

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
 Data File : BG016665.D
 Acq On : 23 Apr 2015 22:37
 Operator : TP/IZ
 Sample : PB82952BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Quant Time: Apr 24 02:26:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	51256	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	225158	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	134466	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	293712	20.00	ng	0.00
75) Chrysene-d12	21.18	240	276108	20.00	ng	0.00
86) Perylene-d12	23.38	264	258450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	376281	119.13	ng	0.00
7) Phenol-d6	6.80	99	519524	117.24	ng	0.00
23) Nitrobenzene-d5	8.76	82	256121	71.88	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	116531	116.82	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	613359	73.29	ng	0.00
78) Terphenyl-d14	19.63	244	836903	69.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	41743	30.51	ng	99
3) Pyridine	3.45	79	115649	29.77	ng	98
4) n-Nitrosodimethylamine	3.38	42	38023	33.17	ng	# 94
6) Aniline	6.93	93	133188	21.92	ng	98
8) 2-Chlorophenol	7.17	128	145348	37.23	ng	99
9) Benzaldehyde	6.74	77	12436	6.87	ng	91
10) Phenol	6.82	94	179723	38.48	ng	100
11) bis(2-Chloroethyl)ether	7.03	93	121746	33.39	ng	98
12) 1,3-Dichlorobenzene	7.48	146	136272	33.75	ng	99
13) 1,4-Dichlorobenzene	7.63	146	137824	33.39	ng	100
14) 1,2-Dichlorobenzene	7.95	146	132639	33.66	ng	99
15) Benzyl Alcohol	7.85	79	97630	35.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	120682	35.36	ng	98
17) 2-Methylphenol	8.06	107	119167	38.16	ng	99
18) Hexachloroethane	8.66	117	48964	33.65	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	89333	32.34	ng	98
20) 3+4-Methylphenols	8.39	107	163879	37.32	ng	99
22) Acetophenone	8.42	105	178481	36.12	ng	# 98
24) Nitrobenzene	8.80	77	128498	34.34	ng	99
25) Isophorone	9.32	82	248208	33.61	ng	100
26) 2-Nitrophenol	9.50	139	76235	35.11	ng	97
27) 2,4-Dimethylphenol	9.58	122	141018	38.89	ng	98
28) bis(2-Chloroethoxy)methane	9.80	93	160275	35.97	ng	99
29) 2,4-Dichlorophenol	10.05	162	123214	39.98	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	112811	34.54	ng	99
31) Naphthalene	10.43	128	412838	34.77	ng	100
32) Benzoic acid	9.73	122	49722	29.48	ng	98
33) 4-Chloroaniline	10.56	127	83932	15.34	ng	97
34) Hexachlorobutadiene	10.71	225	50325	34.49	ng	97
35) Caprolactam	11.32	113	28120	16.92	ng	99
36) 4-Chloro-3-methylphenol	11.71	107	139163	38.83	ng	99
37) 2-Methylnaphthalene	12.05	142	304834	35.55	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	110509	34.50	ng	98
40) Hexachlorocyclopentadiene	12.41	237	86308	70.46	ng	99

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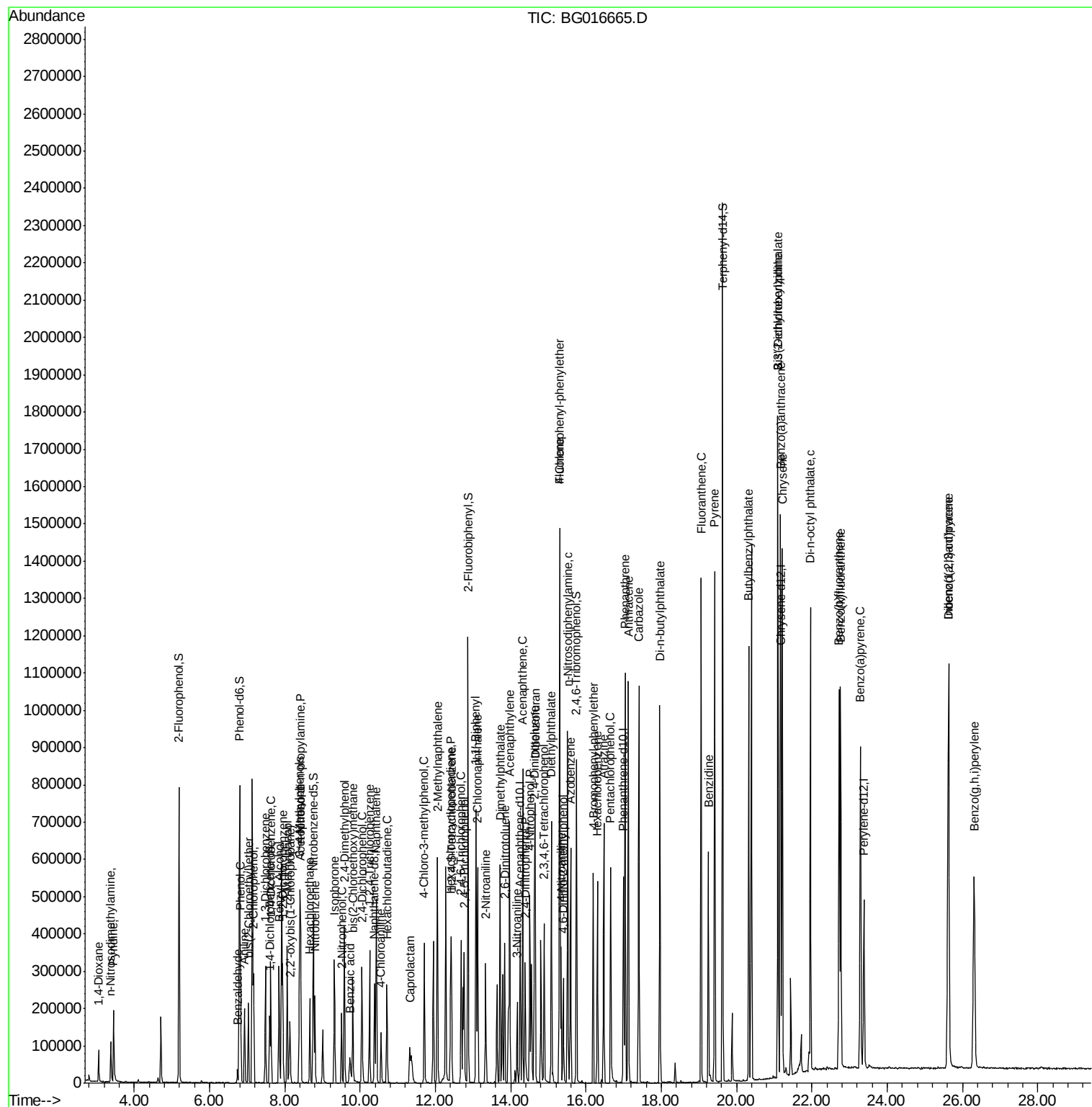
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	84560	36.12	ng	96
43) 2,4,5-Trichlorophenol	12.76	196	94326	38.08	ng	96
45) 1,1'-Biphenyl	13.08	154	382079	36.18	ng	100
46) 2-Chloronaphthalene	13.12	162	284920	35.10	ng	99
47) 2-Nitroaniline	13.33	65	82485	37.25	ng	99
48) Acenaphthylene	13.97	152	499673	35.14	ng	99
49) Dimethylphthalate	13.72	163	368809	36.66	ng	99
50) 2,6-Dinitrotoluene	13.84	165	91300	36.99	ng	98
51) Acenaphthene	14.32	154	303679	35.59	ng	99
52) 3-Nitroaniline	14.17	138	64891	21.75	ng	98
53) 2,4-Dinitrophenol	14.39	184	93861	70.89	ng	97
54) Dibenzofuran	14.65	168	448120	37.23	ng	98
55) 4-Nitrophenol	14.51	139	181247	81.08	ng	97
56) 2,4-Dinitrotoluene	14.63	165	130480	38.59	ng	98
57) Fluorene	15.30	166	390711	37.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	72011	38.42	ng	99
59) Diethylphthalate	15.08	149	391588	37.35	ng	98
60) 4-Chlorophenyl-phenylether	15.30	204	164172	37.36	ng	98
61) 4-Nitroaniline	15.34	138	121106	36.70	ng	99
62) Azobenzene	15.59	77	375914	39.26	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	67518	33.97	ng	99
65) n-Nitrosodiphenylamine	15.51	169	354649	35.22	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	87482	35.64	ng	97
67) Hexachlorobenzene	16.30	284	88326	34.99	ng	98
68) Atrazine	16.47	200	113355	41.93	ng	99
69) Pentachlorophenol	16.66	266	95394	77.83	ng	98
70) Phenanthrene	17.04	178	603752	35.78	ng	99
71) Anthracene	17.12	178	612527	36.50	ng	100
72) Carbazole	17.41	167	641634	38.16	ng	98
73) Di-n-butylphthalate	17.96	149	761358	37.99	ng	99
74) Fluoranthene	19.06	202	661866	37.02	ng	99
76) Benzidine	19.25	184	332592	35.37	ng	99
77) Pyrene	19.42	202	697569	35.96	ng	99
79) Butylbenzylphthalate	20.33	149	352800	36.97	ng	97
80) Benzo(a)anthracene	21.17	228	601583	35.93	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	120064	22.00	ng	97
82) Chrysene	21.22	228	573901	35.76	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	480800	37.04	ng	98
84) Di-n-octyl phthalate	21.96	149	810882	37.50	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	614236	35.11	ng	99
87) Benzo(b)fluoranthene	22.72	252	582083	37.08	ng	99
88) Benzo(k)fluoranthene	22.76	252	531294	34.68	ng	99
89) Benzo(a)pyrene	23.29	252	546781	36.96	ng	98
90) Dibenzo(a,h)anthracene	25.63	278	513994	35.73	ng	97
91) Benzo(g,h,i)perylene	26.31	276	522494	35.70	ng	99

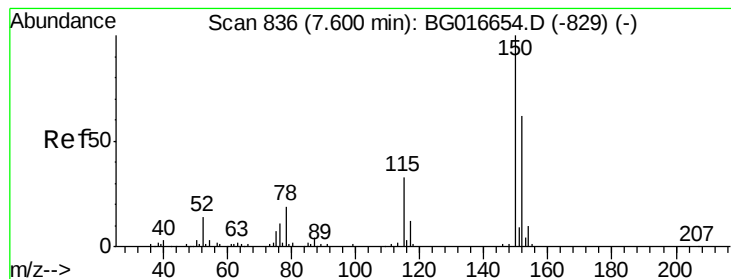
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

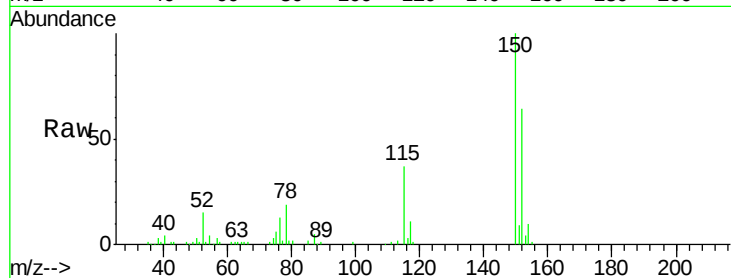
Tgt Ion:152 Resp: 51256

Ion Ratio Lower Upper

152 100

150 155.9 129.6 194.4

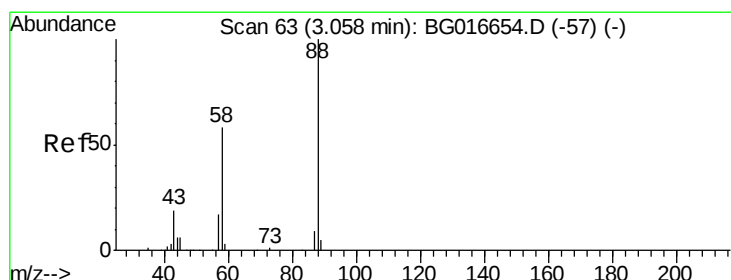
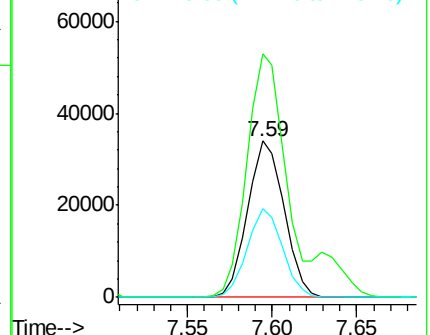
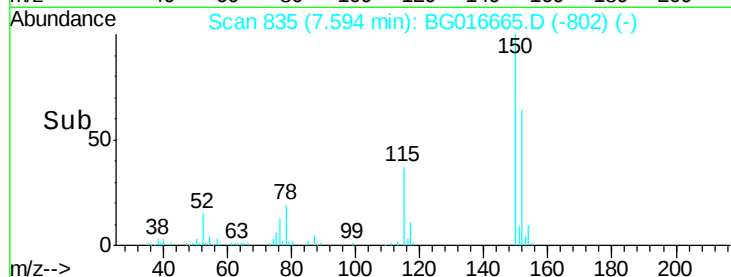
115 57.1 43.0 64.6



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: 30.51 ng

RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

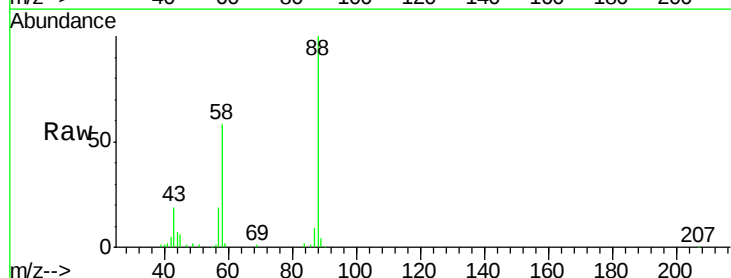
Tgt Ion: 88 Resp: 41743

Ion Ratio Lower Upper

88 100

58 57.8 46.8 70.2

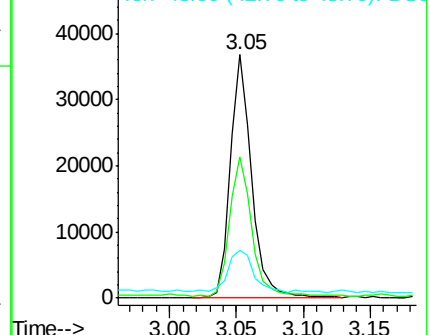
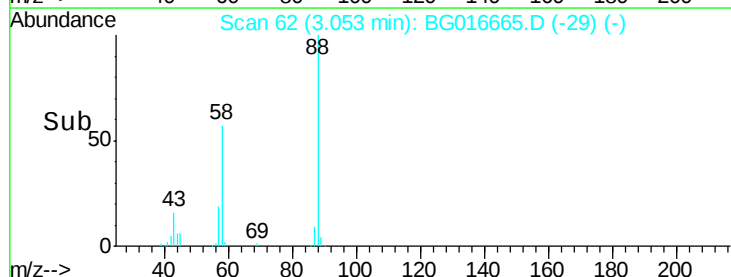
43 20.4 15.8 23.8



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: 29.77 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

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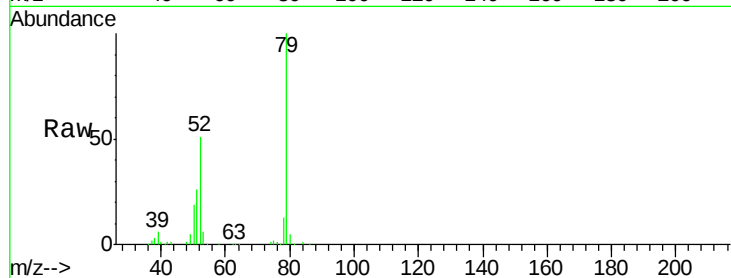
Tgt Ion: 79 Resp: 115649

Ion Ratio Lower Upper

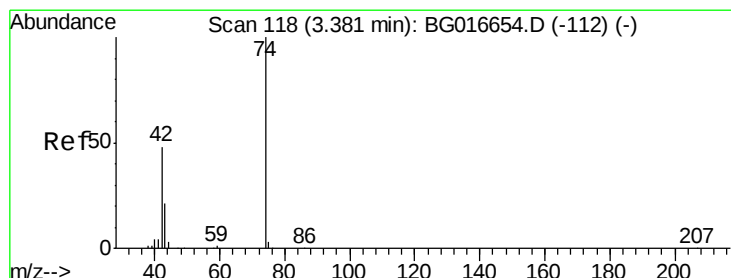
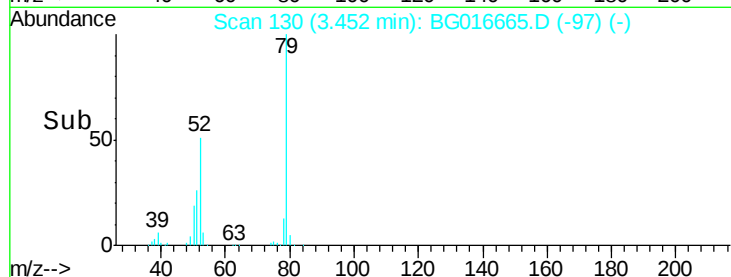
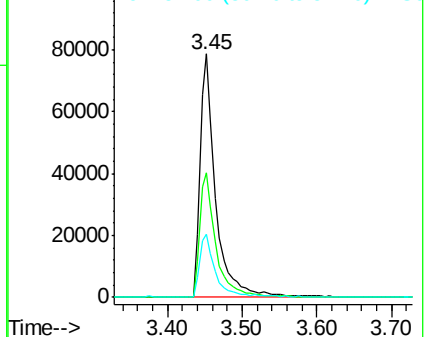
79 100

52 51.0 42.7 64.1

51 26.0 20.5 30.7



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



#4

n-Nitrosodimethylamine

Concen: 33.17 ng

RT: 3.38 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

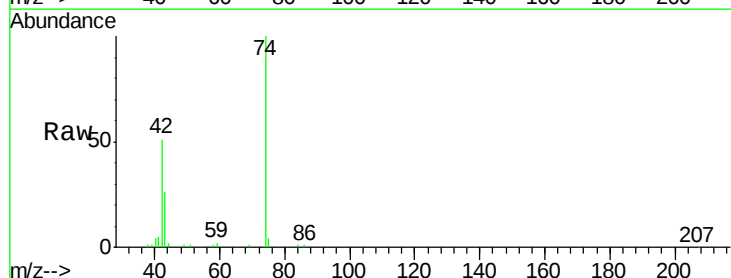
Tgt Ion: 42 Resp: 38023

Ion Ratio Lower Upper

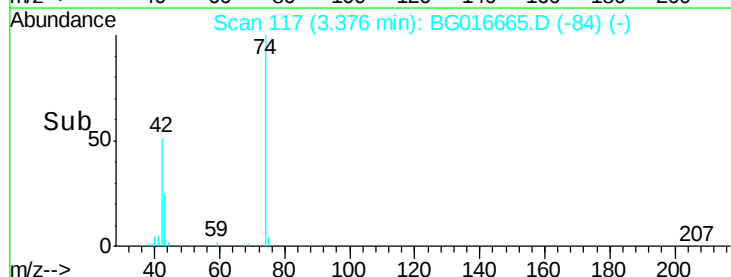
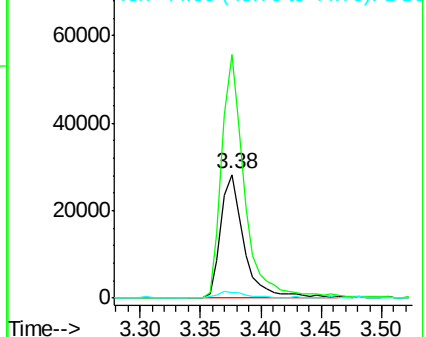
42 100

