

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
 Data File : BG015868.D
 Acq On : 9 Jan 2015 13:45
 Operator : TP/IZ
 Sample : G1030-11MSD
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

Quant Time: Jan 12 12:43:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27796	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	99146	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	79103	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	189248	20.00	ng	0.00
75) Chrysene-d12	21.30	240	272098	20.00	ng	0.00
86) Perylene-d12	23.56	264	263948	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	170166	52.65	ng	0.00
7) Phenol-d6	6.91	99	238157	52.91	ng	0.00
23) Nitrobenzene-d5	8.89	82	173354	34.31	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	148858	49.50	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	341810	30.86	ng	0.00
78) Terphenyl-d14	19.74	244	734252	30.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	19413	26.19	ng	93
3) Pyridine	3.65	79	44970	22.13	ng	# 89
4) n-Nitrosodimethylamine	3.56	42	29169	33.40	ng	# 73
6) Aniline	7.07	93	50592	16.63	ng	99
8) 2-Chlorophenol	7.30	128	52919	31.77	ng	95
9) Benzaldehyde	6.88	77	45392	29.95	ng	99
10) Phenol	6.94	94	85295	34.81	ng	95
11) bis(2-Chloroethyl)ether	7.17	93	56279	31.16	ng	96
12) 1,3-Dichlorobenzene	7.62	146	57399	28.75	ng	96
13) 1,4-Dichlorobenzene	7.76	146	60779	29.82	ng	96
14) 1,2-Dichlorobenzene	8.08	146	58069	30.02	ng	91
15) Benzyl Alcohol	7.97	79	67729	30.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	38346	33.25	ng	89
17) 2-Methylphenol	8.18	107	50995	30.51	ng	94
18) Hexachloroethane	8.80	117	30508	32.43	ng	95
19) n-Nitroso-di-n-propylamine	8.53	70	52491	29.89	ng	# 92
20) 3+4-Methylphenols	8.50	107	71058	31.88	ng	85
22) Acetophenone	8.55	105	94913	32.65	ng	# 97
24) Nitrobenzene	8.93	77	83236	32.70	ng	96
25) Isophorone	9.44	82	150360	33.55	ng	99
26) 2-Nitrophenol	9.64	139	29697	30.45	ng	# 79
27) 2,4-Dimethylphenol	9.70	122	50794	31.13	ng	95
28) bis(2-Chloroethoxy)methane	9.93	93	76318	34.52	ng	98
29) 2,4-Dichlorophenol	10.17	162	57990	35.18	ng	92
30) 1,2,4-Trichlorobenzene	10.38	180	68194	31.58	ng	89
31) Naphthalene	10.57	128	164720	31.37	ng	99
33) 4-Chloroaniline	10.68	127	29143	13.63	ng	# 90
34) Hexachlorobutadiene	10.85	225	64663	32.22	ng	91
35) Caprolactam	11.43	113	21292	29.37	ng	92
36) 4-Chloro-3-methylphenol	11.81	107	71400	33.25	ng	92
37) 2-Methylnaphthalene	12.18	142	127465	32.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	91988	31.26	ng	# 97
40) Hexachlorocyclopentadiene	12.53	237	133465	58.74	ng	98
42) 2,4,6-Trichlorophenol	12.79	196	55337	30.64	ng	98

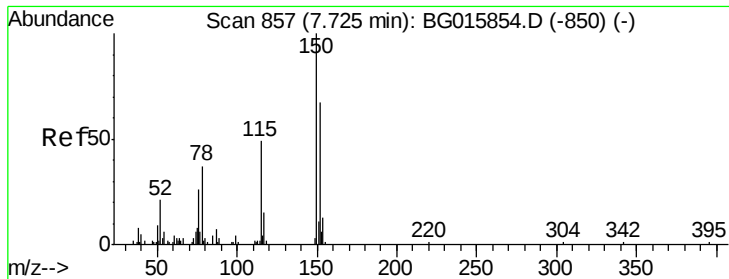
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
 Data File : BG015868.D
 Acq On : 9 Jan 2015 13:45
 Operator : TP/IZ
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Quant Time: Jan 12 12:43:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.87	196	58744	29.70	ng	94
45) 1,1'-Biphenyl	13.20	154	175187	31.02	ng	96
46) 2-Chloronaphthalene	13.24	162	133354	29.63	ng	97
47) 2-Nitroaniline	13.45	65	47002	31.93	ng	98
48) Acenaphthylene	14.09	152	223335	29.01	ng	95
49) Dimethylphthalate	13.83	163	200409	34.34	ng	# 95
50) 2,6-Dinitrotoluene	13.95	165	39317	31.24	ng	# 91
51) Acenaphthene	14.43	154	136028	30.08	ng	89
52) 3-Nitroaniline	14.28	138	23480	19.61	ng	89
53) 2,4-Dinitrophenol	14.49	184	30086	38.88	ng	# 87
54) Dibenzofuran	14.77	168	223053	30.41	ng	96
55) 4-Nitrophenol	14.60	139	59132	59.95	ng	# 87
56) 2,4-Dinitrotoluene	14.74	165	58639	32.34	ng	# 90
57) Fluorene	15.41	166	182222	30.48	ng	92
58) 2,3,4,6-Tetrachlorophenol	15.00	232	67098	30.07	ng	# 97
59) Diethylphthalate	15.20	149	197988	30.72	ng	96
60) 4-Chlorophenyl-phenylether	15.41	204	121301	31.07	ng	96
61) 4-Nitroaniline	15.44	138	37848	26.89	ng	# 77
62) Azobenzene	15.71	77	218117	31.40	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	39798	29.99	ng	93
65) n-Nitrosodiphenylamine	15.63	169	167936	30.86	ng	96
66) 4-Bromophenyl-phenylether	16.31	248	84976	32.74	ng	95
67) Hexachlorobenzene	16.42	284	92814	31.58	ng	97
68) Atrazine	16.58	200	77025	31.68	ng	96
69) Pentachlorophenol	16.77	266	96378	51.78	ng	95
70) Phenanthrene	17.15	178	316090	31.38	ng	98
71) Anthracene	17.25	178	310521	31.04	ng	99
72) Carbazole	17.52	167	289601	30.18	ng	99
73) Di-n-butylphthalate	18.08	149	350871	31.05	ng	99
74) Fluoranthene	19.17	202	477772	31.36	ng	98
76) Benzidine	19.36	184	131689	20.90	ng	97
77) Pyrene	19.54	202	486146	33.42	ng	100
79) Butylbenzylphthalate	20.44	149	175608	32.21	ng	96
80) Benzo(a)anthracene	21.28	228	514583	31.85	ng	98
81) 3,3'-Dichlorobenzidine	21.22	252	104706	17.66	ng	99
82) Chrysene	21.34	228	478202	32.20	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	248799	31.39	ng	99
84) Di-n-octyl phthalate	22.09	149	403399	31.26	ng	99
85) Indeno(1,2,3-cd)pyrene	25.87	276	540719	30.81	ng	99
87) Benzo(b)fluoranthene	22.88	252	524704	31.84	ng	# 98
88) Benzo(k)fluoranthene	22.93	252	477025	30.07	ng	# 98
89) Benzo(a)pyrene	23.47	252	479795	32.33	ng	98
90) Dibenzo(a,h)anthracene	25.88	278	440614	30.20	ng	97
91) Benzo(g,h,i)perylene	26.58	276	446558	30.80	ng	97

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

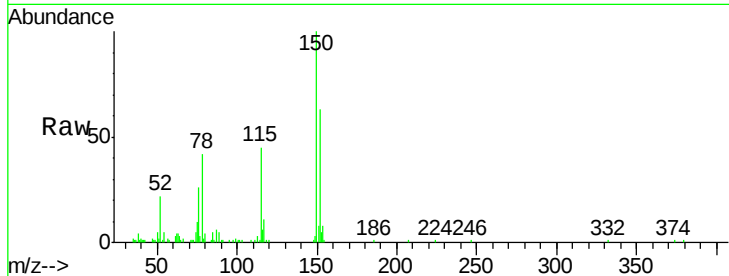


#1

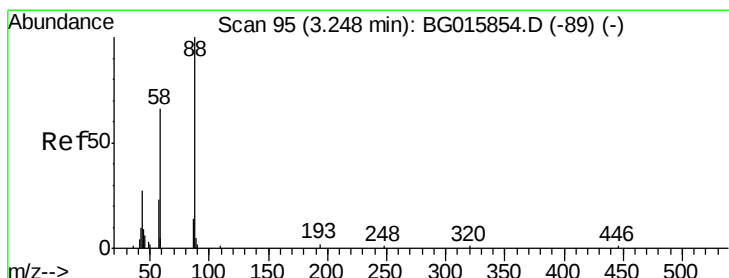
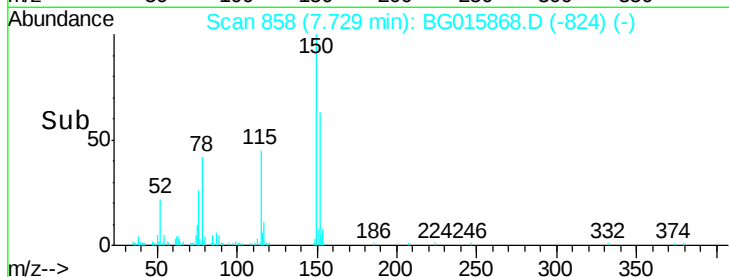
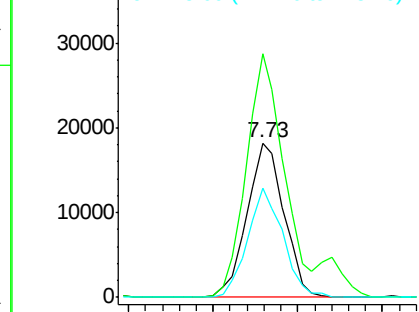
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

Tgt Ion:152 Resp: 27796
Ion Ratio Lower Upper
152 100
150 157.5 120.5 180.7
115 70.9 54.0 81.0



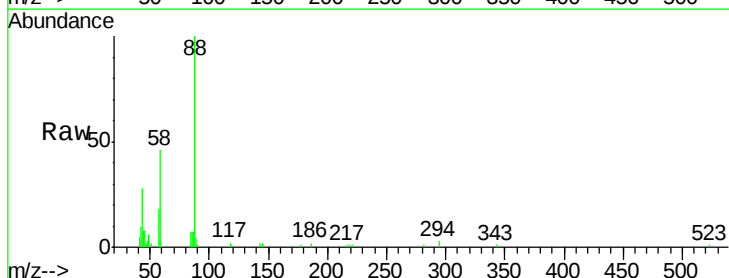
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



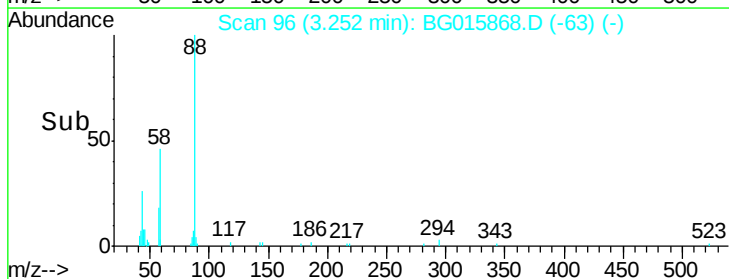
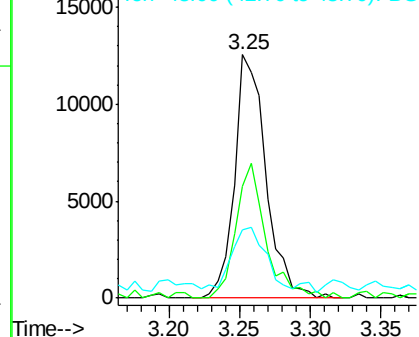
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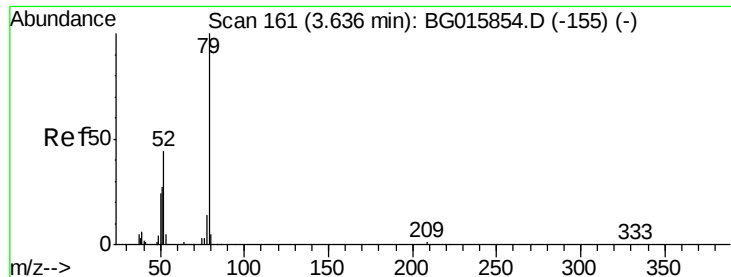
1,4-Dioxane
Concen: 26.19 ng
RT: 3.25 min Scan# 96
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion: 88 Resp: 19413
Ion Ratio Lower Upper
88 100
58 52.8 37.9 56.9
43 27.8 20.7 31.1



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: 22.13 ng

RT: 3.65 min Scan# 163

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

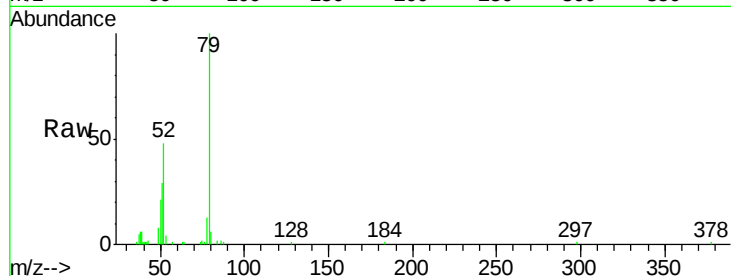
Tgt Ion: 79 Resp: 44970

Ion Ratio Lower Upper

79 100

52 48.0 30.6 46.0#

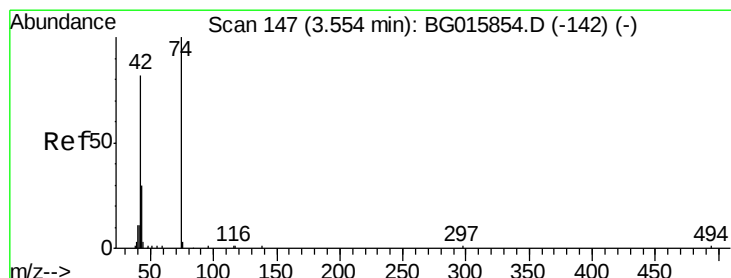
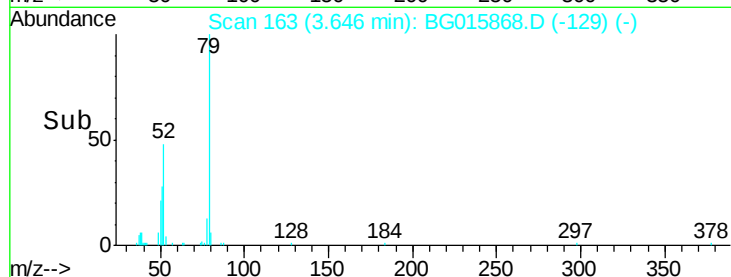
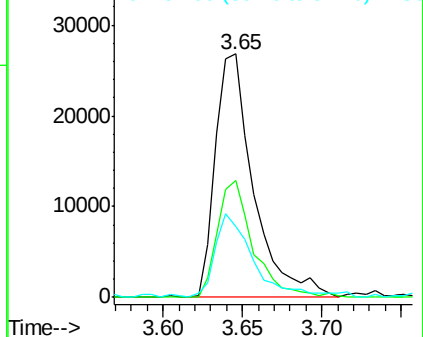
51 28.9 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.40 ng

RT: 3.56 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

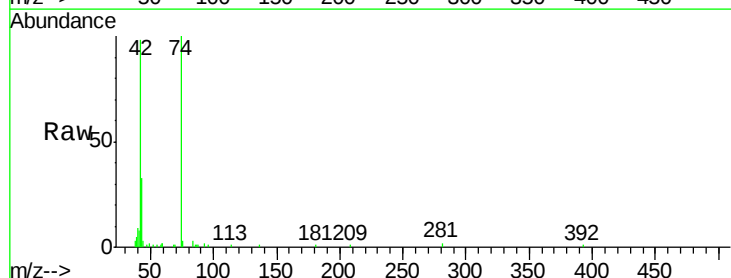
Tgt Ion: 42 Resp: 29169

Ion Ratio Lower Upper

42 100

74 102.5 108.8 163.2#

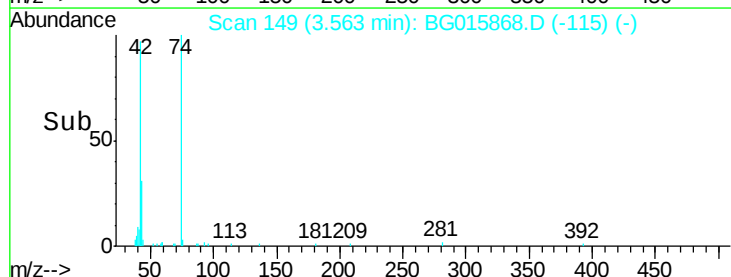
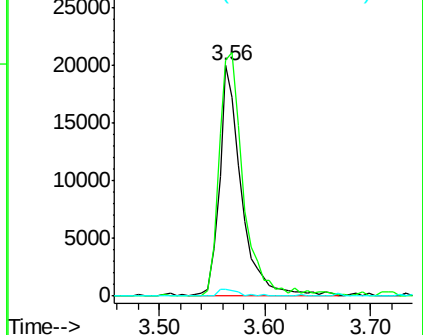
44 3.2 4.4 6.6#

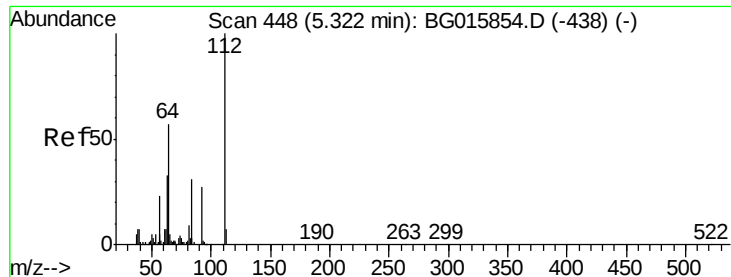


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 52.65 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

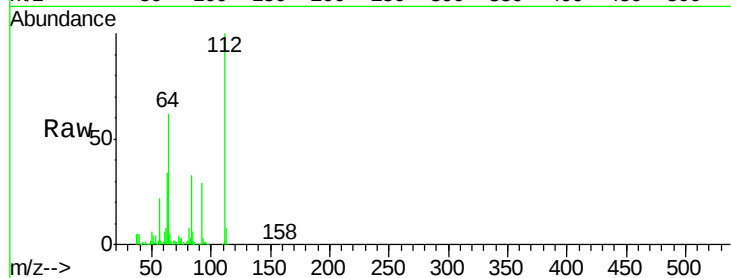
Tgt Ion: 112 Resp: 170166

Ion Ratio Lower Upper

112 100

64 61.8 46.8 70.2

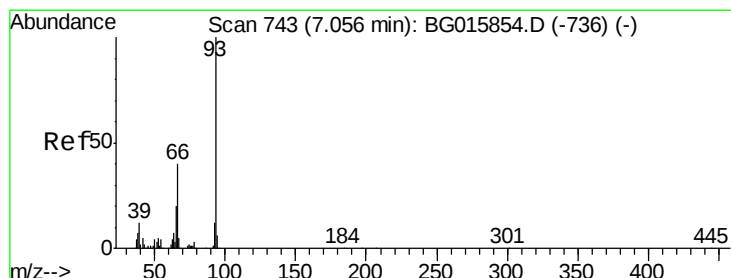
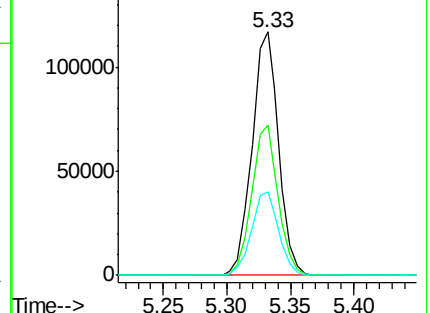
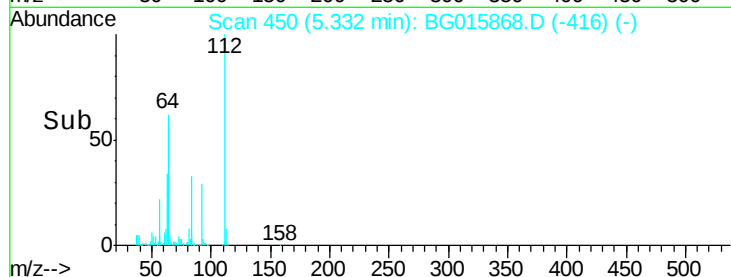
63 34.3 30.6 45.8



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: 16.63 ng

RT: 7.07 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

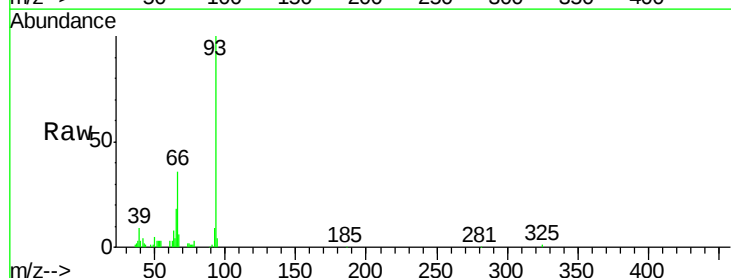
Tgt Ion: 93 Resp: 50592

Ion Ratio Lower Upper

93 100

66 35.7 28.7 43.1

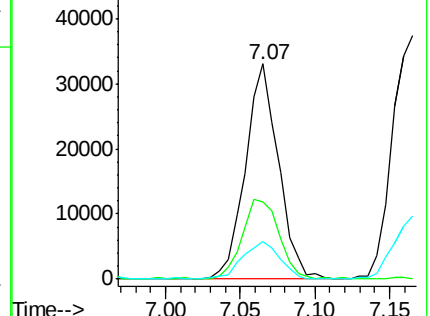
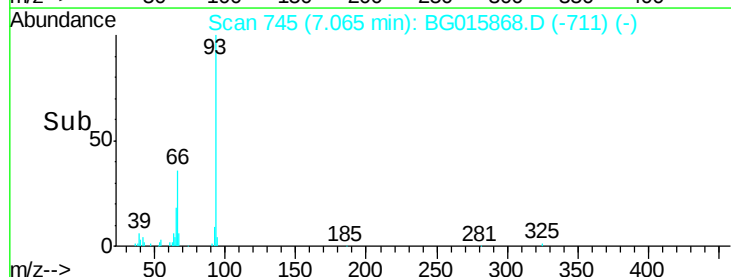
65 17.7 14.7 22.1

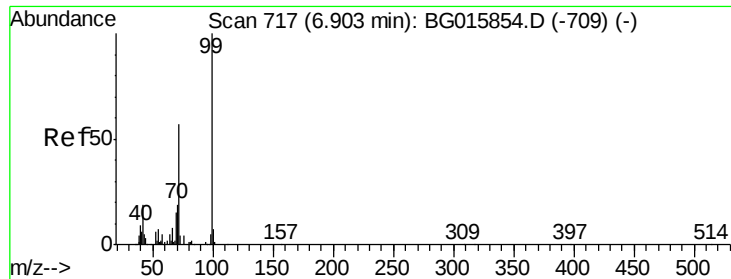


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 52.91 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

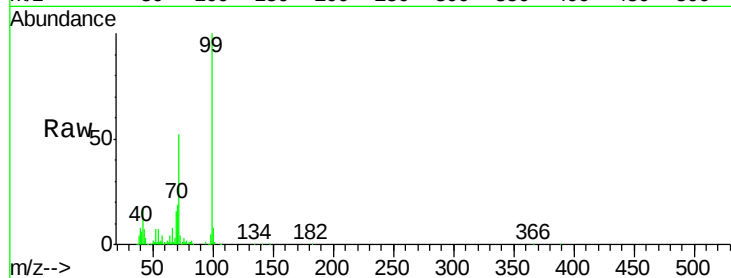
Tgt Ion: 99 Resp: 238157

Ion Ratio Lower Upper

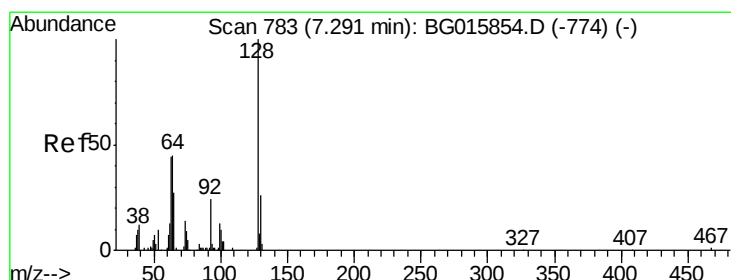
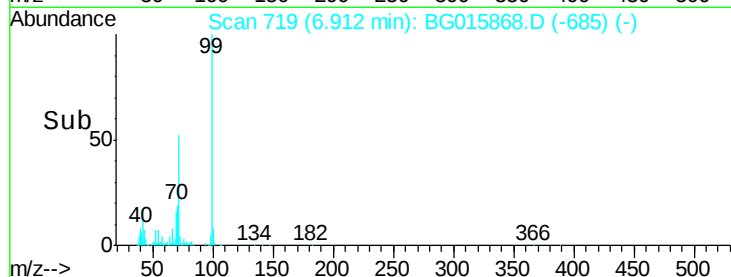
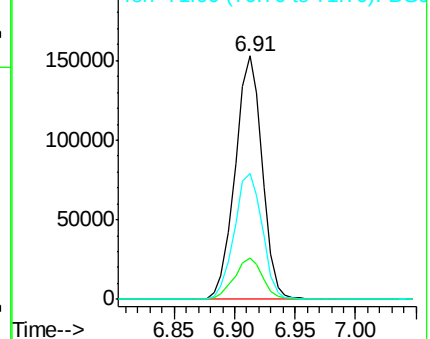
99 100

42 17.3 13.8 20.8

71 51.6 42.8 64.2



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: 31.77 ng

RT: 7.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

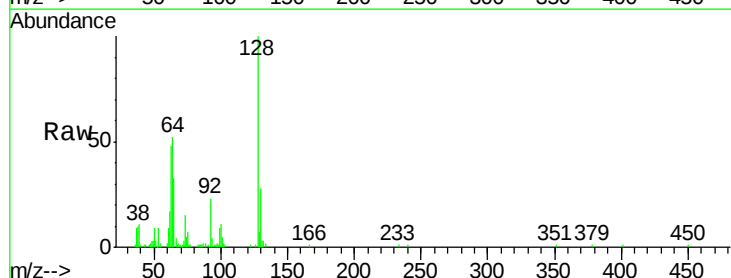
Tgt Ion: 128 Resp: 52919

Ion Ratio Lower Upper

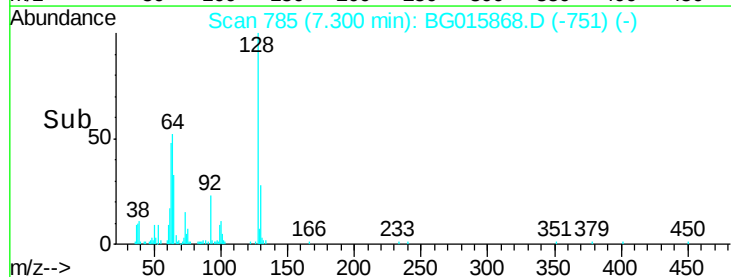
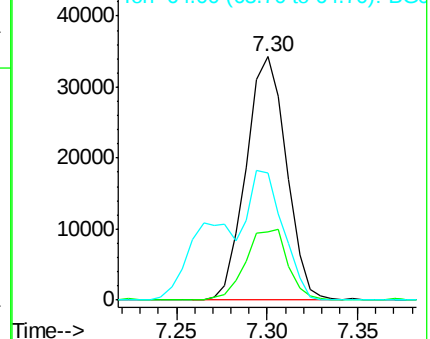
128 100

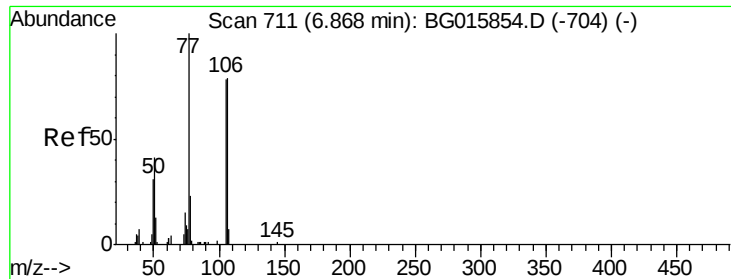
130 28.0 10.6 50.6

64 52.4 36.4 76.4



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





#9

Benzaldehyde

Concen: 29.95 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

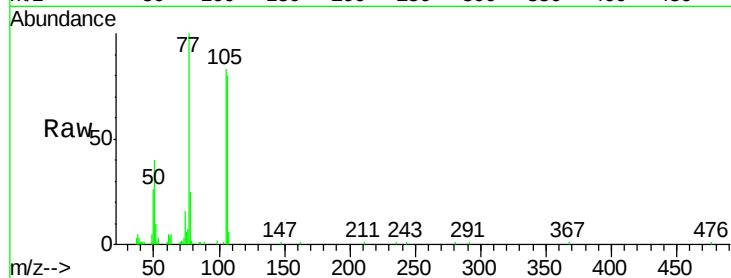
Tgt Ion: 77 Resp: 45392

Ion Ratio Lower Upper

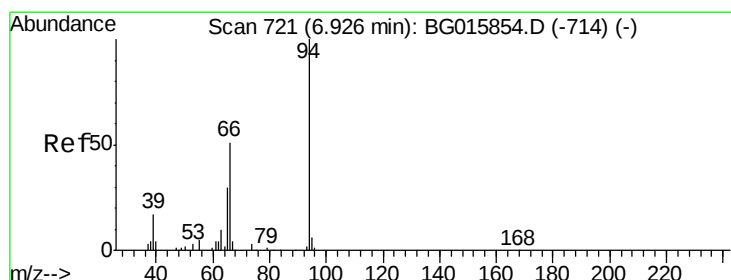
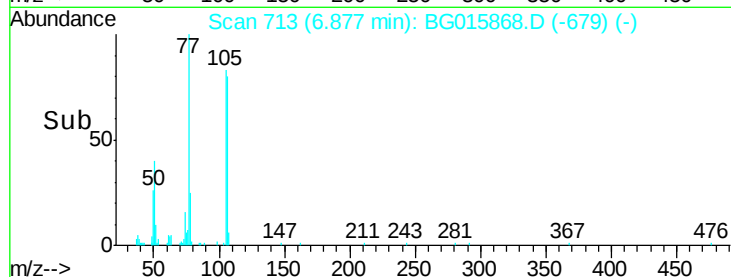
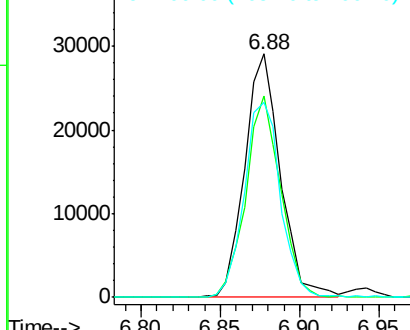
77 100

