

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015876.D
 Acq On : 9 Jan 2015 18:55
 Operator : TP/IZ
 Sample : G1055-01MSD
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

Quant Time: Jan 10 02:27:21 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	33083	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	116887	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	86211	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	216359	20.00	ng	0.00
75) Chrysene-d12	21.30	240	289663	20.00	ng	0.00
86) Perylene-d12	23.57	264	225974	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	199923	51.97	ng	0.00
7) Phenol-d6	6.92	99	278937	52.06	ng	0.01
23) Nitrobenzene-d5	8.89	82	196818	33.04	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	183993	56.14	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	395634	32.78	ng	0.00
78) Terphenyl-d14	19.74	244	777806	30.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	18395	20.85	ng	# 89
3) Pyridine	3.64	79	51613	21.34	ng	97
4) n-Nitrosodimethylamine	3.56	42	27211	26.18	ng	# 96
6) Aniline	7.06	93	63539	17.54	ng	# 92
8) 2-Chlorophenol	7.31	128	64899	32.73	ng	96
9) Benzaldehyde	6.88	77	46113	25.56	ng	95
10) Phenol	6.95	94	102495	35.14	ng	96
11) bis(2-Chloroethyl)ether	7.16	93	63189	29.40	ng	100
12) 1,3-Dichlorobenzene	7.62	146	66233	27.87	ng	95
13) 1,4-Dichlorobenzene	7.77	146	69688	28.73	ng	97
14) 1,2-Dichlorobenzene	8.08	146	70413	30.59	ng	97
15) Benzyl Alcohol	7.98	79	80806	30.88	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	39740	28.95	ng	96
17) 2-Methylphenol	8.19	107	61400	30.86	ng	91
18) Hexachloroethane	8.80	117	34191	30.54	ng	90
19) n-Nitroso-di-n-propylamine	8.53	70	58974	28.22	ng	99
20) 3+4-Methylphenols	8.51	107	81409	30.68	ng	96
22) Acetophenone	8.55	105	110250	32.17	ng	# 94
24) Nitrobenzene	8.93	77	95932	31.97	ng	93
25) Isophorone	9.45	82	162908	30.84	ng	98
26) 2-Nitrophenol	9.64	139	37095	32.26	ng	92
27) 2,4-Dimethylphenol	9.71	122	64141	33.34	ng	91
28) bis(2-Chloroethoxy)methane	9.93	93	84325	32.35	ng	# 95
29) 2,4-Dichlorophenol	10.18	162	71763	36.93	ng	96
30) 1,2,4-Trichlorobenzene	10.38	180	82529	32.42	ng	84
31) Naphthalene	10.57	128	197766	31.95	ng	98
32) Benzoic acid	9.83	122	25080	30.26	ng	93
33) 4-Chloroaniline	10.68	127	50983	20.22	ng	93
34) Hexachlorobutadiene	10.85	225	72414	30.61	ng	93
35) Caprolactam	11.47	113	27661	32.37	ng	81
36) 4-Chloro-3-methylphenol	11.82	107	85407	33.73	ng	93
37) 2-Methylnaphthalene	12.18	142	149350	32.23	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	110596	34.49	ng	99
40) Hexachlorocyclopentadiene	12.53	237	121122	49.42	ng	95

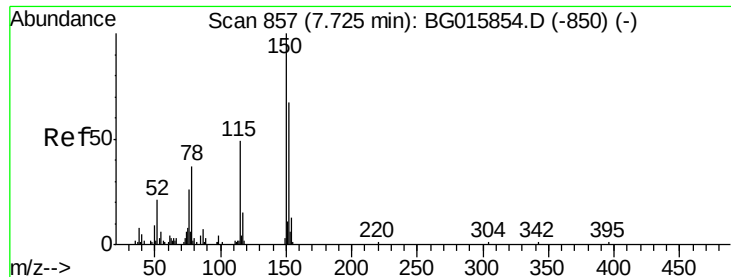
Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	71671	36.42	ng	92
43) 2,4,5-Trichlorophenol	12.88	196	75459	35.01	ng	95
45) 1,1'-Biphenyl	13.20	154	200972	32.65	ng	95
46) 2-Chloronaphthalene	13.25	162	159191	32.45	ng	97
47) 2-Nitroaniline	13.45	65	57341	35.75	ng	90
48) Acenaphthylene	14.09	152	262383	31.28	ng	98
49) Dimethylphthalate	13.83	163	240341	37.78	ng	97
50) 2,6-Dinitrotoluene	13.96	165	44615	32.52	ng	95
51) Acenaphthene	14.44	154	160559	32.58	ng	94
52) 3-Nitroaniline	14.29	138	36626	28.07	ng	96
53) 2,4-Dinitrophenol	14.49	184	25022	32.03	ng	89
54) Dibenzofuran	14.77	168	263416	32.95	ng	99
55) 4-Nitrophenol	14.61	139	69240	64.41	ng	# 82
56) 2,4-Dinitrotoluene	14.74	165	66724	33.77	ng	# 94
57) Fluorene	15.42	166	207916	31.91	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	81540	33.53	ng	# 98
59) Diethylphthalate	15.20	149	225676	32.13	ng	99
60) 4-Chlorophenyl-phenylether	15.41	204	141475	33.25	ng	94
61) 4-Nitroaniline	15.45	138	45012	29.34	ng	97
62) Azobenzene	15.71	77	238412	31.49	ng	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	26678	19.05	ng	92
65) n-Nitrosodiphenylamine	15.64	169	194307	31.23	ng	97
66) 4-Bromophenyl-phenylether	16.31	248	99150	33.41	ng	92
67) Hexachlorobenzene	16.42	284	106694	31.76	ng	96
68) Atrazine	16.58	200	88619	31.88	ng	95
69) Pentachlorophenol	16.77	266	128908	60.05	ng	95
70) Phenanthrene	17.16	178	344258	29.89	ng	97
71) Anthracene	17.25	178	356443	31.16	ng	99
72) Carbazole	17.52	167	327783	29.88	ng	97
73) Di-n-butylphthalate	18.08	149	391230	30.29	ng	98
74) Fluoranthene	19.17	202	490989	28.19	ng	99
76) Benzidine	19.37	184	153120	22.83	ng	99
77) Pyrene	19.54	202	514488	33.22	ng	99
79) Butylbenzylphthalate	20.44	149	192670	33.20	ng	99
80) Benzo(a)anthracene	21.28	228	534339	31.06	ng	99
81) 3,3'-Dichlorobenzidine	21.22	252	127302	20.16	ng	92
82) Chrysene	21.34	228	499646	31.60	ng	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	267962	31.76	ng	99
84) Di-n-octyl phthalate	22.09	149	458342	33.36	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	331407	17.74	ng	98
87) Benzo(b)fluoranthene	22.89	252	428165	30.35	ng	99
88) Benzo(k)fluoranthene	22.93	252	476752	35.10	ng	97
89) Benzo(a)pyrene	23.47	252	430053	33.84	ng	96
90) Dibenzo(a,h)anthracene	25.90	278	284692	22.79	ng	99
91) Benzo(g,h,i)perylene	26.59	276	265161	21.36	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 859

Delta R.T. 0.00 min

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BNA_G

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FK-BPM-02-E5-E6-E7-E8MSD

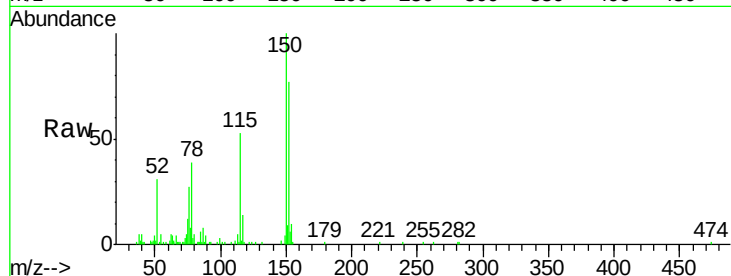
Tgt Ion:152 Resp: 33083

Ion Ratio Lower Upper

152 100

150 129.5 120.5 180.7

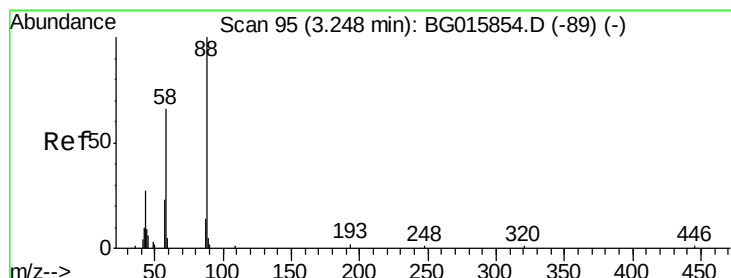
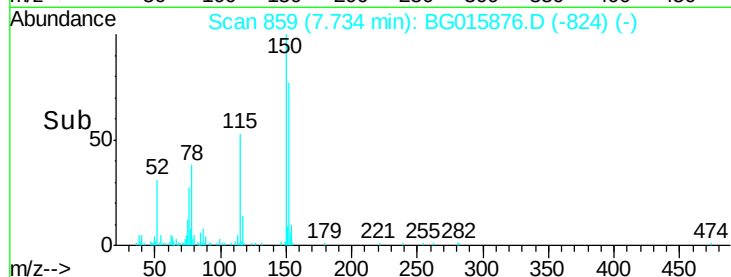
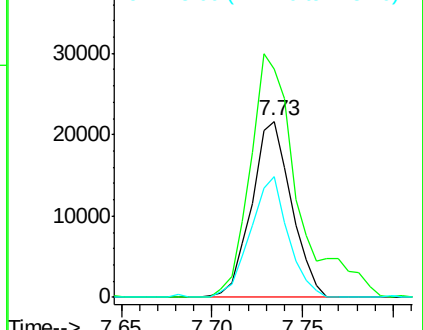
115 68.3 54.0 81.0



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



#2

1,4-Dioxane

Concen: 20.85 ng

RT: 3.25 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

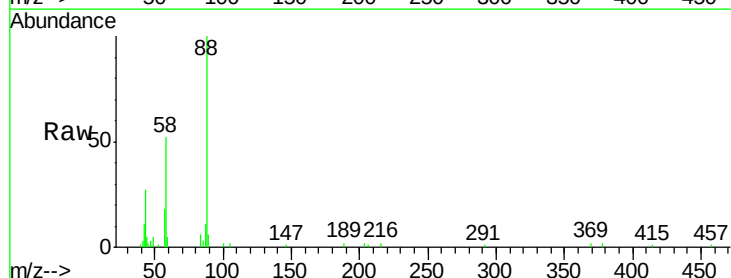
Tgt Ion: 88 Resp: 18395

Ion Ratio Lower Upper

88 100

58 54.3 37.9 56.9

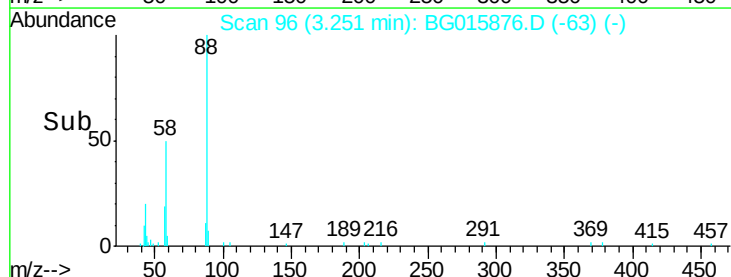
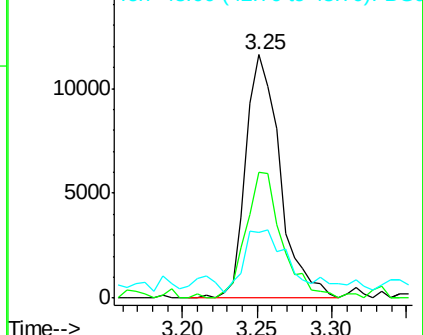
43 31.6 20.7 31.1#

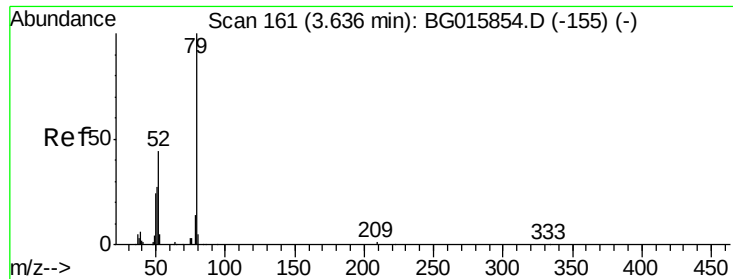


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 21.34 ng

RT: 3.64 min Scan# 163

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

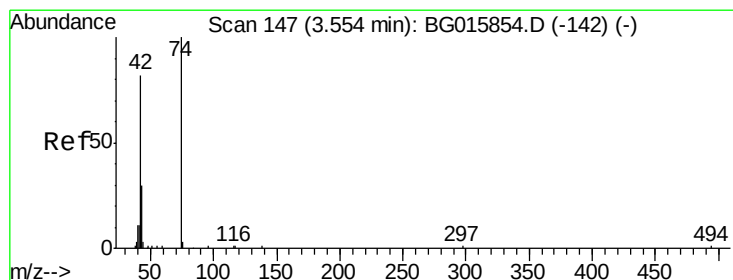
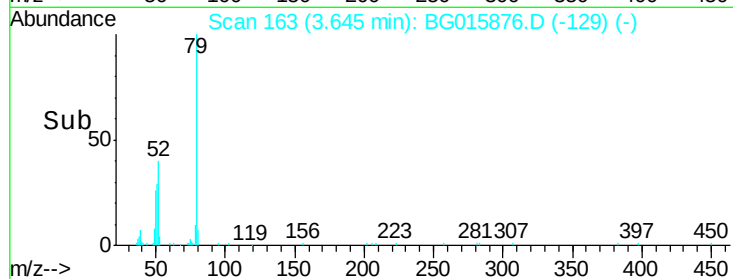
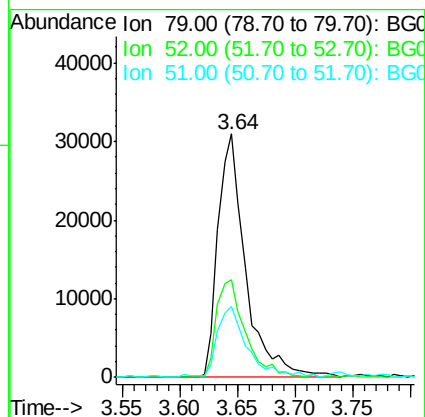
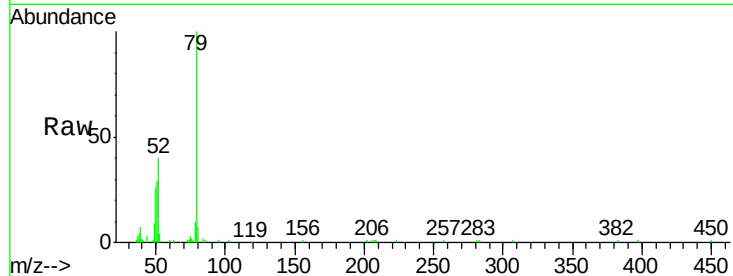
Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:	79	Resp:	51613
Ion	Ratio	Lower	Upper
79	100		
52	40.3	30.6	46.0
51	29.0	24.9	37.3



#4

n-Nitrosodimethylamine

Concen: 26.18 ng

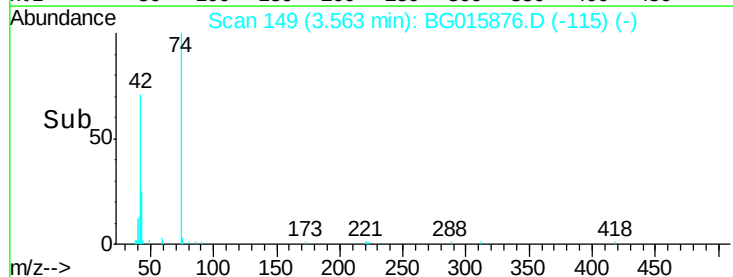
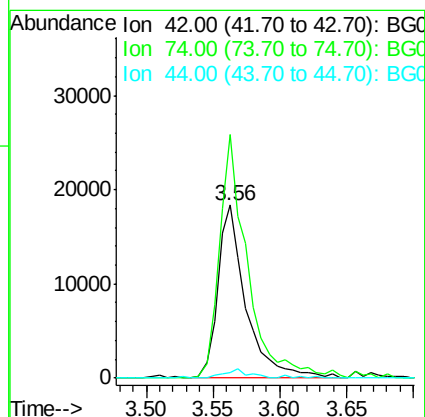
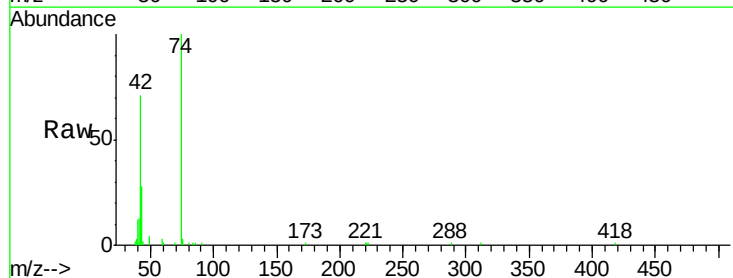
RT: 3.56 min Scan# 149

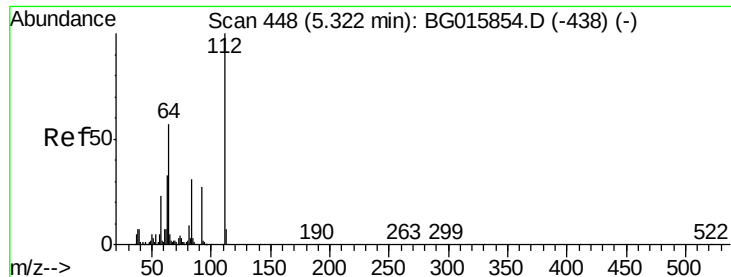
Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Tgt Ion:	42	Resp:	27211
Ion	Ratio	Lower	Upper
42	100		
74	140.6	108.8	163.2
44	3.3	4.4	6.6





#5

2-Fluorophenol

Concen: 51.97 ng

RT: 5.34 min Scan# 451

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

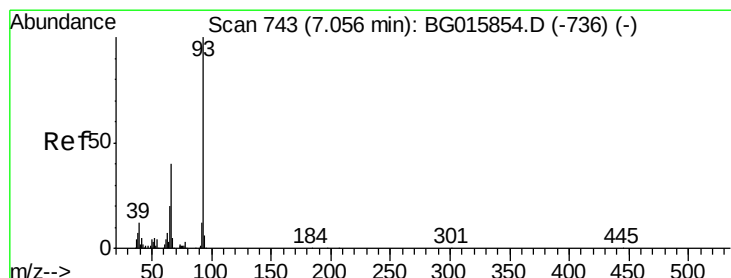
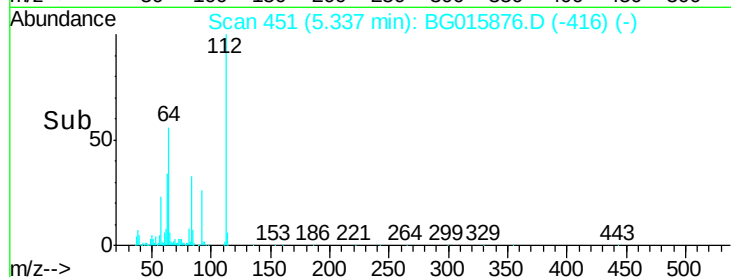
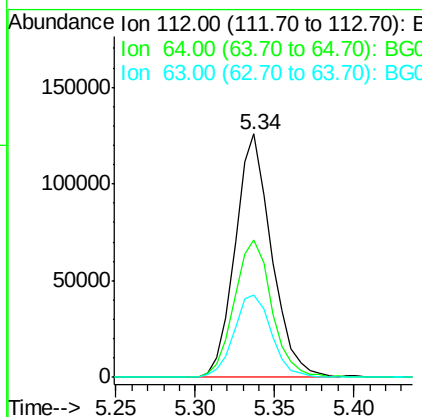
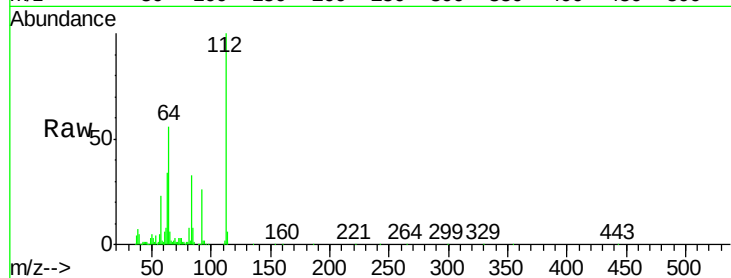
Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:	112	Resp:	199923
Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.8	70.2
63	33.9	30.6	45.8



#6

Aniline

Concen: 17.54 ng

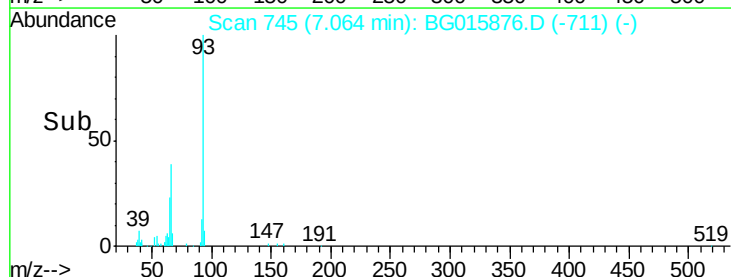
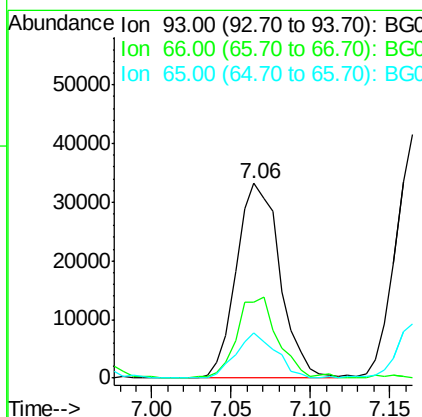
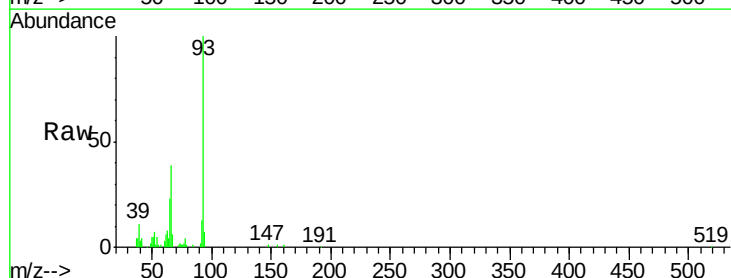
RT: 7.06 min Scan# 745

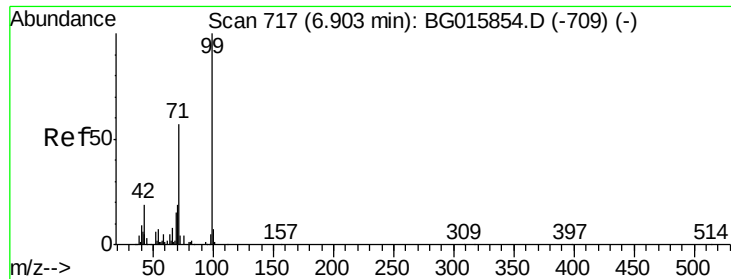
Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Tgt Ion:	93	Resp:	63539
Ion	Ratio	Lower	Upper
93	100		
66	39.3	28.7	43.1
65	23.5	14.7	22.1#





#7

Phenol-d6

Concen: 52.06 ng

RT: 6.92 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

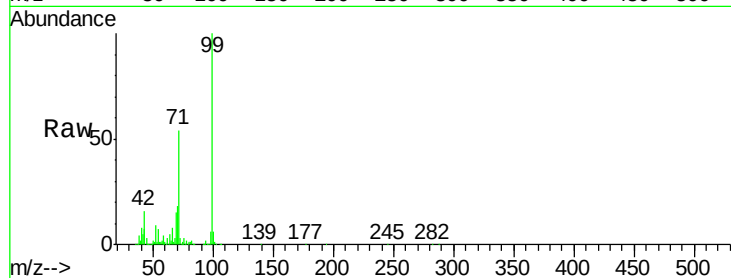
Tgt Ion: 99 Resp: 278937

Ion Ratio Lower Upper

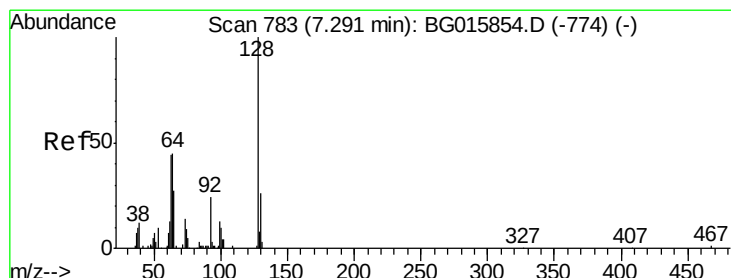
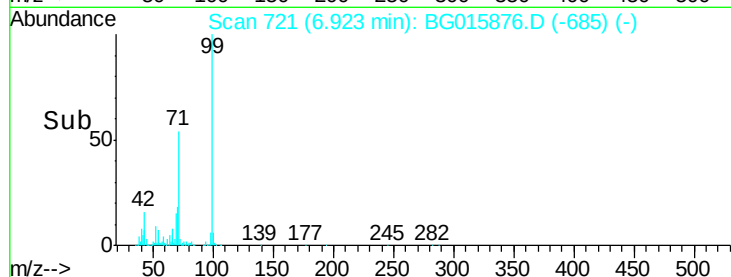
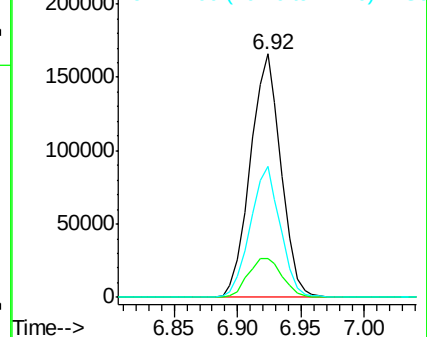
99 100

42 15.9 13.8 20.8

71 54.0 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: 32.73 ng

RT: 7.31 min Scan# 786

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

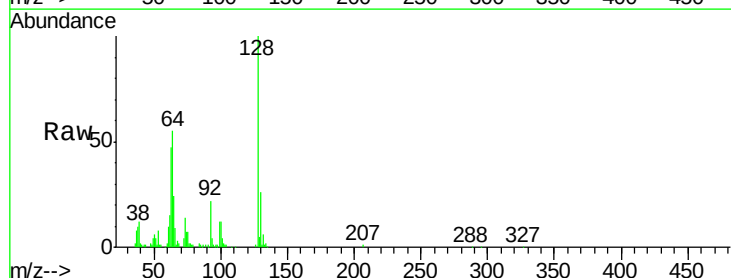
Tgt Ion: 128 Resp: 64899

Ion Ratio Lower Upper

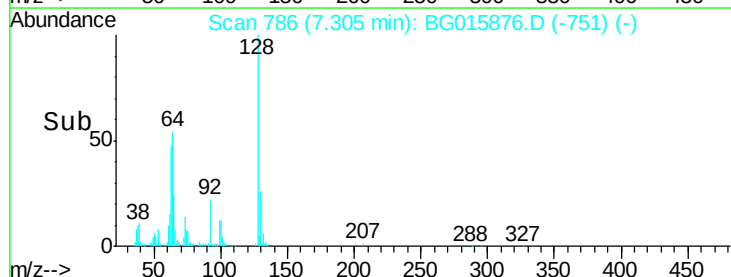
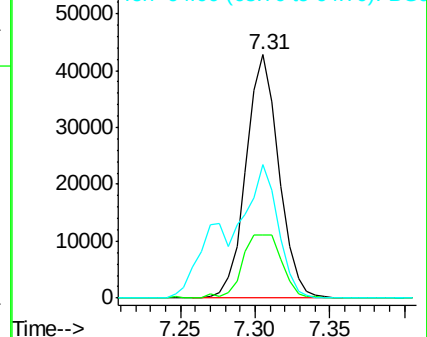
128 100

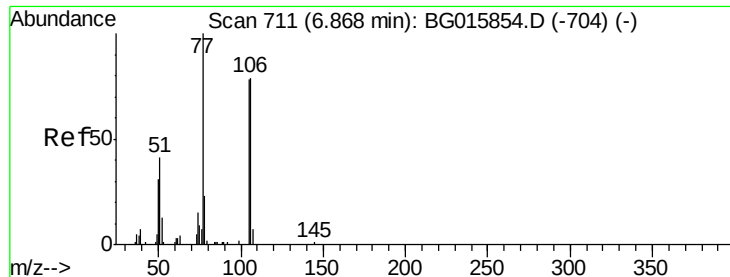
130 26.0 10.6 50.6

64 54.8 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: 25.56 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG015876.D

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Instrument :

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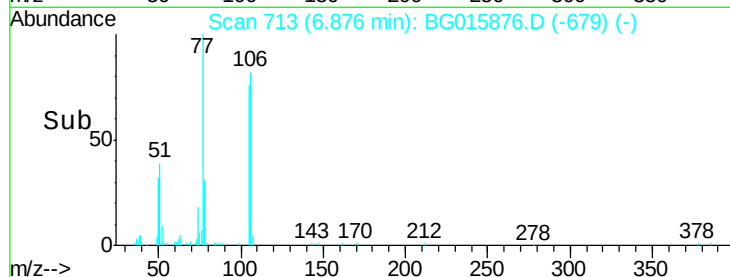
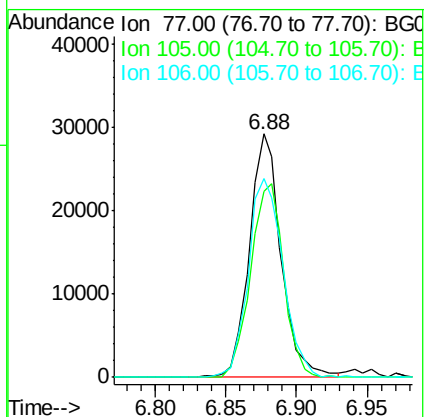
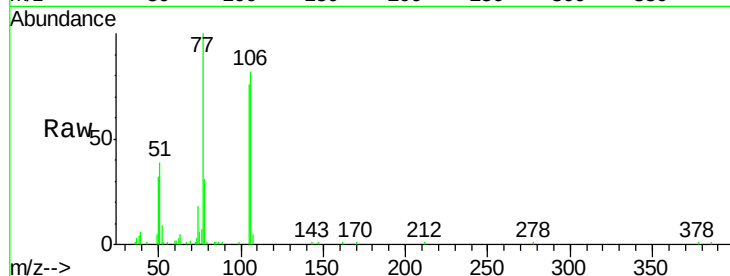
Tgt Ion: 77 Resp: 46113