74 197.1 165.6 248.4

44 4.9 5.0 7.6#



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





#5

2-Fluorophenol

Concen: 119.13 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

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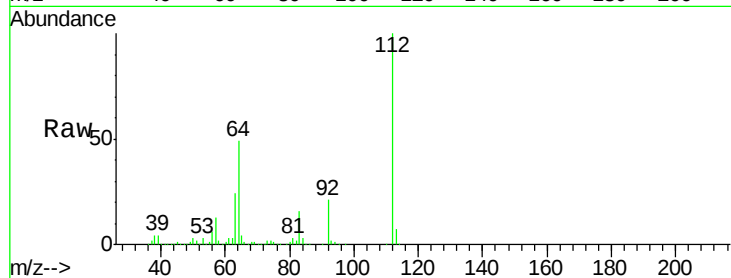
Tgt Ion: 112 Resp: 376281

Ion Ratio Lower Upper

112 100

64 49.0 38.3 57.5

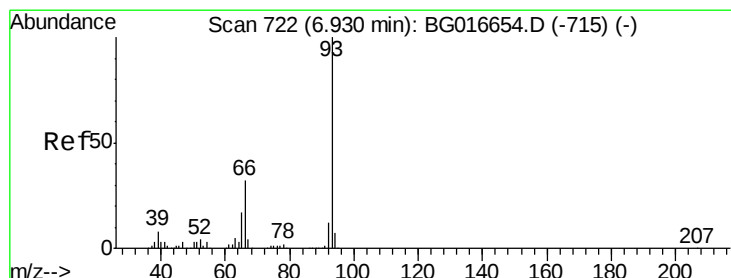
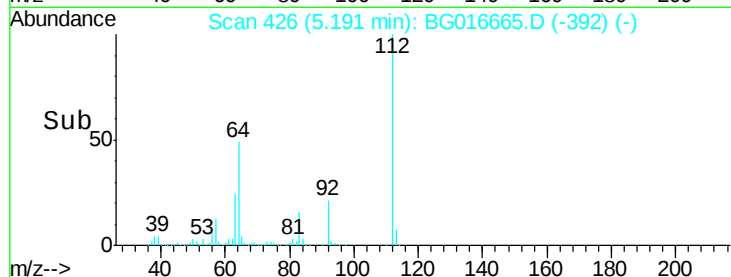
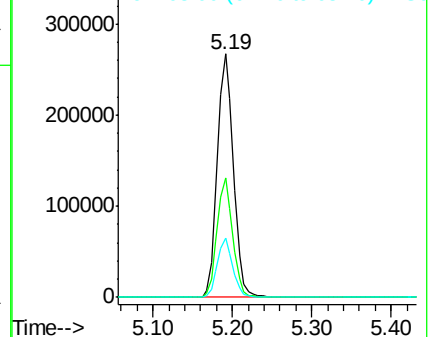
63 24.4 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.92 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

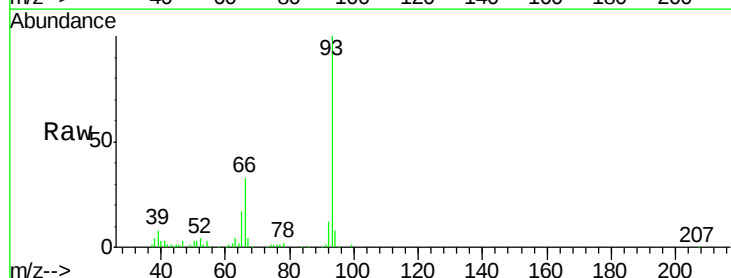
Tgt Ion: 93 Resp: 133188

Ion Ratio Lower Upper

93 100

66 33.1 25.4 38.2

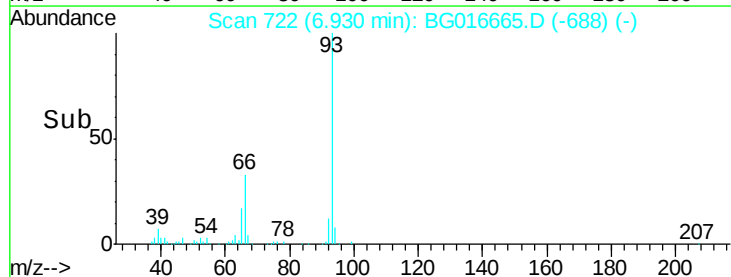
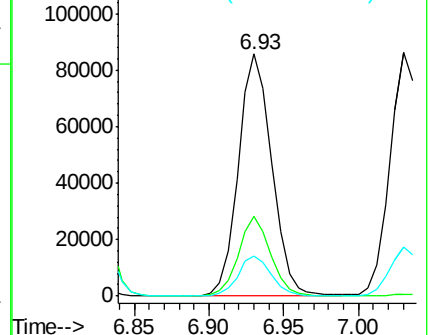
65 16.6 13.8 20.6

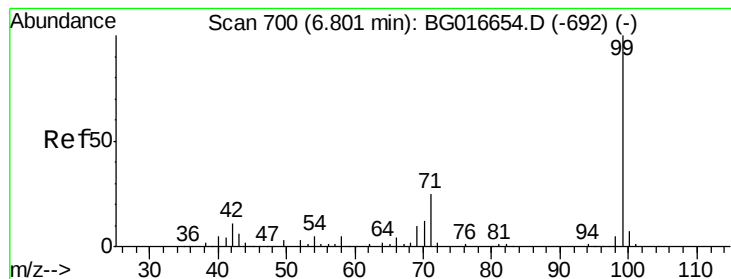


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.24 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

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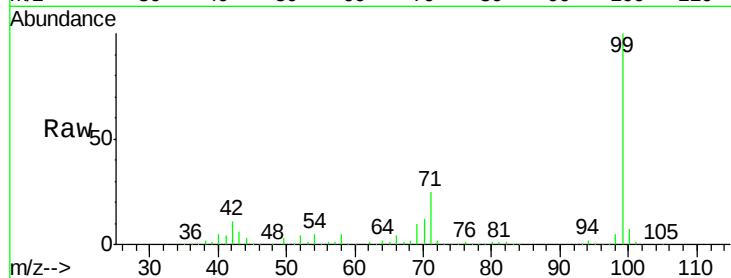
Tgt Ion: 99 Resp: 519524

Ion Ratio Lower Upper

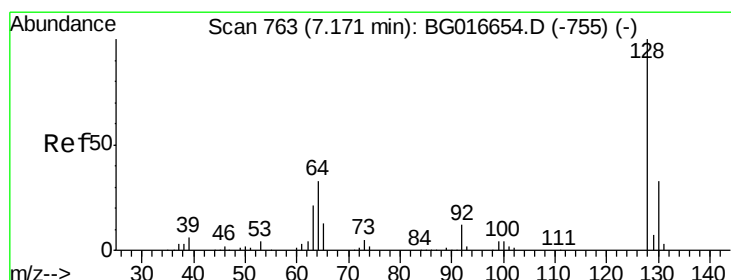
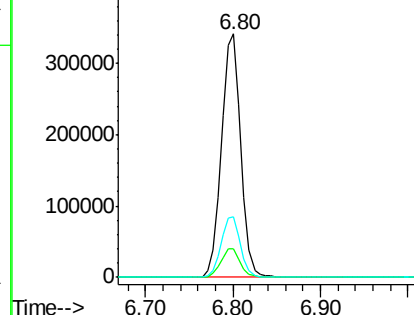
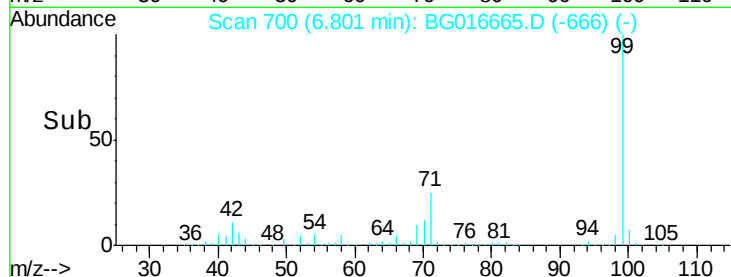
99 100

42 11.5 8.8 13.2

71 25.1 19.9 29.9



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: 37.23 ng

RT: 7.17 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

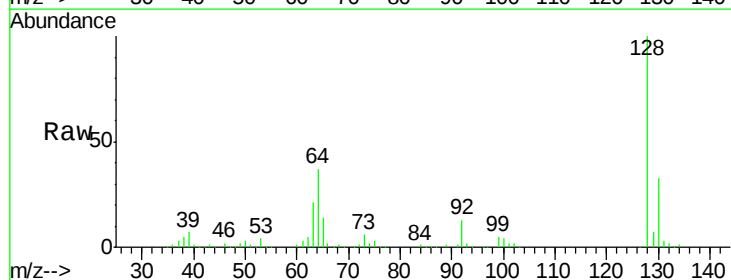
Tgt Ion: 128 Resp: 145348

Ion Ratio Lower Upper

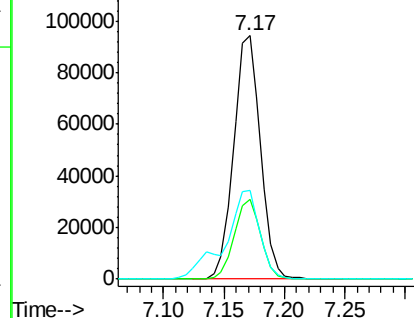
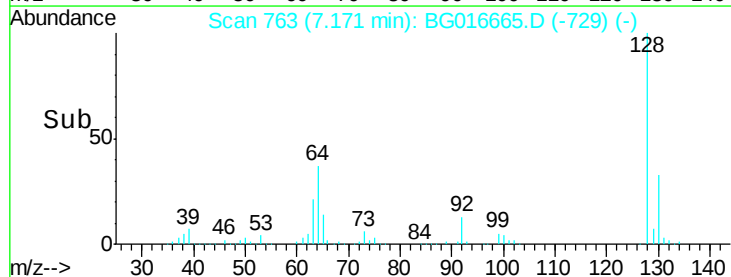
128 100

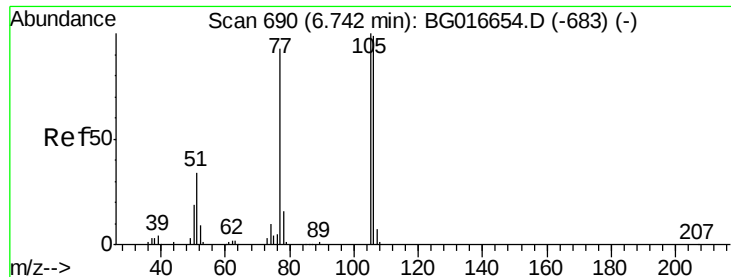
130 32.6 13.5 53.5

64 36.5 15.8 55.8



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: 6.87 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

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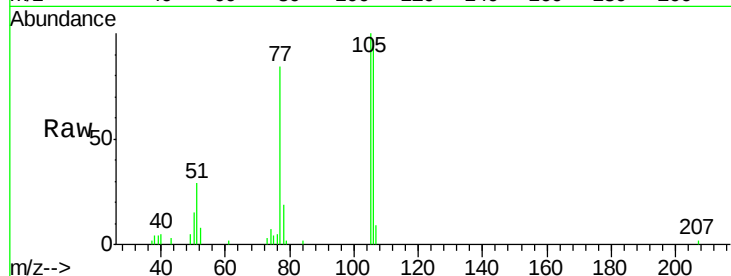
Tgt Ion: 77 Resp: 12436

Ion Ratio Lower Upper

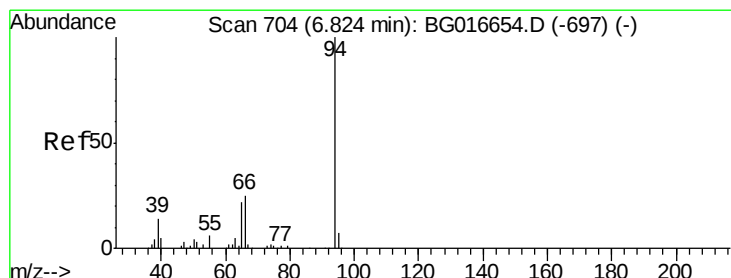
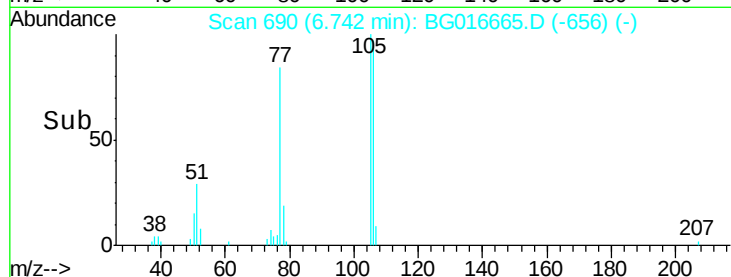
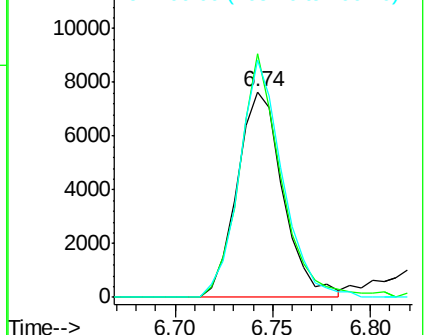
77 100

105 118.5 88.0 128.0

106 115.3 86.6 126.6



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



#10

Phenol

Concen: 38.48 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

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Acq: 23 Apr 2015 22:37

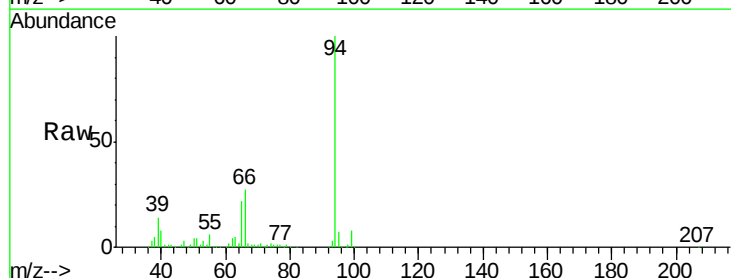
Tgt Ion: 94 Resp: 179723

Ion Ratio Lower Upper

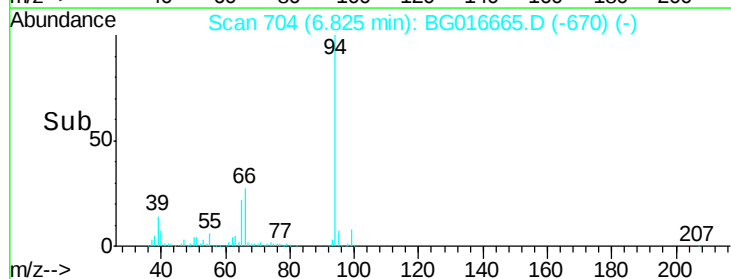
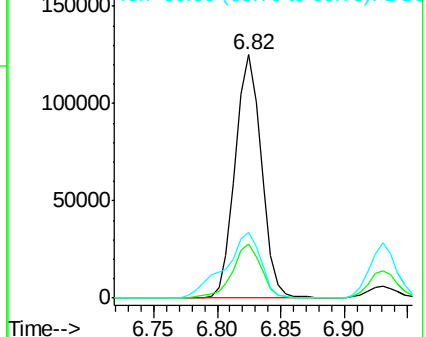
94 100

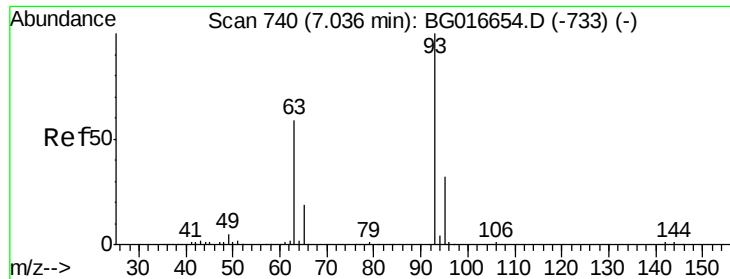
65 22.4 2.6 42.6

66 26.8 7.0 47.0



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

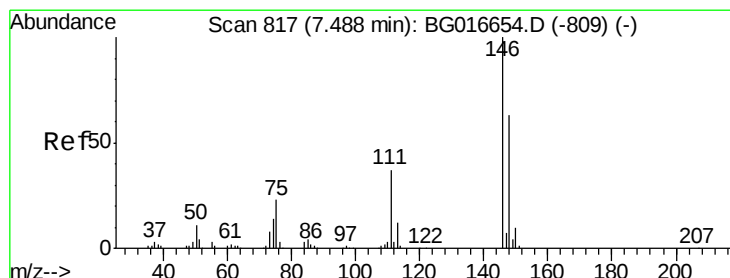
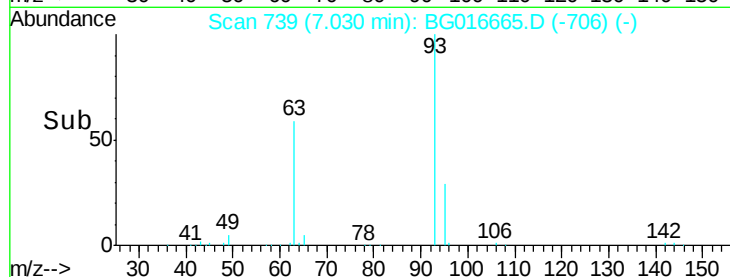
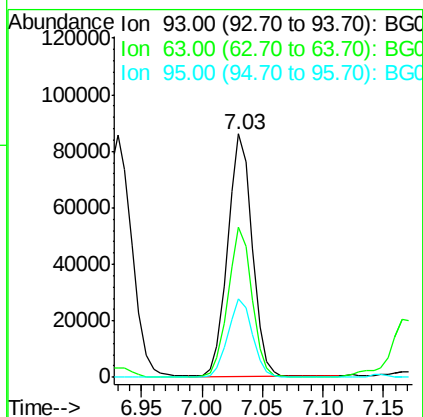
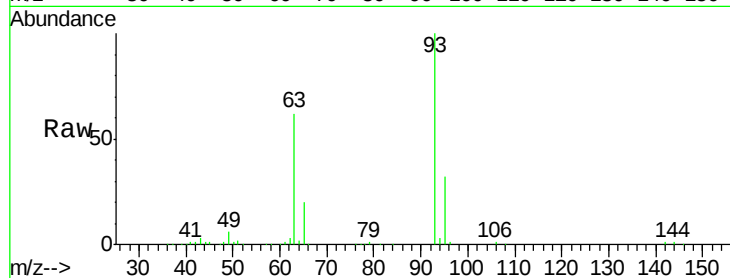




#11
 bis(2-Chloroethyl)ether
 Concen: 33.39 ng
 RT: 7.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

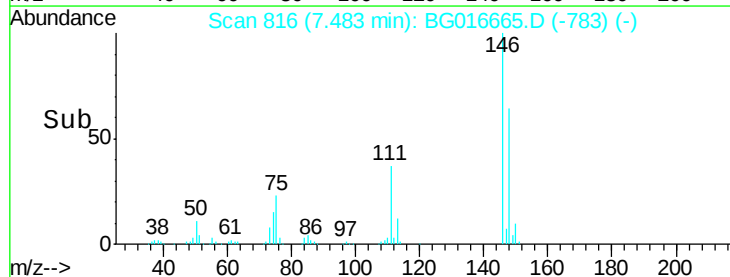
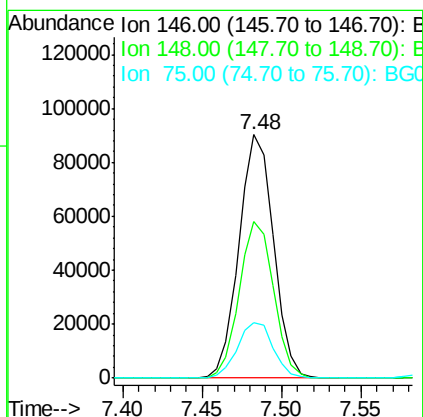
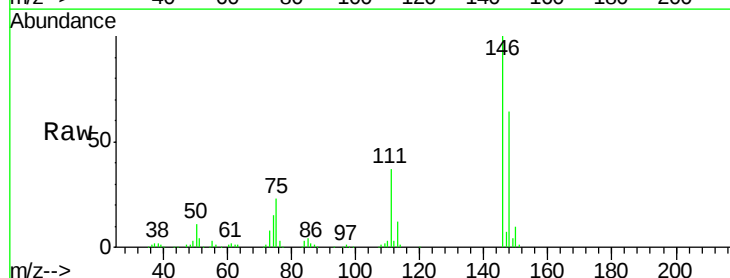
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

