

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017014.D
 Acq On : 10 May 2015 7:57
 Operator : TP/IZ
 Sample : G2139-01MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

Quant Time: May 11 01:30:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63099	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	279496	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	191132	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	449661	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	448824	20.00	ng	-0.02
86) Perylene-d12	23.64	264	431684	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	462371	127.59	ng	0.00
7) Phenol-d6	6.97	99	606439	117.14	ng	0.00
23) Nitrobenzene-d5	8.95	82	467023	81.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	304958	158.93	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	972989	76.82	ng	-0.02
78) Terphenyl-d14	19.80	244	1629263	85.10	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	47110	31.02	ng	# 1
3) Pyridine	3.69	79	125473	26.72	ng	98
4) n-Nitrosodimethylamine	3.60	42	63097	22.51	ng	91
6) Aniline	7.13	93	18043	2.48	ng	91
8) 2-Chlorophenol	7.36	128	177826	42.36	ng	95
10) Phenol	6.99	94	217783	39.23	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	181041	42.17	ng	93
12) 1,3-Dichlorobenzene	7.68	146	167672	36.22	ng	94
13) 1,4-Dichlorobenzene	7.83	146	172212	36.73	ng	95
14) 1,2-Dichlorobenzene	8.14	146	168646	37.48	ng	96
15) Benzyl Alcohol	8.03	79	151710	32.08	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.32	45	294165	37.02	ng	97
17) 2-Methylphenol	8.24	107	159739	40.86	ng	93
18) Hexachloroethane	8.87	117	69907	36.27	ng	92
19) n-Nitroso-di-n-propylamine	8.60	70	141557	31.18	ng	98
20) 3+4-Methylphenols	8.57	107	225469	41.85	ng	96
22) Acetophenone	8.61	105	279093	41.92	ng	# 99
24) Nitrobenzene	8.99	77	244413	42.30	ng	97
25) Isophorone	9.51	82	449356	38.90	ng	99
26) 2-Nitrophenol	9.70	139	105321	44.77	ng	98
27) 2,4-Dimethylphenol	9.76	122	183540	43.11	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	234950	40.29	ng	97
29) 2,4-Dichlorophenol	10.23	162	182520	45.38	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	173015	40.57	ng	96
31) Naphthalene	10.63	128	549544	39.53	ng	98
32) Benzoic acid	9.91	122	151219	55.72	ng	94
33) 4-Chloroaniline	10.76	127	25796	4.02	ng	95
34) Hexachlorobutadiene	10.92	225	105337	39.46	ng	96
36) 4-Chloro-3-methylphenol	11.87	107	235673	45.76	ng	98
37) 2-Methylnaphthalene	12.24	142	430766	40.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	196649	38.06	ng	# 100
42) 2,4,6-Trichlorophenol	12.93	196	180765	49.37	ng	98
43) 2,4,5-Trichlorophenol	12.93	196	180765	46.51	ng	96
45) 1,1'-Biphenyl	13.26	154	555321	40.58	ng	98

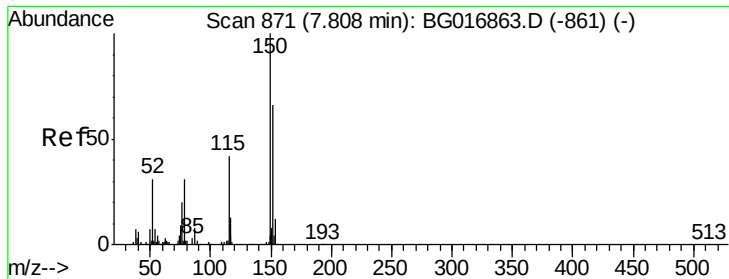
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.30	162	432434	39.90	ng	97
47) 2-Nitroaniline	13.51	65	193220	51.21	ng	98
48) Acenaphthylene	14.15	152	593087	31.42	ng	100
49) Dimethylphthalate	13.89	163	595038	41.69	ng	99
50) 2,6-Dinitrotoluene	14.01	165	143568	48.45	ng	87
51) Acenaphthene	14.49	154	449292	40.00	ng	97
52) 3-Nitroaniline	14.35	138	62927	18.67	ng	98
53) 2,4-Dinitrophenol	14.54	184	204626	150.98	ng #	80
54) Dibenzofuran	14.83	168	680065	42.63	ng	95
55) 4-Nitrophenol	14.67	139	253713	88.76	ng	93
56) 2,4-Dinitrotoluene	14.79	165	207429	54.72	ng	98
57) Fluorene	15.48	166	605981	42.91	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	156987	46.81	ng #	76
59) Diethylphthalate	15.26	149	668412	44.36	ng	100
60) 4-Chlorophenyl-phenylether	15.47	204	305266	43.02	ng	99
61) 4-Nitroaniline	15.50	138	58161	14.88	ng	92
62) Azobenzene	15.76	77	652095	41.79	ng	95
64) 4,6-Dinitro-2-methylphenol	15.55	198	137965	61.88	ng	92
65) n-Nitrosodiphenylamine	15.69	169	549732	40.05	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	188516	41.77	ng	97
67) Hexachlorobenzene	16.48	284	195245	41.02	ng	96
69) Pentachlorophenol	16.83	266	303838	98.33	ng	97
70) Phenanthrene	17.21	178	932984	40.32	ng	99
71) Anthracene	17.31	178	954966	40.91	ng	99
72) Carbazole	17.58	167	920119	41.46	ng	99
73) Di-n-butylphthalate	18.14	149	1194599	41.52	ng	99
74) Fluoranthene	19.23	202	1087100	40.49	ng	98
77) Pyrene	19.59	202	1111411	41.96	ng	99
79) Butylbenzylphthalate	20.49	149	529956	42.09	ng	98
80) Benzo(a)anthracene	21.33	228	1017540	42.26	ng	98
82) Chrysene	21.39	228	963481	42.72	ng	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	715068	41.52	ng	99
84) Di-n-octyl phthalate	22.15	149	1207159	41.73	ng #	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1154261	42.95	ng #	100
87) Benzo(b)fluoranthene	22.95	252	1040437	43.26	ng	98
88) Benzo(k)fluoranthene	23.00	252	977689	42.26	ng	100
89) Benzo(a)pyrene	23.54	252	979375	43.67	ng	98
90) Dibenzo(a,h)anthracene	26.02	278	970606	42.37	ng #	96
91) Benzo(g,h,i)perylene	26.73	276	930267	42.65	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

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BNA_G

ClientSampleId :

LAR9794-AMSD

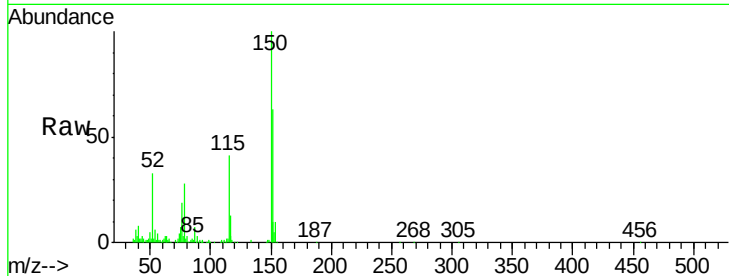
Tgt Ion:152 Resp: 63099

Ion Ratio Lower Upper

152 100

150 158.1 121.0 181.4

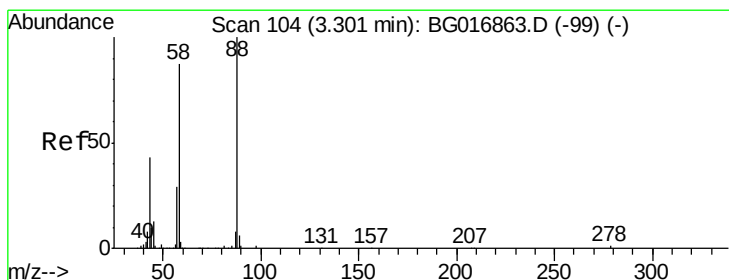
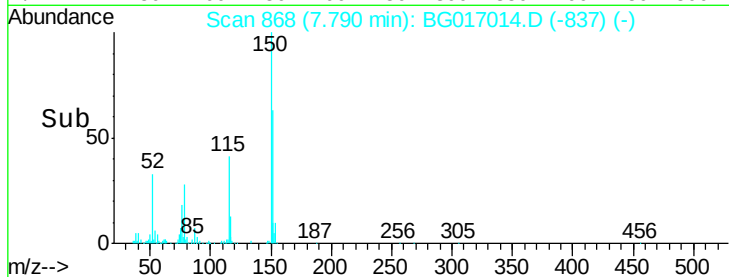
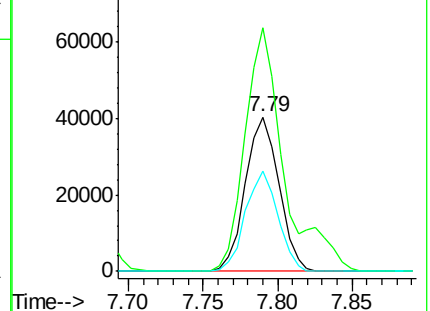
115 65.3 50.5 75.7



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: 31.02 ng

RT: 3.30 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

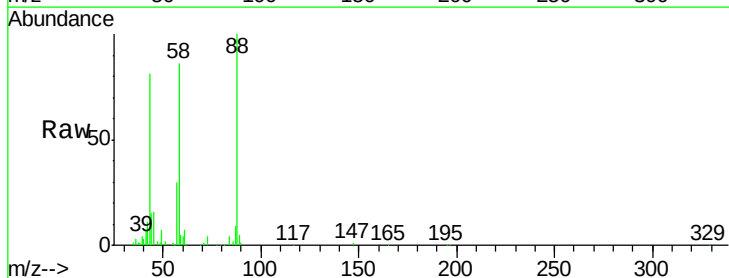
Tgt Ion: 88 Resp: 47110

Ion Ratio Lower Upper

88 100

58 83.5 0.1 0.1#

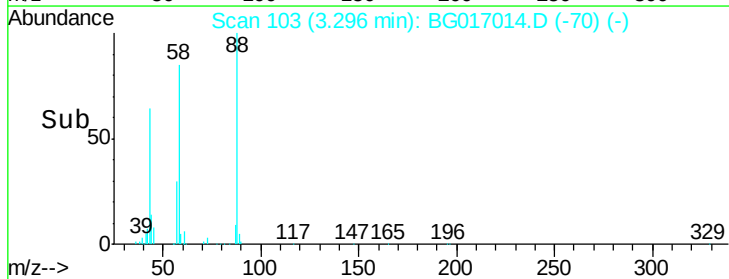
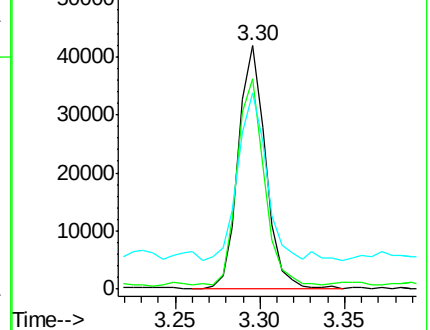
43 70.2 1.3 1.9#

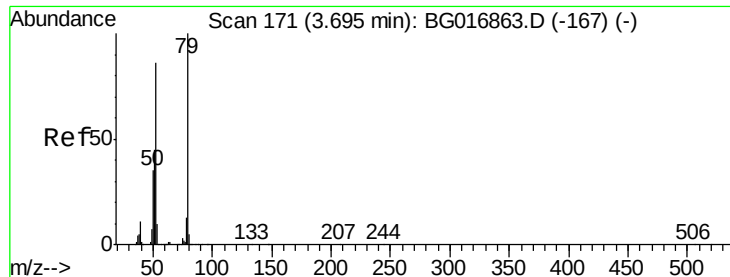


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.72 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

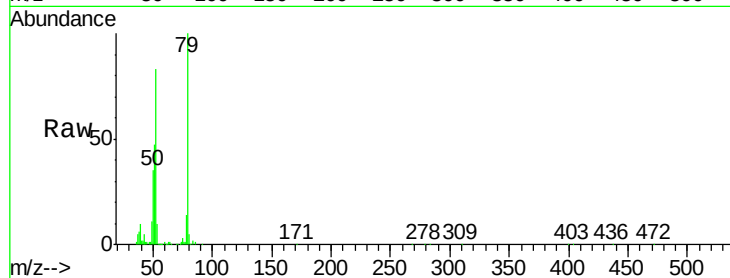
Tgt Ion: 79 Resp: 125473

Ion Ratio Lower Upper

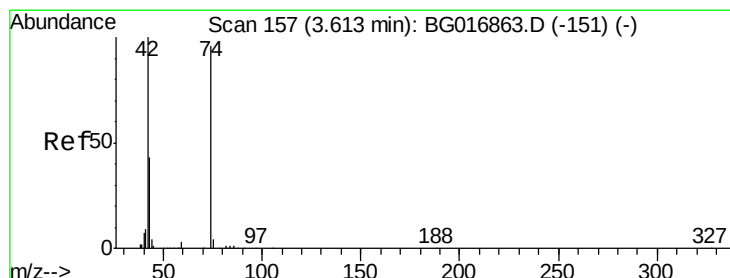
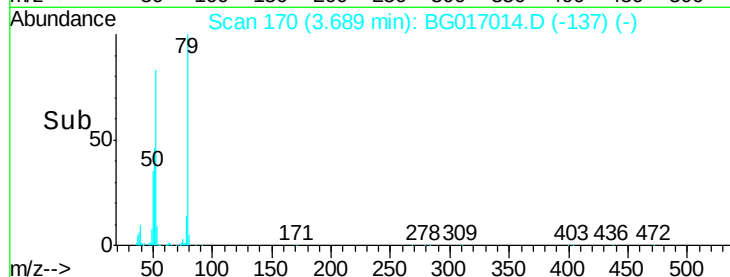
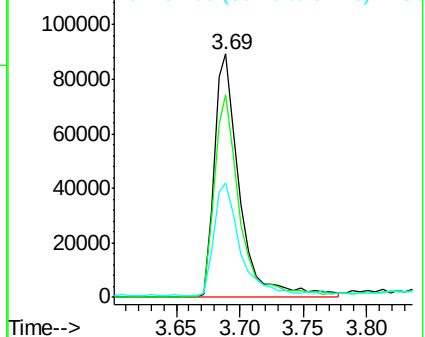
79 100

52 83.1 68.5 102.7

51 46.8 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 22.51 ng

RT: 3.60 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

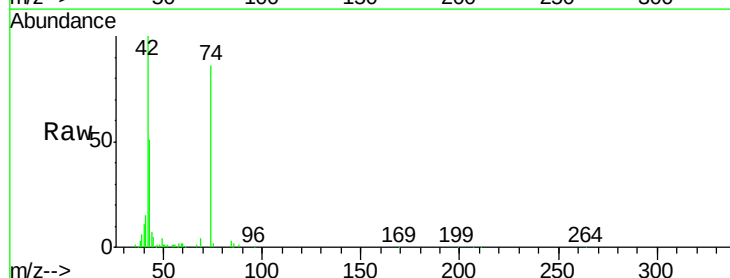
Tgt Ion: 42 Resp: 63097

Ion Ratio Lower Upper

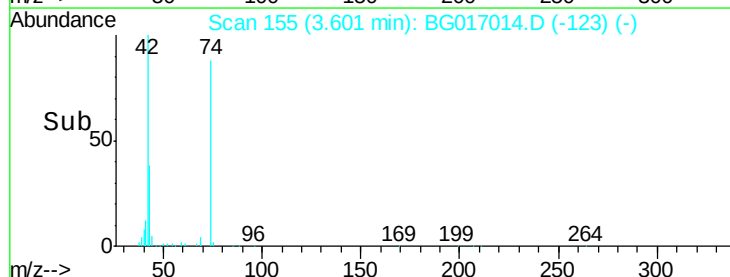
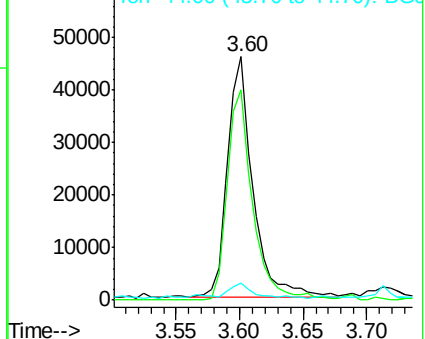
42 100

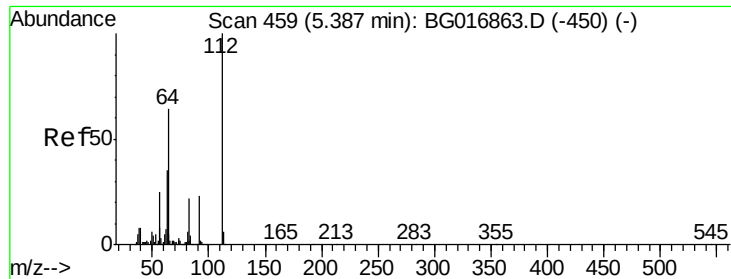
74 86.2 76.2 114.2

44 6.7 4.9 7.3



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





#5

2-Fluorophenol

Concen: 127.59 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

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LAR9794-AMSD

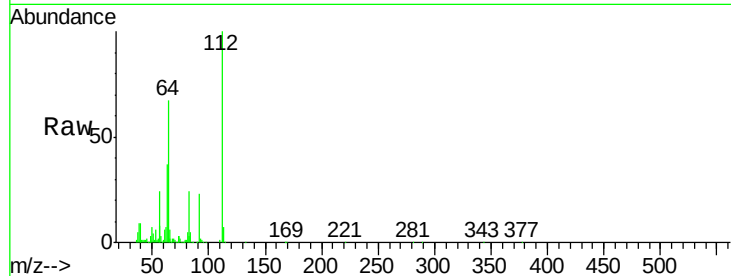
Tgt Ion: 112 Resp: 462371

Ion Ratio Lower Upper

112 100

64 66.6 51.4 77.2

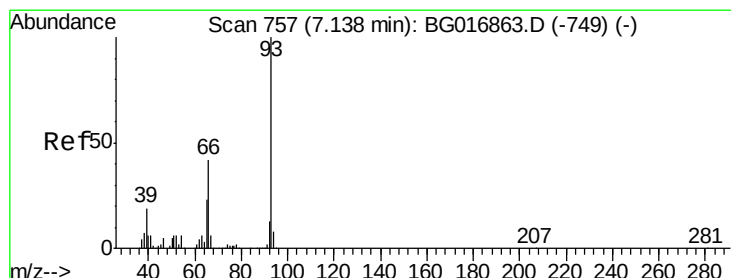
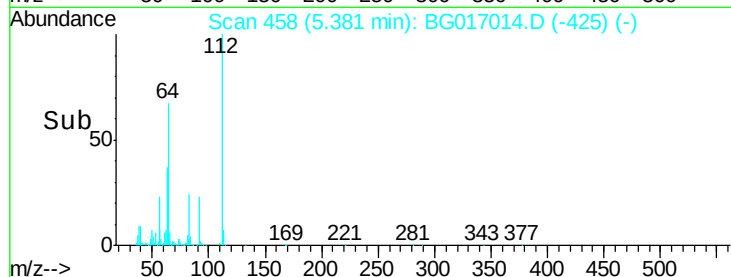
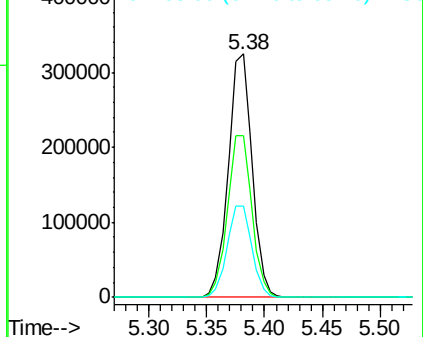
63 37.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.48 ng

RT: 7.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

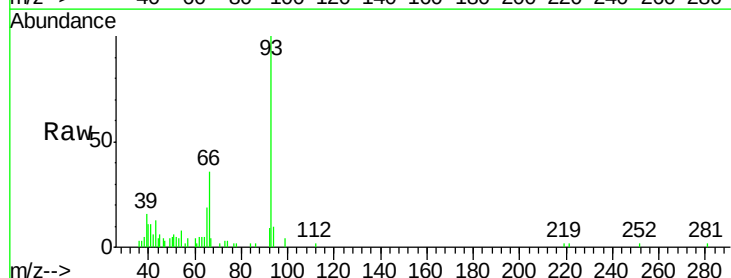
Tgt Ion: 93 Resp: 18043

Ion Ratio Lower Upper

93 100

66 36.4 33.8 50.6

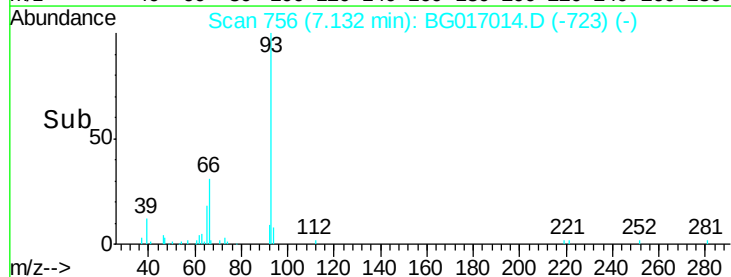
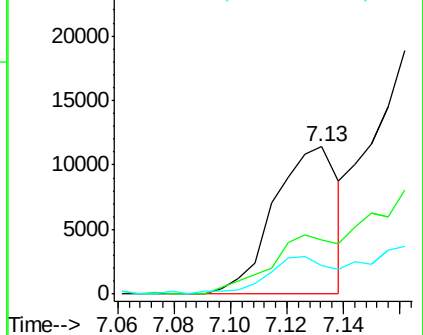
65 19.4 18.7 28.1

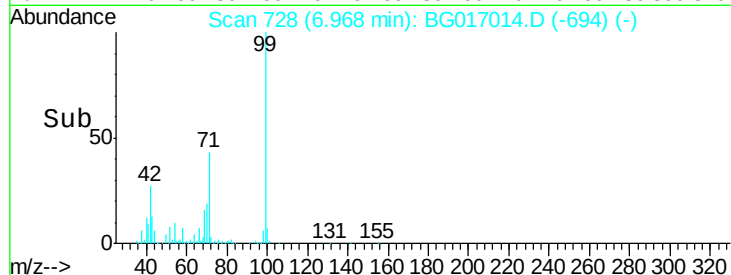
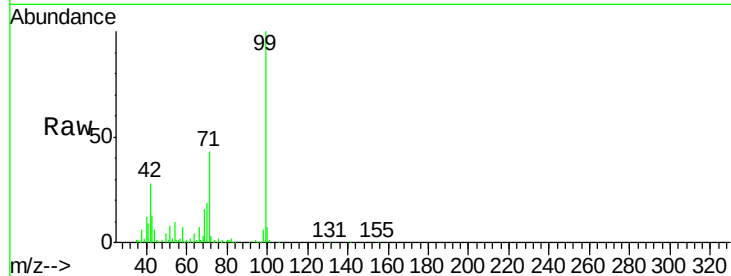
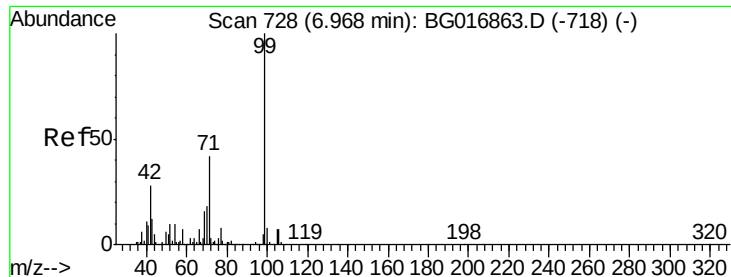


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.14 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG017014.D

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ClientSampleId :

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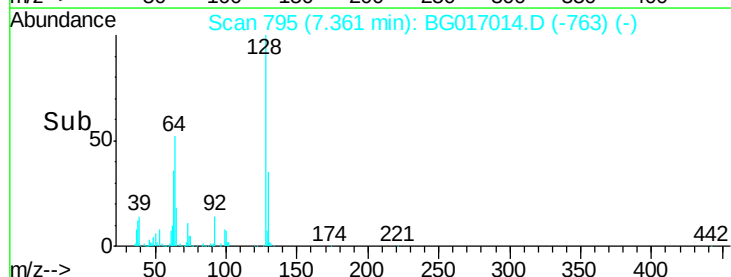
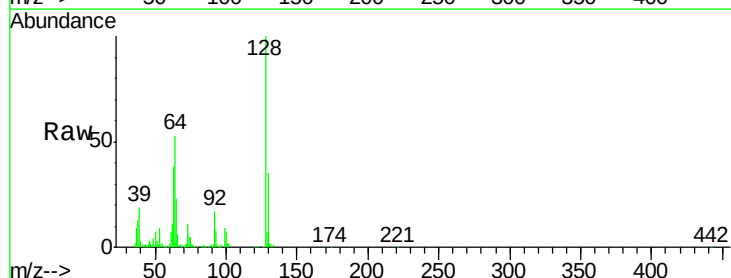
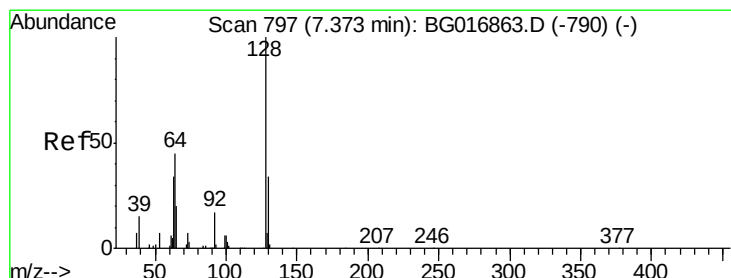
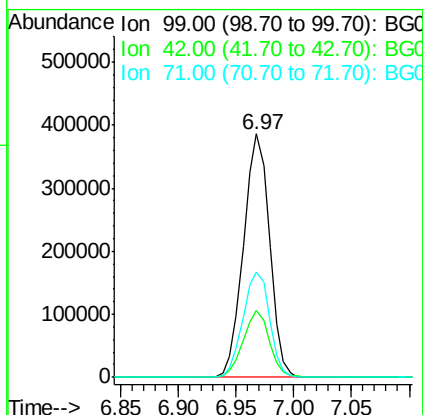
Tgt Ion: 99 Resp: 606439

Ion Ratio Lower Upper

99 100

42 27.5 22.1 33.1

71 43.2 33.4 50.0



#8

2-Chlorophenol

Concen: 42.36 ng

RT: 7.36 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

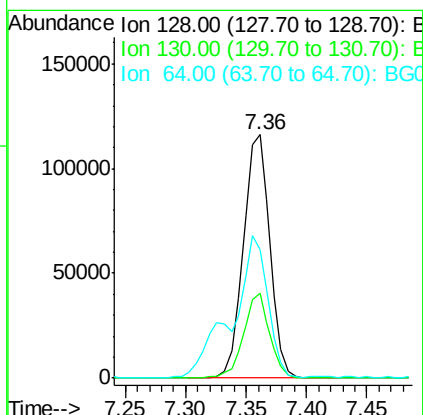
Tgt Ion: 128 Resp: 177826

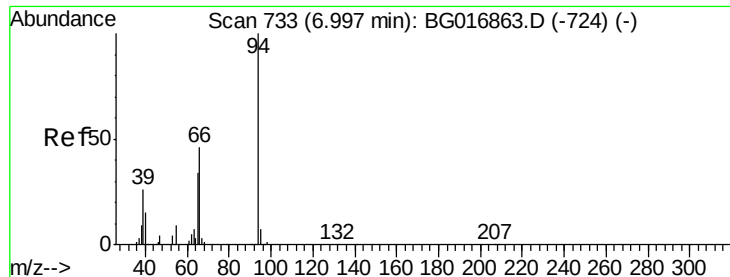
Ion Ratio Lower Upper

128 100

130 35.0 14.4 54.4

64 53.0 38.4 78.4





#10

Phenol

Concen: 39.23 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

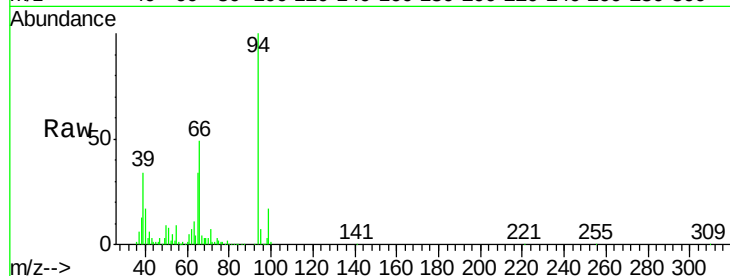
Tgt Ion: 94 Resp: 217783

Ion Ratio Lower Upper

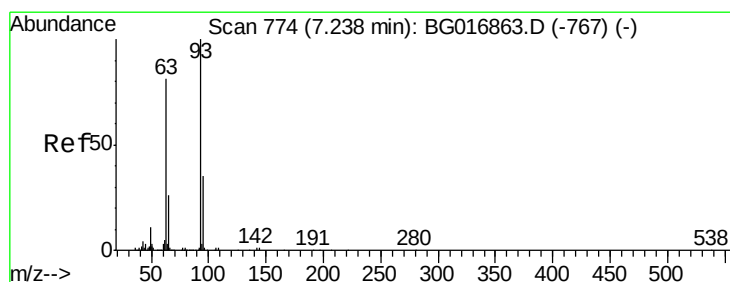
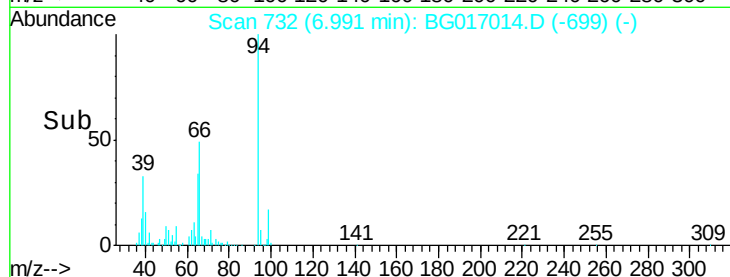
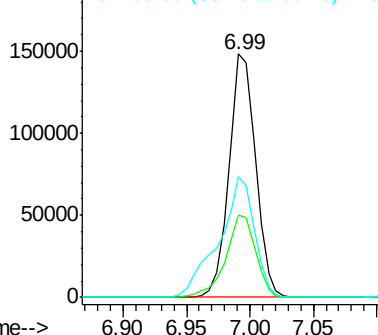
94 100