105 82.9 62.4 102.4

106 80.3 59.5 99.5



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



#10

Phenol

Concen: 34.81 ng

RT: 6.94 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

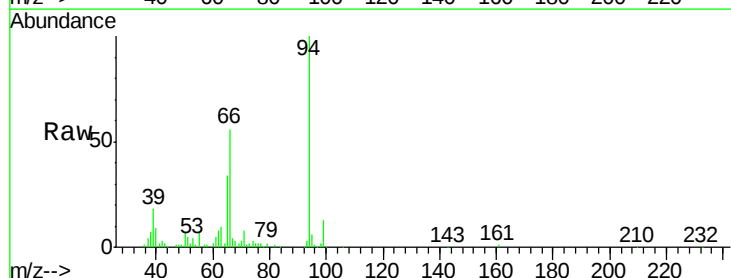
Tgt Ion: 94 Resp: 85295

Ion Ratio Lower Upper

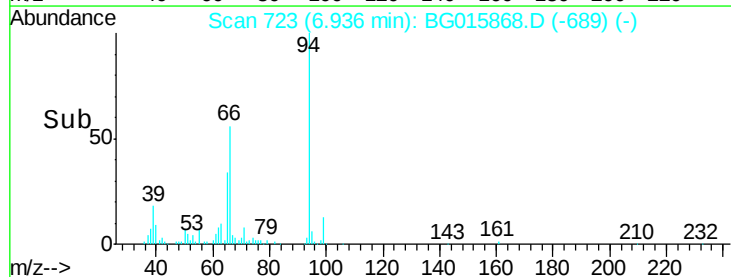
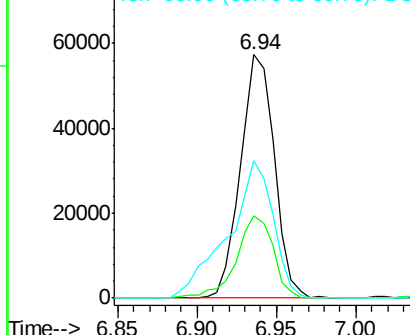
94 100

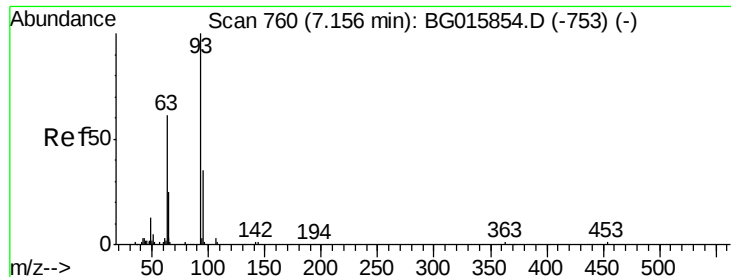
65 33.9 9.7 49.7

66 56.3 33.8 73.8



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: 31.16 ng

RT: 7.17 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

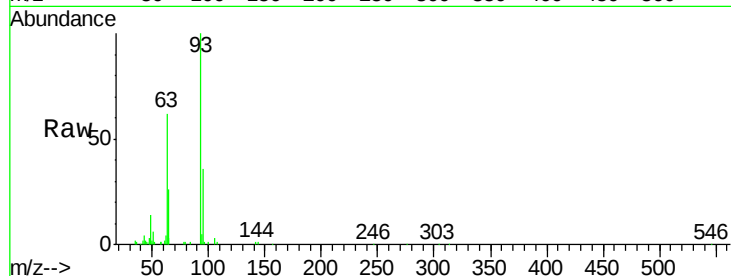
Tgt Ion: 93 Resp: 56279

Ion Ratio Lower Upper

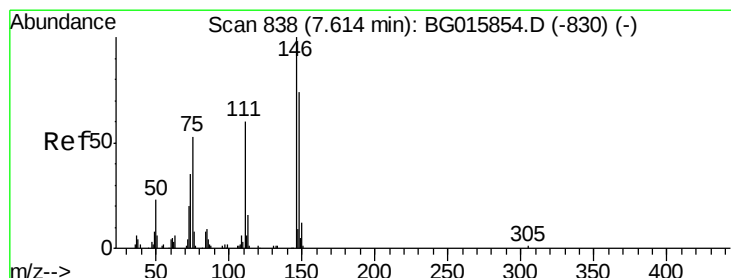
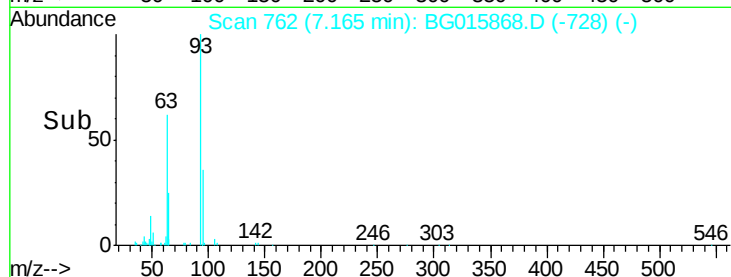
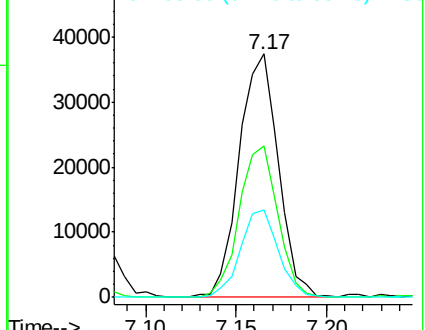
93 100

63 62.3 45.1 85.1

95 35.7 12.1 52.1



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: 28.75 ng

RT: 7.62 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

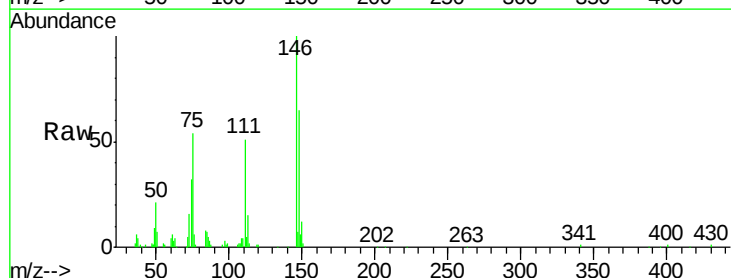
Tgt Ion: 146 Resp: 57399

Ion Ratio Lower Upper

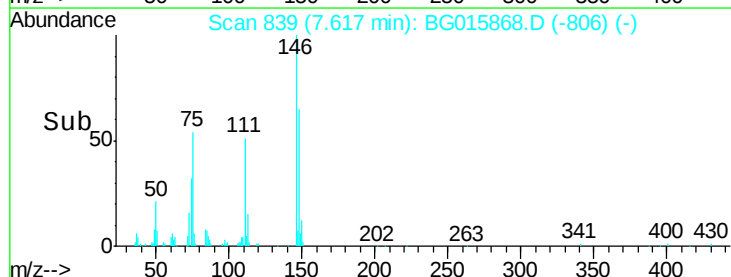
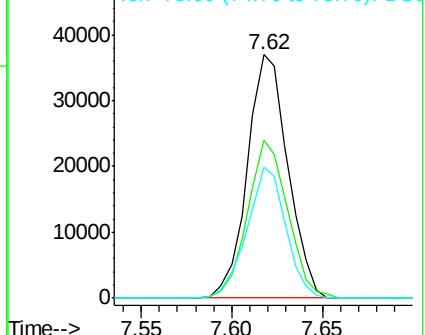
146 100

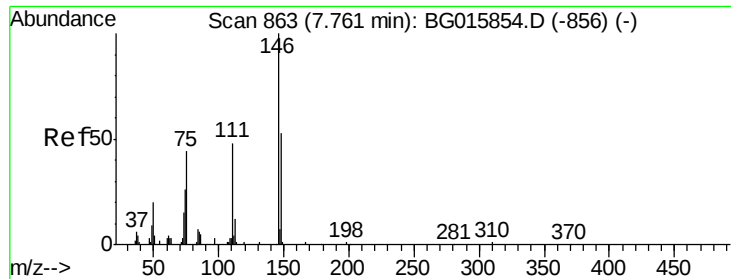
148 65.0 52.5 78.7

75 53.9 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

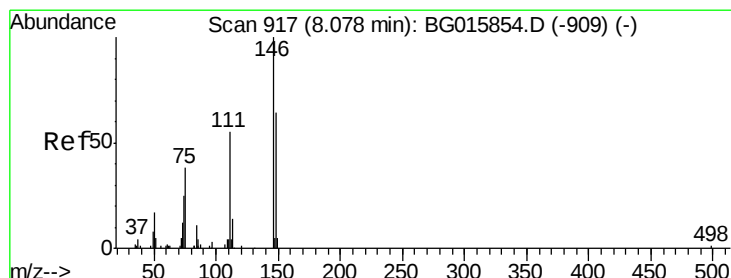
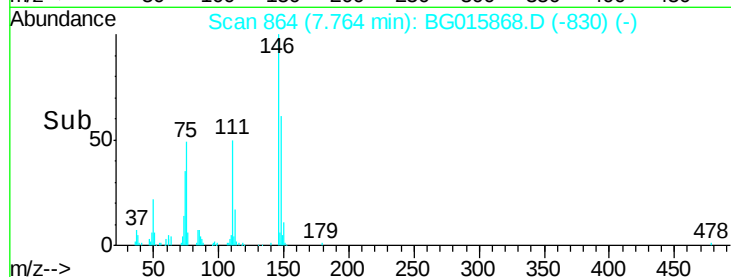
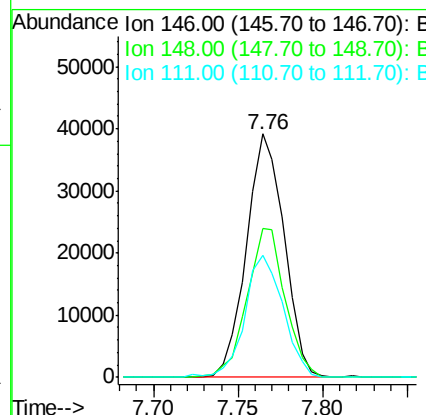
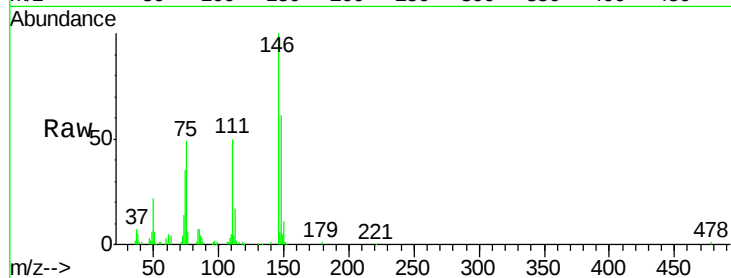




#13
 1,4-Dichlorobenzene
 Concen: 29.82 ng
 RT: 7.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

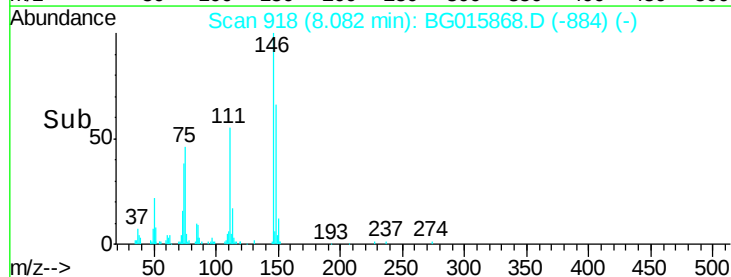
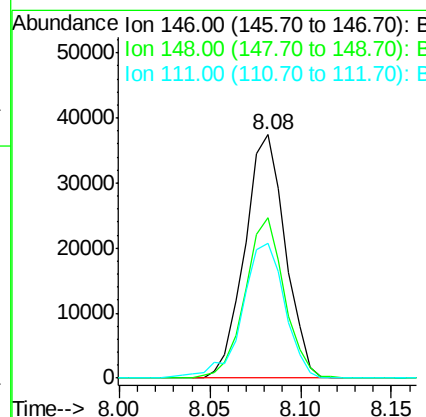
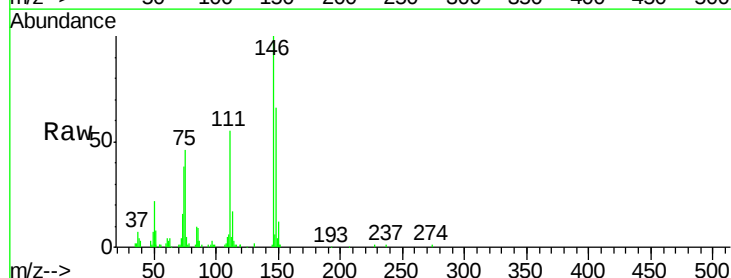
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

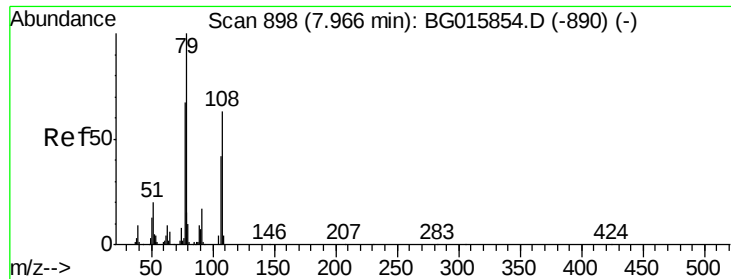
Tgt Ion:146 Resp: 60779
 Ion Ratio Lower Upper
 146 100
 148 61.0 46.5 69.7
 111 50.1 41.8 62.6



#14
 1,2-Dichlorobenzene
 Concen: 30.02 ng
 RT: 8.08 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion:146 Resp: 58069
 Ion Ratio Lower Upper
 146 100
 148 66.0 46.7 70.1
 111 55.2 39.6 59.4





#15

Benzyl Alcohol

Concen: 30.81 ng

RT: 7.97 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

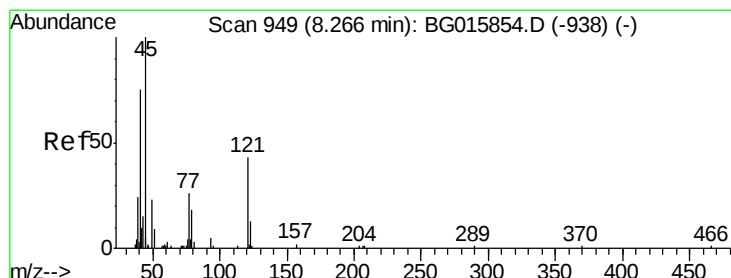
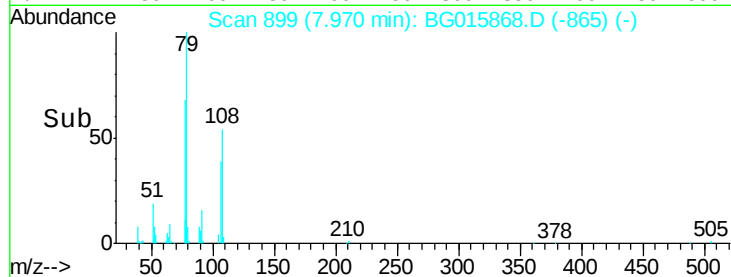
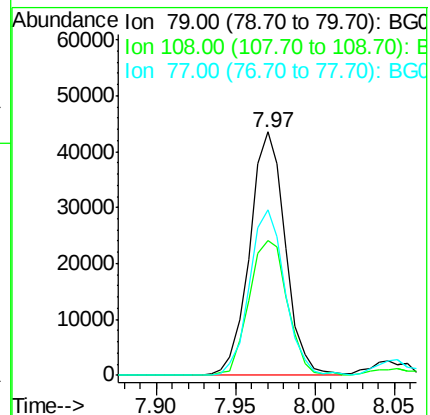
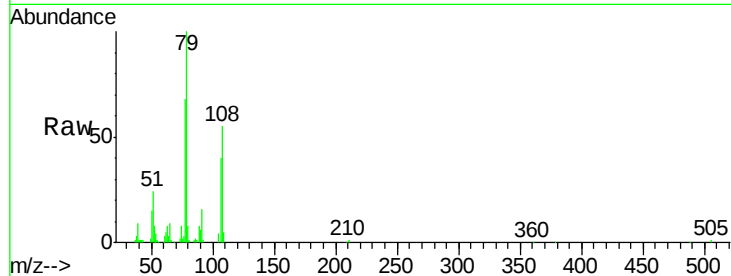
Tgt Ion: 79 Resp: 67729

Ion Ratio Lower Upper

79 100

108 55.3 47.0 70.4

77 68.2 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.25 ng

RT: 8.26 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

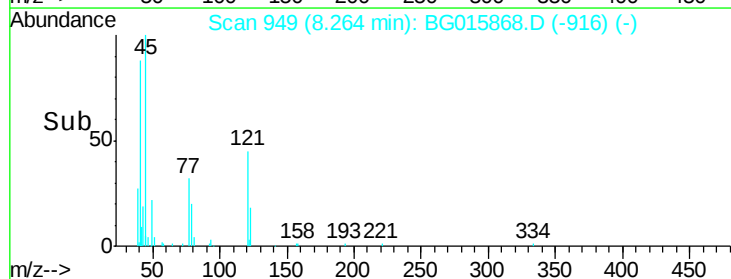
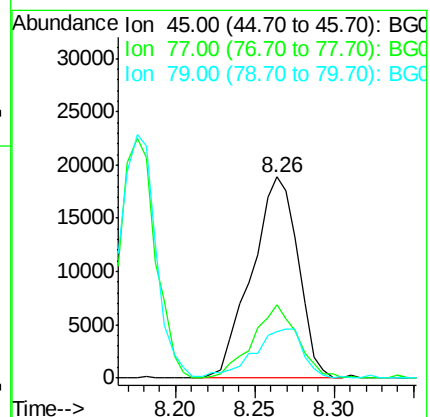
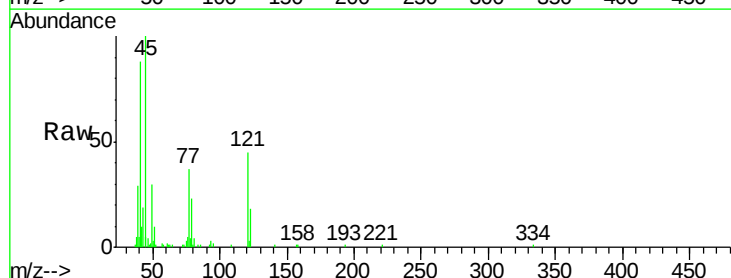
Tgt Ion: 45 Resp: 38346

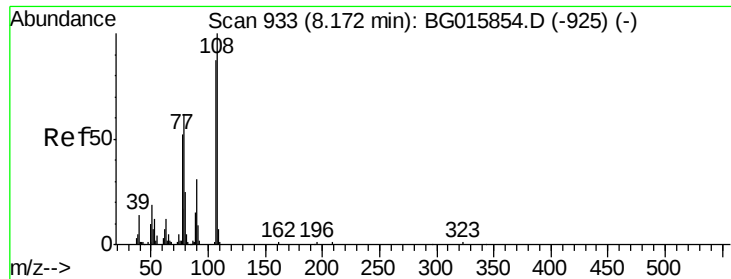
Ion Ratio Lower Upper

45 100

77 36.7 9.7 49.7

79 23.0 7.8 47.8

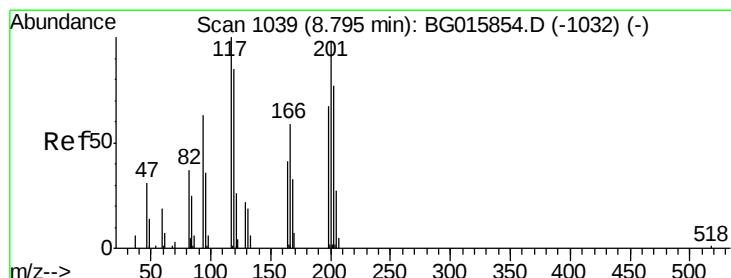
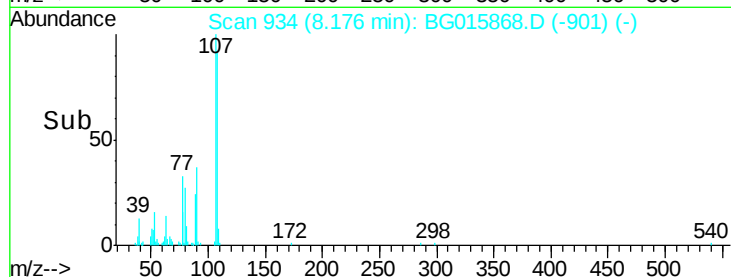
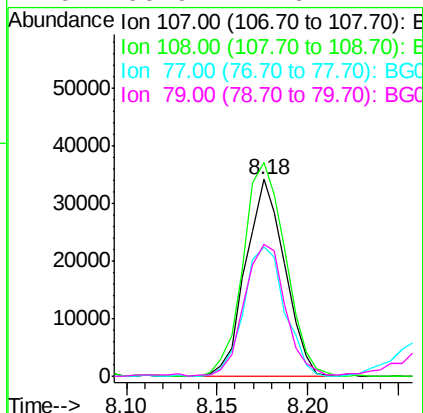
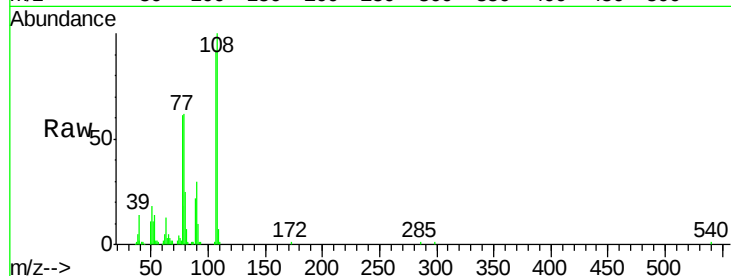




#17
2-Methylphenol
Concen: 30.51 ng
RT: 8.18 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

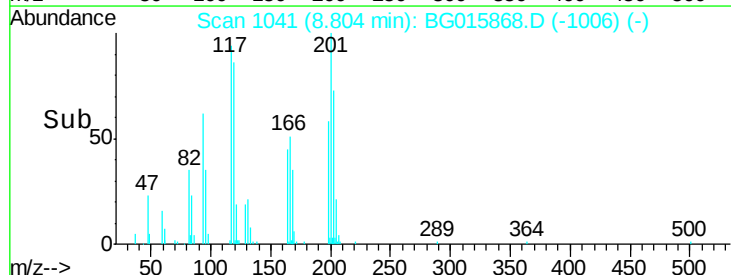
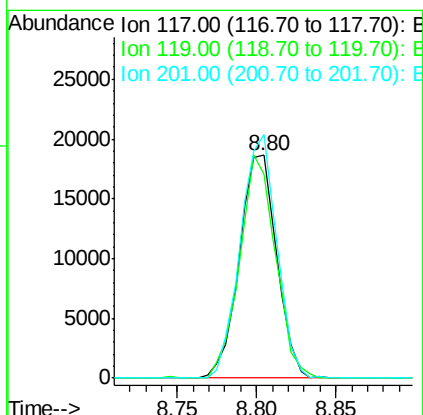
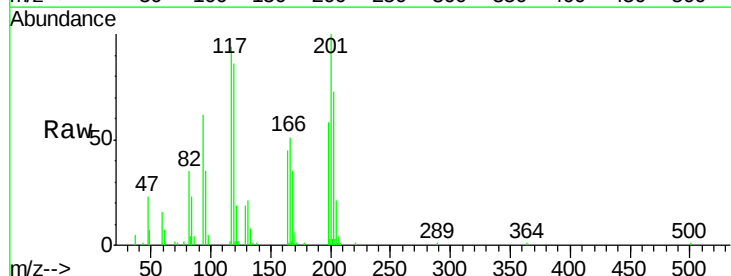
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

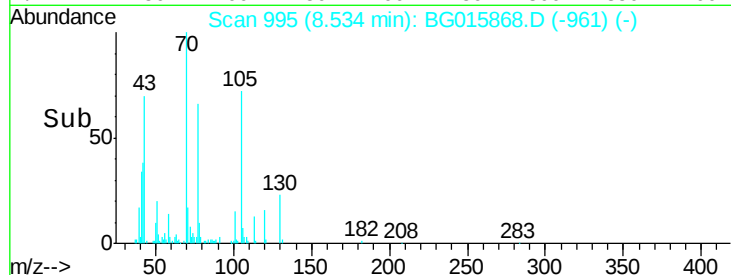
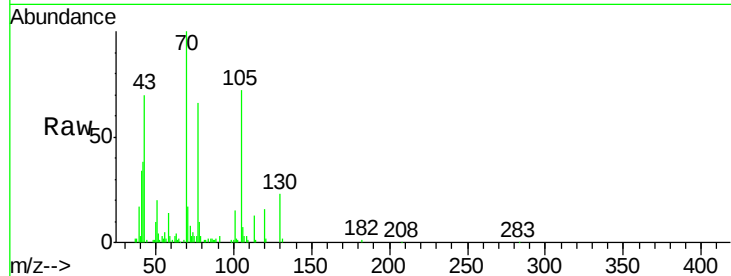
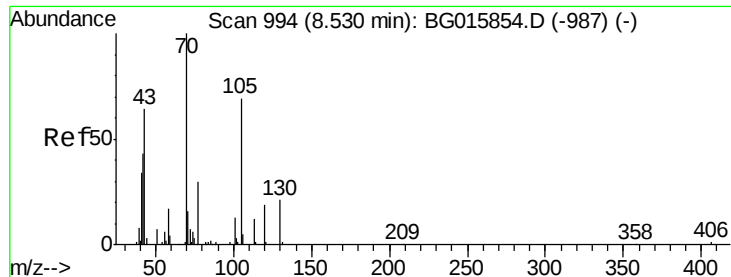
Tgt Ion:	107	Resp:	50995
Ion	Ratio	Lower	Upper
107	100		
108	108.7	88.9	133.3
77	66.0	46.6	69.8
79	66.9	47.6	71.4



#18
Hexachloroethane
Concen: 32.43 ng
RT: 8.80 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:	117	Resp:	30508
Ion	Ratio	Lower	Upper
117	100		
119	91.7	79.5	119.3
201	109.4	84.8	127.2

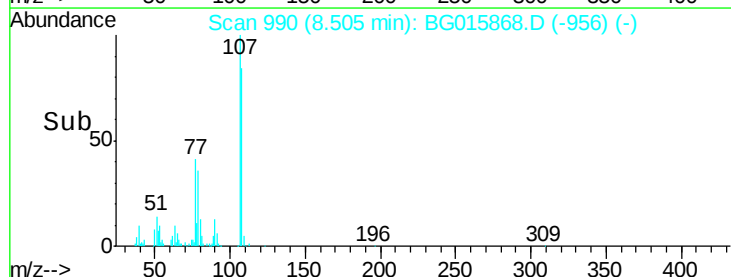
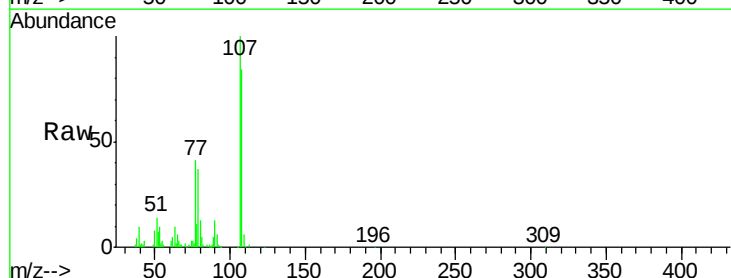
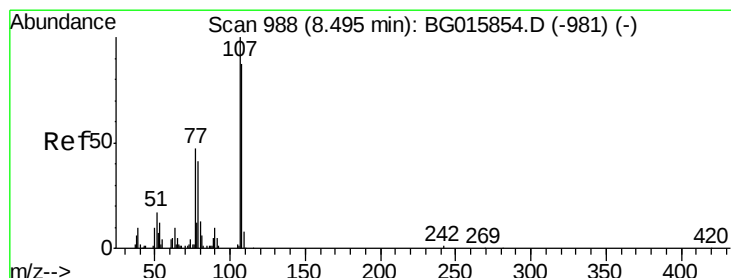
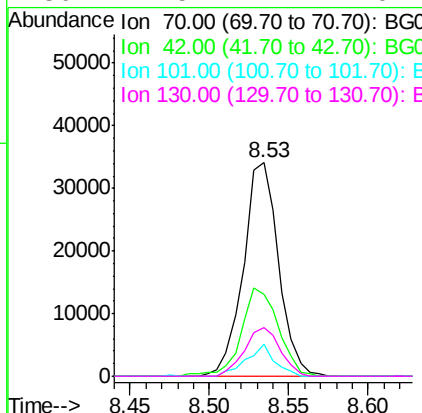




#19
n-Nitroso-di-n-propylamine
Concen: 29.89 ng
RT: 8.53 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

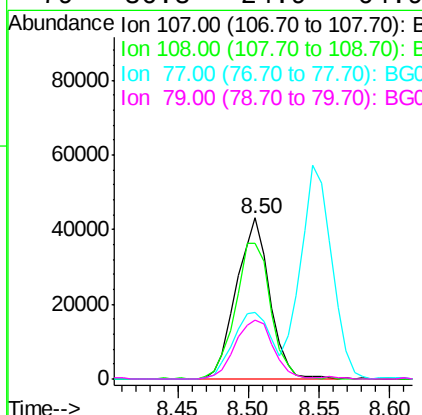
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

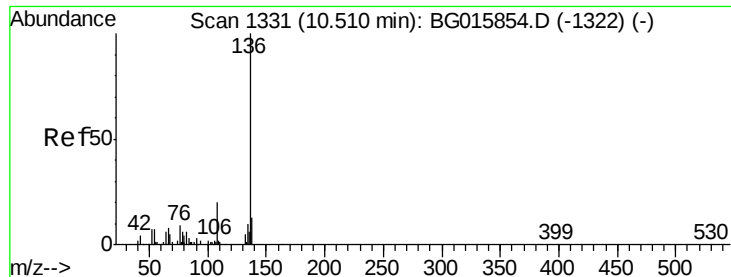
Tgt Ion: 70 Resp: 52491
Ion Ratio Lower Upper
70 100
42 38.4 36.6 54.8
101 15.3 9.4 14.2#
130 22.5 17.4 26.2



#20
3+4-Methylphenols
Concen: 31.88 ng
RT: 8.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion: 107 Resp: 71058
Ion Ratio Lower Upper
107 100
108 84.4 80.9 120.9
77 41.0 32.1 72.1
79 36.8 24.9 64.9