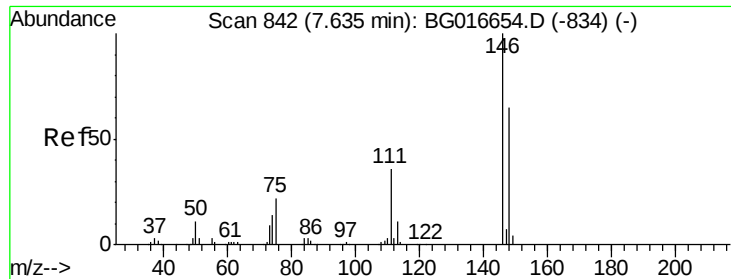
Tgt Ion: 93 Resp: 121746
 Ion Ratio Lower Upper
 93 100
 63 61.6 39.2 79.2
 95 32.4 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 33.75 ng
 RT: 7.48 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion: 146 Resp: 136272
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.4
 75 22.7 18.4 27.6

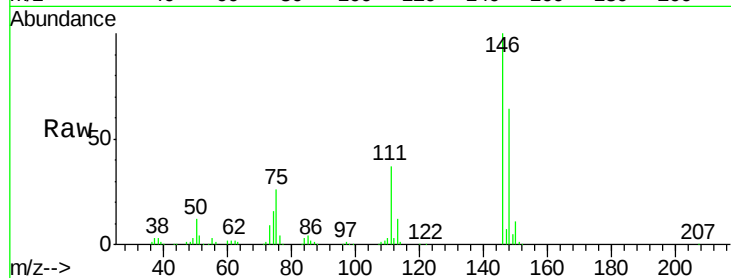




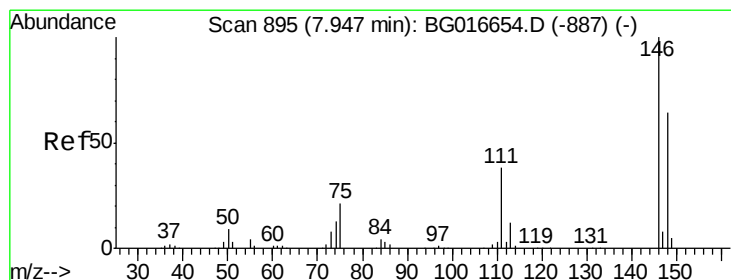
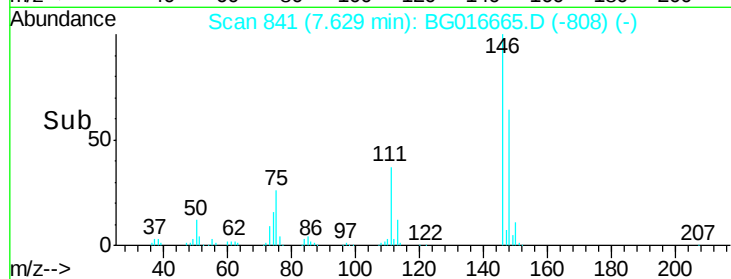
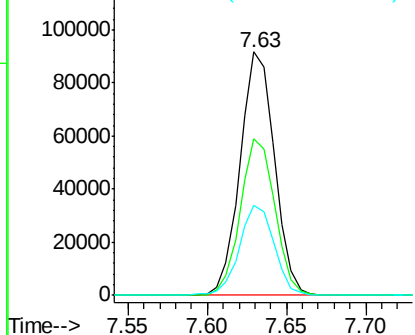
#13
 1,4-Dichlorobenzene
 Concen: 33.39 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleID :
 PB82952BS

Tgt Ion:146 Resp: 137824
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 36.8 29.0 43.4

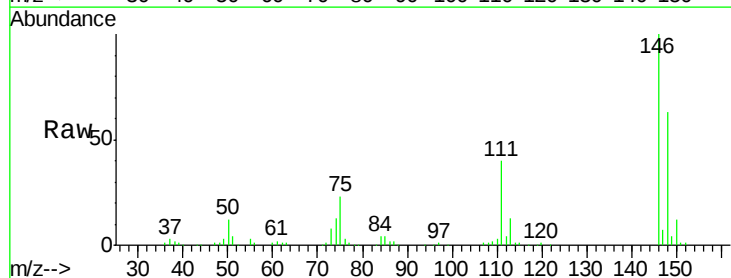


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

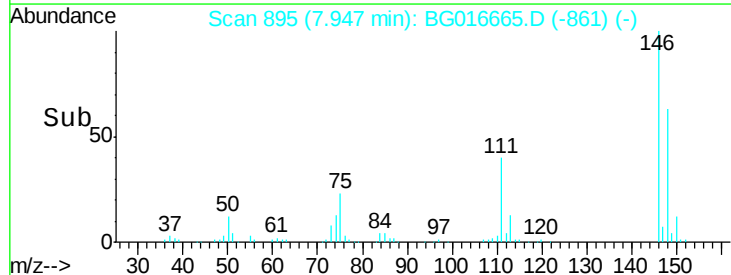
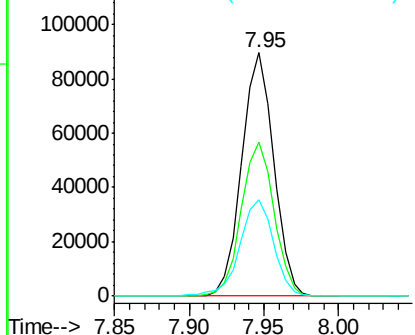


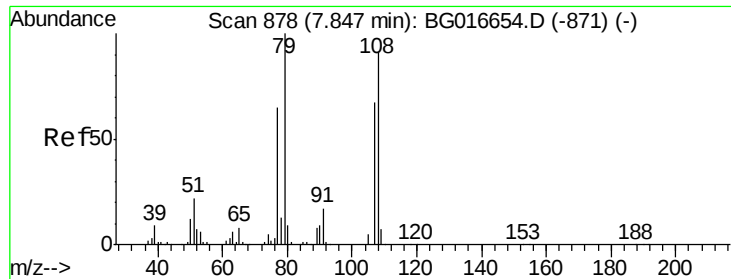
#14
 1,2-Dichlorobenzene
 Concen: 33.66 ng
 RT: 7.95 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:146 Resp: 132639
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 39.8 31.0 46.4



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: 35.11 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

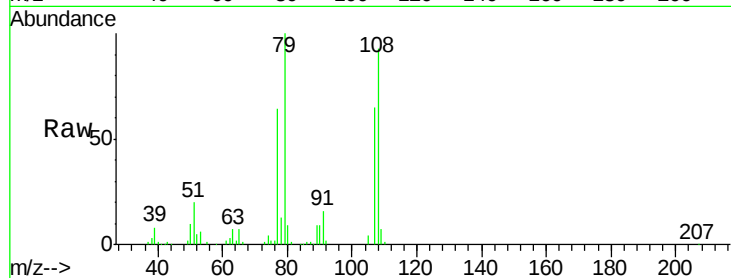
Tgt Ion: 79 Resp: 97630

Ion Ratio Lower Upper

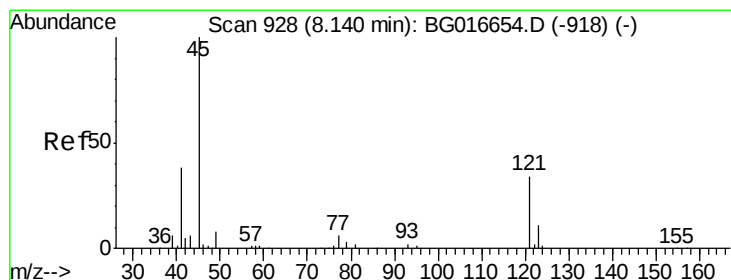
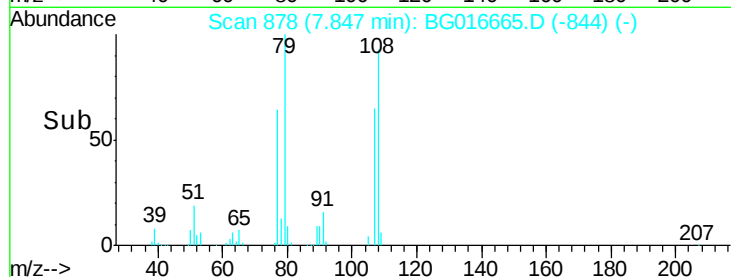
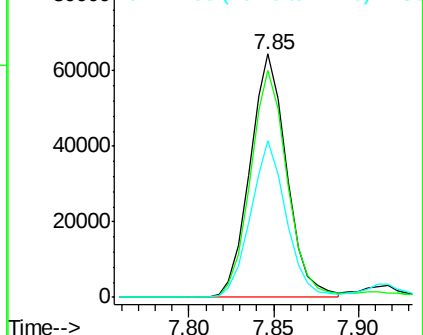
79 100

108 93.2 73.0 109.4

77 64.2 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.36 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

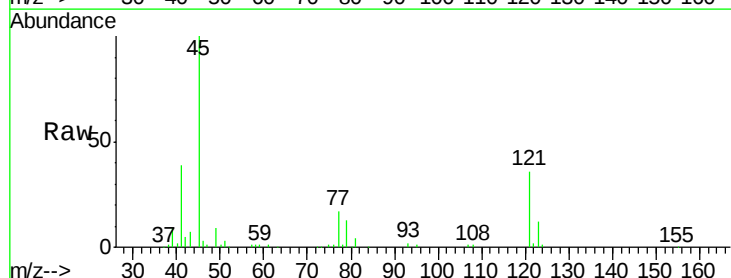
Tgt Ion: 45 Resp: 120682

Ion Ratio Lower Upper

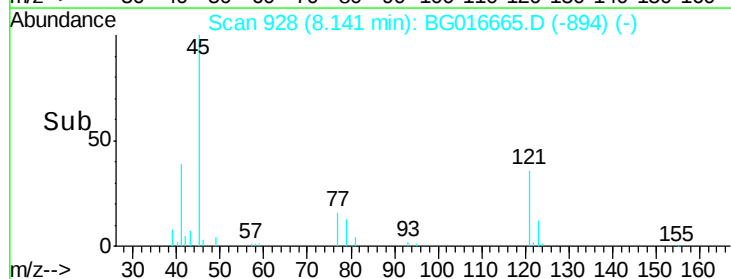
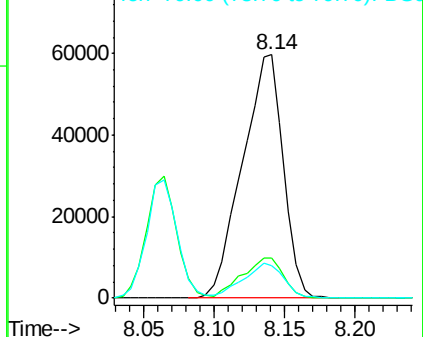
45 100

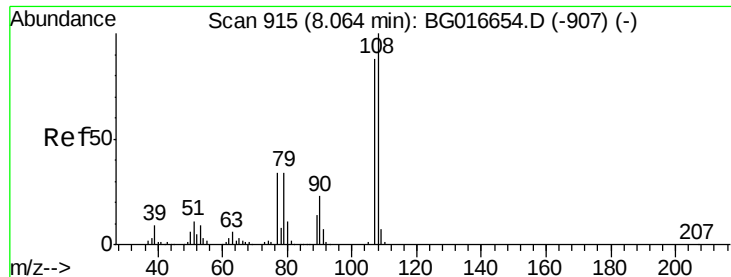
77 16.7 0.0 37.3

79 13.5 0.0 34.7



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





#17

2-Methylphenol

Concen: 38.16 ng

RT: 8.06 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

Tgt Ion:107 Resp: 119167

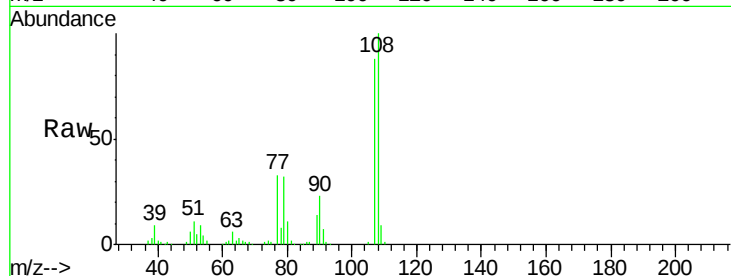
Ion Ratio Lower Upper

107 100

108 113.8 90.6 135.8

77 38.0 31.4 47.0

79 36.8 30.9 46.3

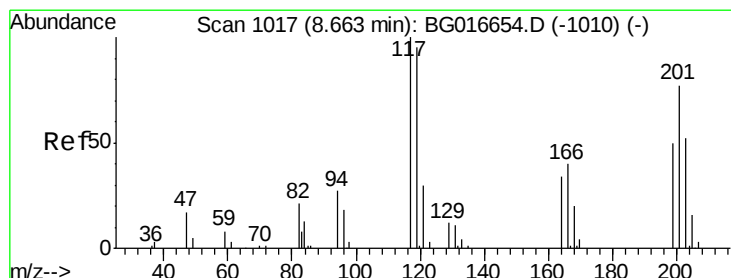
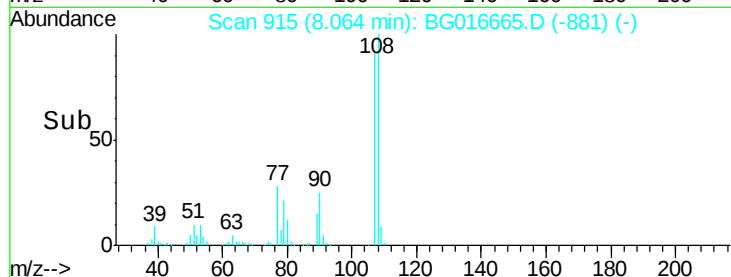
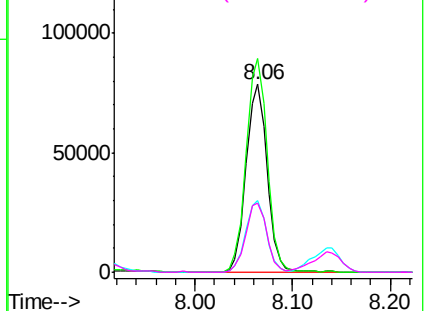


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.65 ng

RT: 8.66 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

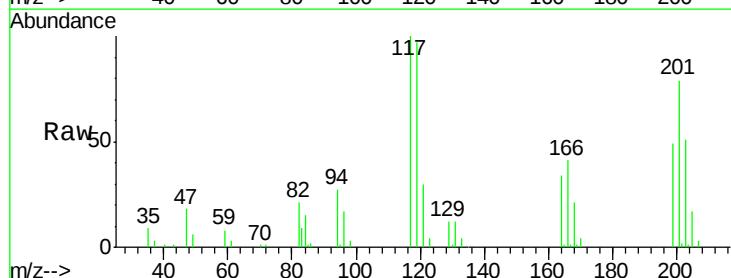
Tgt Ion:117 Resp: 48964

Ion Ratio Lower Upper

117 100

119 97.1 76.3 114.5

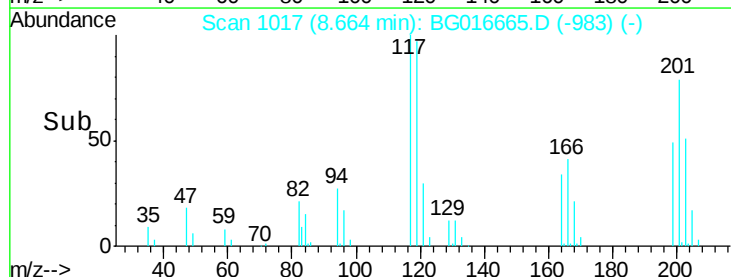
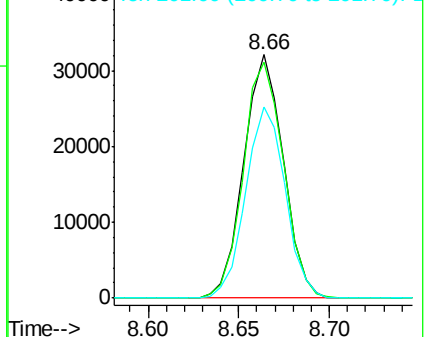
201 78.6 61.5 92.3

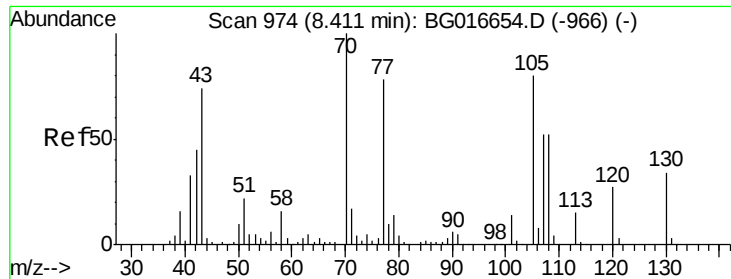


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

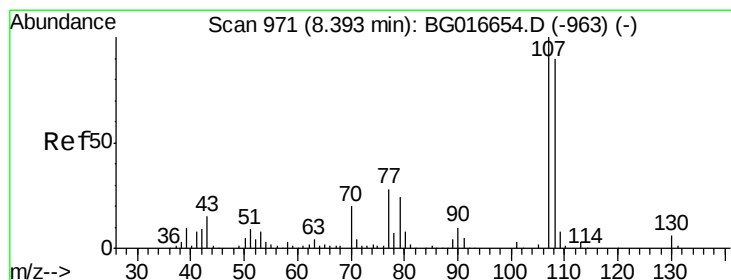
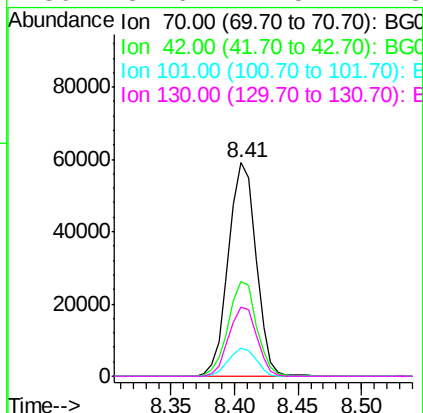
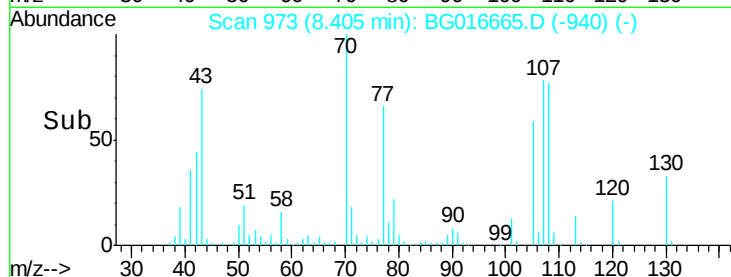
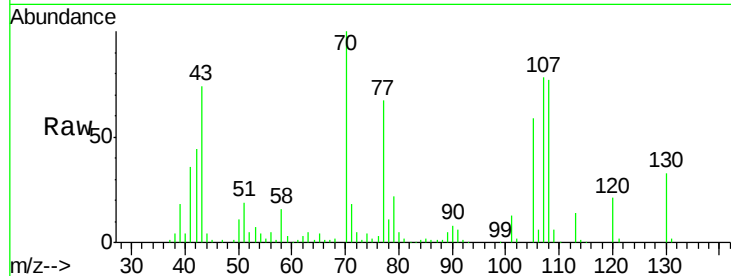