65 34.0 14.3 54.3

66 49.4 26.9 66.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 42.17 ng

RT: 7.22 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

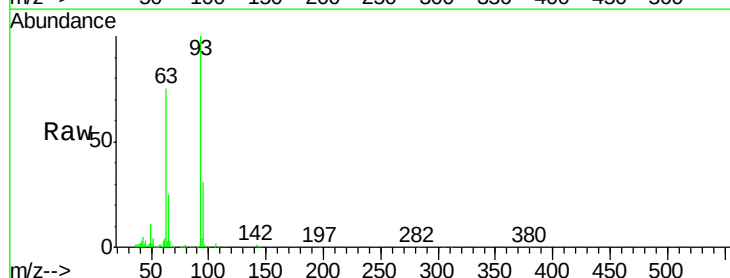
Tgt Ion: 93 Resp: 181041

Ion Ratio Lower Upper

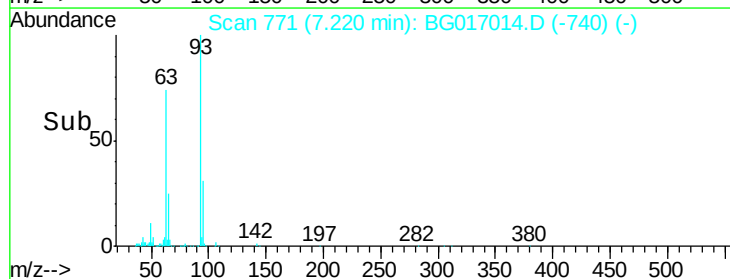
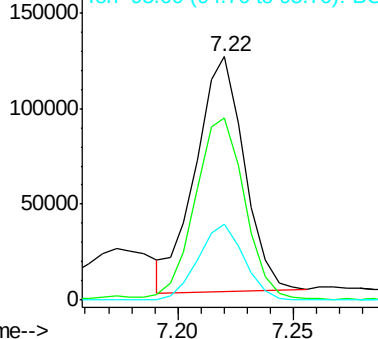
93 100

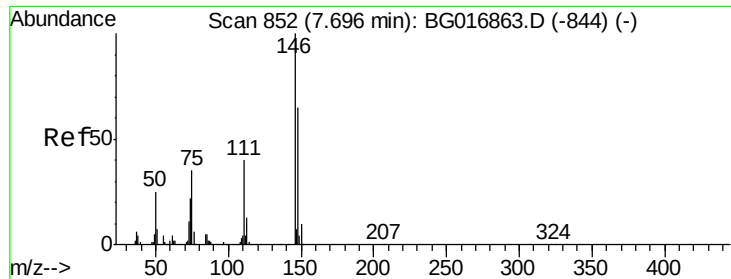
63 74.7 61.2 101.2

95 31.2 15.0 55.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

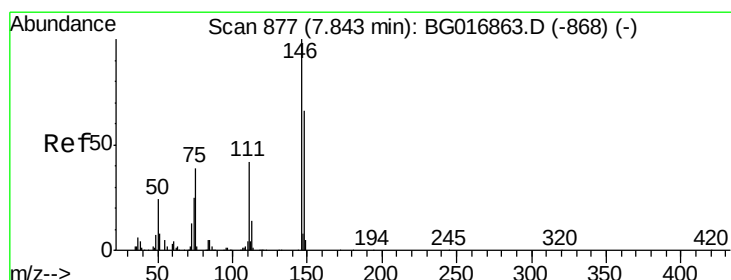
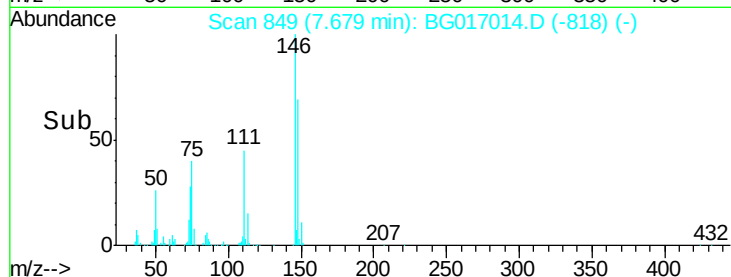
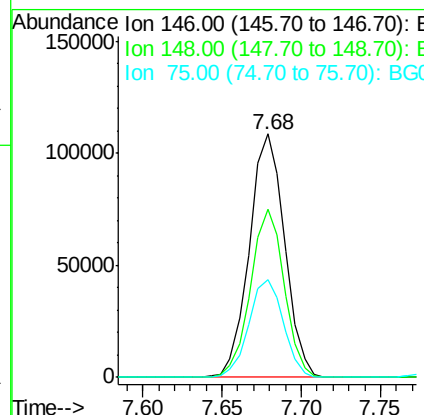
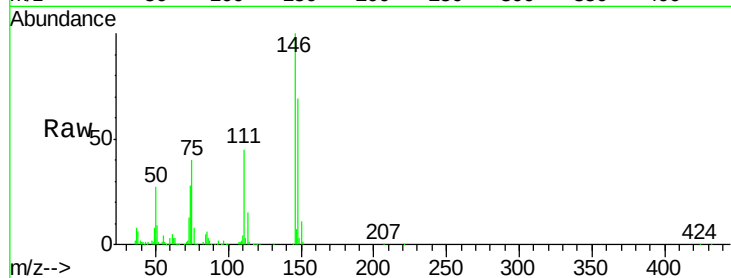




#12
 1,3-Dichlorobenzene
 Concen: 36.22 ng
 RT: 7.68 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

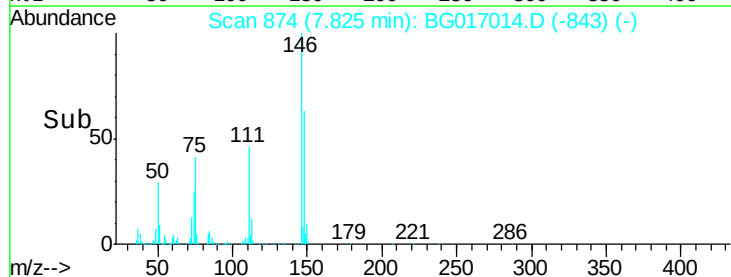
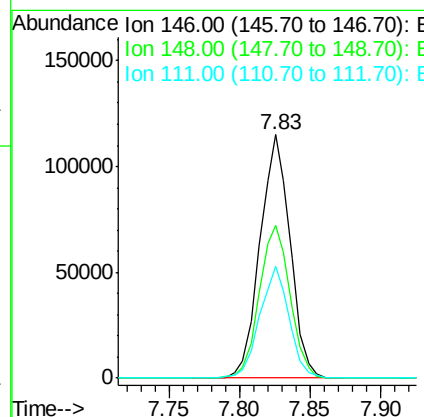
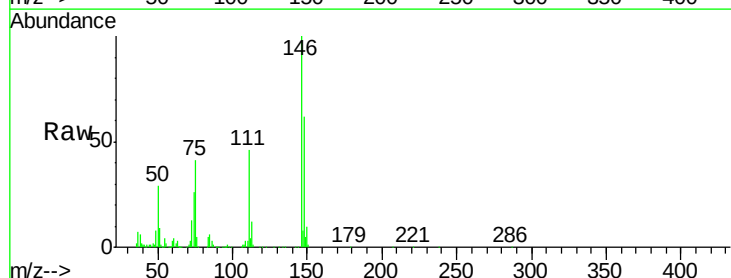
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

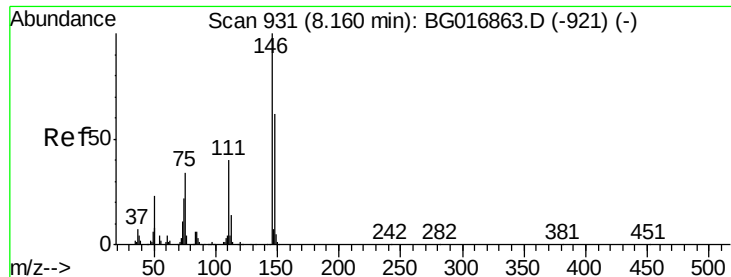
Tgt Ion:146 Resp: 167672
 Ion Ratio Lower Upper
 146 100
 148 68.8 51.9 77.9
 75 39.9 28.2 42.2



#13
 1,4-Dichlorobenzene
 Concen: 36.73 ng
 RT: 7.83 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion:146 Resp: 172212
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.8 79.2
 111 45.8 33.9 50.9

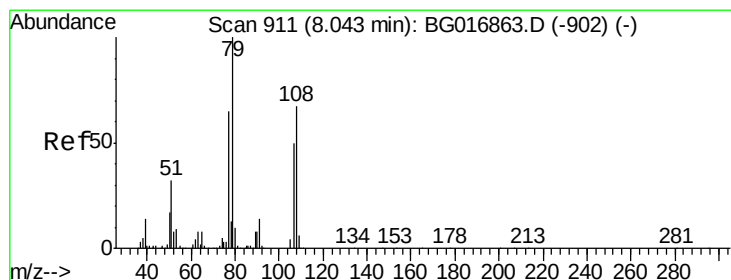
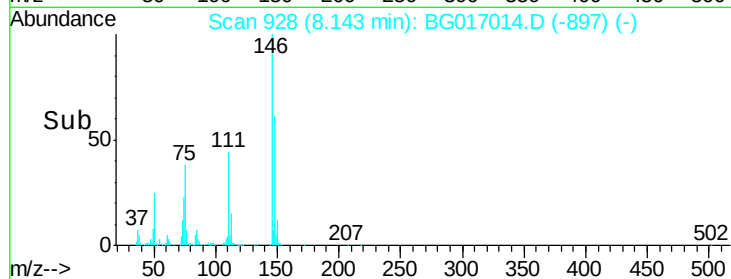
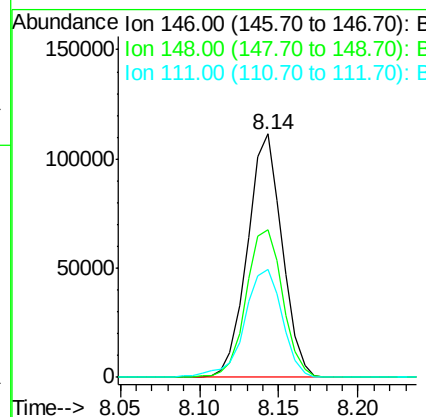
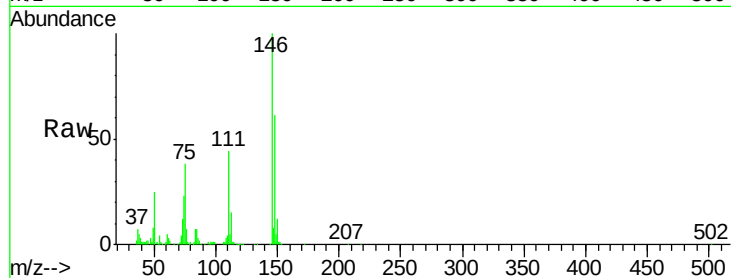




#14
 1,2-Dichlorobenzene
 Concen: 37.48 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

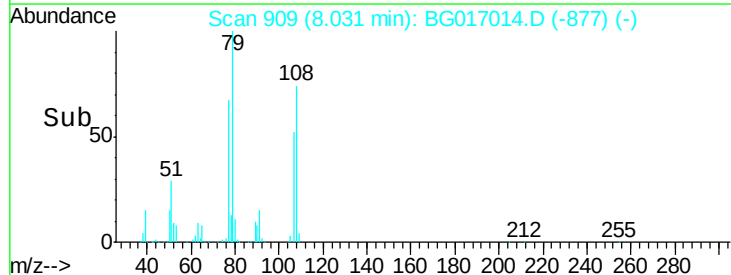
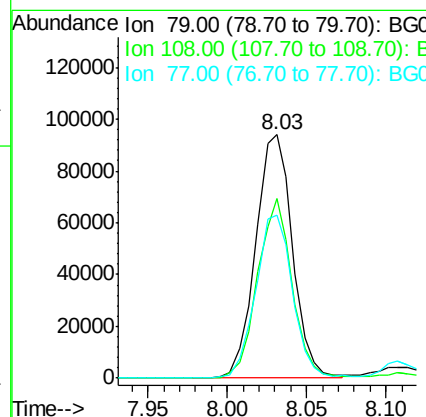
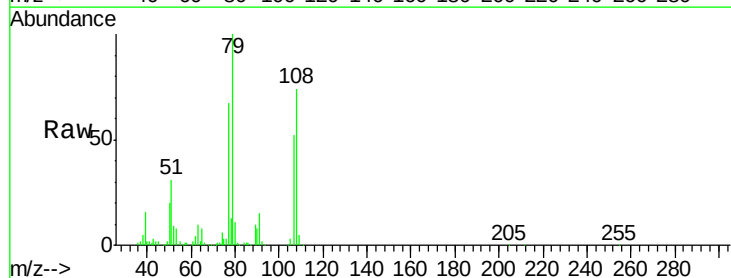
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

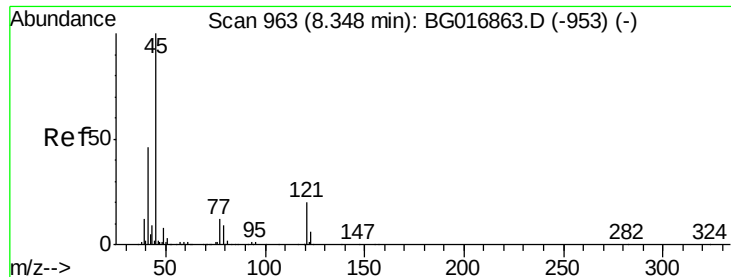
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.9	74.9
111	44.2	32.1	48.1



#15
 Benzyl Alcohol
 Concen: 32.08 ng
 RT: 8.03 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.7	53.4	80.2
77	67.2	52.2	78.2

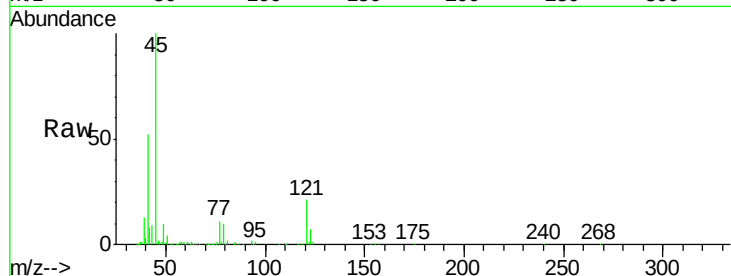




#16
 2,2'-oxybis(1-chloropropane)
 Concen: 37.02 ng
 RT: 8.32 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

Tgt Ion:	45	Resp:	294165
Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	31.8
79	10.3	0.0	29.1

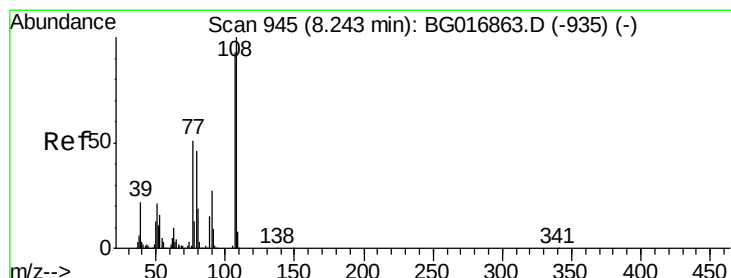
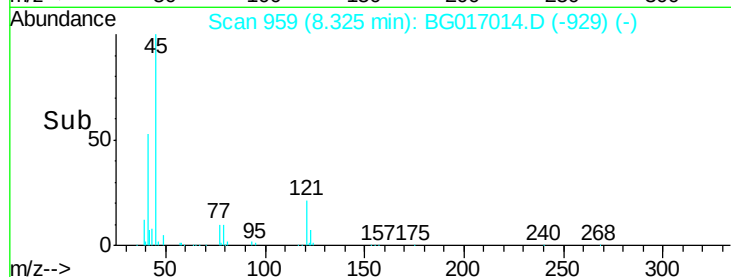
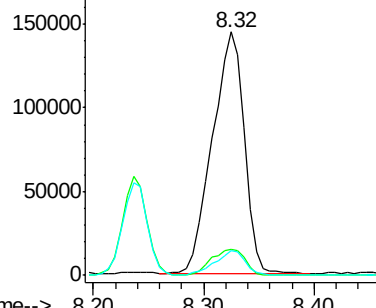


Abundance

Ion 45.00 (44.70 to 45.70): BGC

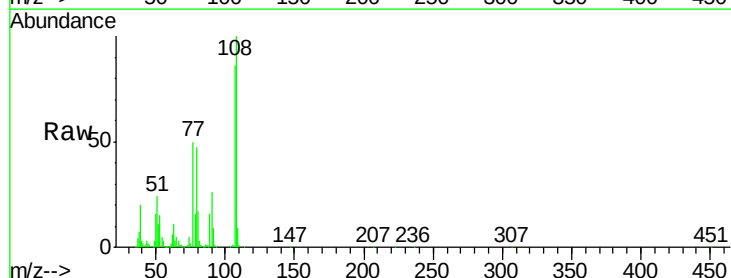
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#17
 2-Methylphenol
 Concen: 40.86 ng
 RT: 8.24 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion:	107	Resp:	159739
Ion	Ratio	Lower	Upper
107	100		
108	116.6	85.9	128.9
77	58.1	43.8	65.6
79	54.4	39.8	59.6



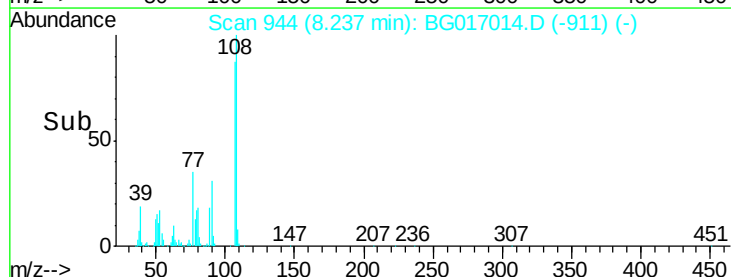
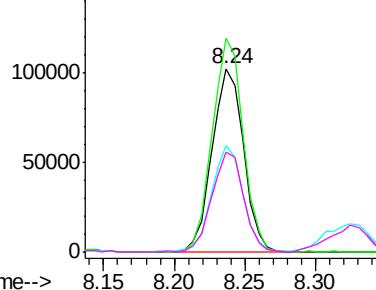
Abundance

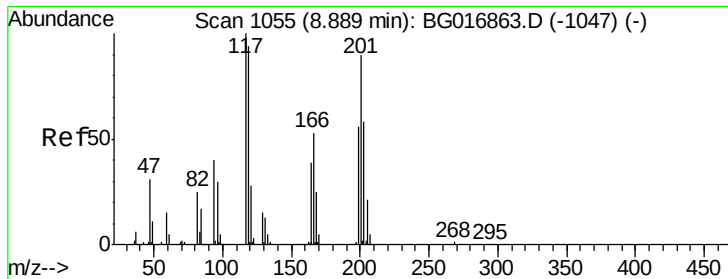
Ion 107.00 (106.70 to 107.70): BGC

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

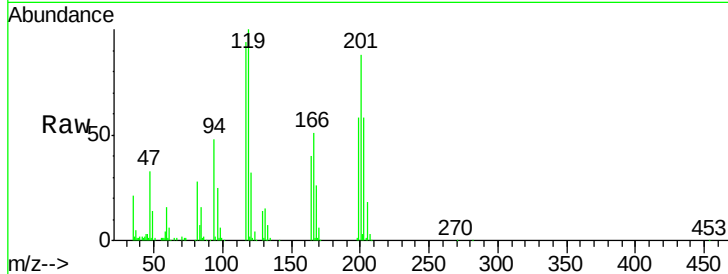




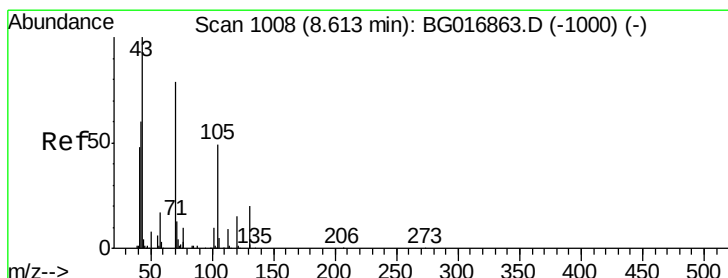
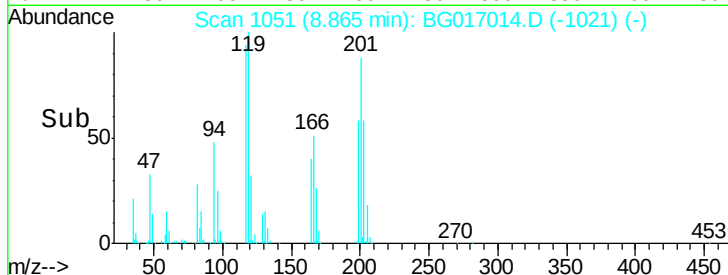
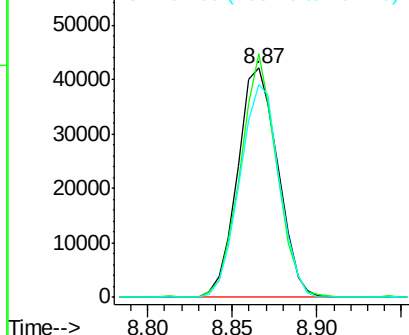
#18
Hexachloroethane
Concen: 36.27 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Tgt Ion: 117 Resp: 69907
Ion Ratio Lower Upper
117 100
119 106.4 74.8 112.2
201 93.1 72.1 108.1

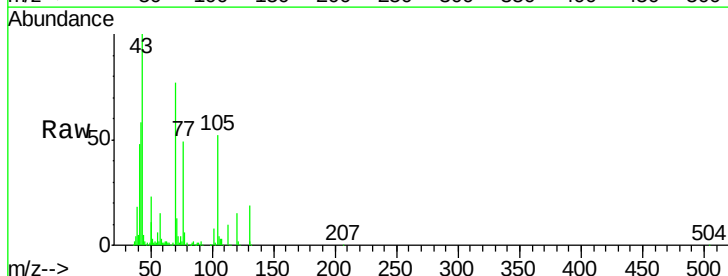


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

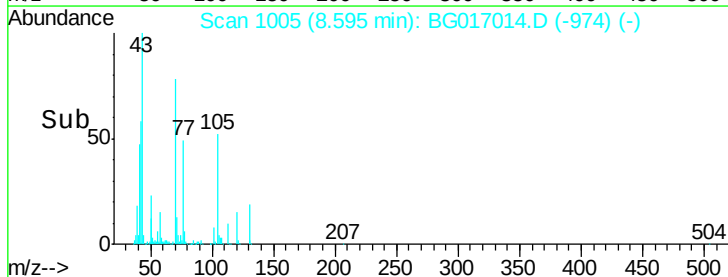
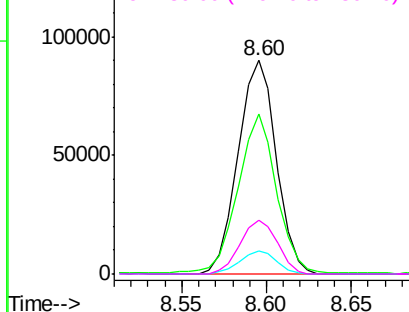


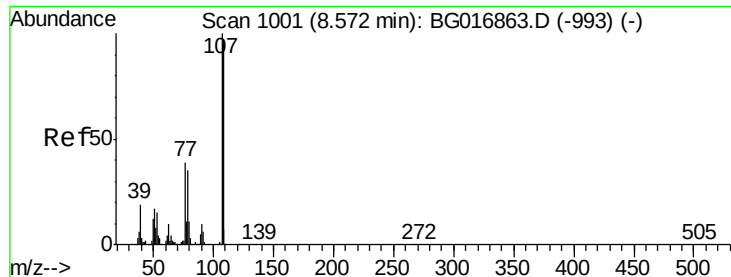
#19
n-Nitroso-di-n-propylamine
Concen: 31.18 ng
RT: 8.60 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 70 Resp: 141557
Ion Ratio Lower Upper
70 100
42 75.2 61.5 92.3
101 10.9 9.8 14.6
130 24.9 20.2 30.4



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

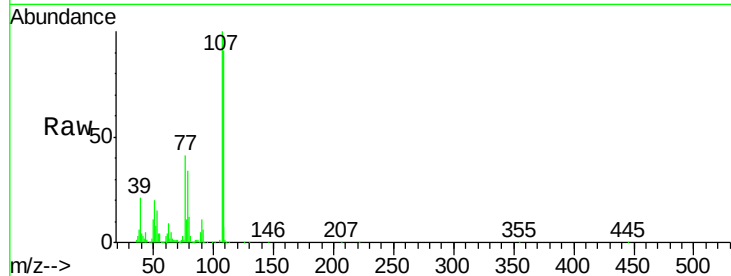




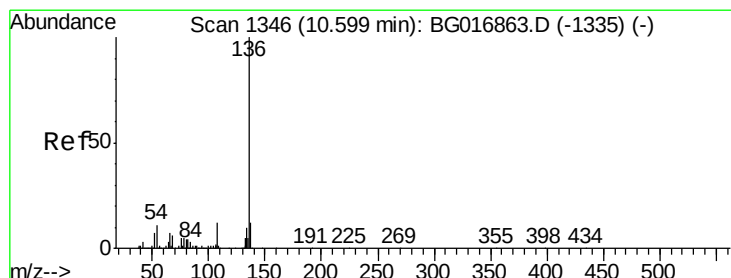
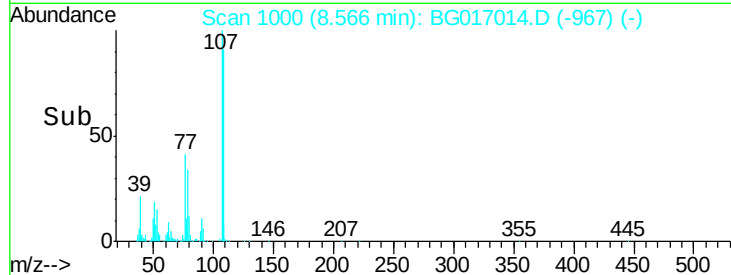
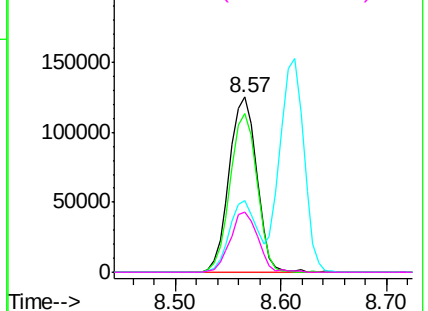
#20
3+4-Methylphenols
Concen: 41.85 ng
RT: 8.57 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Tgt Ion:	107	Resp:	225469
Ion	Ratio	Lower	Upper
107	100		
108	90.9	76.6	116.6
77	41.1	19.0	59.0
79	34.4	15.0	55.0

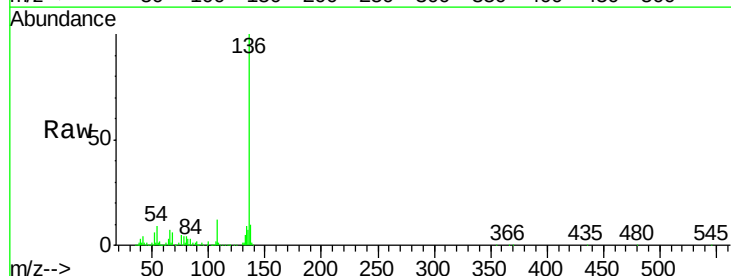


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

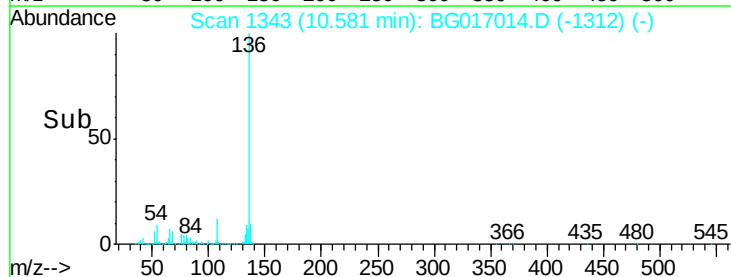
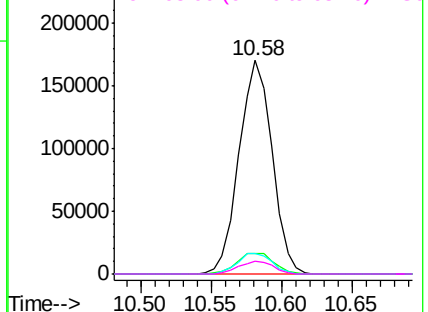