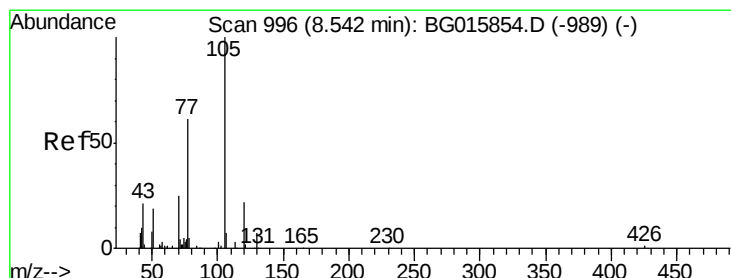
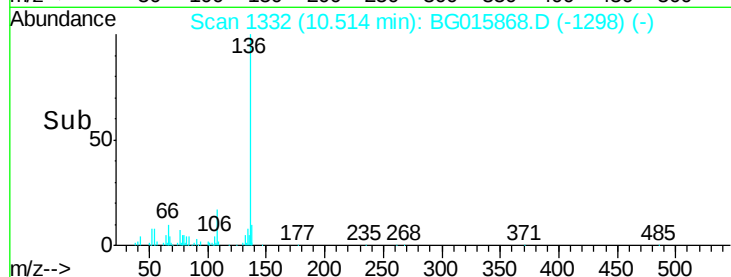
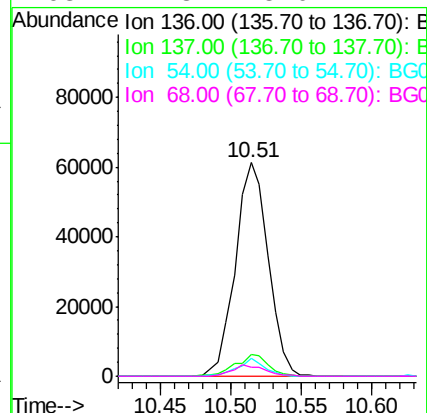
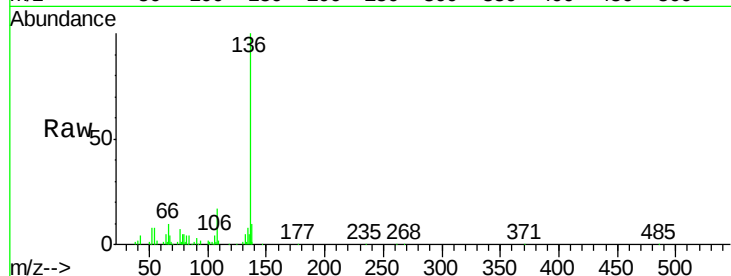




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

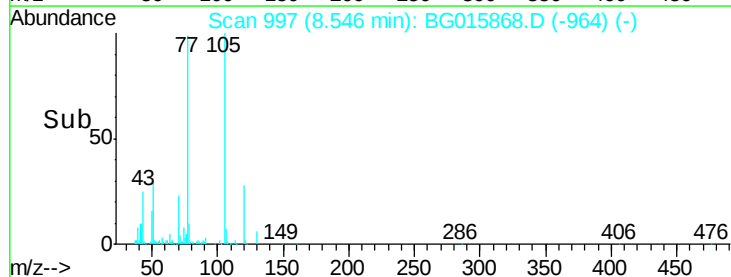
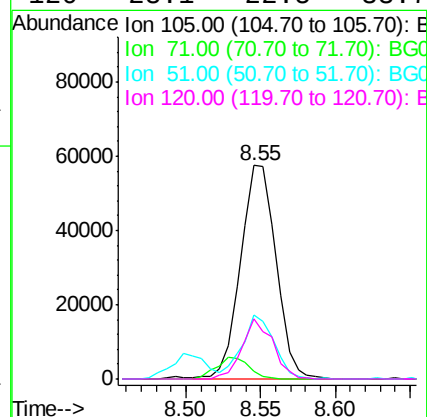
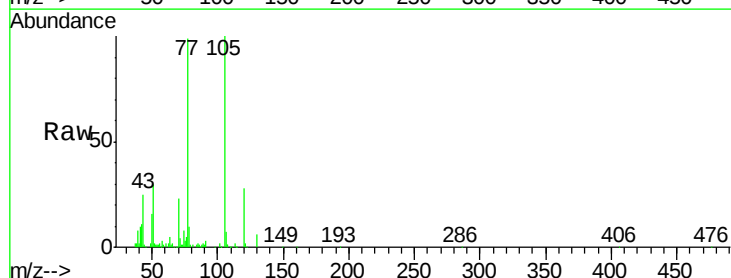
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

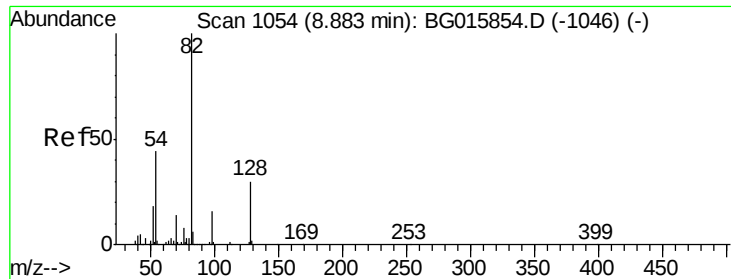
Tgt Ion:	136	Resp:	99146
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	8.4	4.5	6.7#
68	4.3	5.0	7.4#



#22
Acetophenone
Concen: 32.65 ng
RT: 8.55 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:	105	Resp:	94913
Ion	Ratio	Lower	Upper
105	100		
71	3.9	0.9	1.3#
51	30.2	21.4	32.2
120	28.1	22.5	33.7

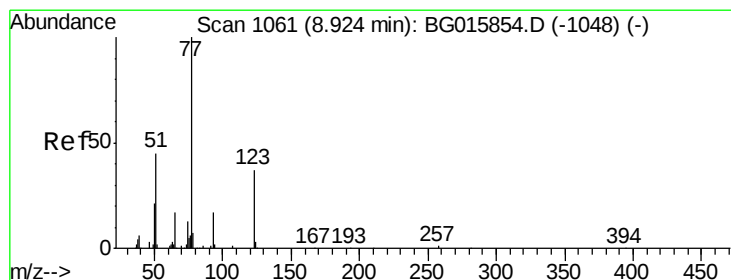
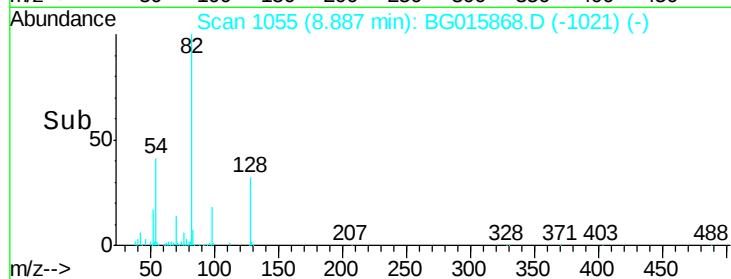
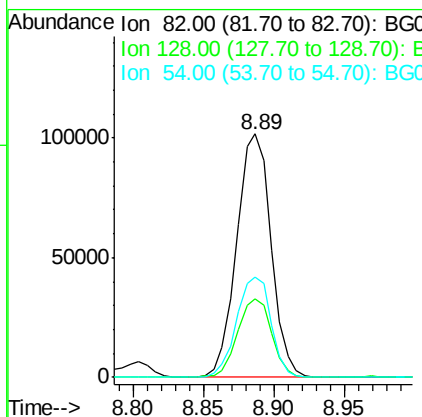
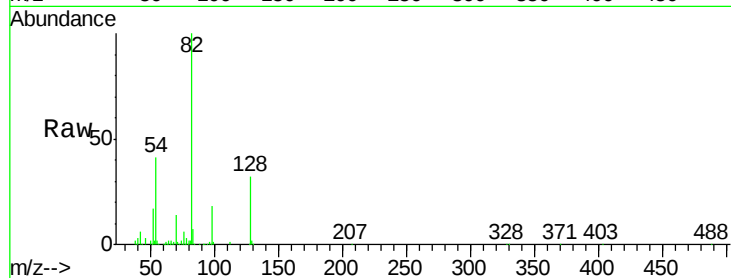




#23
 Nitrobenzene-d5
 Concen: 34.31 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

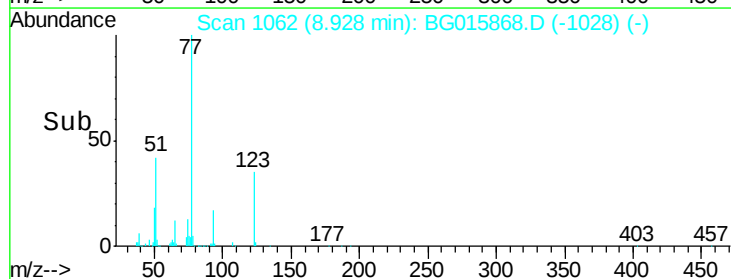
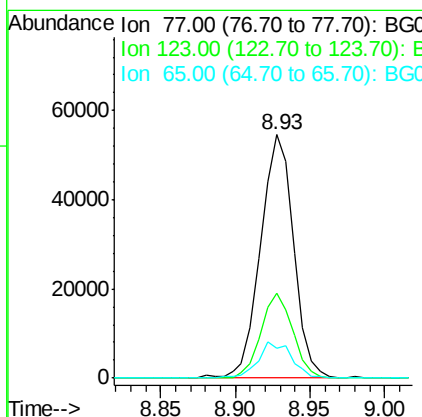
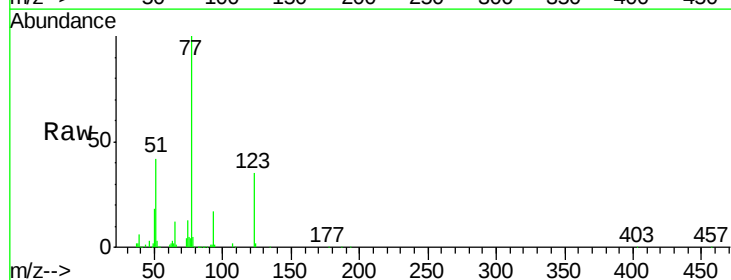
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

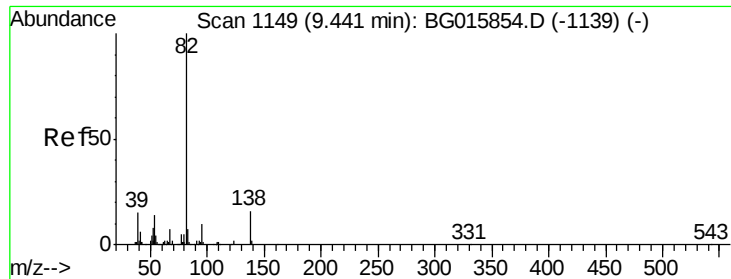
Tgt Ion: 82 Resp: 173354
 Ion Ratio Lower Upper
 82 100
 128 32.2 23.4 35.0
 54 41.3 32.3 48.5



#24
 Nitrobenzene
 Concen: 32.70 ng
 RT: 8.93 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion: 77 Resp: 83236
 Ion Ratio Lower Upper
 77 100
 123 35.0 27.0 40.4
 65 12.2 12.0 18.0

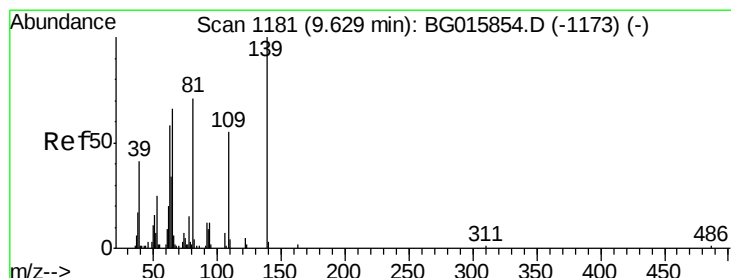
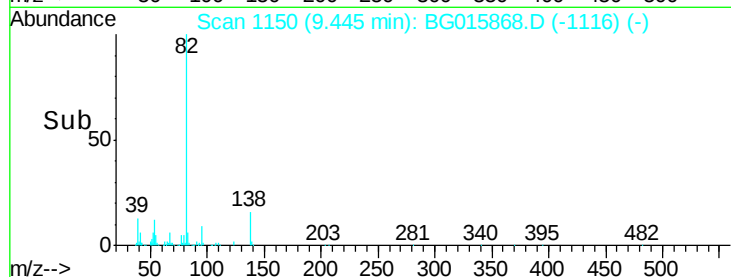
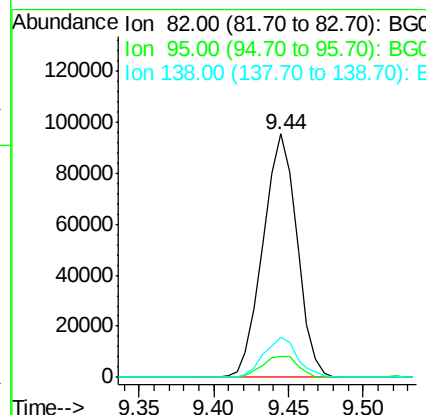
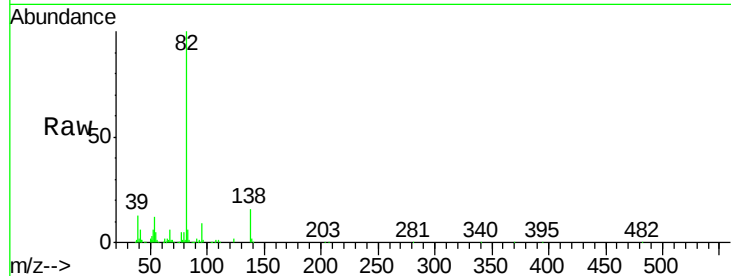




#25
Isophorone
Concen: 33.55 ng
RT: 9.44 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

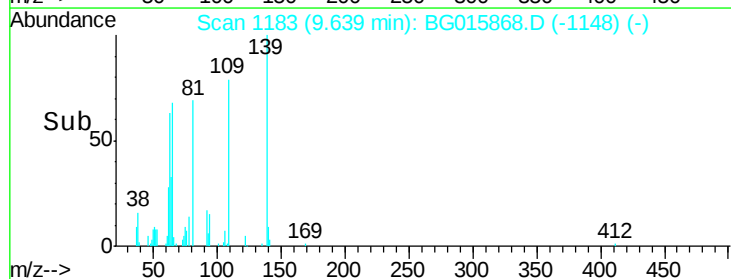
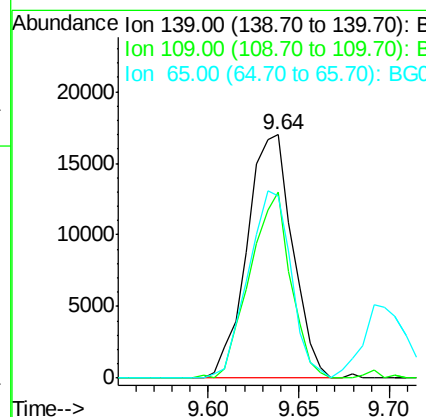
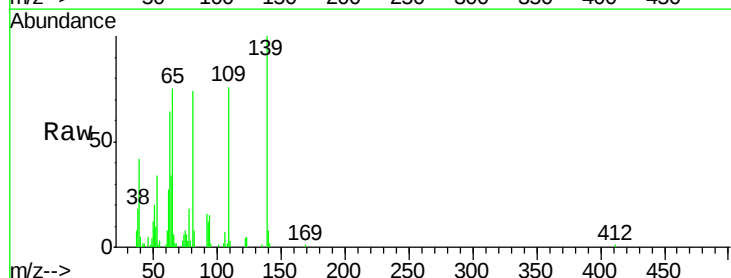
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

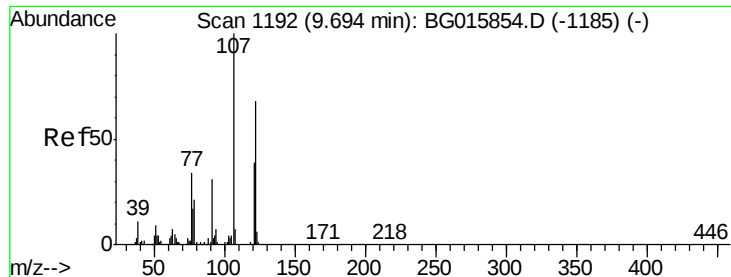
Tgt Ion: 82 Resp: 150360
Ion Ratio Lower Upper
82 100
95 8.8 7.5 11.3
138 16.3 12.6 18.8



#26
2-Nitrophenol
Concen: 30.45 ng
RT: 9.64 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion: 139 Resp: 29697
Ion Ratio Lower Upper
139 100
109 76.4 47.0 70.4#
65 74.9 48.5 72.7#

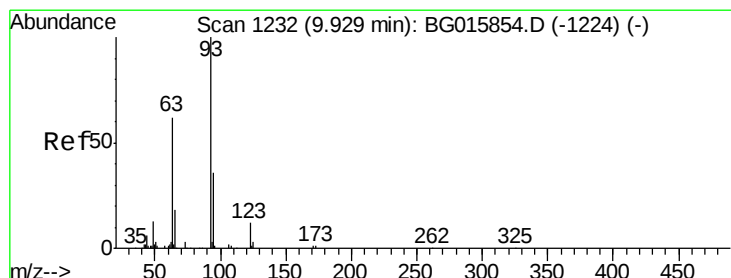
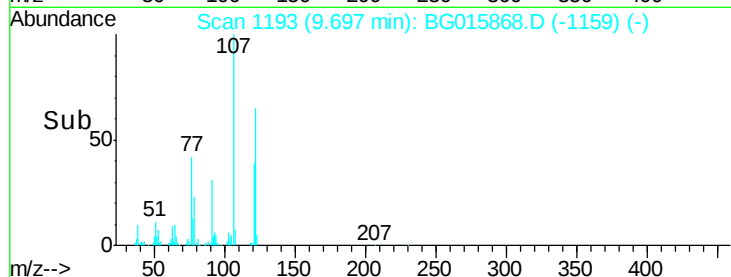
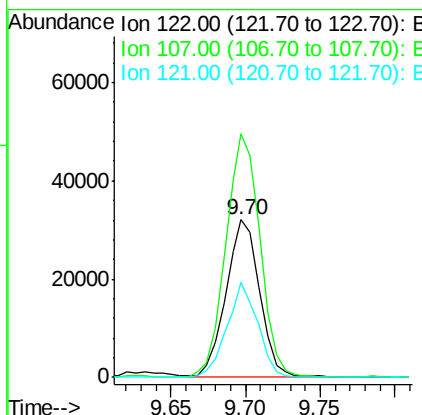
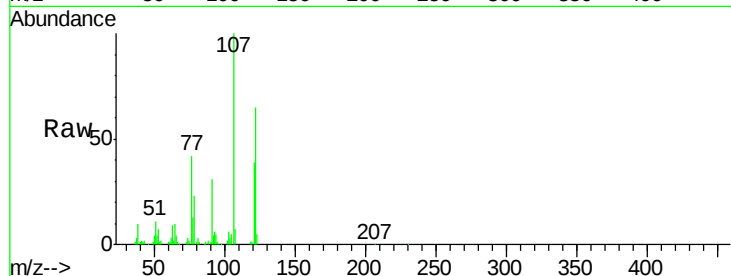




#27
 2,4-Dimethylphenol
 Concen: 31.13 ng
 RT: 9.70 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

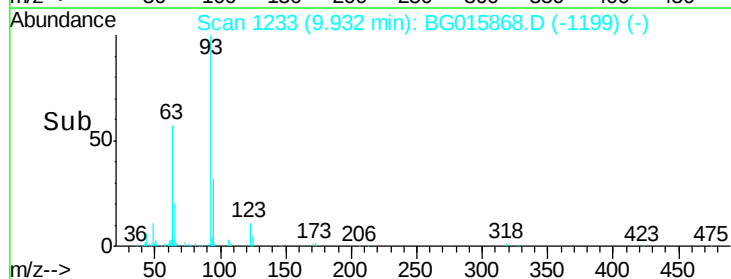
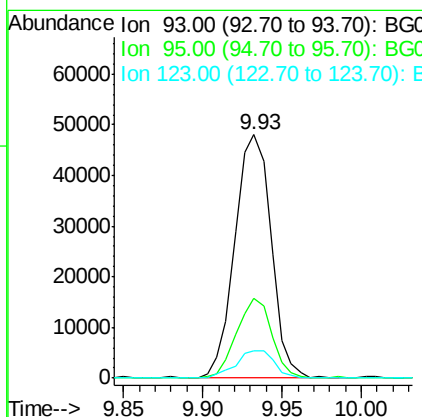
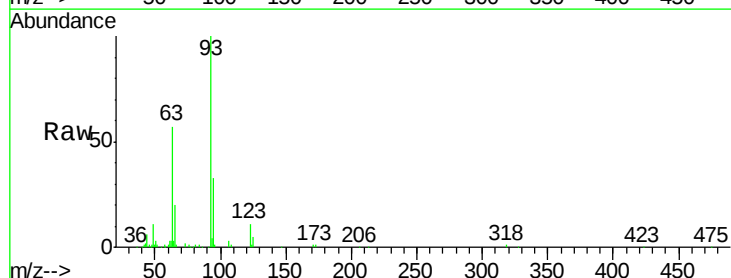
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

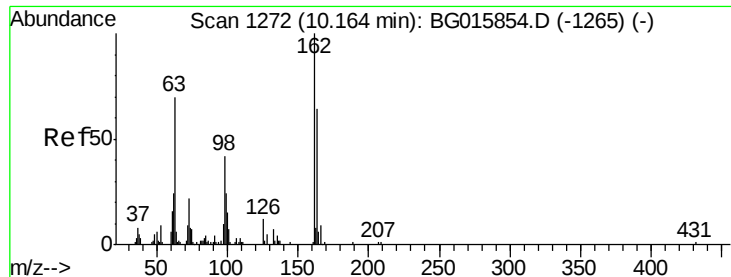
Tgt Ion:122 Resp: 50794
 Ion Ratio Lower Upper
 122 100
 107 154.7 120.8 181.2
 121 60.3 41.2 61.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.52 ng
 RT: 9.93 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion: 93 Resp: 76318
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.5 41.3
 123 11.3 9.1 13.7

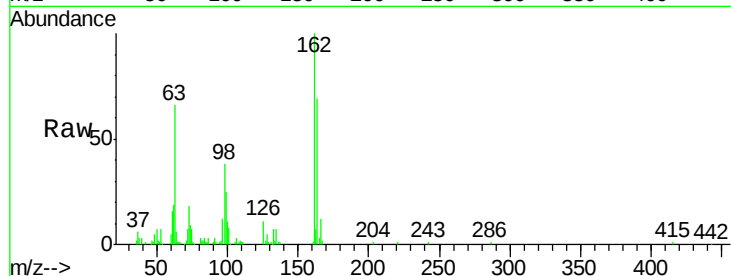




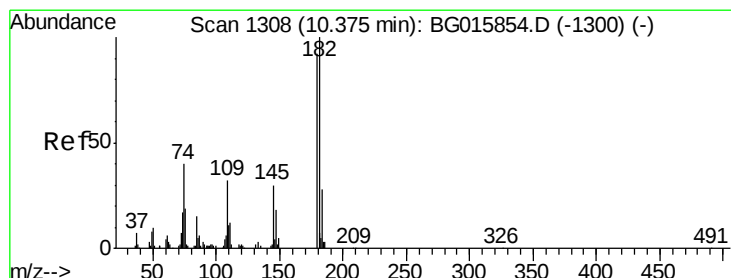
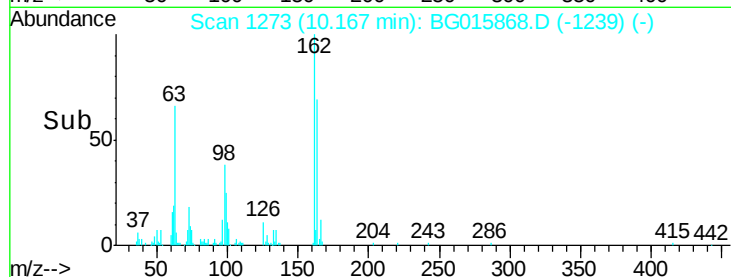
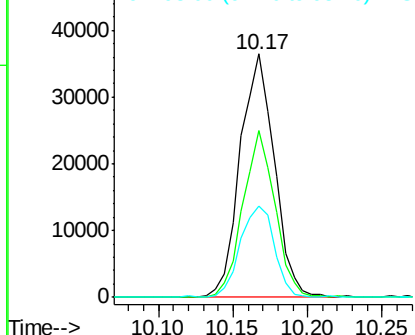
#29
2,4-Dichlorophenol
Concen: 35.18 ng
RT: 10.17 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

Tgt Ion:162 Resp: 57990
Ion Ratio Lower Upper
162 100
164 68.8 44.0 84.0
98 37.6 24.2 64.2

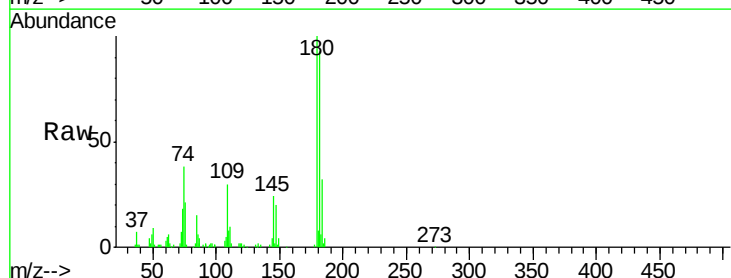


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

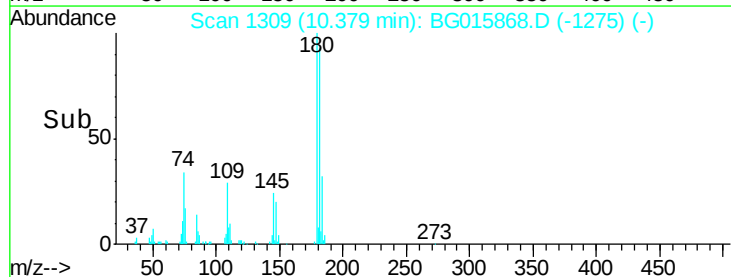
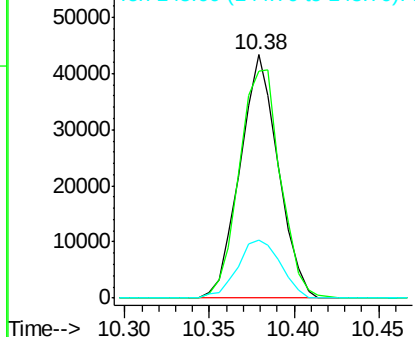


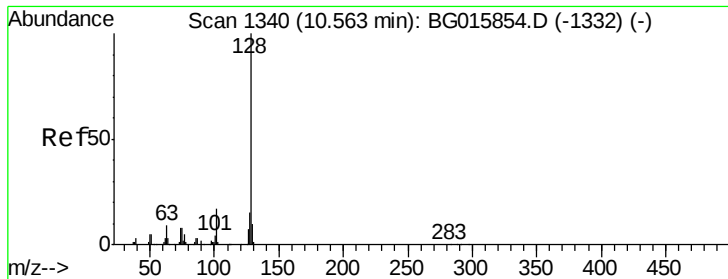
#30
1,2,4-Trichlorobenzene
Concen: 31.58 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:180 Resp: 68194
Ion Ratio Lower Upper
180 100
182 93.3 84.8 127.2
145 23.9 22.8 34.2



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

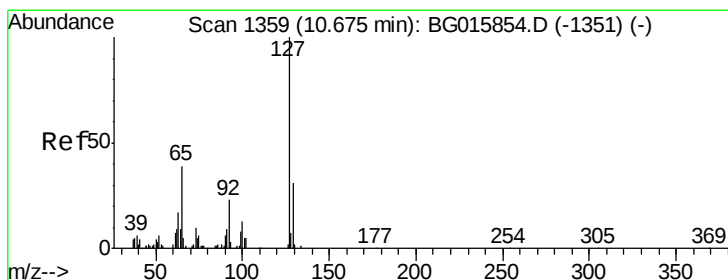
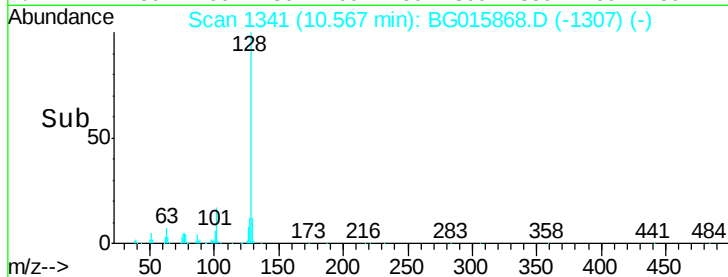
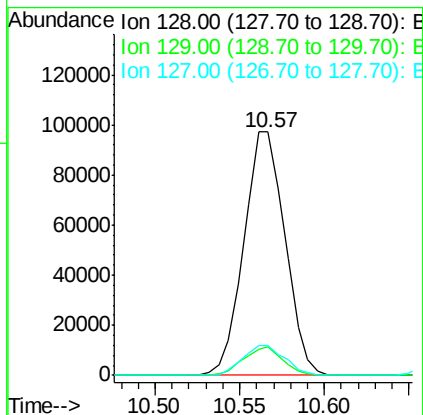
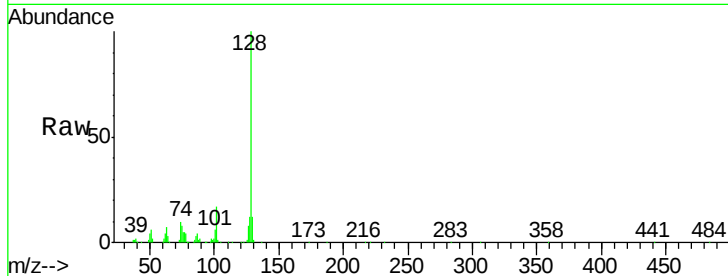




#31
Naphthalene
Concen: 31.37 ng
RT: 10.57 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

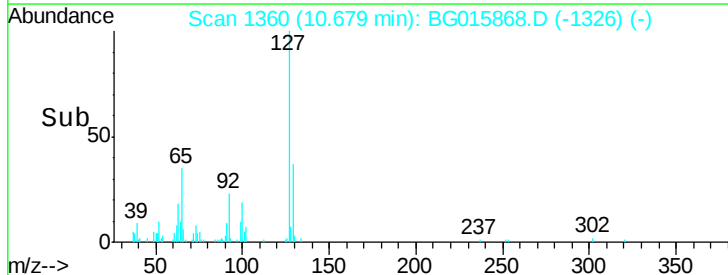
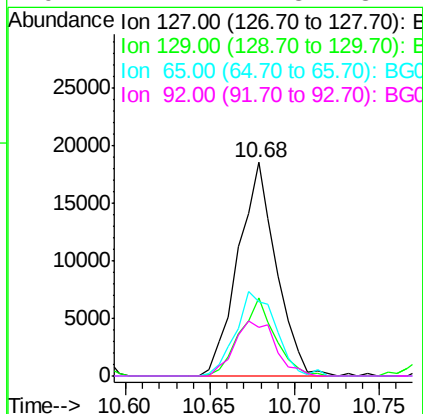
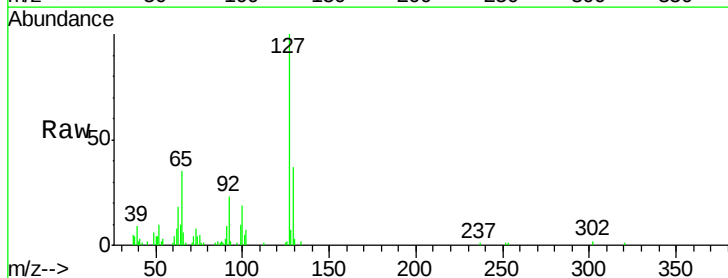
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