#19
n-Nitroso-di-n-propylamine
Concen: 32.34 ng
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

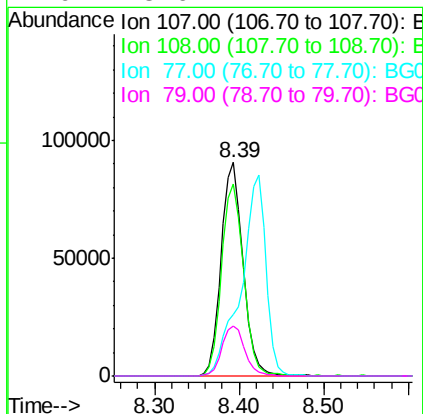
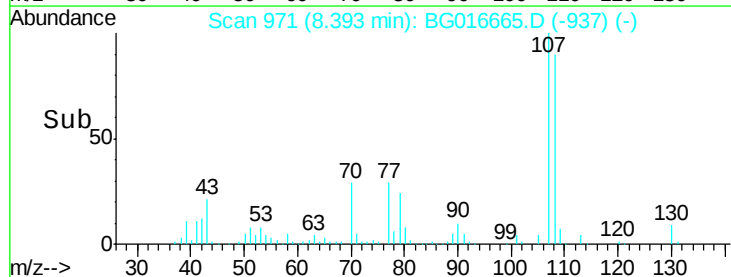
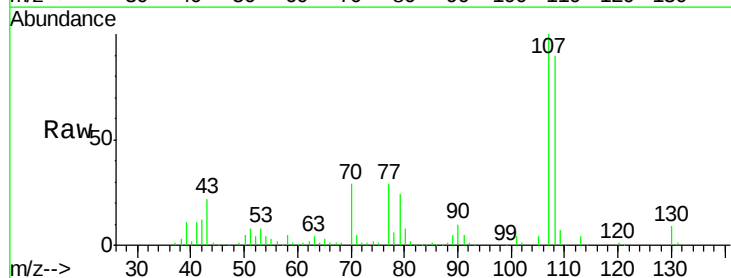
Instrument :
BNA_F
ClientSampleId :
PB82952BS

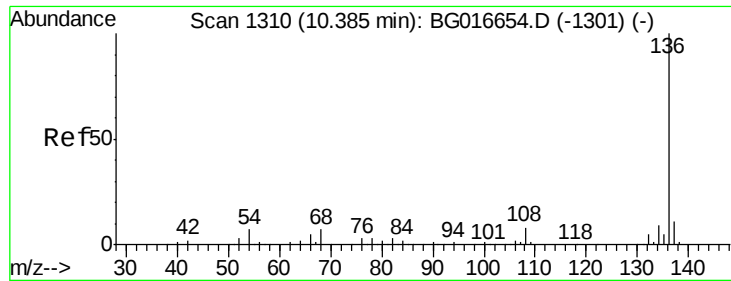
Tgt Ion:	70	Resp:	89333
Ion	Ratio	Lower	Upper
70	100		
42	44.3	35.7	53.5
101	13.5	11.0	16.4
130	32.6	27.5	41.3



#20
3+4-Methylphenols
Concen: 37.32 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	107	Resp:	163879
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.5	109.5
77	28.6	8.2	48.2
79	23.6	4.2	44.2

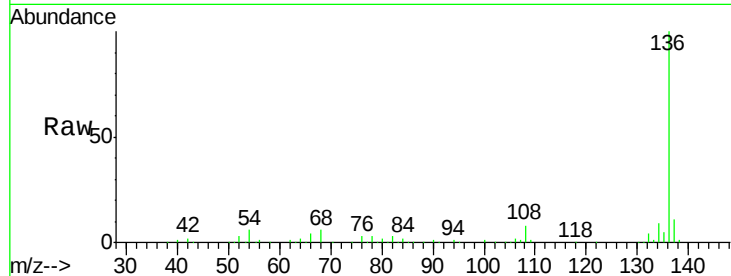




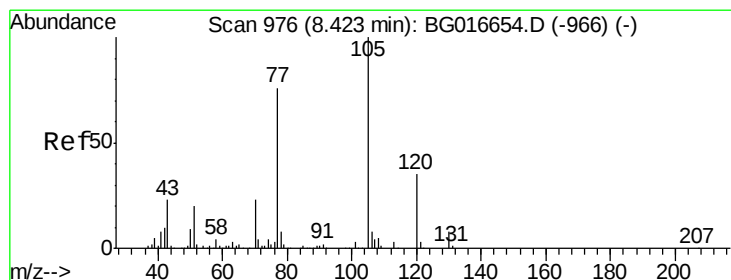
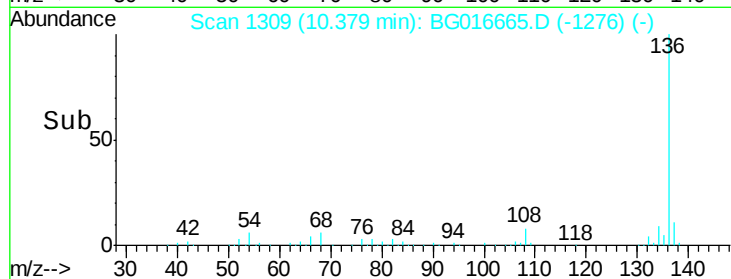
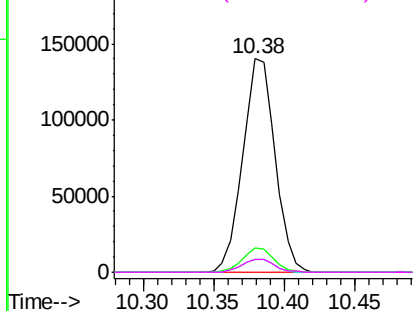
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82952BS

Tgt Ion:	136	Resp:	225158
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.2	5.4	8.2
68	6.0	5.2	7.8

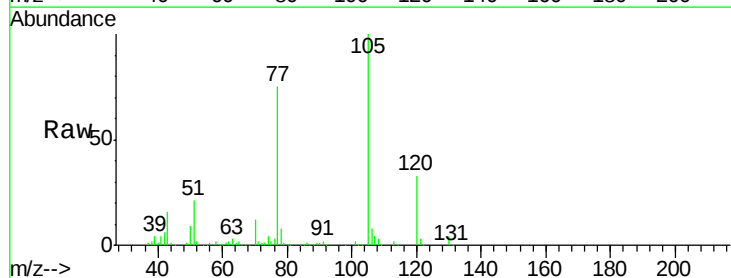


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

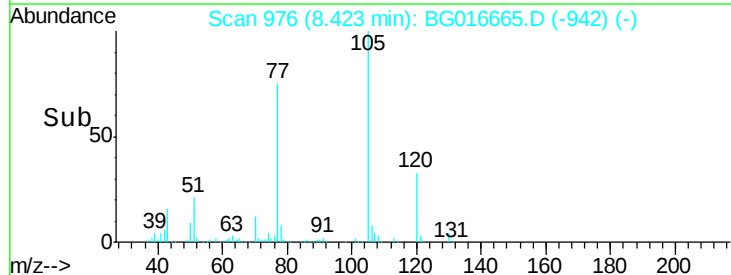
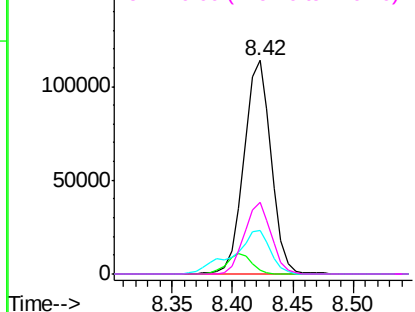


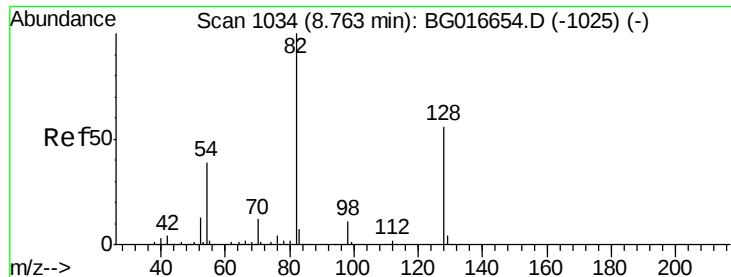
#22
Acetophenone
Concen: 36.12 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	105	Resp:	178481
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.0	4.4#
51	20.6	16.5	24.7
120	33.5	27.8	41.6



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

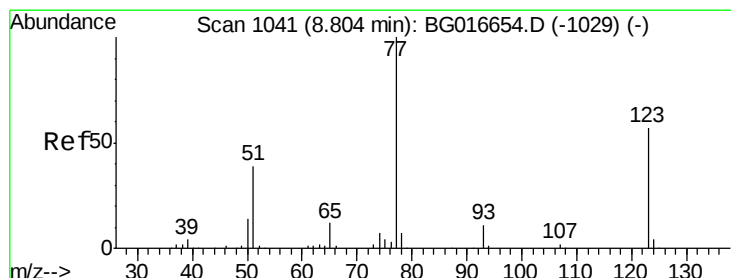
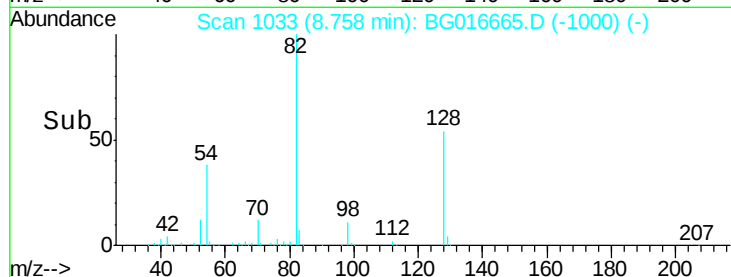
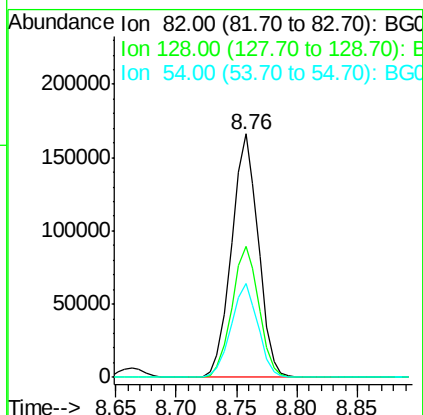
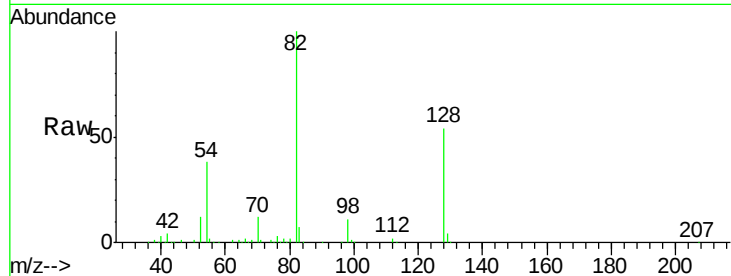




#23
 Nitrobenzene-d5
 Concen: 71.88 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

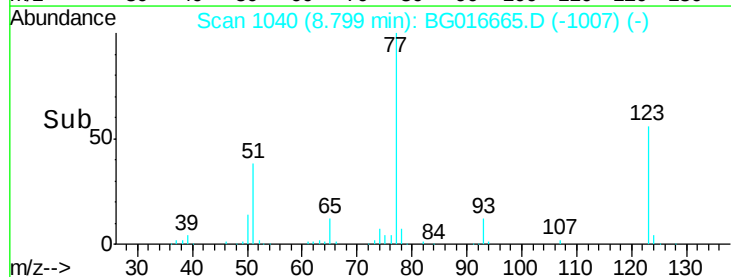
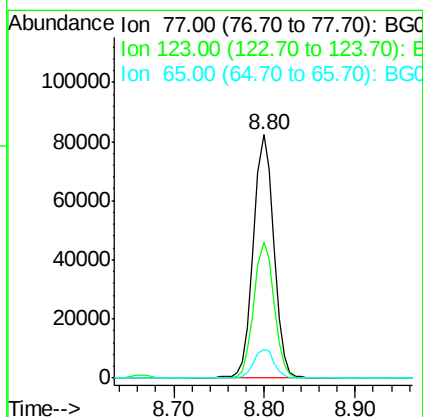
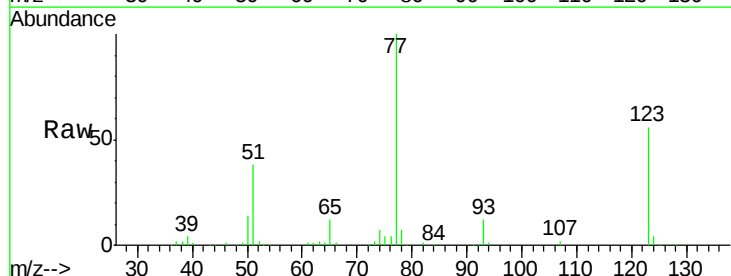
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

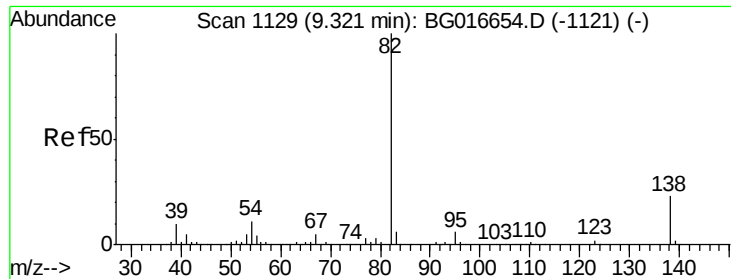
Tgt Ion: 82 Resp: 256121
 Ion Ratio Lower Upper
 82 100
 128 53.8 44.7 67.1
 54 38.5 30.9 46.3



#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion: 77 Resp: 128498
 Ion Ratio Lower Upper
 77 100
 123 55.9 45.6 68.4
 65 11.6 9.4 14.2





#25

Isophorone

Concen: 33.61 ng

RT: 9.32 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

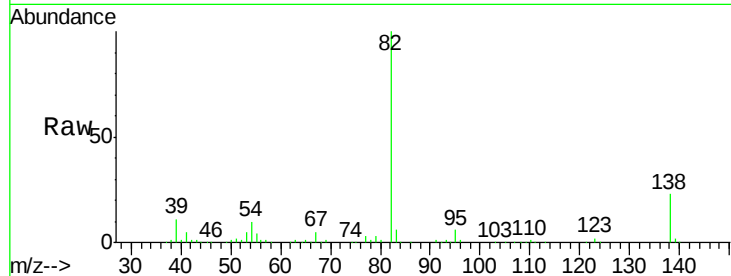
Tgt Ion: 82 Resp: 248208

Ion Ratio Lower Upper

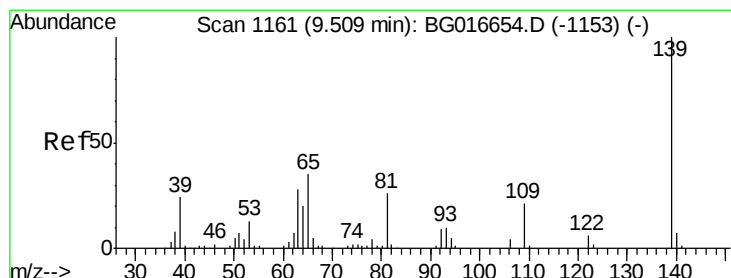
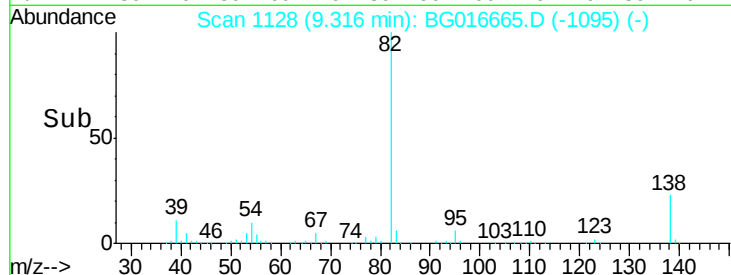
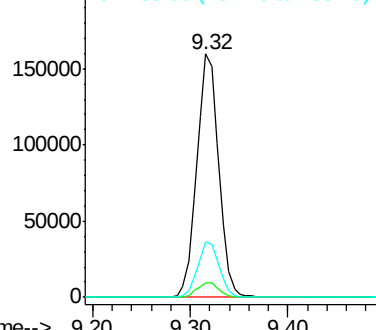
82 100

95 6.0 5.0 7.6

138 22.8 18.2 27.2



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



#26

2-Nitrophenol

Concen: 35.11 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

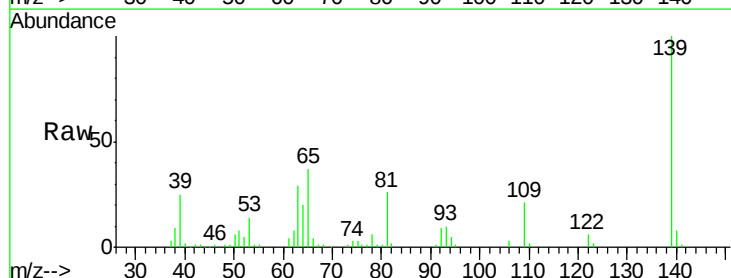
Tgt Ion: 139 Resp: 76235

Ion Ratio Lower Upper

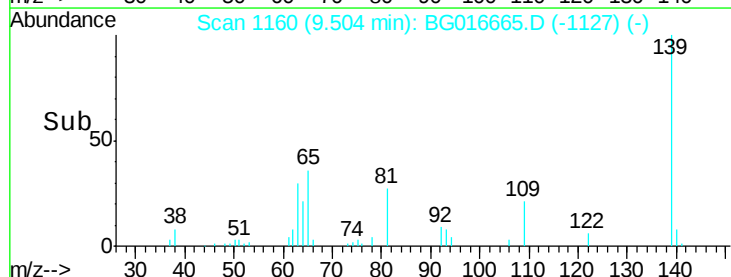
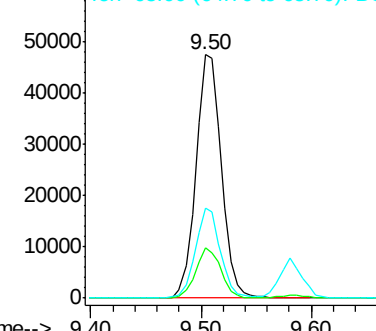
139 100