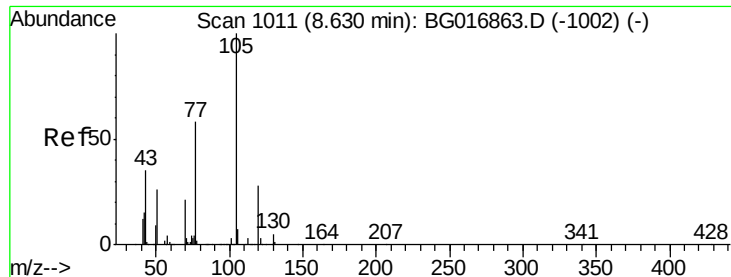
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:	136	Resp:	279496
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.8	14.8#
54	9.3	8.7	13.1
68	5.8	5.0	7.4



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

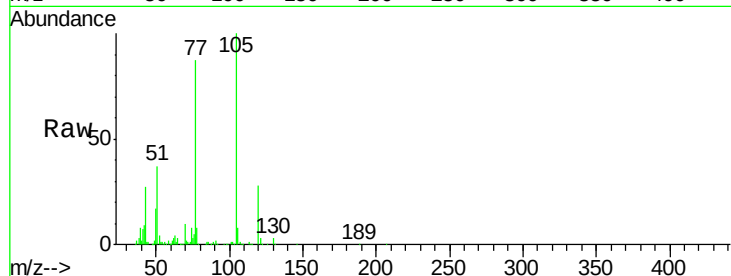




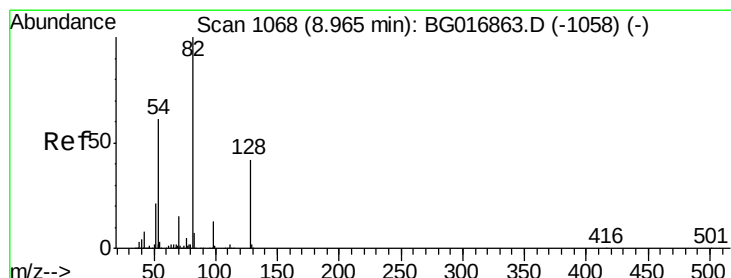
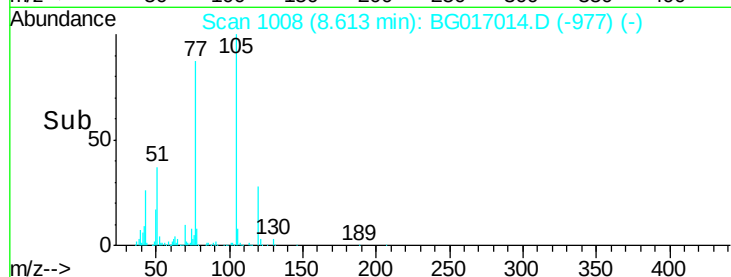
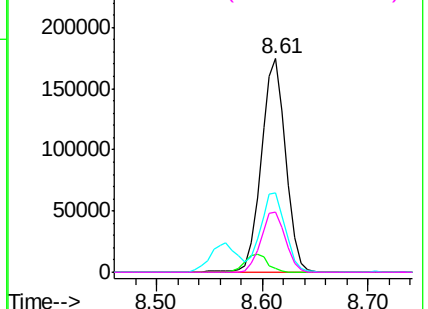
#22
Acetophenone
Concen: 41.92 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Tgt Ion: 105 Resp: 279093
Ion Ratio Lower Upper
105 100
71 1.9 2.8 4.2#
51 37.3 29.4 44.2
120 28.2 22.2 33.4

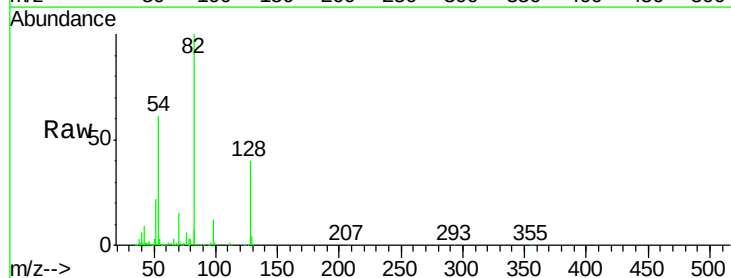


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

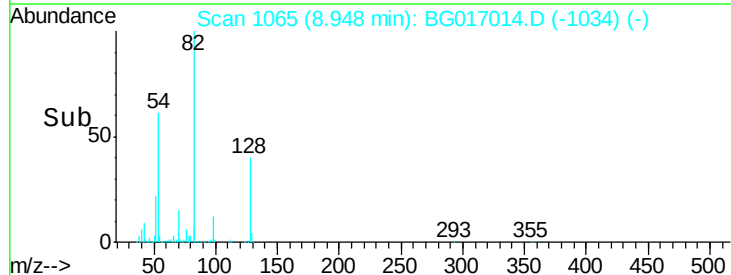
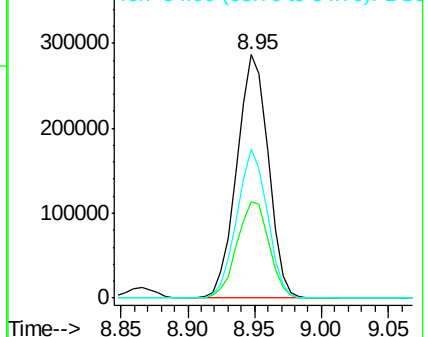


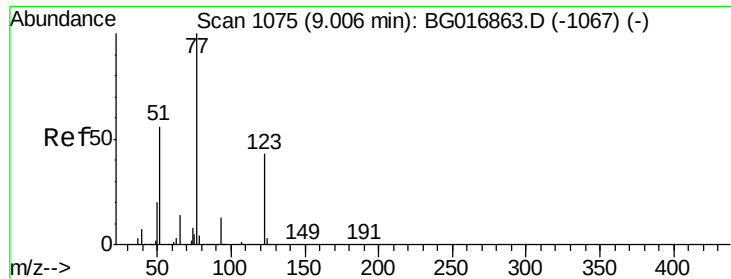
#23
Nitrobenzene-d5
Concen: 81.63 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 82 Resp: 467023
Ion Ratio Lower Upper
82 100
128 39.7 33.2 49.8
54 61.2 48.6 72.8



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

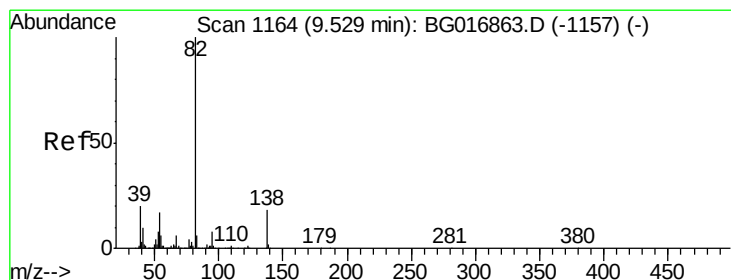
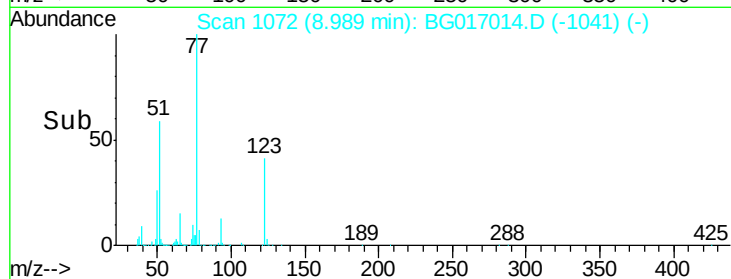
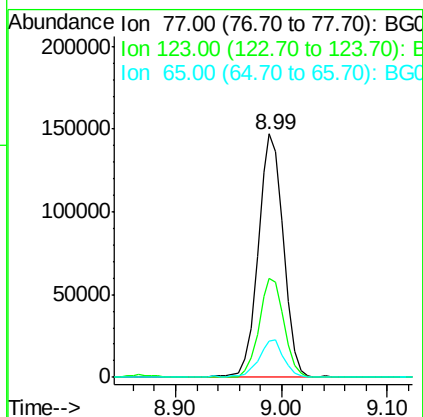
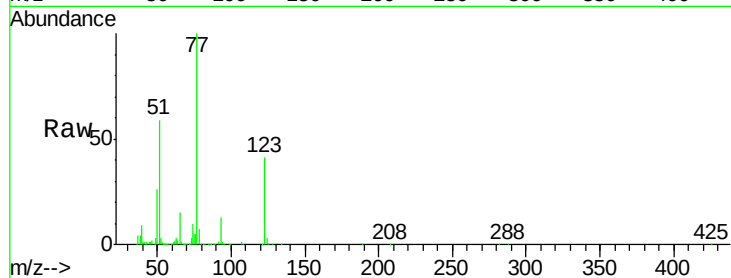




#24
 Nitrobenzene
 Concen: 42.30 ng
 RT: 8.99 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

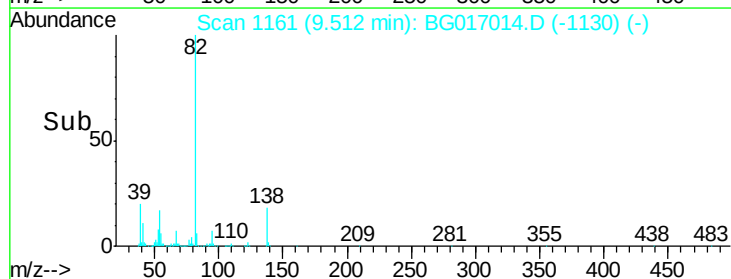
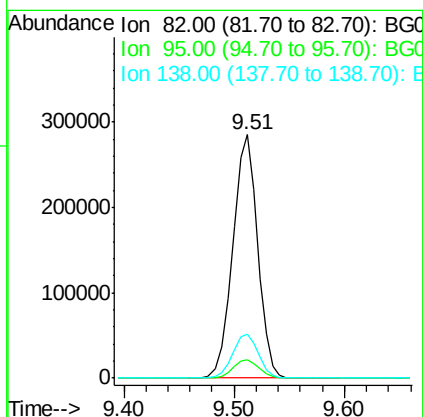
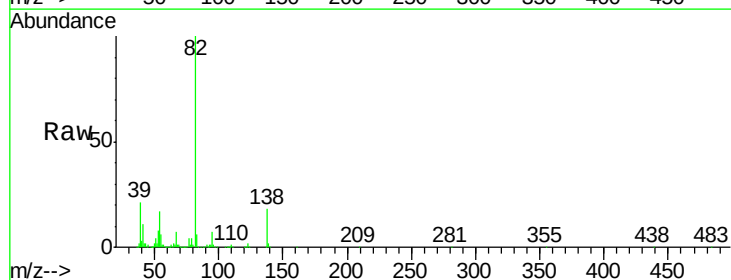
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

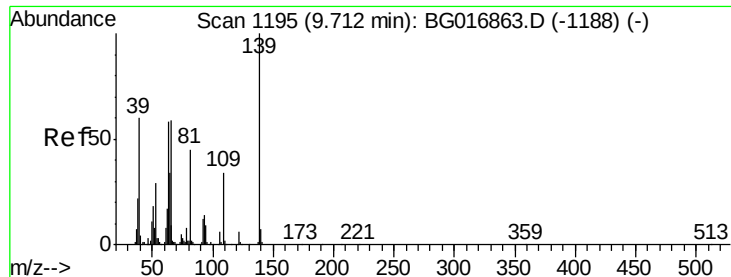
Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	34.0	51.0
65	15.0	11.2	16.8



#25
 Isophorone
 Concen: 38.90 ng
 RT: 9.51 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.7	10.1
138	18.1	14.7	22.1

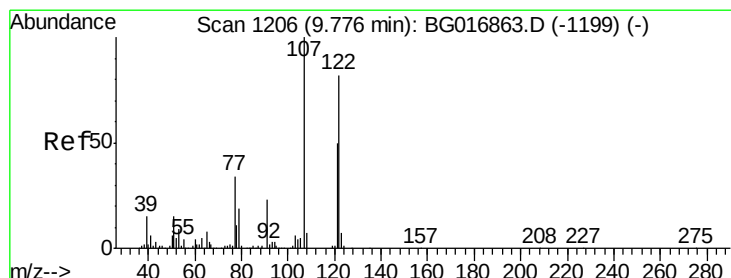
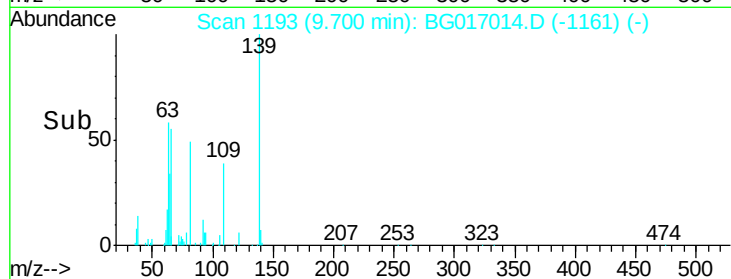
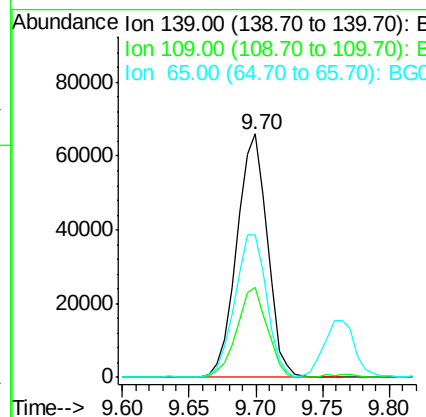
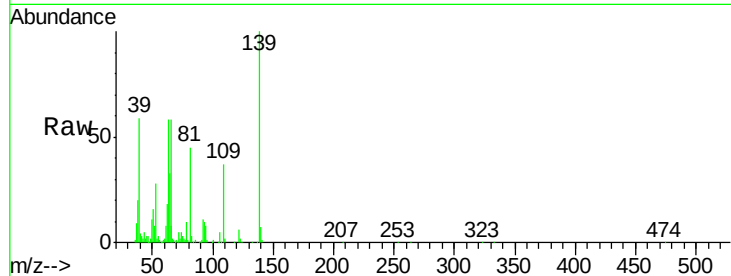




#26
2-Nitrophenol
Concen: 44.77 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

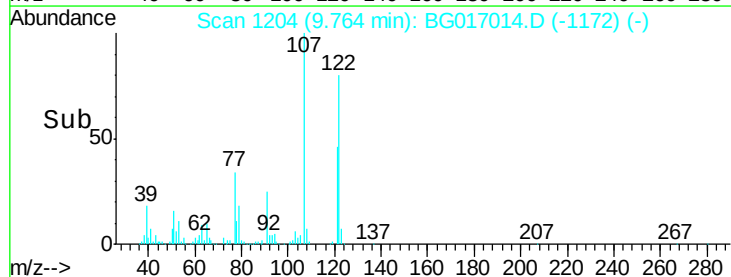
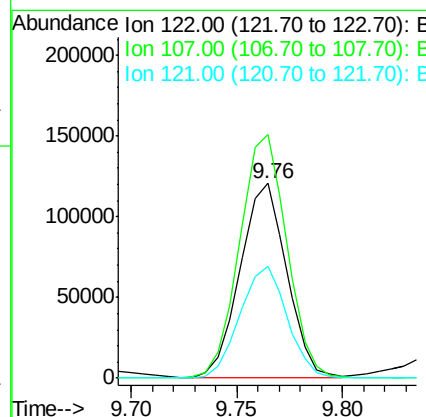
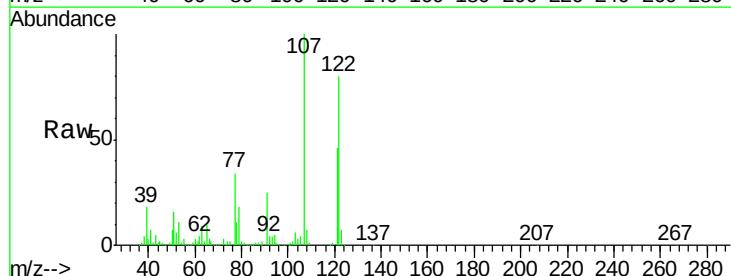
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

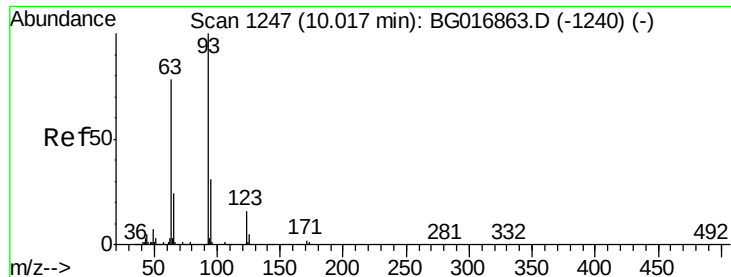
Tgt Ion:139 Resp: 105321
Ion Ratio Lower Upper
139 100
109 37.1 27.4 41.2
65 58.3 47.1 70.7



#27
2,4-Dimethylphenol
Concen: 43.11 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:122 Resp: 183540
Ion Ratio Lower Upper
122 100
107 125.1 97.6 146.4
121 57.3 48.4 72.6

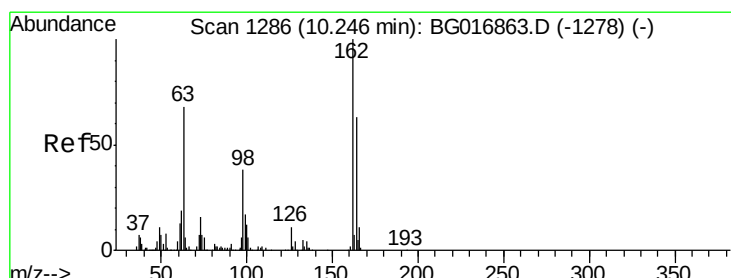
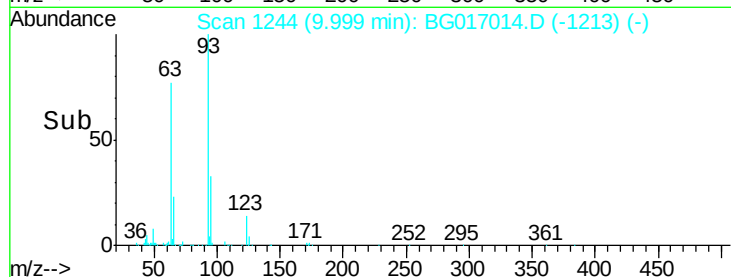
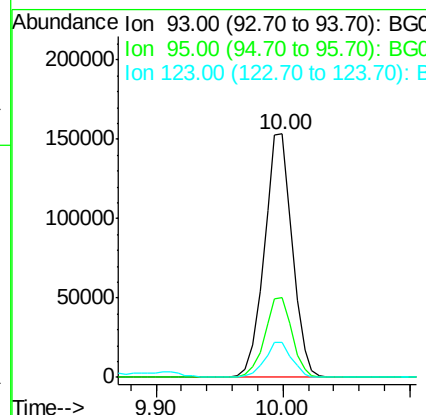
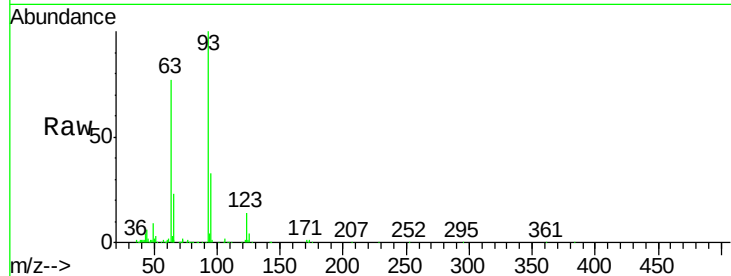




#28
bis(2-Chloroethoxy)methane
Concen: 40.29 ng
RT: 10.00 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

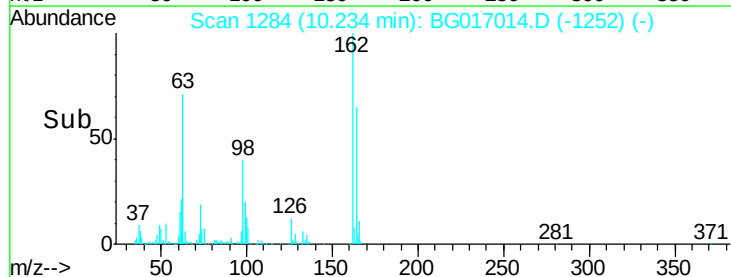
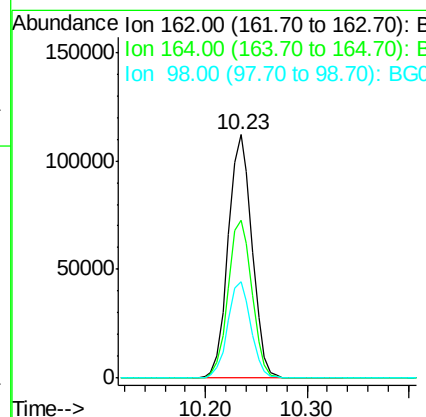
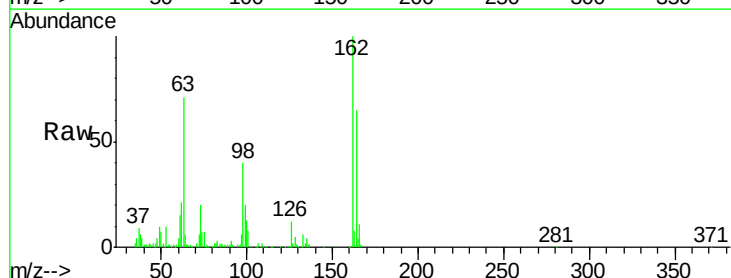
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

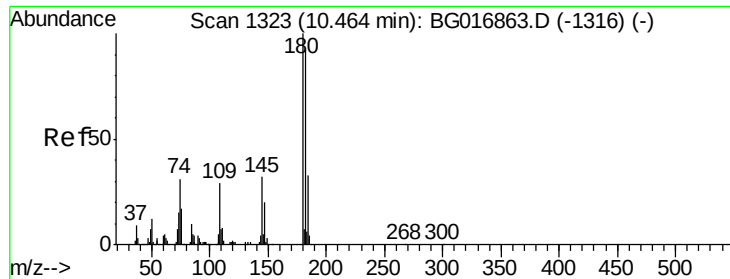
Tgt Ion: 93 Resp: 234950
Ion Ratio Lower Upper
93 100
95 32.8 24.8 37.2
123 14.2 12.6 19.0



#29
2,4-Dichlorophenol
Concen: 45.38 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 162 Resp: 182520
Ion Ratio Lower Upper
162 100
164 64.9 42.9 82.9
98 39.5 18.4 58.4

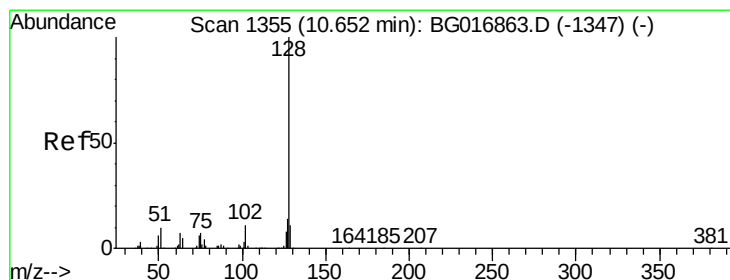
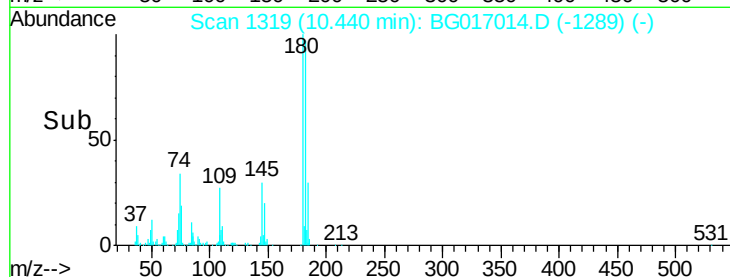
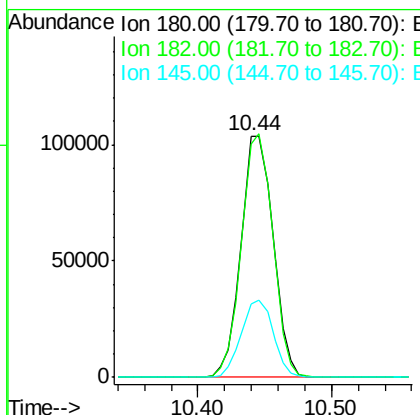
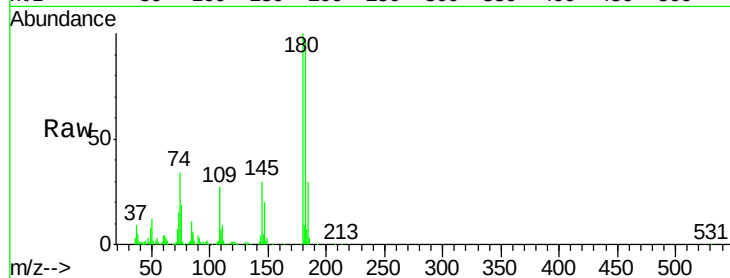




#30
1,2,4-Trichlorobenzene
Concen: 40.57 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

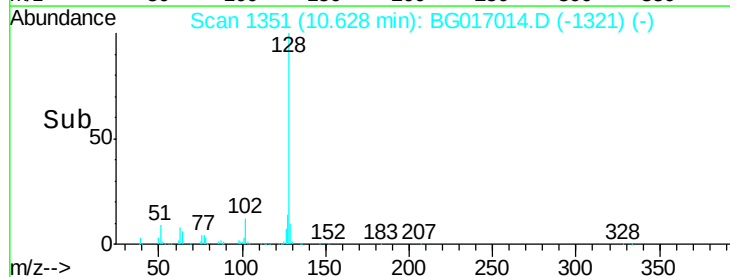
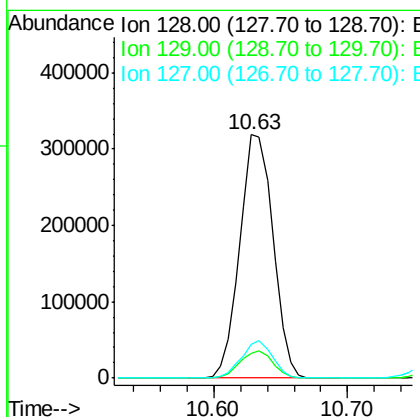
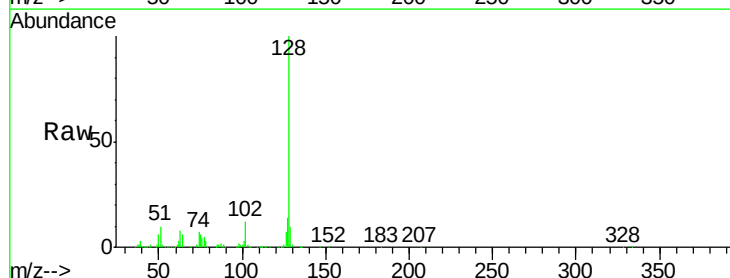
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

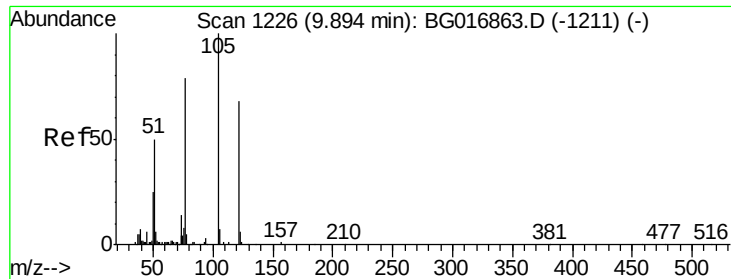
Tgt Ion:180 Resp: 173015
Ion Ratio Lower Upper
180 100
182 97.0 73.8 110.8
145 30.4 25.4 38.0



#31
Naphthalene
Concen: 39.53 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:128 Resp: 549544
Ion Ratio Lower Upper
128 100
129 10.2 9.1 13.7
127 13.7 10.9 16.3