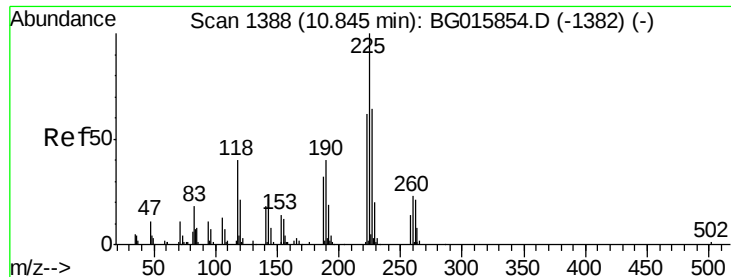
Tgt Ion:128 Resp: 164720
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 12.4 10.6 15.8



#33
4-Chloroaniline
Concen: 13.63 ng
RT: 10.68 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:127 Resp: 29143
Ion Ratio Lower Upper
127 100
129 36.6 25.0 37.6
65 35.0 33.3 49.9
92 22.7 22.8 34.2#

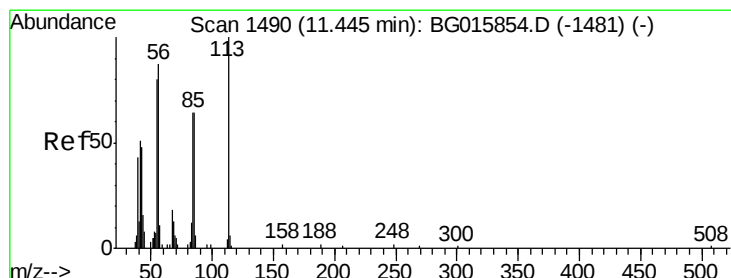
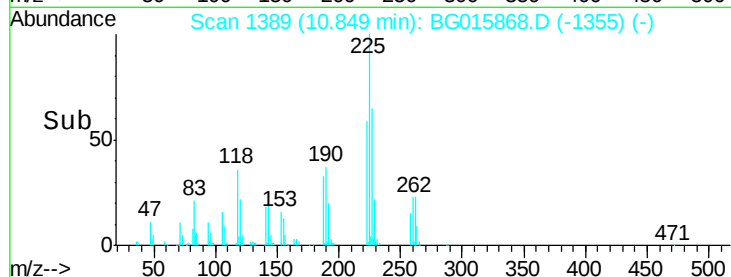
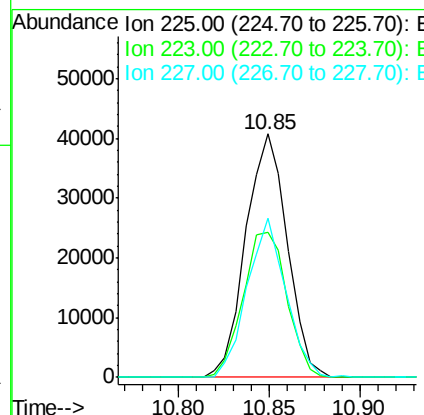
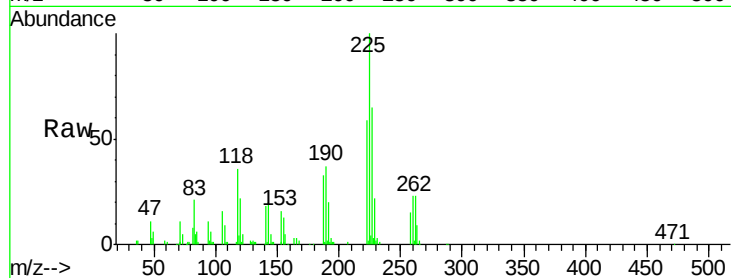




#34
Hexachlorobutadiene
Concen: 32.22 ng
RT: 10.85 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

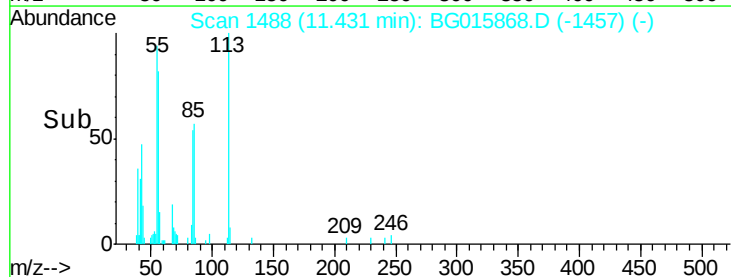
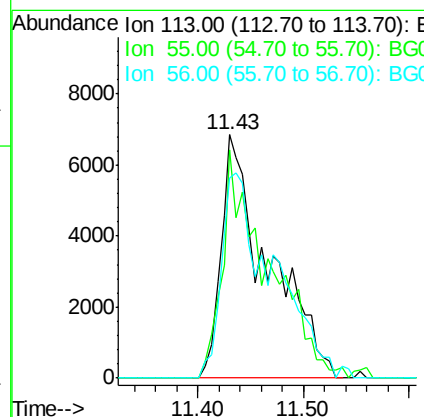
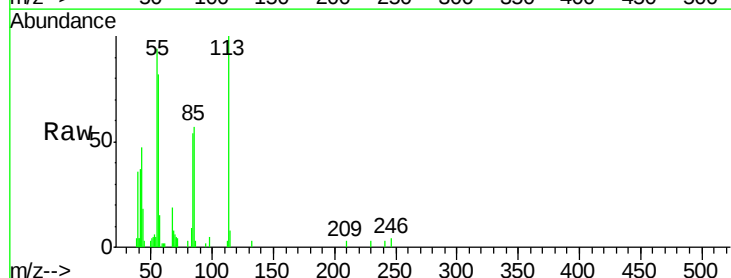
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

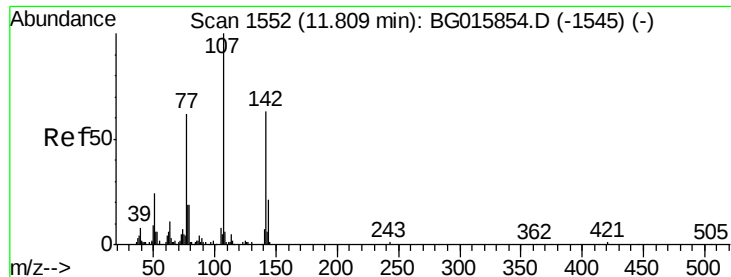
Tgt Ion: 225 Resp: 64663
Ion Ratio Lower Upper
225 100
223 57.4 54.6 81.8
227 66.3 50.4 75.6



#35
Caprolactam
Concen: 29.37 ng
RT: 11.43 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion: 113 Resp: 21292
Ion Ratio Lower Upper
113 100
55 93.7 71.3 111.3
56 82.3 76.0 116.0

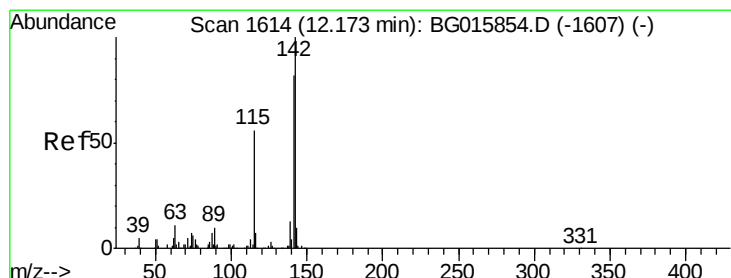
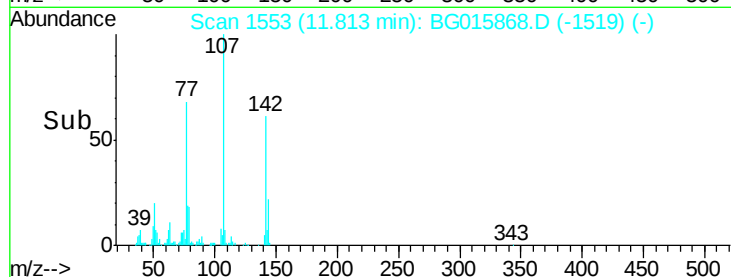
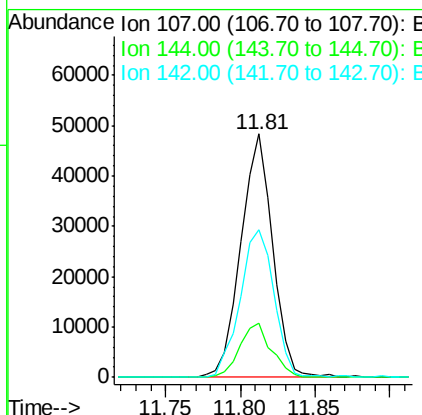
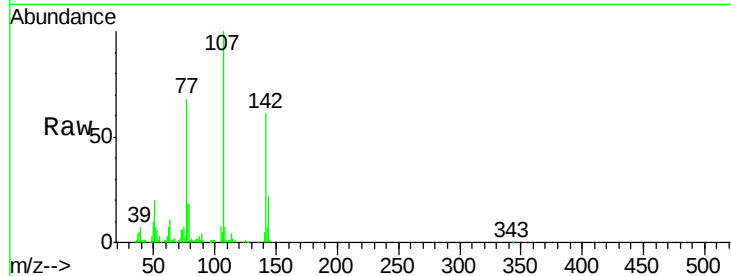




#36
 4-Chloro-3-methylphenol
 Concen: 33.25 ng
 RT: 11.81 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

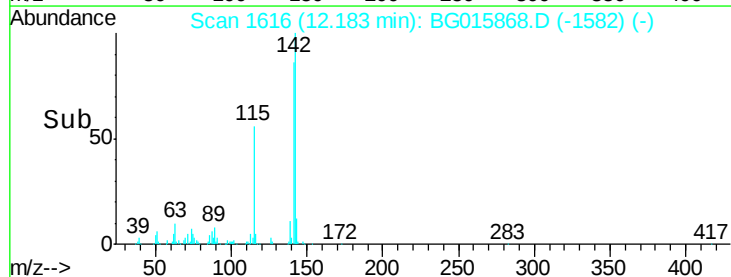
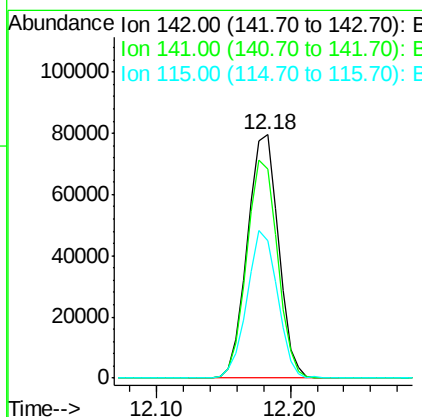
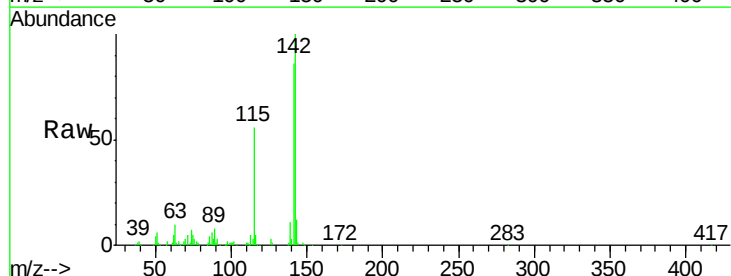
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

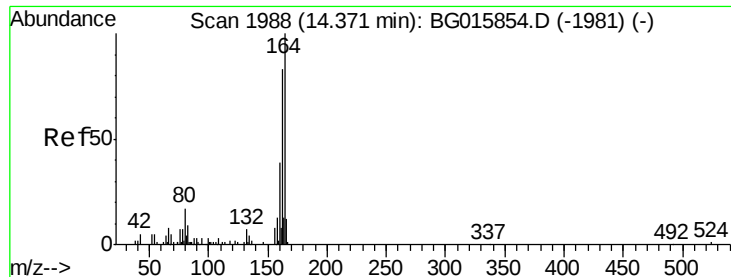
Tgt Ion:107 Resp: 71400
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.2 27.2
 142 60.5 54.7 82.1



#37
 2-Methylnaphthalene
 Concen: 32.43 ng
 RT: 12.18 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion:142 Resp: 127465
 Ion Ratio Lower Upper
 142 100
 141 86.0 67.3 100.9
 115 56.2 44.3 66.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

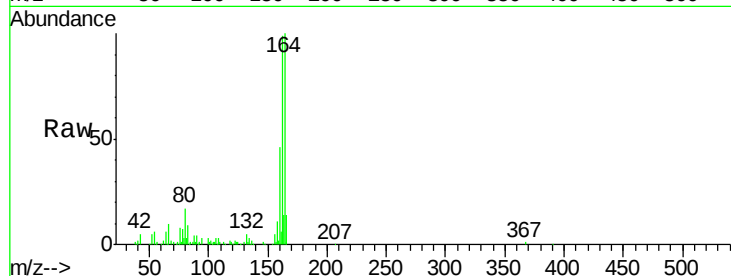
Tgt Ion:164 Resp: 79103

Ion Ratio Lower Upper

164 100

162 98.6 75.5 113.3

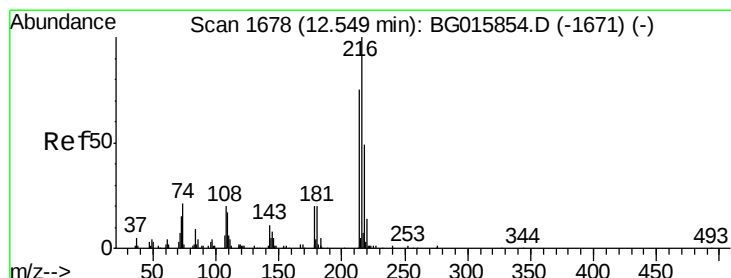
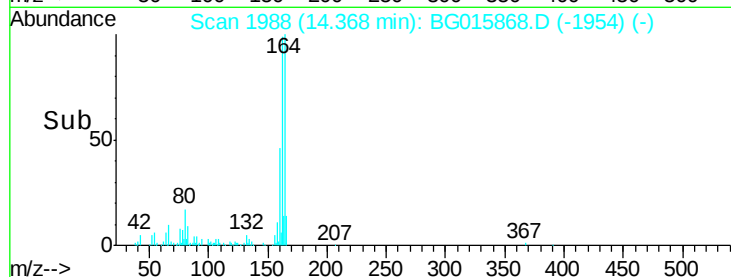
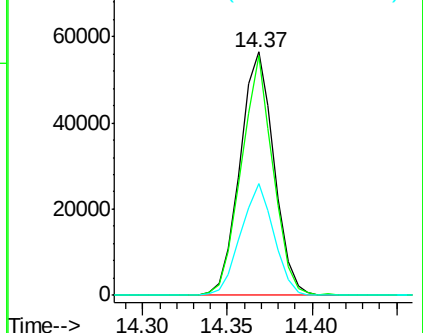
160 45.8 37.4 56.0



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: 31.26 ng

RT: 12.55 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Tgt Ion:216 Resp: 91988

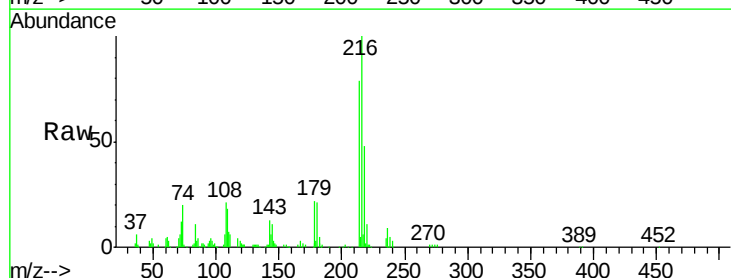
Ion Ratio Lower Upper

216 100

214 78.8 61.5 92.3

179 19.6 15.8 23.8

108 27.2 17.8 26.6#

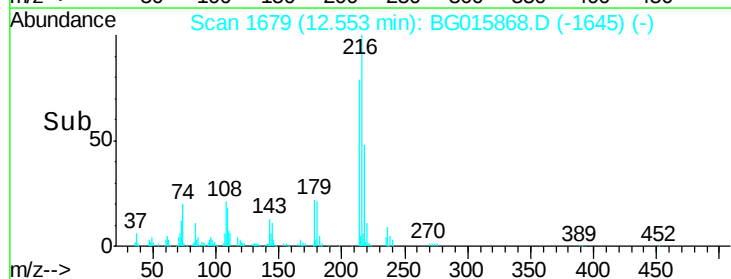
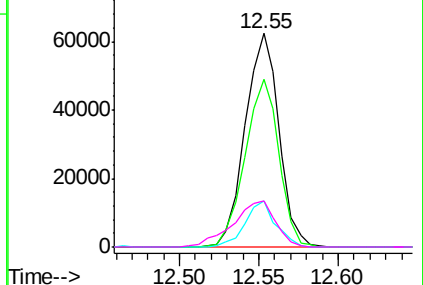


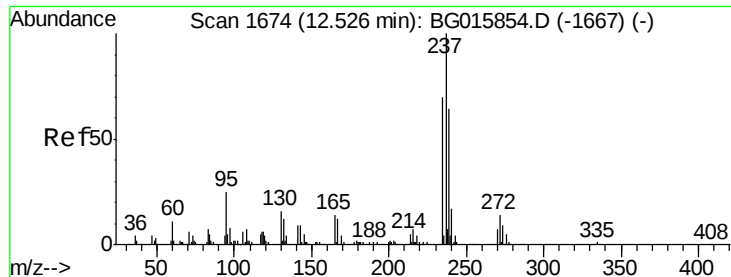
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

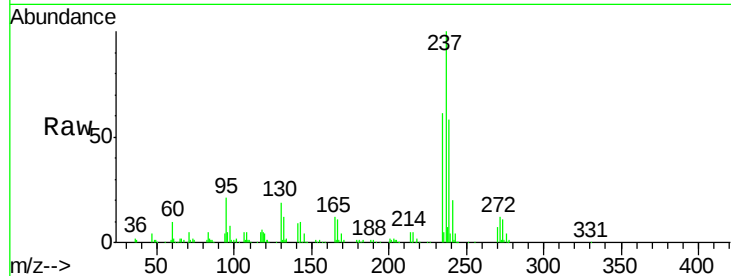




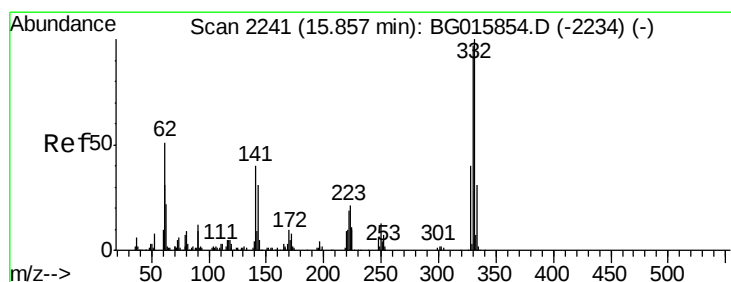
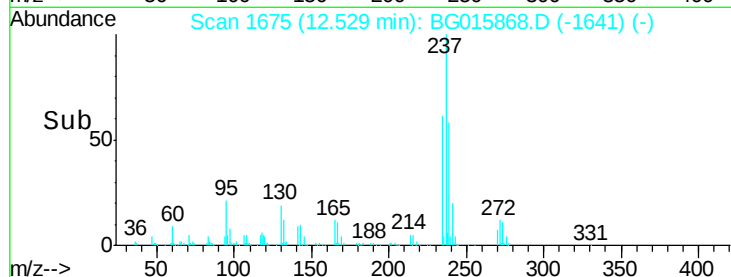
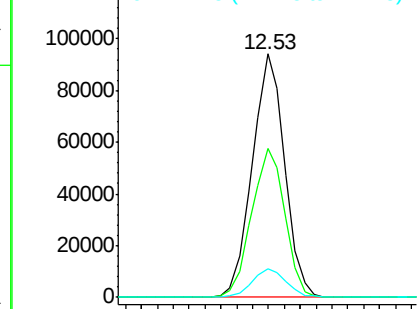
#40
Hexachlorocyclopentadiene
Concen: 58.74 ng
RT: 12.53 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

Tgt Ion: 237 Resp: 133465
Ion Ratio Lower Upper
237 100
235 61.2 43.2 83.2
272 11.6 0.0 31.1

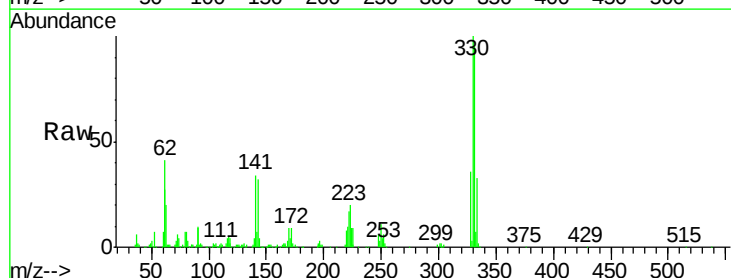


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

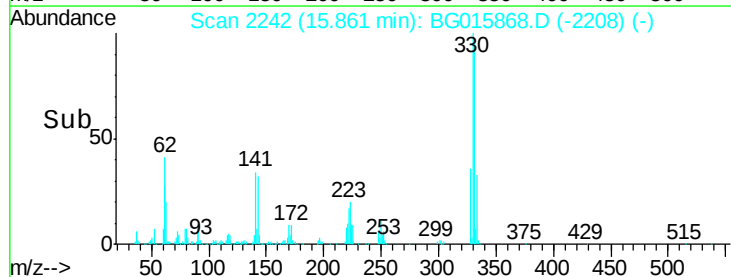
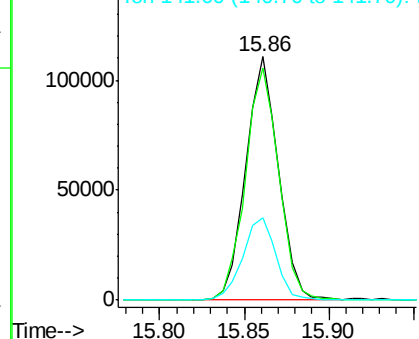


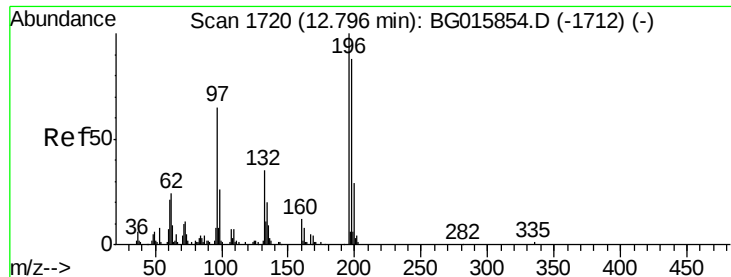
#41
2,4,6-Tribromophenol
Concen: 49.50 ng
RT: 15.86 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion: 330 Resp: 148858
Ion Ratio Lower Upper
330 100
332 97.5 73.8 110.8
141 34.5 27.2 40.8



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

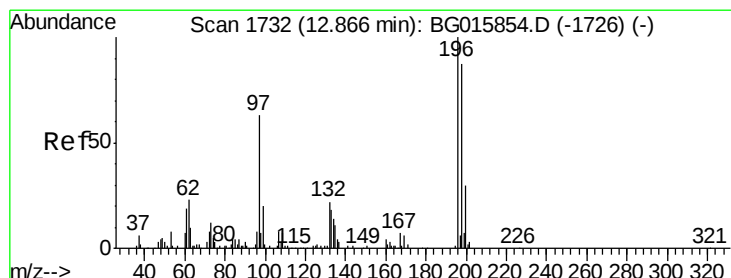
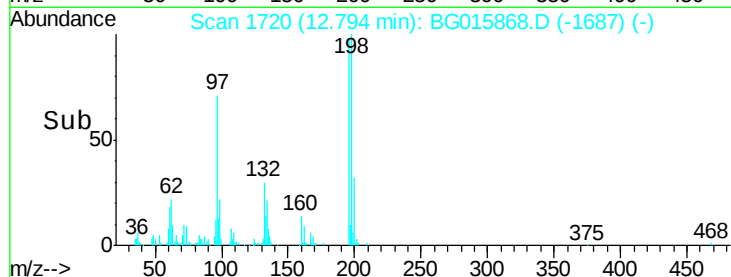
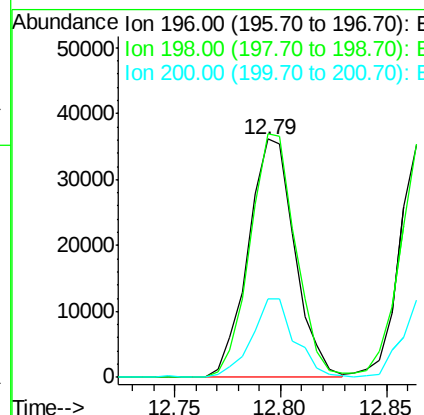
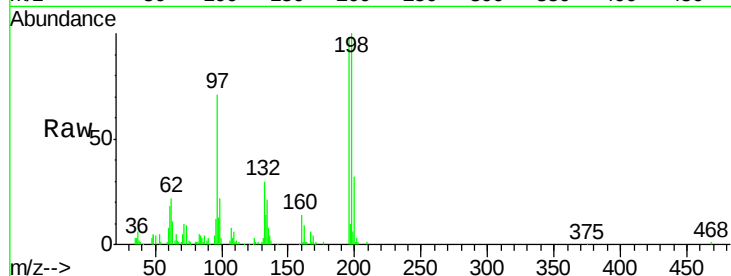




#42
 2,4,6-Trichlorophenol
 Concen: 30.64 ng
 RT: 12.79 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

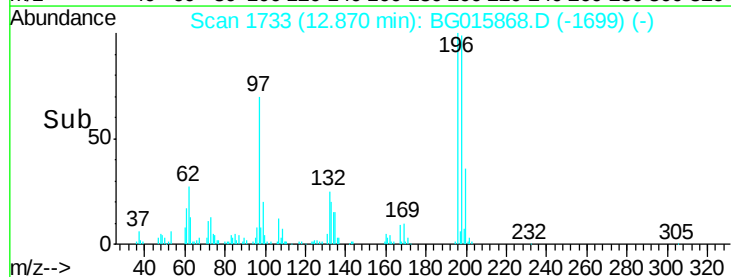
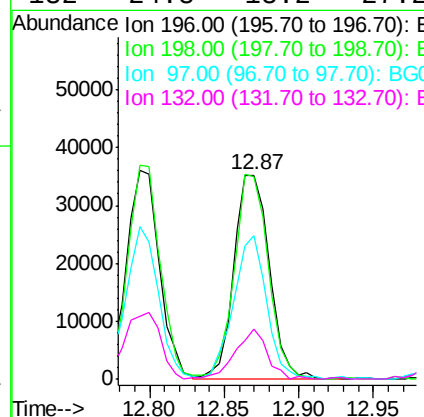
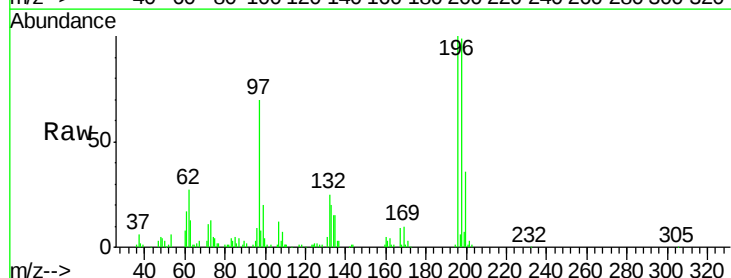
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

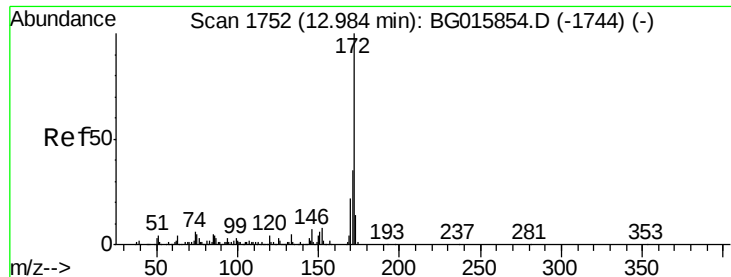
Tgt Ion:196 Resp: 55337
 Ion Ratio Lower Upper
 196 100
 198 102.3 80.2 120.4
 200 32.9 26.7 40.1



#43
 2,4,5-Trichlorophenol
 Concen: 29.70 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion:196 Resp: 58744
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.2 114.4
 97 70.1 49.6 74.4
 132 24.8 18.2 27.2

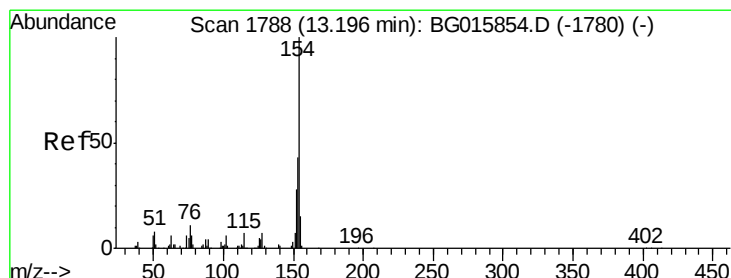
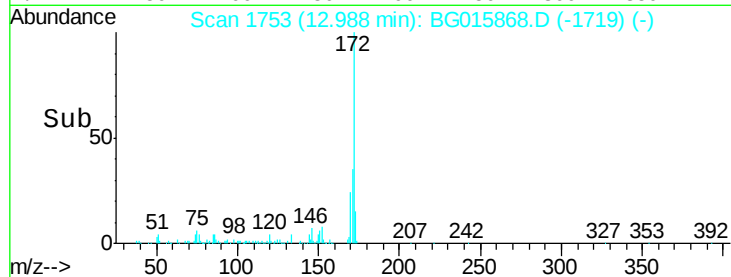
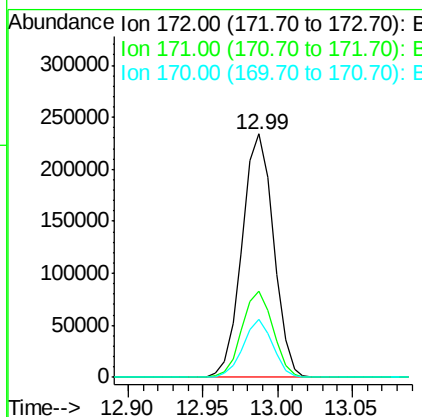
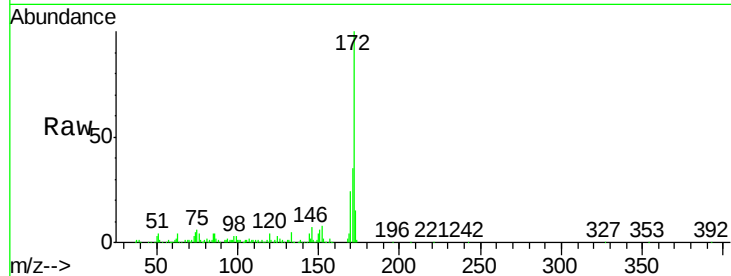




#44
 2-Fluorobiphenyl
 Concen: 30.86 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