Ion Ratio Lower Upper

77 100

105 76.3 62.4 102.4

106 81.7 59.5 99.5



#10

Phenol

Concen: 35.14 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

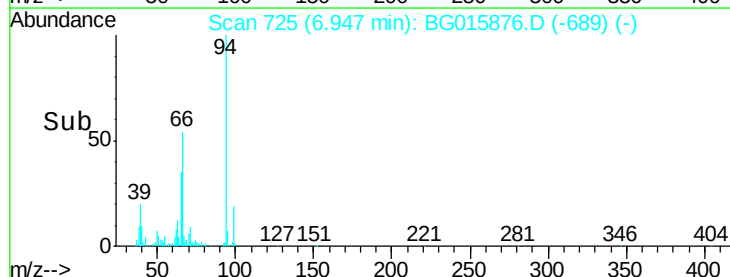
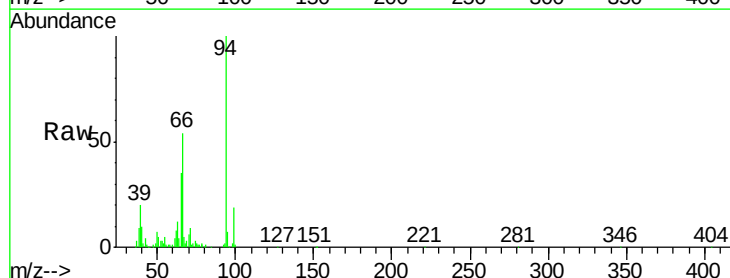
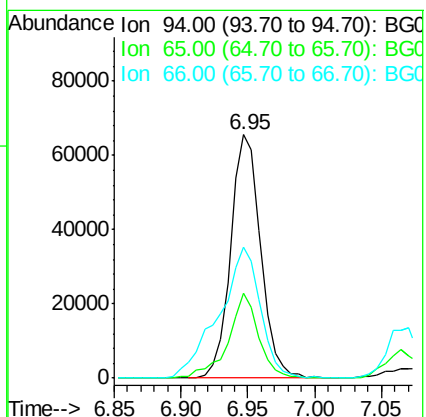
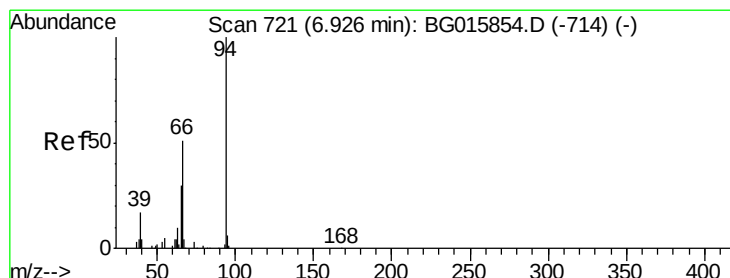
Tgt Ion: 94 Resp: 102495

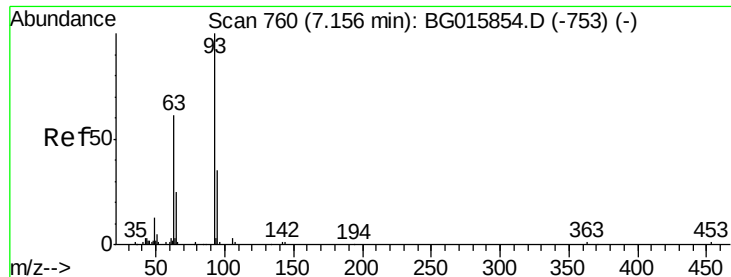
Ion Ratio Lower Upper

94 100

65 34.8 9.7 49.7

66 53.6 33.8 73.8





#11

bis(2-Chloroethyl)ether

Concen: 29.40 ng

RT: 7.16 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

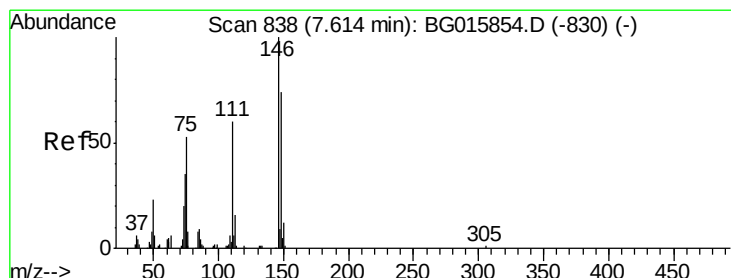
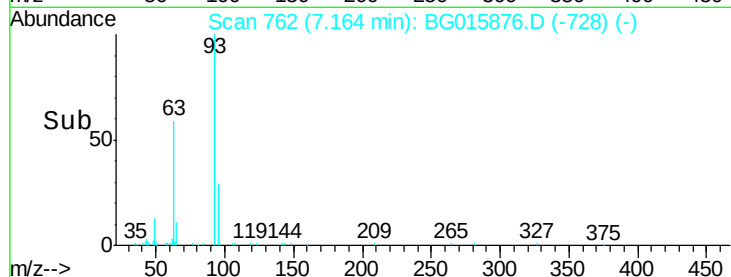
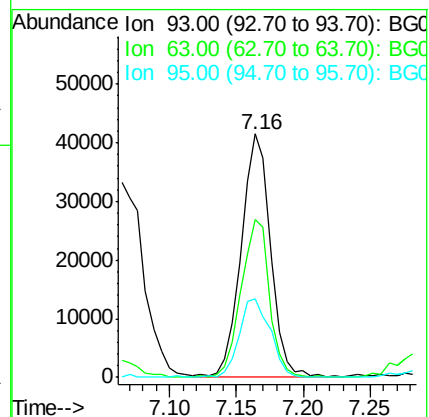
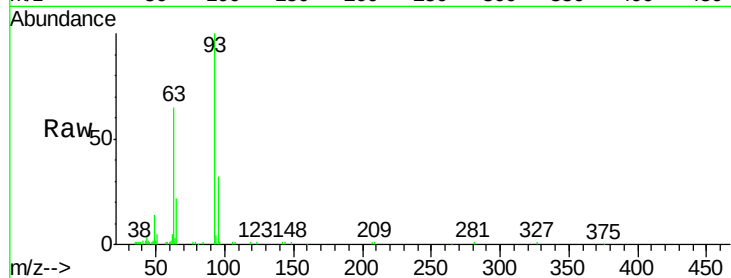
Tgt Ion: 93 Resp: 63189

Ion Ratio Lower Upper

93 100

63 64.9 45.1 85.1

95 32.4 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 27.87 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

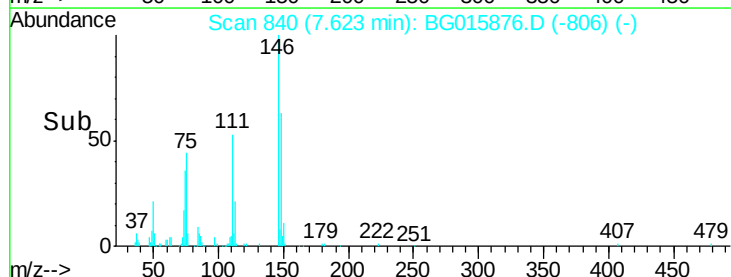
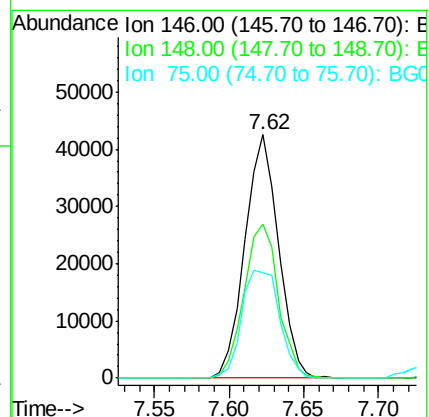
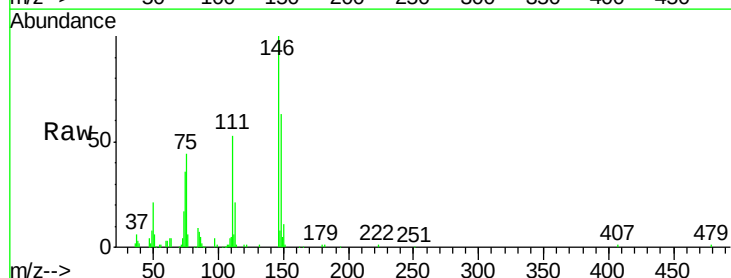
Tgt Ion: 146 Resp: 66233

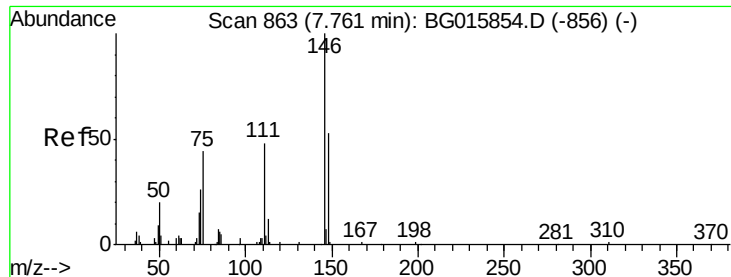
Ion Ratio Lower Upper

146 100

148 63.4 52.5 78.7

75 43.5 38.9 58.3

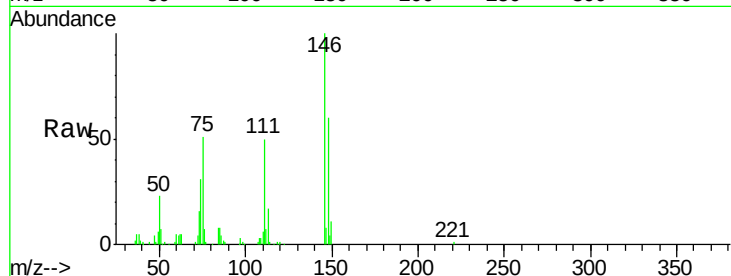




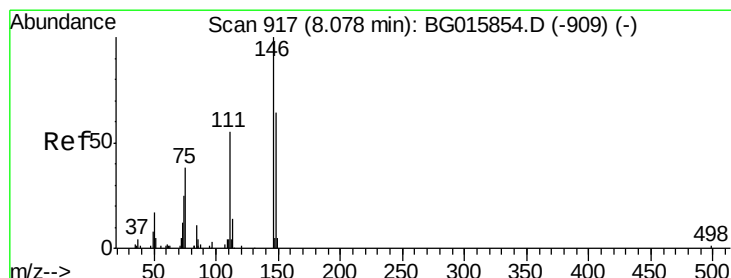
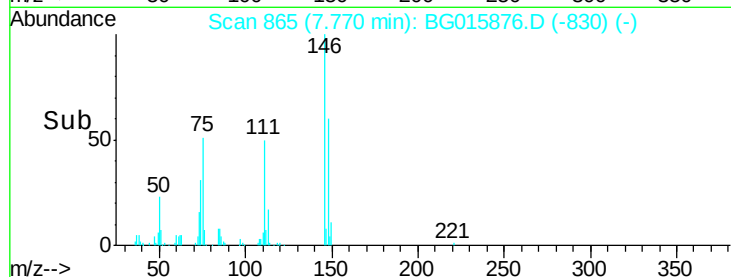
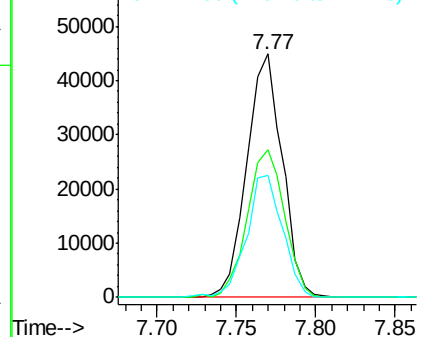
#13
 1,4-Dichlorobenzene
 Concen: 28.73 ng
 RT: 7.77 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:146 Resp: 69688
 Ion Ratio Lower Upper
 146 100
 148 60.4 46.5 69.7
 111 49.9 41.8 62.6

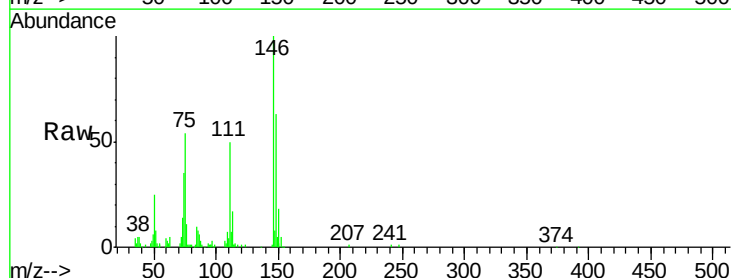


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

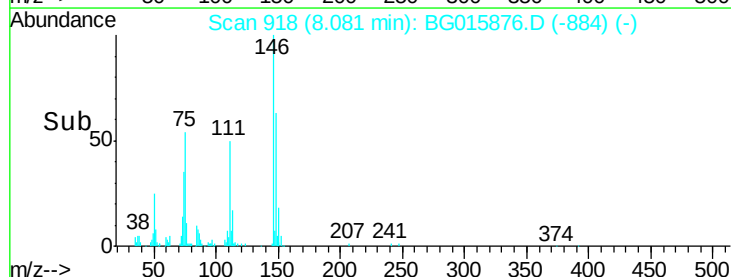
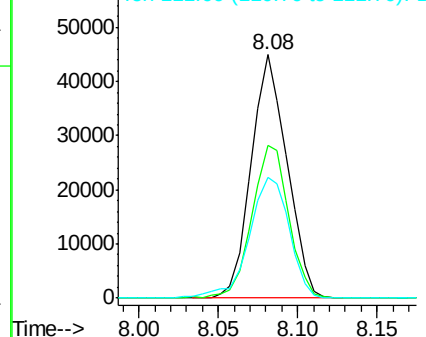


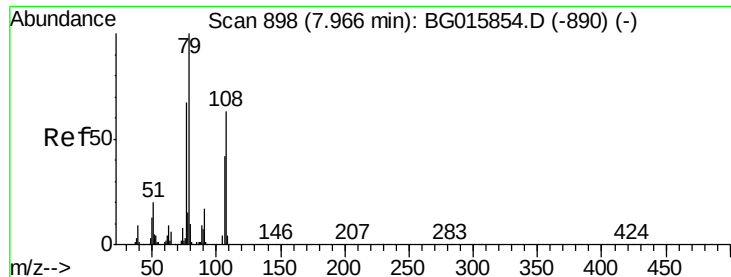
#14
 1,2-Dichlorobenzene
 Concen: 30.59 ng
 RT: 8.08 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:146 Resp: 70413
 Ion Ratio Lower Upper
 146 100
 148 62.9 46.7 70.1
 111 49.6 39.6 59.4



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





#15

Benzyl Alcohol

Concen: 30.88 ng

RT: 7.98 min Scan# 900

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

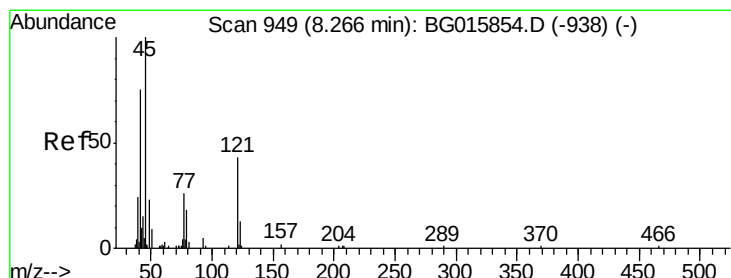
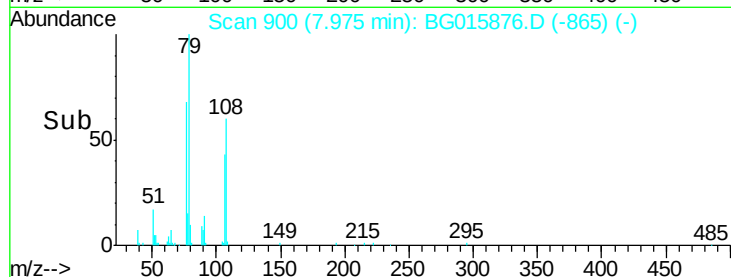
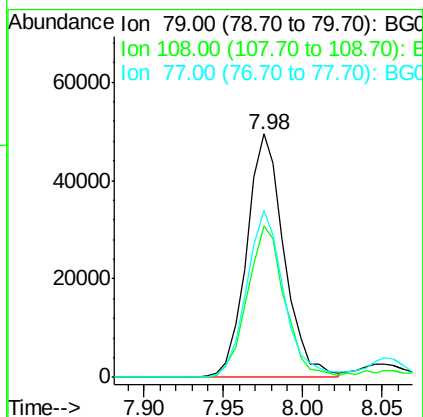
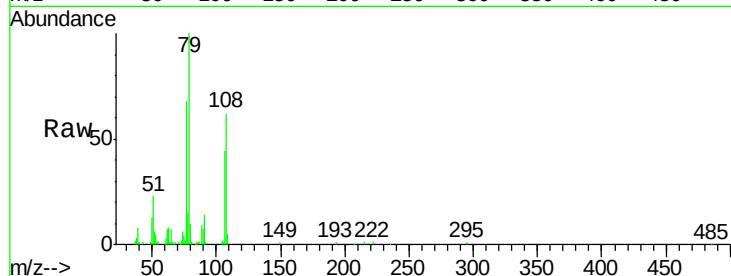
Tgt Ion: 79 Resp: 80806

Ion Ratio Lower Upper

79 100

108 62.3 47.0 70.4

77 68.3 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.95 ng

RT: 8.27 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

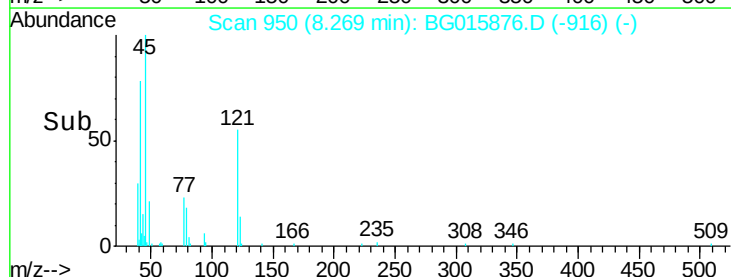
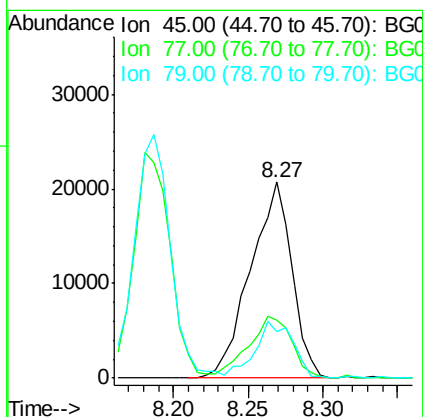
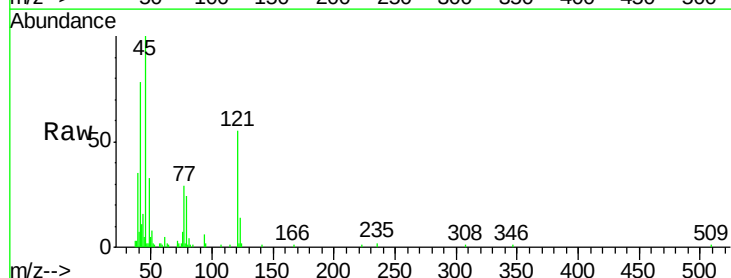
Tgt Ion: 45 Resp: 39740

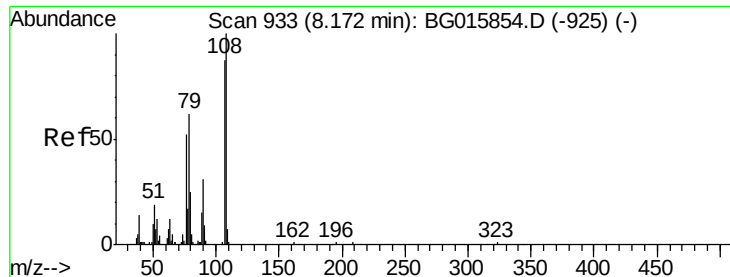
Ion Ratio Lower Upper

45 100

77 29.3 9.7 49.7

79 23.5 7.8 47.8

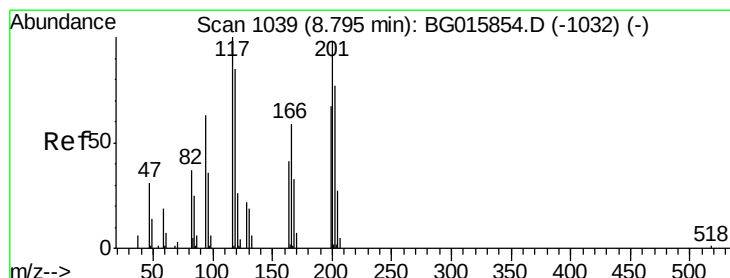
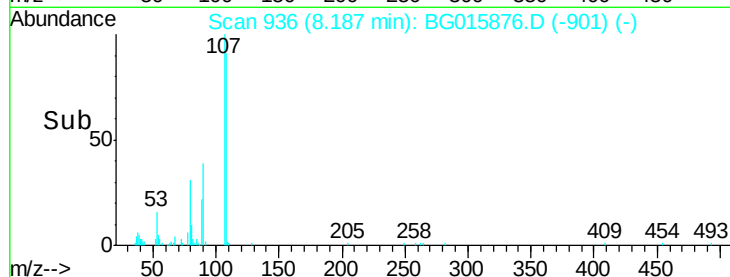
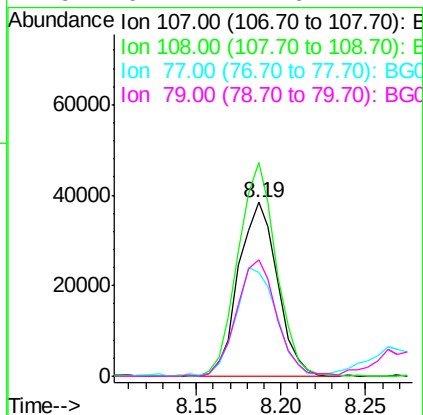
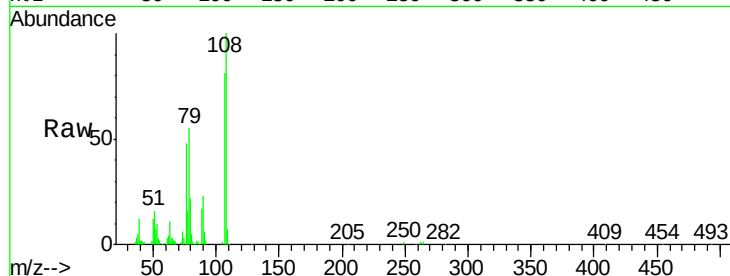




#17
2-Methylphenol
Concen: 30.86 ng
RT: 8.19 min Scan# 936
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

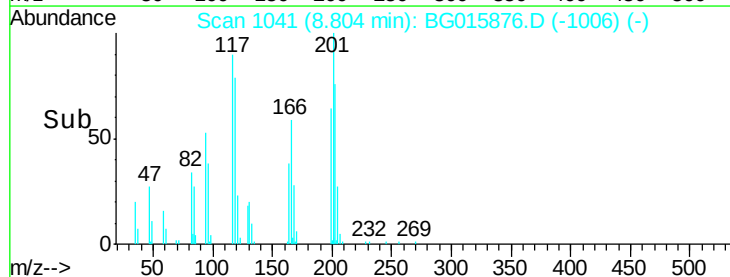
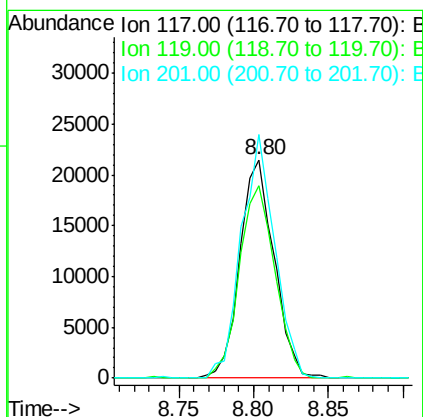
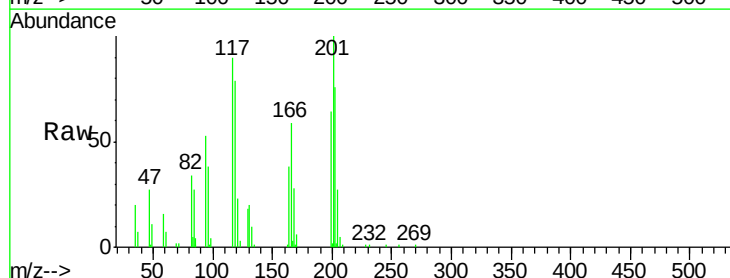
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

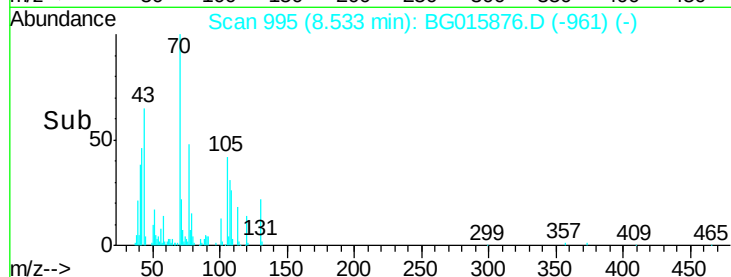
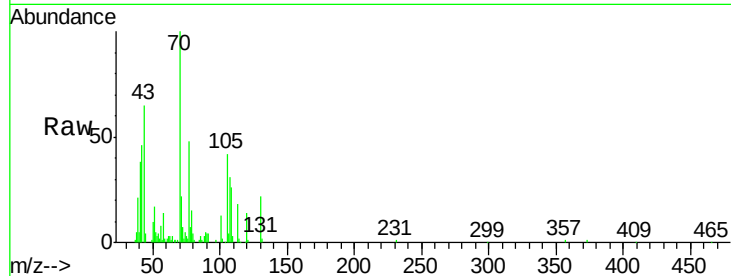
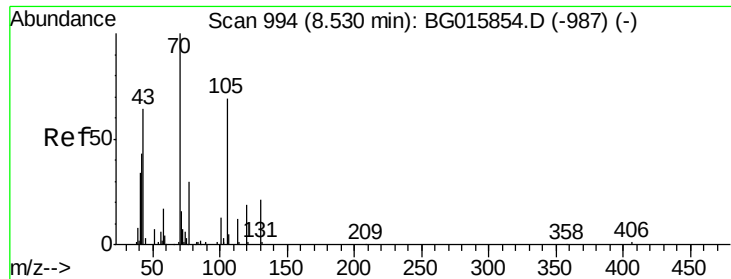
Tgt Ion:	107	Resp:	61400
Ion	Ratio	Lower	Upper
107	100		
108	123.1	88.9	133.3
77	59.6	46.6	69.8
79	67.2	47.6	71.4



#18
Hexachloroethane
Concen: 30.54 ng
RT: 8.80 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:	117	Resp:	34191
Ion	Ratio	Lower	Upper
117	100		
119	88.3	79.5	119.3
201	115.3	84.8	127.2

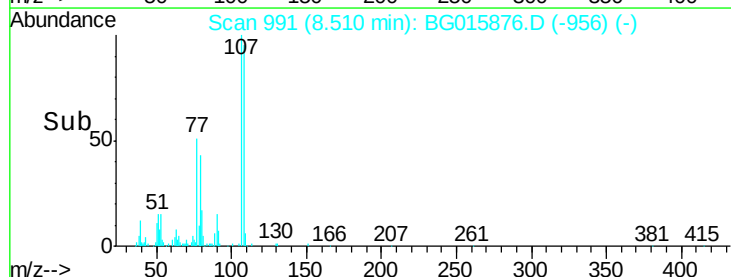
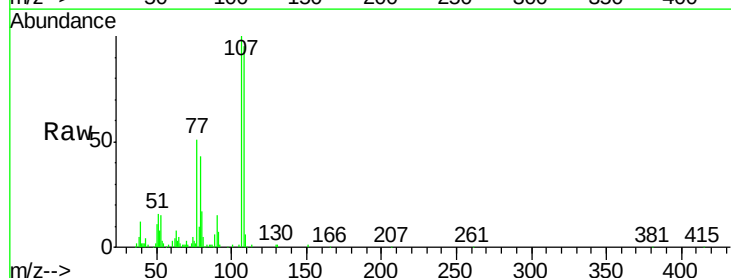
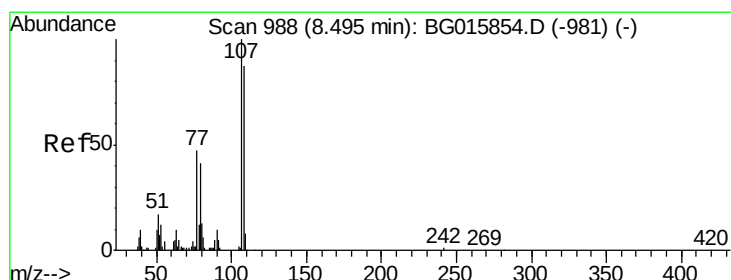
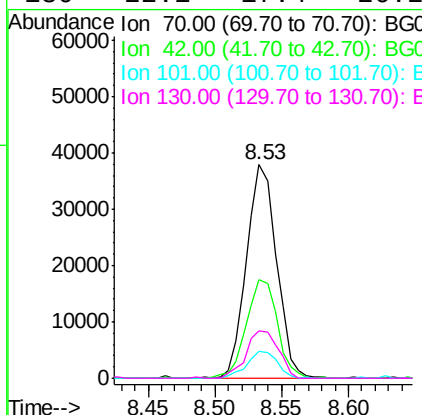




#19
n-Nitroso-di-n-propylamine
Concen: 28.22 ng
RT: 8.53 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

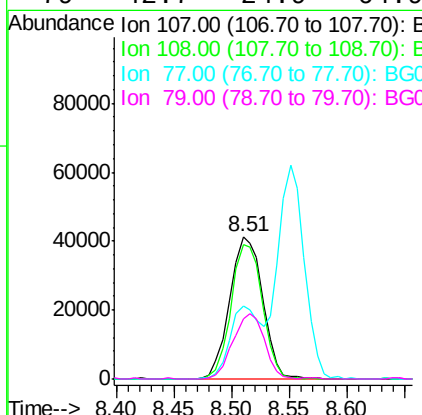
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

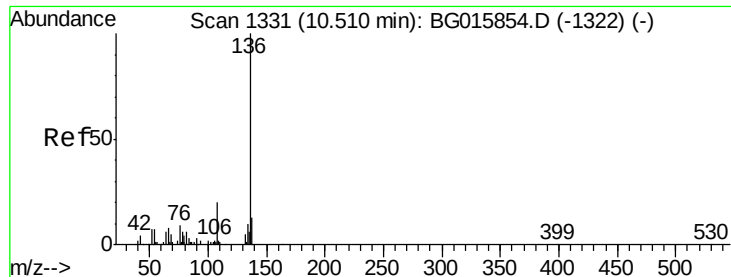
Tgt Ion:	70	Resp:	58974
Ion	Ratio	Lower	Upper
70	100		
42	46.1	36.6	54.8
101	12.7	9.4	14.2
130	22.1	17.4	26.2



#20
3+4-Methylphenols
Concen: 30.68 ng
RT: 8.51 min Scan# 991
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:	107	Resp:	81409
Ion	Ratio	Lower	Upper
107	100		
108	94.6	80.9	120.9
77	51.3	32.1	72.1
79	42.7	24.9	64.9