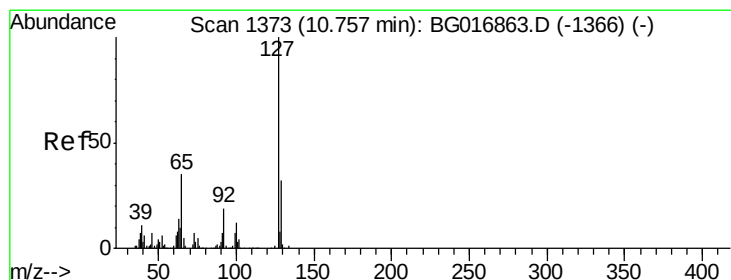
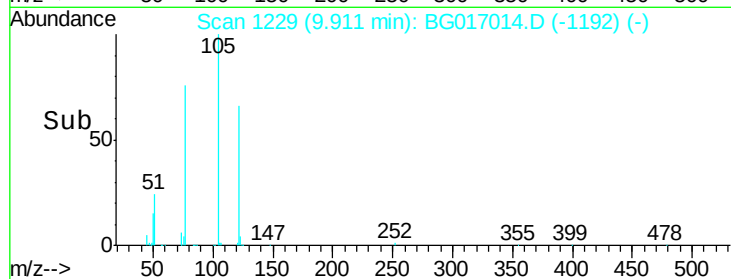
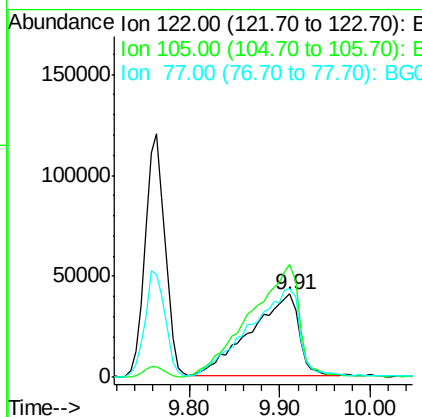
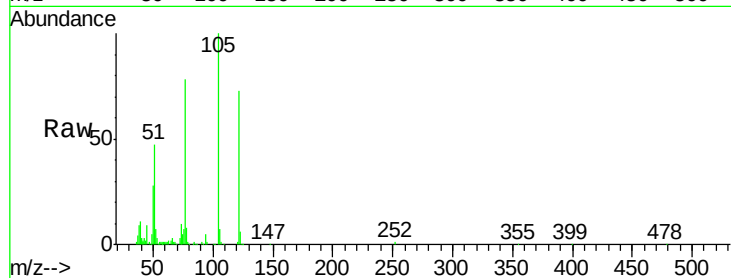




#32
Benzoic acid
Concen: 55.72 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

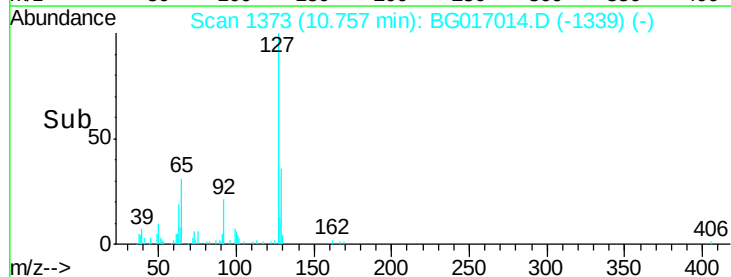
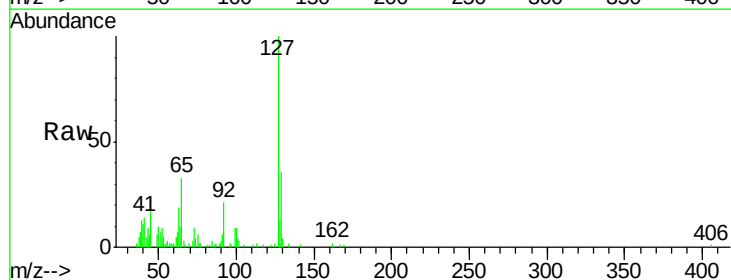
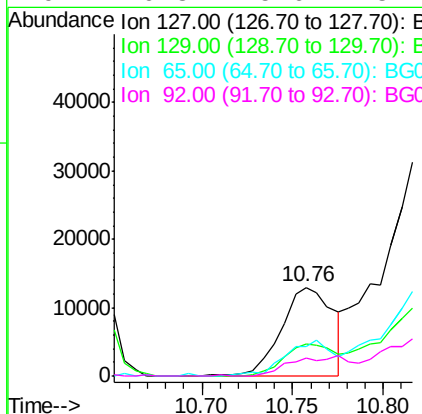
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

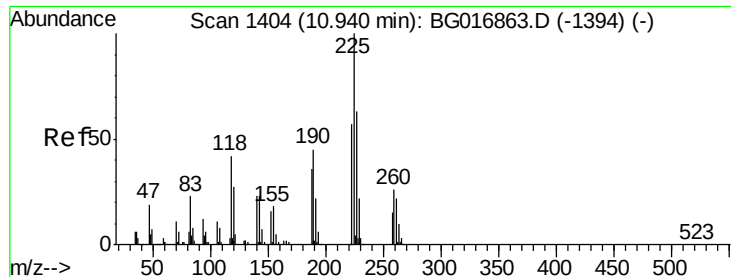
Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.3	123.2	163.2
77	106.1	93.0	133.0



#33
4-Chloroaniline
Concen: 4.02 ng
RT: 10.76 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.8	38.6
65	32.8	28.2	42.2
92	20.8	15.6	23.4

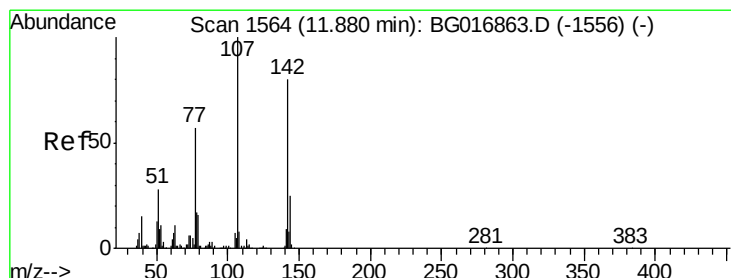
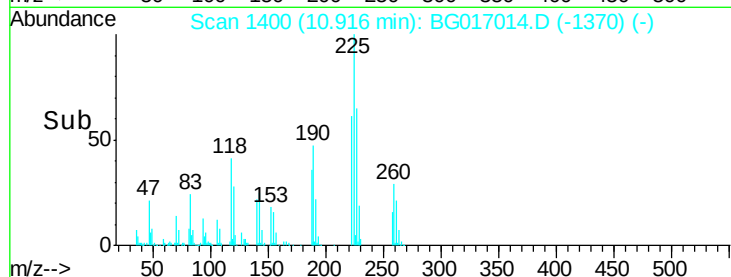
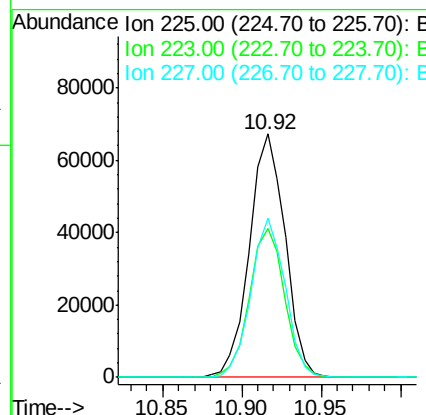
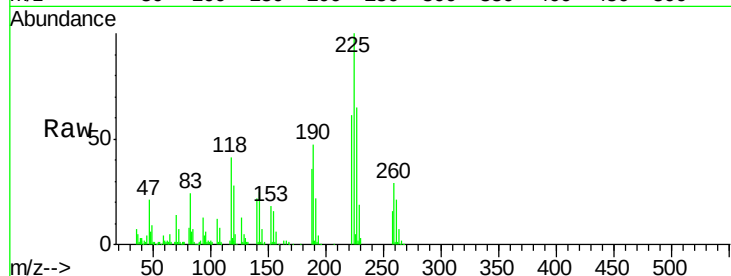




#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 10.92 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

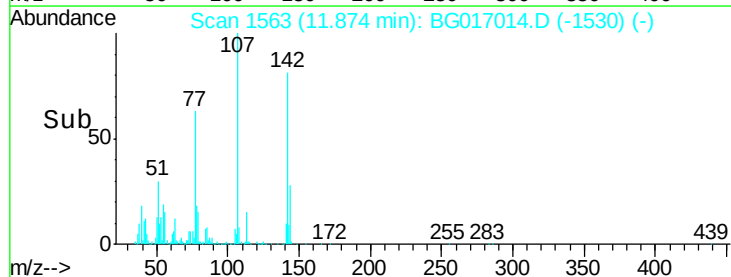
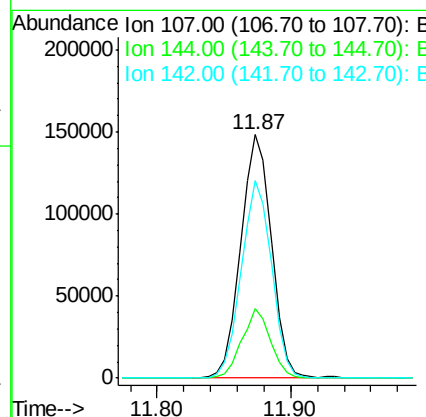
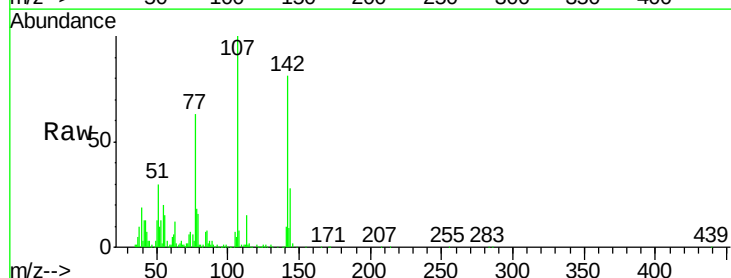
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

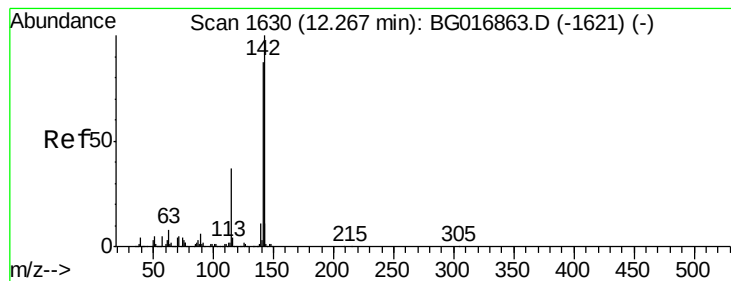
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	45.8	68.6
227	65.3	50.7	76.1



#36
4-Chloro-3-methylphenol
Concen: 45.76 ng
RT: 11.87 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	20.2	30.2
142	81.0	64.2	96.2





#37

2-Methylnaphthalene

Concen: 40.68 ng

RT: 12.24 min Scan# 1626

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

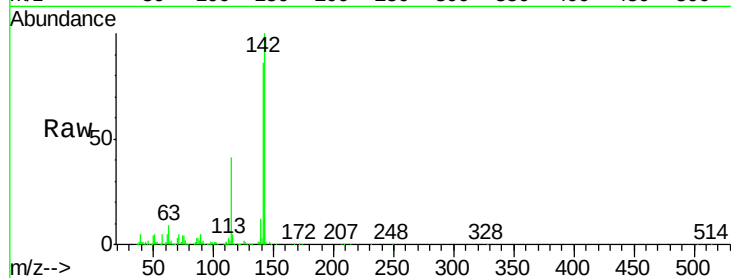
Tgt Ion:142 Resp: 430766

Ion Ratio Lower Upper

142 100

141 86.5 69.9 104.9

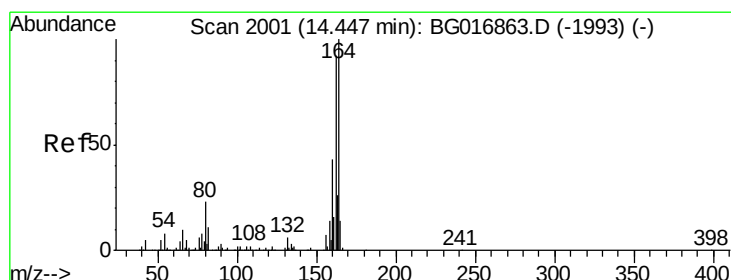
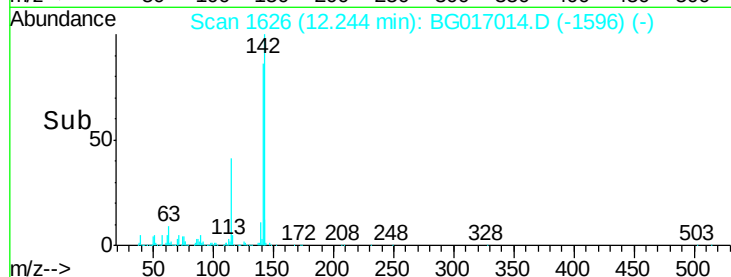
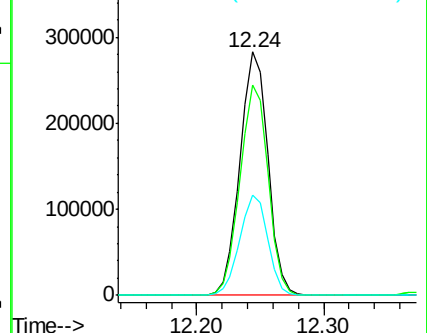
115 41.1 29.8 44.8



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: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

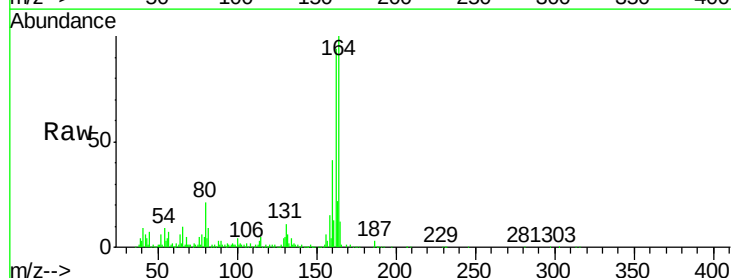
Tgt Ion:164 Resp: 191132

Ion Ratio Lower Upper

164 100

162 94.5 74.0 111.0

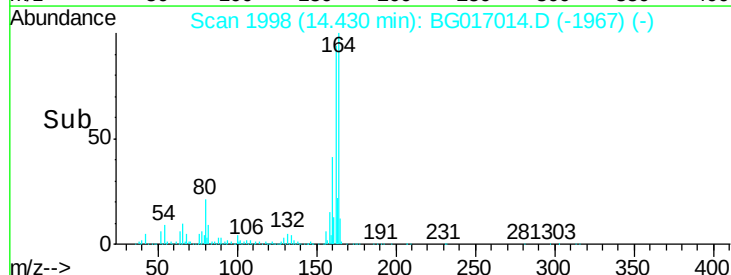
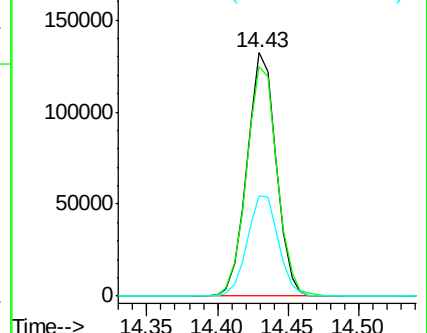
160 41.3 34.7 52.1

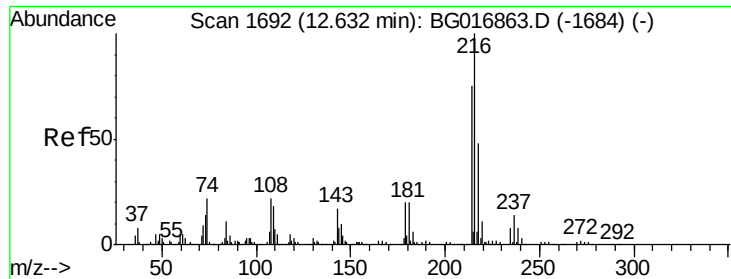


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

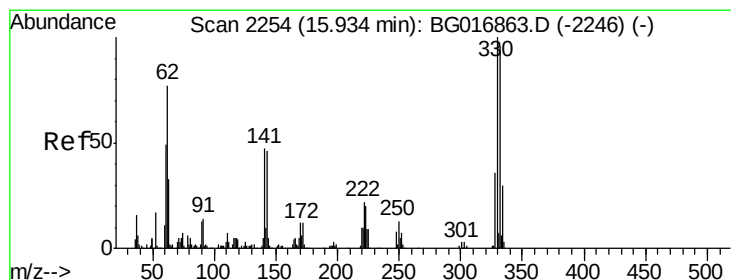
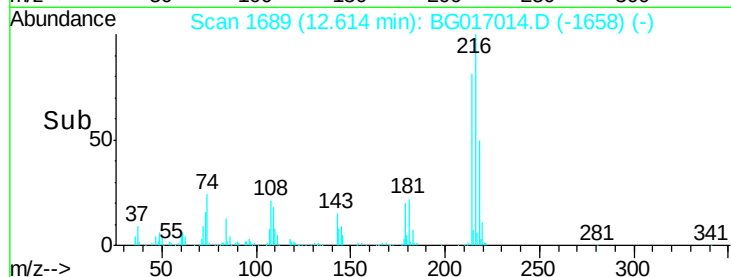
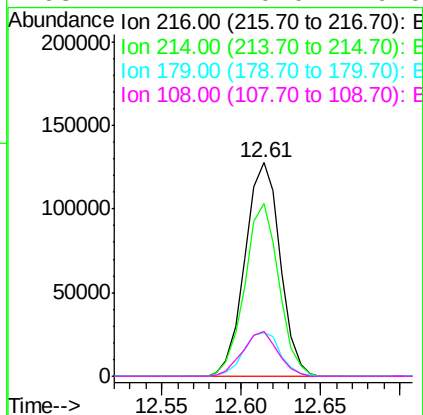
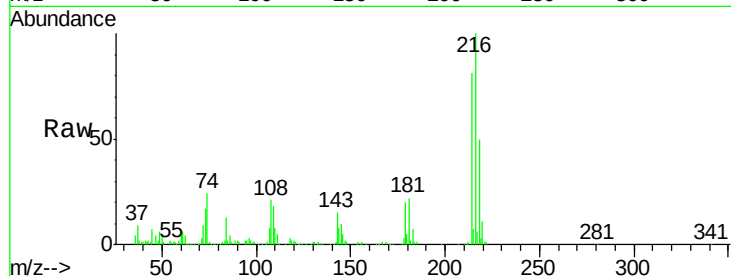




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.06 ng
 RT: 12.61 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

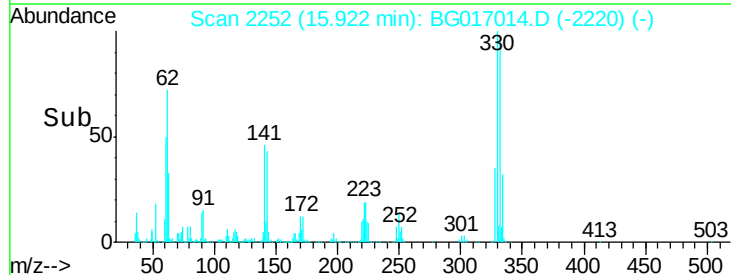
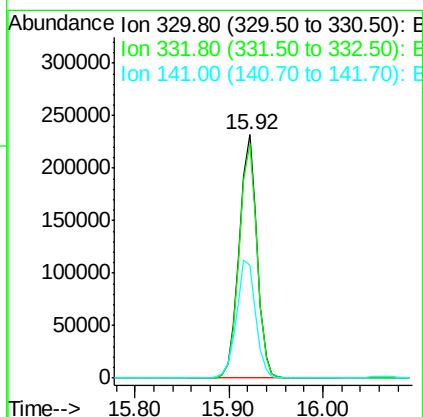
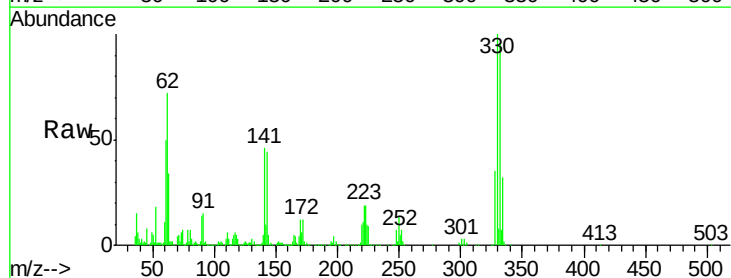
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

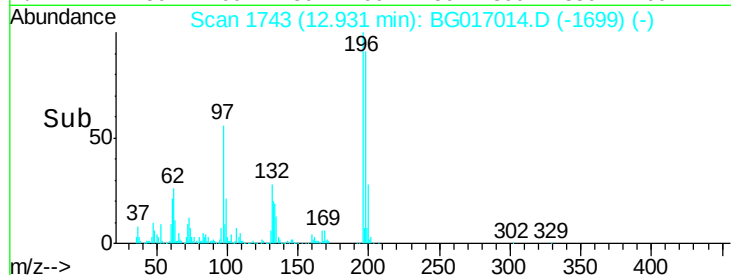
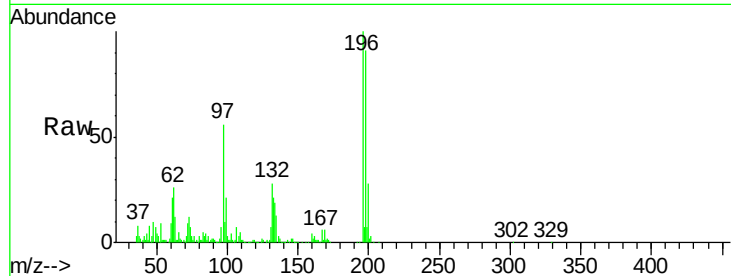
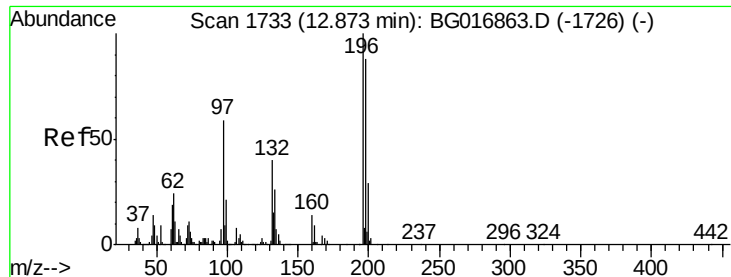
Tgt Ion:	216	Resp:	196649
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.5	0.0	0.0#
108	21.2	0.0	0.0#



#41
 2,4,6-Tribromophenol
 Concen: 158.93 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion:	330	Resp:	304958
Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	51.9	0.0	0.0#

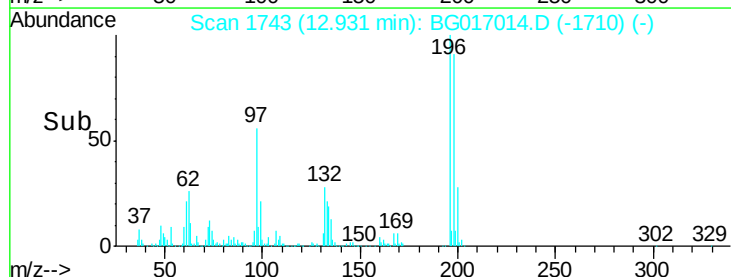
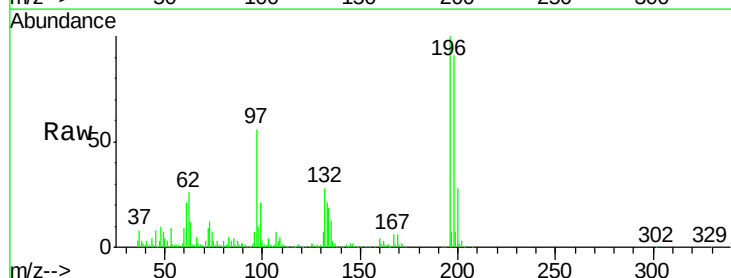
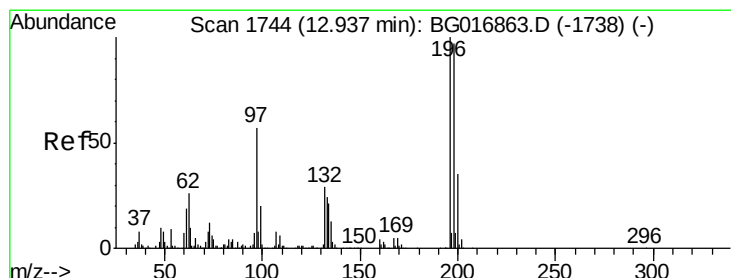
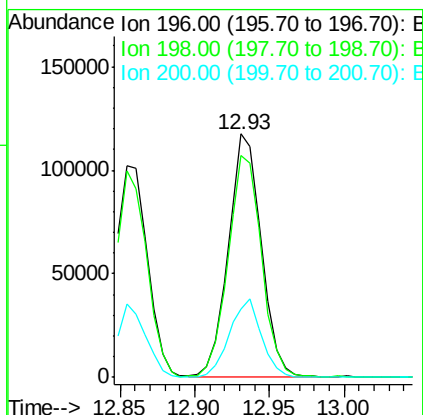




#42
2,4,6-Trichlorophenol
Concen: 49.37 ng
RT: 12.93 min Scan# 1743
Delta R.T. 0.06 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

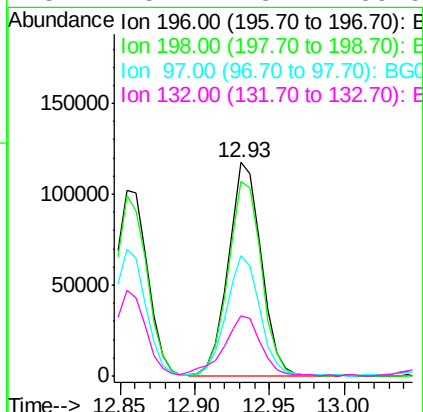
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

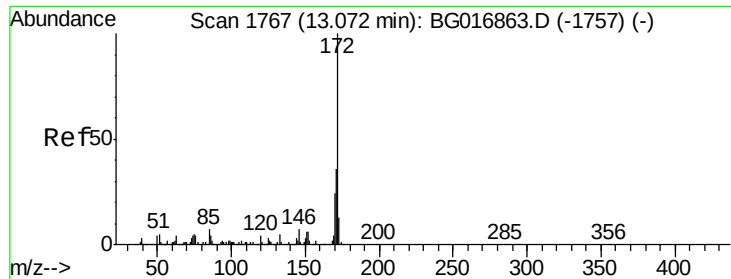
Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	70.7	106.1
200	28.3	23.0	34.4



#43
2,4,5-Trichlorophenol
Concen: 46.51 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	77.5	116.3
97	56.1	45.9	68.9
132	28.4	23.7	35.5





#44

2-Fluorobiphenyl

Concen: 76.82 ng

RT: 13.05 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

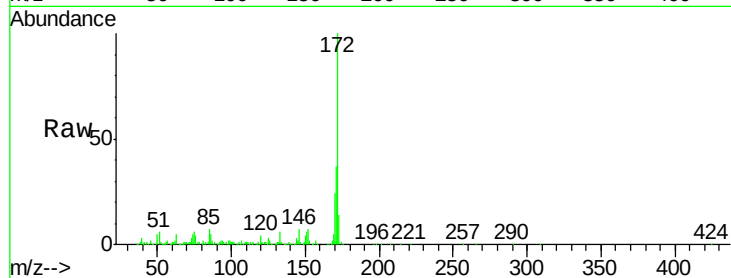
Tgt Ion:172 Resp: 972989

Ion Ratio Lower Upper

172 100

171 37.1 29.0 43.4

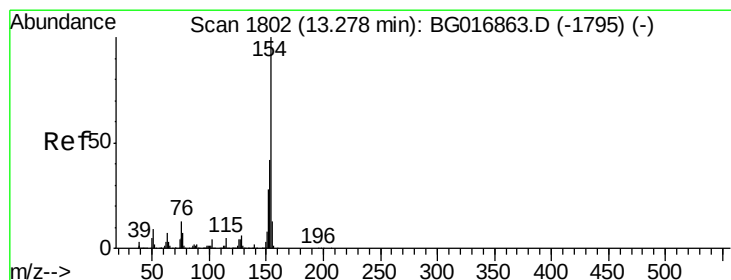
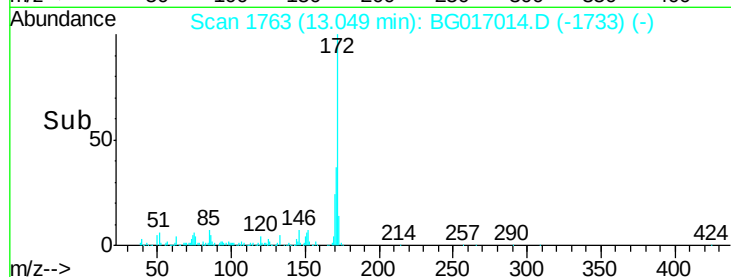
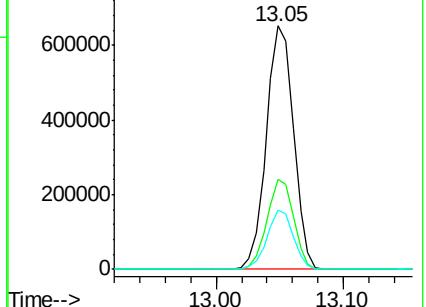
170 24.3 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.58 ng