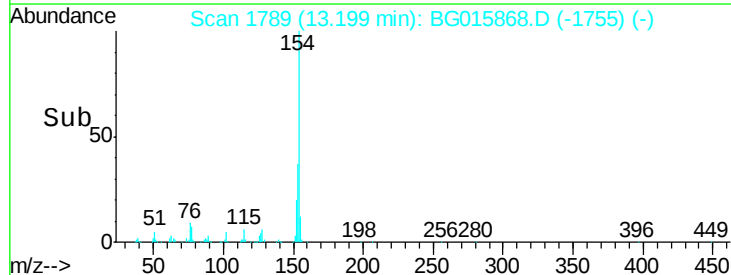
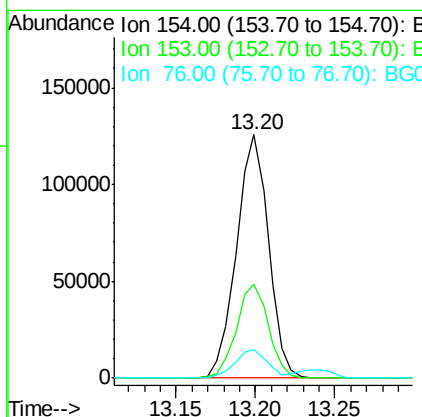
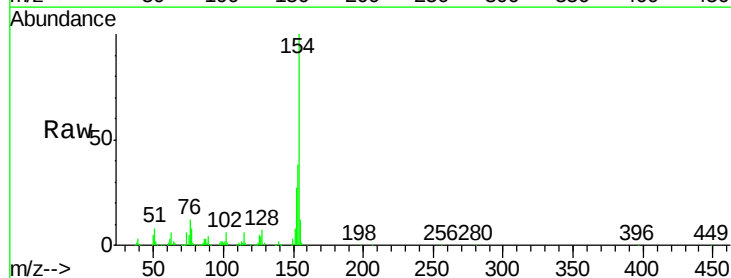
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

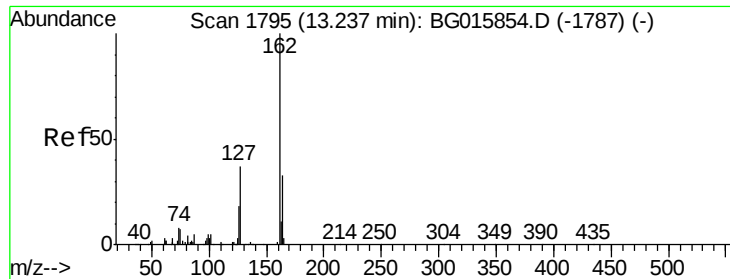
Tgt Ion:172 Resp: 341810
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.8 18.2 27.4



#45
 1,1'-Biphenyl
 Concen: 31.02 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion:154 Resp: 175187
 Ion Ratio Lower Upper
 154 100
 153 38.3 20.9 60.9
 76 11.6 0.0 30.6

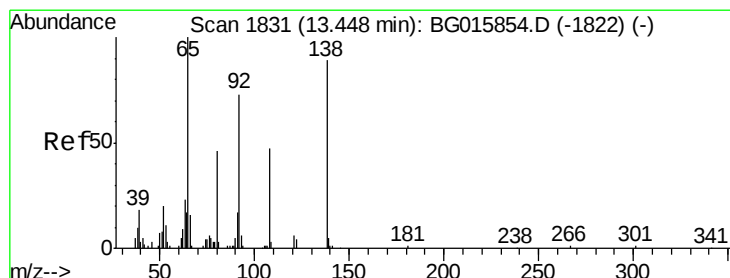
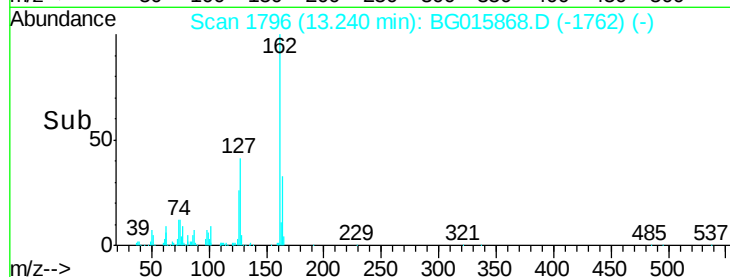
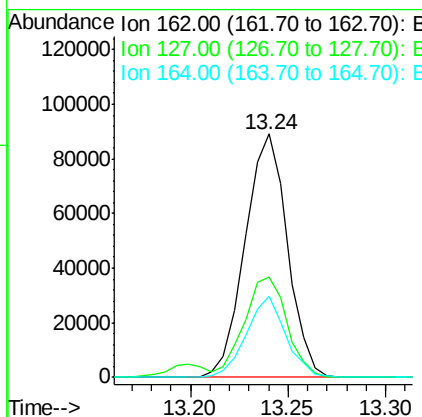
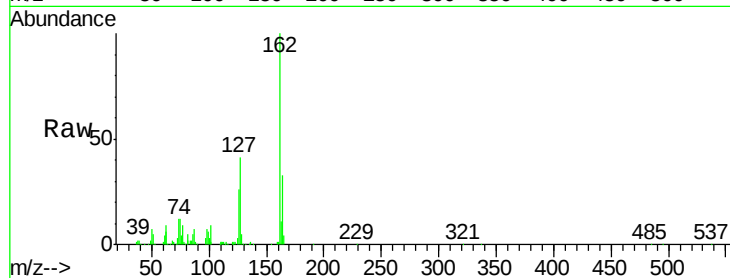




#46
2-Chloronaphthalene
Concen: 29.63 ng
RT: 13.24 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

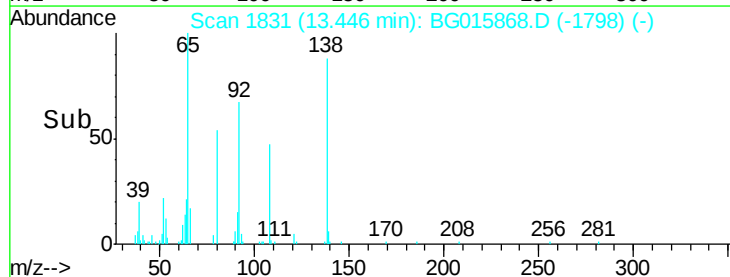
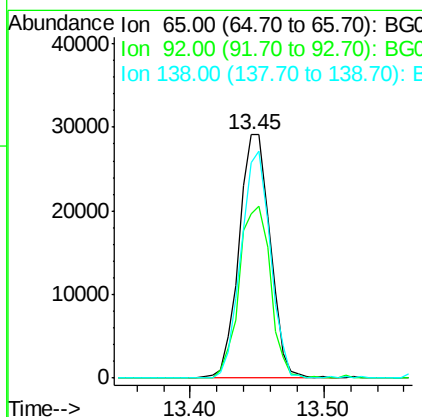
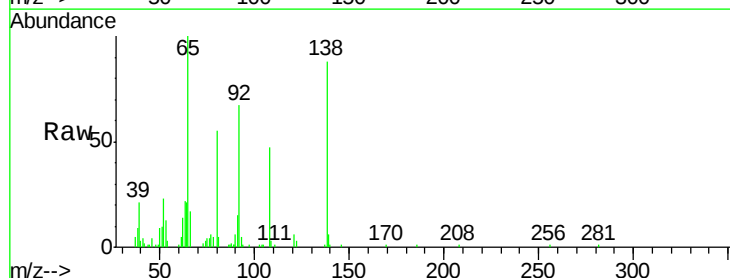
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

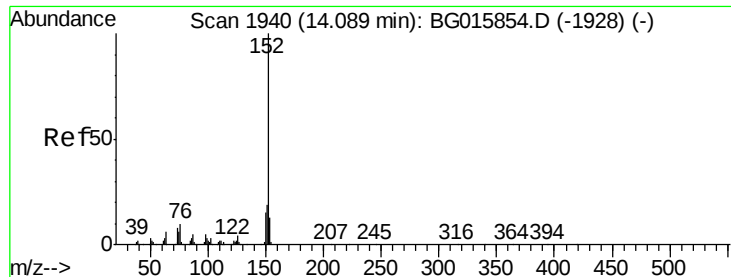
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	35.5	53.3
164	33.2	26.1	39.1



#47
2-Nitroaniline
Concen: 31.93 ng
RT: 13.45 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.6	81.8
138	88.5	68.4	102.6





#48

Acenaphthylene

Concen: 29.01 ng

RT: 14.09 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

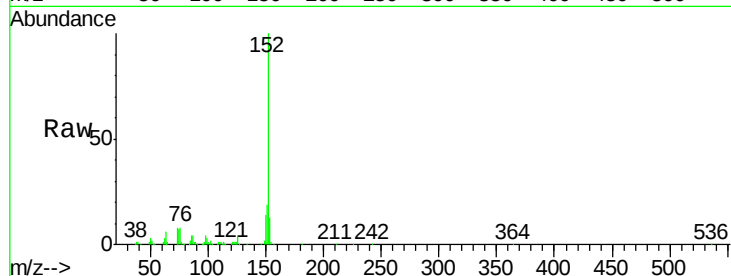
Tgt Ion:152 Resp: 223335

Ion Ratio Lower Upper

152 100

151 18.7 17.1 25.7

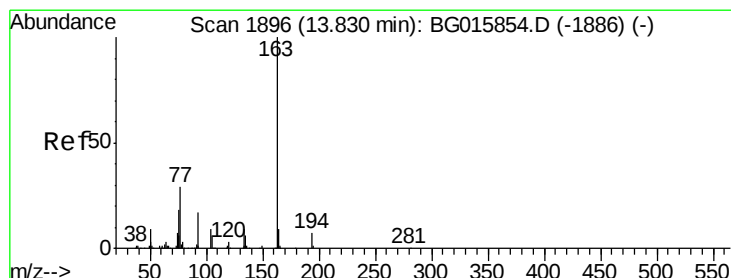
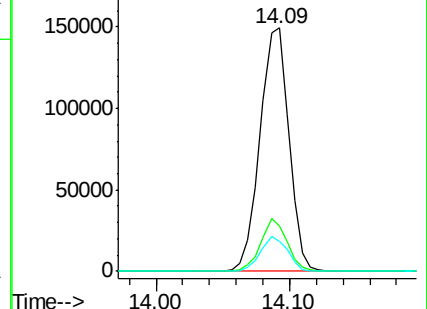
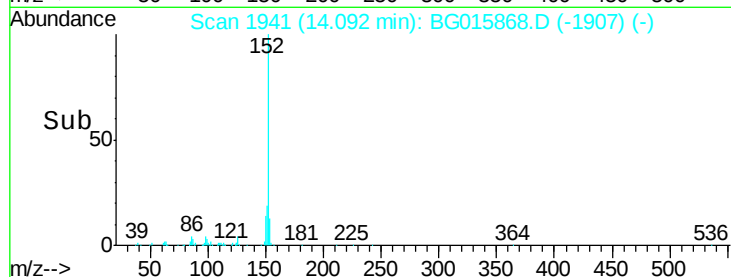
153 12.5 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 34.34 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

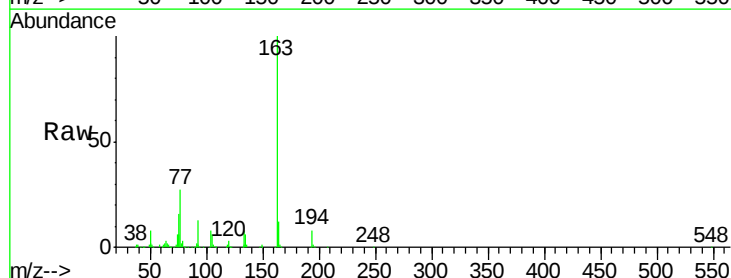
Tgt Ion:163 Resp: 200409

Ion Ratio Lower Upper

163 100

194 7.5 6.7 10.1

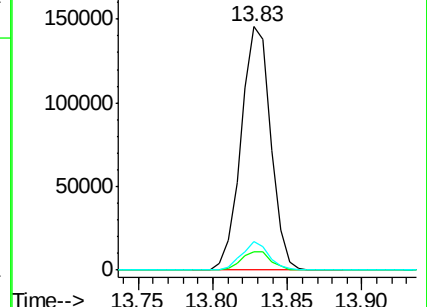
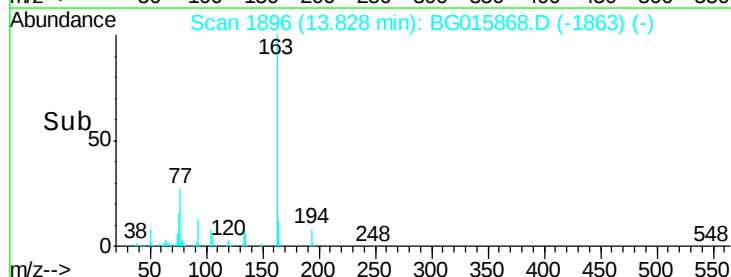
164 11.5 7.4 11.0#

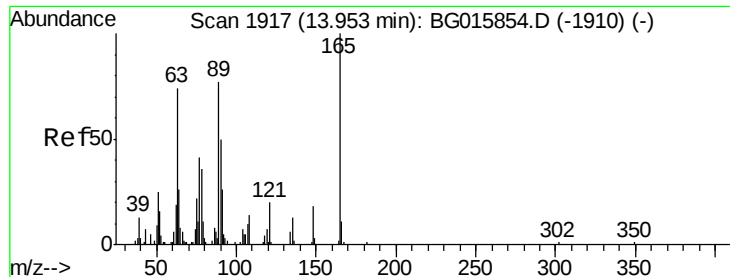


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

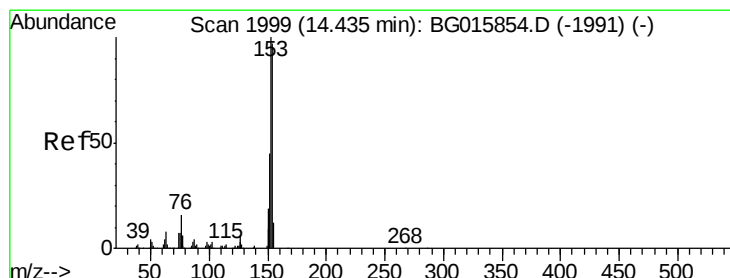
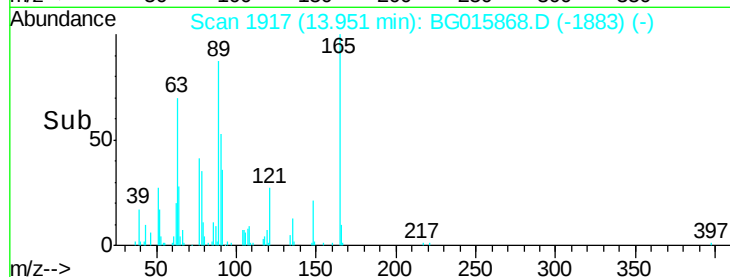
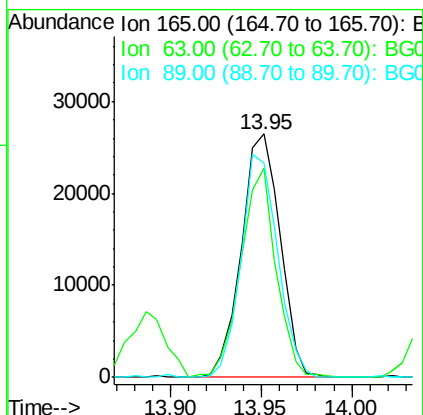
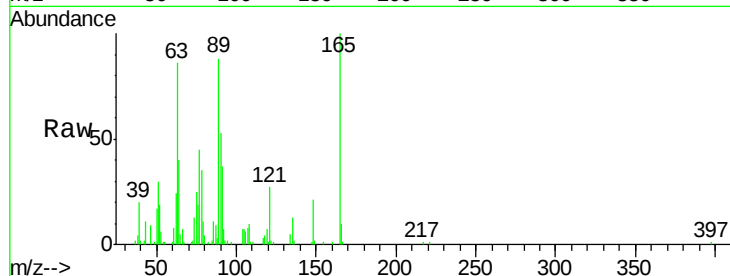




#50
2,6-Dinitrotoluene
Concen: 31.24 ng
RT: 13.95 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

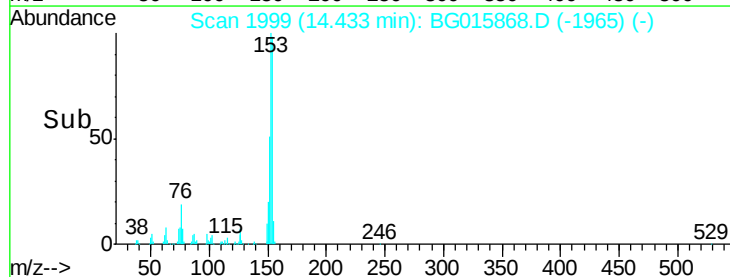
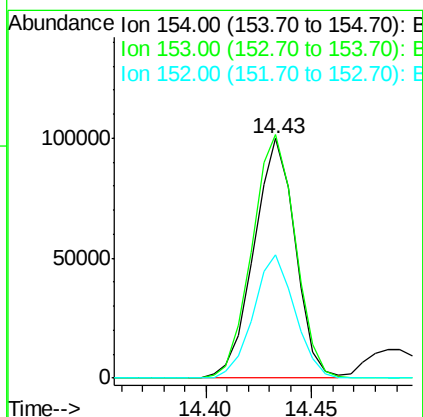
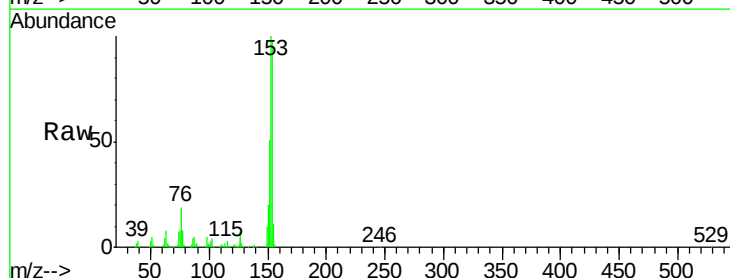
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

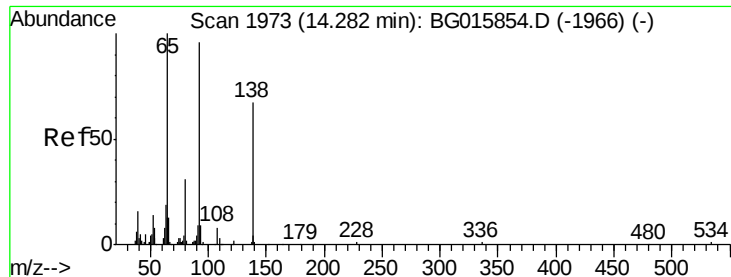
Tgt Ion:165 Resp: 39317
Ion Ratio Lower Upper
165 100
63 85.7 55.9 83.9#
89 87.9 69.4 104.2



#51
Acenaphthene
Concen: 30.08 ng
RT: 14.43 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:154 Resp: 136028
Ion Ratio Lower Upper
154 100
153 101.6 94.1 141.1
152 51.6 42.6 63.8

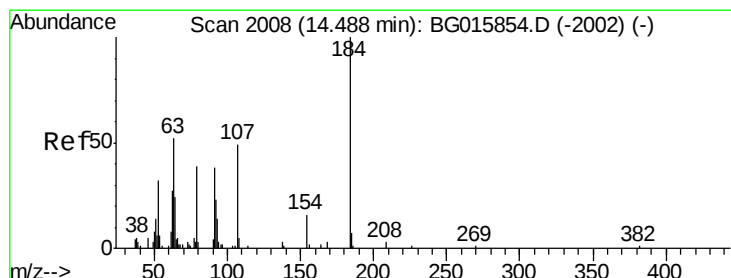
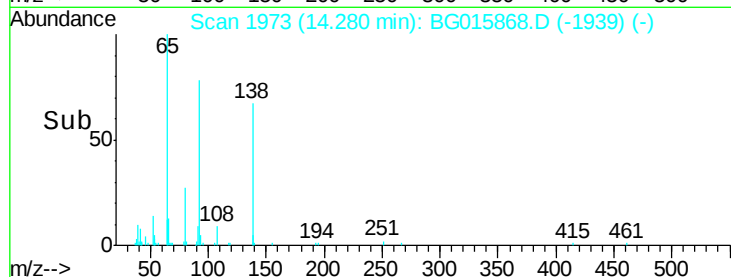
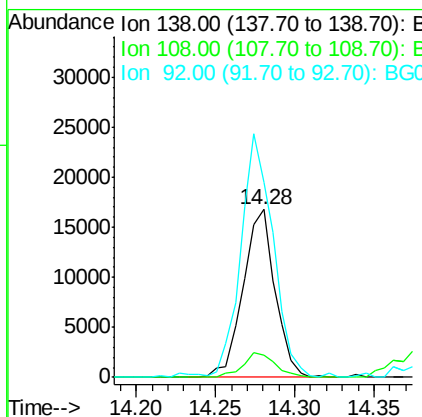
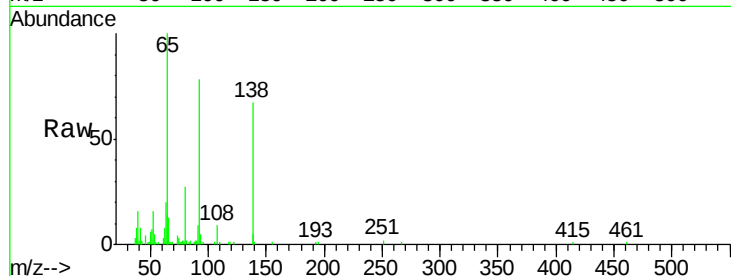




#52
3-Nitroaniline
Concen: 19.61 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

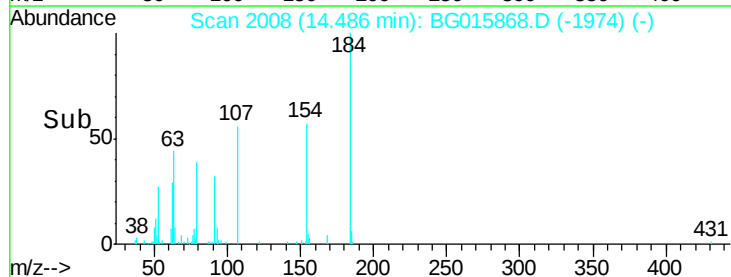
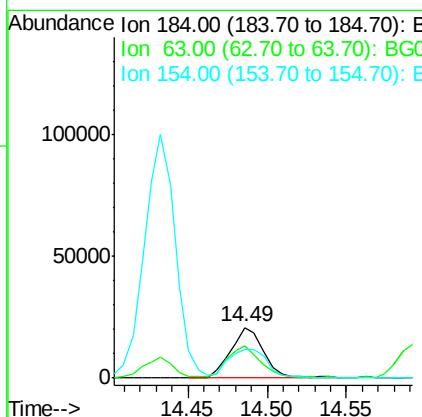
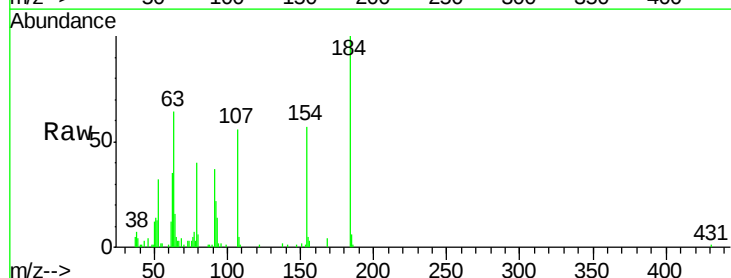
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

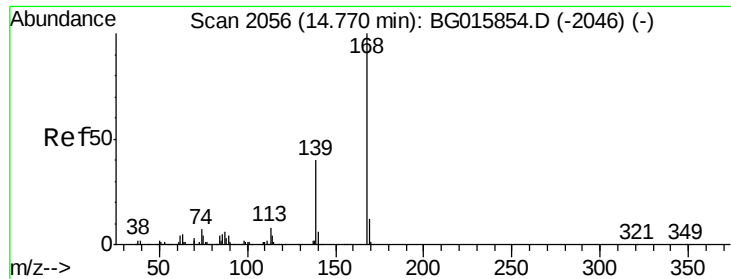
Tgt Ion:138 Resp: 23480
Ion Ratio Lower Upper
138 100
108 13.4 11.9 17.9
92 116.4 103.7 155.5



#53
2,4-Dinitrophenol
Concen: 38.88 ng
RT: 14.49 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:184 Resp: 30086
Ion Ratio Lower Upper
184 100
63 64.1 47.3 70.9
154 56.6 56.9 85.3#





#54

Dibenzenofuran

Concen: 30.41 ng

RT: 14.77 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

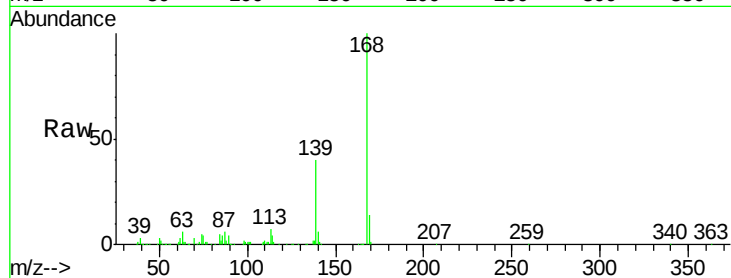
Tgt Ion:168 Resp: 223053

Ion Ratio Lower Upper

168 100

139 39.6 34.3 51.5

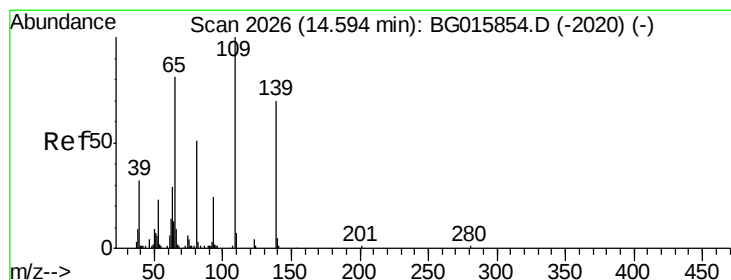
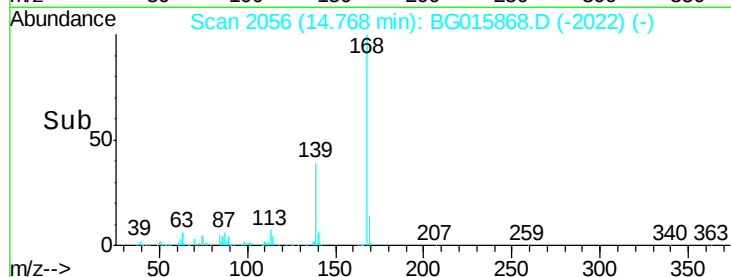
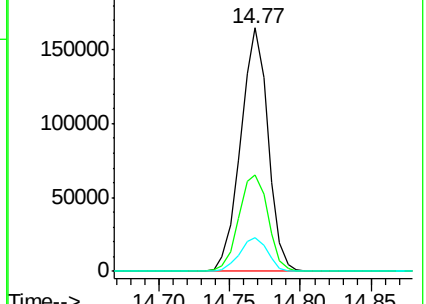
169 14.0 10.9 16.3



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: 59.95 ng

RT: 14.60 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

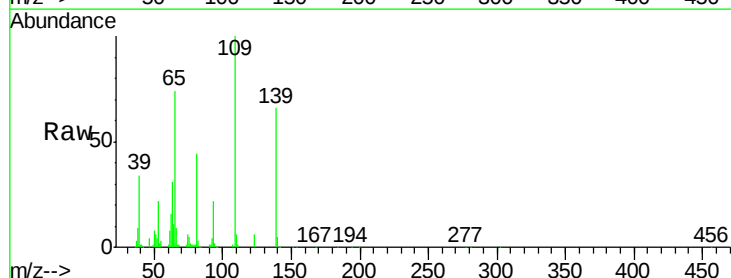
Tgt Ion:139 Resp: 59132

Ion Ratio Lower Upper

139 100

109 152.6 144.0 184.0

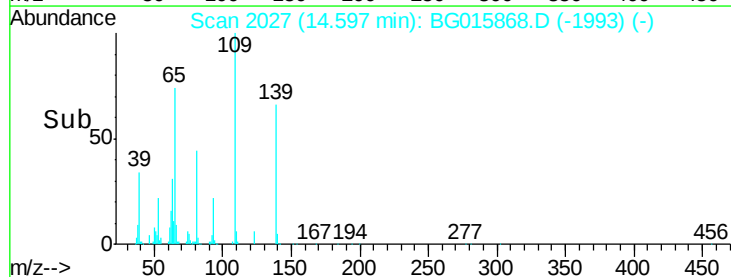
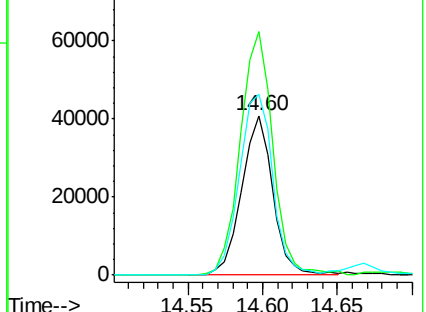
65 113.1 115.4 155.4#

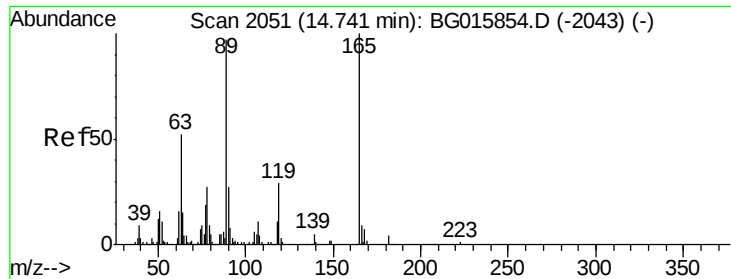


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

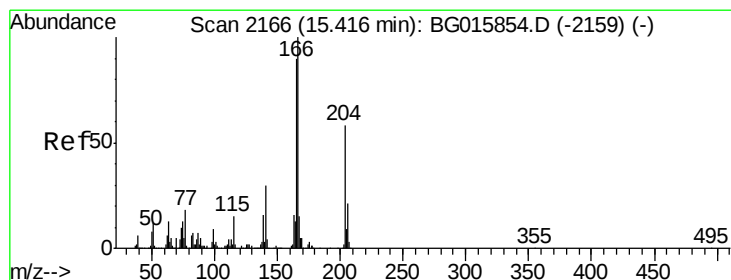
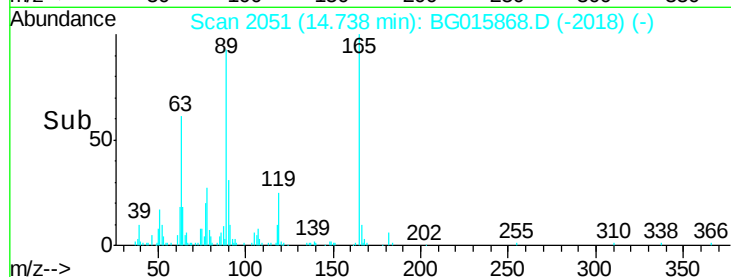
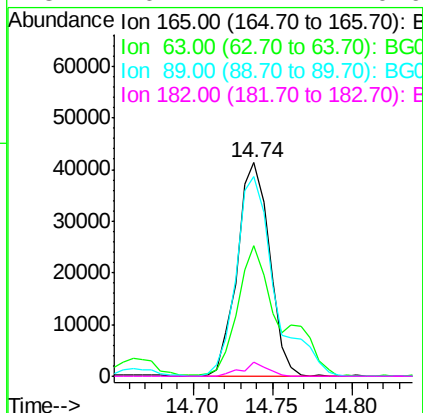
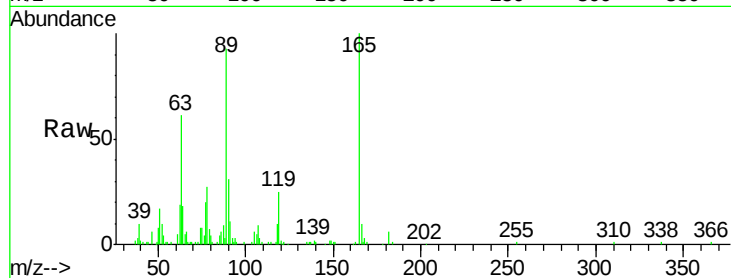




