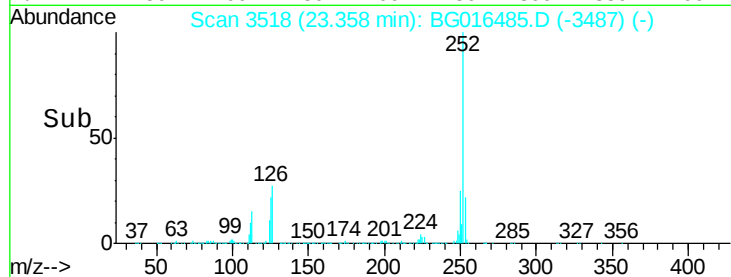
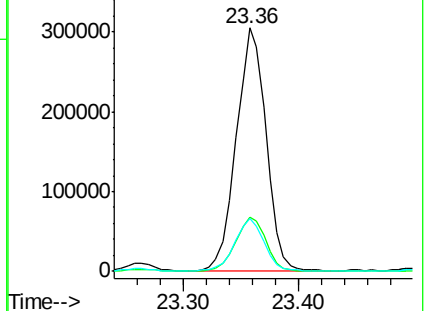
125 21.8 17.6 26.4



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: 35.09 ng

RT: 25.74 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

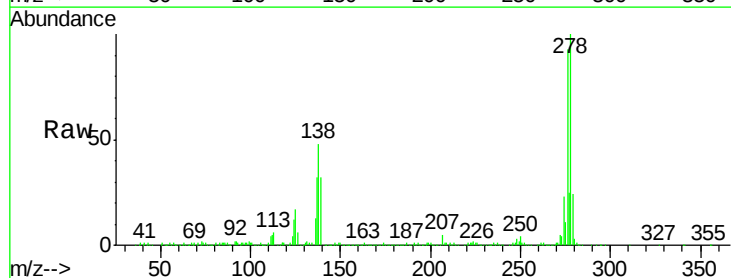
Tgt Ion:278 Resp: 510662

Ion Ratio Lower Upper

278 100

139 31.8 27.9 41.9

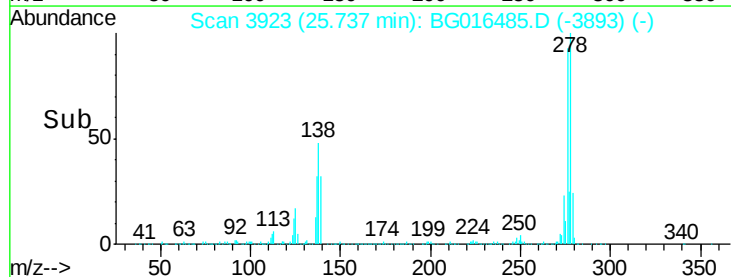
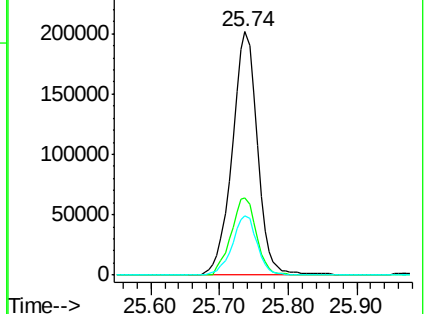
279 24.2 19.5 29.3

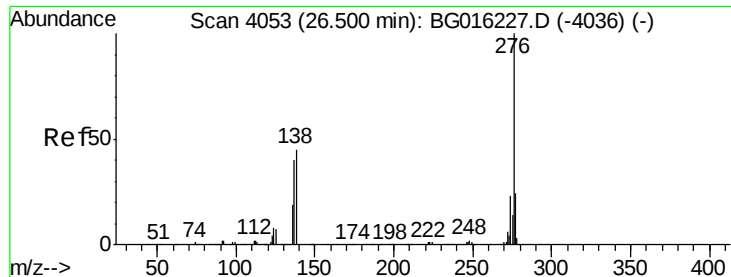


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.21 ng

RT: 26.42 min Scan# 4040

Delta R.T. -0.02 min

Lab File: BG016485.D

Acq: 17 Apr 2015 10:17

Instrument :

BNA_G

ClientSampleId :

LS-SB16B(7-7.5)MSD

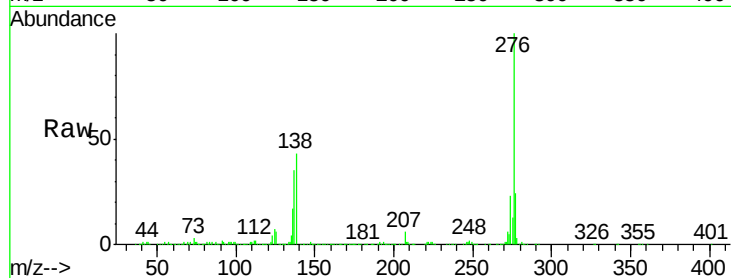
Tgt Ion: 276 Resp: 511913

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 43.2 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