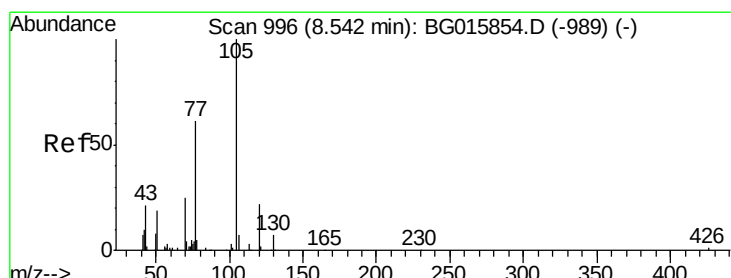
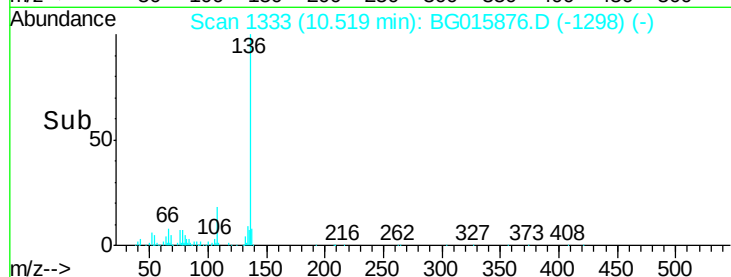
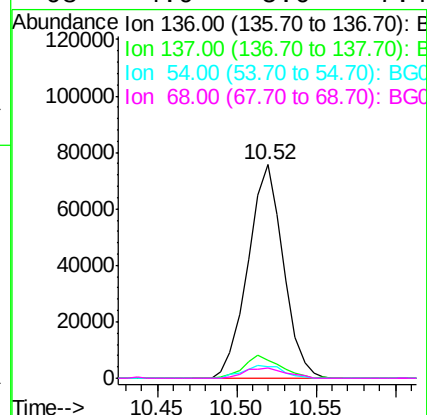
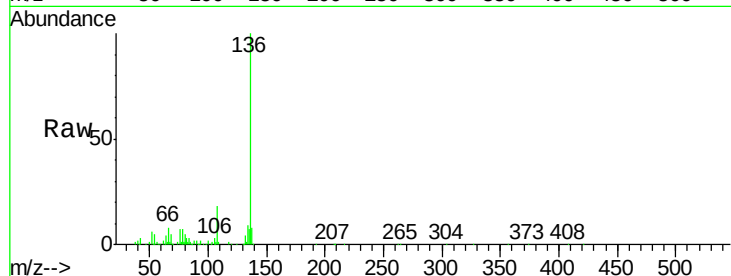




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

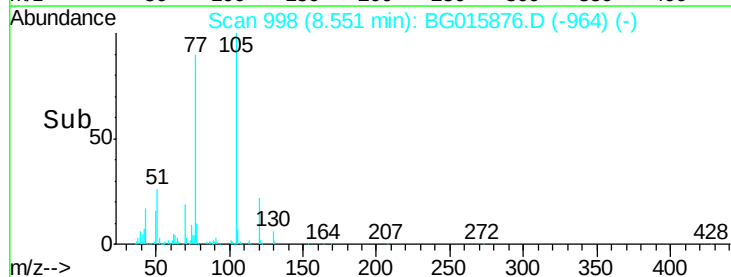
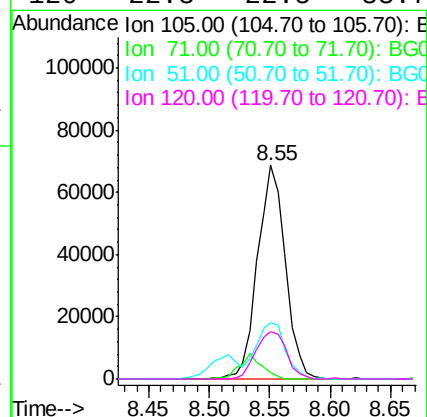
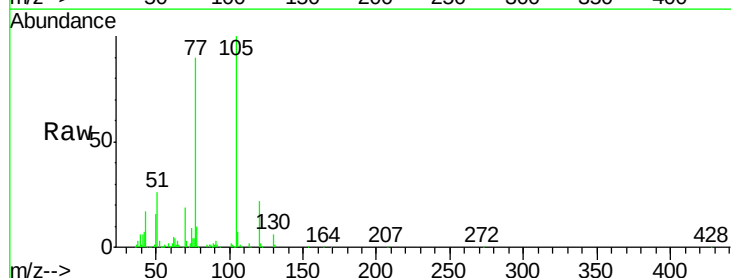
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

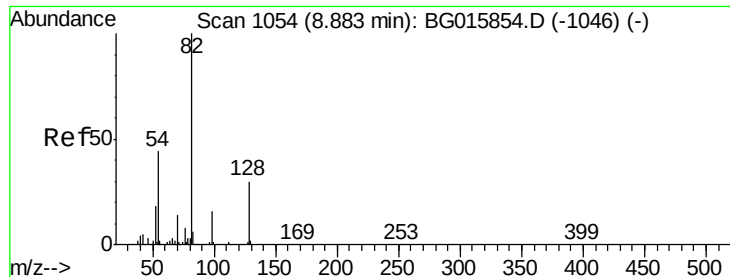
Tgt Ion:	136	Resp:	116887
Ion Ratio	Lower	Upper	
136	100		
137	8.3	9.6	14.4#
54	5.7	4.5	6.7
68	4.9	5.0	7.4#



#22
Acetophenone
Concen: 32.17 ng
RT: 8.55 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:	105	Resp:	110250
Ion Ratio	Lower	Upper	
105	100		
71	2.8	0.9	1.3#
51	26.5	21.4	32.2
120	22.3	22.5	33.7#

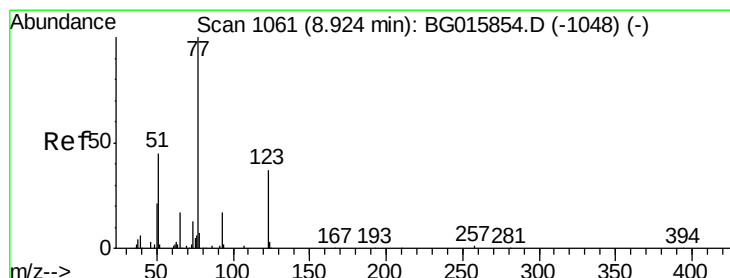
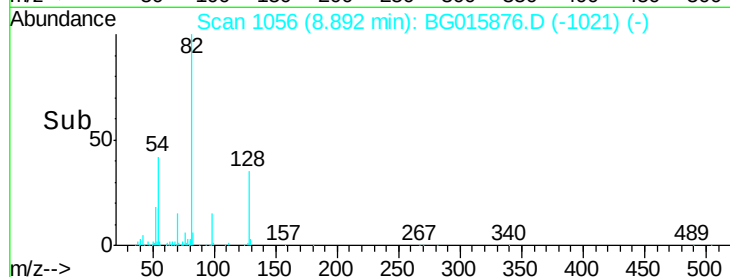
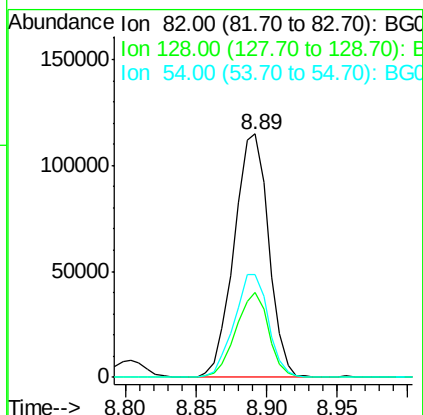
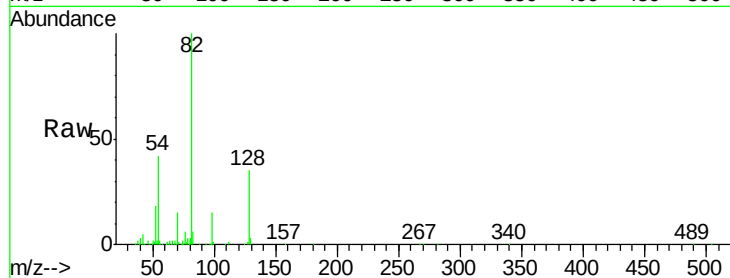




#23
 Nitrobenzene-d5
 Concen: 33.04 ng
 RT: 8.89 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

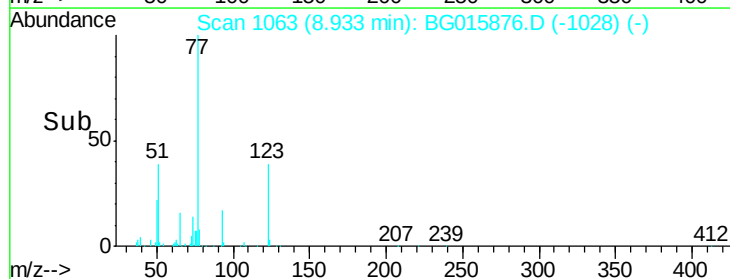
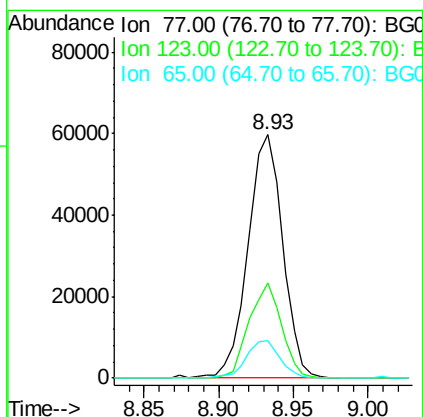
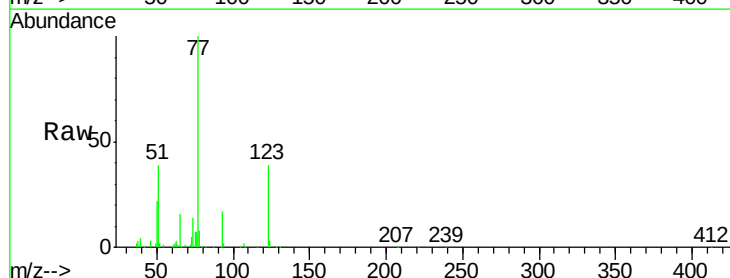
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

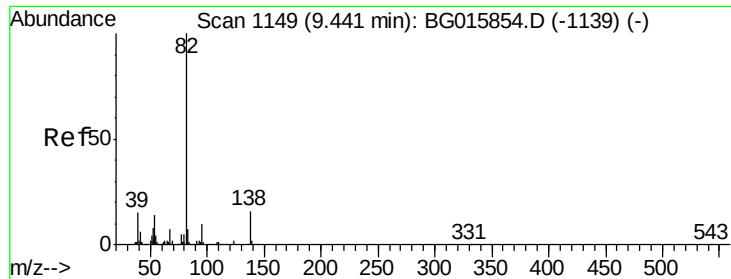
Tgt Ion: 82 Resp: 196818
 Ion Ratio Lower Upper
 82 100
 128 34.6 23.4 35.0
 54 42.4 32.3 48.5



#24
 Nitrobenzene
 Concen: 31.97 ng
 RT: 8.93 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion: 77 Resp: 95932
 Ion Ratio Lower Upper
 77 100
 123 39.1 27.0 40.4
 65 15.5 12.0 18.0





#25

Isophorone

Concen: 30.84 ng

RT: 9.45 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

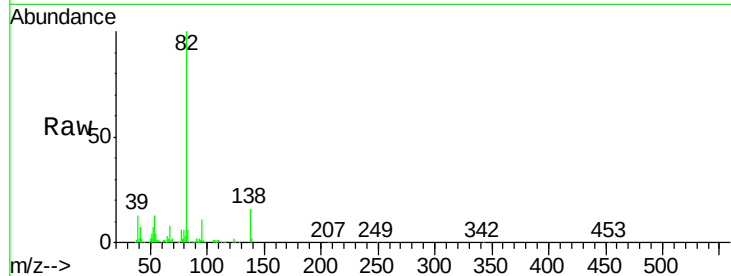
Tgt Ion: 82 Resp: 162908

Ion Ratio Lower Upper

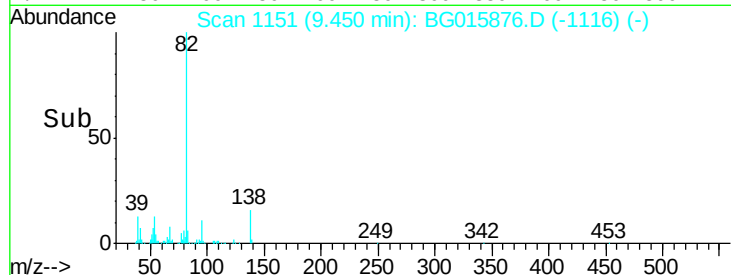
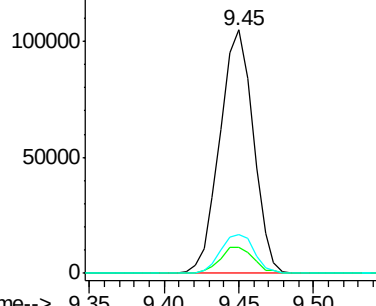
82 100

95 10.8 7.5 11.3

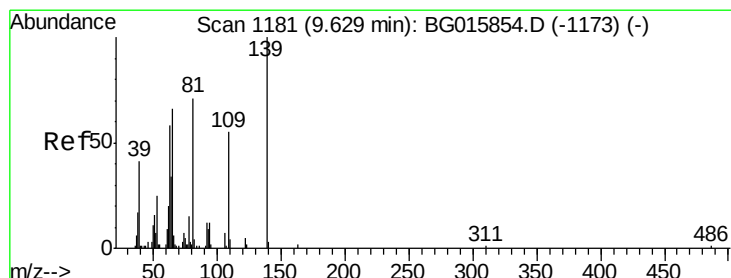
138 16.2 12.6 18.8



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



Time--> 9.35 9.40 9.45 9.50



#26

2-Nitrophenol

Concen: 32.26 ng

RT: 9.64 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

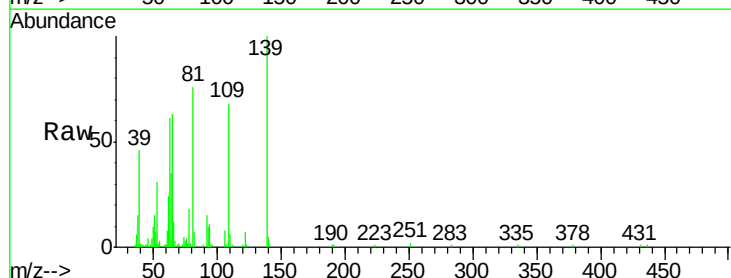
Tgt Ion: 139 Resp: 37095

Ion Ratio Lower Upper

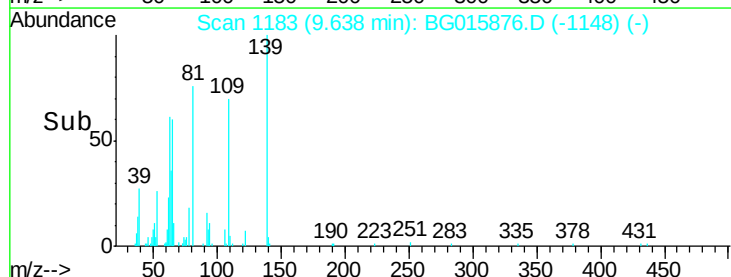
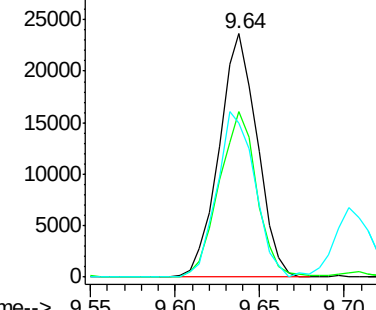
139 100

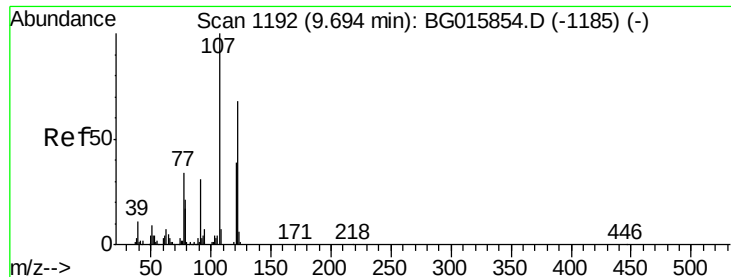
109 68.1 47.0 70.4

65 63.1 48.5 72.7



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





#27

2,4-Dimethylphenol

Concen: 33.34 ng

RT: 9.71 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

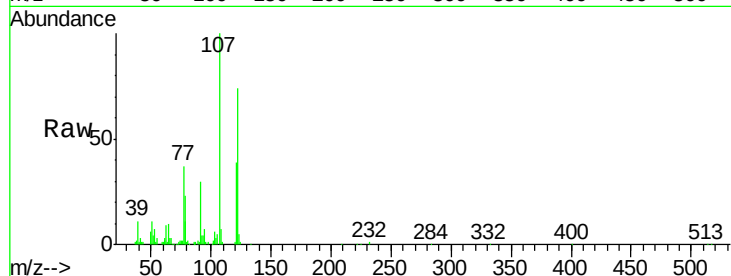
Tgt Ion:122 Resp: 64141

Ion Ratio Lower Upper

122 100

107 135.5 120.8 181.2

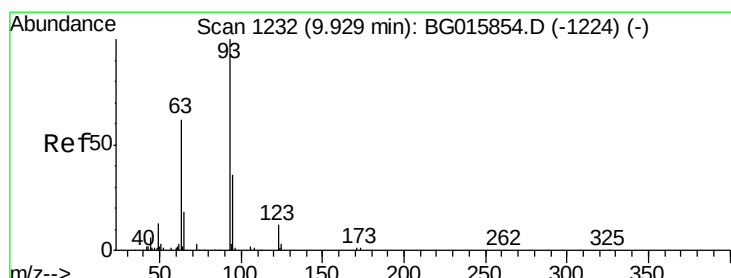
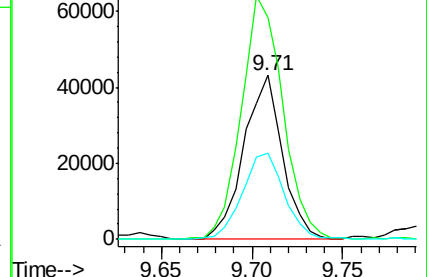
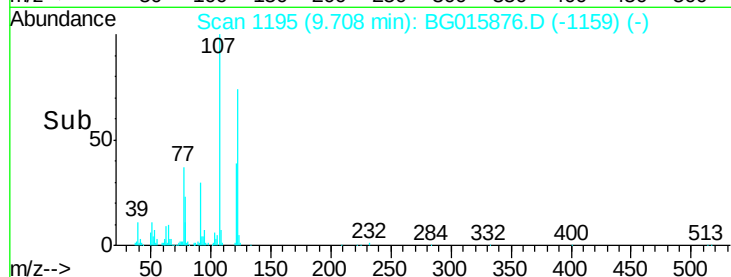
121 52.5 41.2 61.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.35 ng

RT: 9.93 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

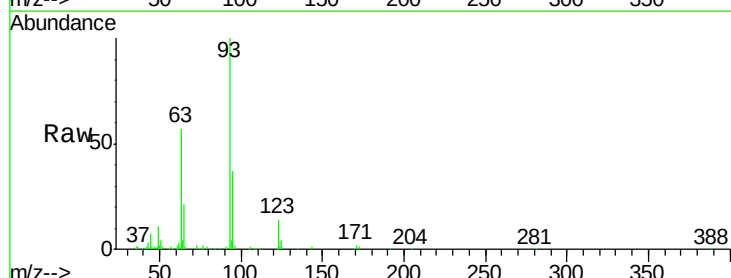
Tgt Ion: 93 Resp: 84325

Ion Ratio Lower Upper

93 100

95 37.0 27.5 41.3

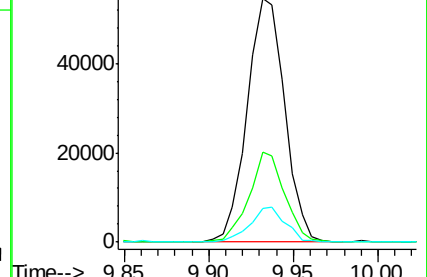
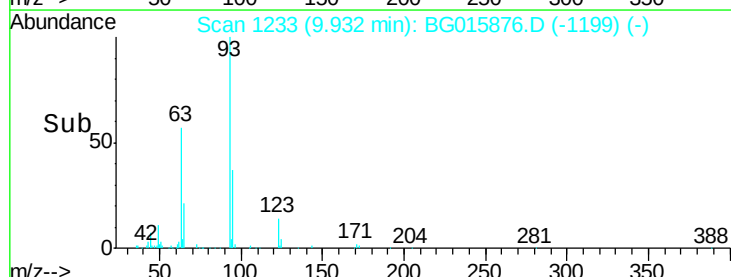
123 13.9 9.1 13.7#

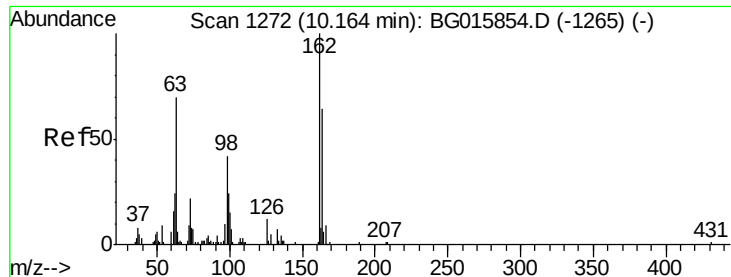


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

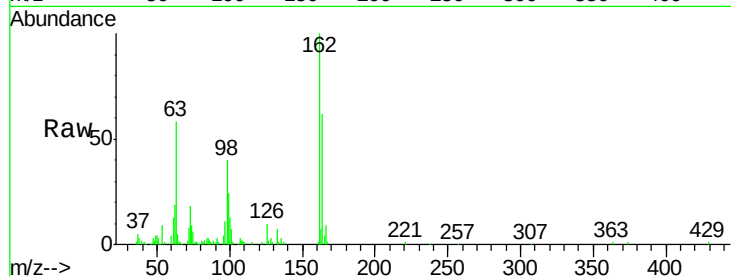




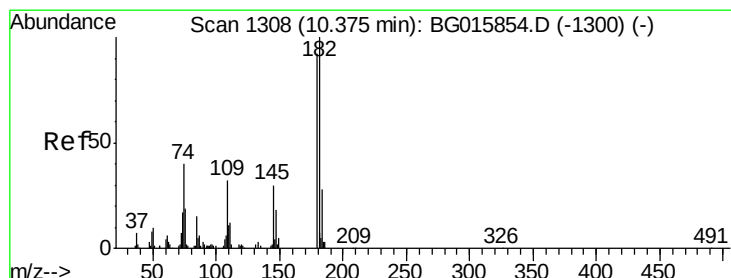
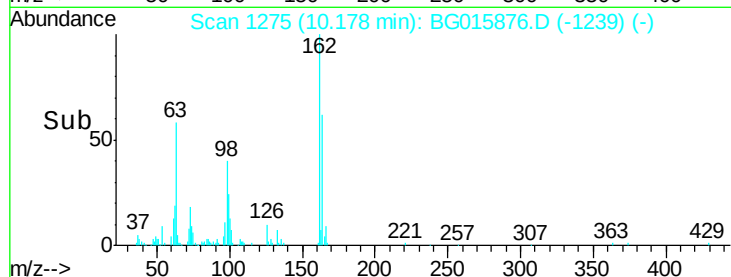
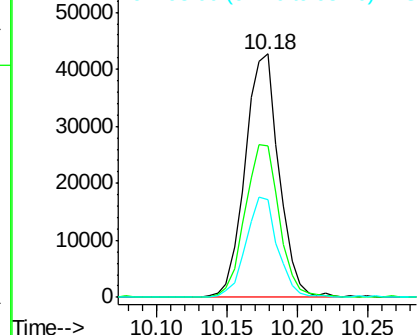
#29
 2,4-Dichlorophenol
 Concen: 36.93 ng
 RT: 10.18 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:162 Resp: 71763
 Ion Ratio Lower Upper
 162 100
 164 62.3 44.0 84.0
 98 40.1 24.2 64.2

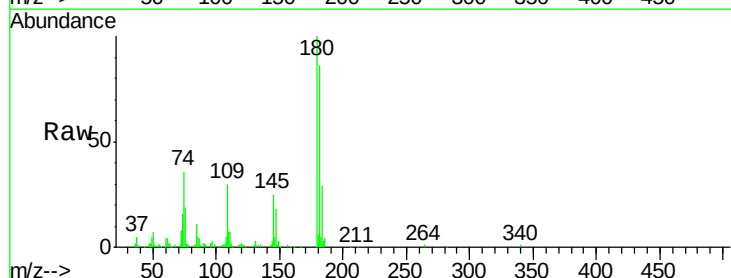


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

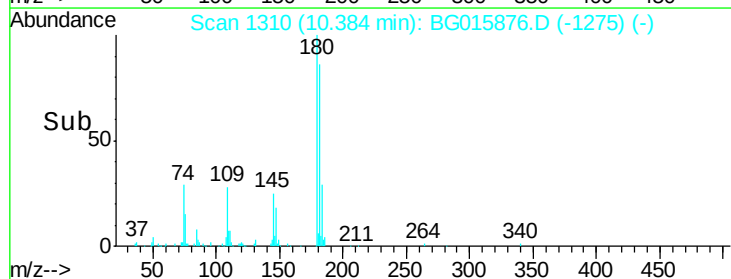
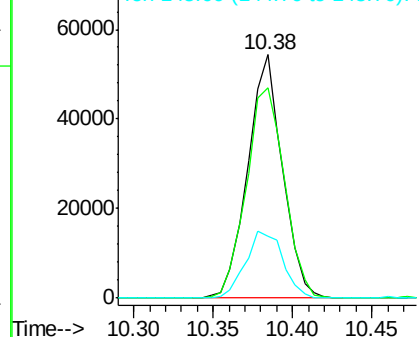


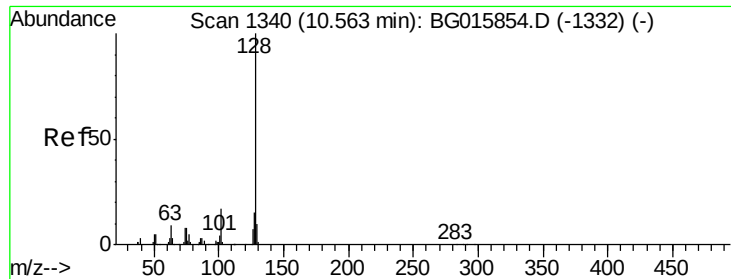
#30
 1,2,4-Trichlorobenzene
 Concen: 32.42 ng
 RT: 10.38 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:180 Resp: 82529
 Ion Ratio Lower Upper
 180 100
 182 86.1 84.8 127.2
 145 25.4 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

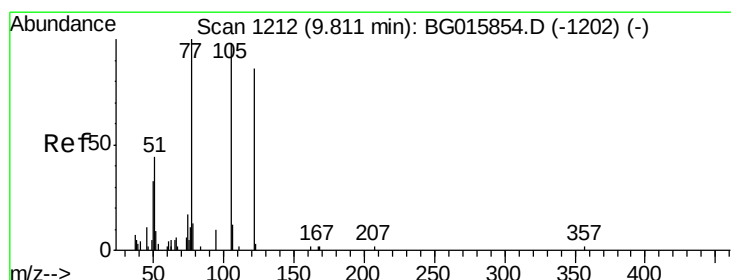
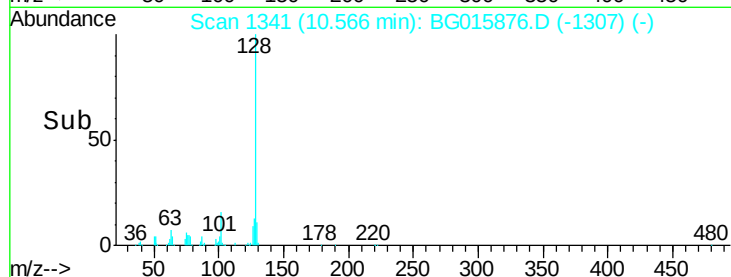
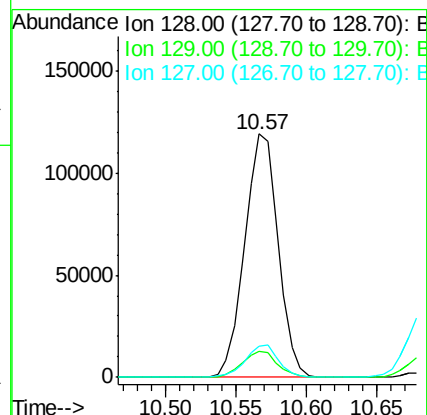
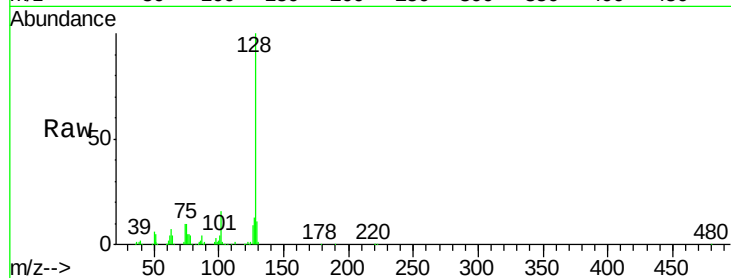




#31
Naphthalene
Concen: 31.95 ng
RT: 10.57 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

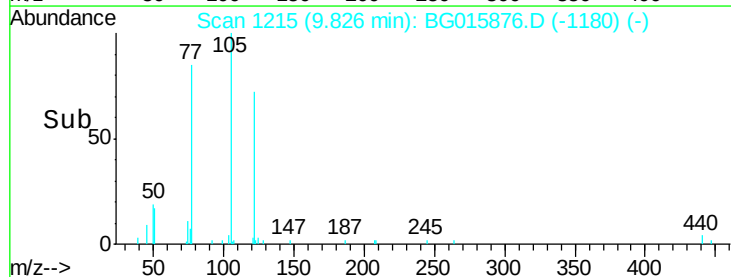
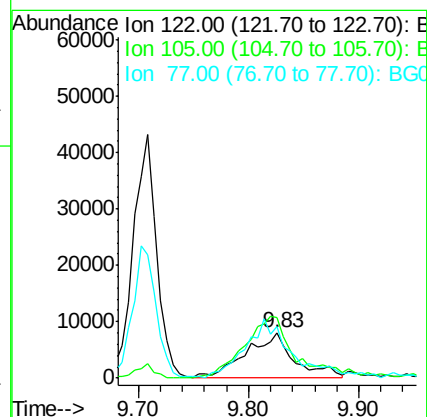
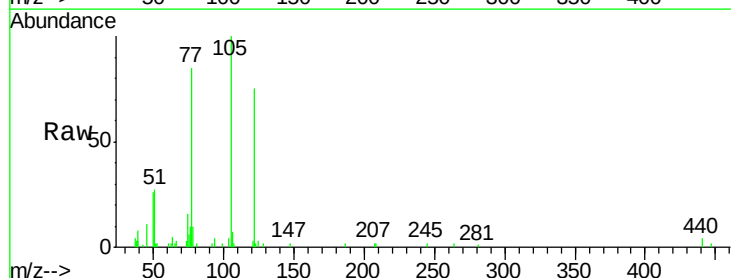
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