#56
2,4-Dinitrotoluene
Concen: 32.34 ng
RT: 14.74 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

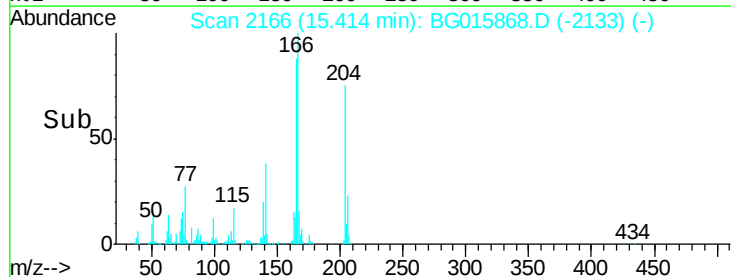
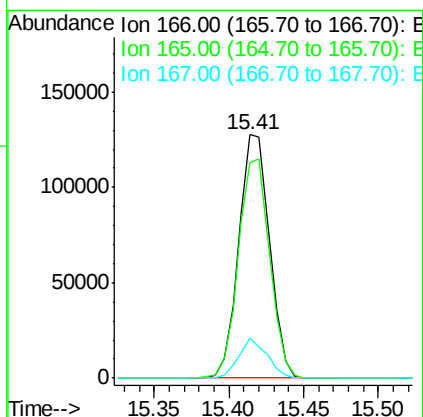
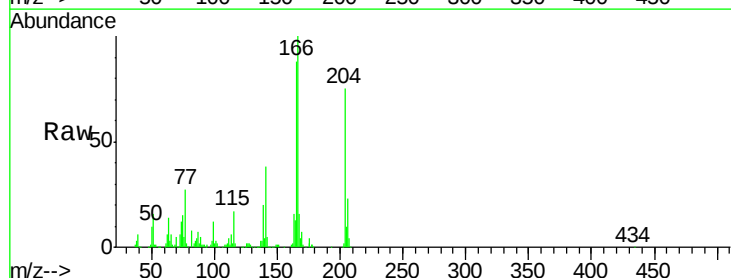
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

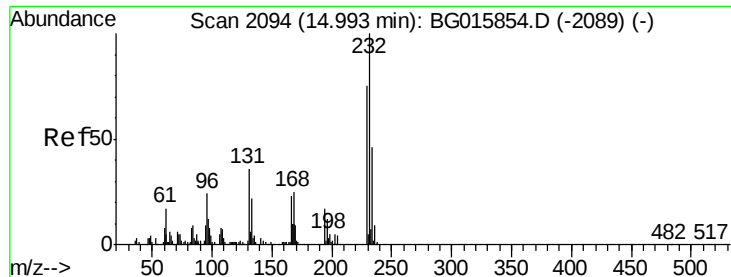
Tgt Ion:165 Resp: 58639
Ion Ratio Lower Upper
165 100
63 61.0 37.9 56.9#
89 93.3 78.9 118.3
182 6.4 4.4 6.6



#57
Fluorene
Concen: 30.48 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:166 Resp: 182222
Ion Ratio Lower Upper
166 100
165 88.4 77.7 116.5
167 16.3 11.2 16.8





#58

2,3,4,6-Tetrachlorophenol

Concen: 30.07 ng

RT: 15.00 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

Tgt Ion:232 Resp: 67098

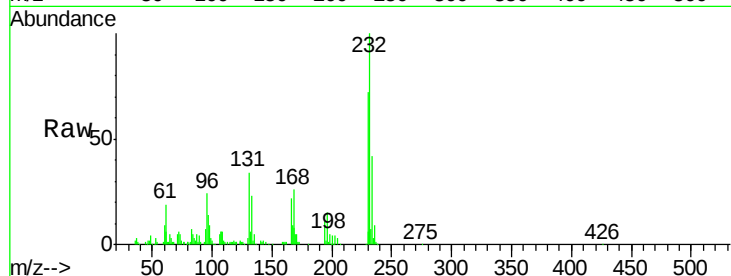
Ion Ratio Lower Upper

232 100

131 38.0 31.3 46.9

130 3.5 2.2 3.4#

166 22.1 19.5 29.3

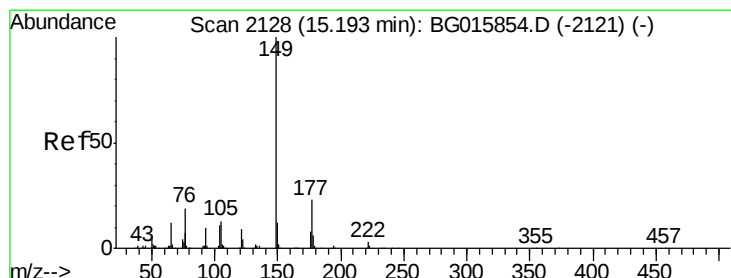
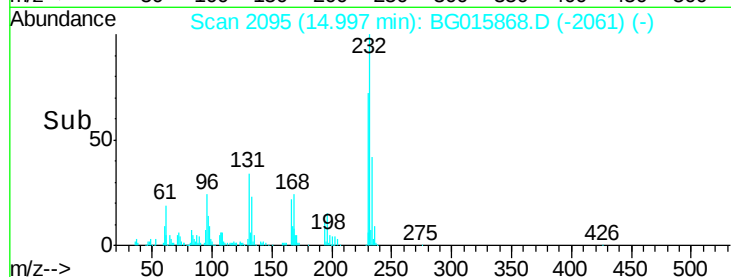
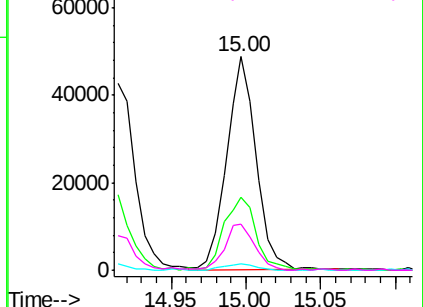


Abundance Ion 232.00 (231.70 to 232.70): E

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: 30.72 ng

RT: 15.20 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

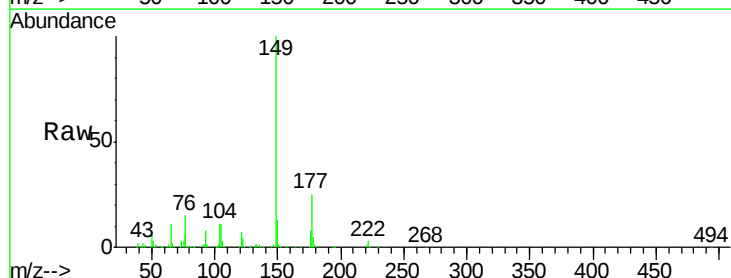
Tgt Ion:149 Resp: 197988

Ion Ratio Lower Upper

149 100

177 25.3 18.2 27.4

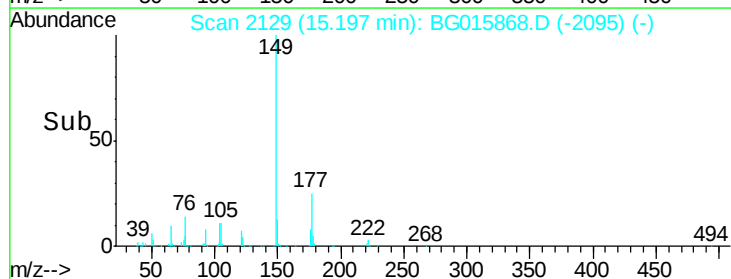
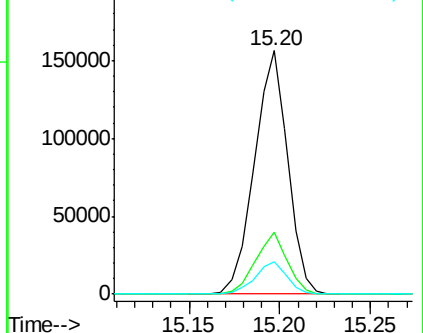
150 13.1 10.0 15.0

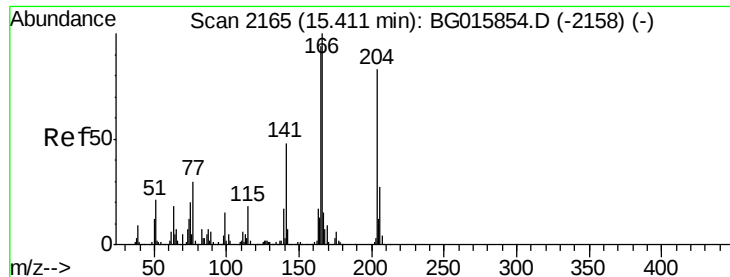


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

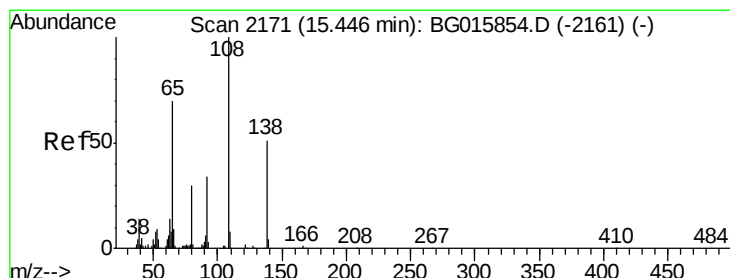
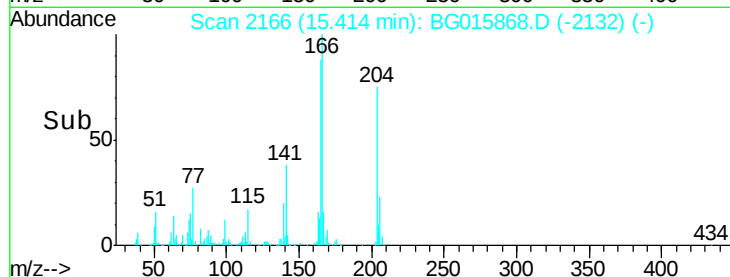
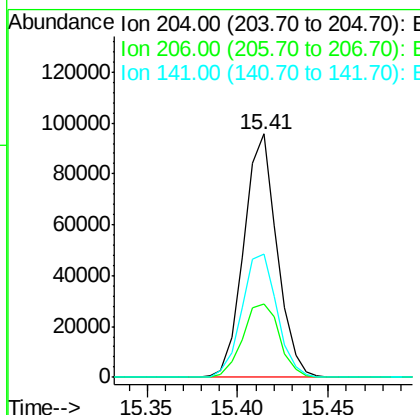
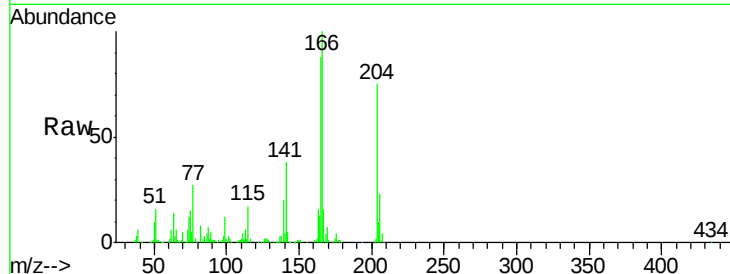




#60
 4-Chlorophenyl-phenylether
 Concen: 31.07 ng
 RT: 15.41 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

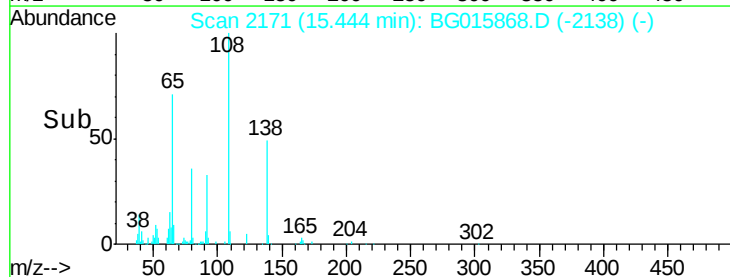
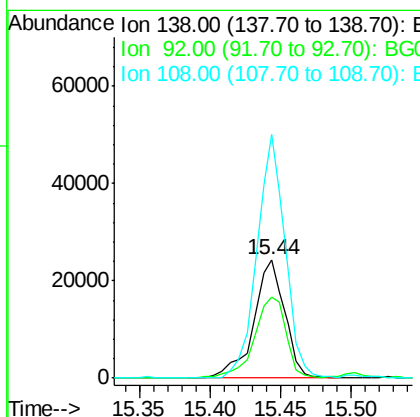
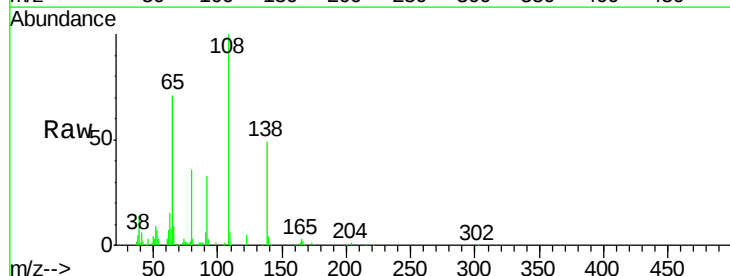
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

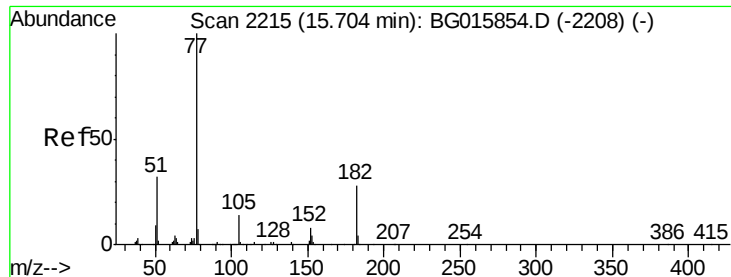
Tgt Ion: 204 Resp: 121301
 Ion Ratio Lower Upper
 204 100
 206 30.4 28.2 42.4
 141 50.8 41.1 61.7



#61
 4-Nitroaniline
 Concen: 26.89 ng
 RT: 15.44 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion: 138 Resp: 37848
 Ion Ratio Lower Upper
 138 100
 92 68.5 42.2 82.2
 108 205.1 147.2 187.2#





#62

Azobenzene

Concen: 31.40 ng

RT: 15.71 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

Tgt Ion: 77 Resp: 218117

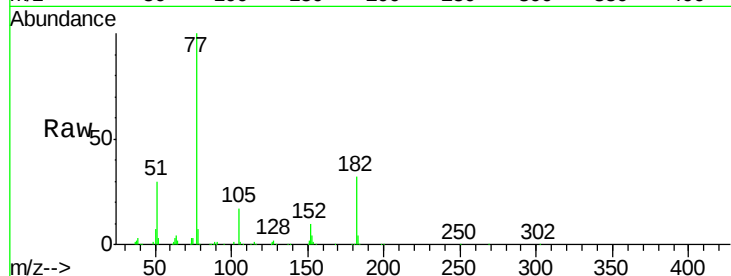
Ion	Ratio	Lower	Upper
77	100		
182	31.8	7.7	47.7
105	16.9	0.0	35.1
51	30.4	10.6	50.6

77 100

182 31.8 7.7 47.7

105 16.9 0.0 35.1

51 30.4 10.6 50.6

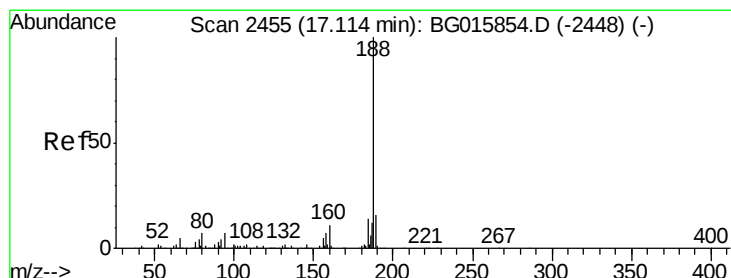
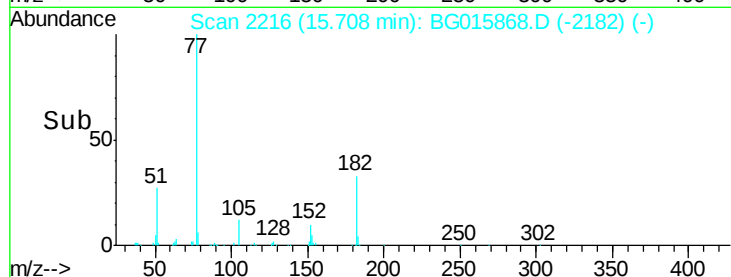
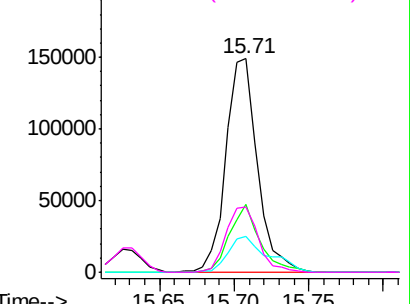


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

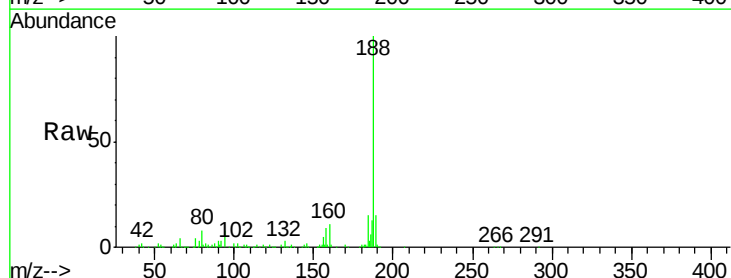
Tgt Ion: 188 Resp: 189248

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.4	8.0#
80	7.6	6.6	9.8

188 100

94 8.2 5.4 8.0#

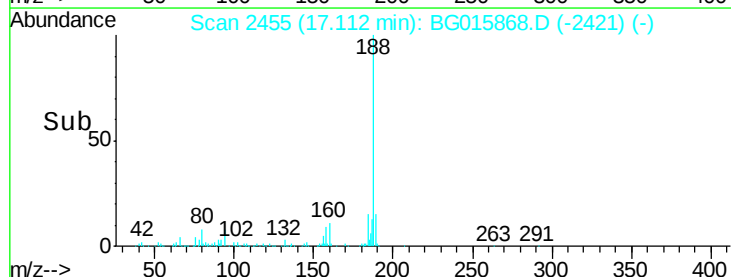
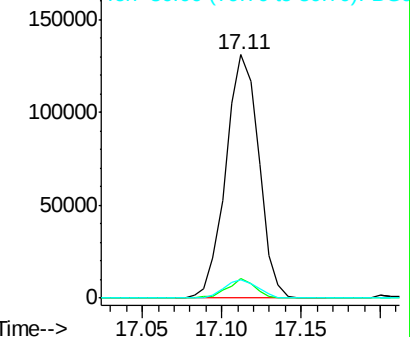
80 7.6 6.6 9.8

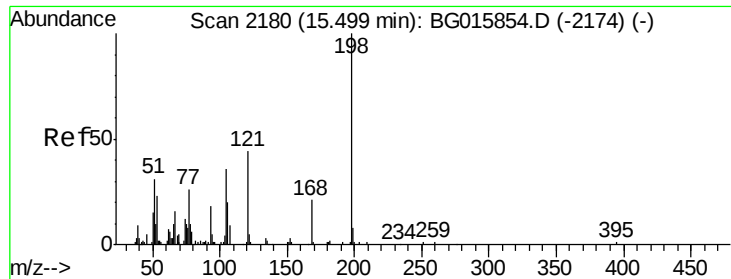


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 29.99 ng

RT: 15.50 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

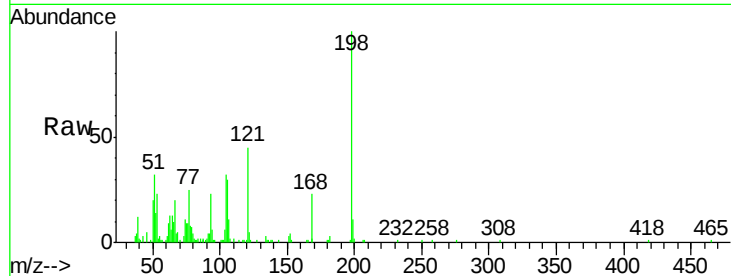
Tgt Ion:198 Resp: 39798

Ion Ratio Lower Upper

198 100

51 31.6 13.6 53.6

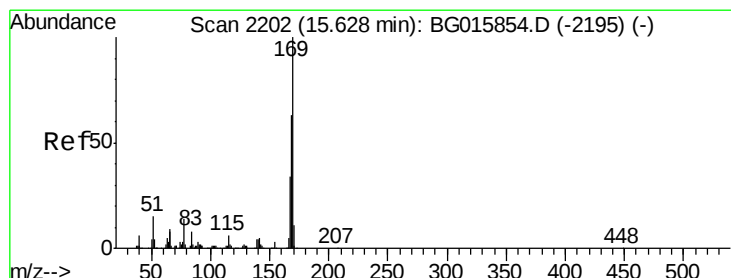
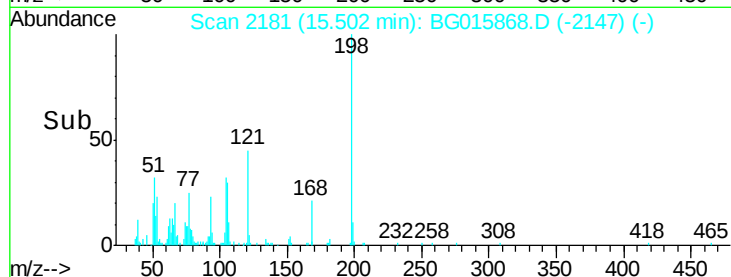
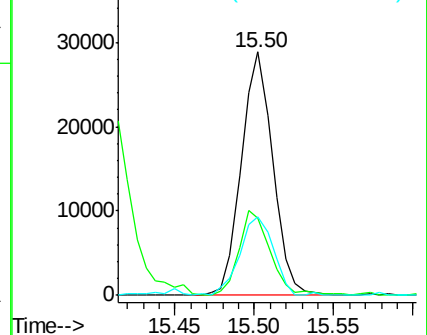
105 32.0 17.9 57.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG015868.D

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 30.86 ng

RT: 15.63 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

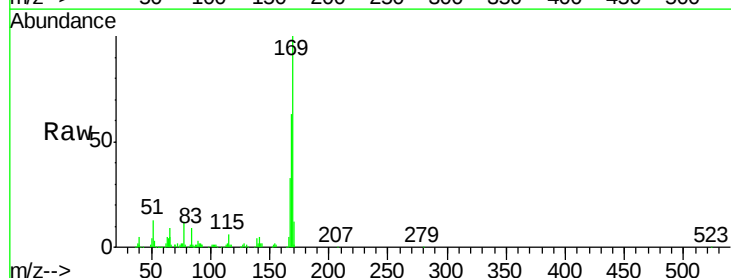
Tgt Ion:169 Resp: 167936

Ion Ratio Lower Upper

169 100

168 63.5 52.7 79.1

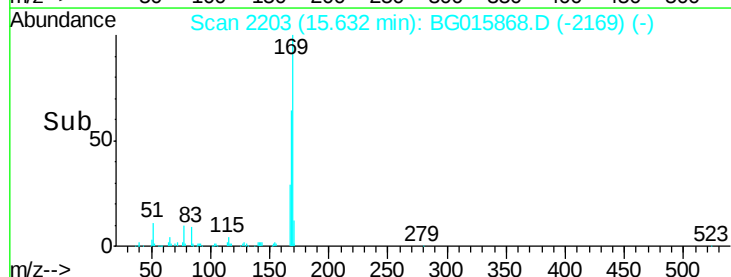
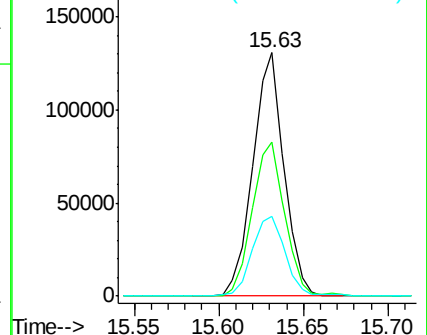
167 32.9 29.3 43.9

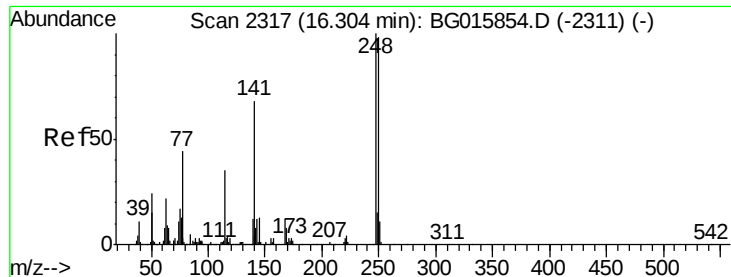


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

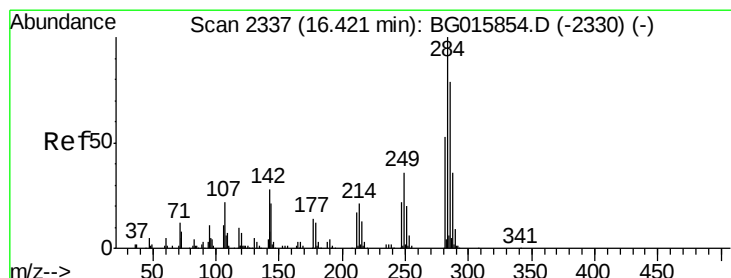
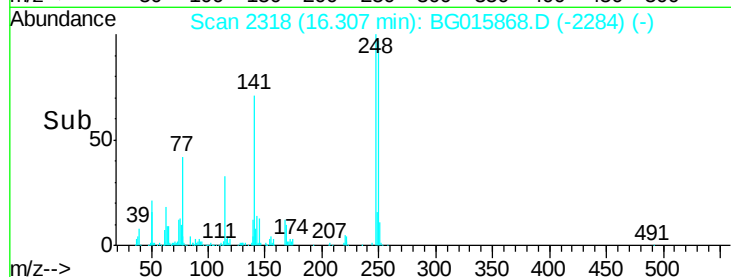
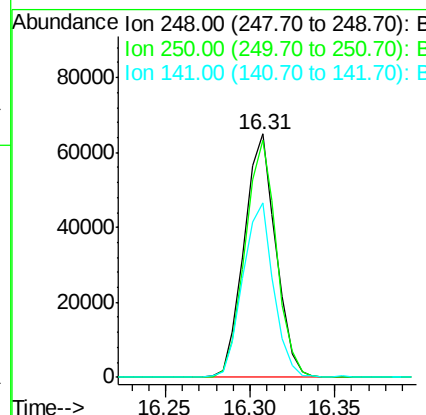
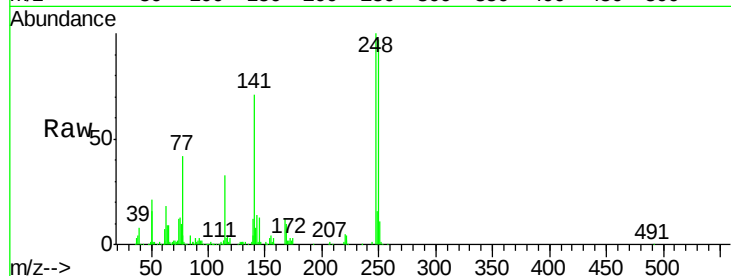




#66
4-Bromophenyl-phenylether
Concen: 32.74 ng
RT: 16.31 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

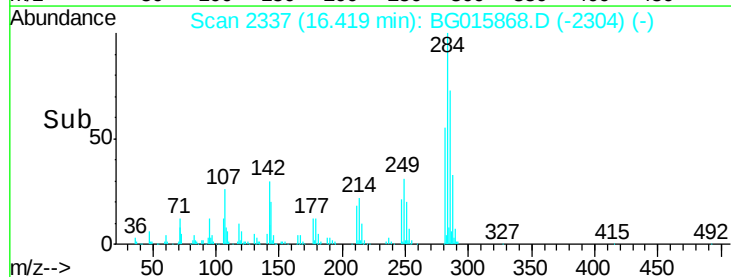
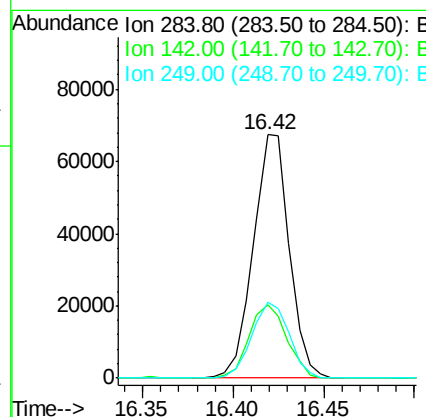
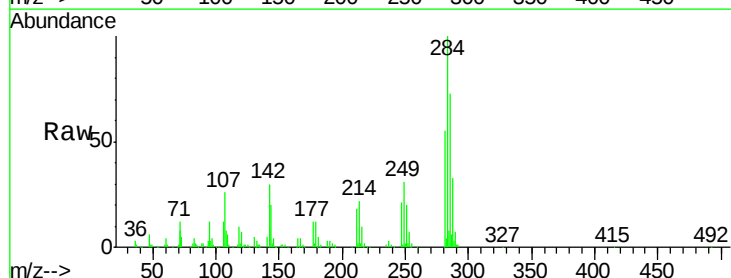
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

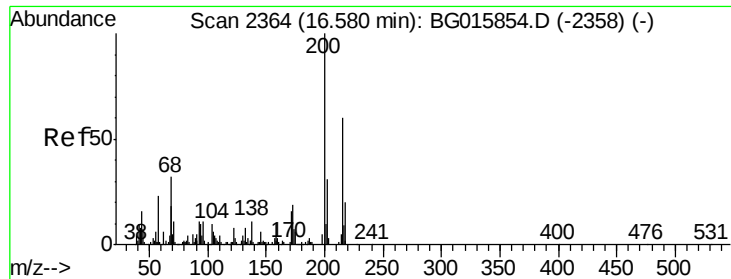
Tgt Ion:248 Resp: 84976
Ion Ratio Lower Upper
248 100
250 97.3 83.5 125.3
141 71.5 58.1 87.1



#67
Hexachlorobenzene
Concen: 31.58 ng
RT: 16.42 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:284 Resp: 92814
Ion Ratio Lower Upper
284 100
142 30.1 26.1 39.1
249 33.1 26.0 39.0