109 20.6 17.0 25.6

65 37.2 28.2 42.4



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

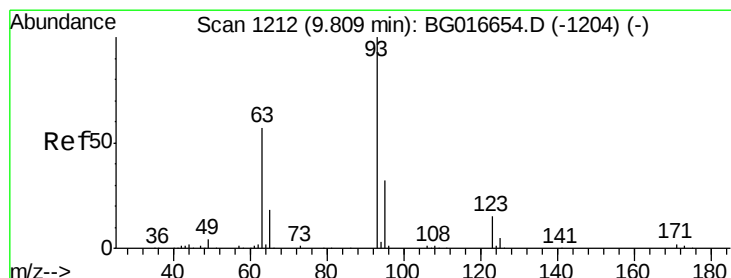
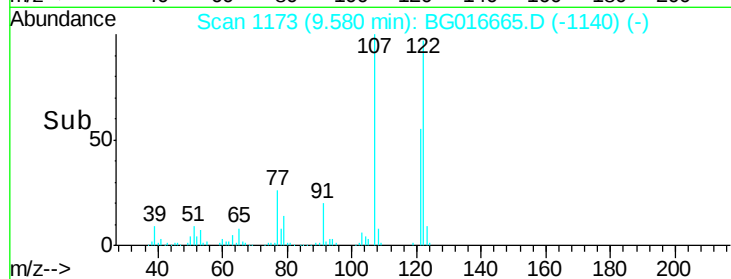
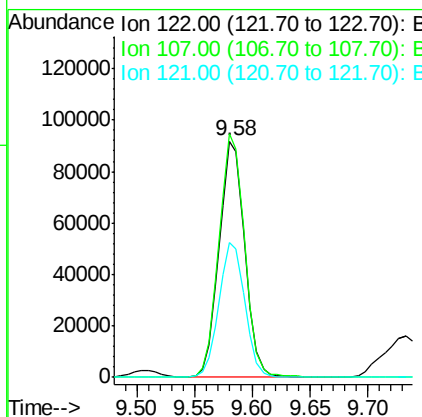
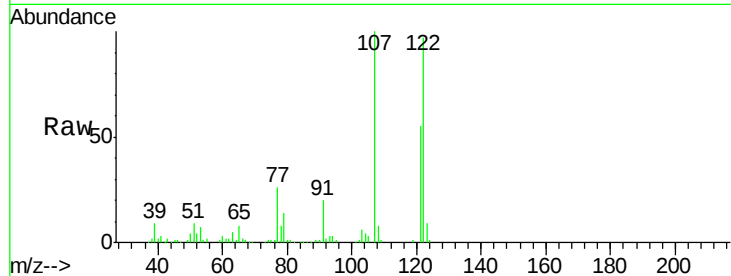




#27
 2,4-Dimethylphenol
 Concen: 38.89 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

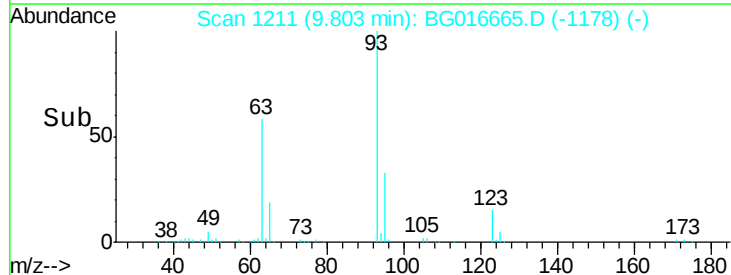
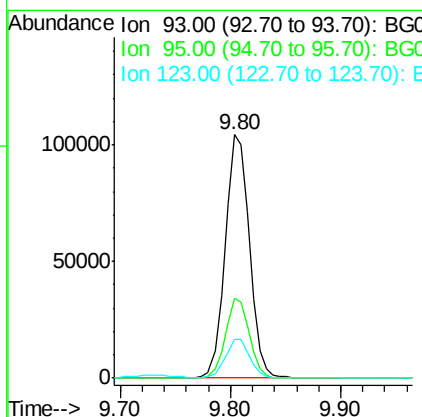
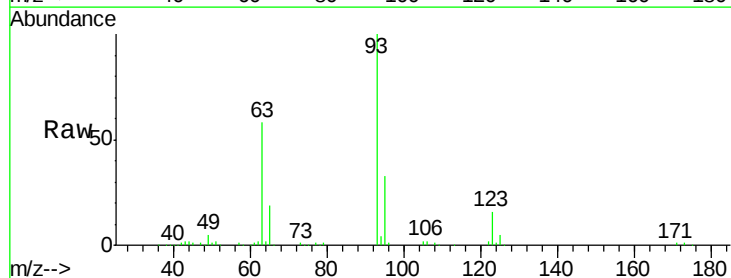
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

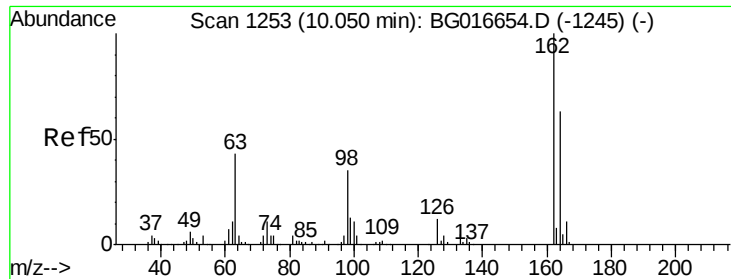
Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.2	83.6	125.4
121	56.9	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.97 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.2
123	15.7	12.2	18.4

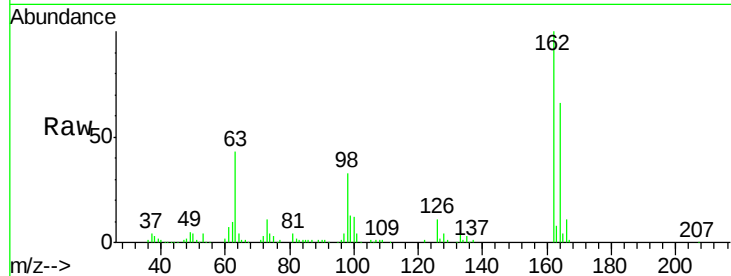




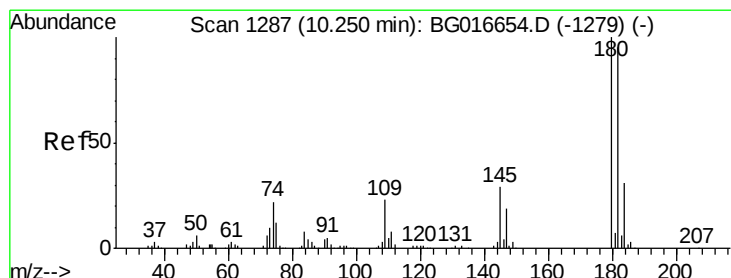
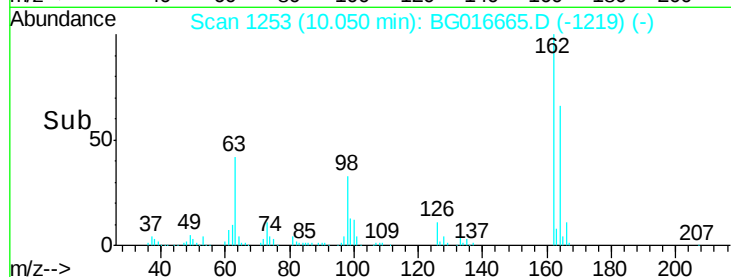
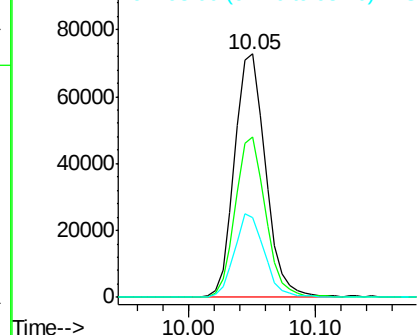
#29
 2,4-Dichlorophenol
 Concen: 39.98 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.9	82.9
98	32.7	15.4	55.4

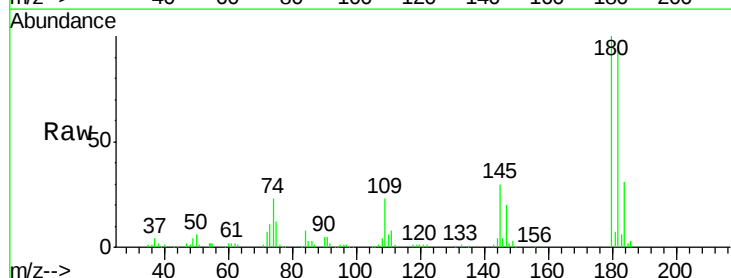


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

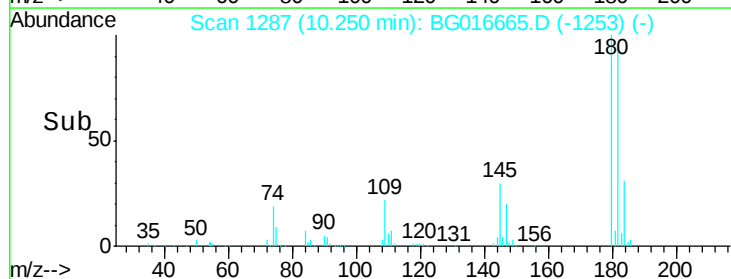
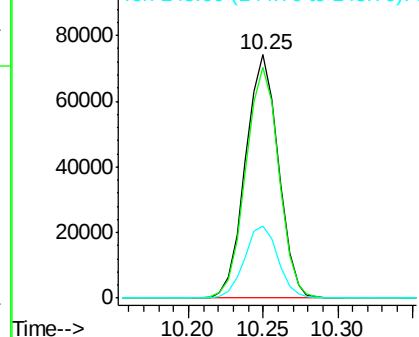


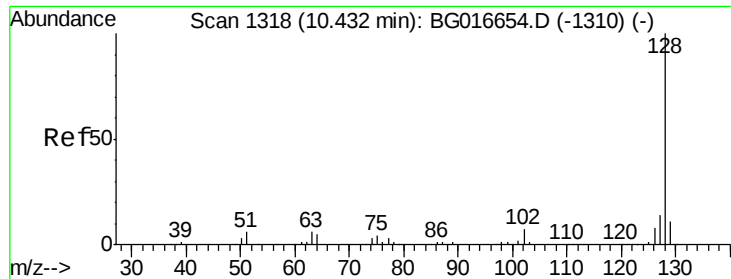
#30
 1,2,4-Trichlorobenzene
 Concen: 34.54 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	29.7	23.2	34.8



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

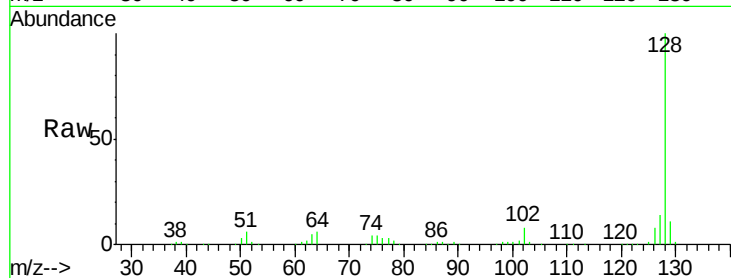




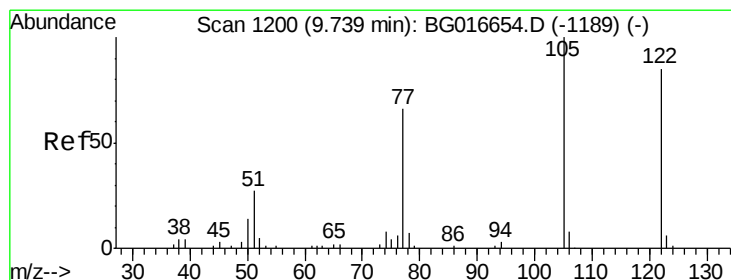
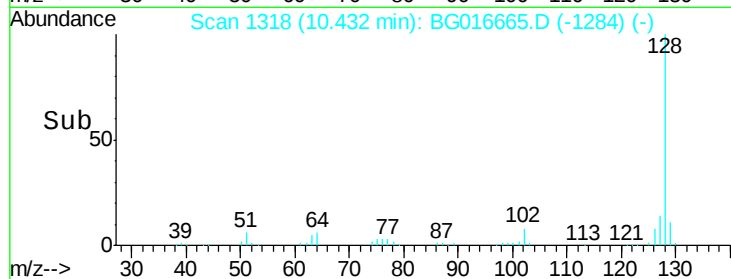
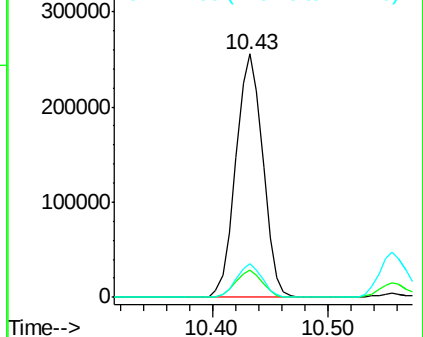
#31
Naphthalene
Concen: 34.77 ng
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82952BS

Tgt Ion:128 Resp: 412838
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 11.1 16.7

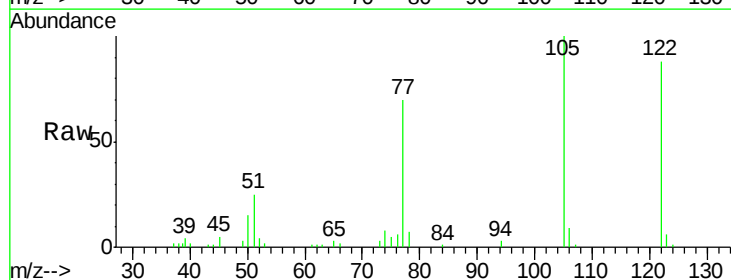


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

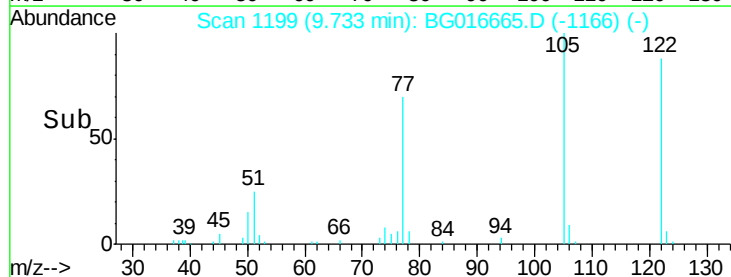
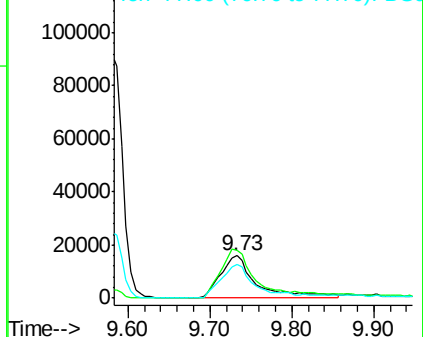


#32
Benzoic acid
Concen: 29.48 ng
RT: 9.73 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:122 Resp: 49722
Ion Ratio Lower Upper
122 100
105 114.3 97.2 137.2
77 80.3 58.4 98.4



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

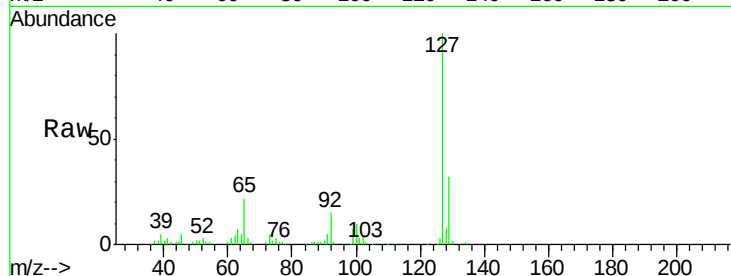




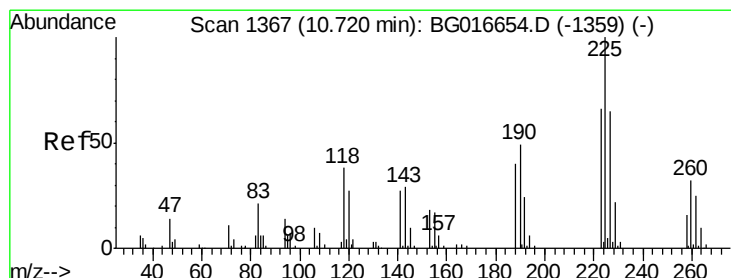
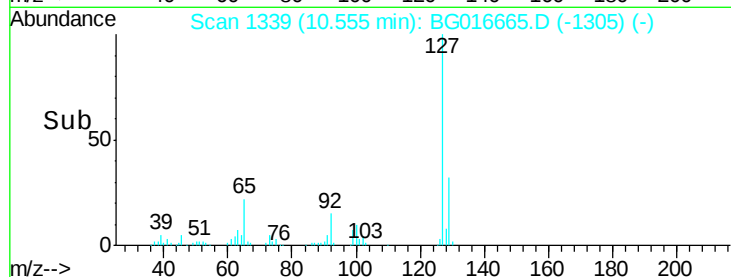
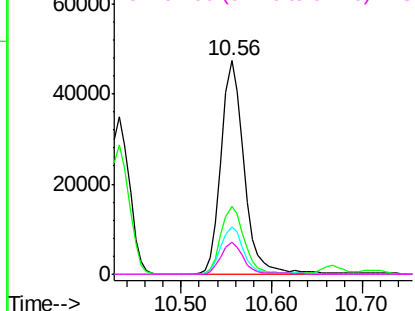
#33
4-Chloroaniline
Concen: 15.34 ng
RT: 10.56 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82952BS

Tgt Ion:	127	Resp:	83932
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.4	41.2
65	22.1	19.1	28.7
92	15.3	12.6	18.8

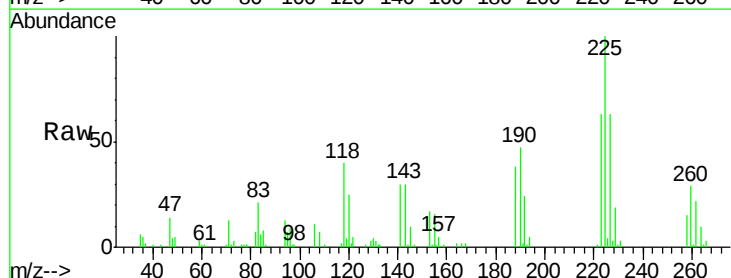


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

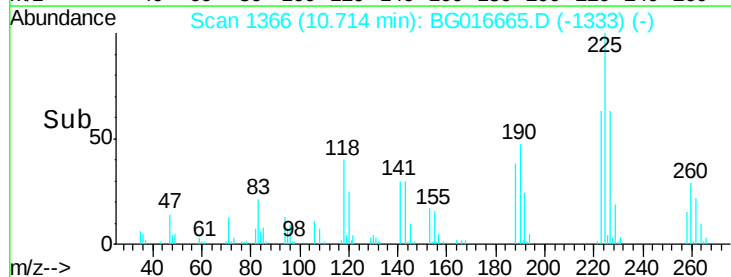
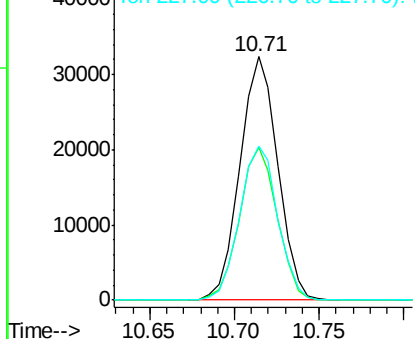


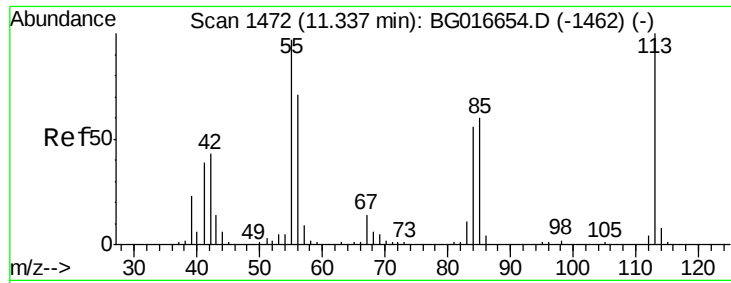
#34
Hexachlorobutadiene
Concen: 34.49 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:	225	Resp:	50325
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.6	79.0
227	63.3	52.0	78.0