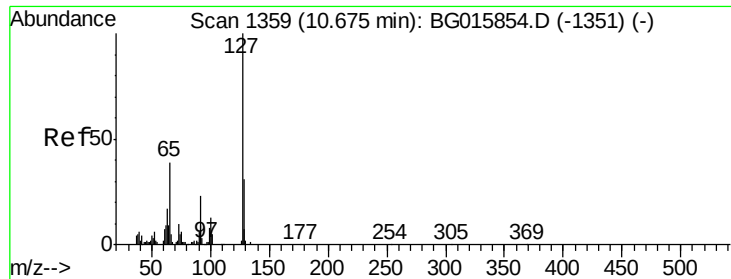
Tgt Ion:128 Resp: 197766
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 30.26 ng
RT: 9.83 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:122 Resp: 25080
Ion Ratio Lower Upper
122 100
105 130.4 123.7 163.7
77 110.3 92.4 132.4

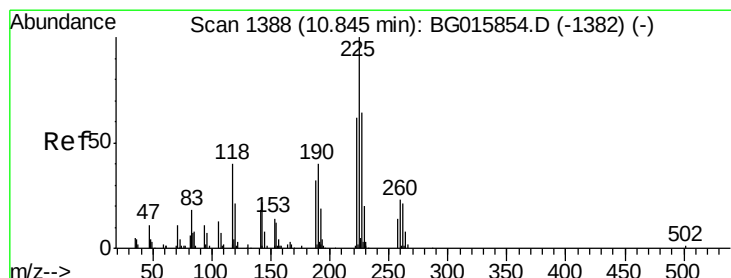
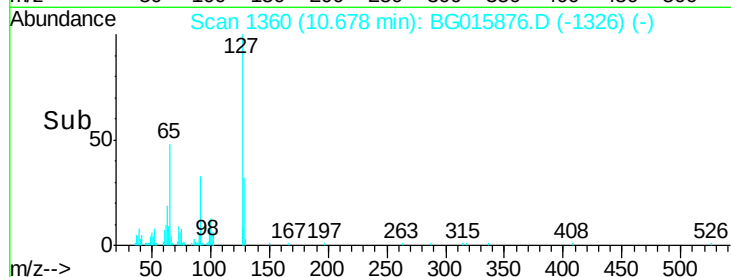
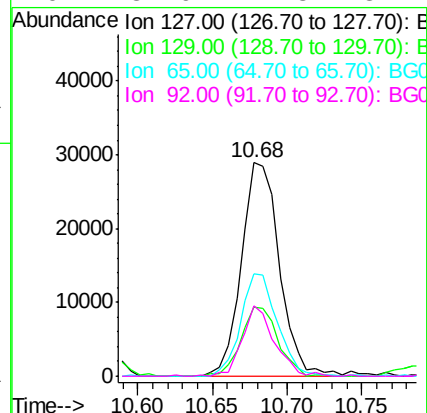
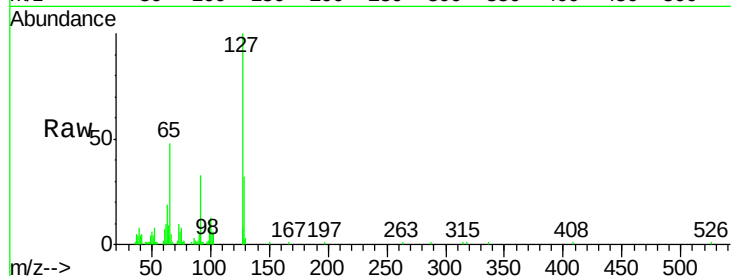




#33
4-Chloroaniline
Concen: 20.22 ng
RT: 10.68 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

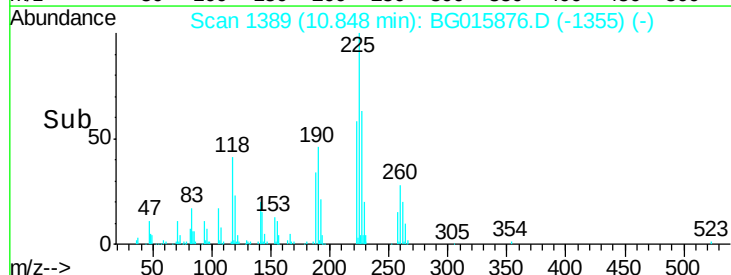
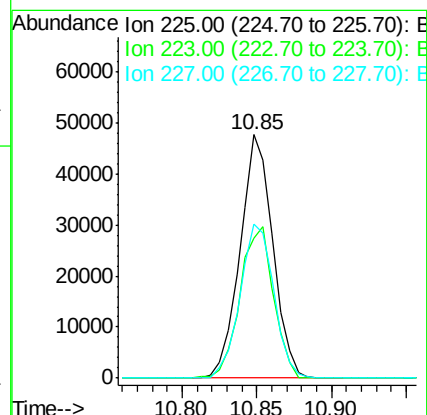
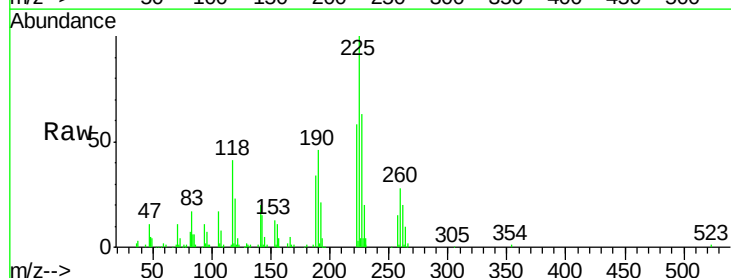
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

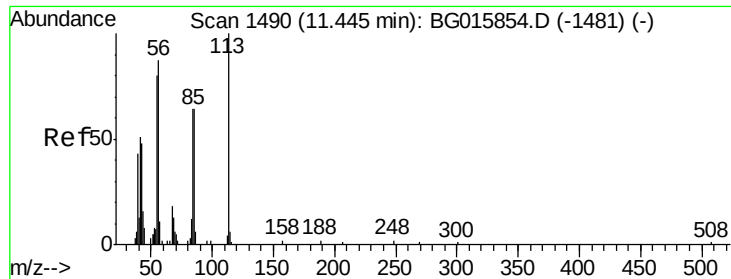
Tgt Ion:	127	Resp:	50983
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.0	37.6
65	47.9	33.3	49.9
92	32.9	22.8	34.2



#34
Hexachlorobutadiene
Concen: 30.61 ng
RT: 10.85 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:	225	Resp:	72414
Ion	Ratio	Lower	Upper
225	100		
223	58.2	54.6	81.8
227	64.7	50.4	75.6





#35

Caprolactam

Concen: 32.37 ng

RT: 11.47 min Scan# 1494

Delta R.T. 0.02 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

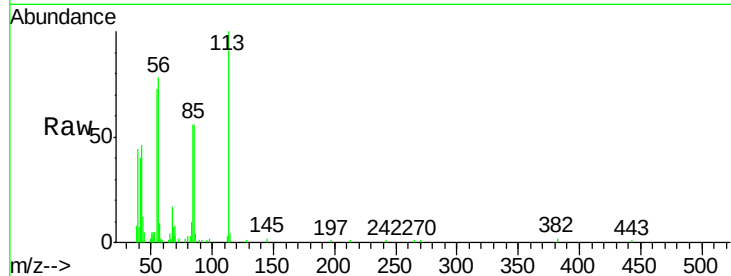
Tgt Ion:113 Resp: 27661

Ion Ratio Lower Upper

113 100

55 72.6 71.3 111.3

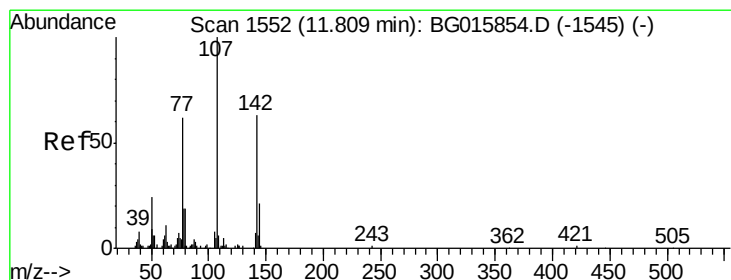
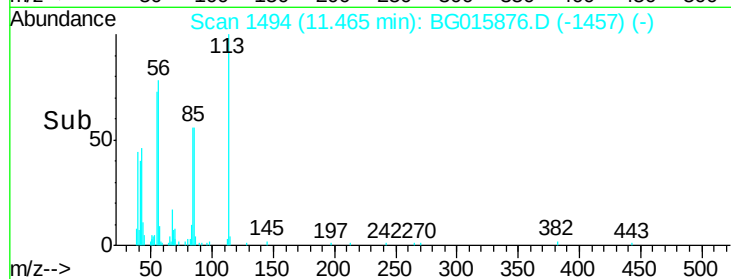
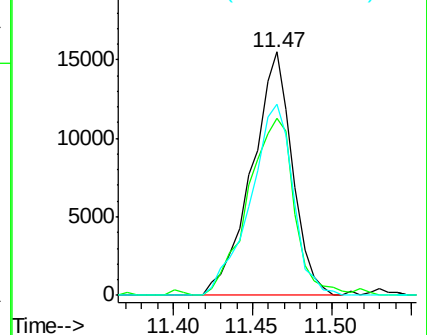
56 78.4 76.0 116.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.73 ng

RT: 11.82 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

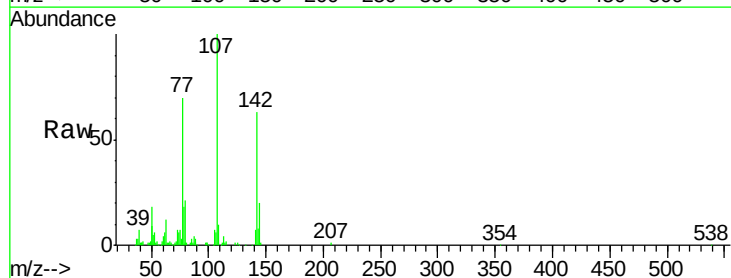
Tgt Ion:107 Resp: 85407

Ion Ratio Lower Upper

107 100

144 19.8 18.2 27.2

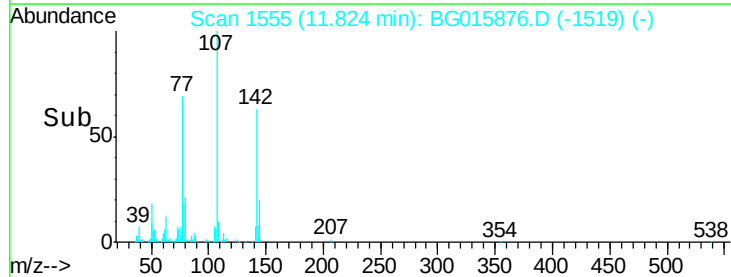
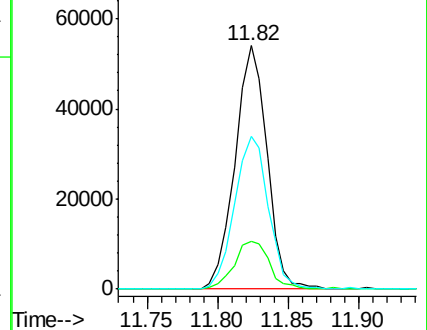
142 62.7 54.7 82.1

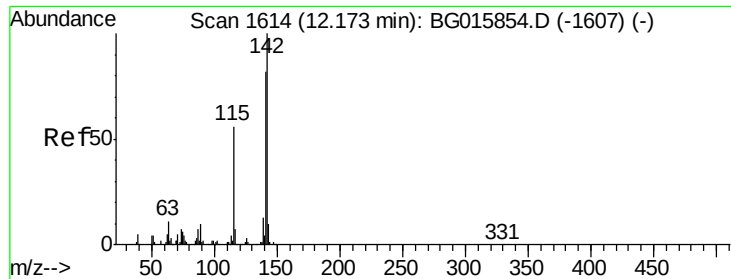


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.23 ng

RT: 12.18 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

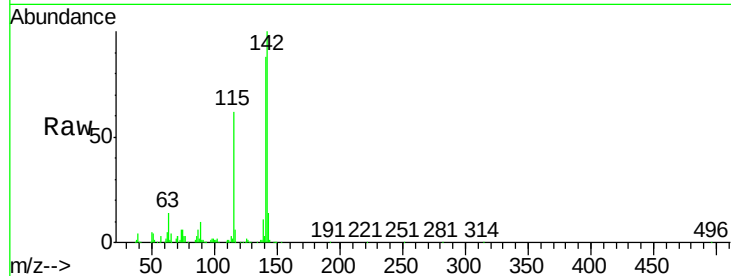
Tgt Ion:142 Resp: 149350

Ion Ratio Lower Upper

142 100

141 87.7 67.3 100.9

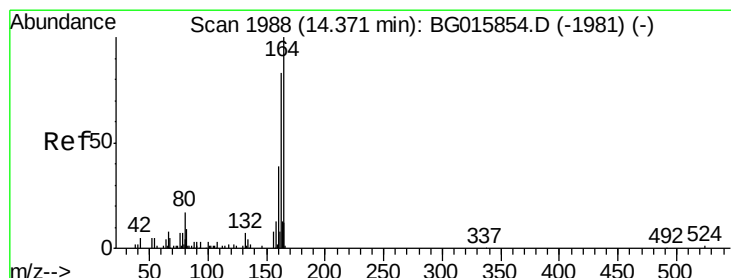
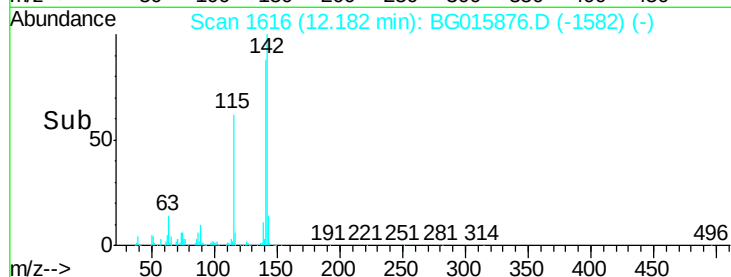
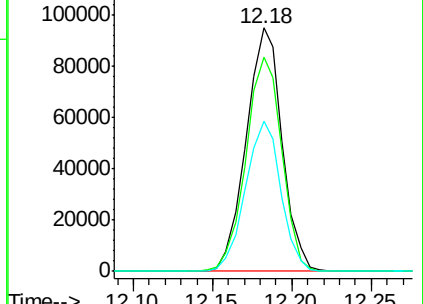
115 61.9 44.3 66.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

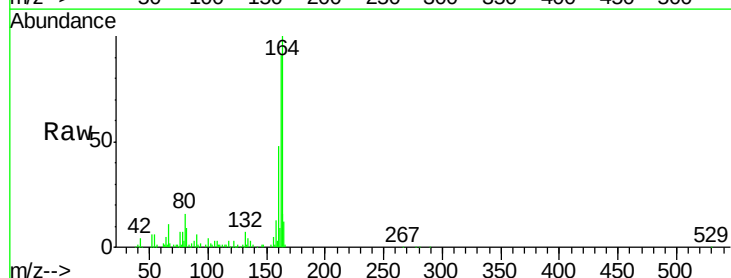
Tgt Ion:164 Resp: 86211

Ion Ratio Lower Upper

164 100

162 90.5 75.5 113.3

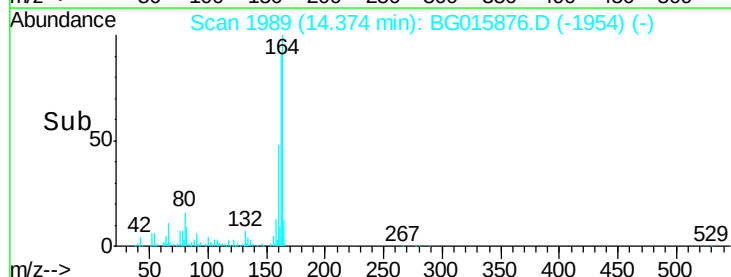
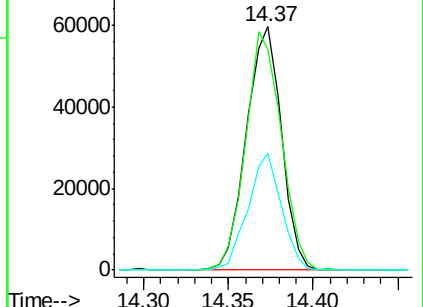
160 47.9 37.4 56.0

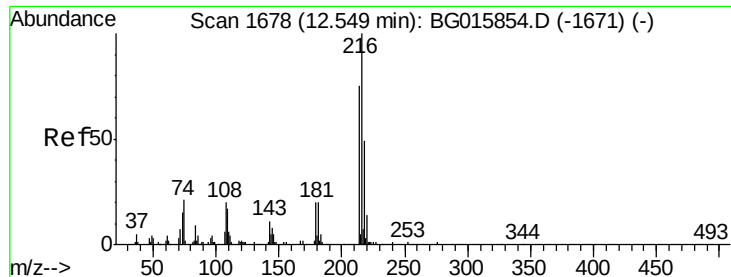


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

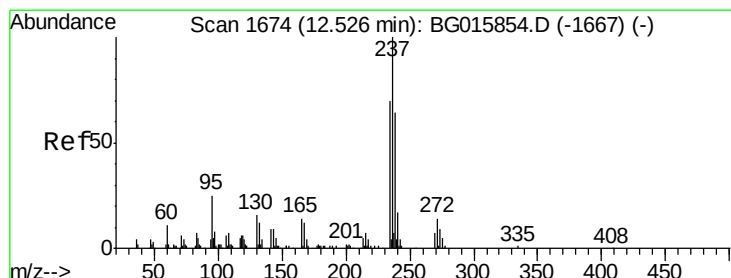
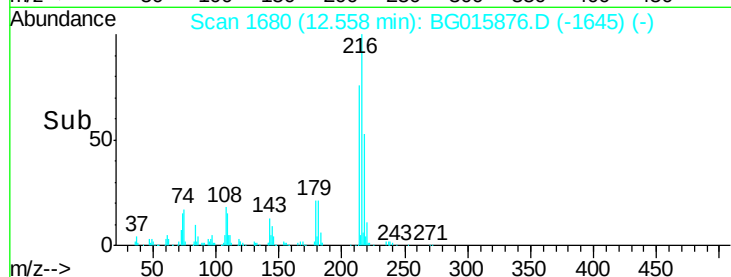
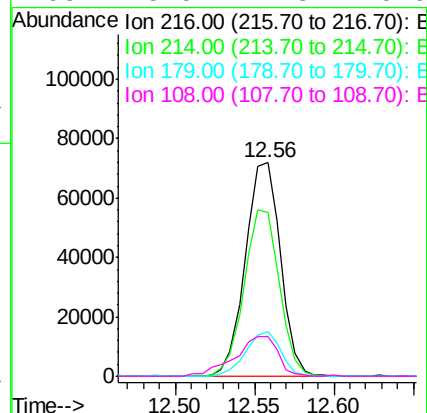
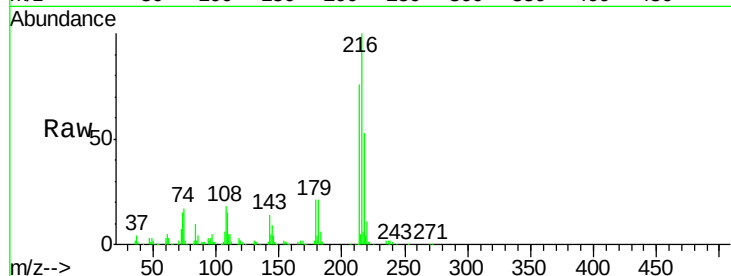




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.49 ng
 RT: 12.56 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

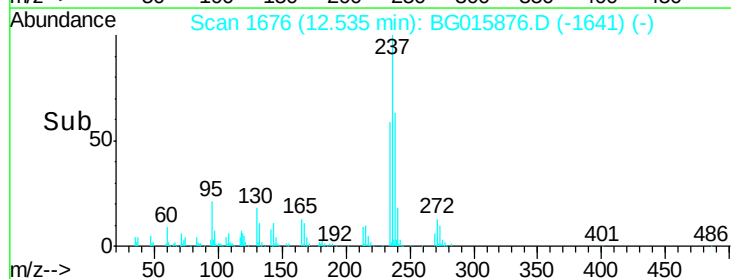
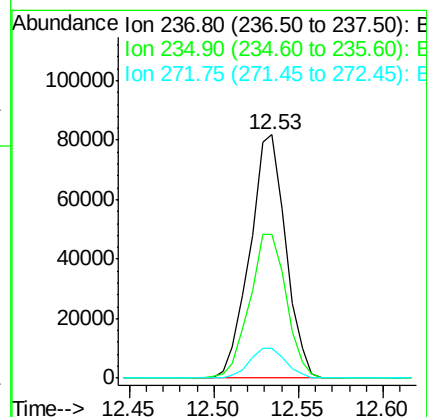
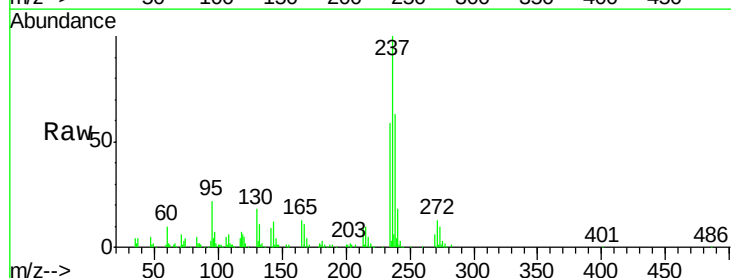
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

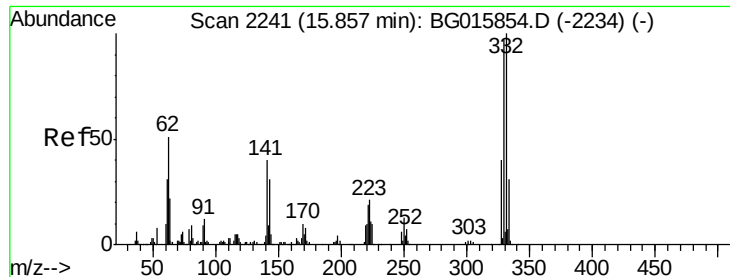
Tgt Ion:	216	Resp:	110596
Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	20.7	15.8	23.8
108	23.0	17.8	26.6



#40
 Hexachlorocyclopentadiene
 Concen: 49.42 ng
 RT: 12.53 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:	237	Resp:	121122
Ion	Ratio	Lower	Upper
237	100		
235	59.1	43.2	83.2
272	12.5	0.0	31.1

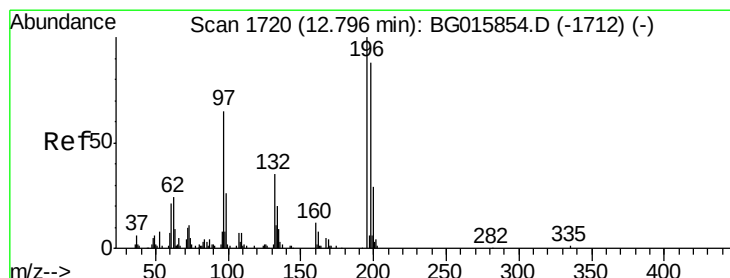
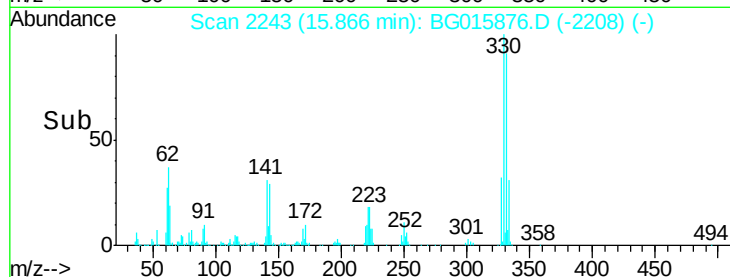
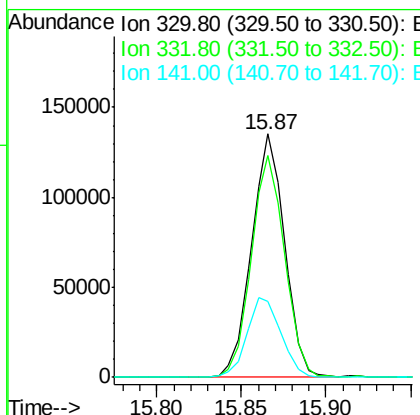
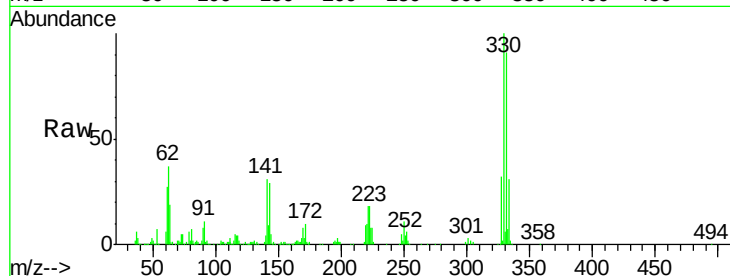




#41
 2,4,6-Tribromophenol
 Concen: 56.14 ng
 RT: 15.87 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

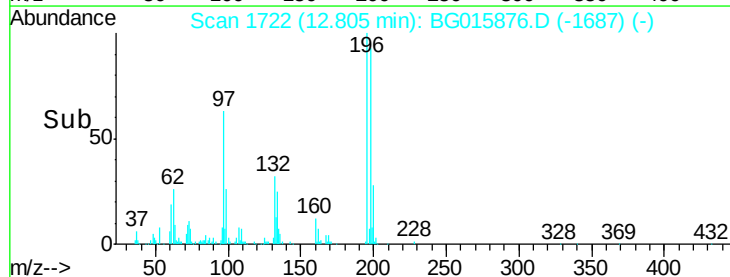
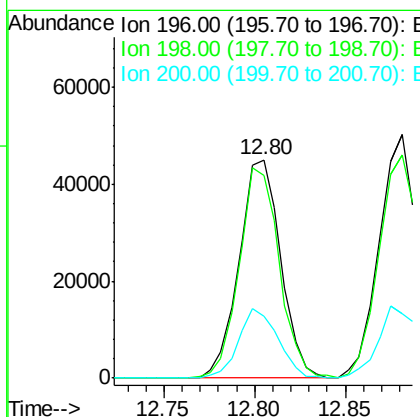
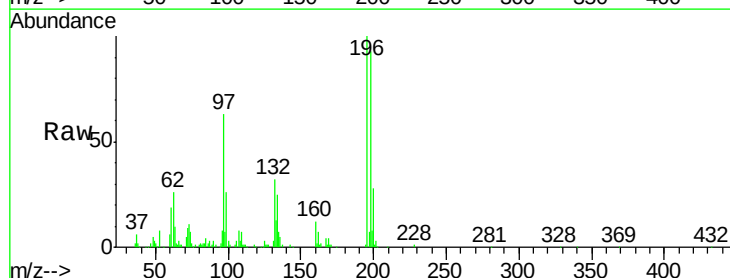
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

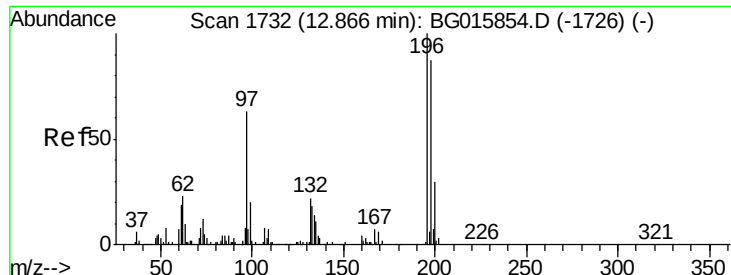
Tgt Ion:330 Resp: 183993
 Ion Ratio Lower Upper
 330 100
 332 91.8 73.8 110.8
 141 33.7 27.2 40.8



#42
 2,4,6-Trichlorophenol
 Concen: 36.42 ng
 RT: 12.80 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:196 Resp: 71671
 Ion Ratio Lower Upper
 196 100
 198 92.7 80.2 120.4
 200 28.2 26.7 40.1

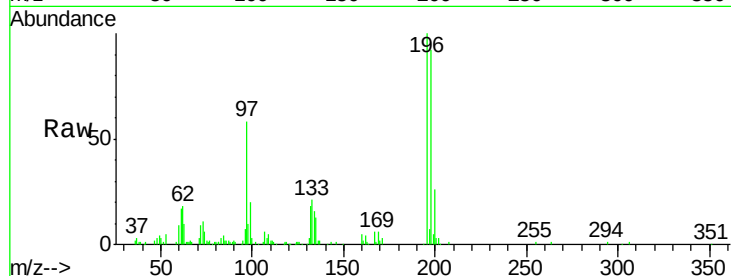




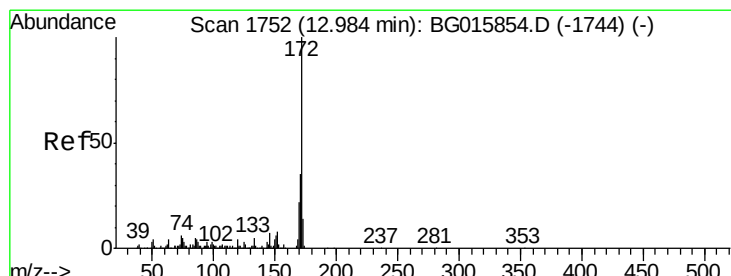
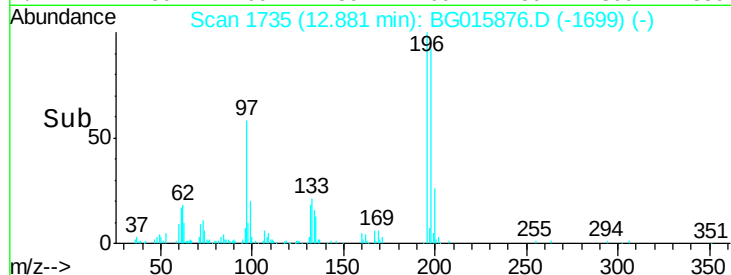
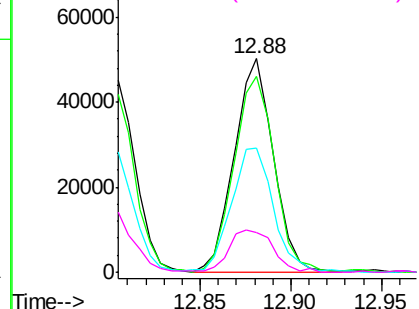
#43
 2,4,5-Trichlorophenol
 Concen: 35.01 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:196 Resp: 75459
 Ion Ratio Lower Upper
 196 100
 198 91.9 76.2 114.4
 97 58.3 49.6 74.4
 132 18.4 18.2 27.2