RT: 13.26 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

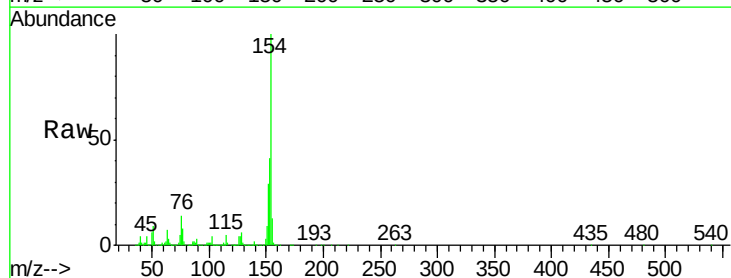
Tgt Ion:154 Resp: 555321

Ion Ratio Lower Upper

154 100

153 41.0 22.0 62.0

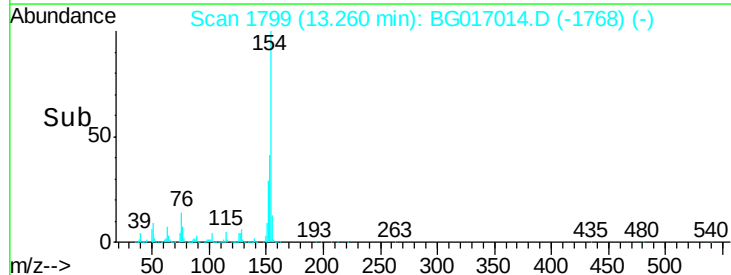
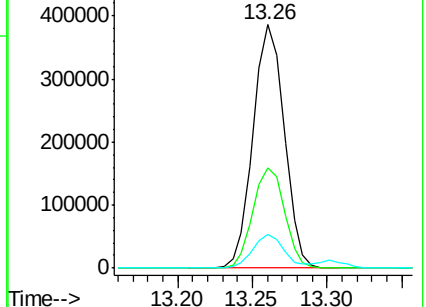
76 13.8 0.0 33.3

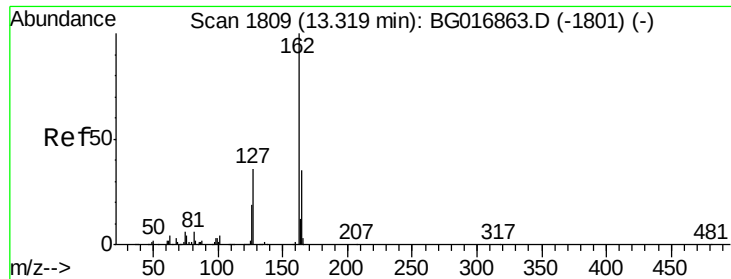


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

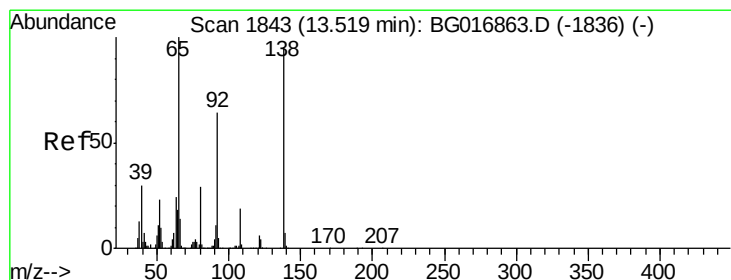
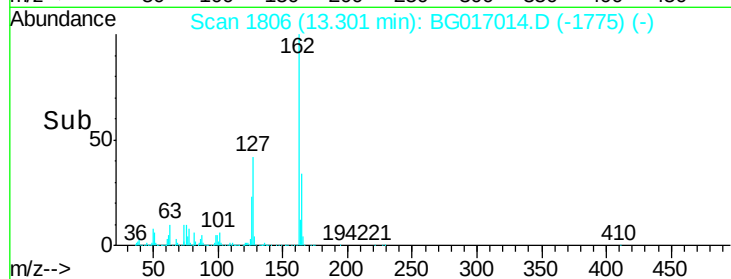
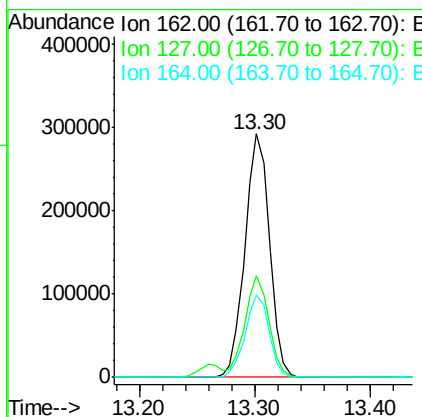
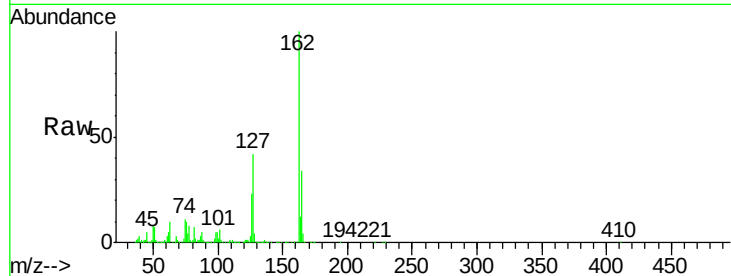




#46
2-Chloronaphthalene
Concen: 39.90 ng
RT: 13.30 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

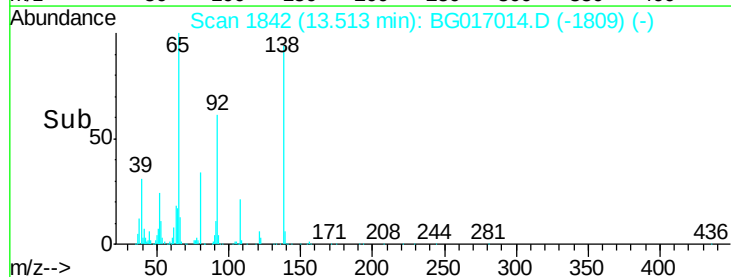
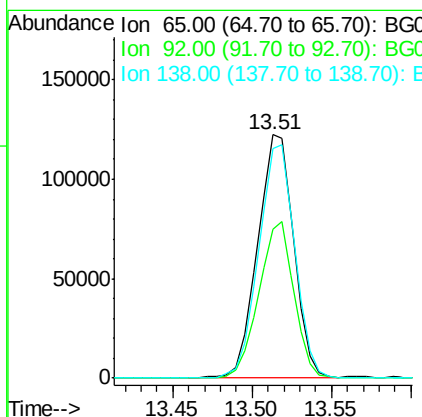
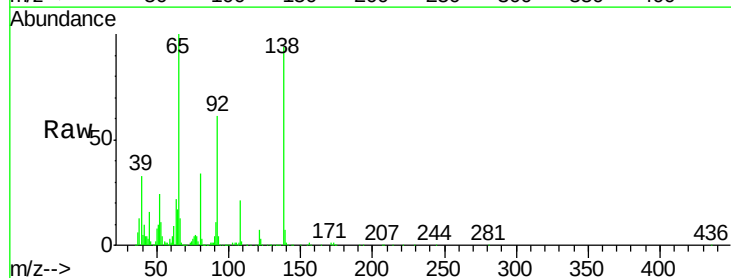
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

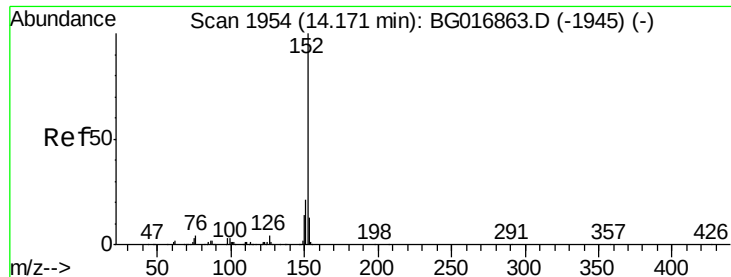
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.2	46.8
164	33.9	27.8	41.6



#47
2-Nitroaniline
Concen: 51.21 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	51.0	76.6
138	94.3	76.2	114.2





#48

Acenaphthylene

Concen: 31.42 ng

RT: 14.15 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

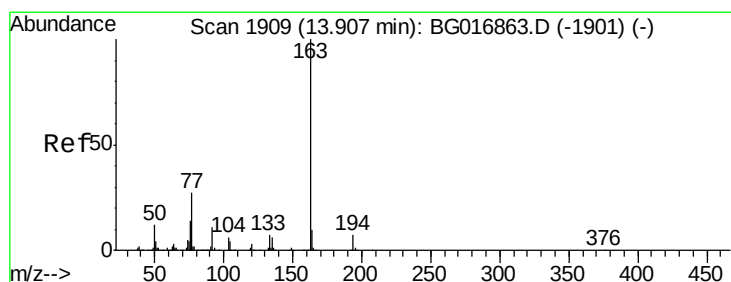
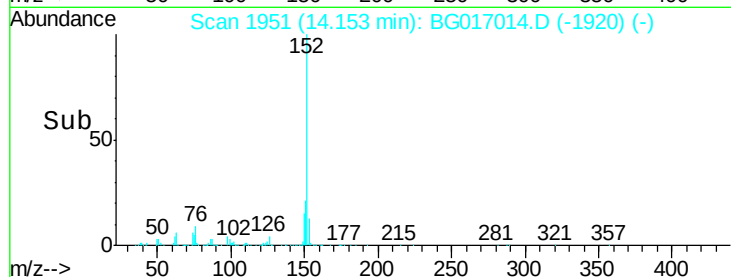
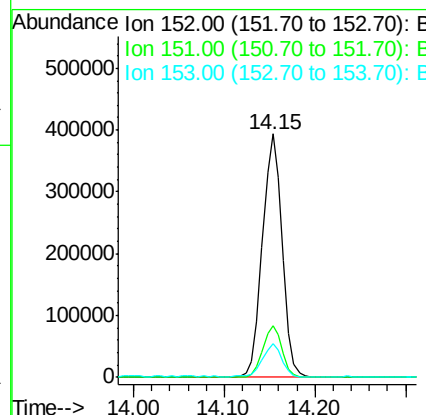
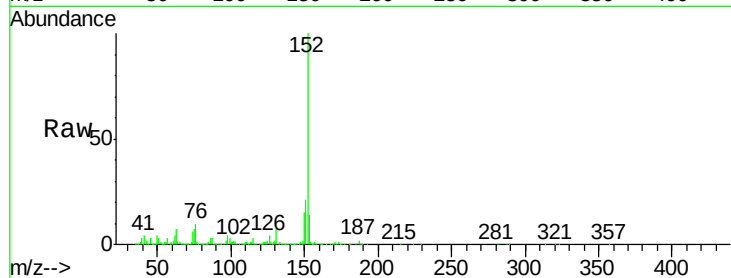
Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

Tgt Ion:	152	Resp:	593087
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.7	10.7	16.1



#49

Dimethylphthalate

Concen: 41.69 ng

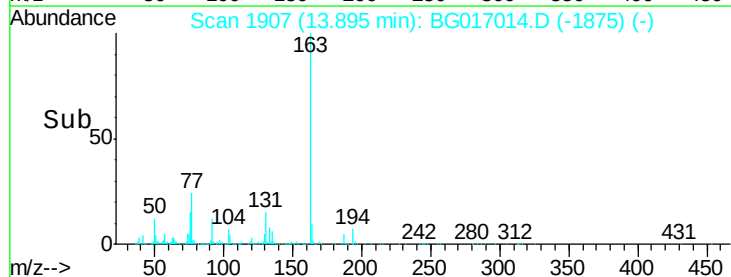
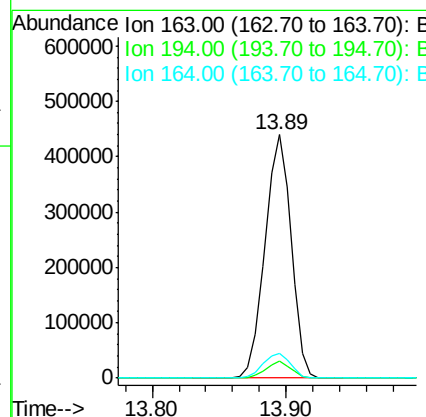
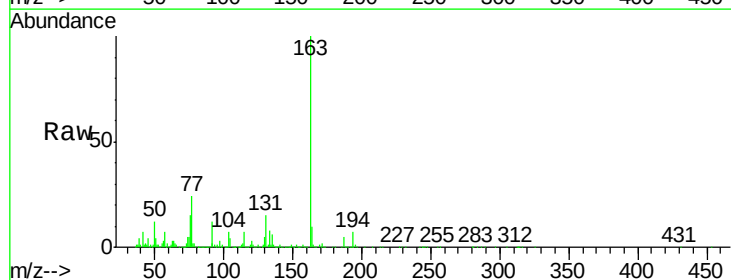
RT: 13.89 min Scan# 1907

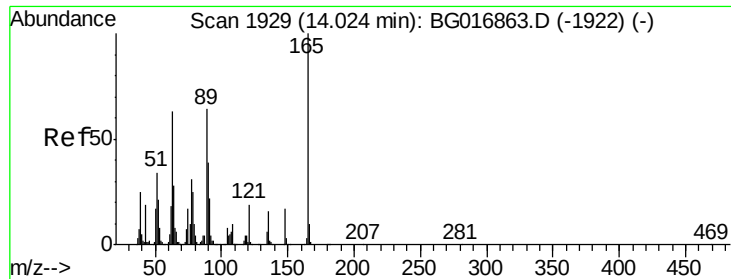
Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Tgt Ion:	163	Resp:	595038
Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.2	7.8
164	10.3	8.4	12.6

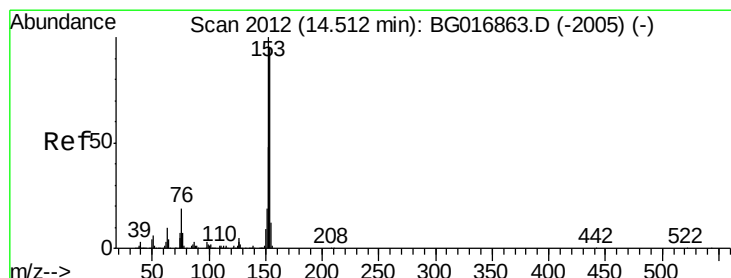
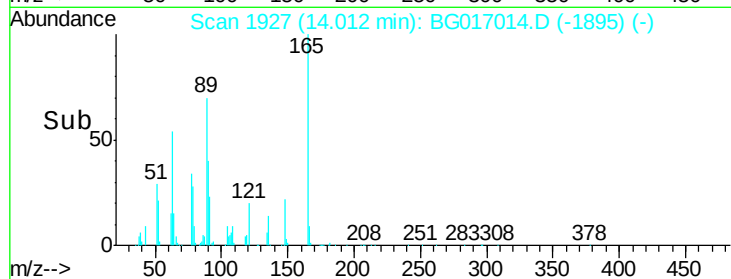
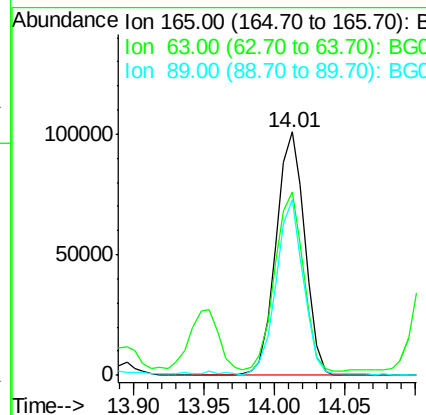
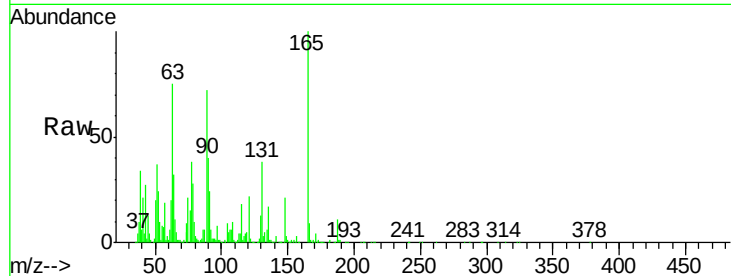




#50
2,6-Dinitrotoluene
Concen: 48.45 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

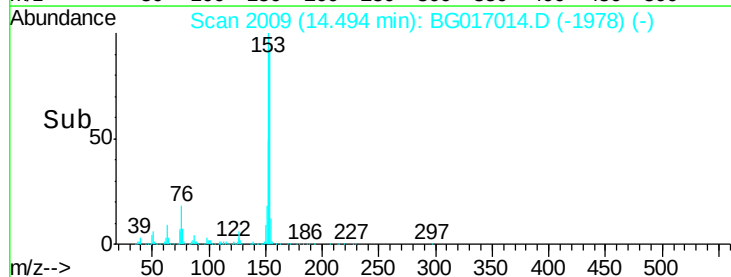
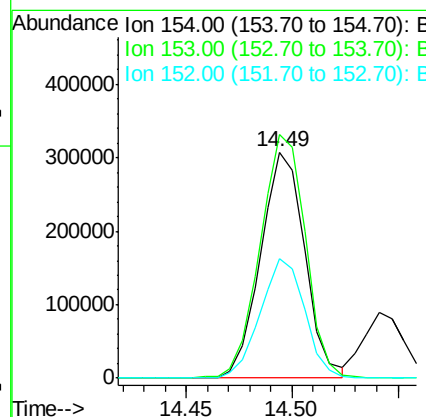
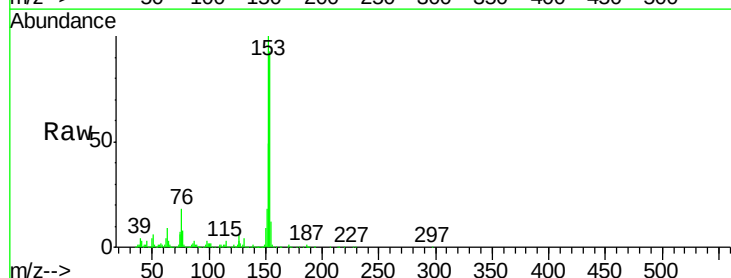
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

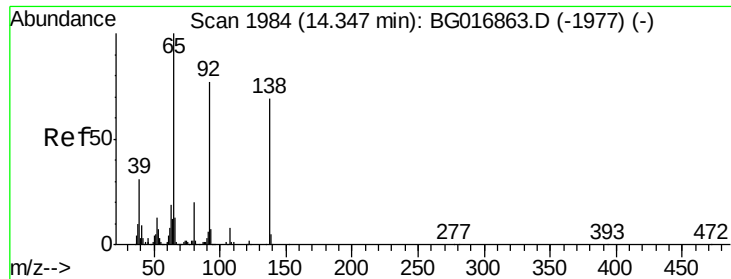
Tgt Ion:165 Resp: 143568
Ion Ratio Lower Upper
165 100
63 75.4 50.9 76.3
89 72.1 51.4 77.2



#51
Acenaphthene
Concen: 40.00 ng
RT: 14.49 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:154 Resp: 449292
Ion Ratio Lower Upper
154 100
153 107.8 84.2 126.4
152 53.1 40.2 60.2

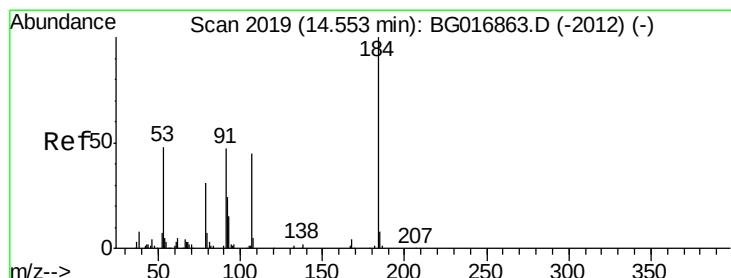
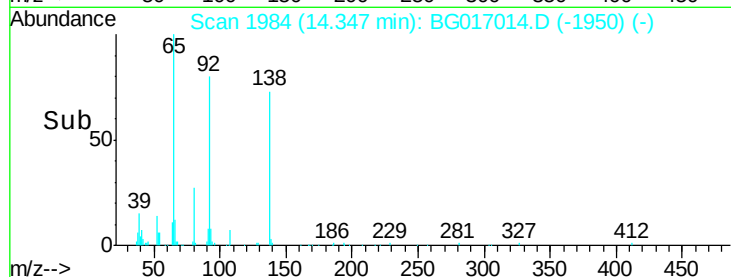
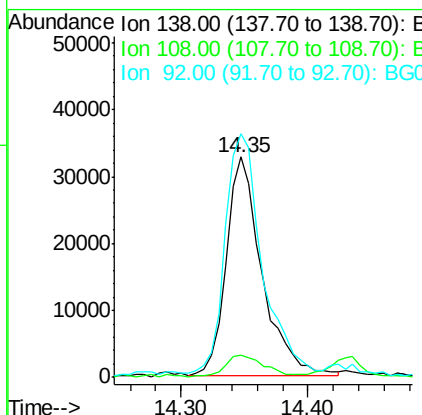
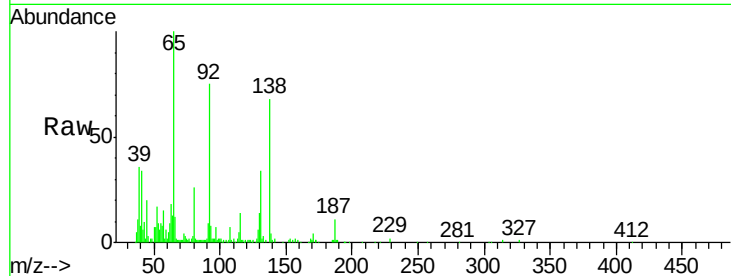




#52
 3-Nitroaniline
 Concen: 18.67 ng
 RT: 14.35 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

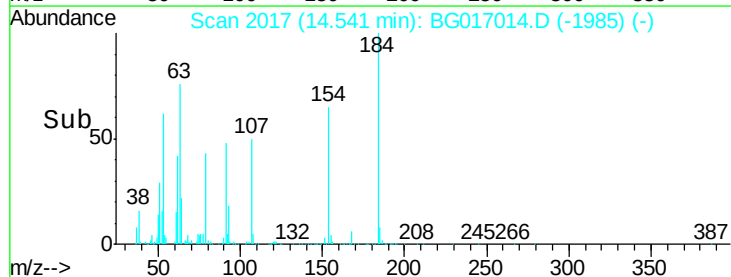
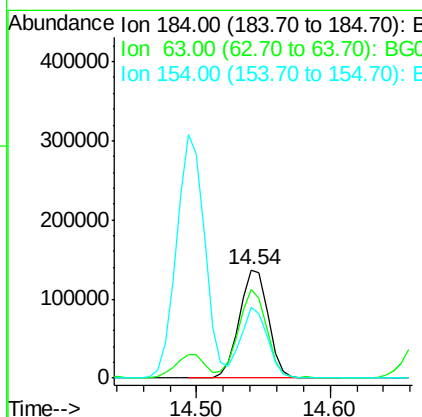
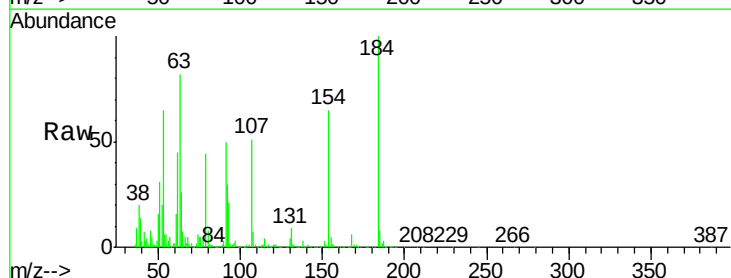
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

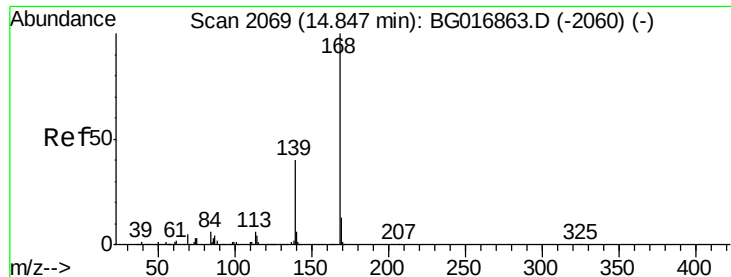
Tgt Ion:138 Resp: 62927
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.5 14.3
 92 110.4 89.6 134.4



#53
 2,4-Dinitrophenol
 Concen: 150.98 ng
 RT: 14.54 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion:184 Resp: 204626
 Ion Ratio Lower Upper
 184 100
 63 82.3 53.4 80.0#
 154 65.0 41.0 61.6#





#54

Dibenzenofuran

Concen: 42.63 ng

RT: 14.83 min Scan# 2066

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

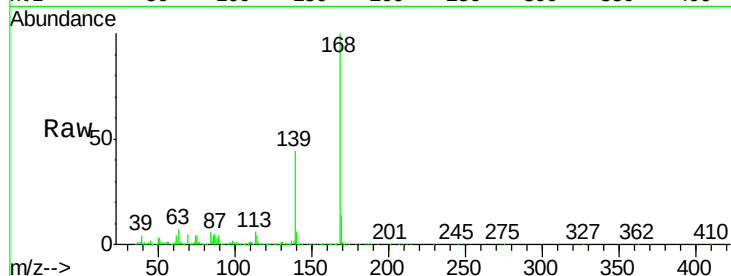
Tgt Ion:168 Resp: 680065

Ion Ratio Lower Upper

168 100

139 44.2 32.5 48.7

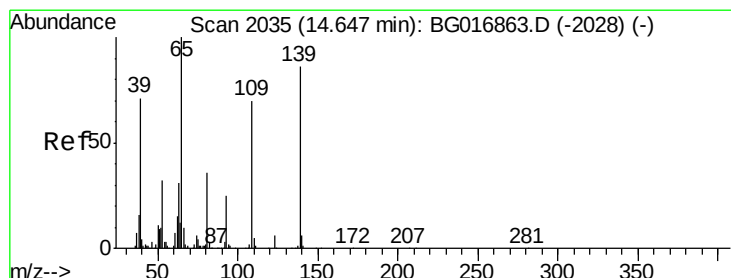
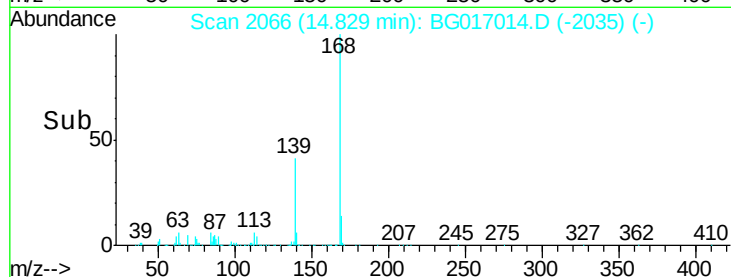
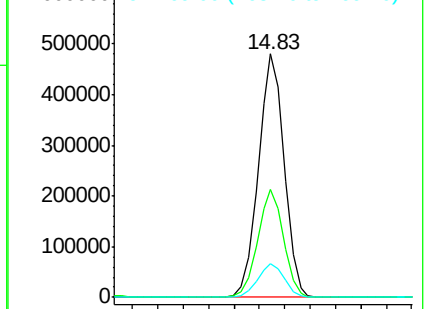
169 13.7 10.4 15.6



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: 88.76 ng

RT: 14.67 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

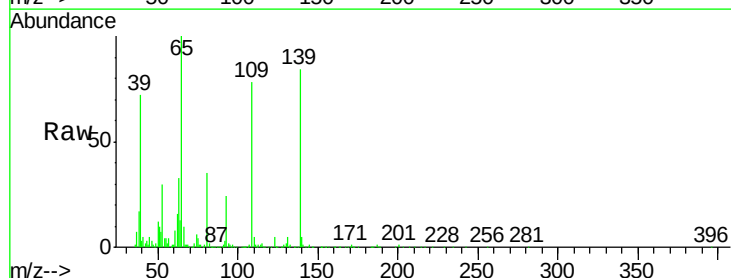
Tgt Ion:139 Resp: 253713

Ion Ratio Lower Upper

139 100

109 93.4 61.8 101.8

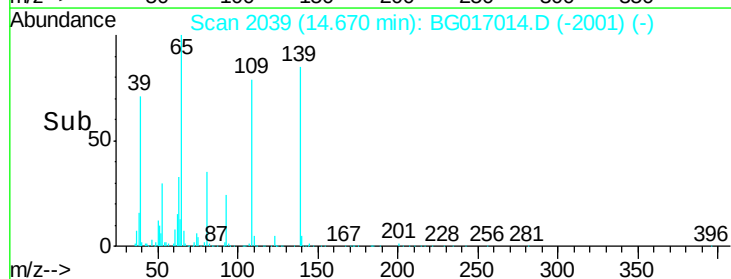
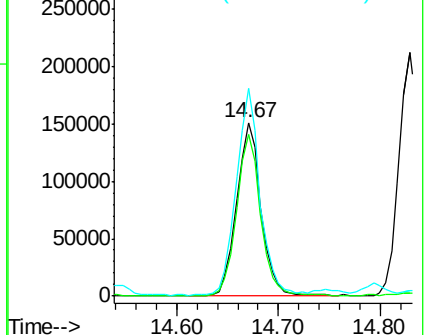
65 119.7 96.8 136.8