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





#35

Caprolactam

Concen: 16.92 ng

RT: 11.32 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

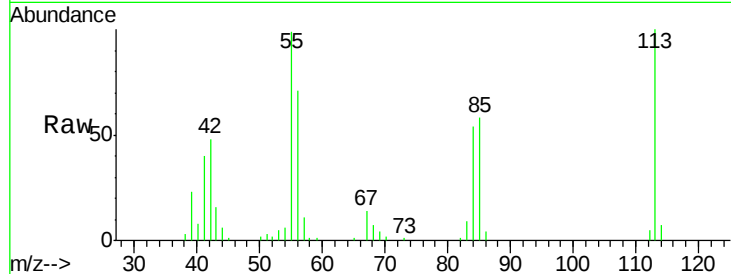
Tgt Ion:113 Resp: 28120

Ion Ratio Lower Upper

113 100

55 99.4 77.1 117.1

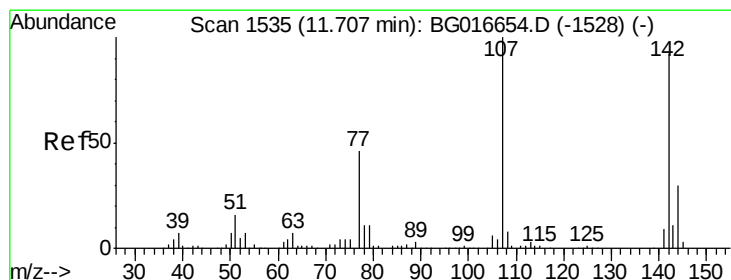
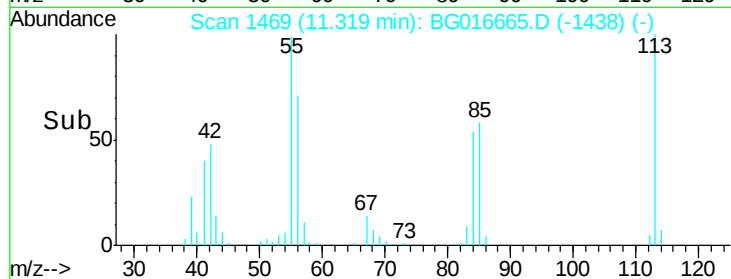
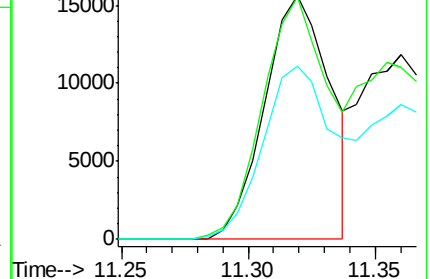
56 71.2 51.4 91.4



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: 38.83 ng

RT: 11.71 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

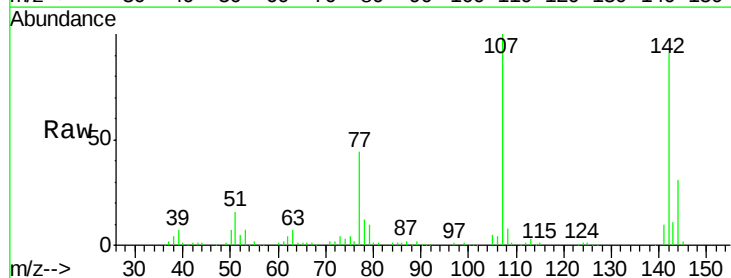
Tgt Ion:107 Resp: 139163

Ion Ratio Lower Upper

107 100

144 30.6 24.2 36.4

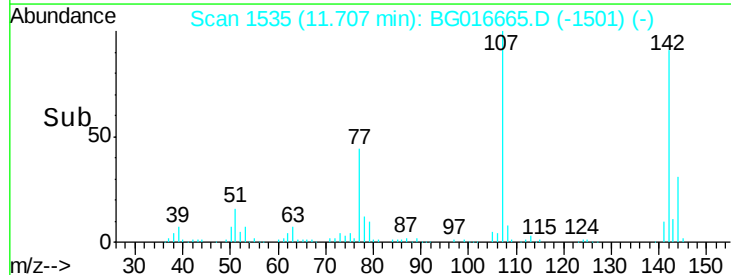
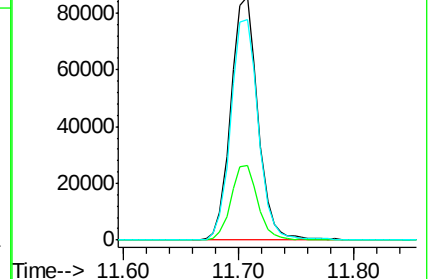
142 90.8 73.8 110.6

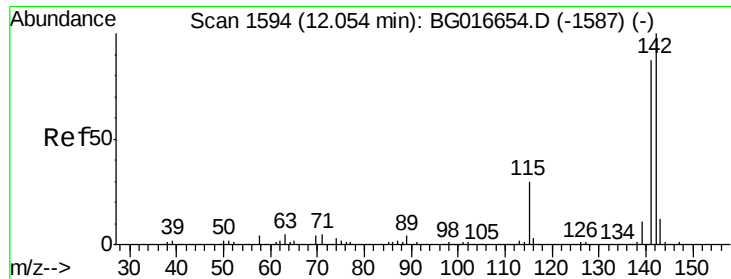


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

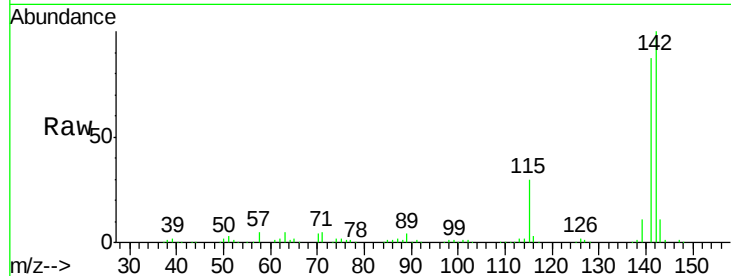




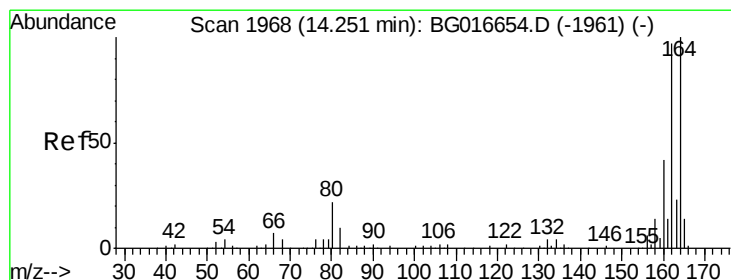
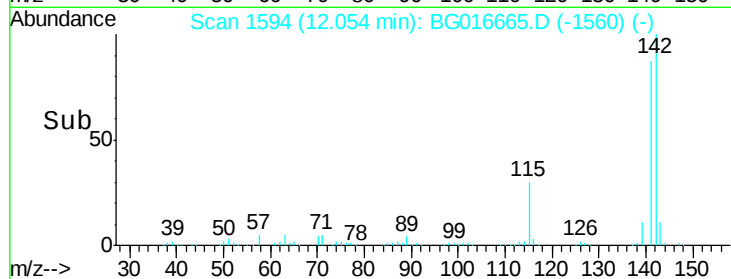
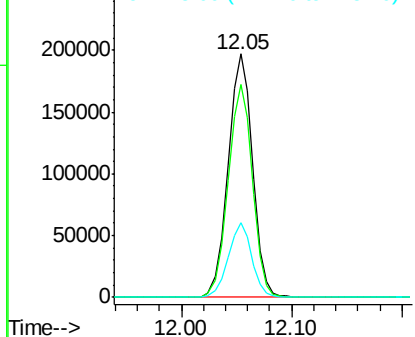
#37
2-Methylnaphthalene
Concen: 35.55 ng
RT: 12.05 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_F
ClientSampled :
PB82952BS

Tgt Ion:142 Resp: 304834
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9
115 30.5 24.0 36.0

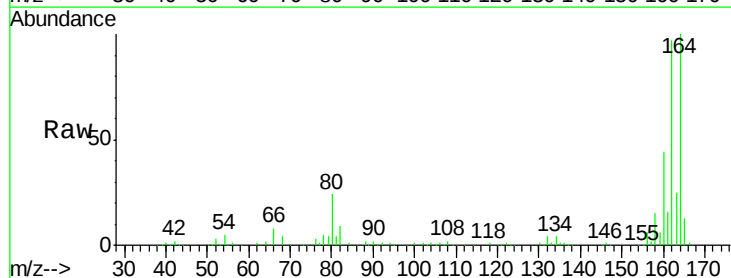


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

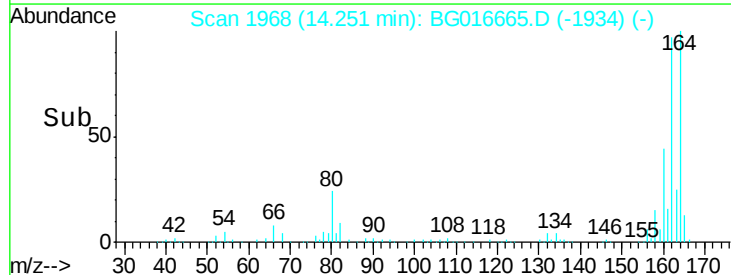
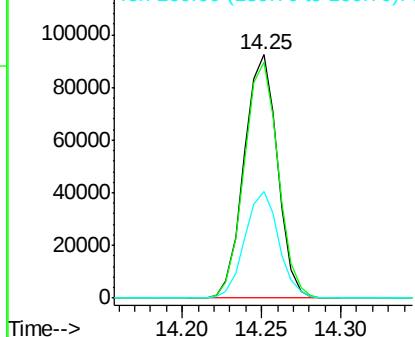


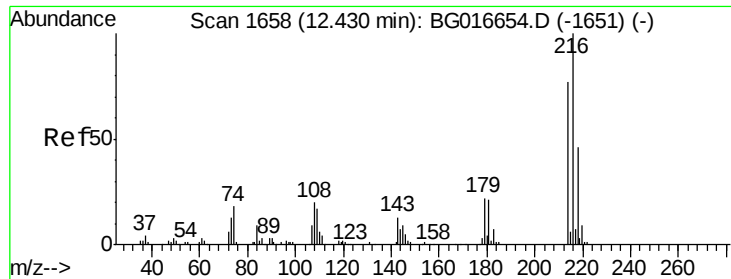
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:164 Resp: 134466
Ion Ratio Lower Upper
164 100
162 97.2 77.3 115.9
160 43.9 33.7 50.5



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: 34.50 ng

RT: 12.43 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

Tgt Ion:216 Resp: 110509

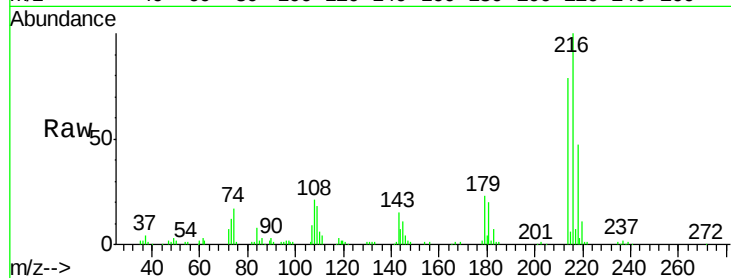
Ion Ratio Lower Upper

216 100

214 78.0 63.8 95.8

179 22.4 17.6 26.4

108 23.9 18.1 27.1

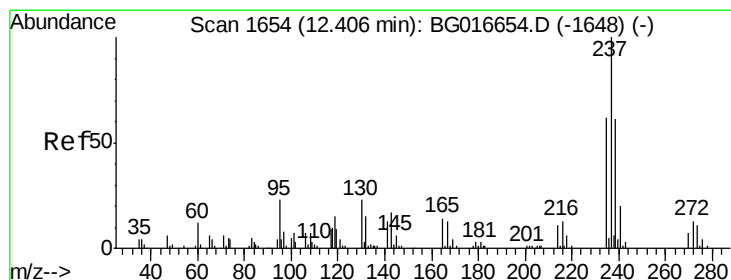
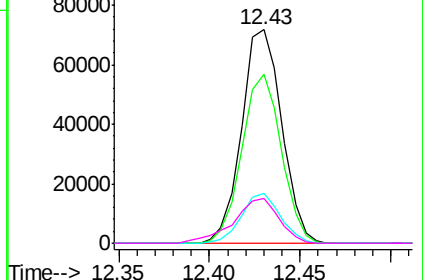
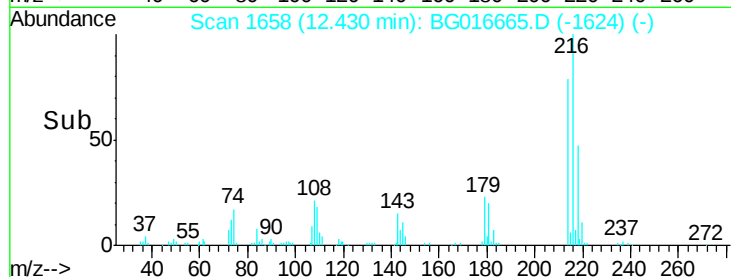


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.46 ng

RT: 12.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

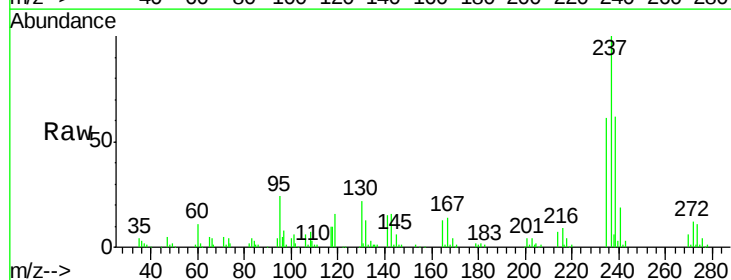
Tgt Ion:237 Resp: 86308

Ion Ratio Lower Upper

237 100

235 61.4 42.2 82.2

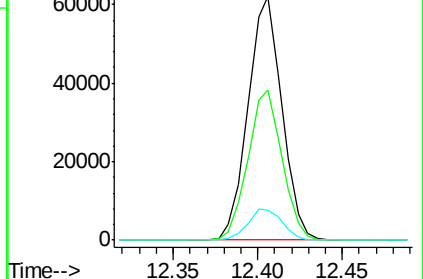
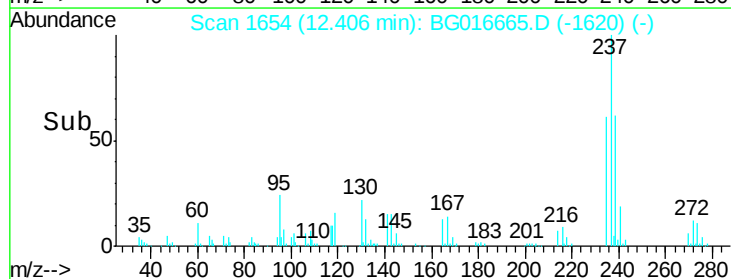
272 12.1 0.0 32.8

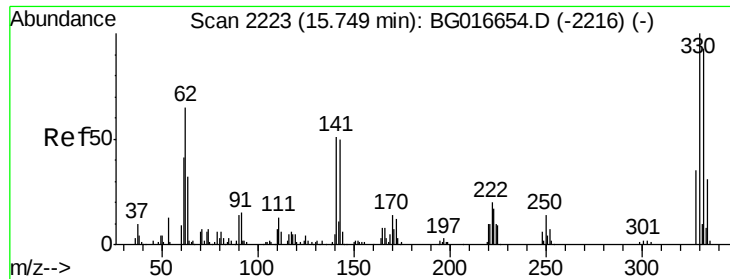


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

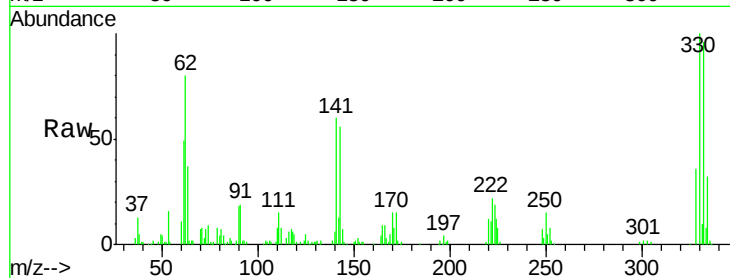




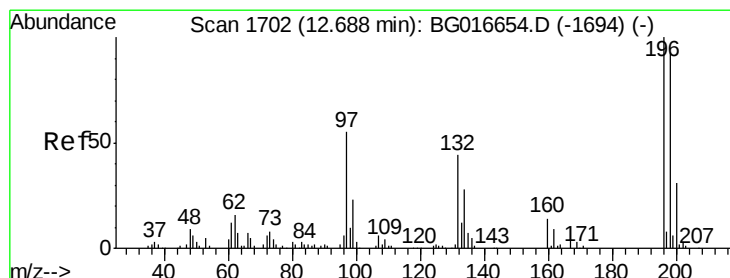
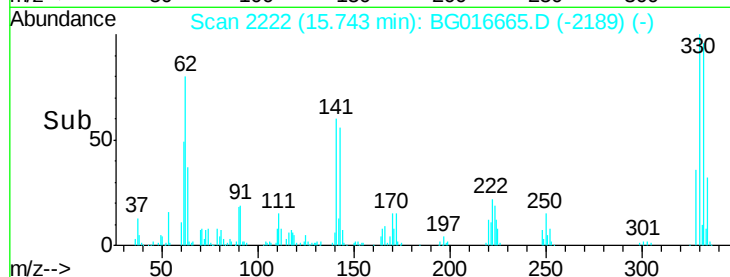
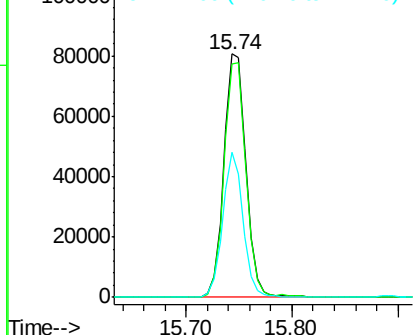
#41
 2,4,6-Tribromophenol
 Concen: 116.82 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Tgt Ion:330 Resp: 116531
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 55.5 43.0 64.6

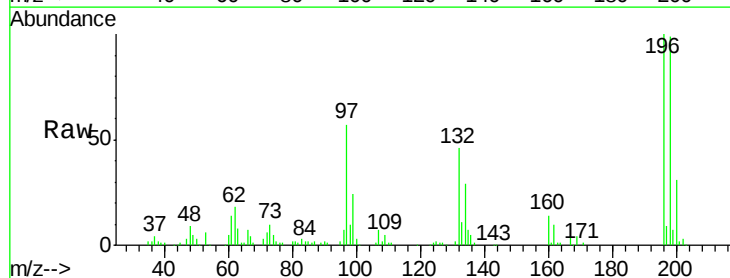


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

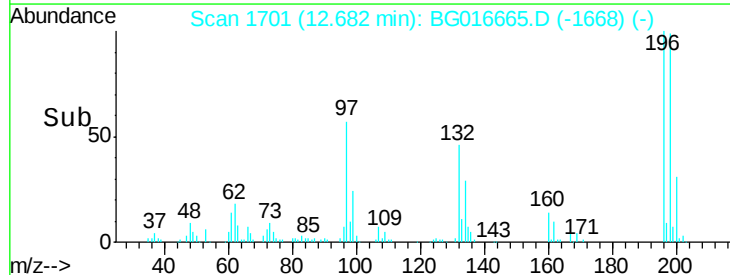
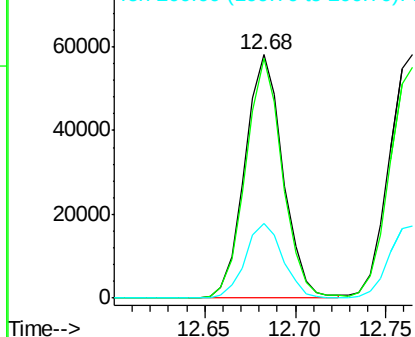