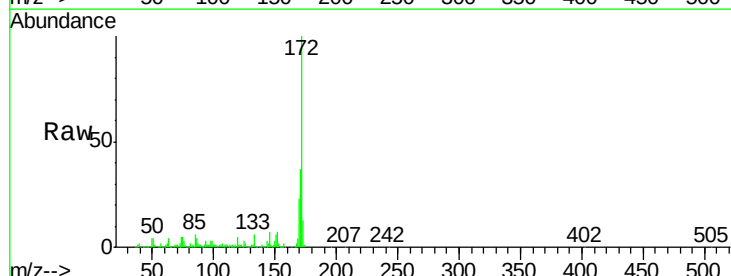


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

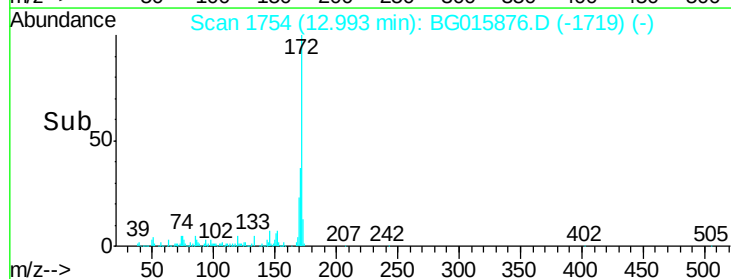
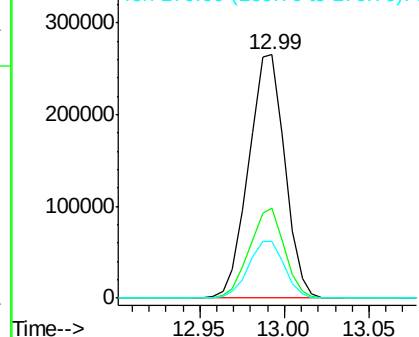


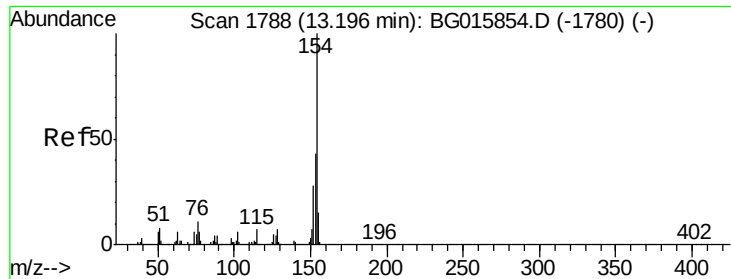
#44
 2-Fluorobiphenyl
 Concen: 32.78 ng
 RT: 12.99 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:172 Resp: 395634
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 23.4 18.2 27.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

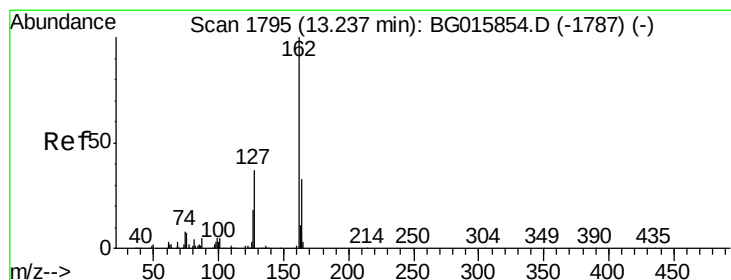
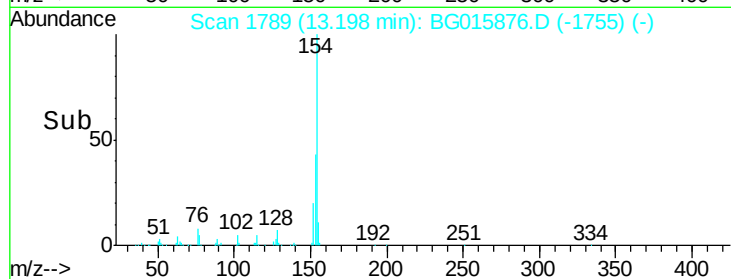
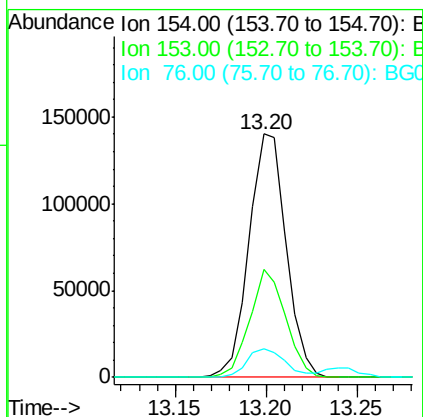
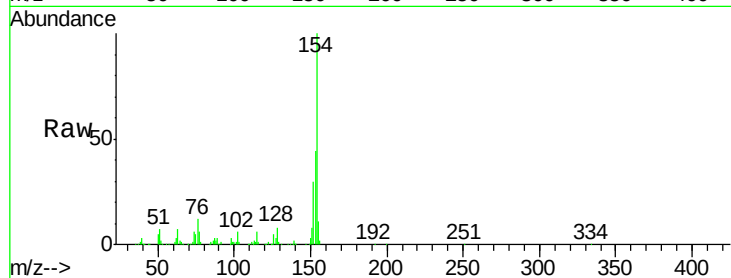




#45
 1,1'-Biphenyl
 Concen: 32.65 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

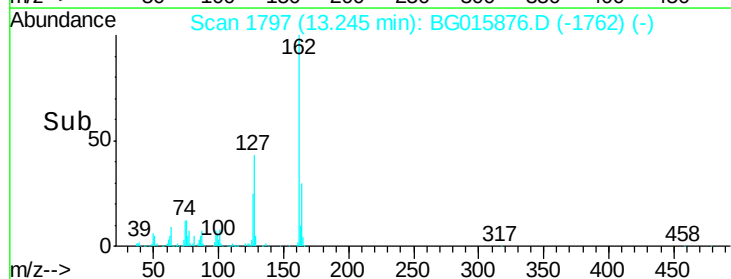
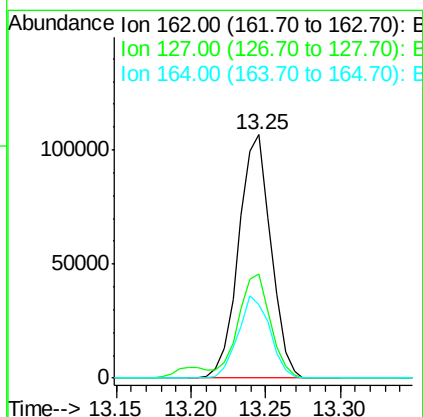
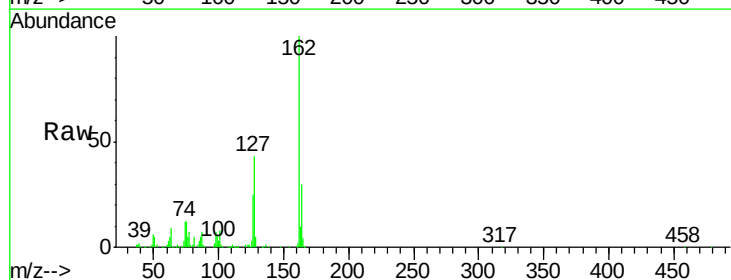
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

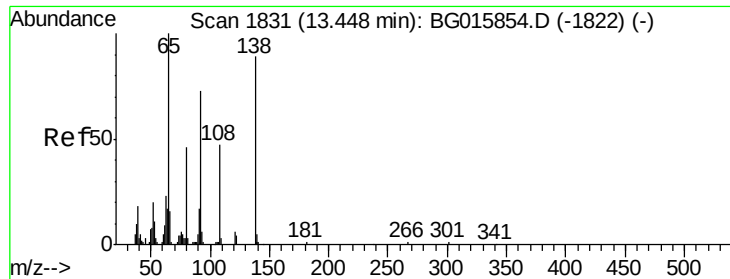
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	20.9	60.9
76	11.6	0.0	30.6



#46
 2-Chloronaphthalene
 Concen: 32.45 ng
 RT: 13.25 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	35.5	53.3
164	30.1	26.1	39.1





#47

2-Nitroaniline

Concen: 35.75 ng

RT: 13.45 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

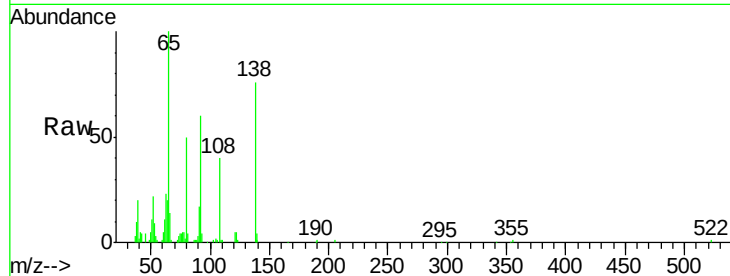
Tgt Ion: 65 Resp: 57341

Ion Ratio Lower Upper

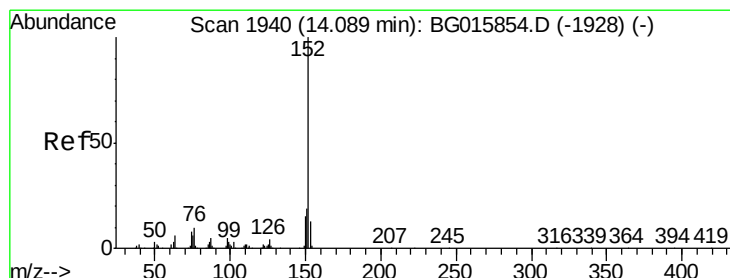
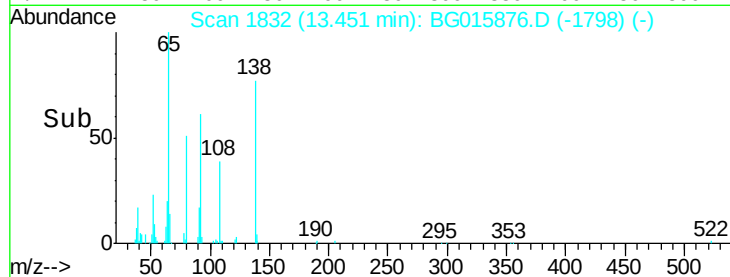
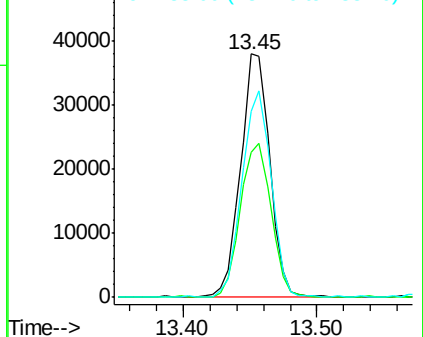
65 100

92 59.8 54.6 81.8

138 76.4 68.4 102.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 31.28 ng

RT: 14.09 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

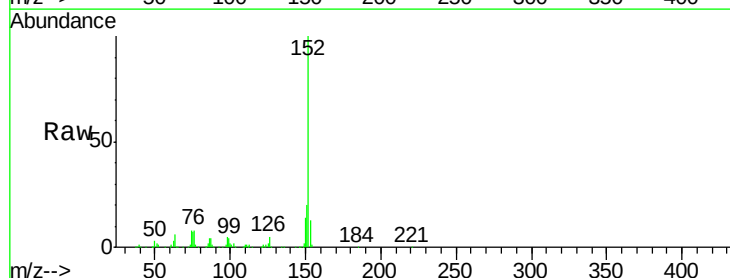
Tgt Ion: 152 Resp: 262383

Ion Ratio Lower Upper

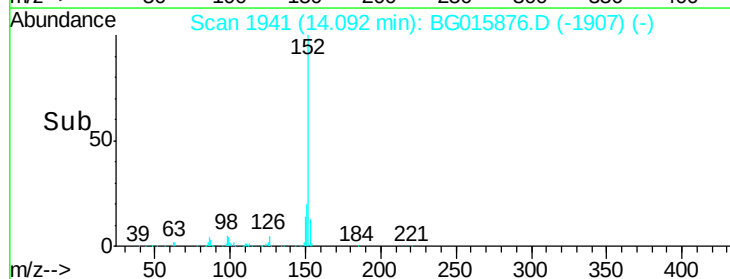
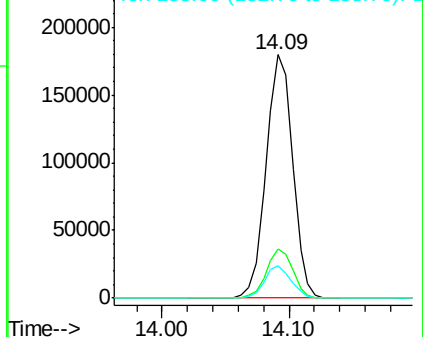
152 100

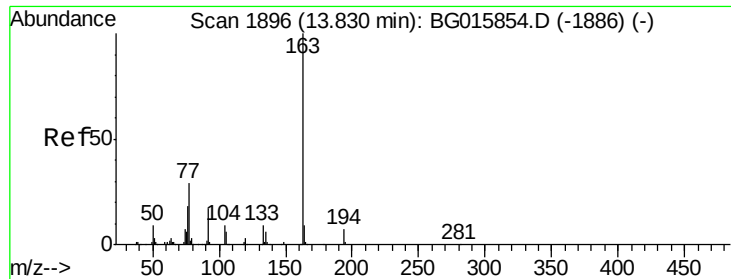
151 20.3 17.1 25.7

153 13.1 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: 37.78 ng

RT: 13.83 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

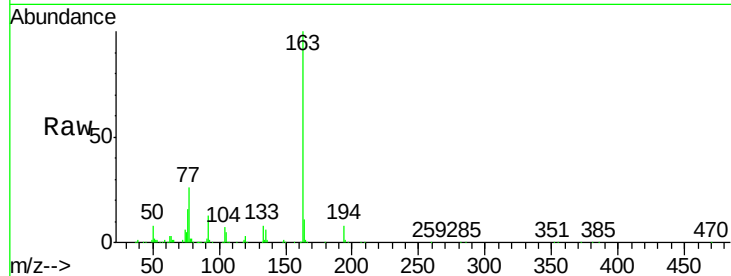
Tgt Ion:163 Resp: 240341

Ion Ratio Lower Upper

163 100

194 7.8 6.7 10.1

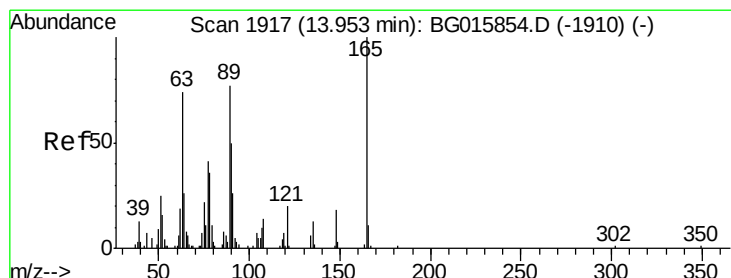
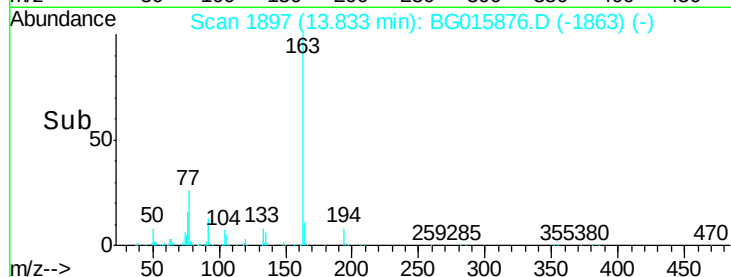
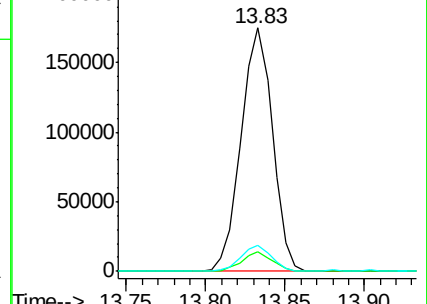
164 10.6 7.4 11.0



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: 32.52 ng

RT: 13.96 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

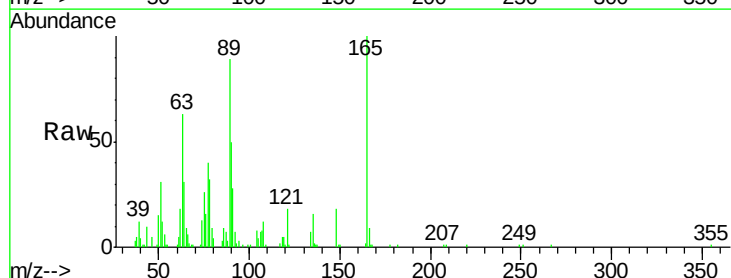
Tgt Ion:165 Resp: 44615

Ion Ratio Lower Upper

165 100

63 63.0 55.9 83.9

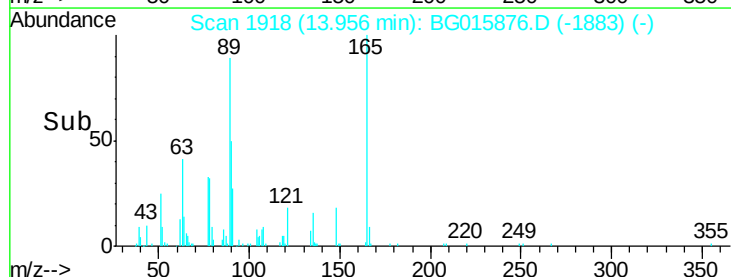
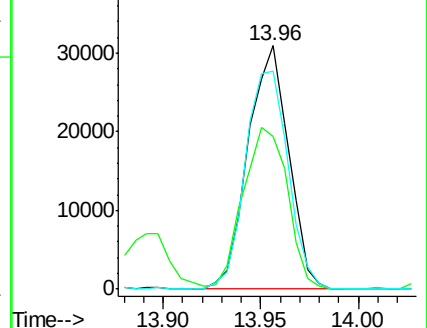
89 89.5 69.4 104.2

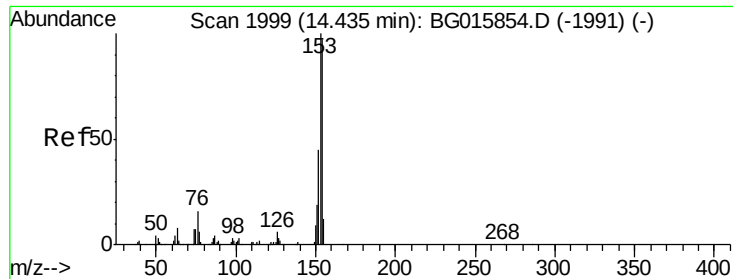


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.58 ng

RT: 14.44 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

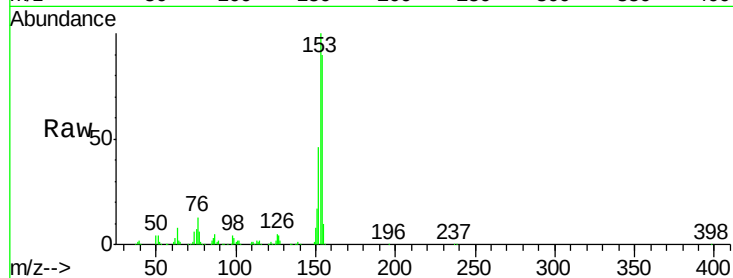
Tgt Ion:154 Resp: 160559

Ion Ratio Lower Upper

154 100

153 110.6 94.1 141.1

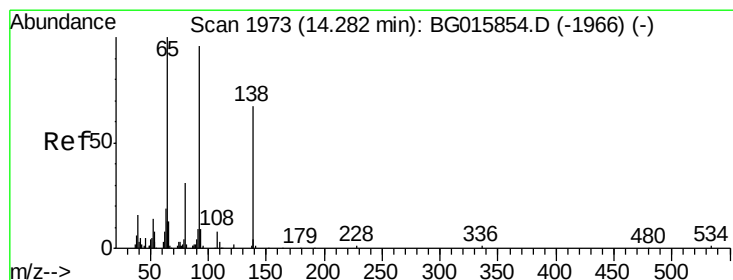
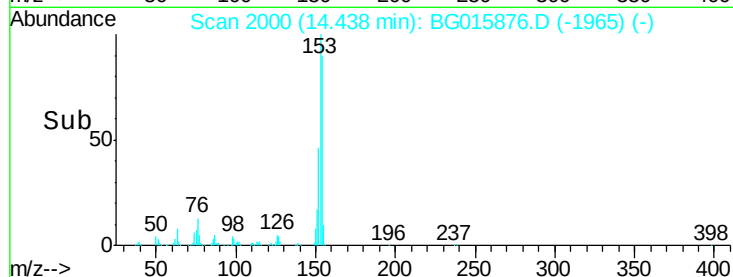
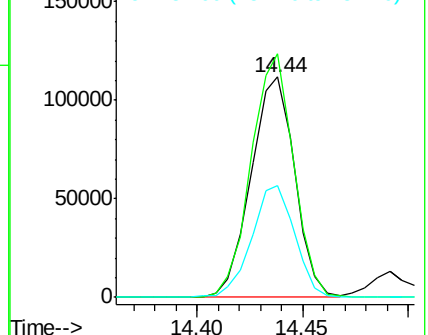
152 50.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.07 ng

RT: 14.29 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

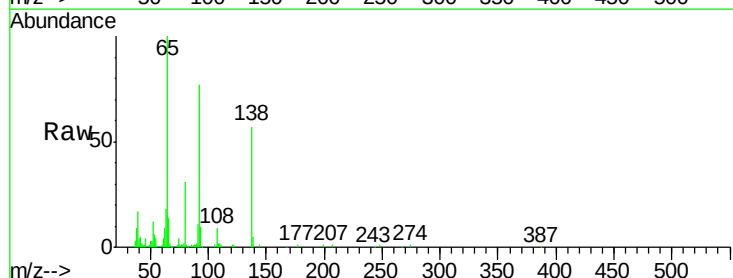
Tgt Ion:138 Resp: 36626

Ion Ratio Lower Upper

138 100

108 15.5 11.9 17.9

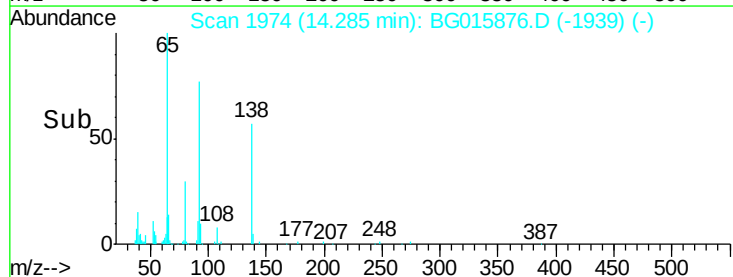
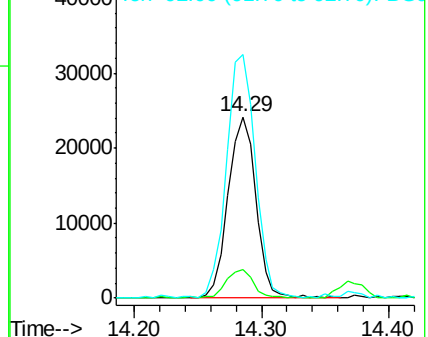
92 134.5 103.7 155.5

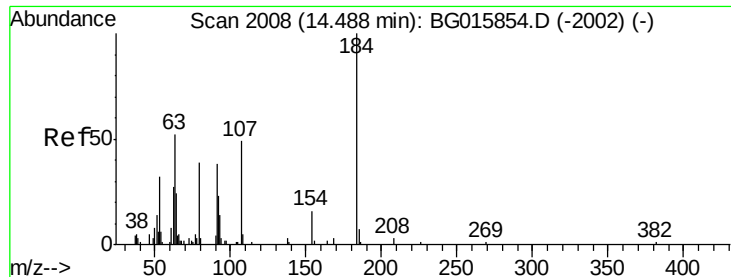


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

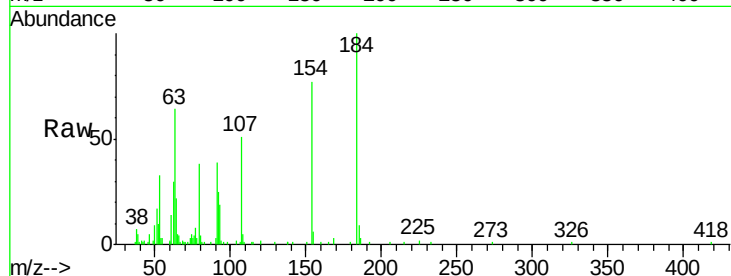




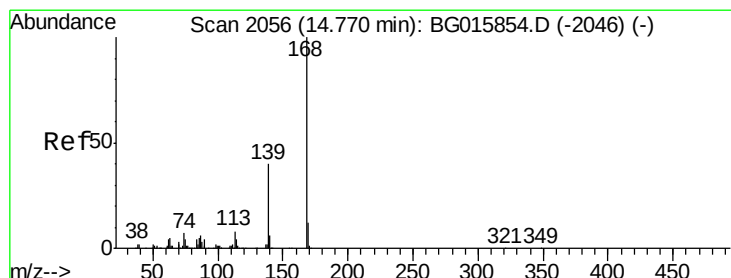
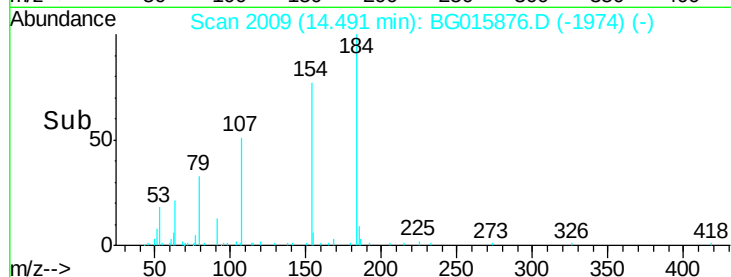
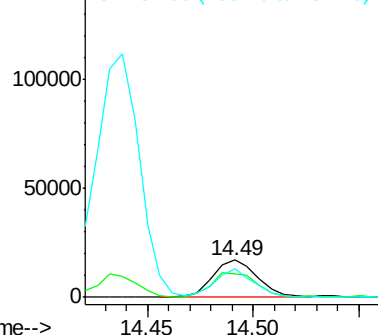
#53
2,4-Dinitrophenol
Concen: 32.03 ng
RT: 14.49 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

Tgt Ion:184 Resp: 25022
Ion Ratio Lower Upper
184 100
63 64.3 47.3 70.9
154 82.8 56.9 85.3

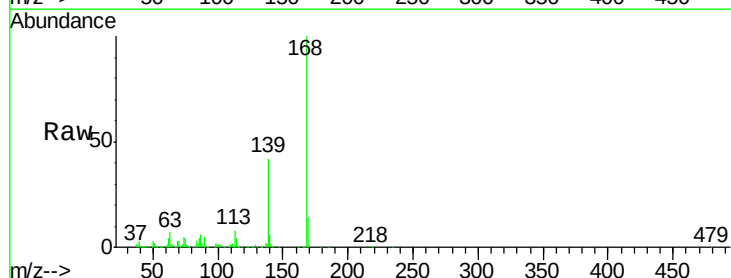


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

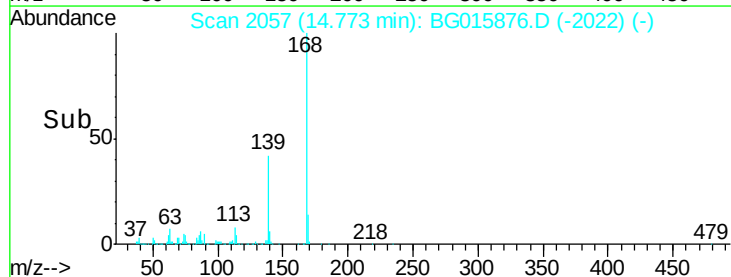
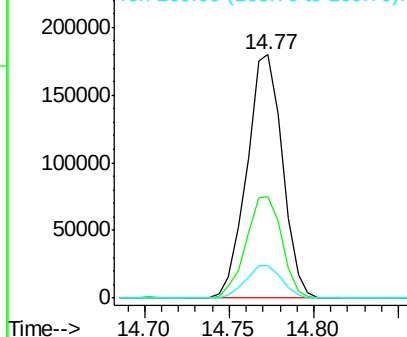


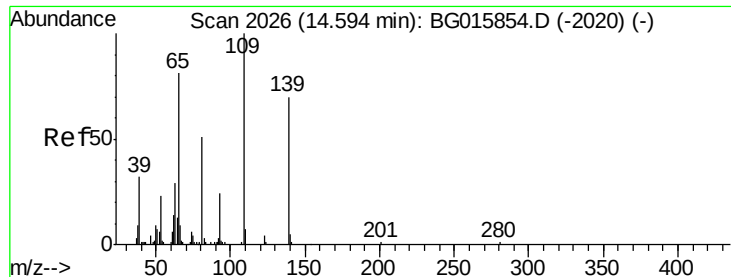
#54
Dibenzofuran
Concen: 32.95 ng
RT: 14.77 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:168 Resp: 263416
Ion Ratio Lower Upper
168 100
139 41.9 34.3 51.5
169 13.5 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: 64.41 ng

RT: 14.61 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

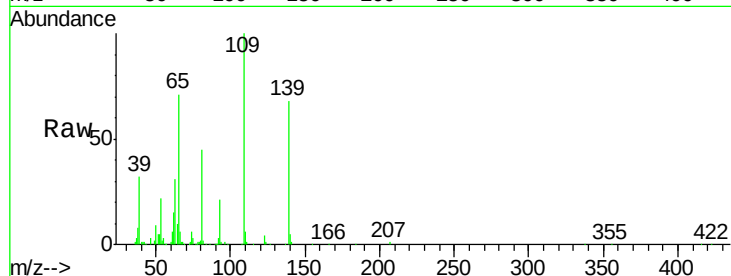
Tgt Ion:139 Resp: 69240

Ion Ratio Lower Upper

139 100

109 147.8 144.0 184.0

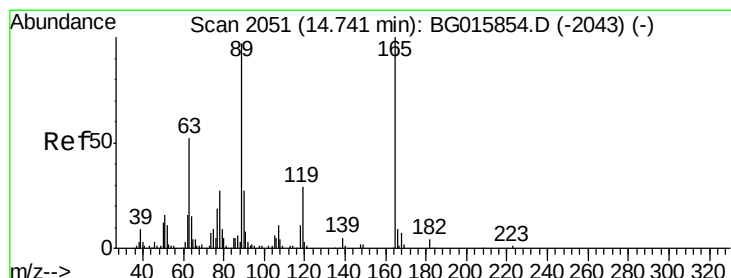
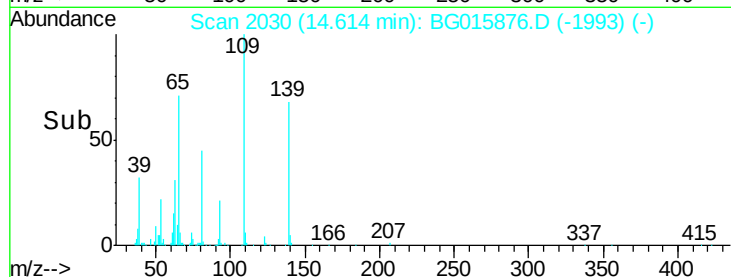
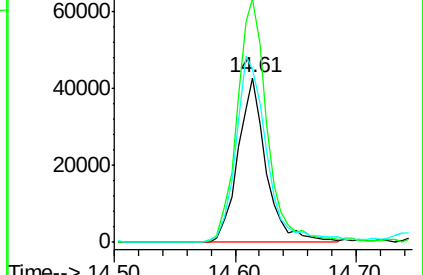
65 105.3 115.4 155.4#



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): BGC



#56

2,4-Dinitrotoluene

Concen: 33.77 ng

RT: 14.74 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Tgt Ion:165 Resp: 66724