#68

Atrazine

Concen: 31.68 ng

RT: 16.58 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

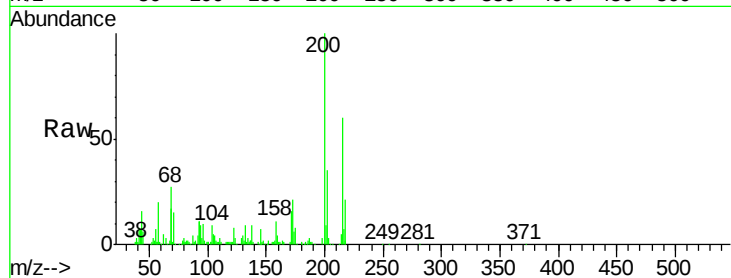
Tgt Ion:200 Resp: 77025

Ion Ratio Lower Upper

200 100

173 20.8 1.1 41.1

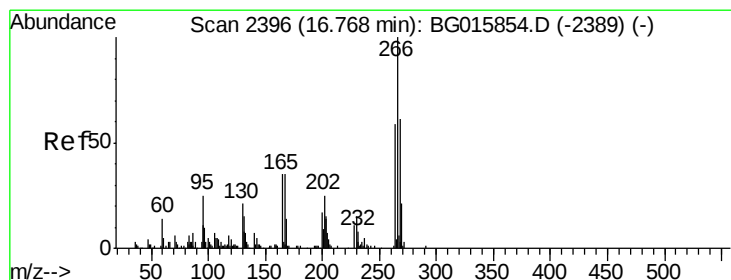
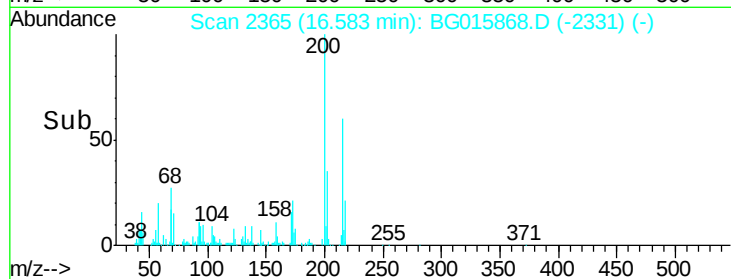
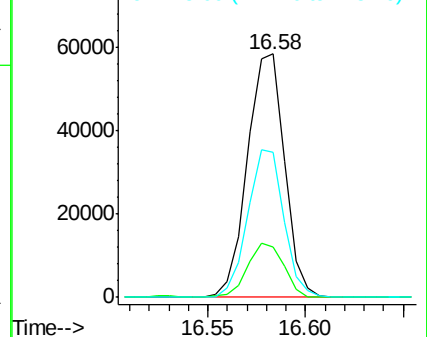
215 59.6 35.6 75.6



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: 51.78 ng

RT: 16.77 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

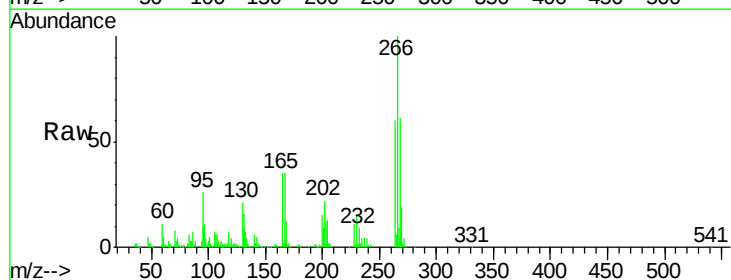
Tgt Ion:266 Resp: 96378

Ion Ratio Lower Upper

266 100

268 61.2 50.2 75.2

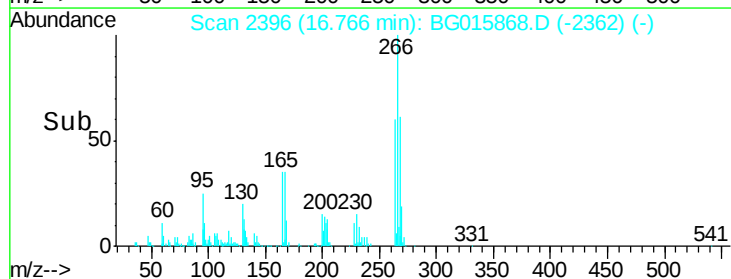
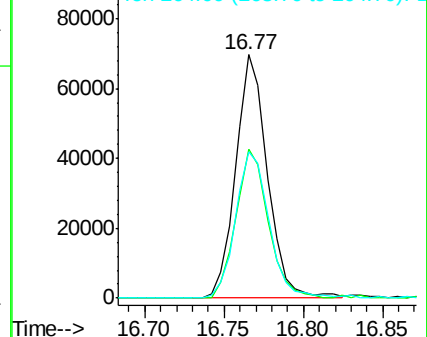
264 65.9 48.2 72.2

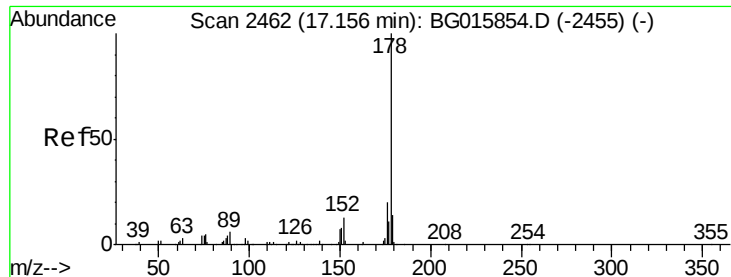


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 31.38 ng

RT: 17.15 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

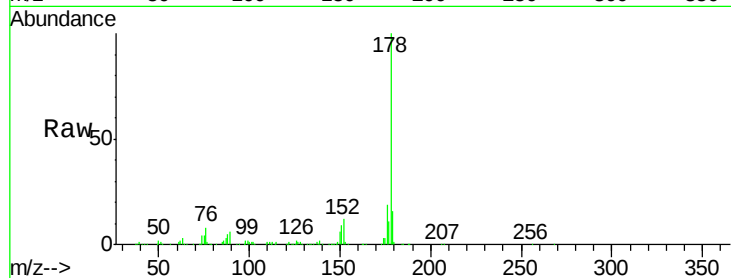
Tgt Ion:178 Resp: 316090

Ion Ratio Lower Upper

178 100

176 19.3 14.5 21.7

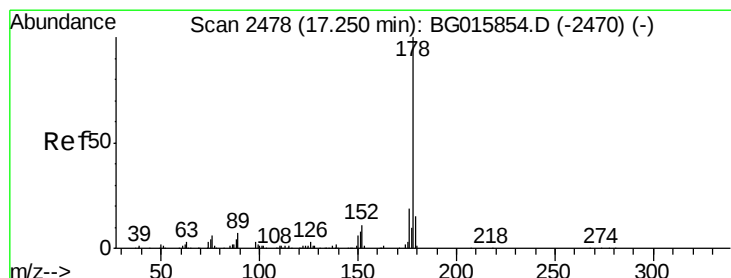
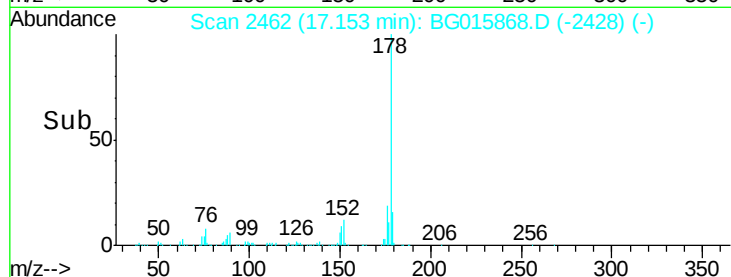
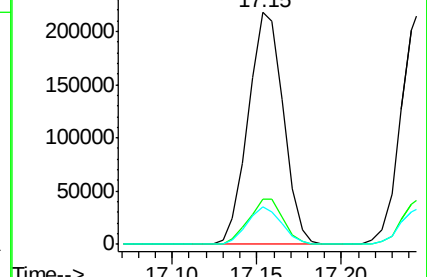
179 16.3 12.6 19.0



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: 31.04 ng

RT: 17.25 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

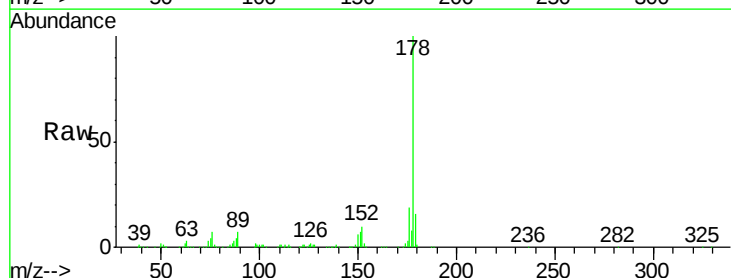
Tgt Ion:178 Resp: 310521

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

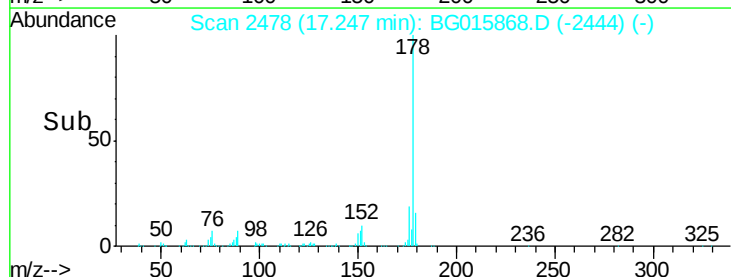
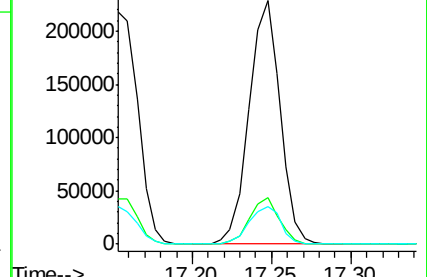
179 15.6 12.6 18.8

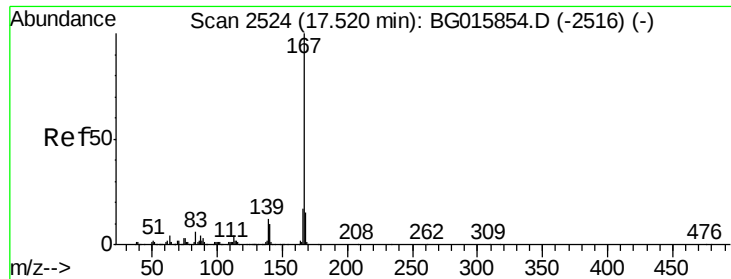


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 30.18 ng

RT: 17.52 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

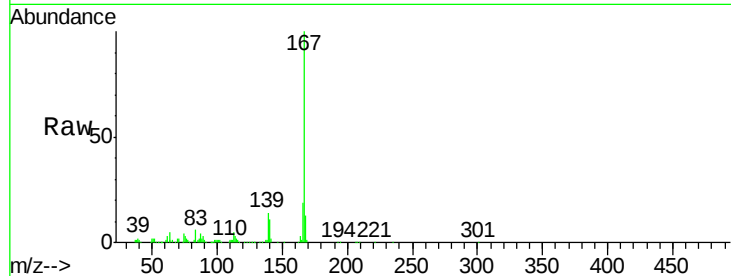
Tgt Ion:167 Resp: 289601

Ion Ratio Lower Upper

167 100

166 18.9 15.0 22.4

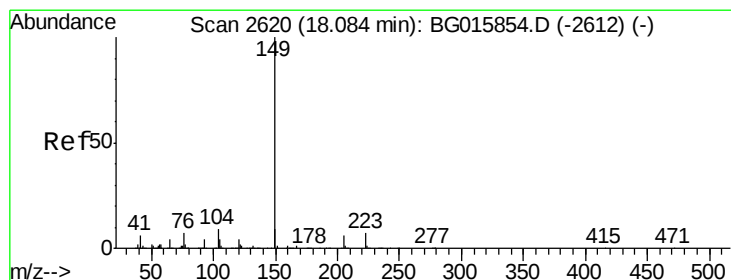
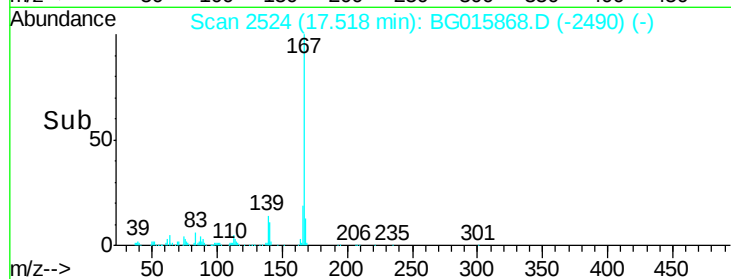
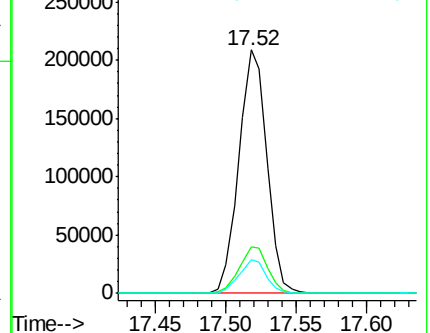
139 14.1 11.0 16.4



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



#73

Di-n-butylphthalate

Concen: 31.05 ng

RT: 18.08 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

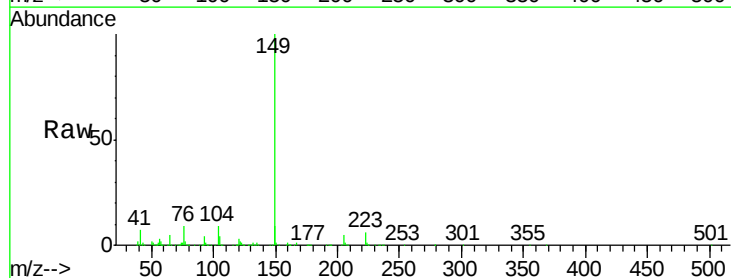
Tgt Ion:149 Resp: 350871

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

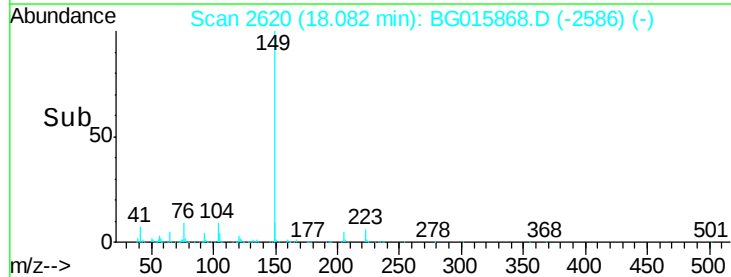
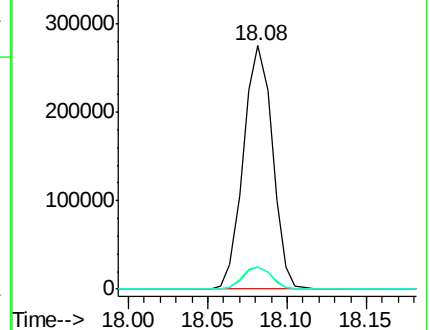
104 9.4 6.8 10.2

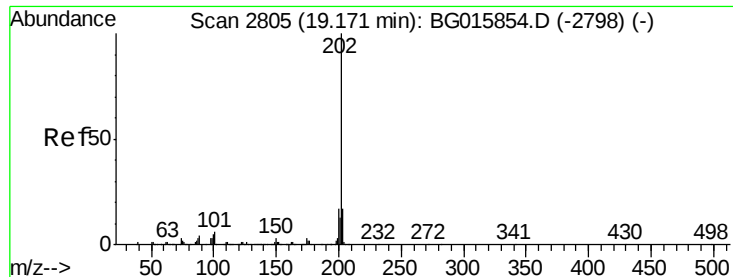


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

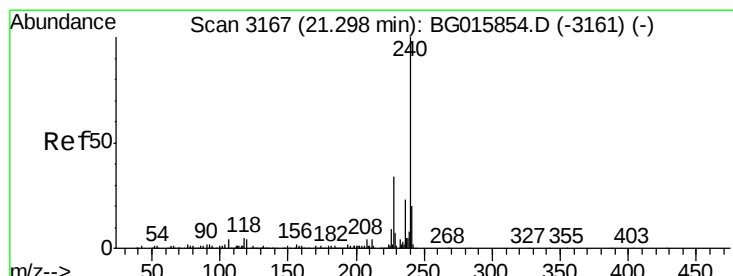
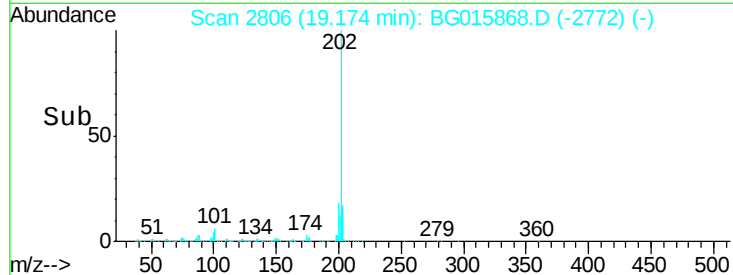
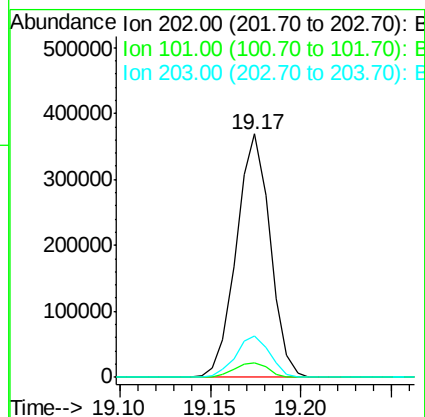
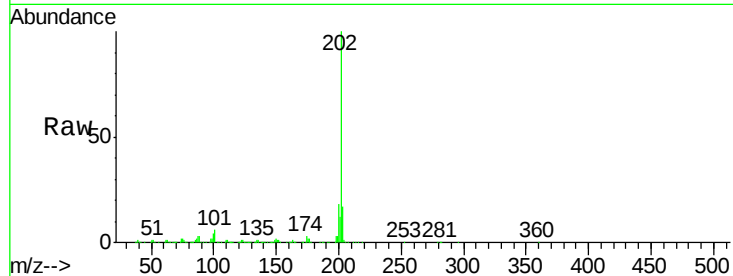




#74
 Fluoranthene
 Concen: 31.36 ng
 RT: 19.17 min Scan# 2806
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

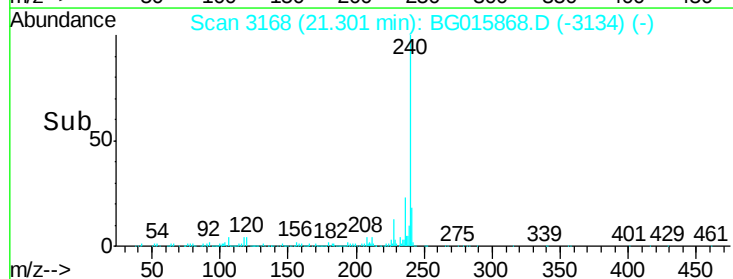
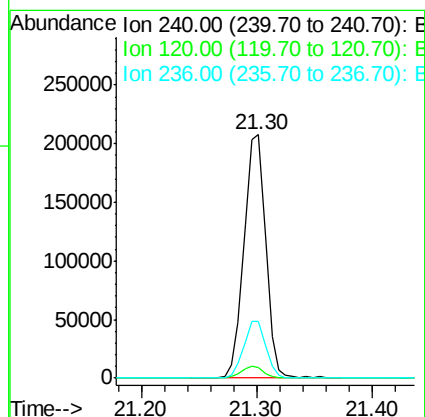
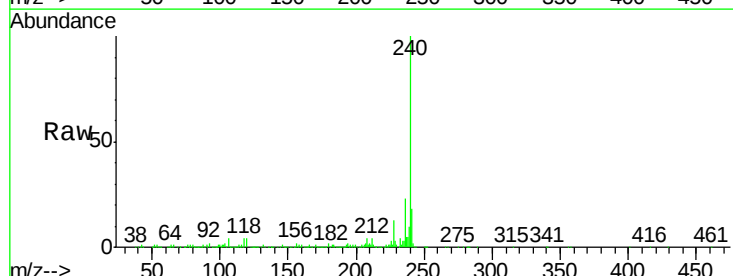
Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)MSD

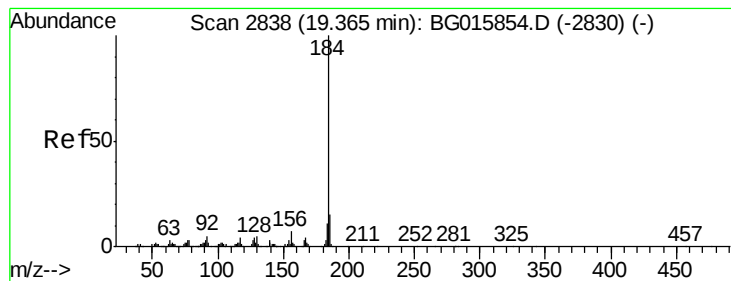
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	26.1
203	16.7	0.0	38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.30 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG015868.D
 Acq: 9 Jan 2015 13:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.4	5.2
236	23.3	19.0	28.6





#76

Benzidine

Concen: 20.90 ng

RT: 19.36 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

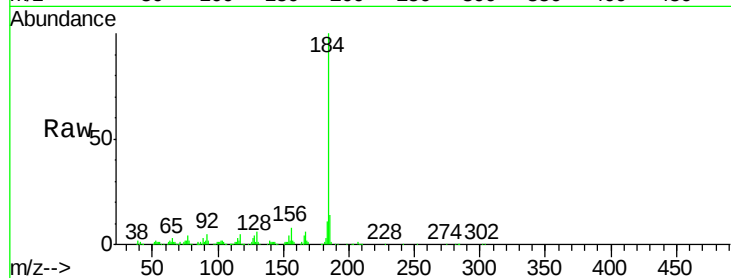
Tgt Ion:184 Resp: 131689

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

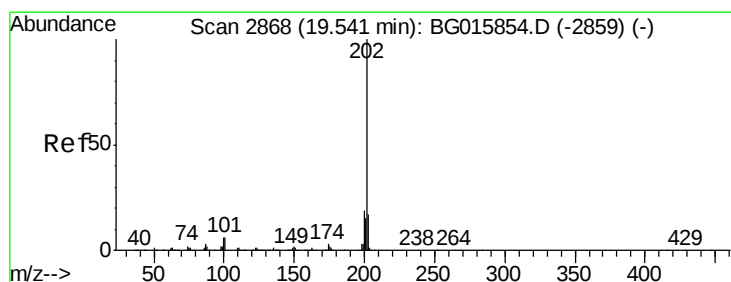
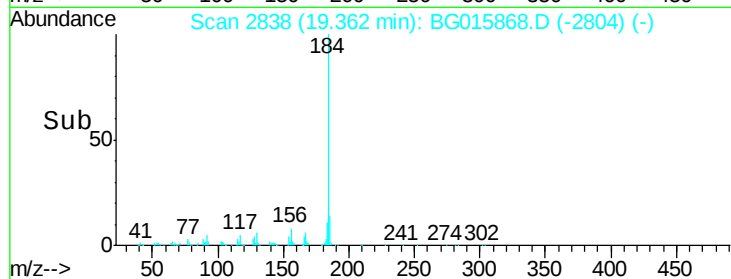
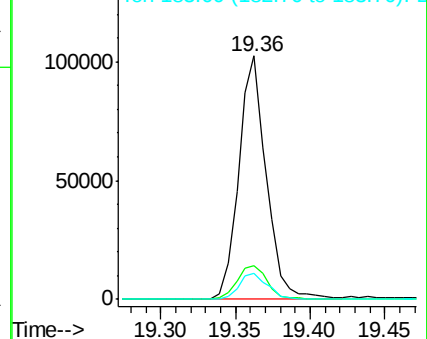
183 10.8 8.4 12.6



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: 33.42 ng

RT: 19.54 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

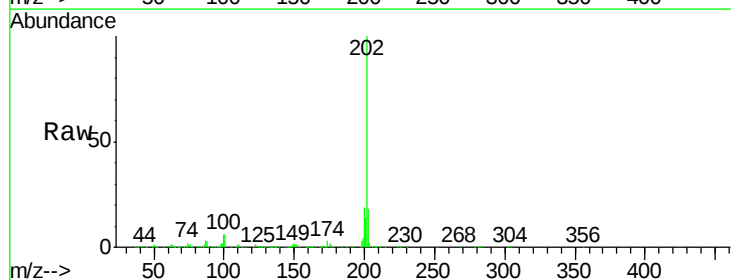
Tgt Ion:202 Resp: 486146

Ion Ratio Lower Upper

202 100

200 18.9 15.1 22.7

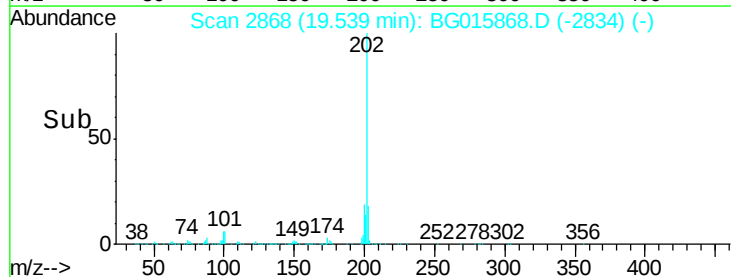
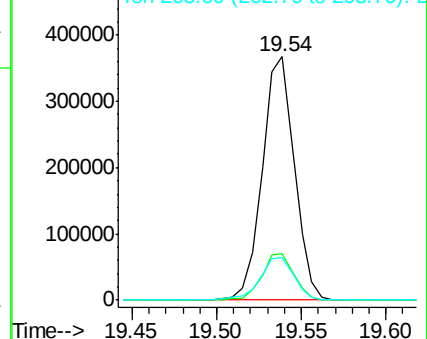
203 17.6 14.2 21.4

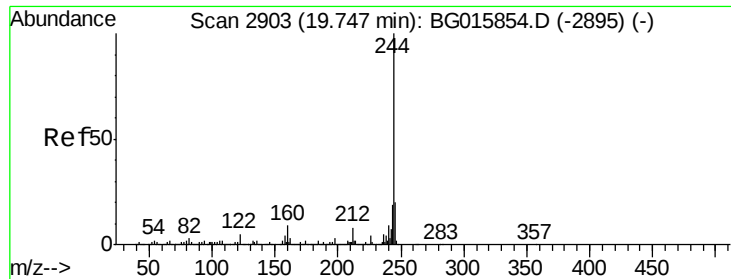


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 30.15 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

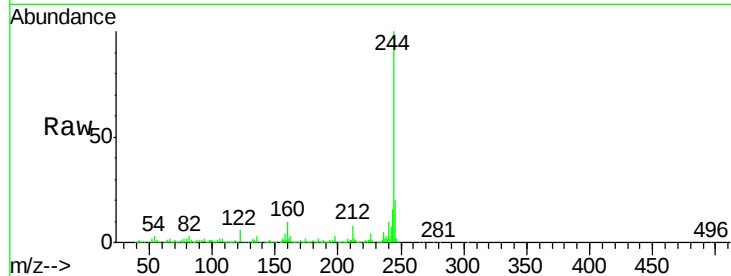
Tgt Ion:244 Resp: 734252

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

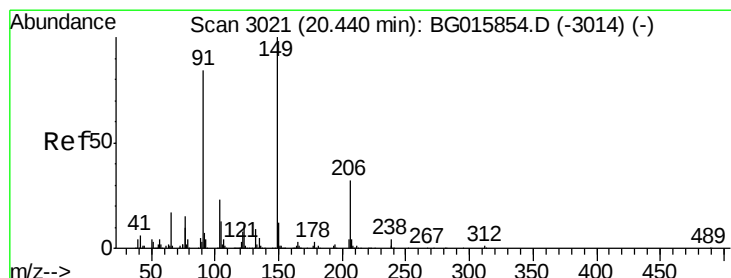
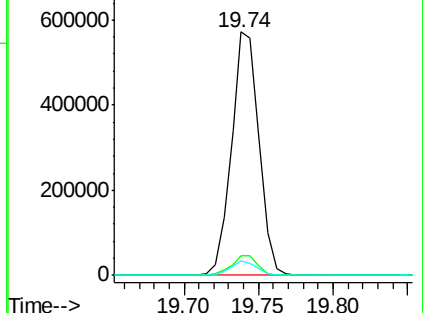
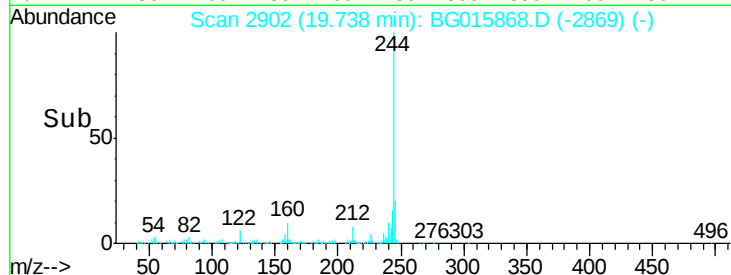
122 6.1 4.7 7.1



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: 32.21 ng

RT: 20.44 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

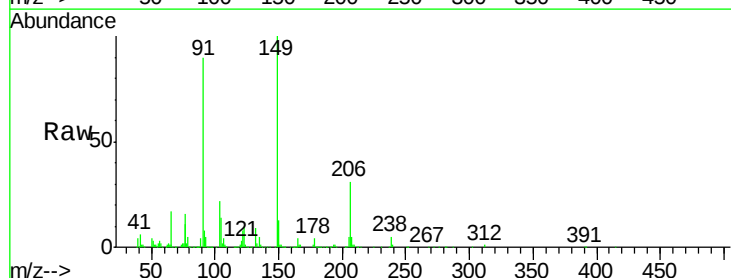
Tgt Ion:149 Resp: 175608

Ion Ratio Lower Upper

149 100

91 90.0 68.4 102.6

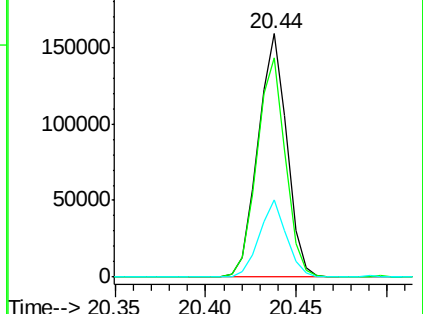
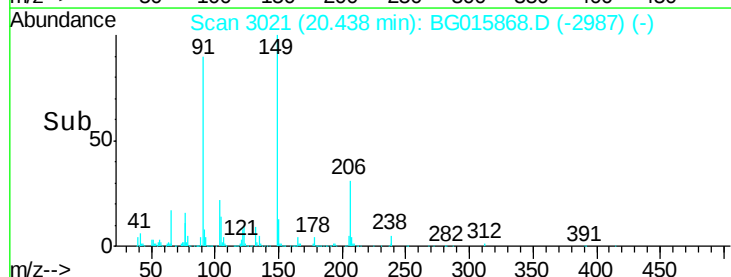
206 31.5 24.9 37.3