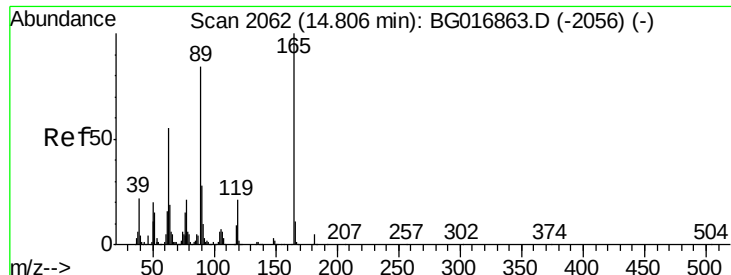


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

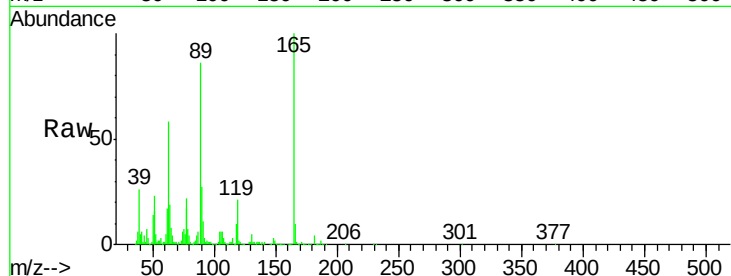




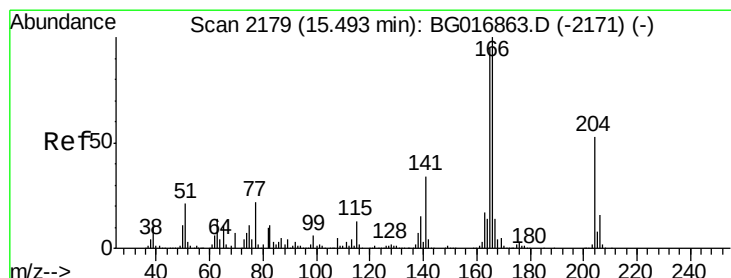
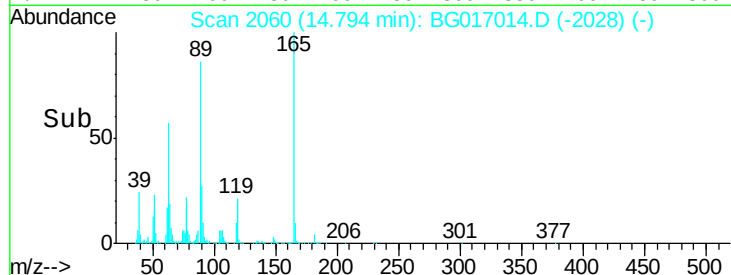
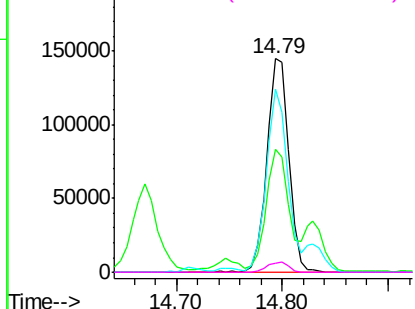
#56
2,4-Dinitrotoluene
Concen: 54.72 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Tgt Ion:165 Resp: 207429
Ion Ratio Lower Upper
165 100
63 57.6 44.2 66.4
89 85.7 67.2 100.8
182 4.4 4.2 6.4

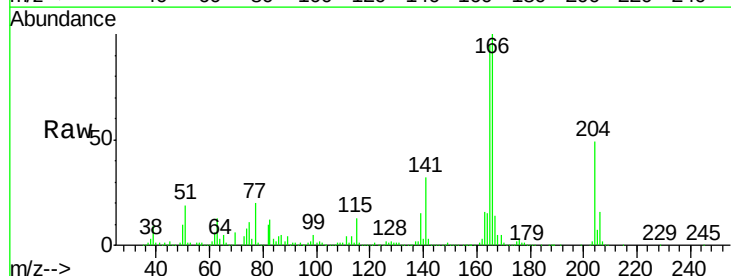


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

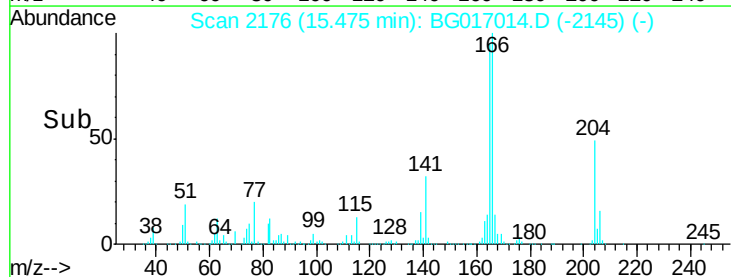
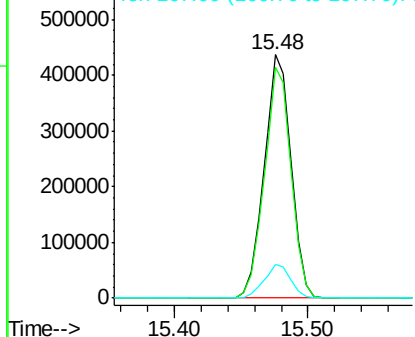


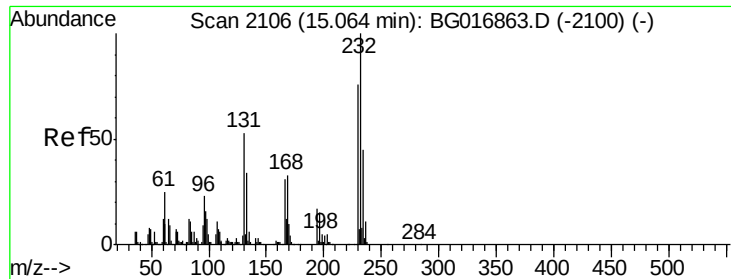
#57
Fluorene
Concen: 42.91 ng
RT: 15.48 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:166 Resp: 605981
Ion Ratio Lower Upper
166 100
165 94.9 76.1 114.1
167 14.0 11.4 17.2



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

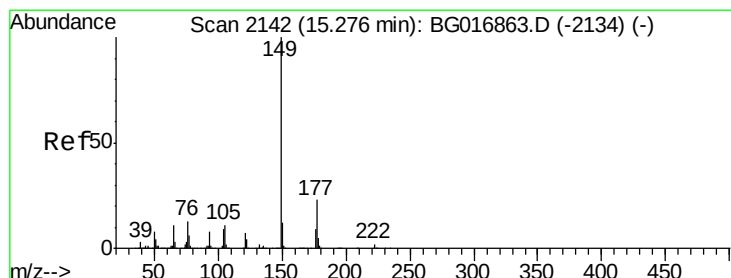
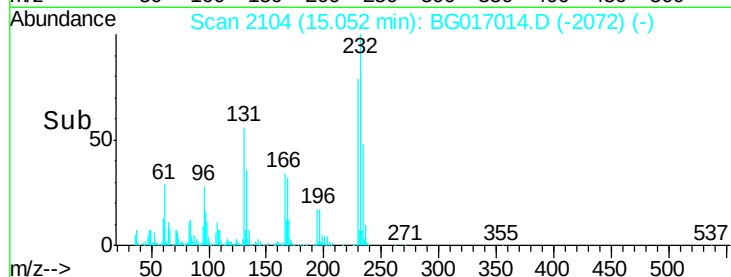
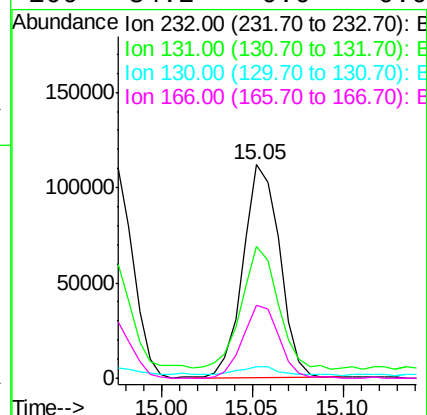
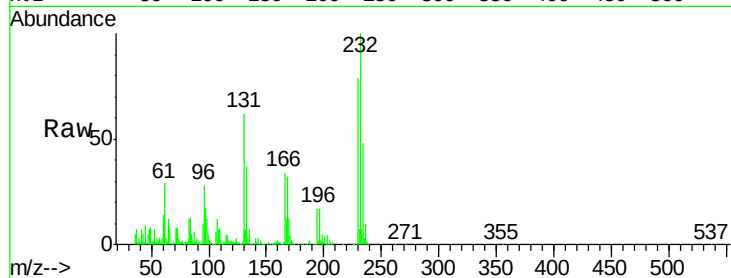




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.81 ng
 RT: 15.05 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

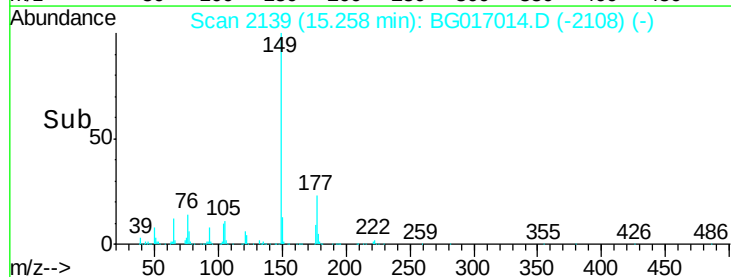
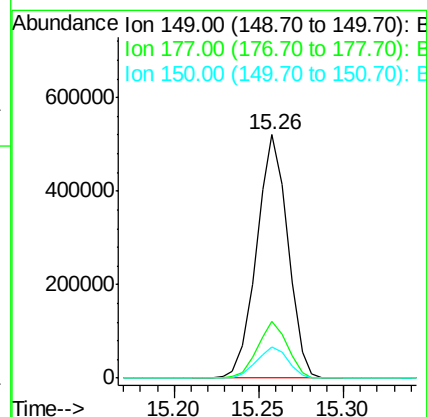
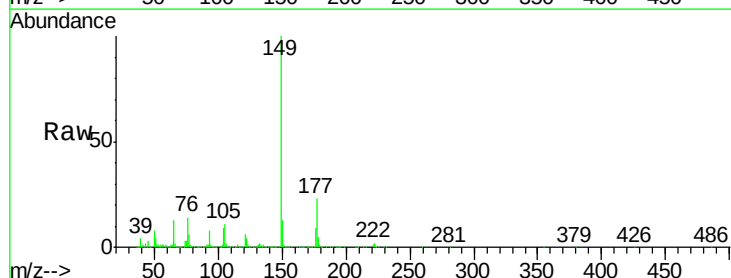
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

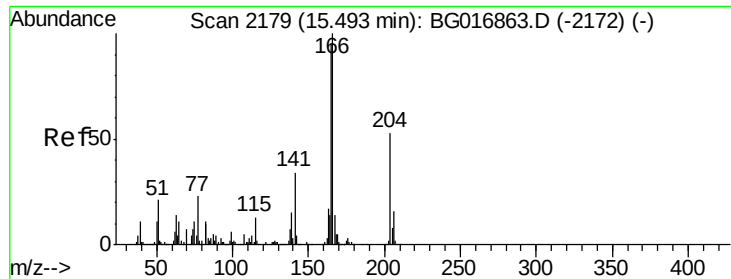
Tgt Ion:	232	Resp:	156987
Ion	Ratio	Lower	Upper
232	100		
131	55.7	0.1	0.1#
130	4.9	0.0	0.0#
166	34.2	0.0	0.0#



#59
 Diethylphthalate
 Concen: 44.36 ng
 RT: 15.26 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion:	149	Resp:	668412
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	27.8
150	12.7	9.8	14.8

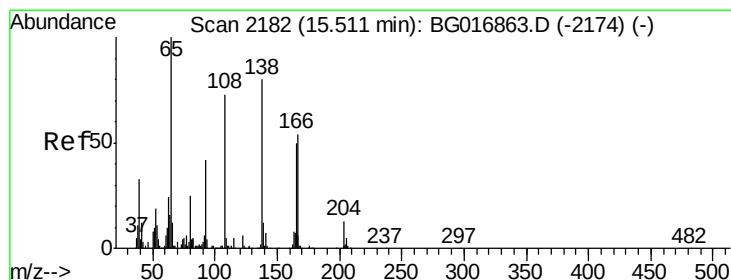
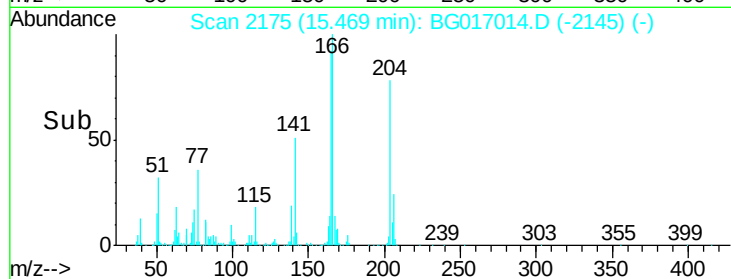
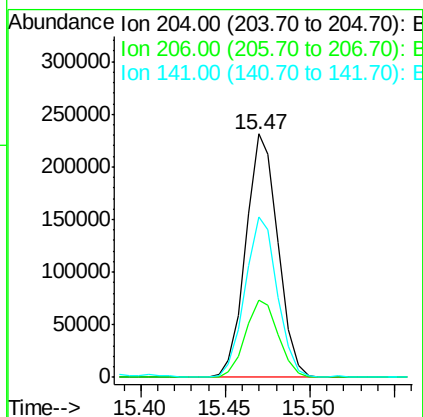
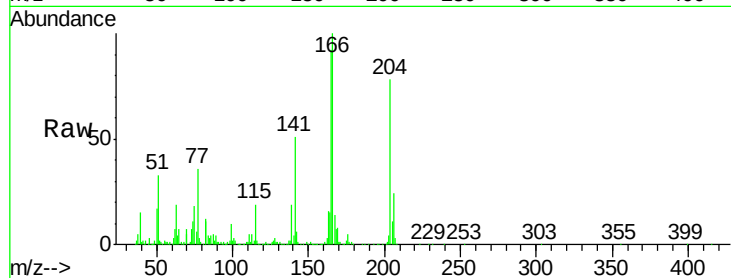




#60
4-Chlorophenyl-phenylether
Concen: 43.02 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

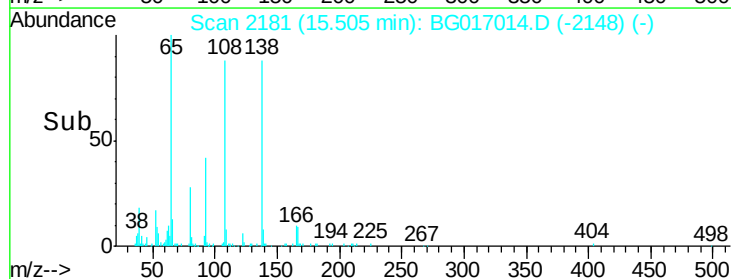
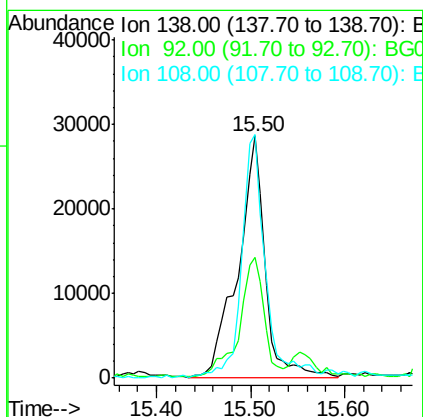
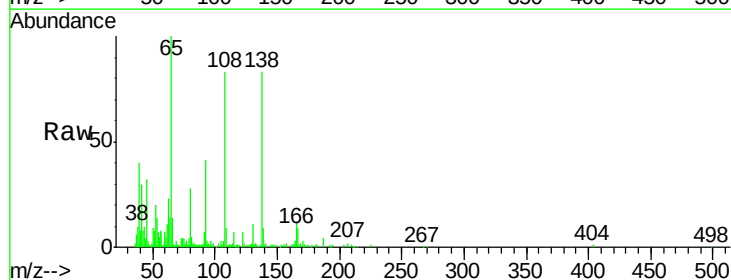
Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

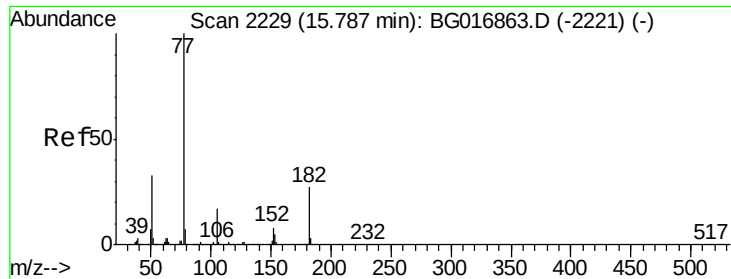
Tgt Ion:204 Resp: 305266
Ion Ratio Lower Upper
204 100
206 31.5 24.8 37.2
141 65.8 52.4 78.6



#61
4-Nitroaniline
Concen: 14.88 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:138 Resp: 58161
Ion Ratio Lower Upper
138 100
92 50.0 31.8 71.8
108 100.5 70.6 110.6





#62

Azobenzene

Concen: 41.79 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

Tgt Ion: 77 Resp: 652095

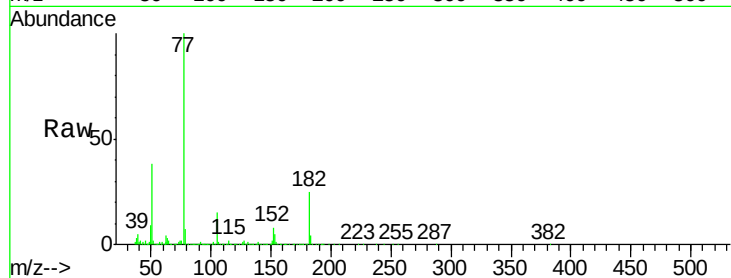
Ion Ratio Lower Upper

77 100

182 25.4 7.4 47.4

105 15.4 0.0 36.6

51 37.9 13.4 53.4

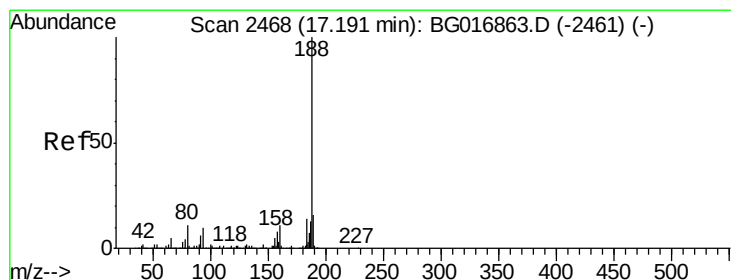
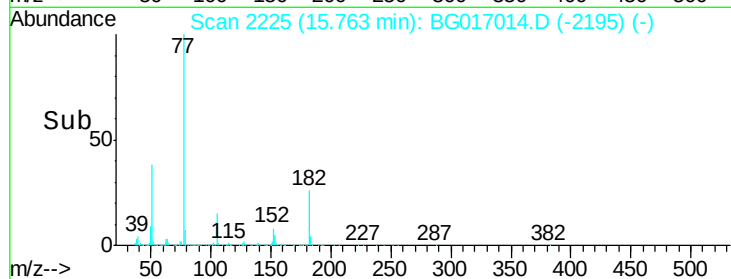
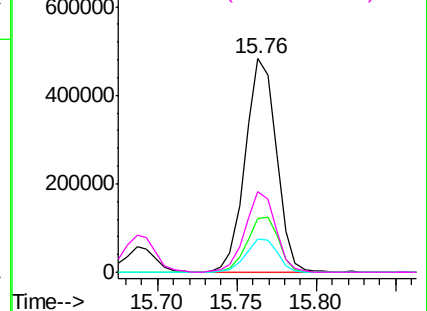


Abundance Ion 77.00 (76.70 to 77.70): BG017014.D (-2195) (-)

Ion 182.00 (181.70 to 182.70): BG017014.D (-2195) (-)

Ion 105.00 (104.70 to 105.70): BG017014.D (-2195) (-)

Ion 51.00 (50.70 to 51.70): BG017014.D (-2195) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

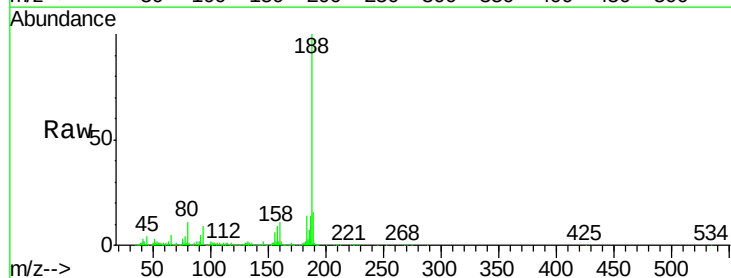
Tgt Ion: 188 Resp: 449661

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

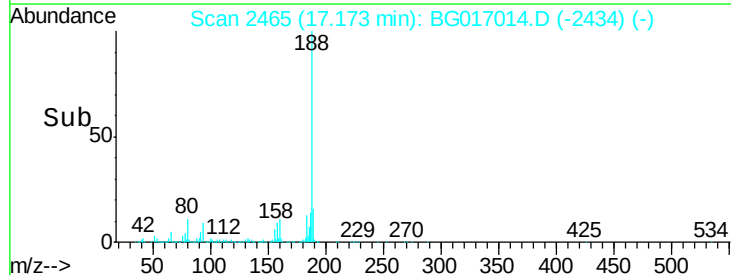
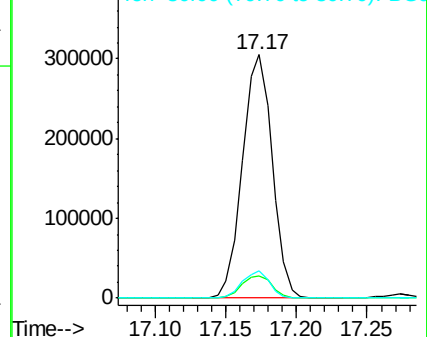
80 11.0 8.8 13.2

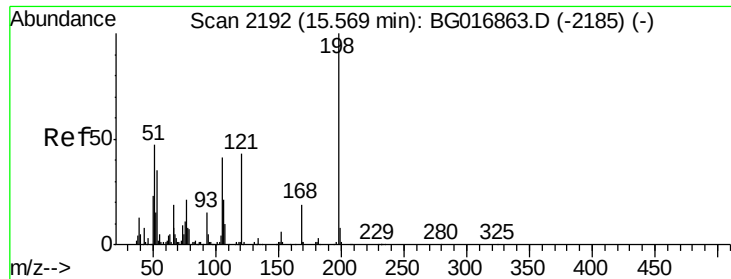


Abundance Ion 188.00 (187.70 to 188.70): BG017014.D (-2434) (-)

Ion 94.00 (93.70 to 94.70): BG017014.D (-2434) (-)

Ion 80.00 (79.70 to 80.70): BG017014.D (-2434) (-)

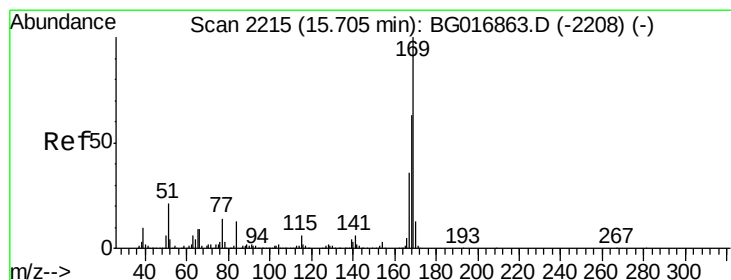
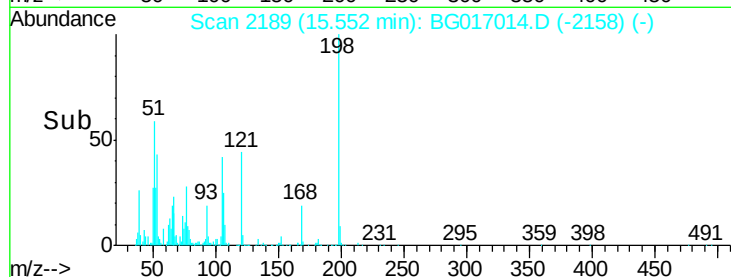
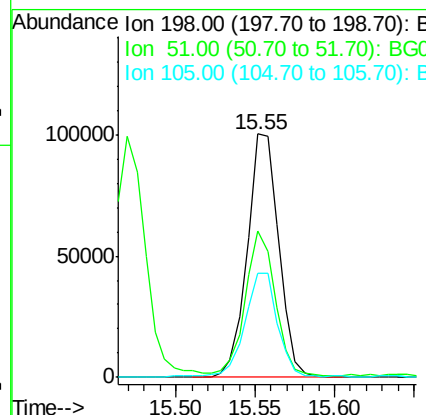
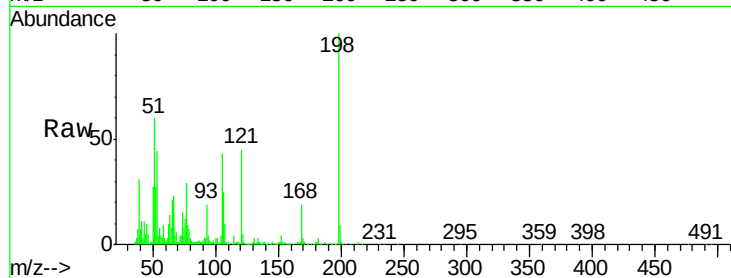




#64
 4,6-Dinitro-2-methylphenol
 Concen: 61.88 ng
 RT: 15.55 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

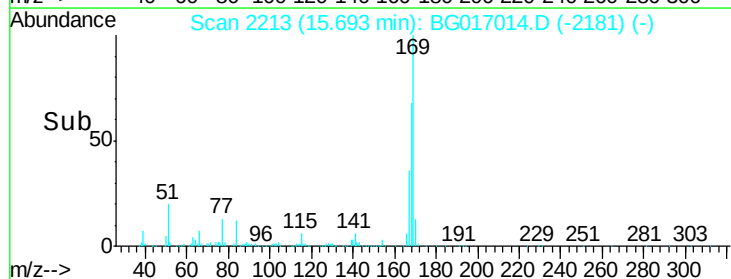
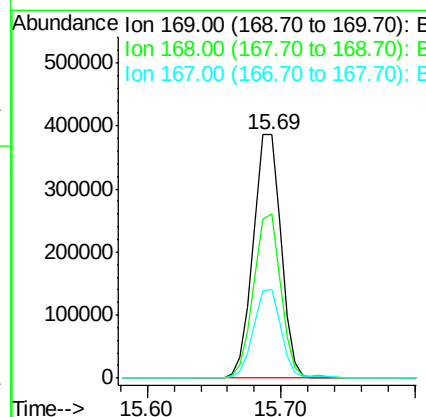
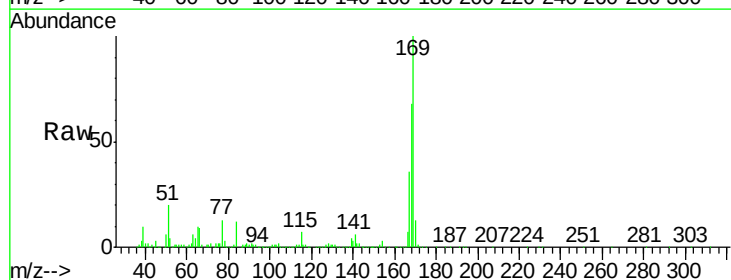
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

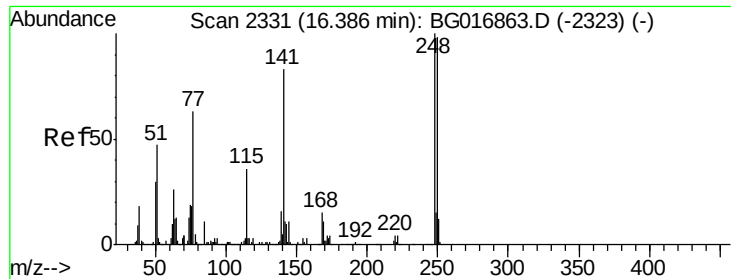
Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.3	31.2	71.2
105	42.9	22.0	62.0



#65
 n-Nitrosodiphenylamine
 Concen: 40.05 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	50.6	76.0
167	36.2	29.0	43.4