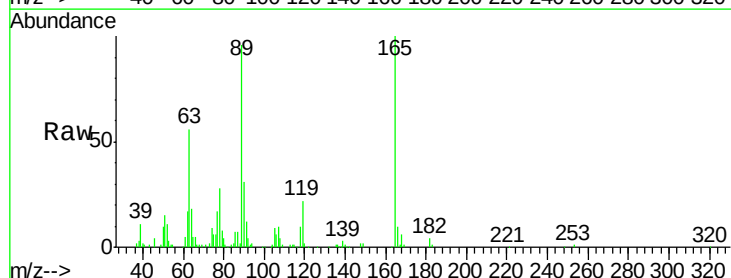
Ion Ratio Lower Upper

165 100

63 55.7 37.9 56.9

89 96.0 78.9 118.3

182 3.6 4.4 6.6#

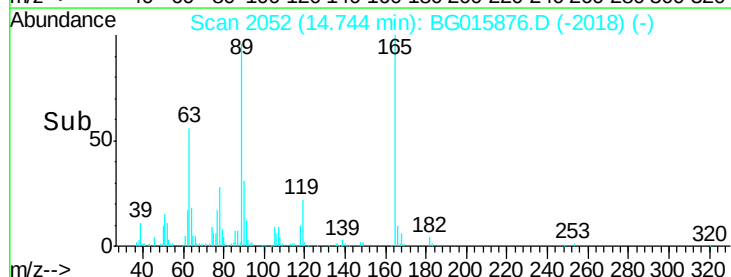
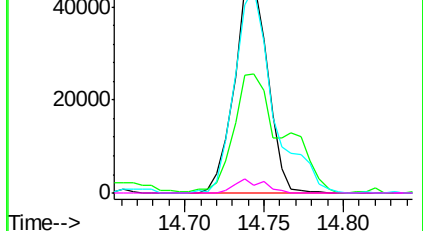


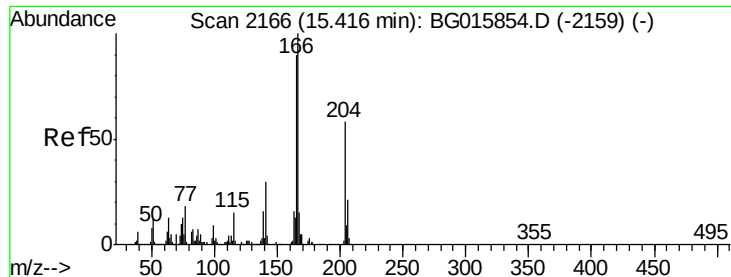
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.91 ng

RT: 15.42 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

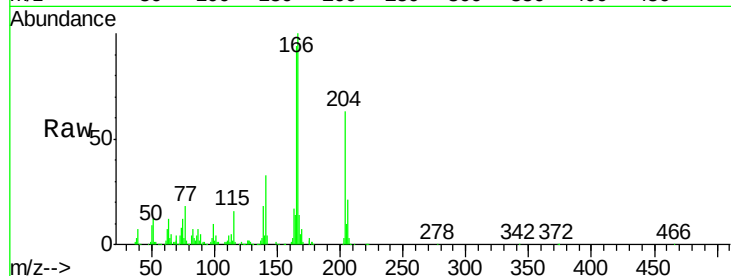
Tgt Ion:166 Resp: 207916

Ion Ratio Lower Upper

166 100

165 93.8 77.7 116.5

167 13.9 11.2 16.8

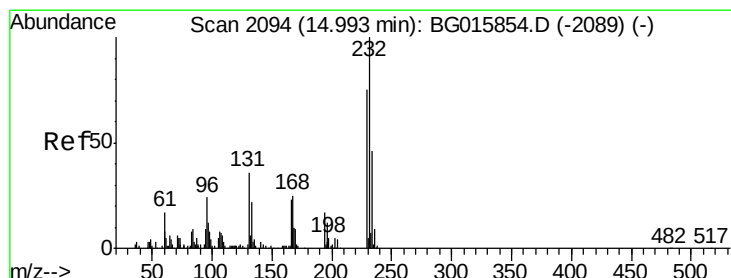
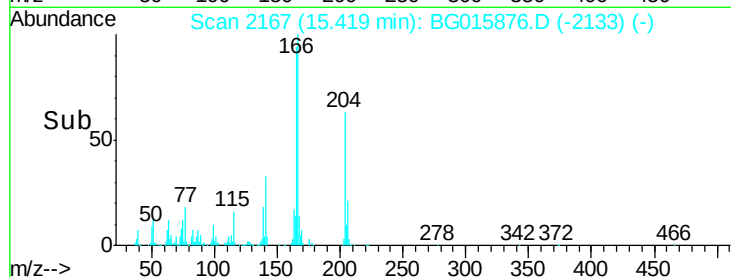
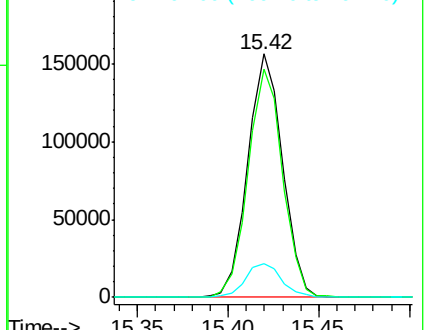


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.53 ng

RT: 15.00 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Tgt Ion:232 Resp: 81540

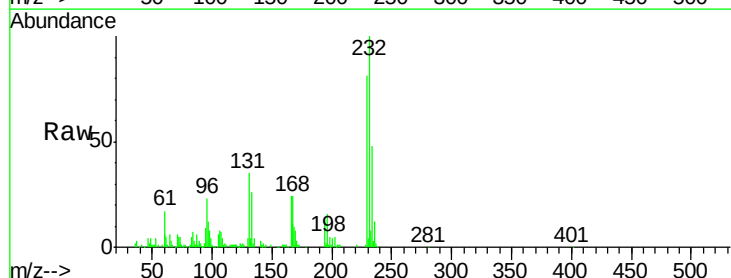
Ion Ratio Lower Upper

232 100

131 37.9 31.3 46.9

130 3.4 2.2 3.4#

166 22.9 19.5 29.3



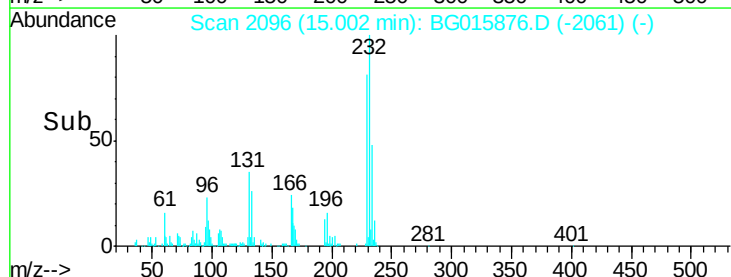
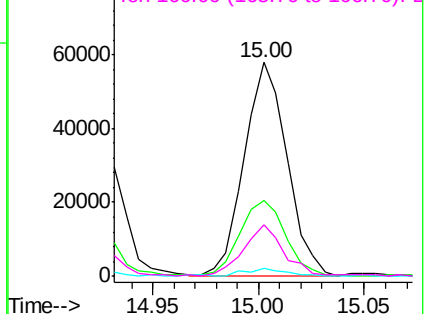
Abundance

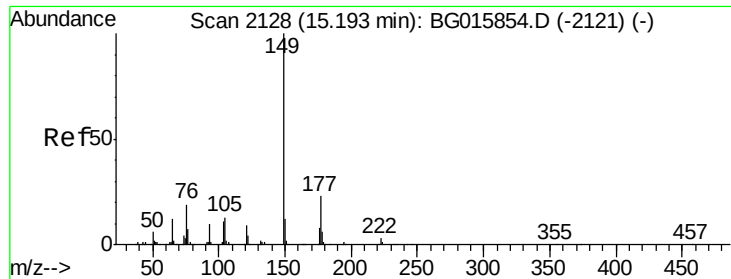
Ion 232.00 (231.70 to 232.70): E

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

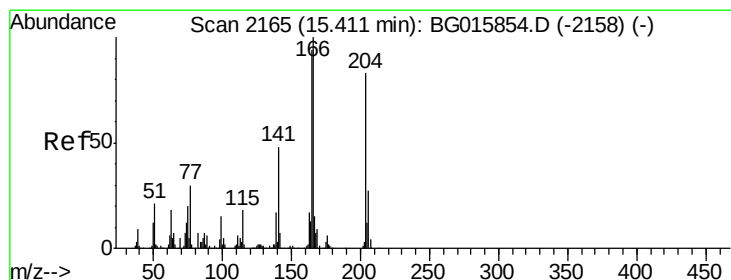
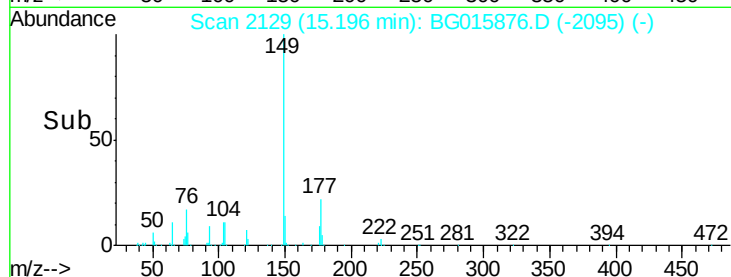
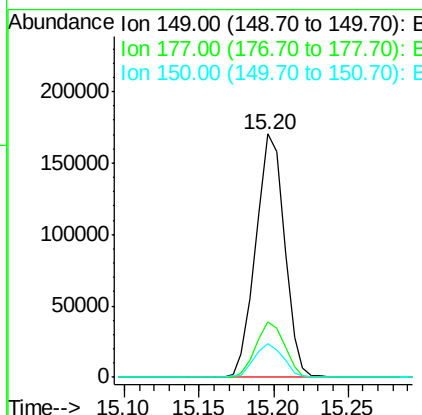
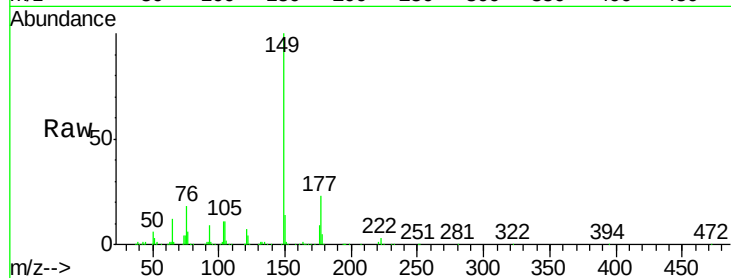




#59
Diethylphthalate
Concen: 32.13 ng
RT: 15.20 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

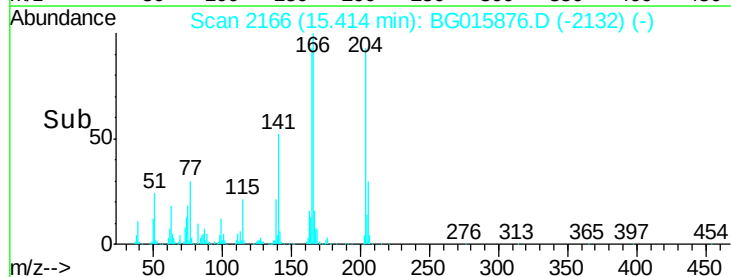
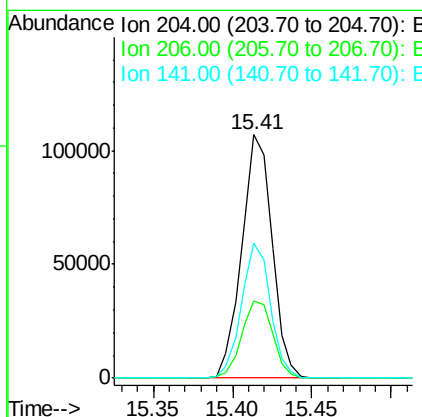
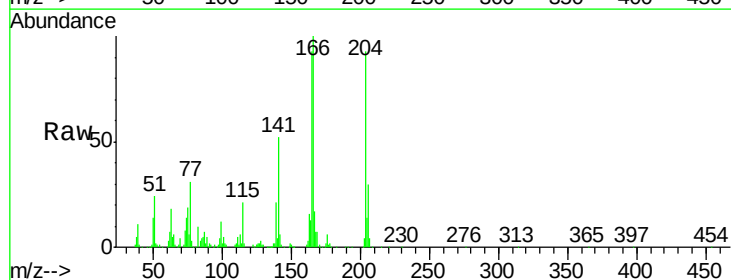
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

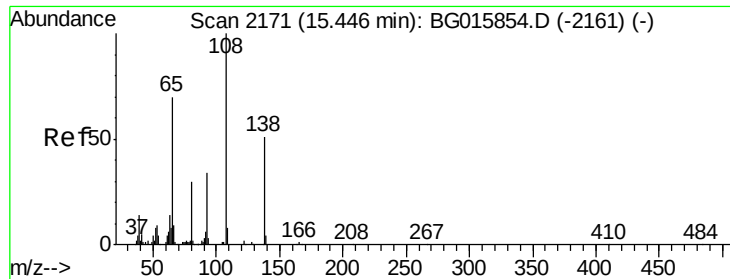
Tgt Ion:149 Resp: 225676
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 13.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 33.25 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:204 Resp: 141475
Ion Ratio Lower Upper
204 100
206 32.0 28.2 42.4
141 55.6 41.1 61.7





#61

4-Nitroaniline

Concen: 29.34 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

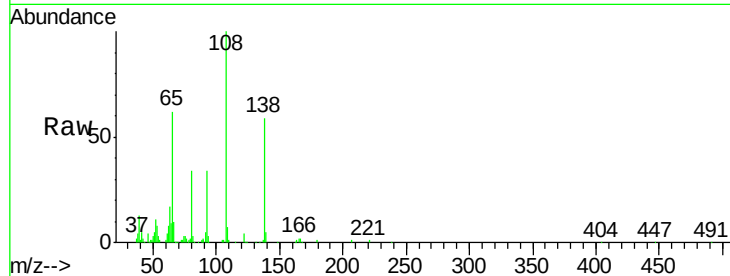
Tgt Ion:138 Resp: 45012

Ion Ratio Lower Upper

138 100

92 57.9 42.2 82.2

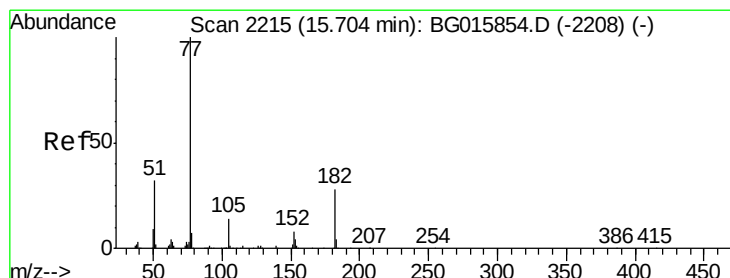
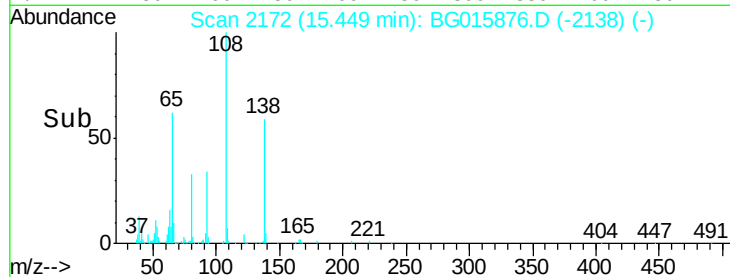
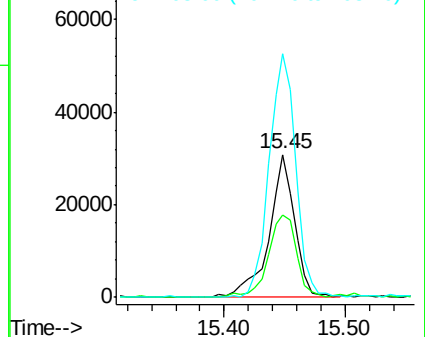
108 170.3 147.2 187.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.49 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Tgt Ion: 77 Resp: 238412

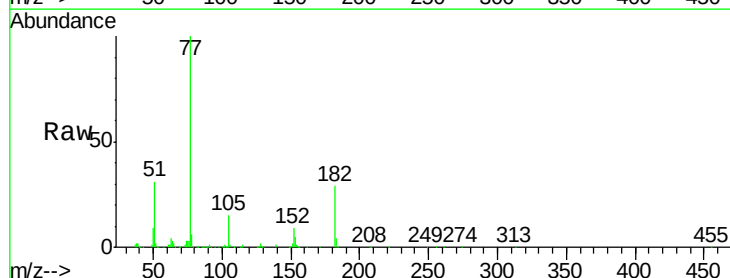
Ion Ratio Lower Upper

77 100

182 28.8 7.7 47.7

105 14.7 0.0 35.1

51 30.6 10.6 50.6

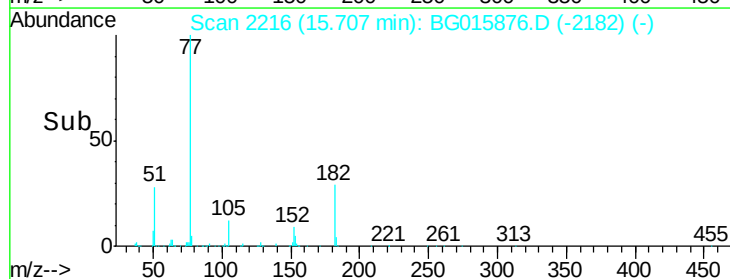
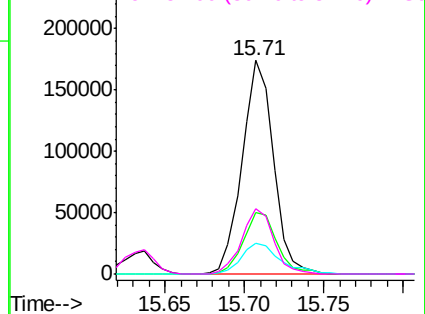


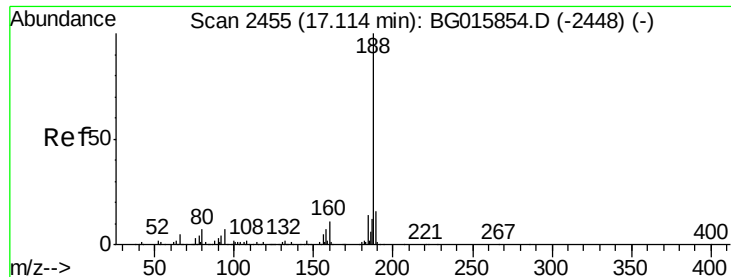
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

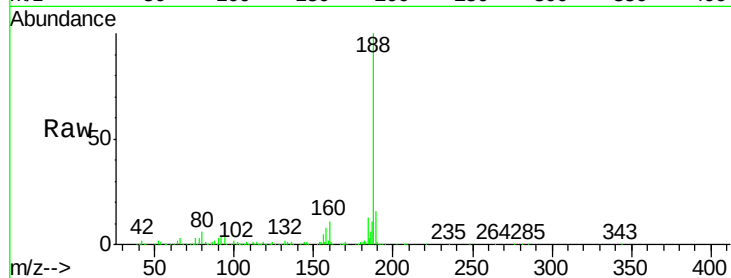
Tgt Ion:188 Resp: 216359

Ion Ratio Lower Upper

188 100

94 4.7 5.4 8.0#

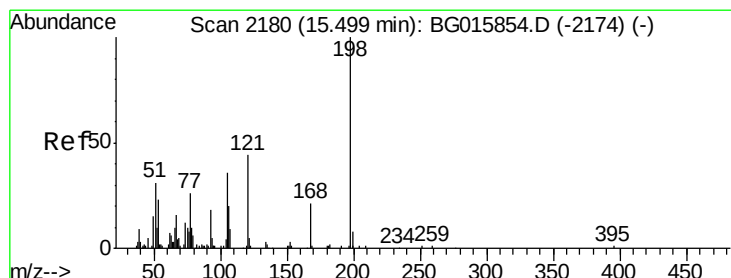
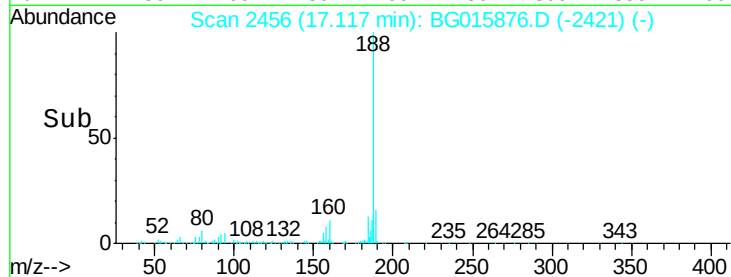
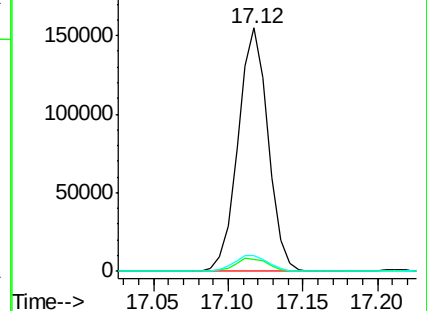
80 6.3 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 19.05 ng

RT: 15.51 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

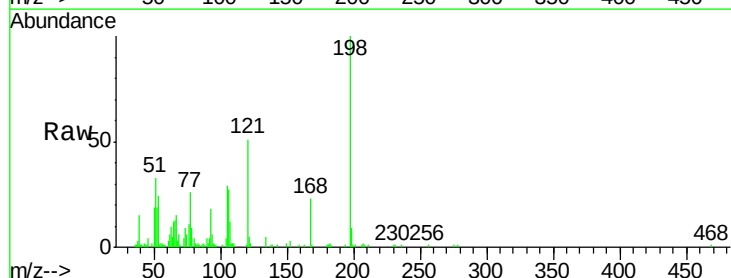
Tgt Ion:198 Resp: 26678

Ion Ratio Lower Upper

198 100

51 33.3 13.6 53.6

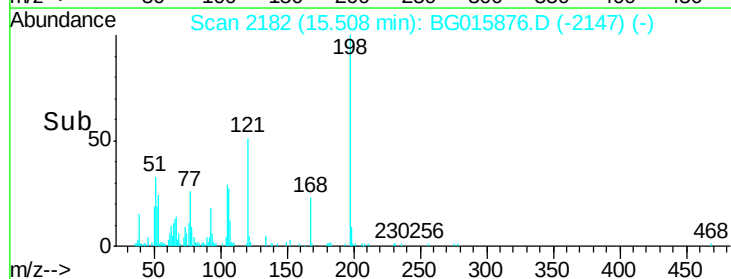
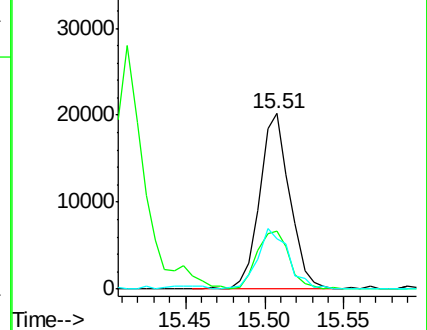
105 28.8 17.9 57.9

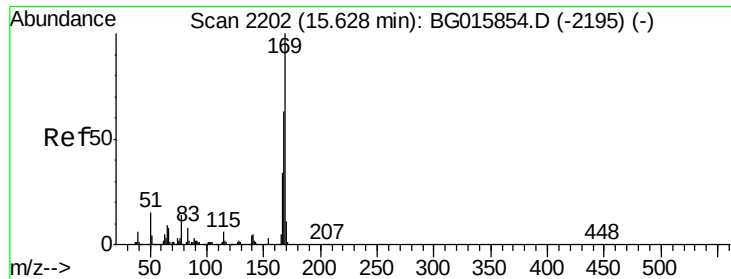


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

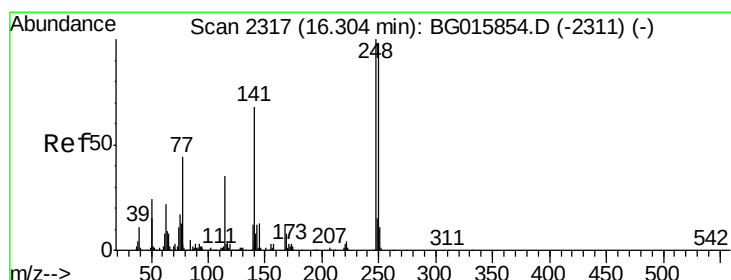
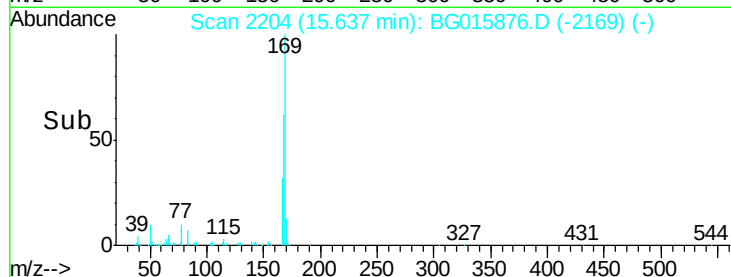
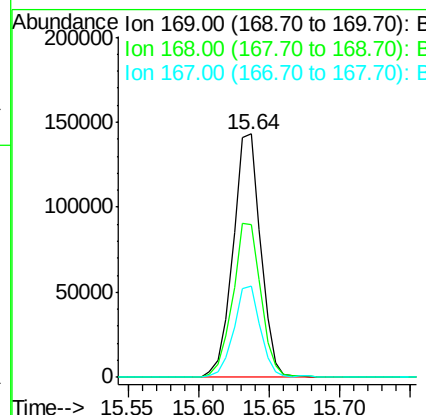
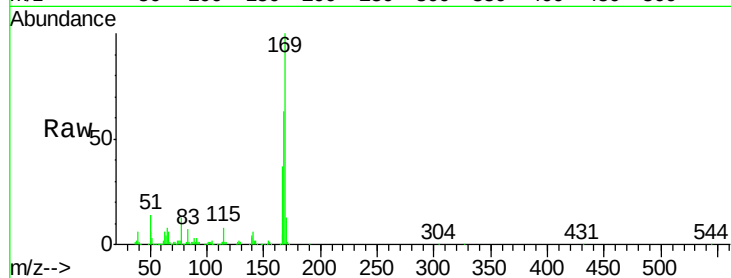




#65
 n-Nitrosodiphenylamine
 Concen: 31.23 ng
 RT: 15.64 min Scan# 2204
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

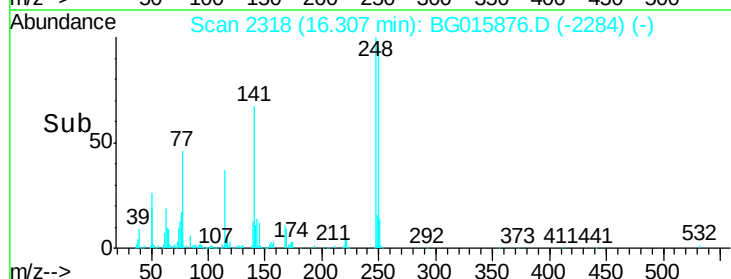
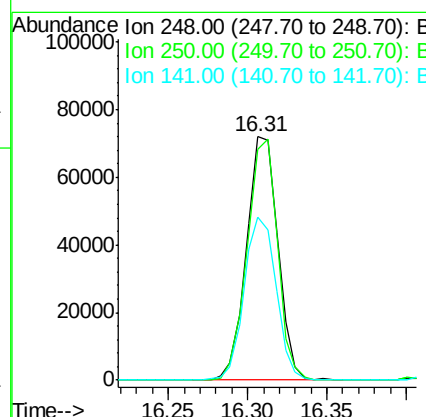
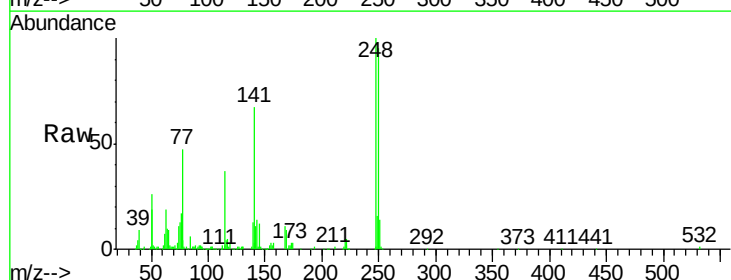
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

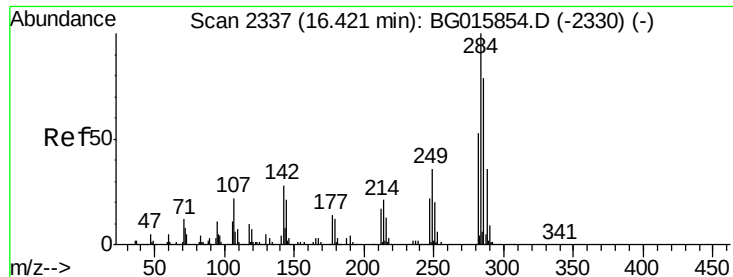
Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.7	52.7	79.1
167	37.3	29.3	43.9



#66
 4-Bromophenyl-phenylether
 Concen: 33.41 ng
 RT: 16.31 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.8	83.5	125.3
141	66.8	58.1	87.1

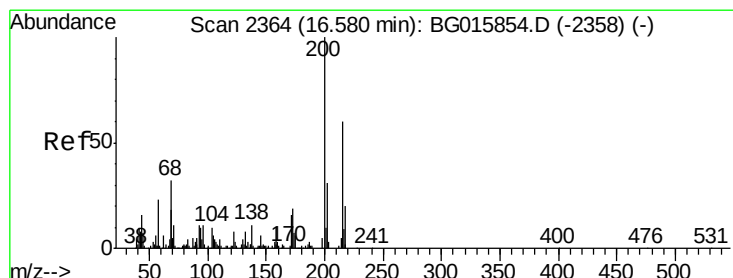
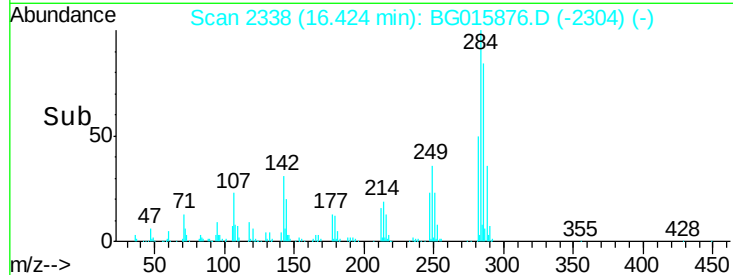
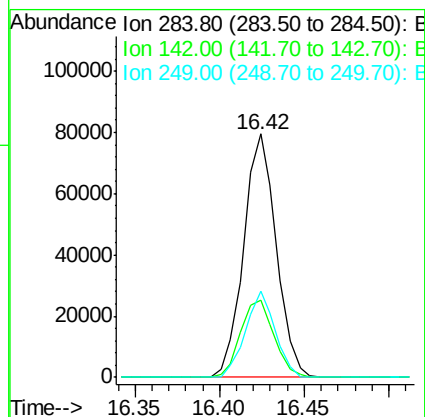
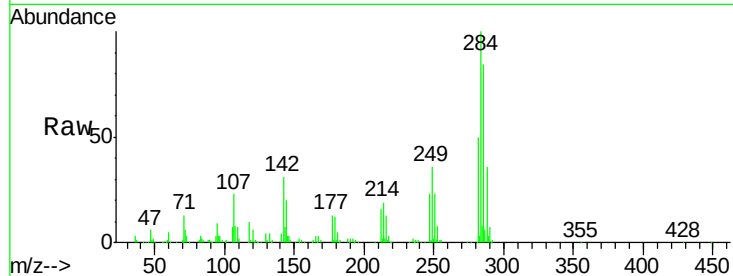