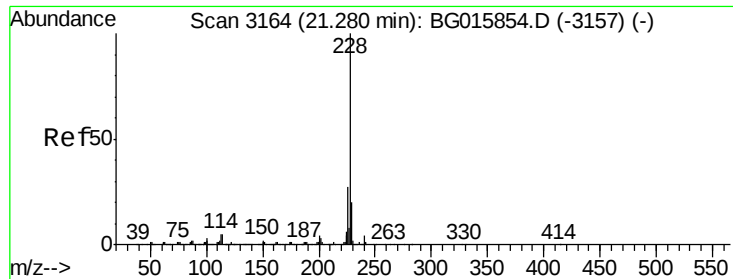


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.85 ng

RT: 21.28 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

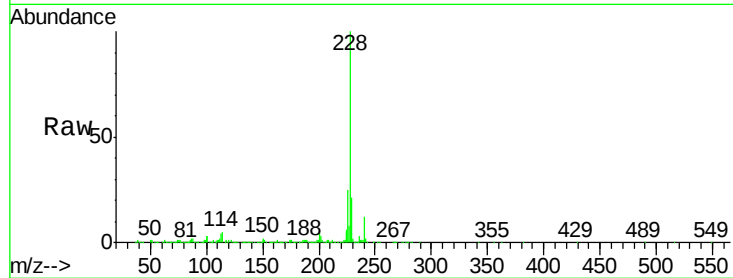
Tgt Ion:228 Resp: 514583

Ion Ratio Lower Upper

228 100

226 25.5 21.4 32.2

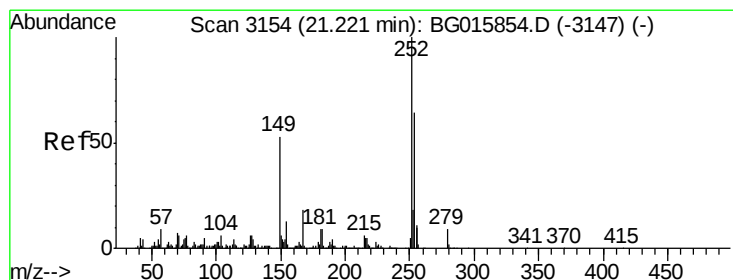
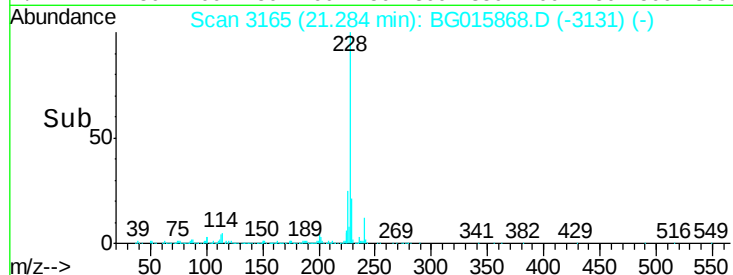
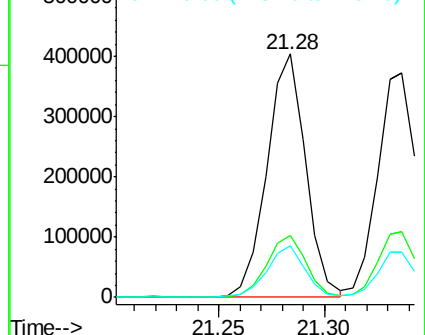
229 21.2 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 17.66 ng

RT: 21.22 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

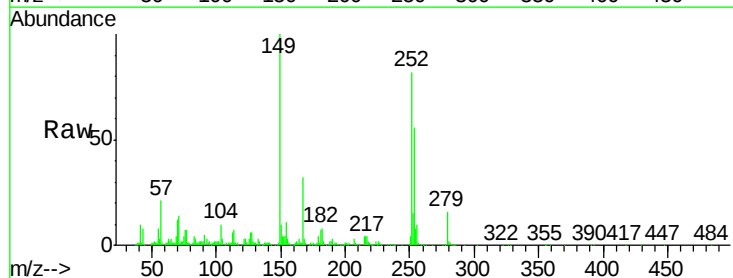
Tgt Ion:252 Resp: 104706

Ion Ratio Lower Upper

252 100

254 68.2 54.0 81.0

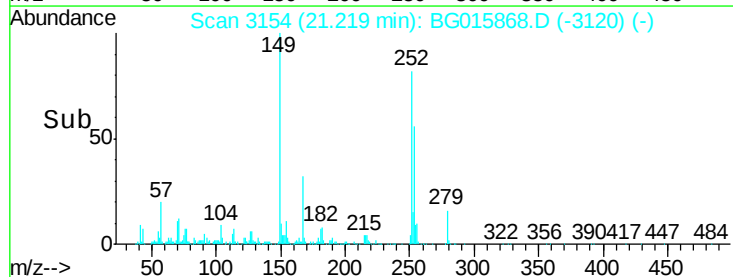
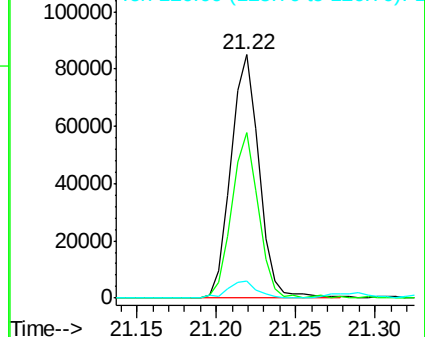
126 6.9 5.8 8.8

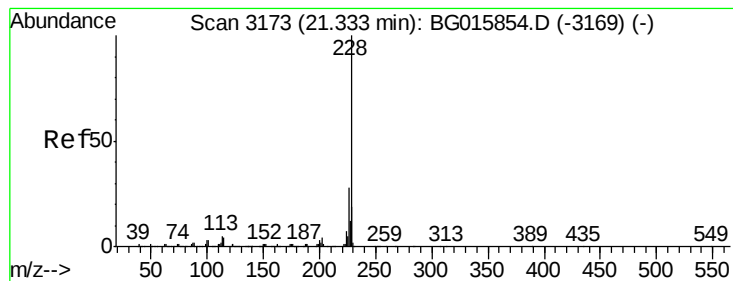


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.20 ng

RT: 21.34 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

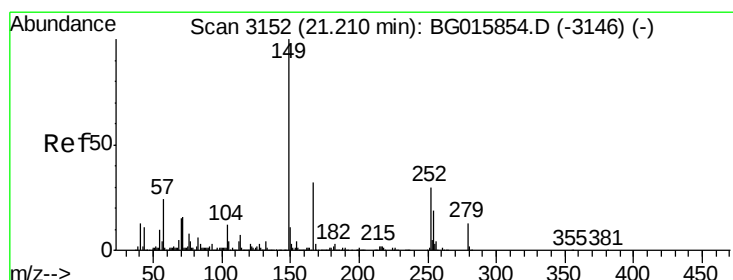
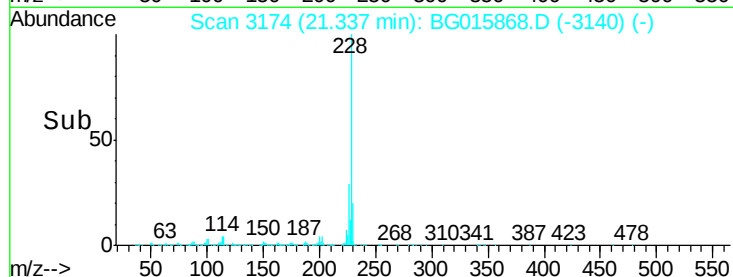
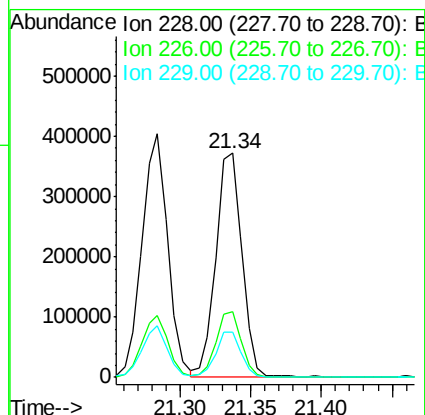
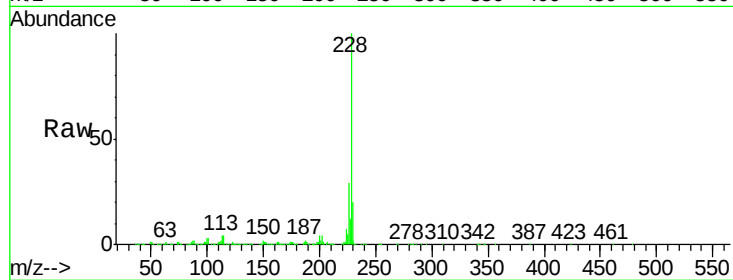
Tgt Ion:228 Resp: 478202

Ion Ratio Lower Upper

228 100

226 29.5 22.5 33.7

229 20.3 15.8 23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.39 ng

RT: 21.21 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

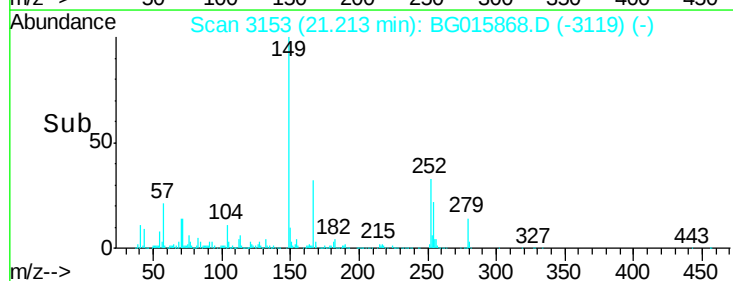
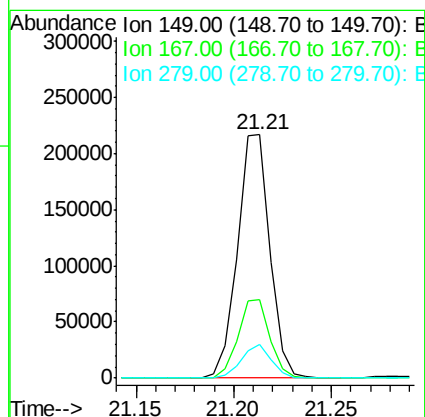
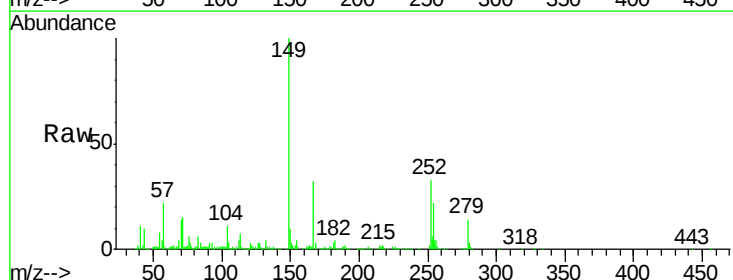
Tgt Ion:149 Resp: 248799

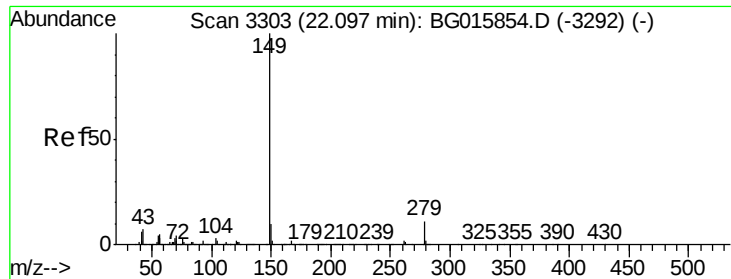
Ion Ratio Lower Upper

149 100

167 32.2 26.2 39.2

279 13.9 10.5 15.7

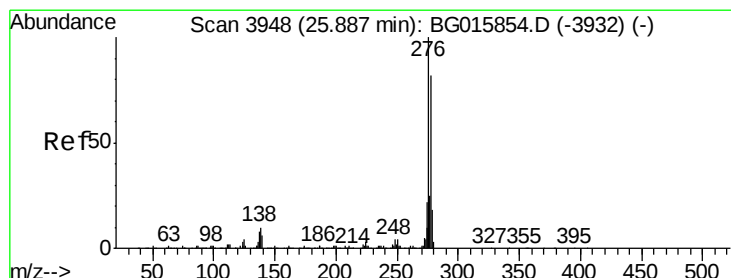
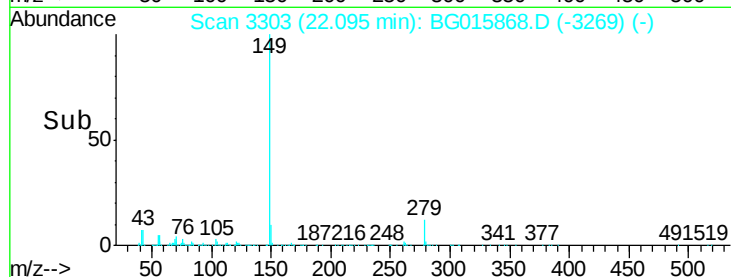
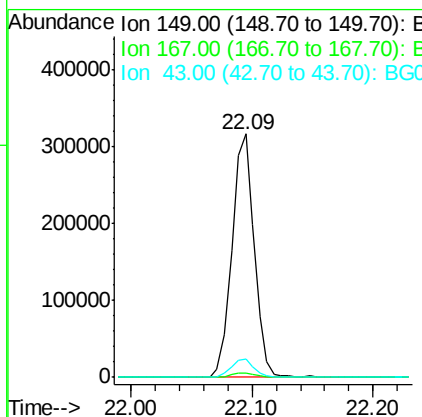
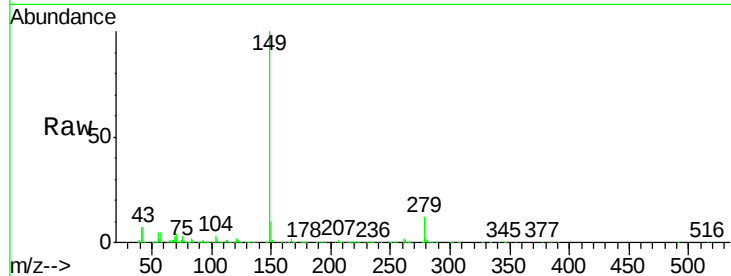




#84
Di-n-octyl phthalate
Concen: 31.26 ng
RT: 22.09 min Scan# 3303
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

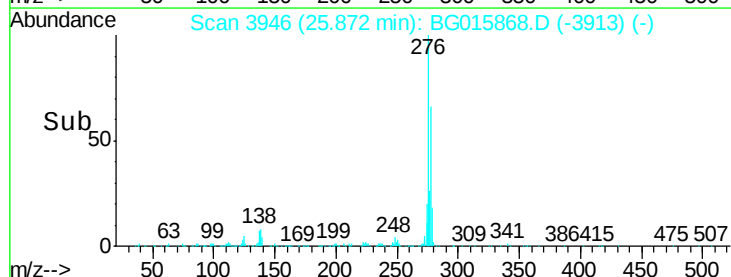
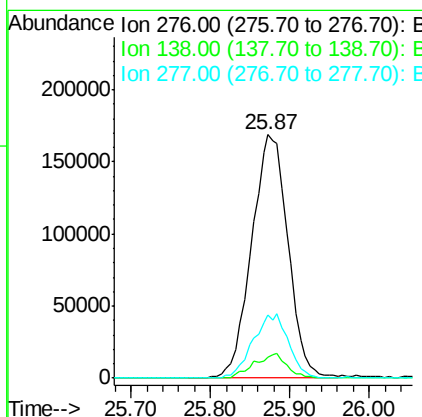
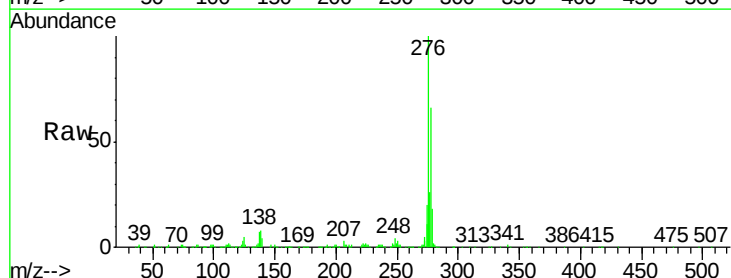
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

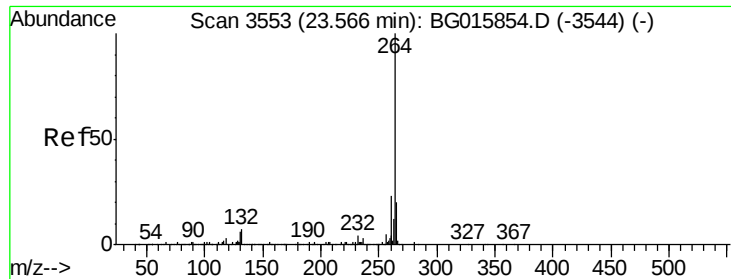
Tgt Ion:149 Resp: 403399
Ion Ratio Lower Upper
149 100
167 2.0 1.6 2.4
43 7.9 5.9 8.9



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.81 ng
RT: 25.87 min Scan# 3946
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion:276 Resp: 540719
Ion Ratio Lower Upper
276 100
138 9.1 7.8 11.6
277 25.6 20.6 31.0



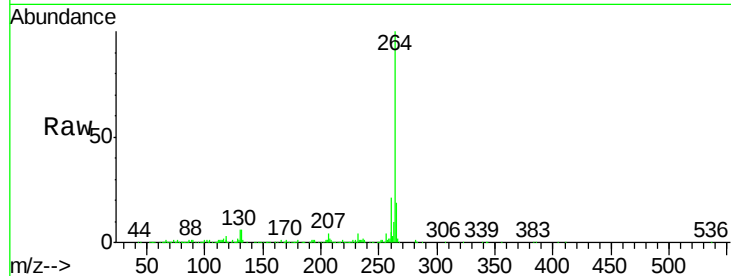


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

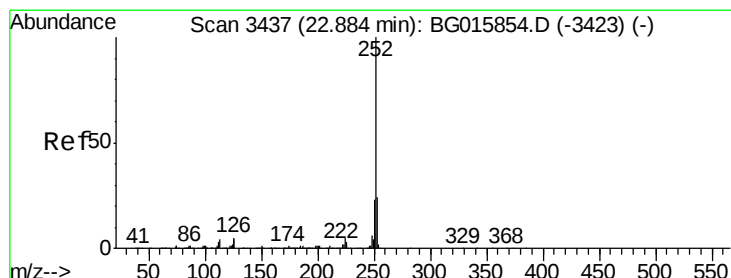
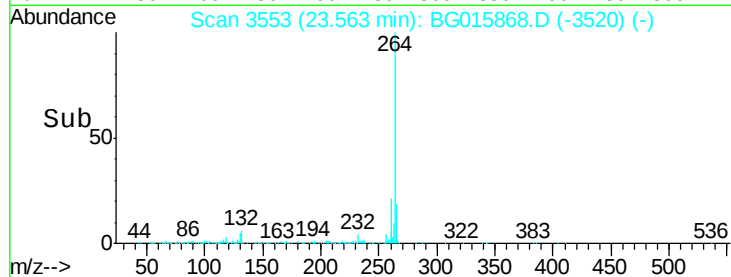
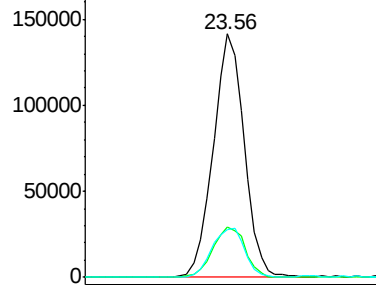
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

Tgt Ion: 264 Resp: 263948

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.0	25.4
265	19.5	17.4	26.0



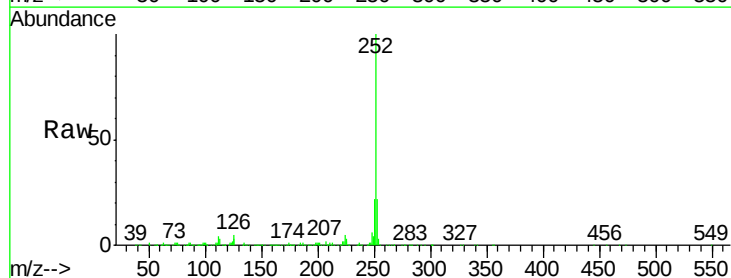
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



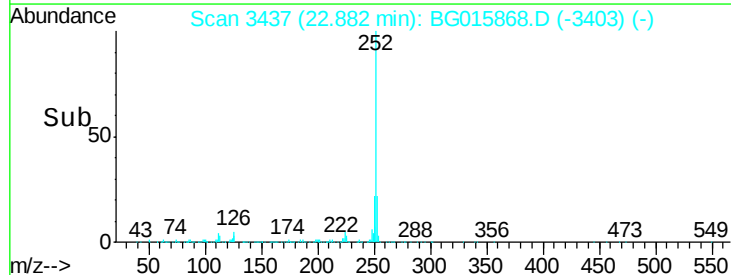
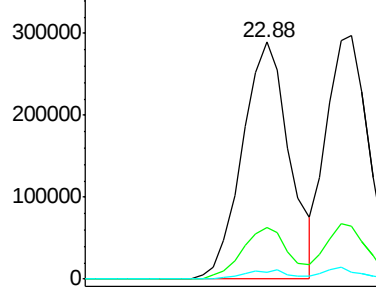
#87
Benzo(b)fluoranthene
Concen: 31.84 ng
RT: 22.88 min Scan# 3437
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

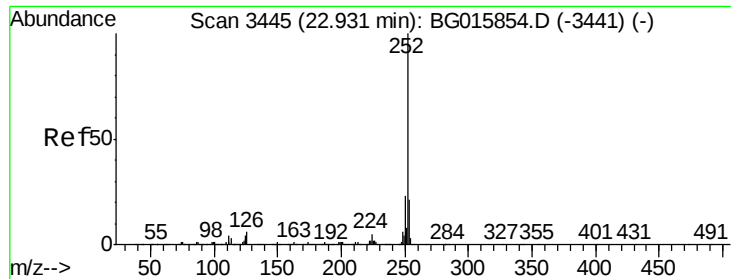
Tgt Ion: 252 Resp: 524704

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	2.8	3.6	5.4#



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

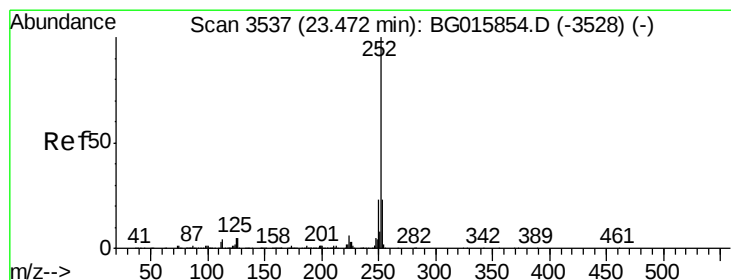
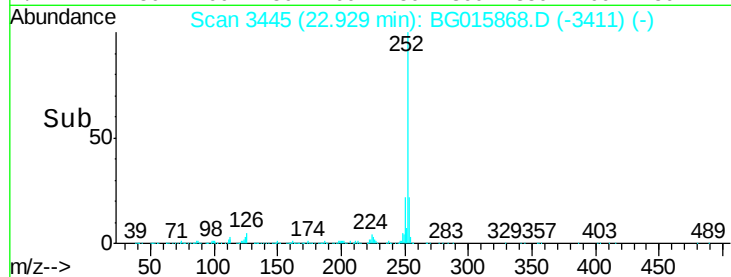
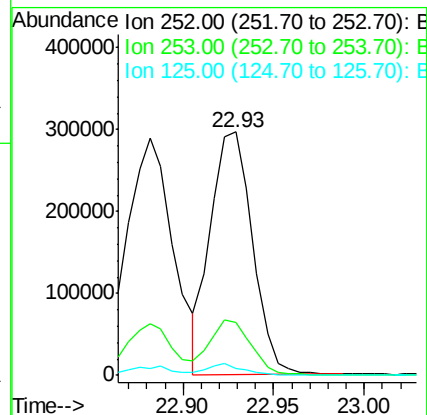
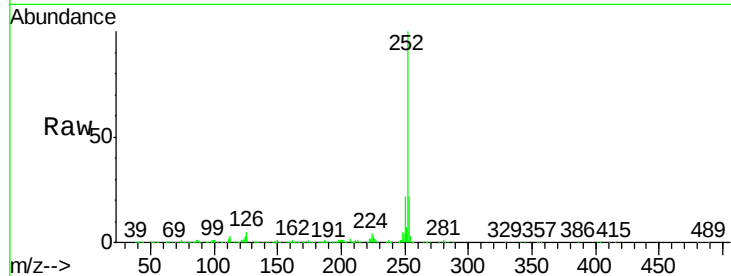




#88
Benzo(k)fluoranthene
Concen: 30.07 ng
RT: 22.93 min Scan# 3445
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

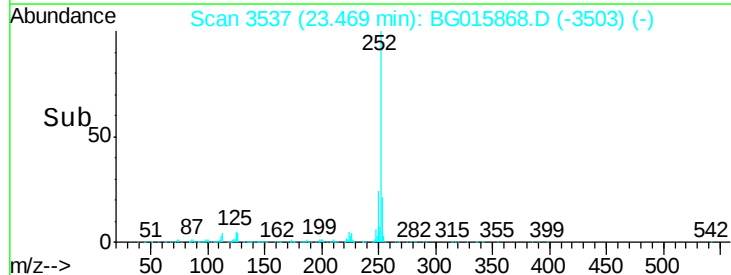
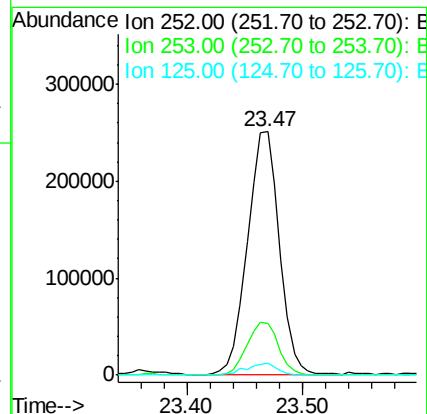
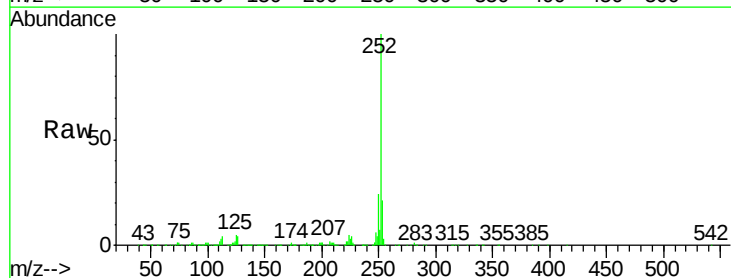
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)MSD

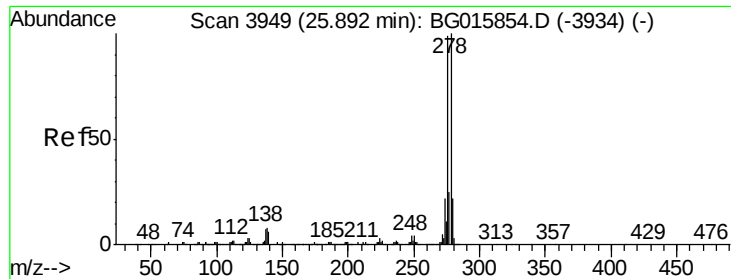
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	2.6	3.0	4.6#



#89
Benzo(a)pyrene
Concen: 32.33 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG015868.D
Acq: 9 Jan 2015 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	5.1	3.7	5.5





#90

Dibenzo(a,h)anthracene

Concen: 30.20 ng

RT: 25.88 min Scan# 3948

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)MSD

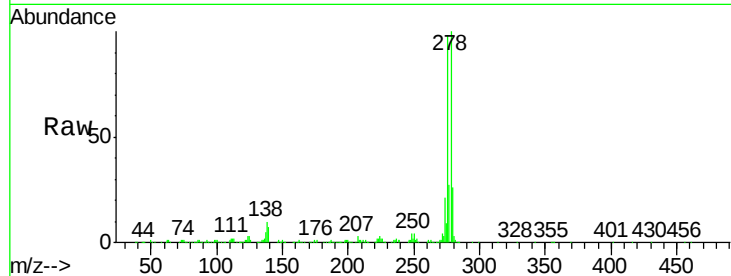
Tgt Ion:278 Resp: 440614

Ion Ratio Lower Upper

278 100

139 7.2 4.9 7.3

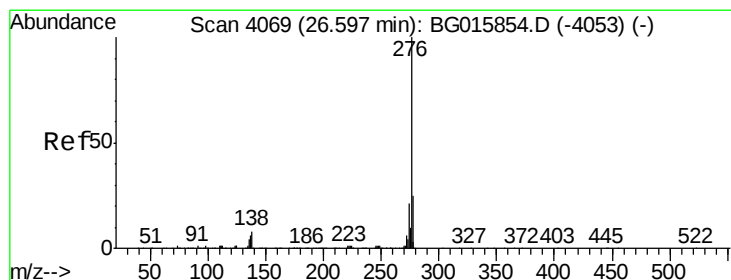
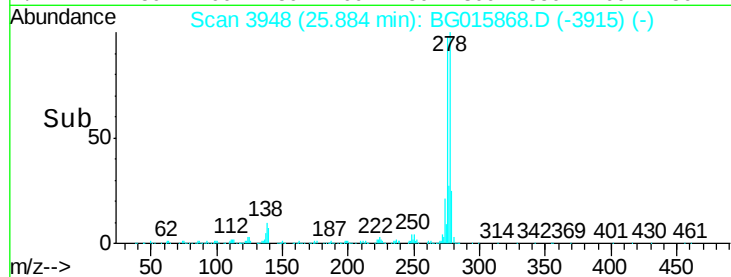
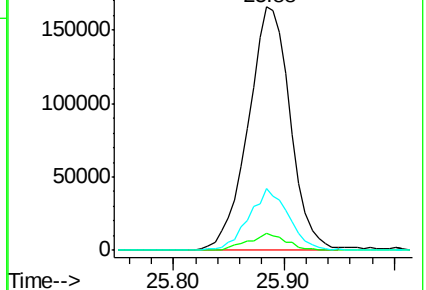
279 25.6 19.1 28.7



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: 30.80 ng

RT: 26.58 min Scan# 4067

Delta R.T. -0.01 min

Lab File: BG015868.D

Acq: 9 Jan 2015 13:45

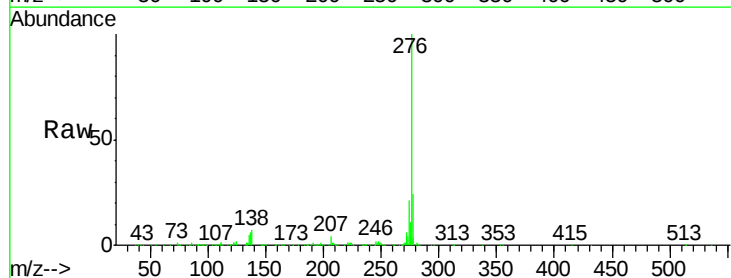
Tgt Ion:276 Resp: 446558

Ion Ratio Lower Upper

276 100

277 24.4 18.2 27.2

138 7.3 6.4 9.6



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