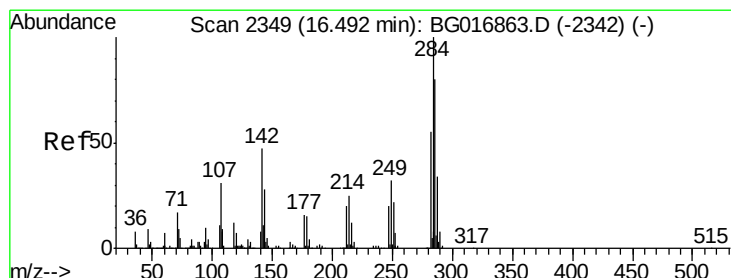
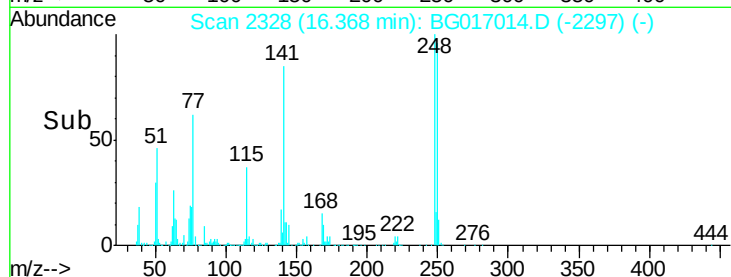
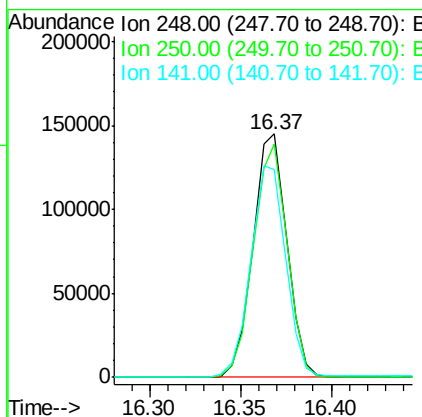
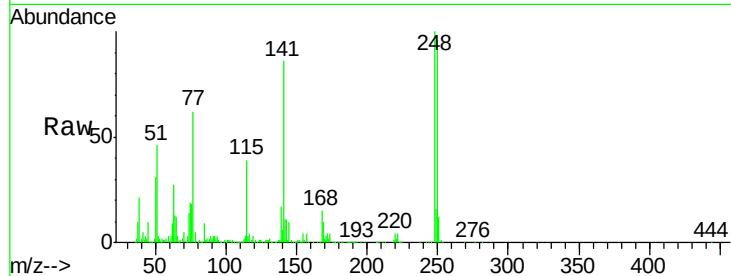




#66
 4-Bromophenyl-phenylether
 Concen: 41.77 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.02 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

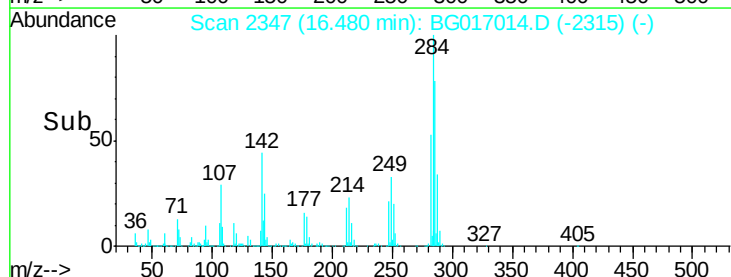
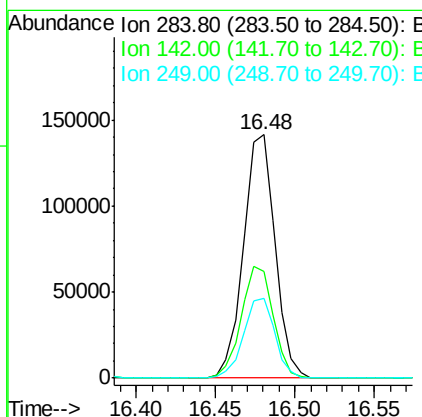
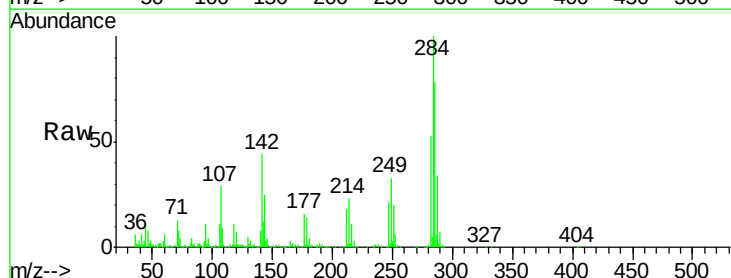
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-AMSD

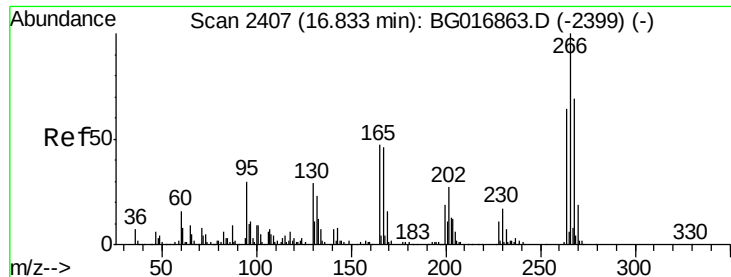
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.6	117.8
141	85.5	66.3	99.5



#67
 Hexachlorobenzene
 Concen: 41.02 ng
 RT: 16.48 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG017014.D
 Acq: 10 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.6	37.4	56.0
249	33.0	25.5	38.3





#69

Pentachlorophenol

Concen: 98.33 ng

RT: 16.83 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

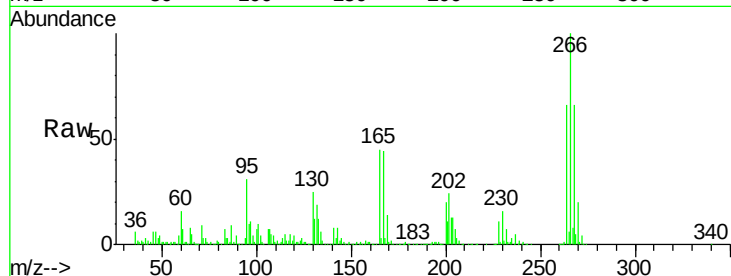
Tgt Ion:266 Resp: 303838

Ion Ratio Lower Upper

266 100

268 65.8 55.2 82.8

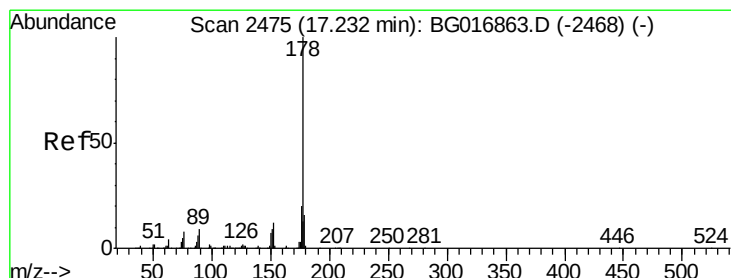
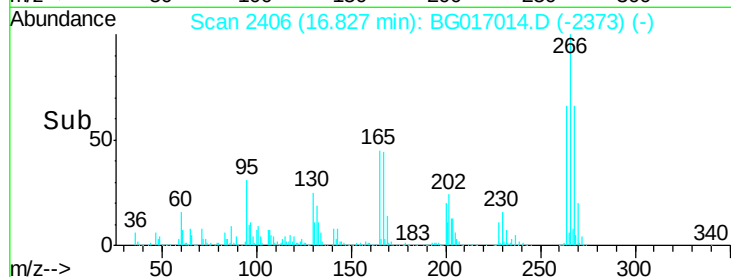
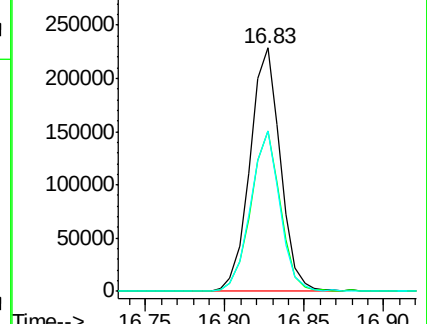
264 65.6 51.4 77.0



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: 40.32 ng

RT: 17.21 min Scan# 2472

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

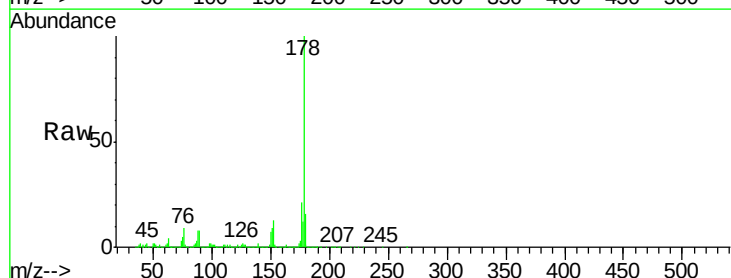
Tgt Ion:178 Resp: 932984

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

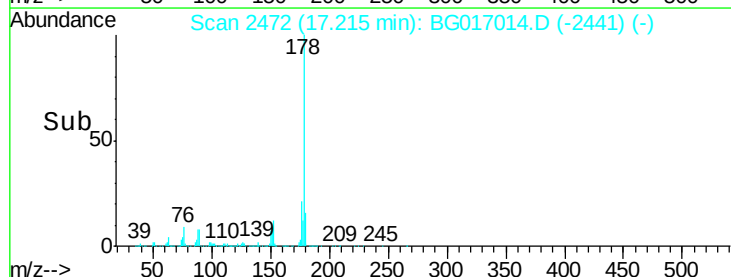
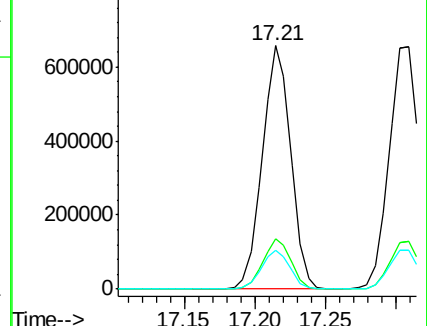
179 15.9 13.0 19.6

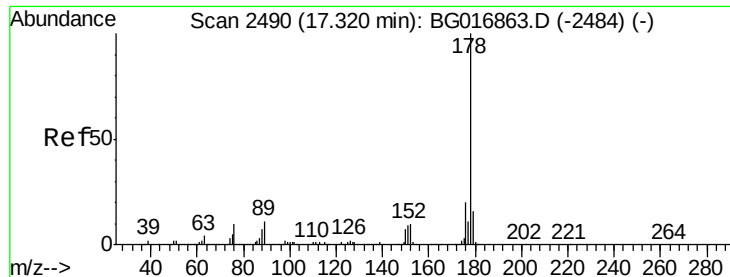


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.91 ng

RT: 17.31 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

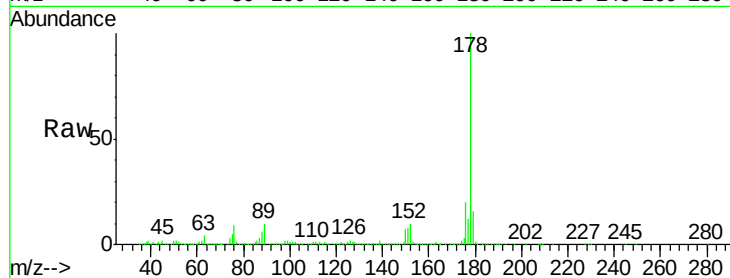
Tgt Ion:178 Resp: 954966

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

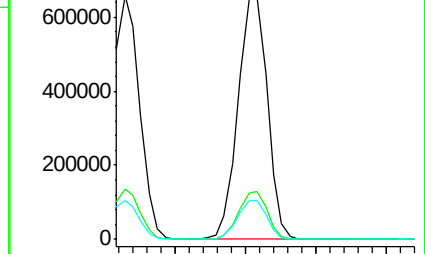
179 16.0 13.1 19.7



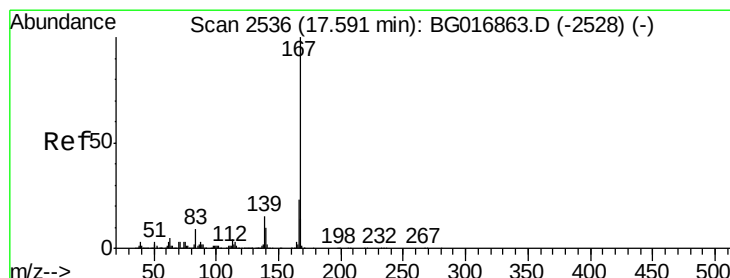
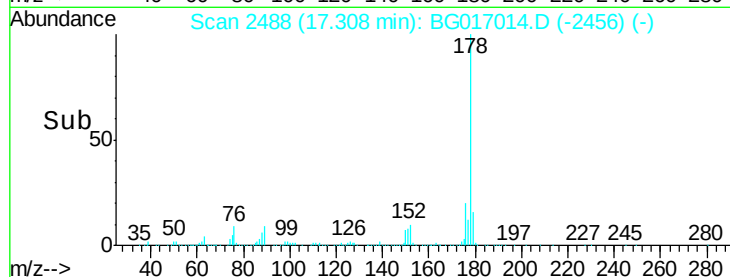
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 41.46 ng

RT: 17.58 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

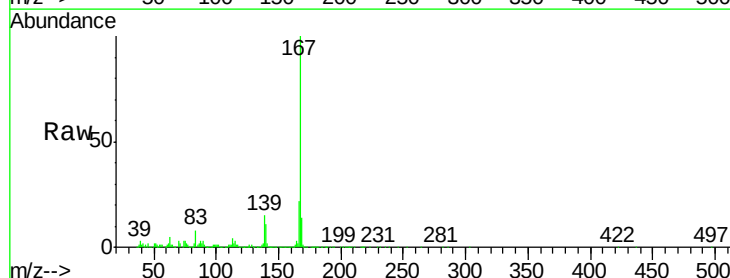
Tgt Ion:167 Resp: 920119

Ion Ratio Lower Upper

167 100

166 21.9 18.4 27.6

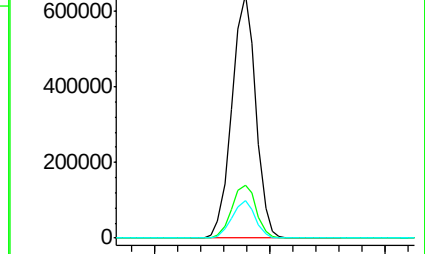
139 15.2 12.2 18.4



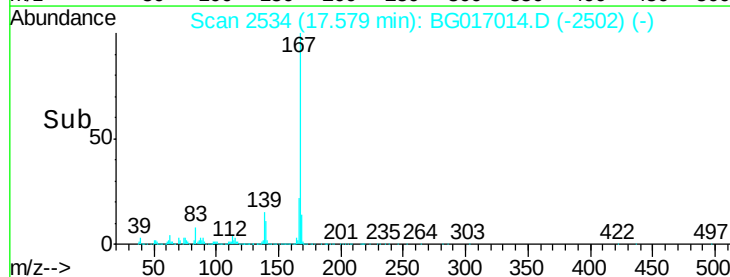
Abundance Ion 167.00 (166.70 to 167.70): E

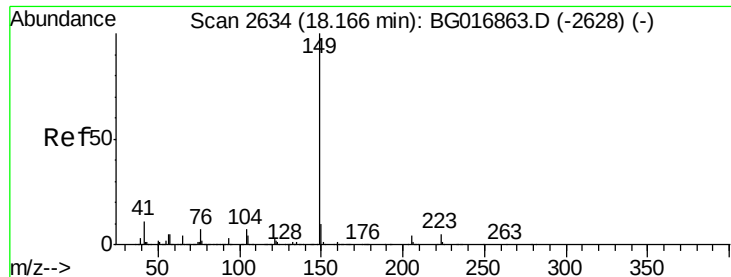
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 41.52 ng

RT: 18.14 min Scan# 2630

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

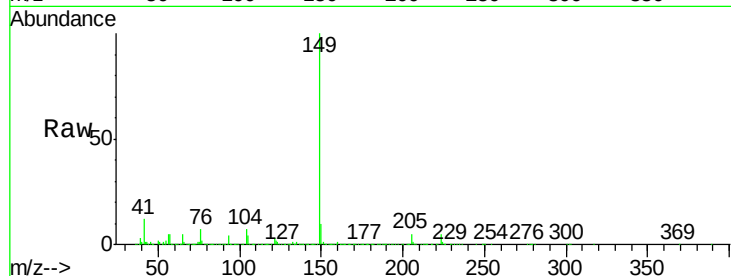
Tgt Ion:149 Resp: 1194599

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

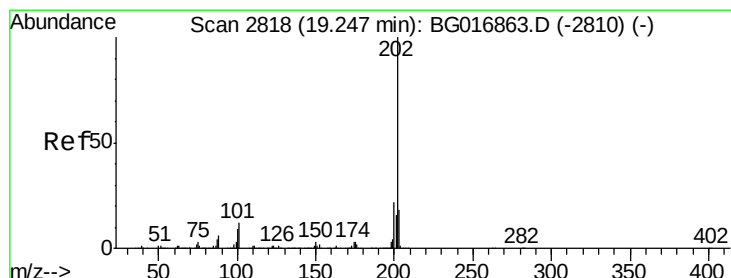
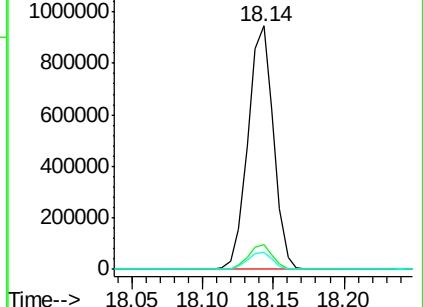
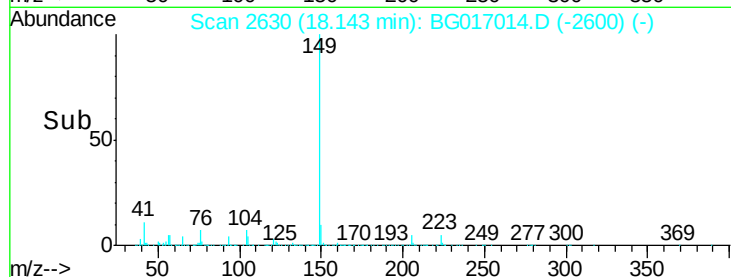
104 7.1 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.49 ng

RT: 19.23 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

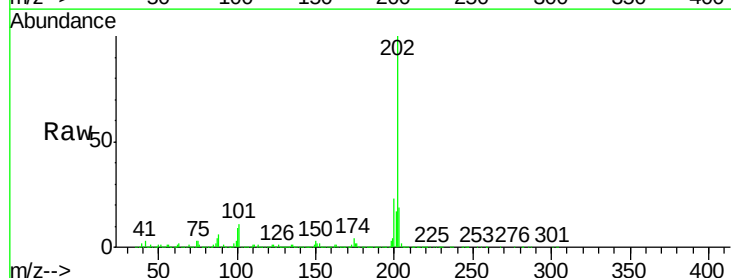
Tgt Ion:202 Resp: 1087100

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.5

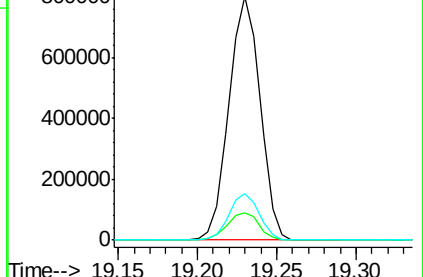
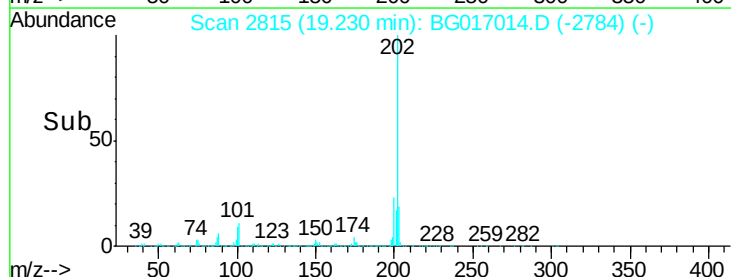
203 19.0 0.0 38.1

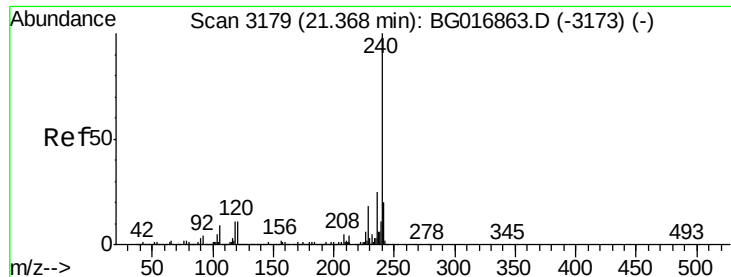


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

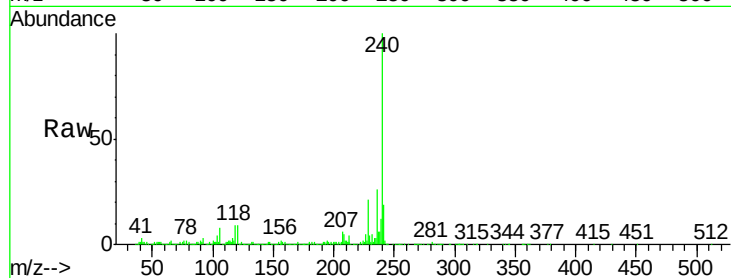
Tgt Ion:240 Resp: 448824

Ion Ratio Lower Upper

240 100

120 9.1 9.1 13.7#

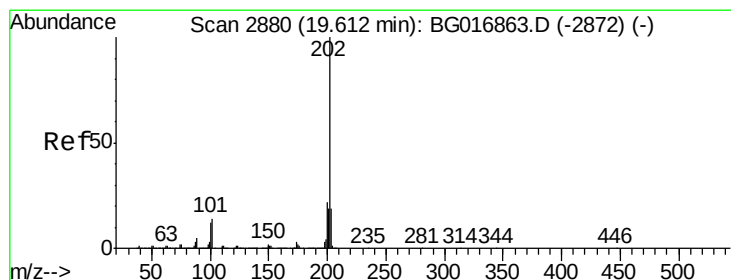
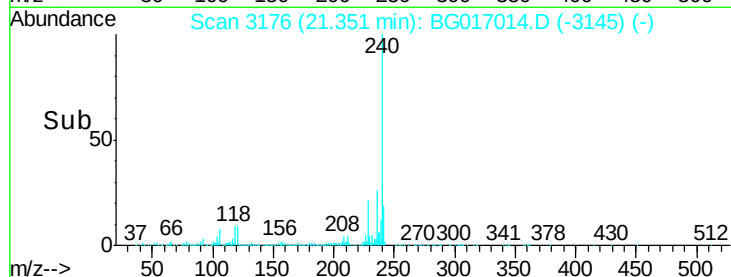
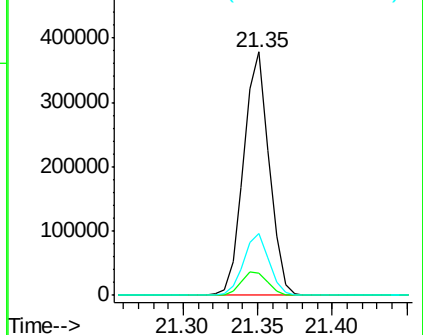
236 25.6 20.2 30.4



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



#77

Pyrene

Concen: 41.96 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

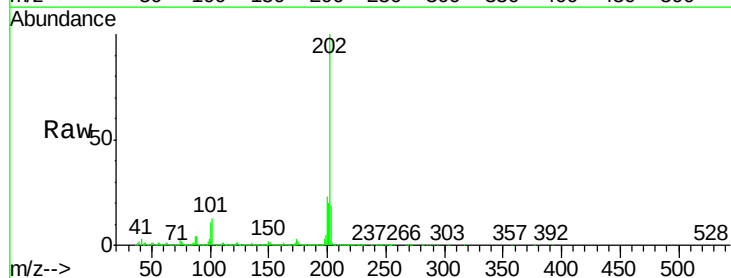
Tgt Ion:202 Resp: 1111411

Ion Ratio Lower Upper

202 100

200 23.0 17.9 26.9

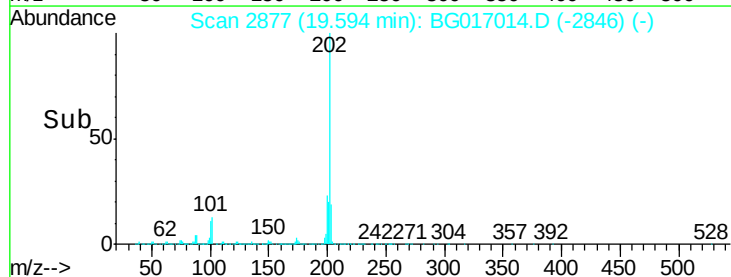
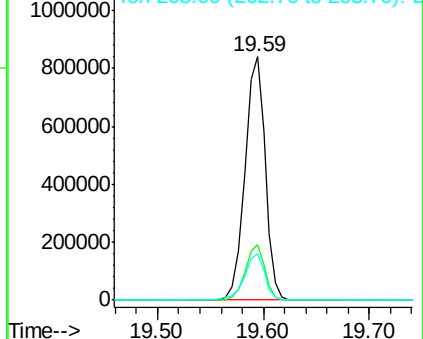
203 19.2 15.2 22.8

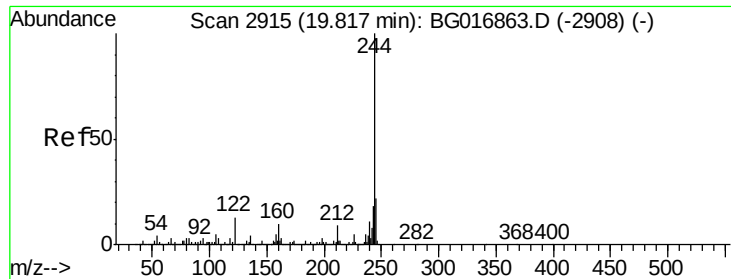


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.10 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

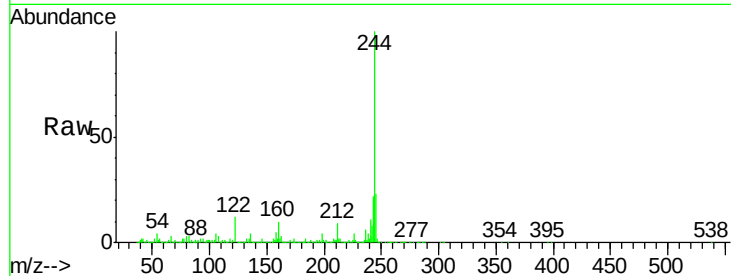
Tgt Ion:244 Resp: 1629263

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

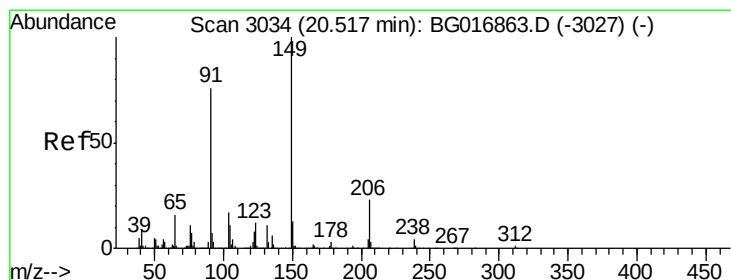
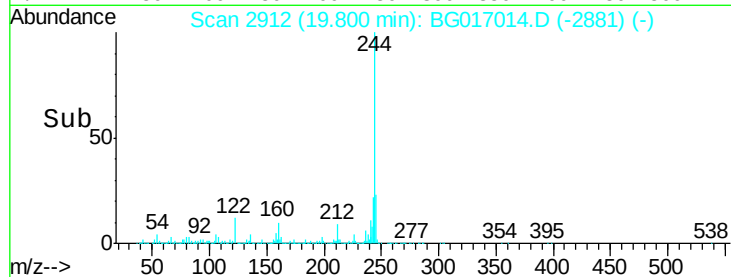
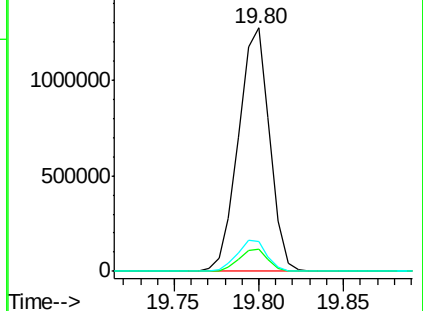
122 12.4 10.4 15.6



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: 42.09 ng

RT: 20.49 min Scan# 3030

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

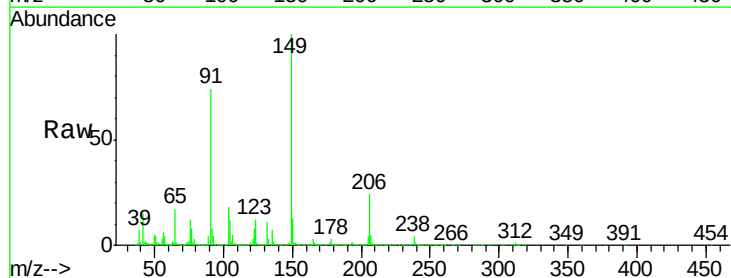
Tgt Ion:149 Resp: 529956

Ion Ratio Lower Upper

149 100

91 73.8 60.6 91.0

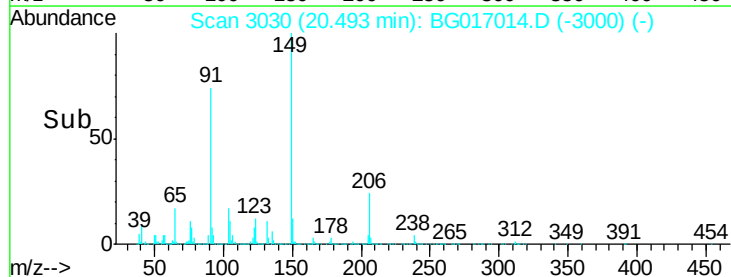
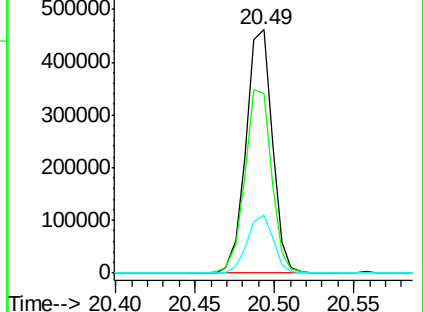
206 23.9 18.4 27.6