#67
Hexachlorobenzene
Concen: 31.76 ng
RT: 16.42 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

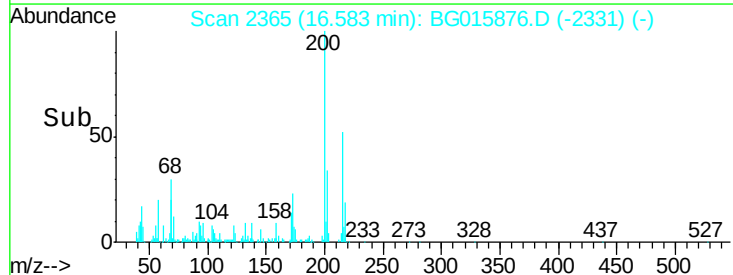
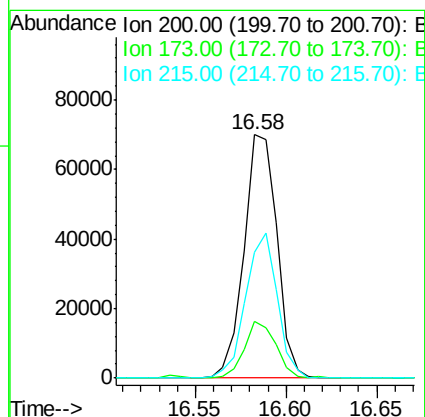
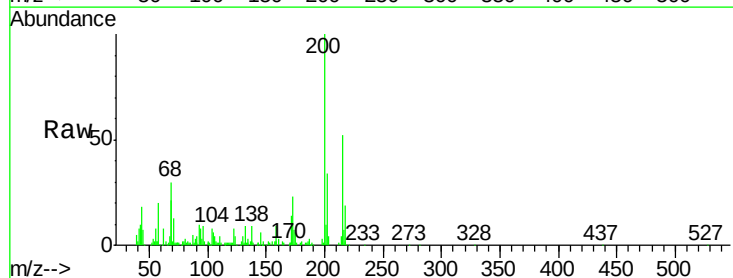
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

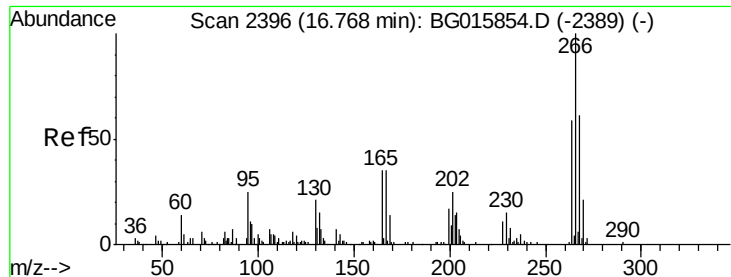
Tgt Ion:284 Resp: 106694
Ion Ratio Lower Upper
284 100
142 31.5 26.1 39.1
249 35.5 26.0 39.0



#68
Atrazine
Concen: 31.88 ng
RT: 16.58 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:200 Resp: 88619
Ion Ratio Lower Upper
200 100
173 23.2 1.1 41.1
215 51.7 35.6 75.6





#69

Pentachlorophenol

Concen: 60.05 ng

RT: 16.77 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

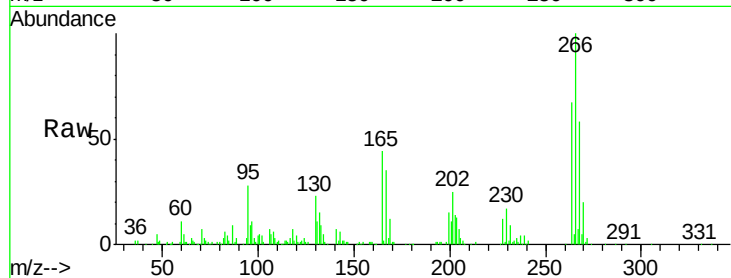
Tgt Ion:266 Resp: 128908

Ion Ratio Lower Upper

266 100

268 62.8 50.2 75.2

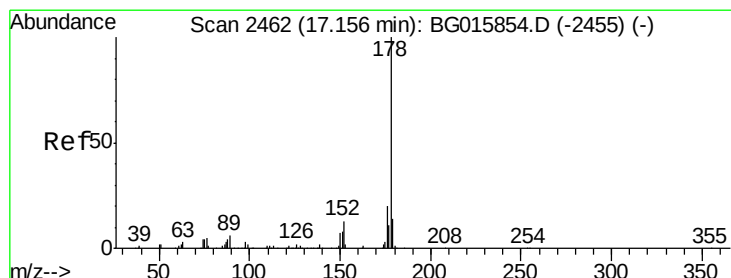
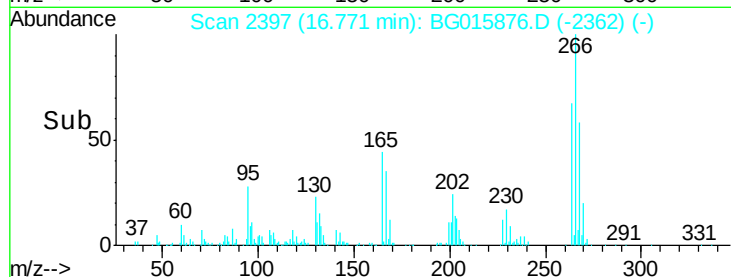
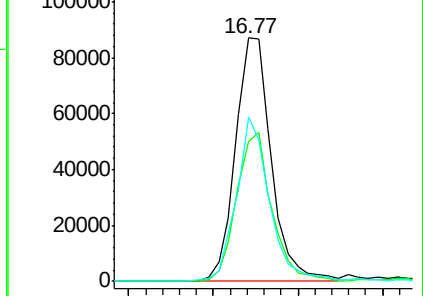
264 67.3 48.2 72.2



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: 29.89 ng

RT: 17.16 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

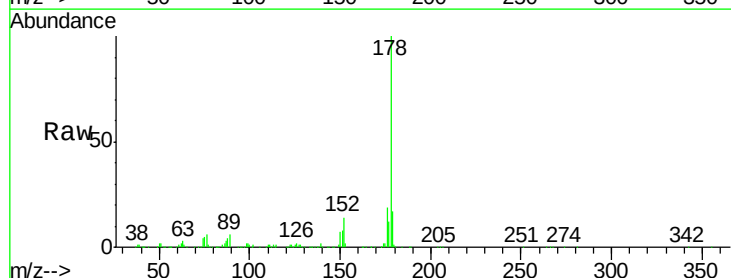
Tgt Ion:178 Resp: 344258

Ion Ratio Lower Upper

178 100

176 19.5 14.5 21.7

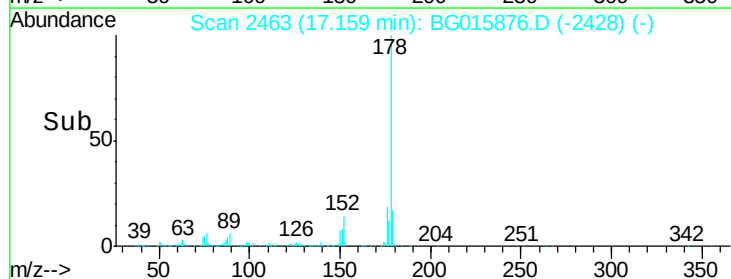
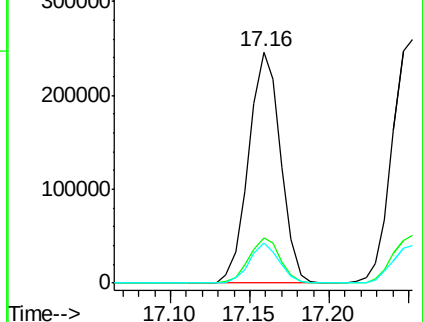
179 17.2 12.6 19.0

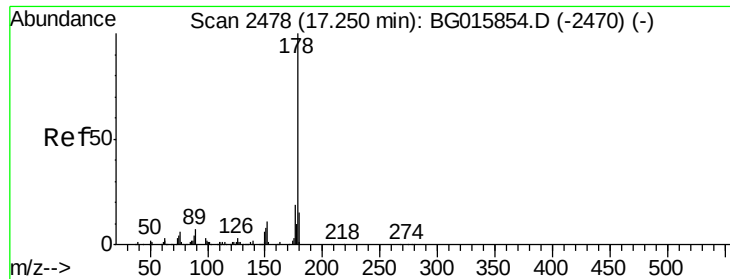


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

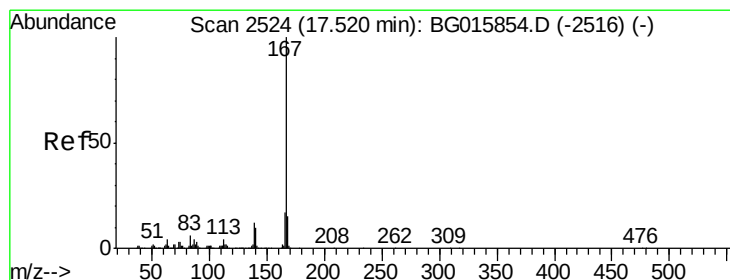
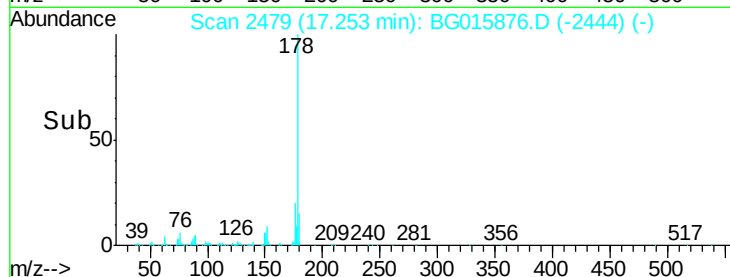
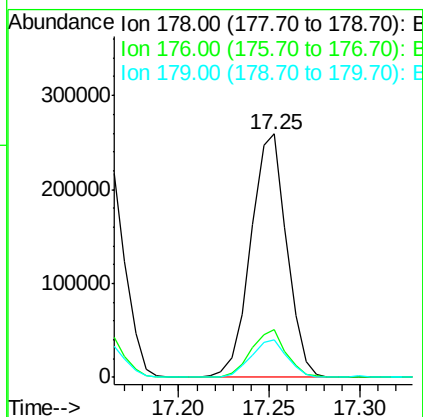
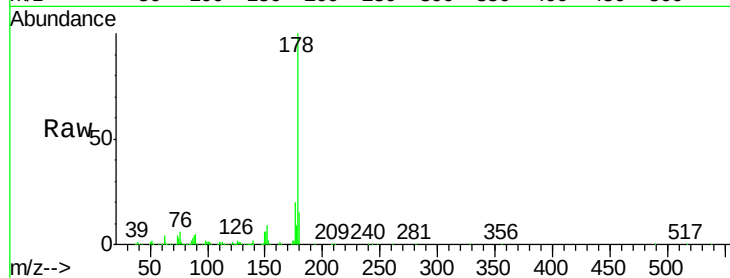




#71
 Anthracene
 Concen: 31.16 ng
 RT: 17.25 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

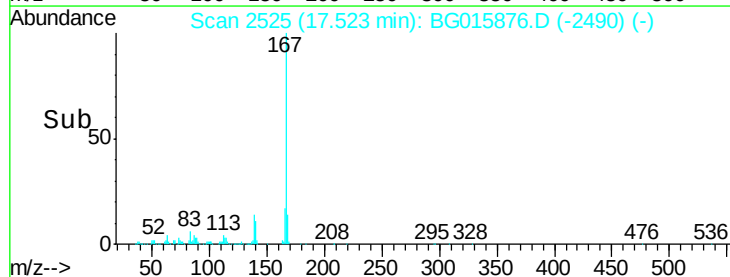
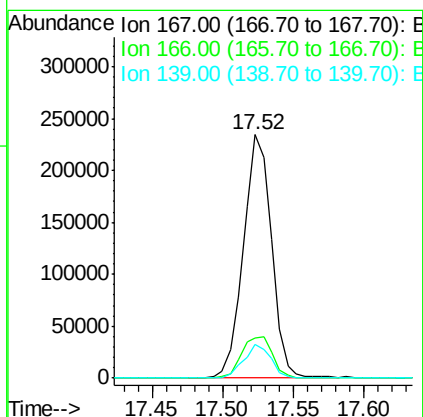
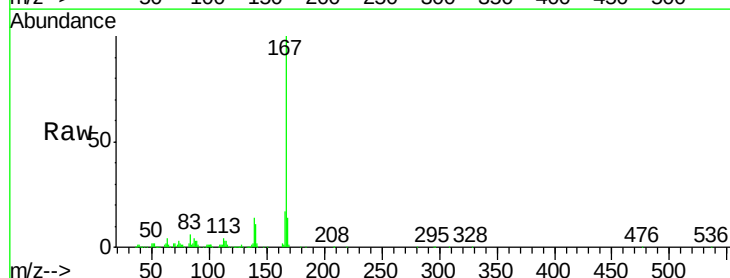
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

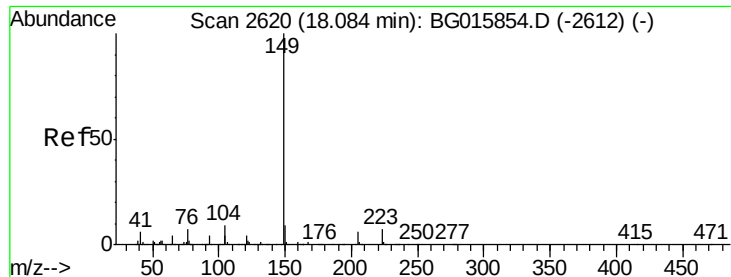
Tgt Ion:178 Resp: 356443
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 15.2 12.6 18.8



#72
 Carbazole
 Concen: 29.88 ng
 RT: 17.52 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion:167 Resp: 327783
 Ion Ratio Lower Upper
 167 100
 166 16.6 15.0 22.4
 139 14.0 11.0 16.4

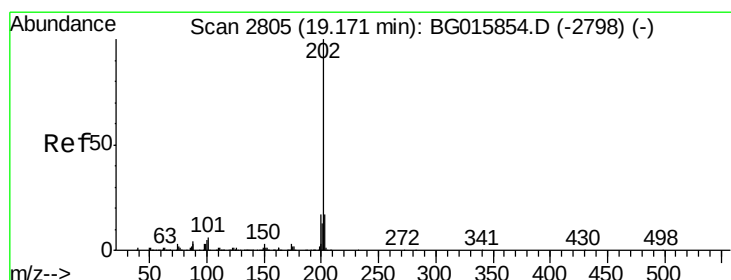
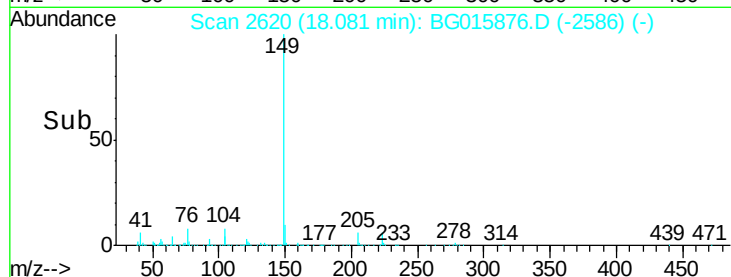
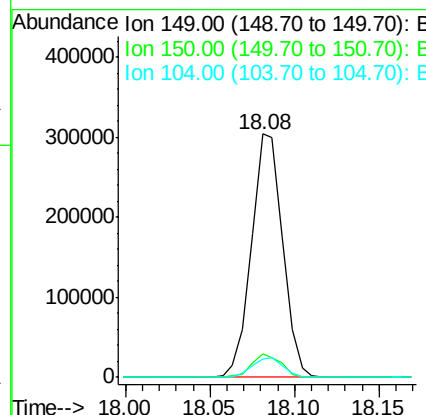
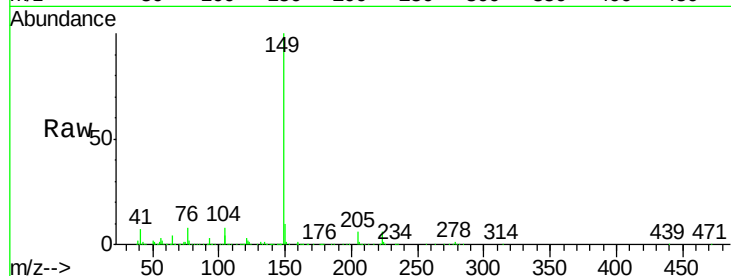




#73
Di-n-butylphthalate
Concen: 30.29 ng
RT: 18.08 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

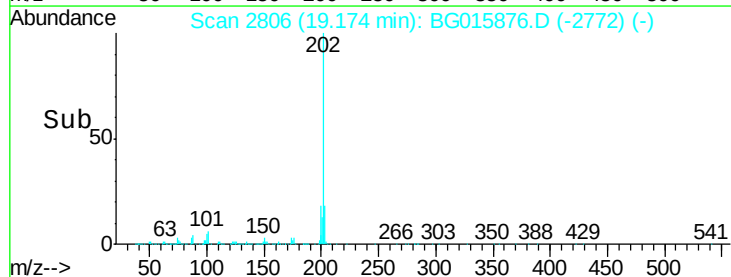
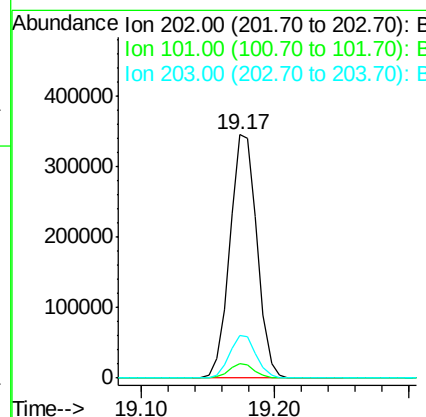
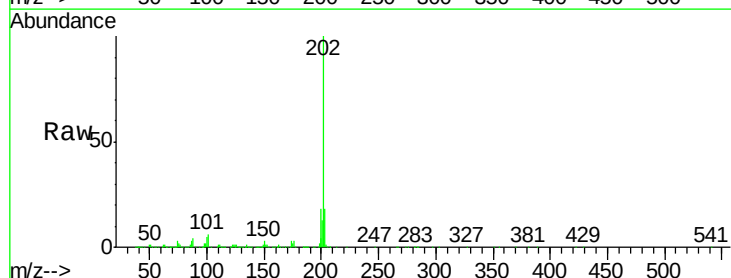
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

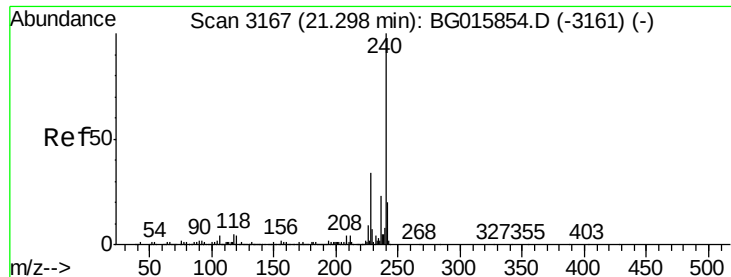
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	7.7	6.8	10.2



#74
Fluoranthene
Concen: 28.19 ng
RT: 19.17 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	26.1
203	17.6	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: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

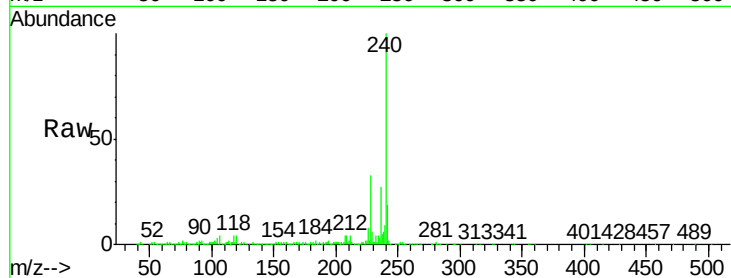
Tgt Ion:240 Resp: 289663

Ion Ratio Lower Upper

240 100

120 4.0 3.4 5.2

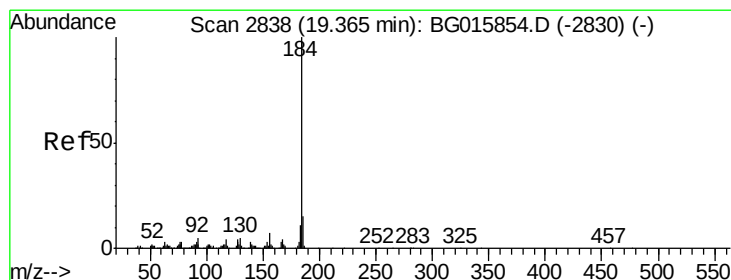
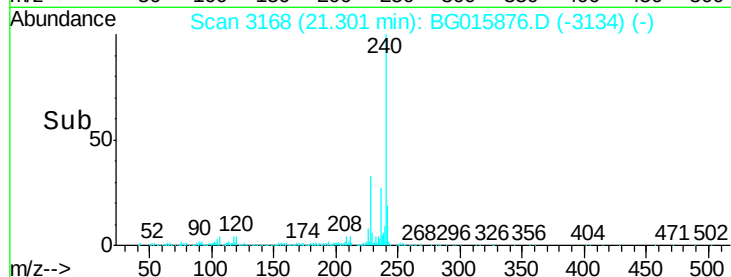
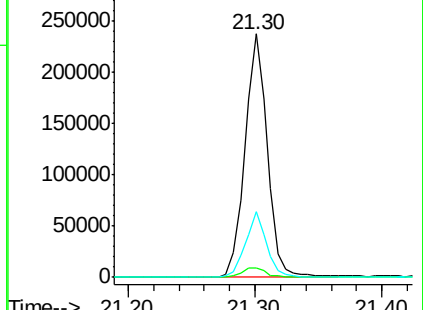
236 26.8 19.0 28.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.83 ng

RT: 19.37 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

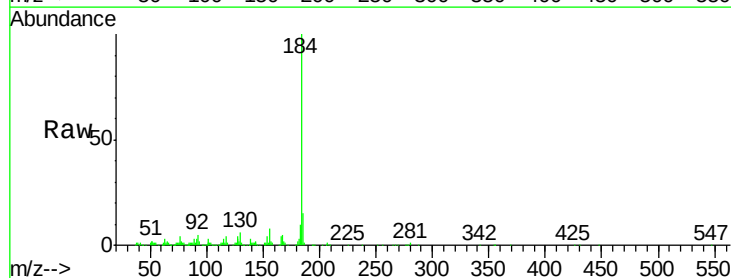
Tgt Ion:184 Resp: 153120

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

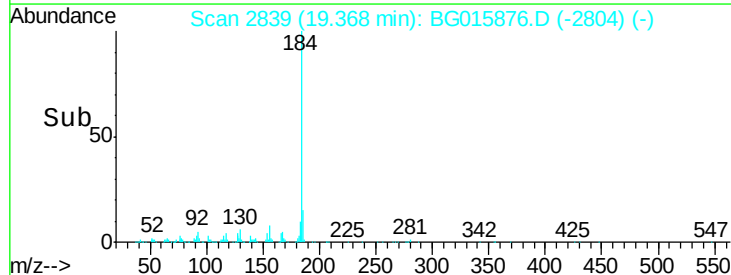
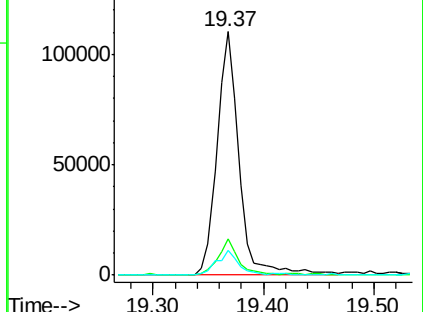
183 10.1 8.4 12.6

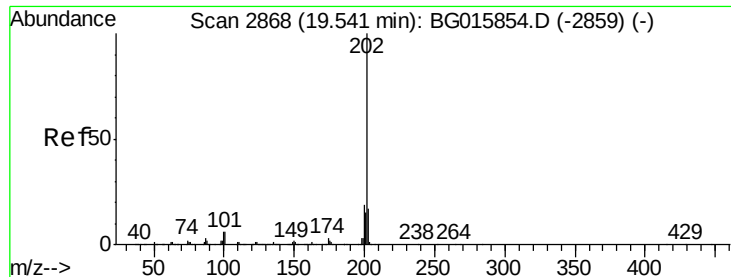


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.22 ng

RT: 19.54 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

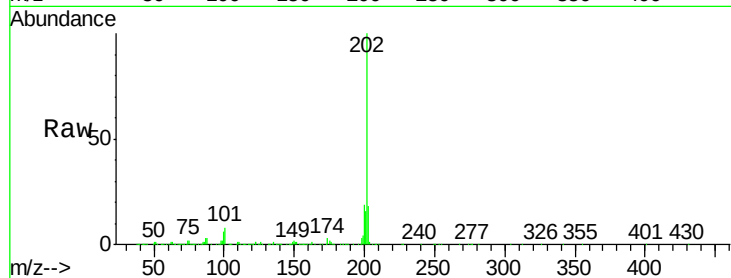
Tgt Ion:202 Resp: 514488

Ion Ratio Lower Upper

202 100

200 18.8 15.1 22.7

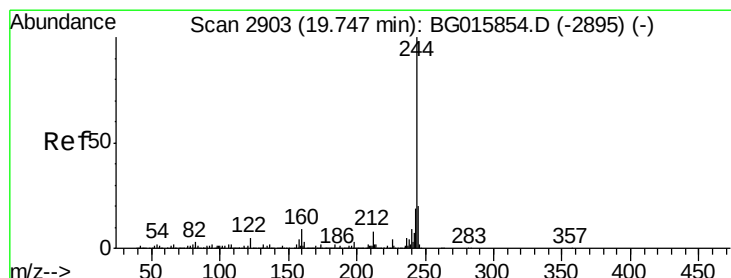
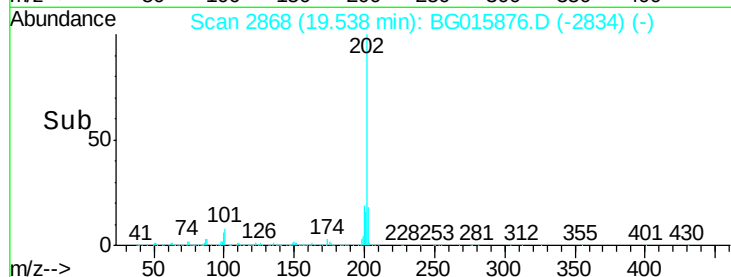
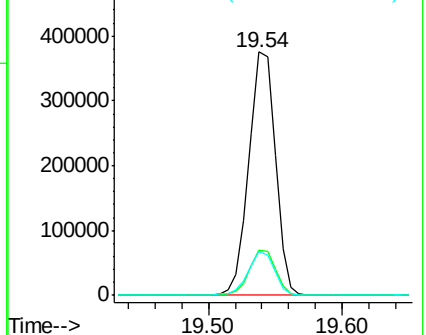
203 18.3 14.2 21.4



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: 30.00 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

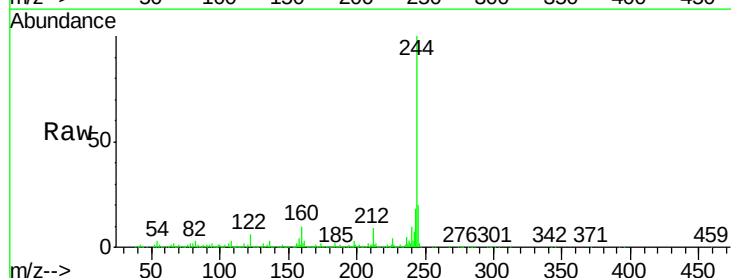
Tgt Ion:244 Resp: 777806

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

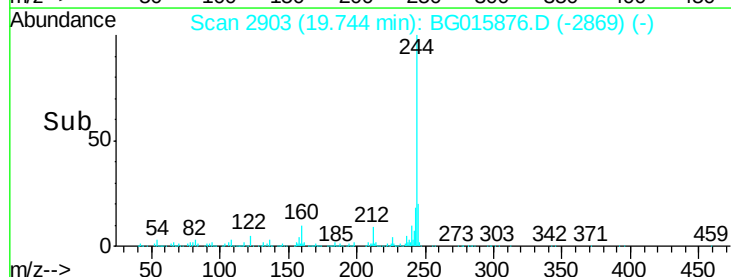
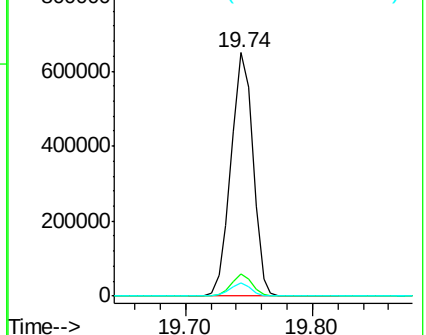
122 5.7 4.7 7.1

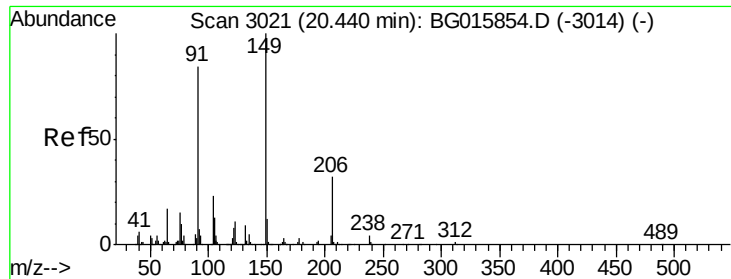


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.20 ng

RT: 20.44 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

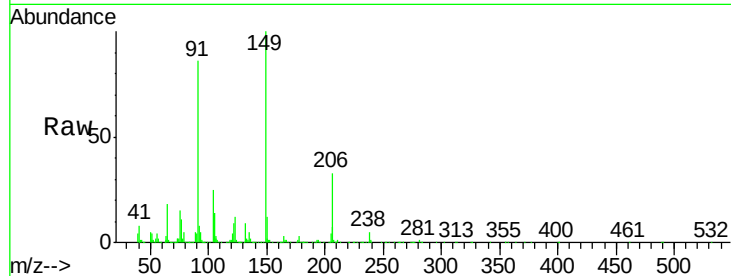
Tgt Ion:149 Resp: 192670

Ion Ratio Lower Upper

149 100

91 86.3 68.4 102.6

206 32.7 24.9 37.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG015876.D (-2987) (-)