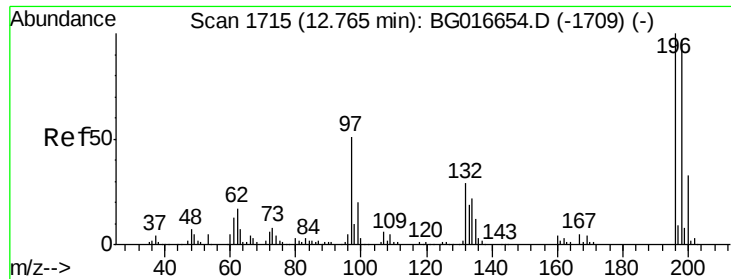
#42
 2,4,6-Trichlorophenol
 Concen: 36.12 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:196 Resp: 84560
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.6 111.8
 200 30.7 24.6 37.0



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

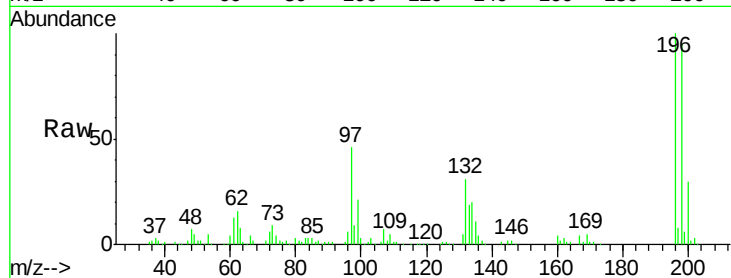




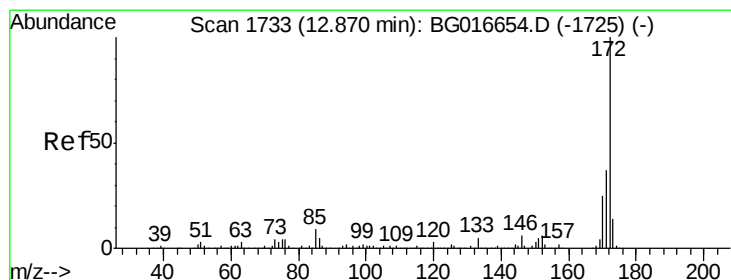
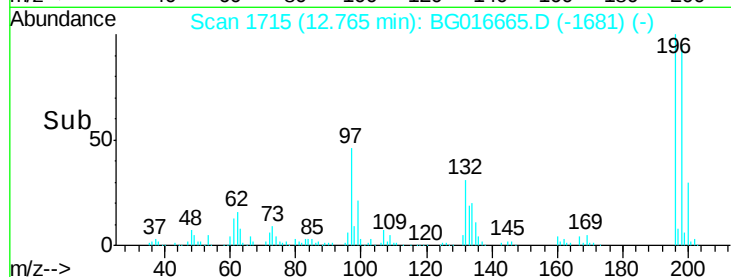
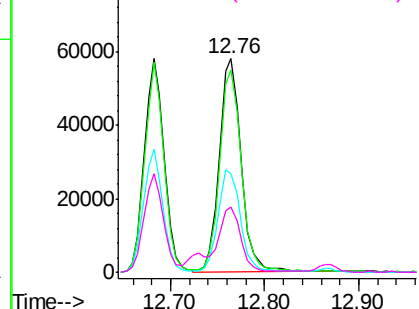
#43
 2,4,5-Trichlorophenol
 Concen: 38.08 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Tgt Ion:196 Resp: 94326
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.4 116.0
 97 46.3 40.9 61.3
 132 30.7 23.2 34.8

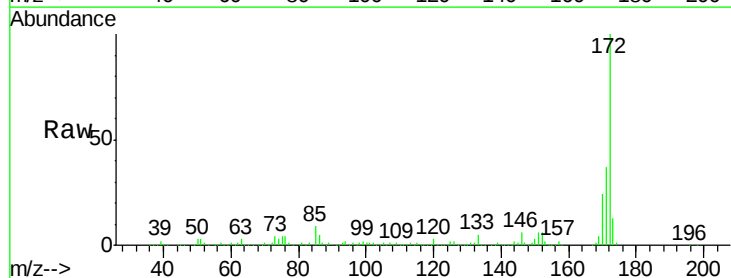


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

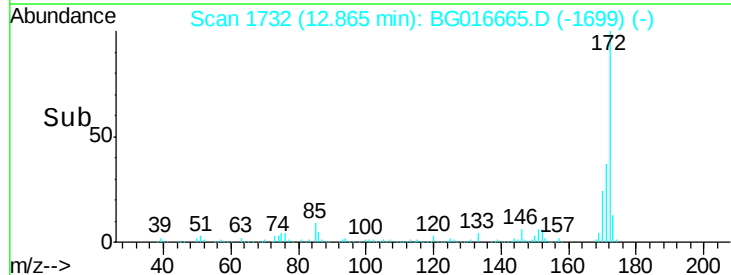
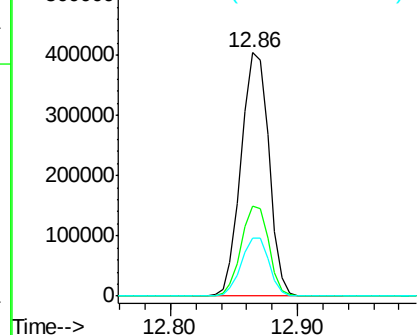


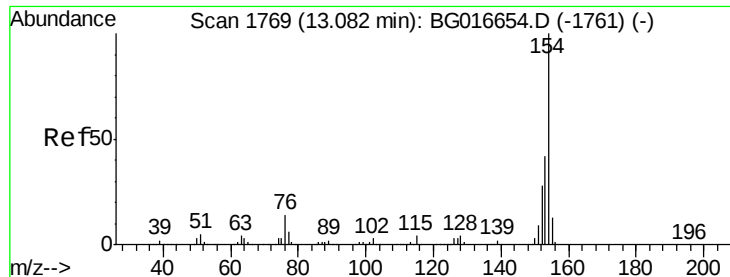
#44
 2-Fluorobiphenyl
 Concen: 73.29 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:172 Resp: 613359
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 23.8 19.8 29.8



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

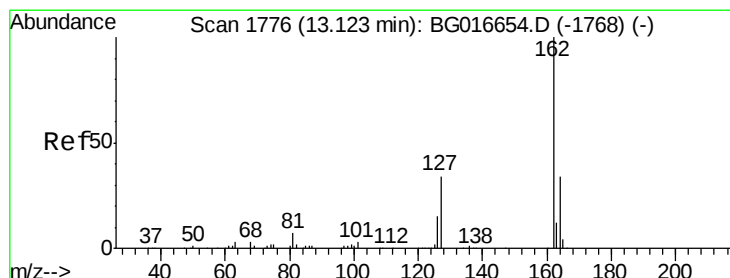
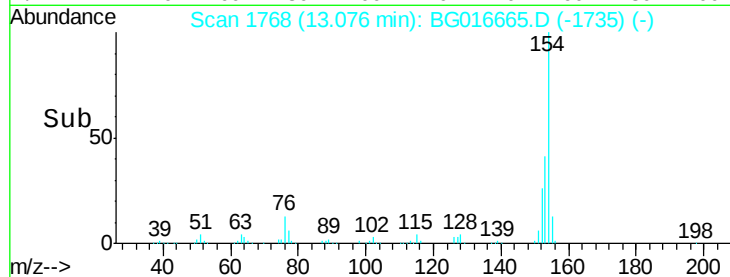
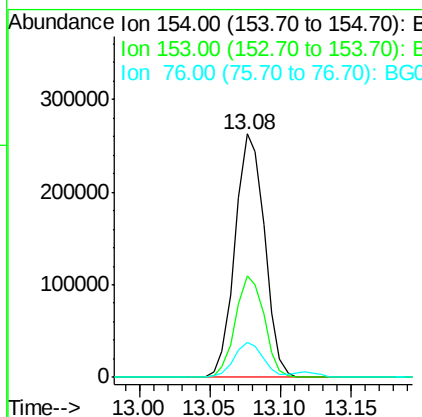
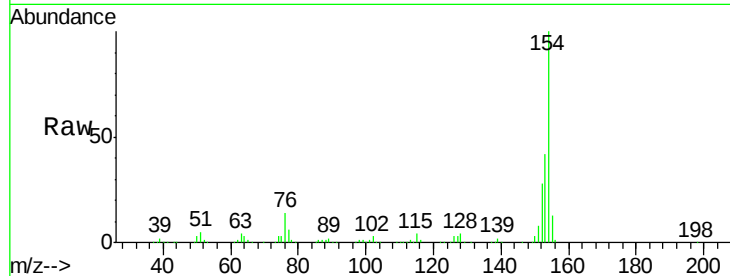




#45
1,1'-Biphenyl
Concen: 36.18 ng
RT: 13.08 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

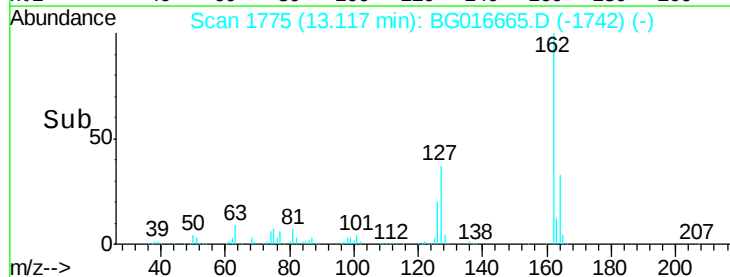
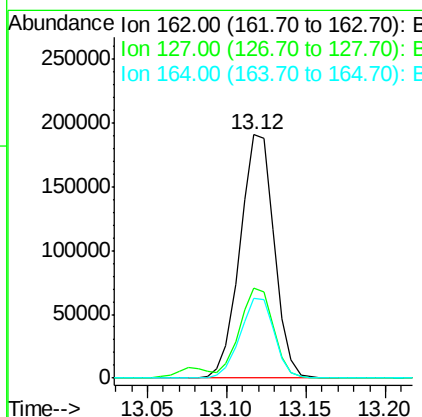
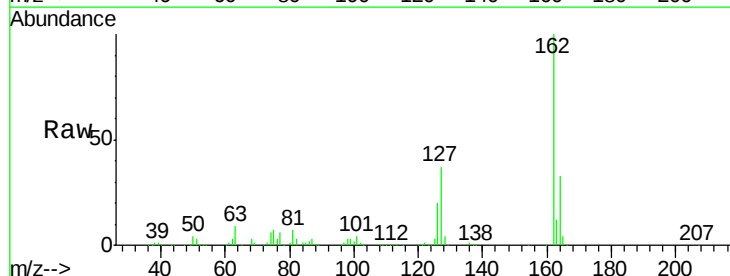
Instrument :
BNA_F
ClientSampleId :
PB82952BS

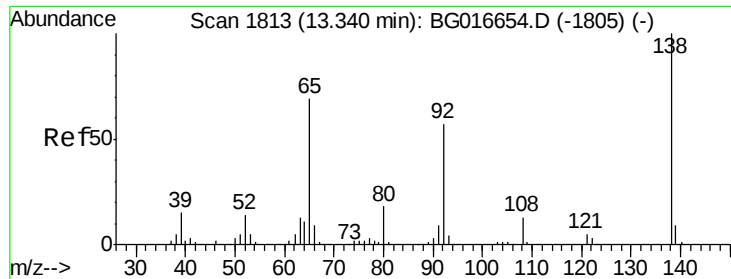
Tgt Ion:154 Resp: 382079
Ion Ratio Lower Upper
154 100
153 41.8 21.8 61.8
76 14.5 0.0 33.7



#46
2-Chloronaphthalene
Concen: 35.10 ng
RT: 13.12 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:162 Resp: 284920
Ion Ratio Lower Upper
162 100
127 37.2 30.4 45.6
164 32.7 26.9 40.3

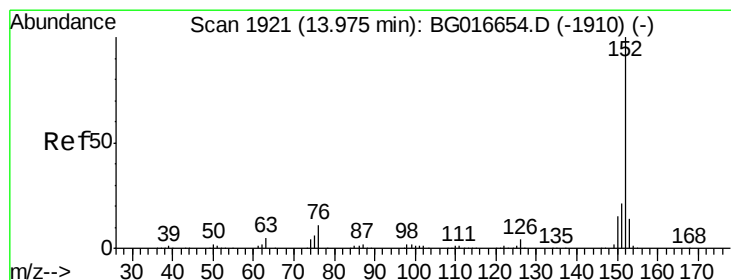
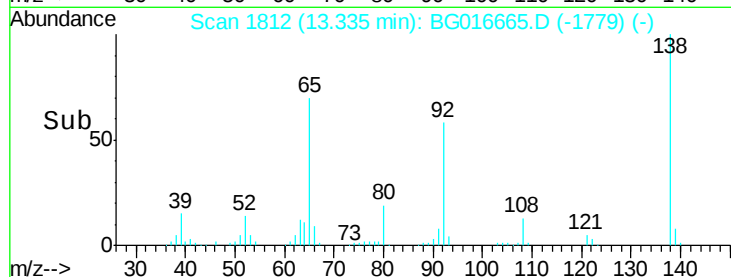
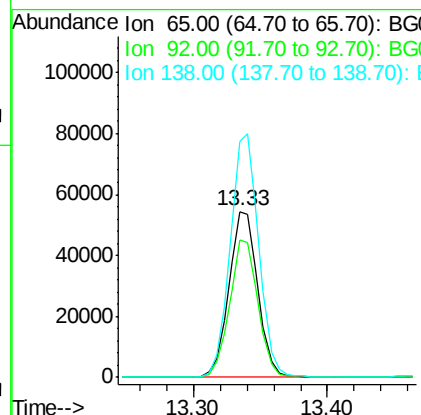
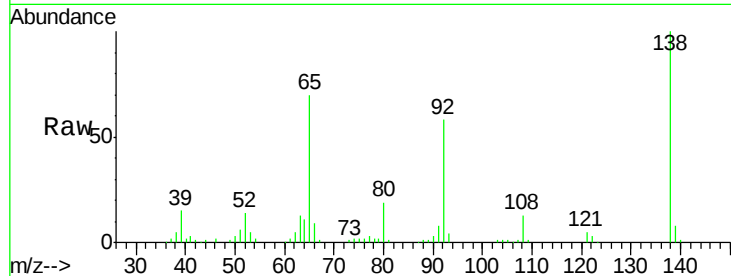




#47
 2-Nitroaniline
 Concen: 37.25 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

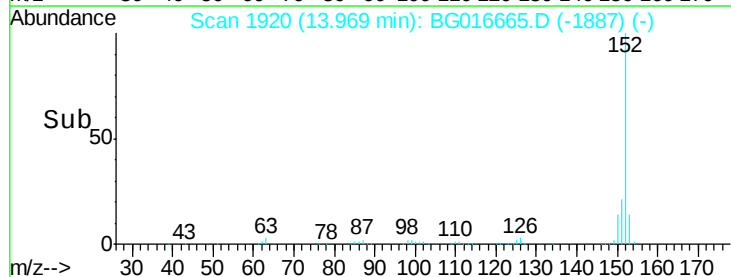
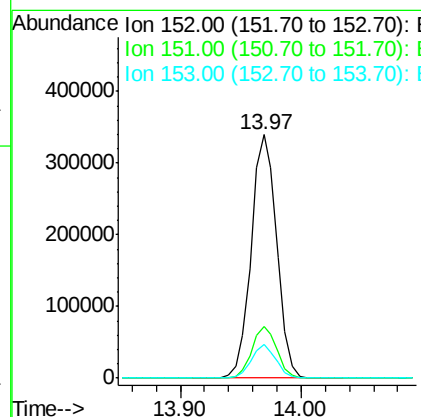
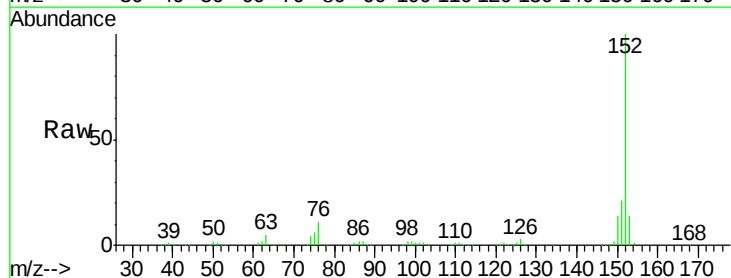
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

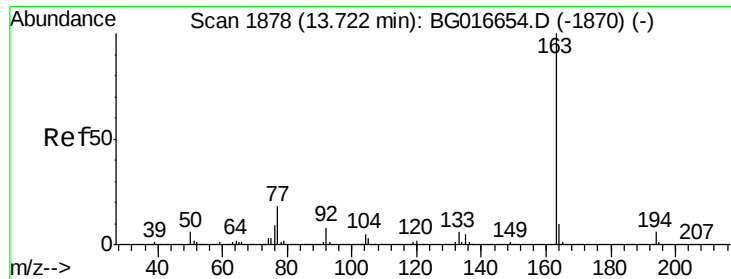
Tgt Ion: 65 Resp: 82485
 Ion Ratio Lower Upper
 65 100
 92 82.6 65.9 98.9
 138 142.2 115.4 173.2



#48
 Acenaphthylene
 Concen: 35.14 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion: 152 Resp: 499673
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.7 25.1
 153 13.7 11.0 16.6





#49

Dimethylphthalate

Concen: 36.66 ng

RT: 13.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

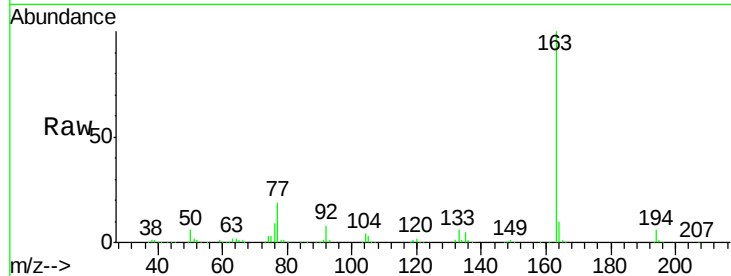
Tgt Ion:163 Resp: 368809

Ion Ratio Lower Upper

163 100

194 5.8 5.0 7.4

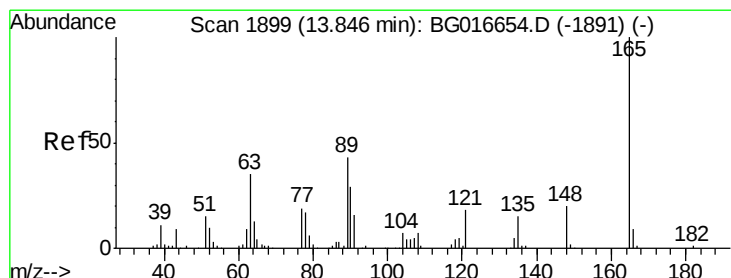
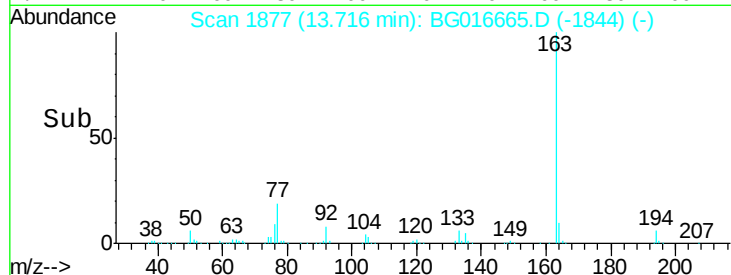
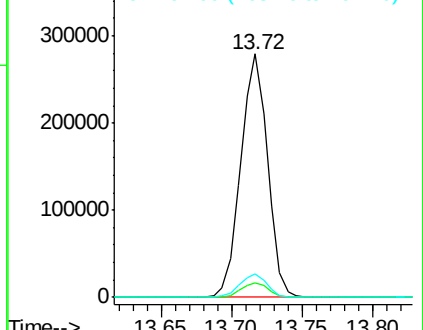
164 9.9 7.8 11.8



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: 36.99 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