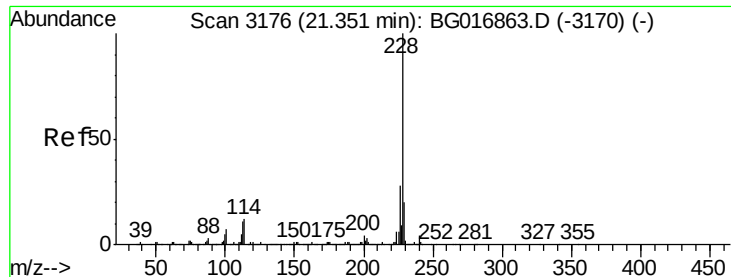


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.26 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

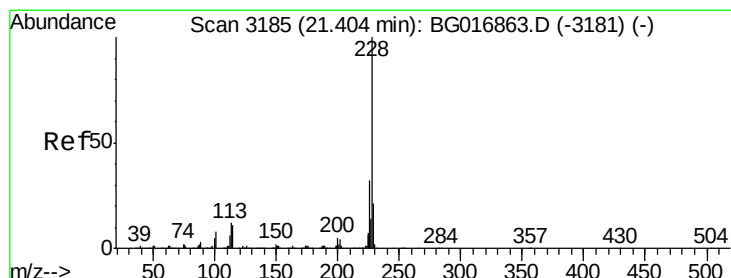
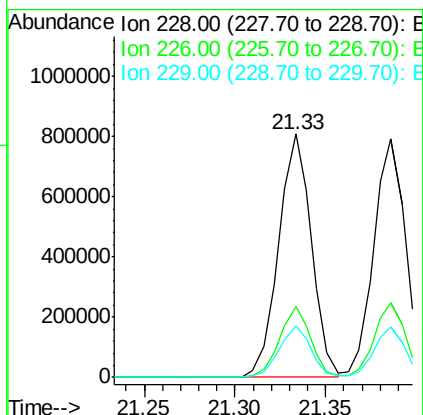
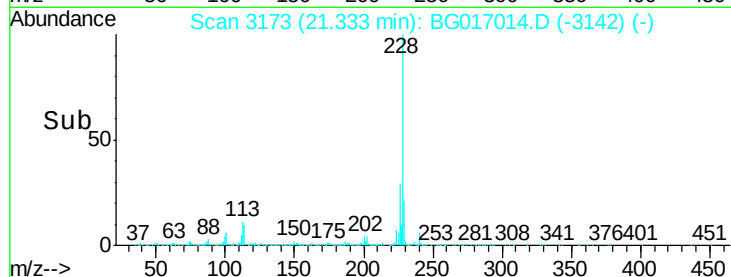
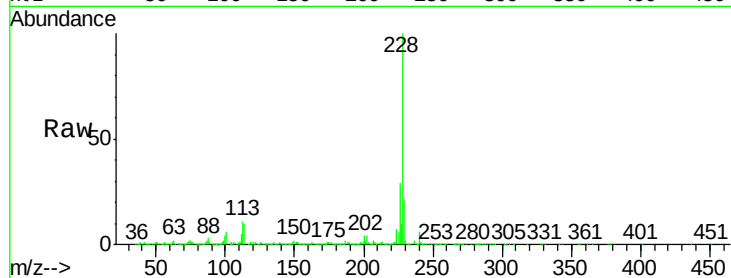
Tgt Ion:228 Resp: 1017540

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

229 21.3 16.1 24.1



#82

Chrysene

Concen: 42.72 ng

RT: 21.39 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

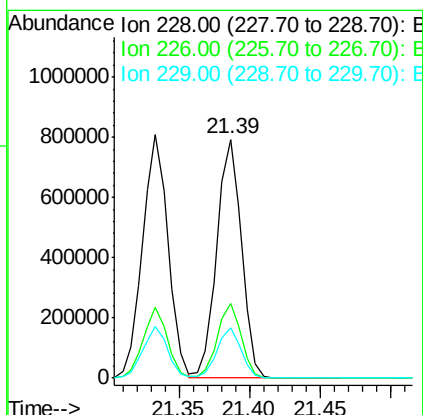
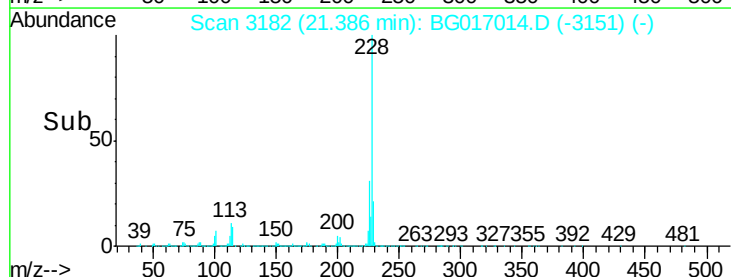
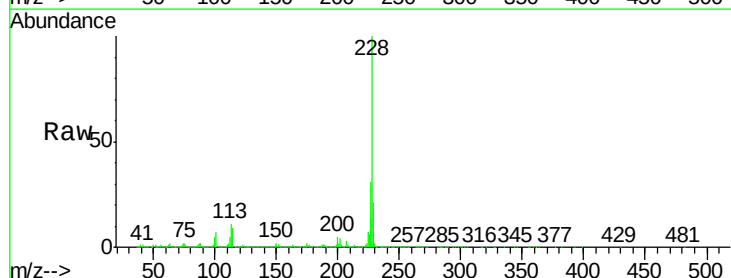
Tgt Ion:228 Resp: 963481

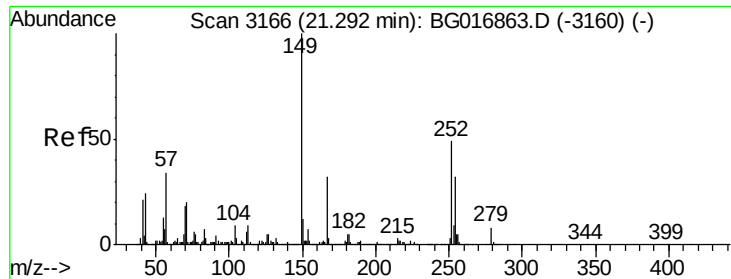
Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

229 21.1 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.52 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

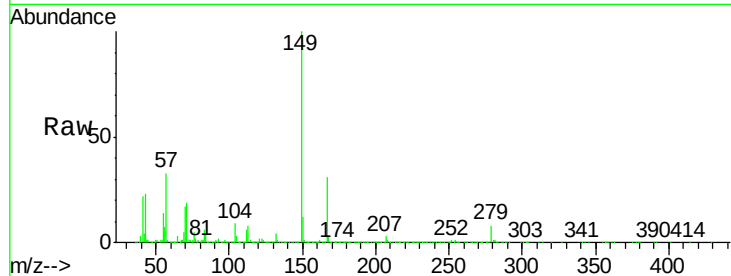
Tgt Ion:149 Resp: 715068

Ion Ratio Lower Upper

149 100

167 30.8 25.4 38.0

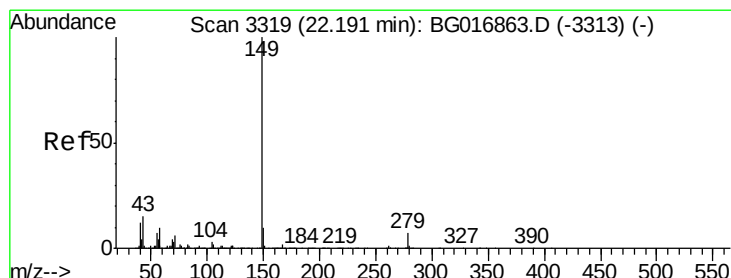
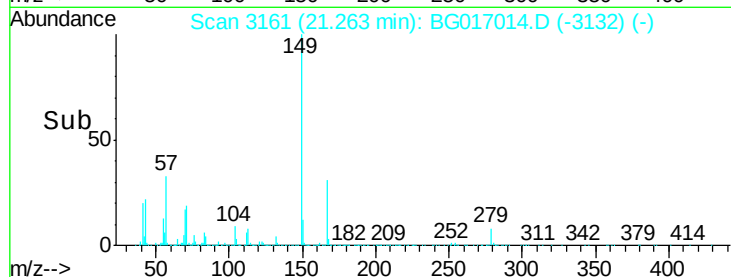
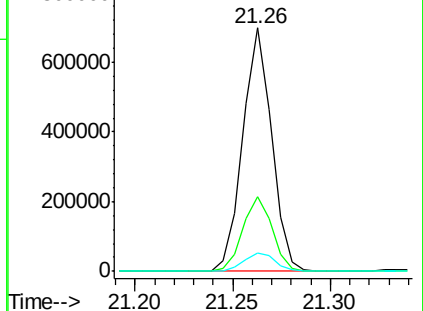
279 7.8 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.73 ng

RT: 22.15 min Scan# 3312

Delta R.T. -0.04 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

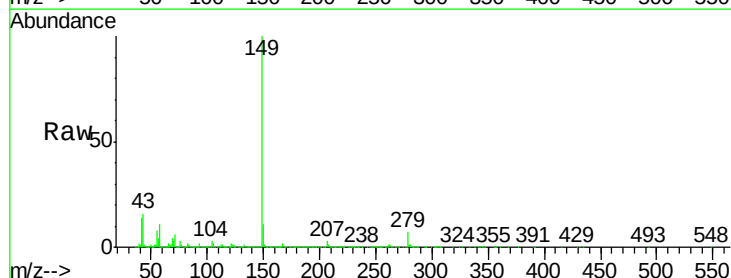
Tgt Ion:149 Resp: 1207159

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

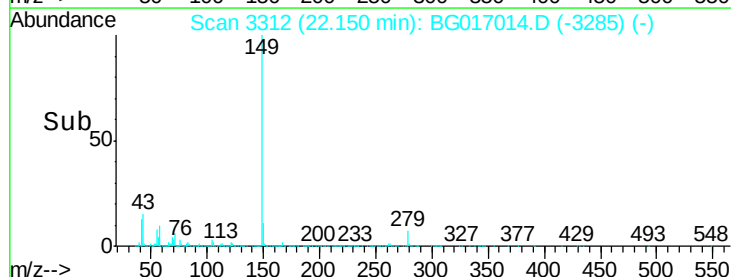
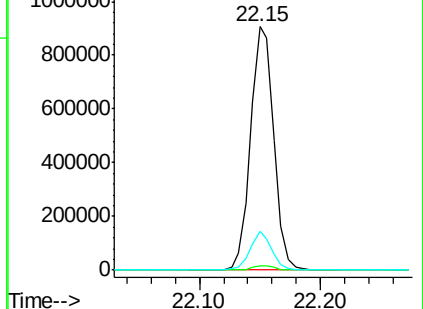
43 14.5 0.0 0.0#

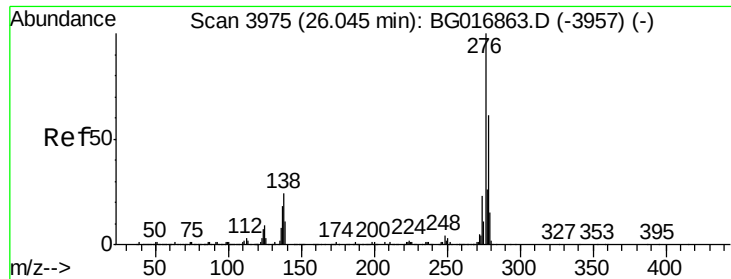


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.95 ng

RT: 26.00 min Scan# 3968

Delta R.T. -0.04 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

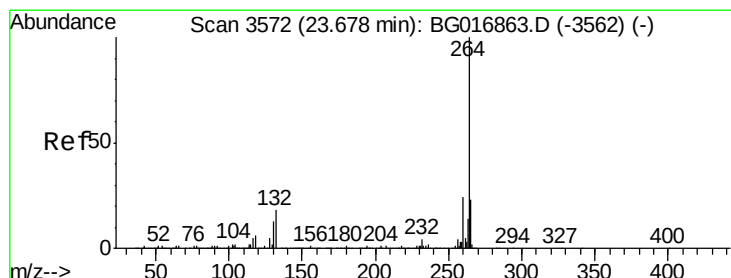
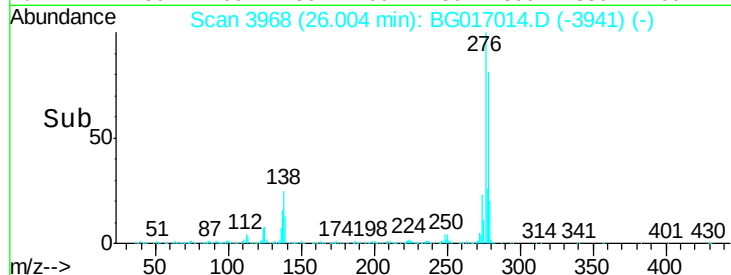
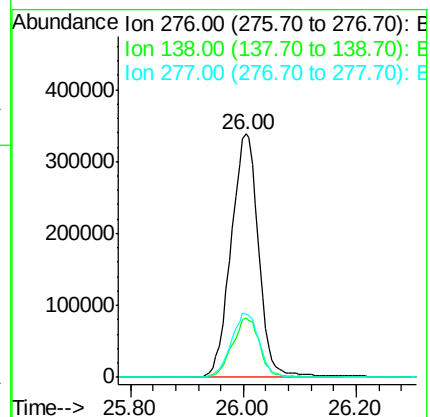
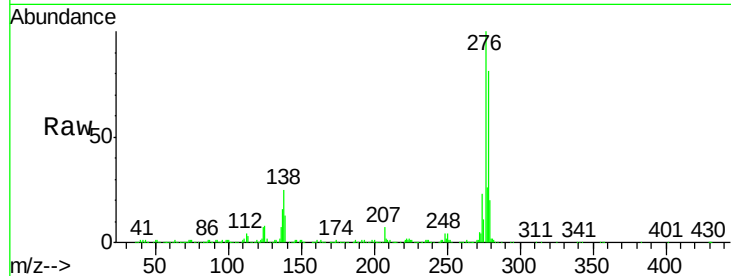
Tgt Ion:276 Resp: 1154261

Ion Ratio Lower Upper

276 100

138 24.0 0.0 0.0#

277 26.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

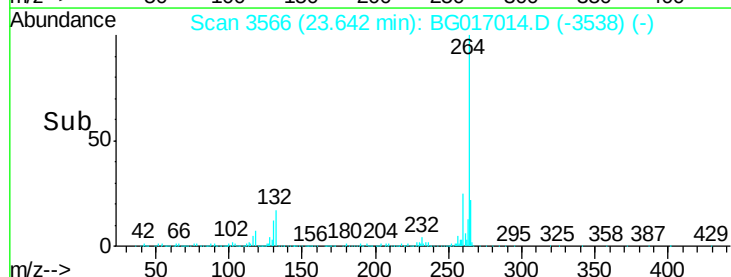
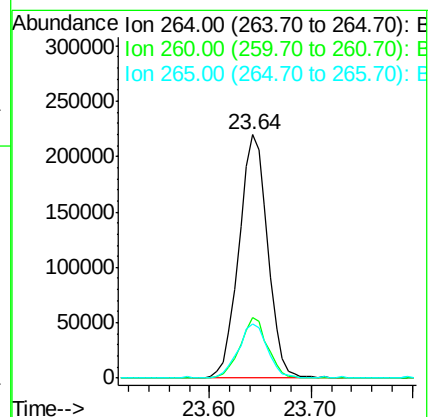
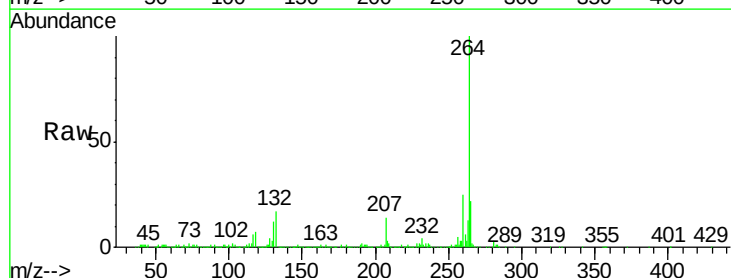
Tgt Ion:264 Resp: 431684

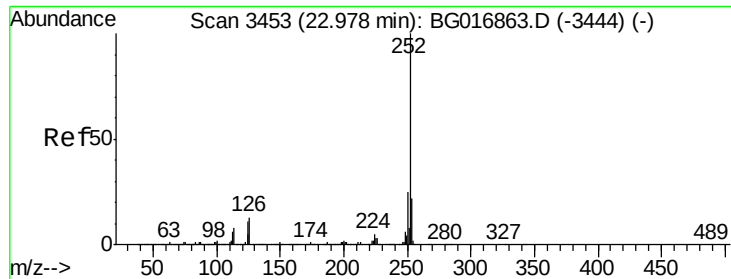
Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.3 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 43.26 ng

RT: 22.95 min Scan# 3448

Delta R.T. -0.03 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

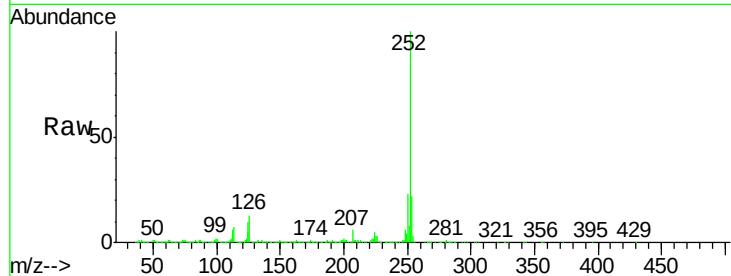
Tgt Ion:252 Resp: 1040437

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

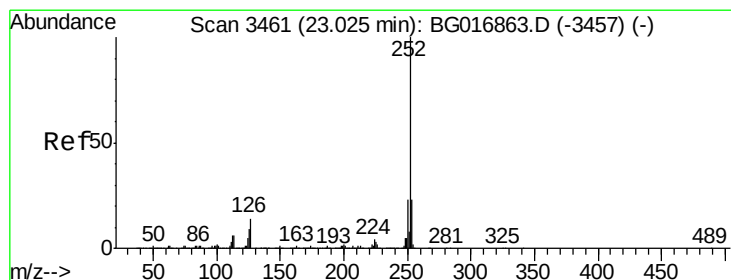
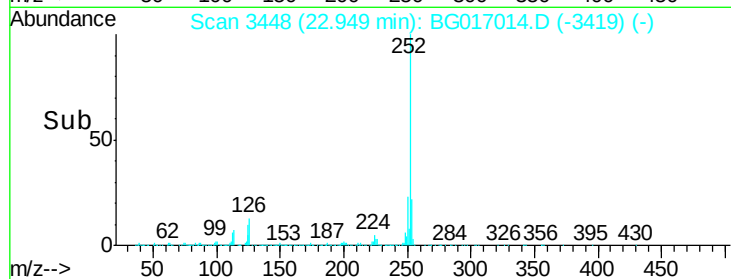
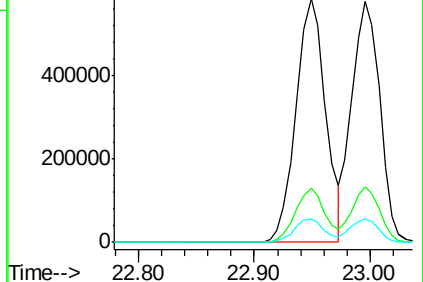
125 9.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.26 ng

RT: 23.00 min Scan# 3456

Delta R.T. -0.03 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

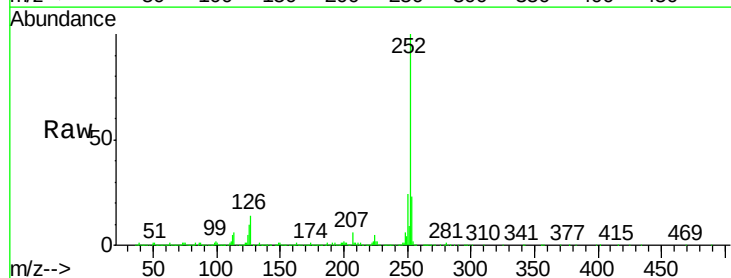
Tgt Ion:252 Resp: 977689

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

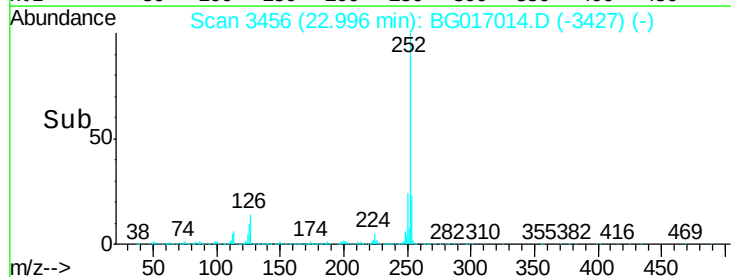
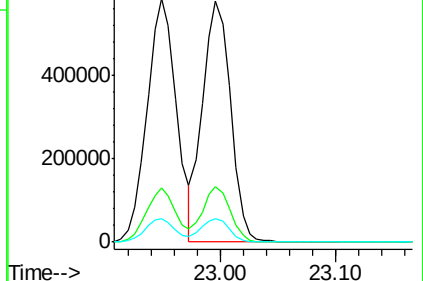
125 10.0 7.9 11.9

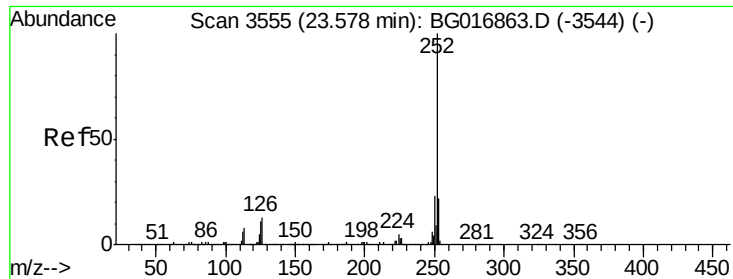


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.67 ng

RT: 23.54 min Scan# 3549

Delta R.T. -0.04 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

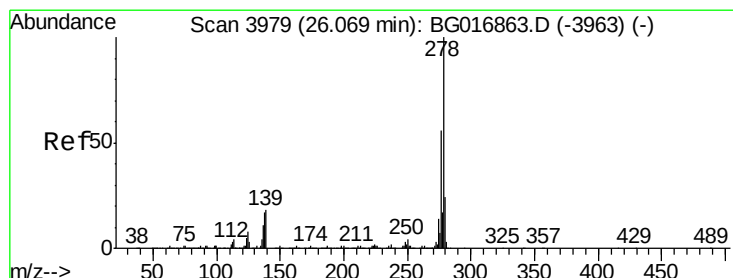
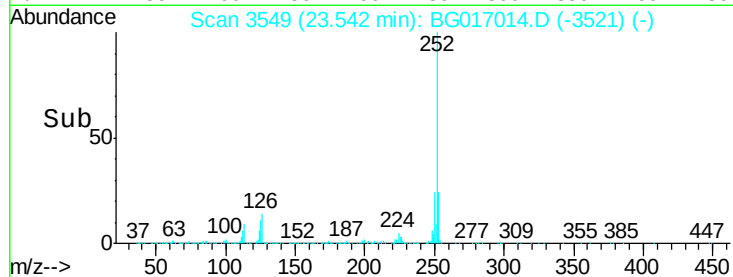
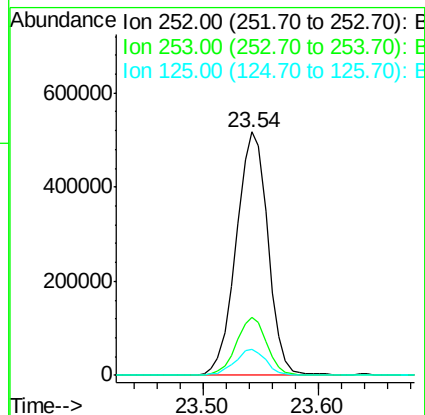
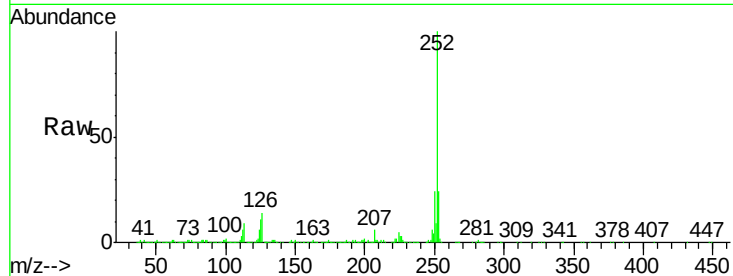
Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

Tgt Ion:	252	Resp:	979375
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	10.7	8.5	12.7



#90

Dibenzo(a,h)anthracene

Concen: 42.37 ng

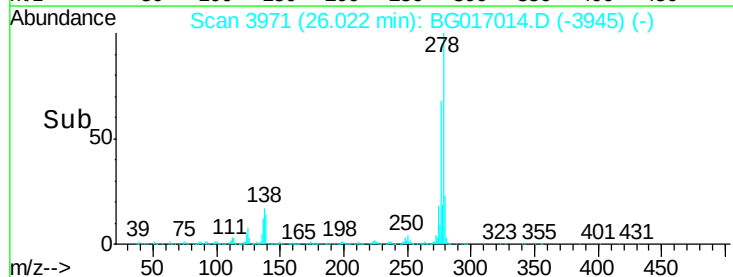
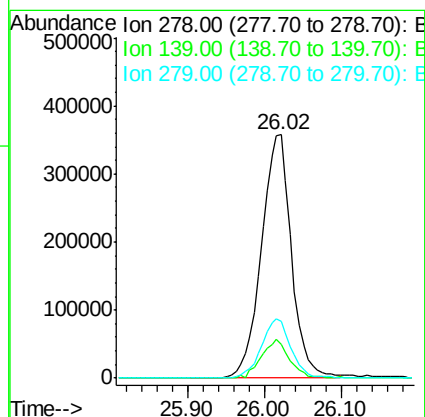
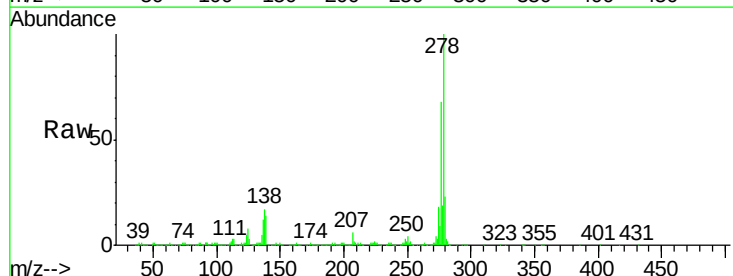
RT: 26.02 min Scan# 3971

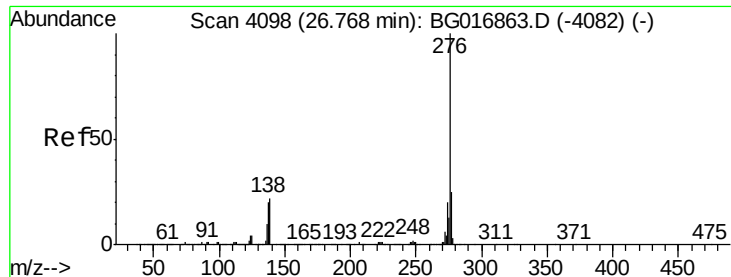
Delta R.T. -0.05 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Tgt Ion:	278	Resp:	970606
Ion Ratio	Lower	Upper	
278	100		
139	14.1	14.2	21.2#
279	23.4	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 42.65 ng

RT: 26.73 min Scan# 4092

Delta R.T. -0.04 min

Lab File: BG017014.D

Acq: 10 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

LAR9794-AMSD

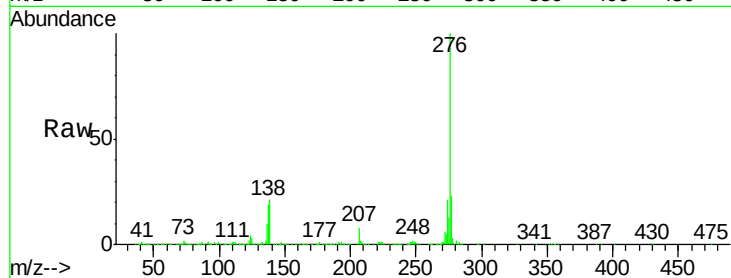
Tgt Ion: 276 Resp: 930267

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 20.6 17.5 26.3



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