Ion 206.00 (205.70 to 206.70): E

20.44

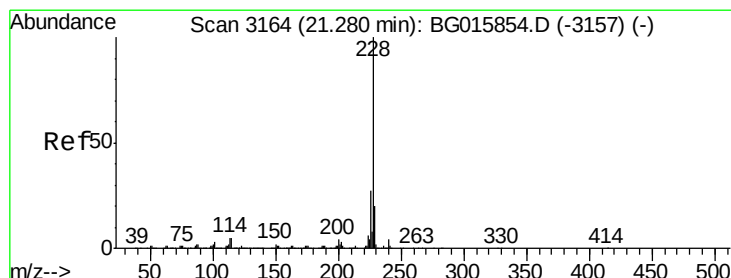
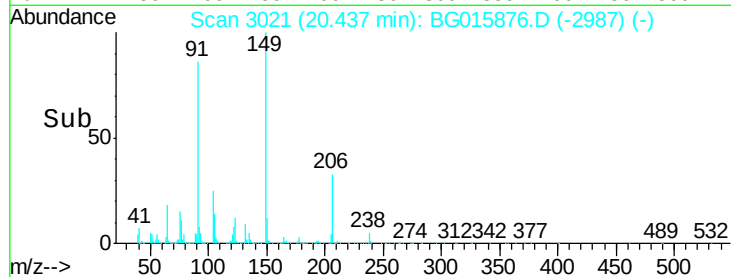
150000

100000

50000

0

Time-->



#80

Benzo(a)anthracene

Concen: 31.06 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

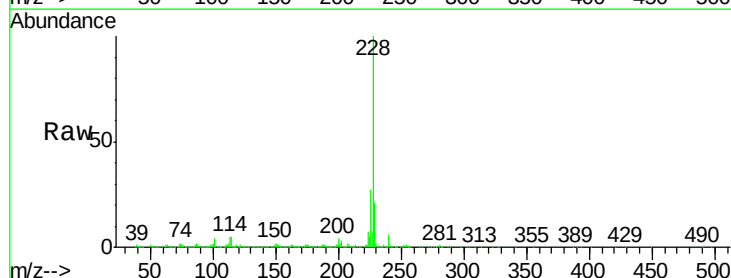
Tgt Ion:228 Resp: 534339

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.7 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

21.28

500000

400000

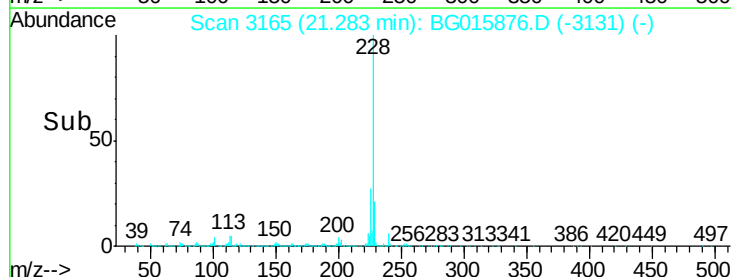
300000

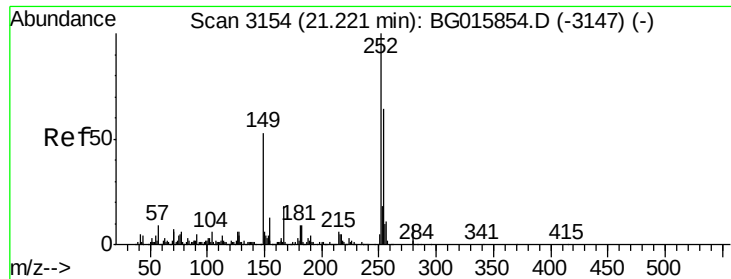
200000

100000

0

Time-->

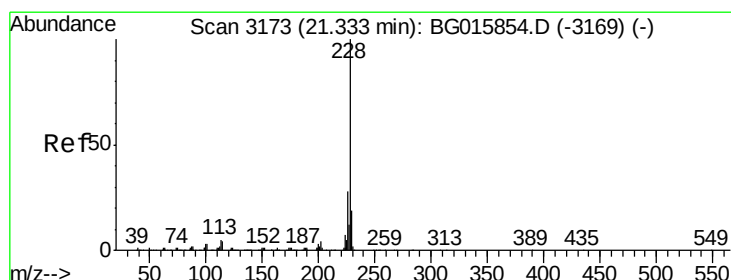
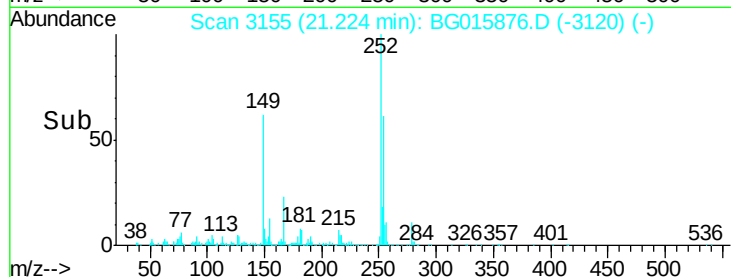
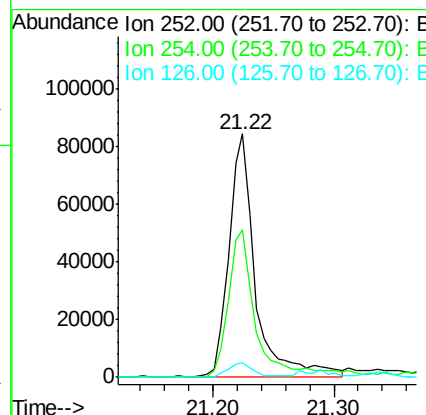
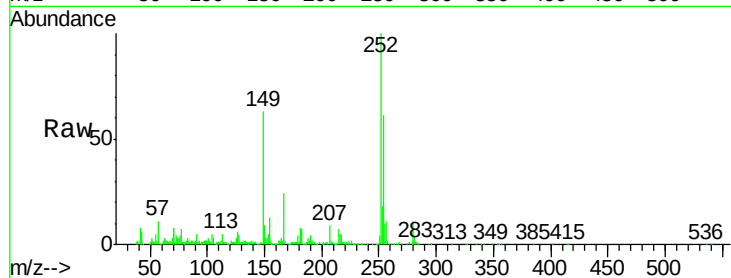




#81
 3,3'-Dichlorobenzidine
 Concen: 20.16 ng
 RT: 21.22 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

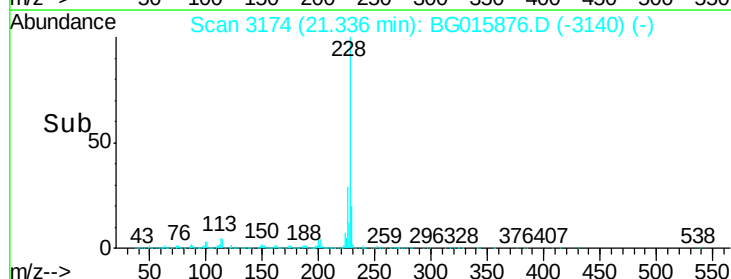
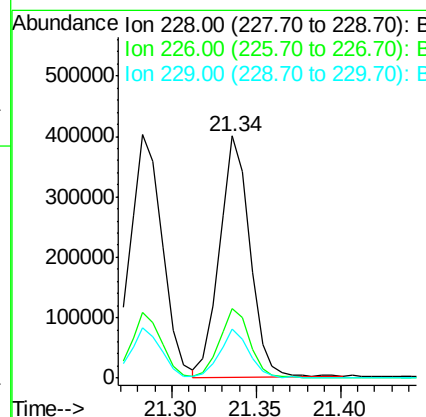
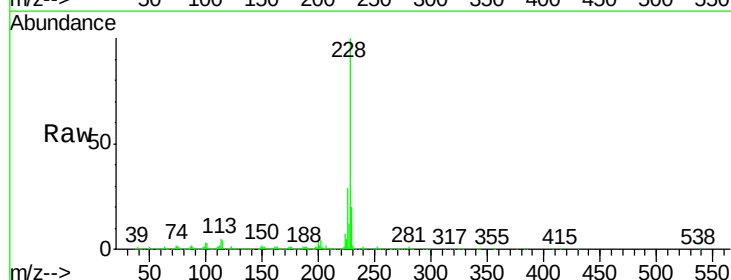
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8MSD

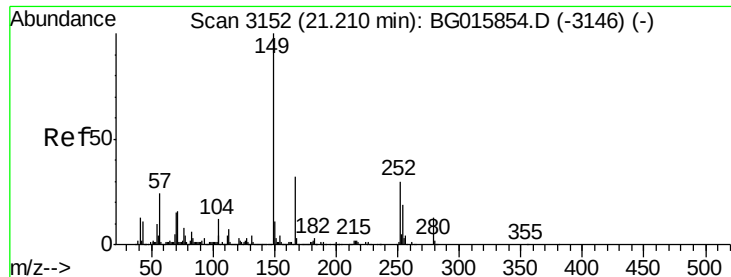
Tgt Ion: 252 Resp: 127302
 Ion Ratio Lower Upper
 252 100
 254 60.8 54.0 81.0
 126 6.0 5.8 8.8



#82
 Chrysene
 Concen: 31.60 ng
 RT: 21.34 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG015876.D
 Acq: 9 Jan 2015 18:55

Tgt Ion: 228 Resp: 499646
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.5 33.7
 229 20.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.76 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

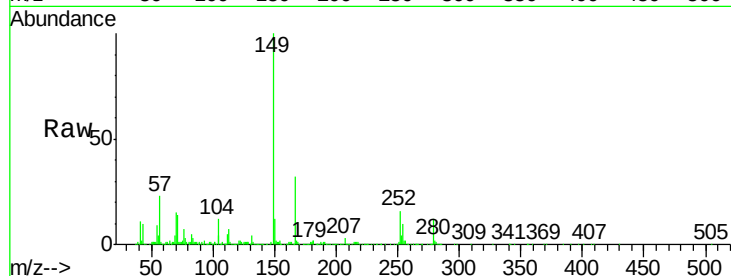
Tgt Ion:149 Resp: 267962

Ion Ratio Lower Upper

149 100

167 32.2 26.2 39.2

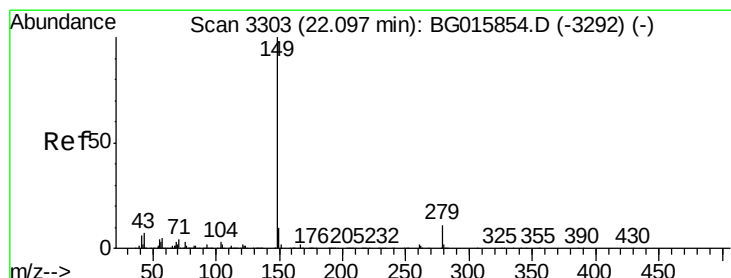
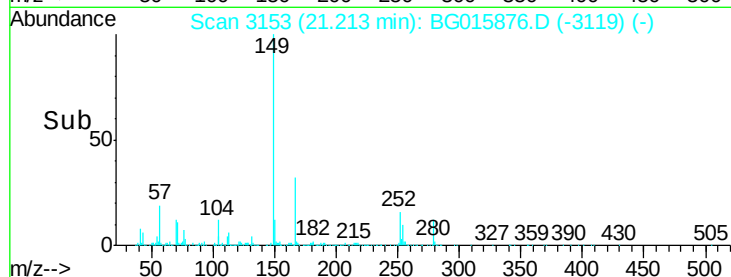
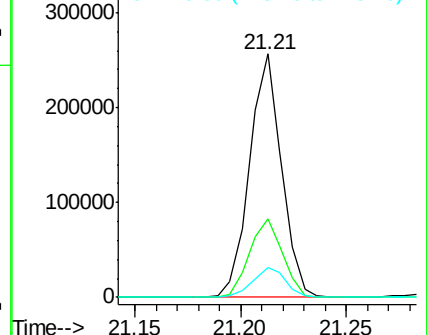
279 12.3 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.36 ng

RT: 22.09 min Scan# 3303

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

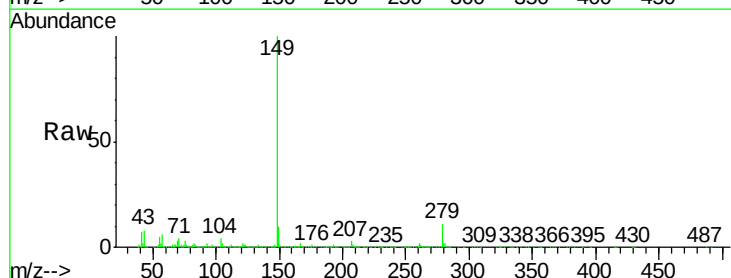
Tgt Ion:149 Resp: 458342

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

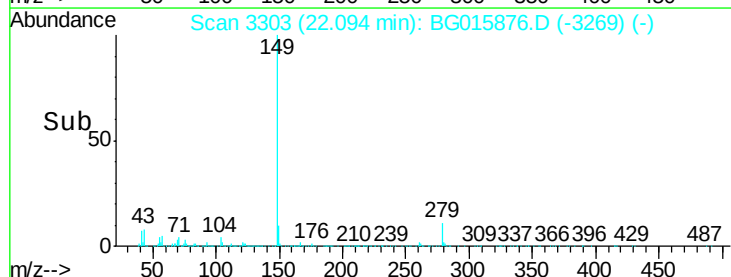
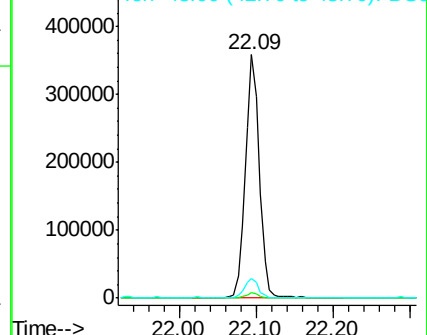
43 7.8 5.9 8.9

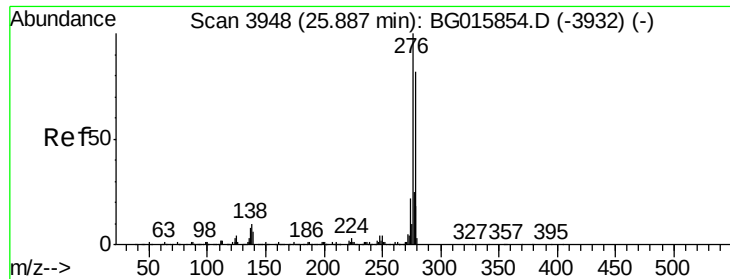


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 17.74 ng

RT: 25.88 min Scan# 3948

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

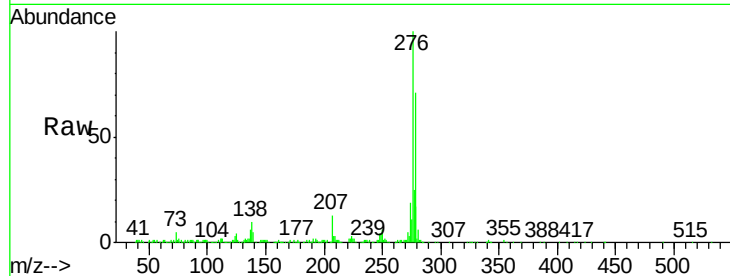
Tgt Ion:276 Resp: 331407

Ion Ratio Lower Upper

276 100

138 8.9 7.8 11.6

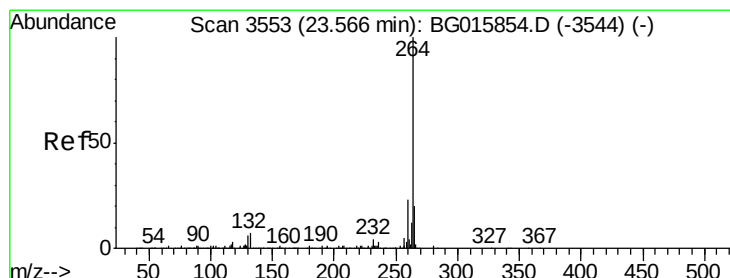
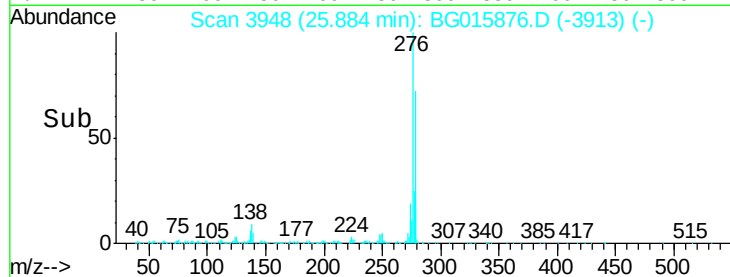
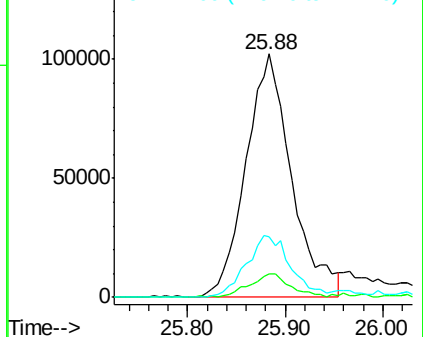
277 24.8 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

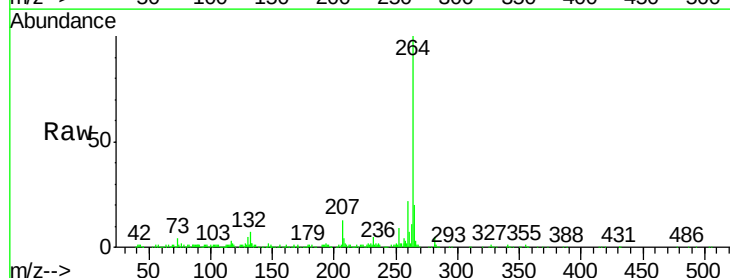
Tgt Ion:264 Resp: 225974

Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.4

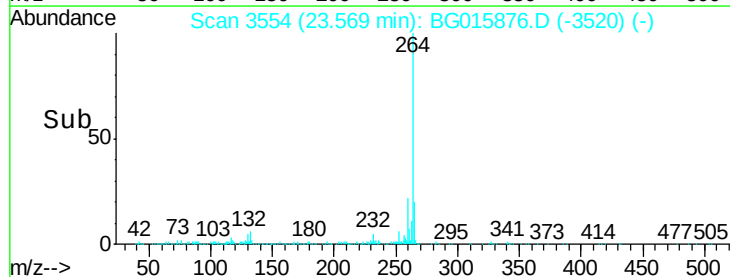
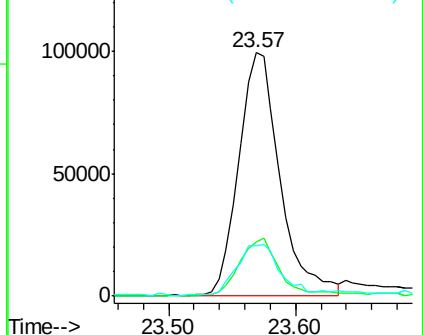
265 20.5 17.4 26.0

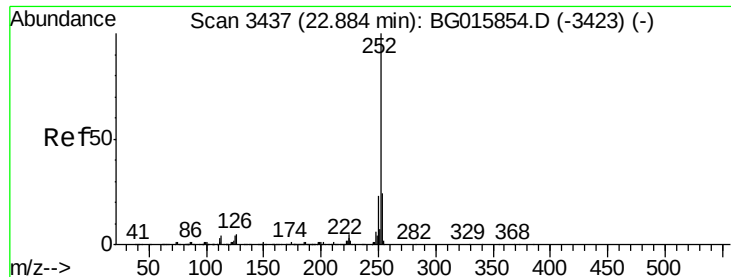


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

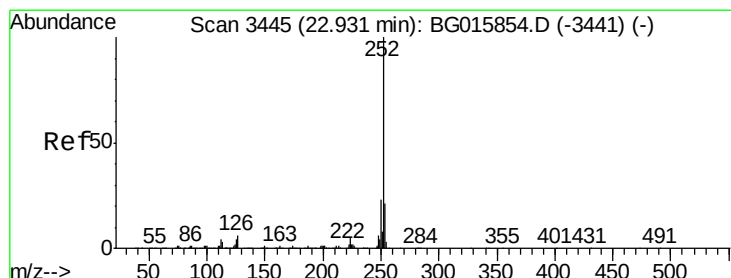
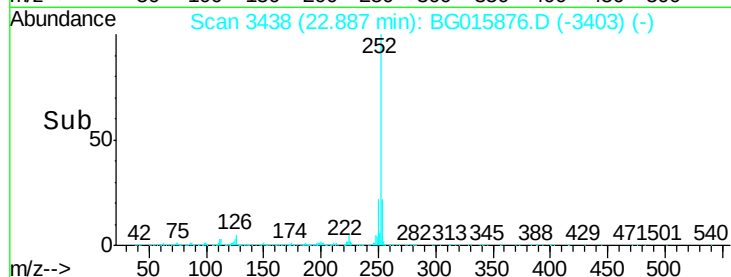
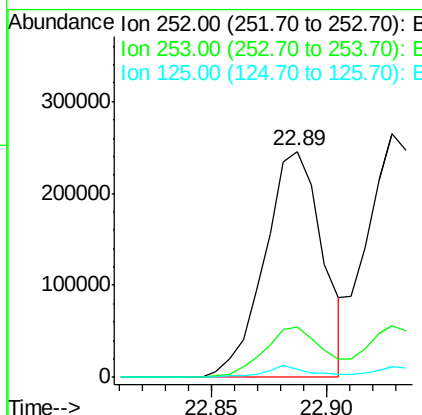
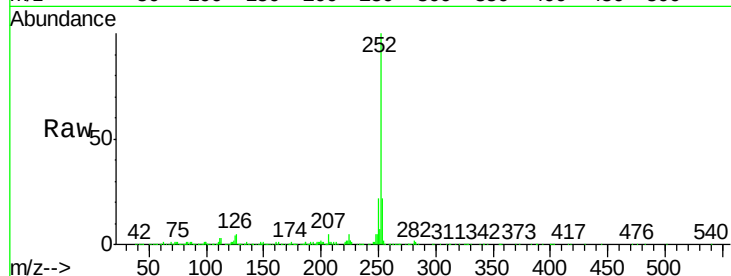




#87
Benzo(b)fluoranthene
Concen: 30.35 ng
RT: 22.89 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

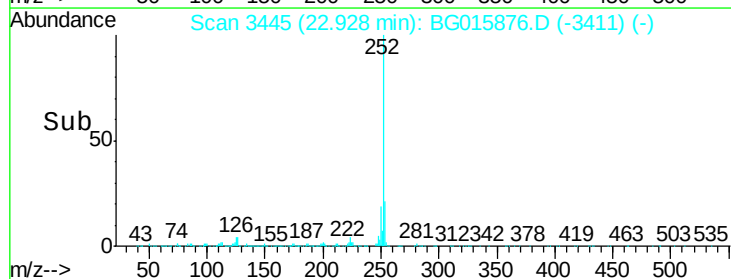
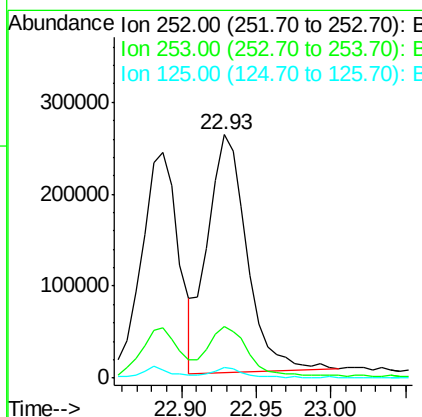
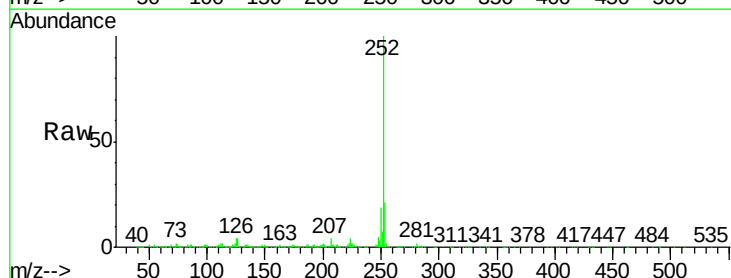
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8MSD

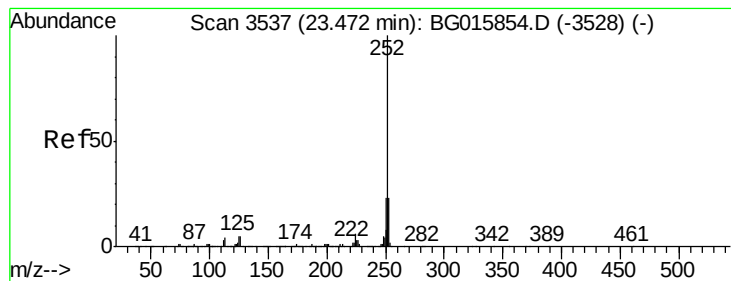
Tgt Ion:252 Resp: 428165
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 3.8 3.6 5.4



#88
Benzo(k)fluoranthene
Concen: 35.10 ng
RT: 22.93 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BG015876.D
Acq: 9 Jan 2015 18:55

Tgt Ion:252 Resp: 476752
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 4.4 3.0 4.6





#89

Benzo(a)pyrene

Concen: 33.84 ng

RT: 23.47 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD

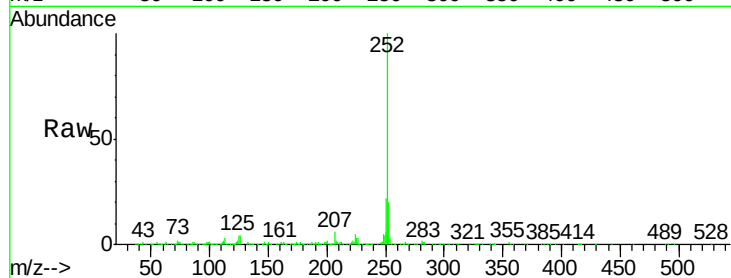
Tgt Ion:252 Resp: 430053

Ion Ratio Lower Upper

252 100

253 20.4 17.9 26.9

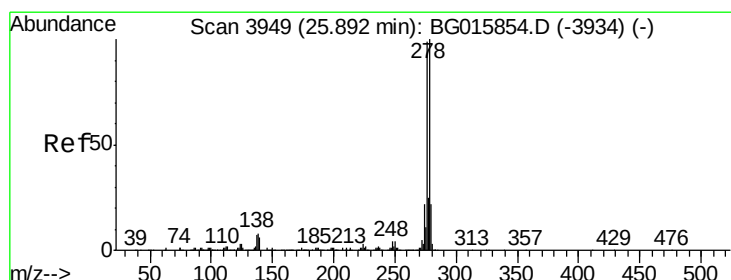
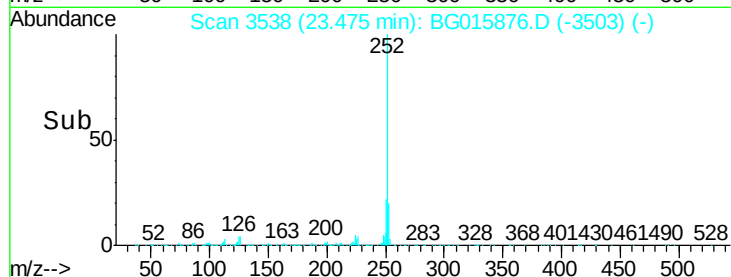
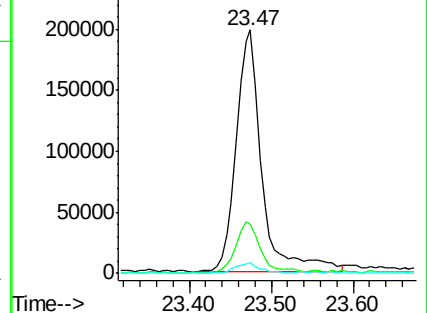
125 4.2 3.7 5.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.79 ng

RT: 25.90 min Scan# 3950

Delta R.T. 0.01 min

Lab File: BG015876.D

Acq: 9 Jan 2015 18:55

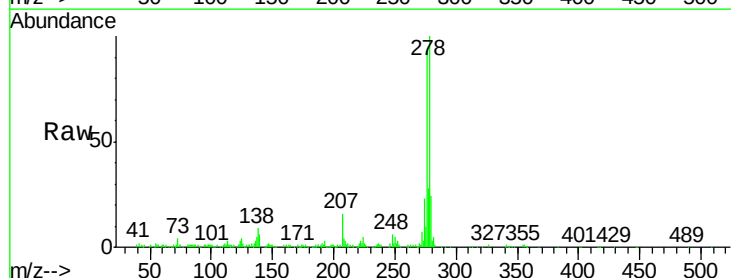
Tgt Ion:278 Resp: 284692

Ion Ratio Lower Upper

278 100

139 7.1 4.9 7.3

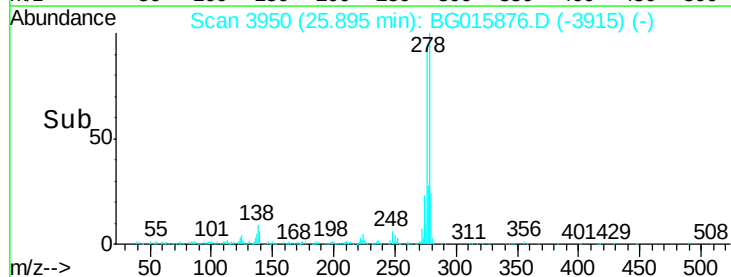
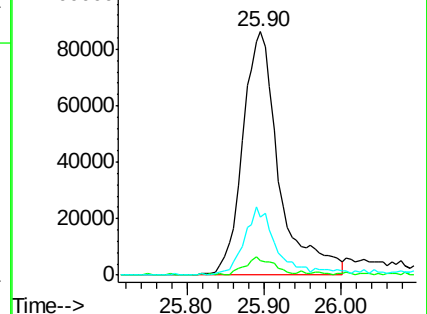
279 23.8 19.1 28.7

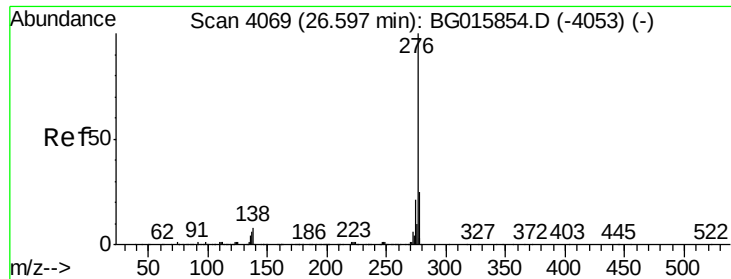


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.36 ng

RT: 26.59 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BG015876.D

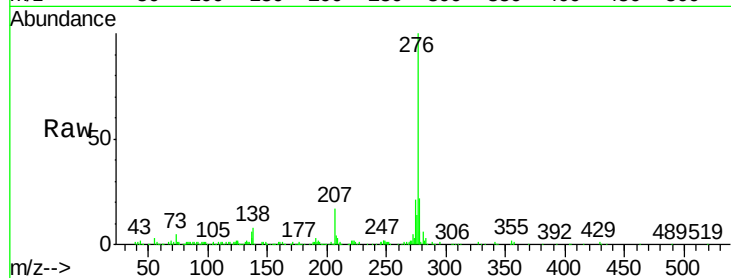
Acq: 9 Jan 2015 18:55

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MSD



Tgt Ion: 276 Resp: 265161

Ion Ratio Lower Upper

276 100

277 22.5 18.2 27.2

138 8.2 6.4 9.6