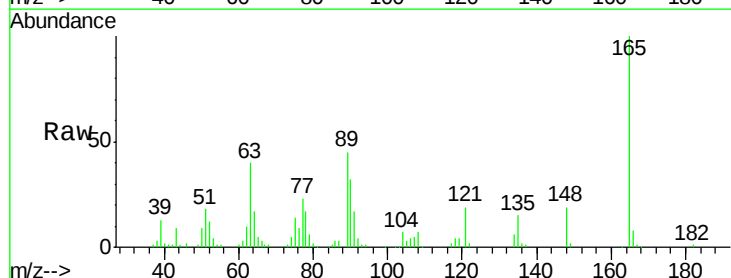
Tgt Ion:165 Resp: 91300

Ion Ratio Lower Upper

165 100

63 39.6 31.5 47.3

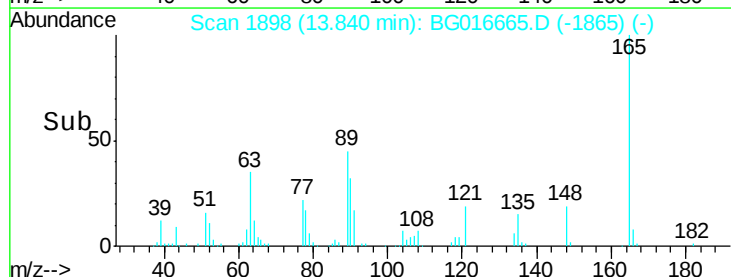
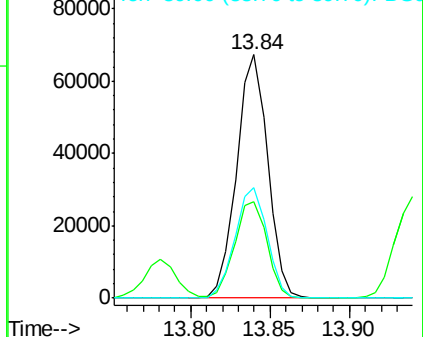
89 45.3 34.7 52.1

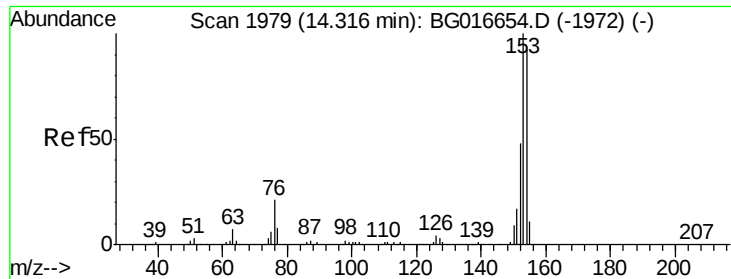


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.59 ng

RT: 14.32 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

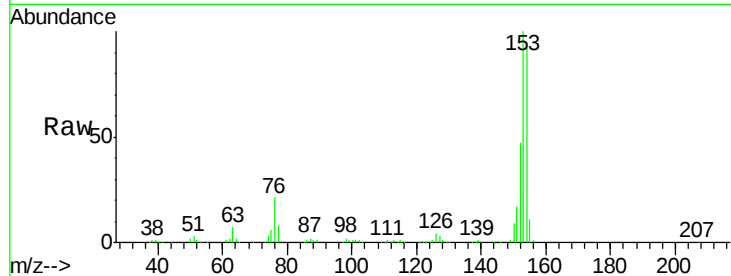
Tgt Ion:154 Resp: 303679

Ion Ratio Lower Upper

154 100

153 108.2 87.0 130.6

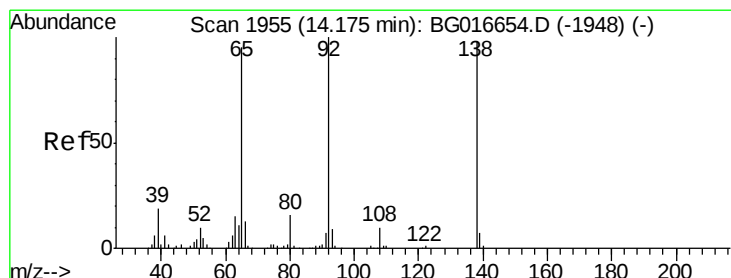
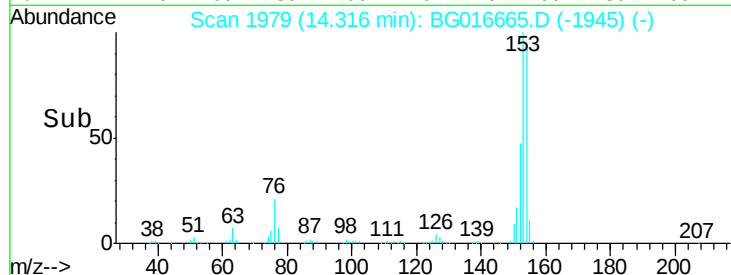
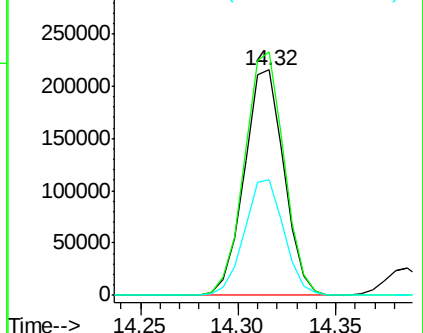
152 51.2 41.6 62.4



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: 21.75 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

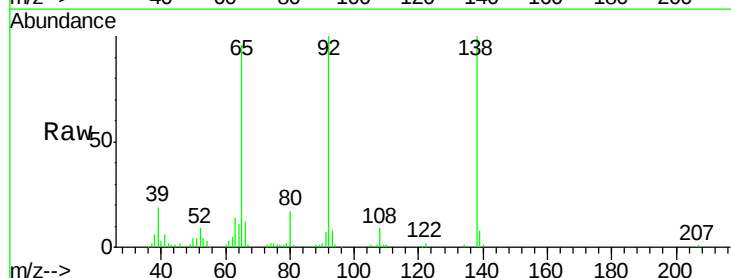
Tgt Ion:138 Resp: 64891

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

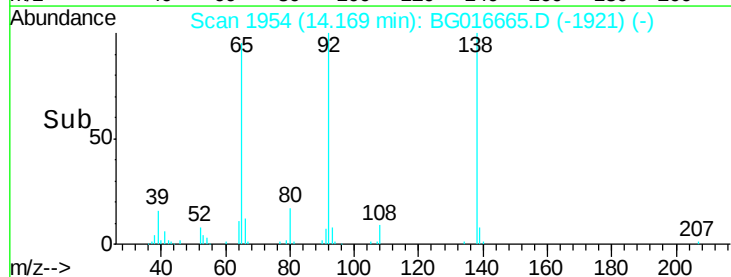
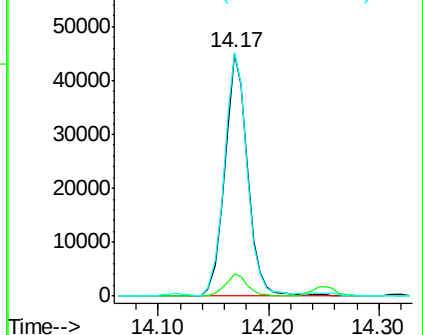
92 100.5 81.9 122.9

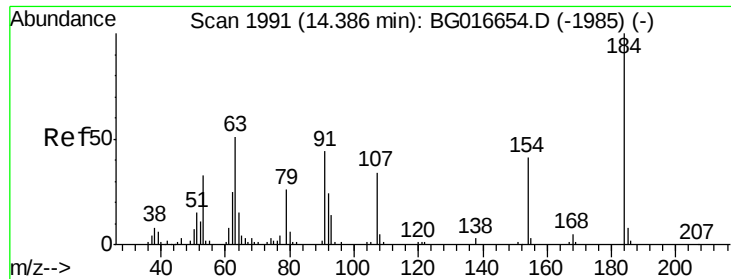


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

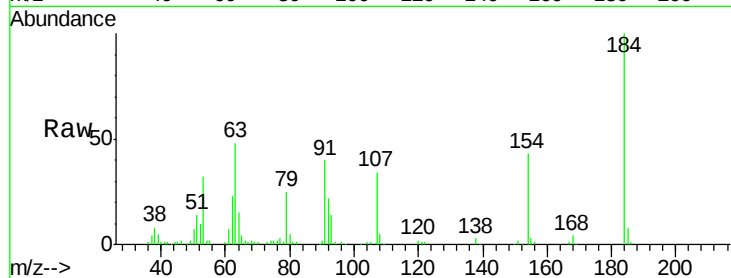




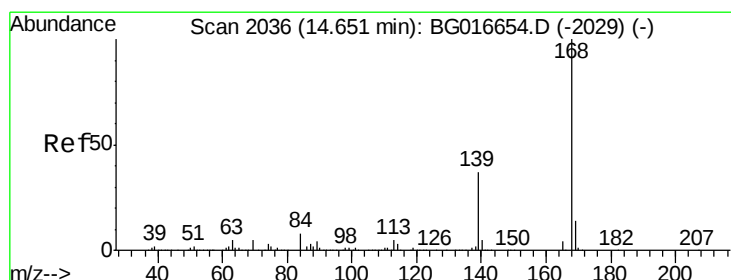
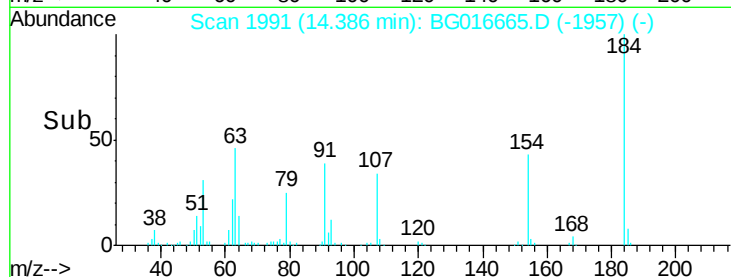
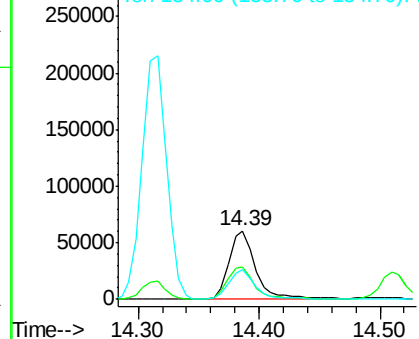
#53
2,4-Dinitrophenol
Concen: 70.89 ng
RT: 14.39 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82952BS

Tgt Ion:184 Resp: 93861
Ion Ratio Lower Upper
184 100
63 47.6 40.7 61.1
154 43.4 34.1 51.1

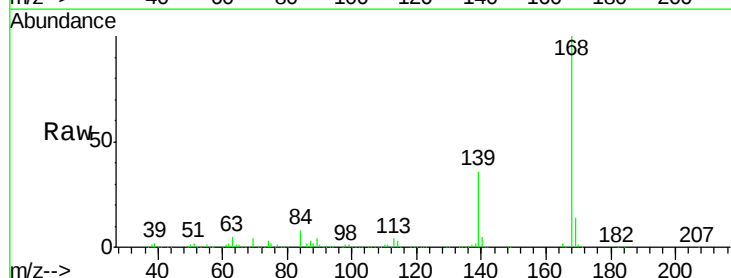


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

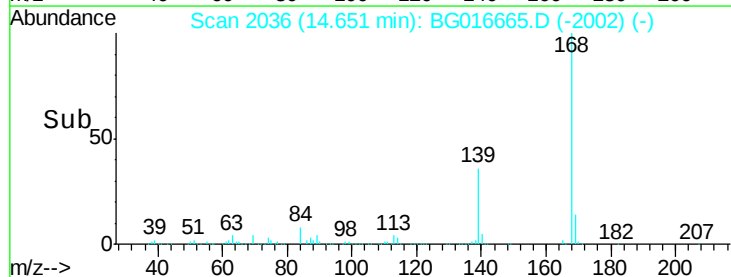
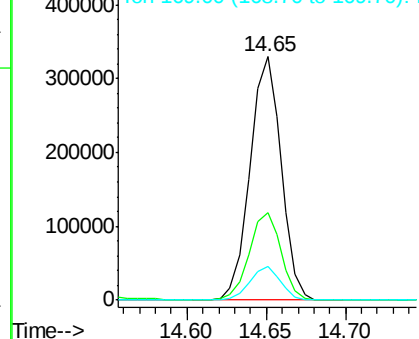


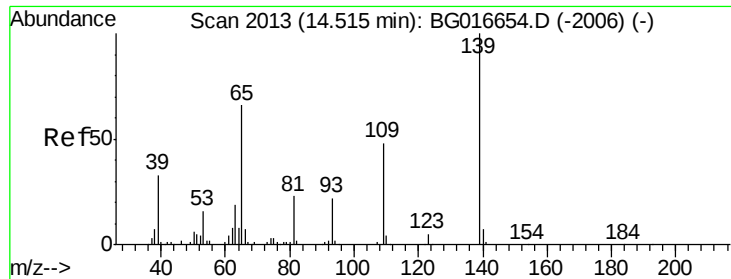
#54
Dibenzofuran
Concen: 37.23 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:168 Resp: 448120
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.8
169 13.8 11.0 16.4



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

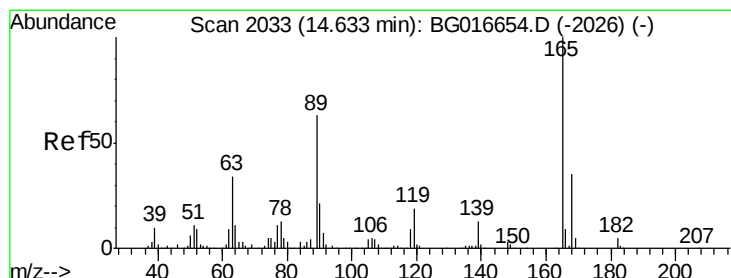
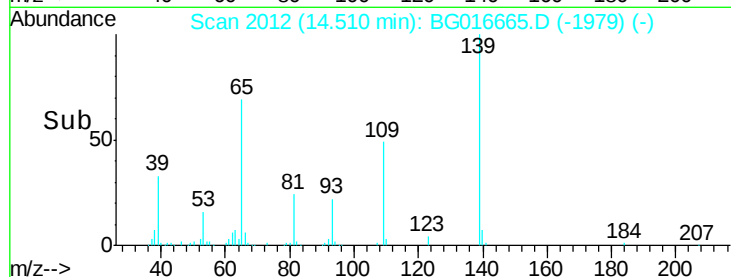
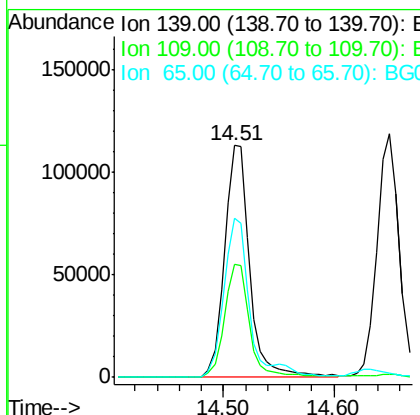
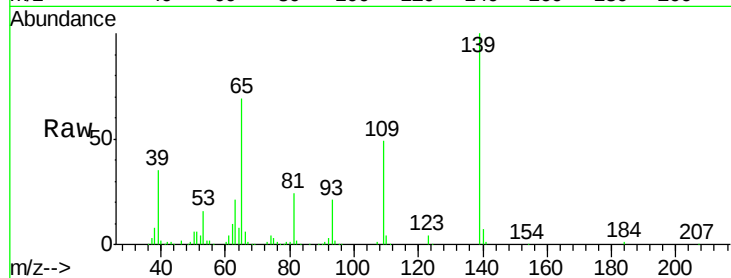




#55
4-Nitrophenol
Concen: 81.08 ng
RT: 14.51 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

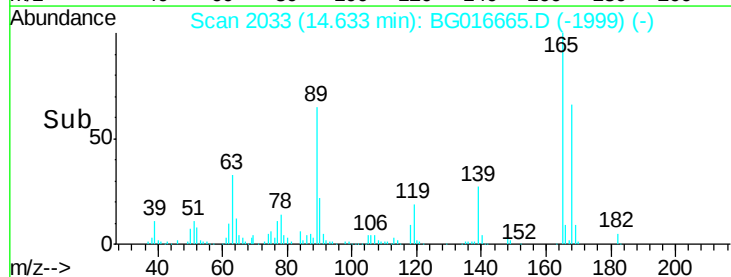
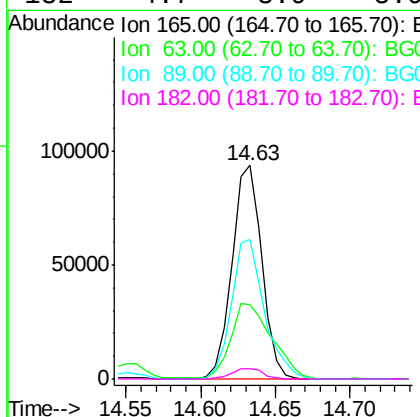
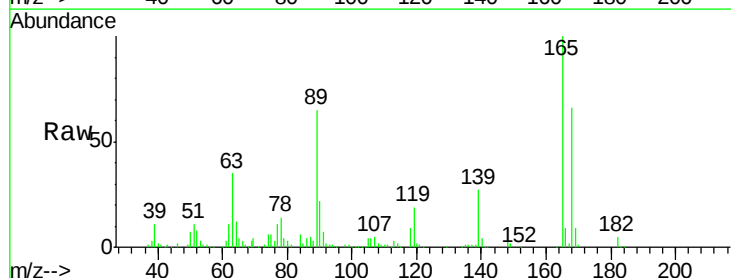
Instrument :
BNA_F
ClientSampleId :
PB82952BS

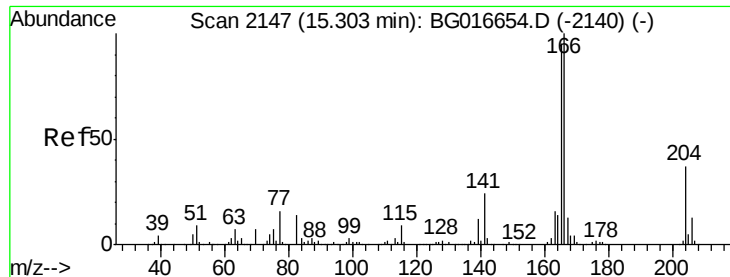
Tgt Ion:139 Resp: 181247
Ion Ratio Lower Upper
139 100
109 49.0 27.8 67.8
65 68.7 46.3 86.3



#56
2,4-Dinitrotoluene
Concen: 38.59 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:165 Resp: 130480
Ion Ratio Lower Upper
165 100
63 34.6 27.4 41.0
89 65.4 50.6 75.8
182 4.7 3.9 5.9

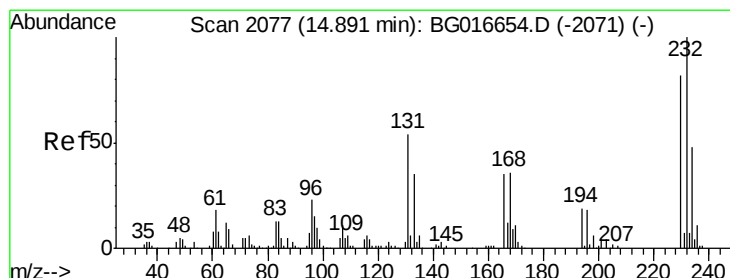
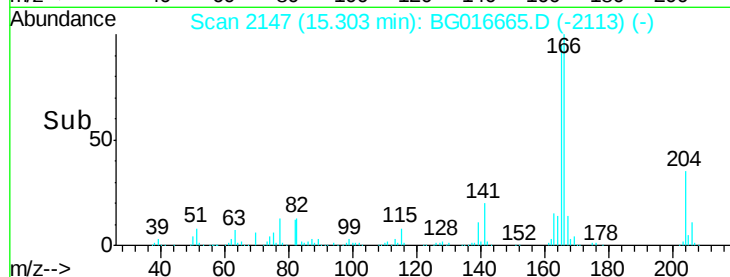
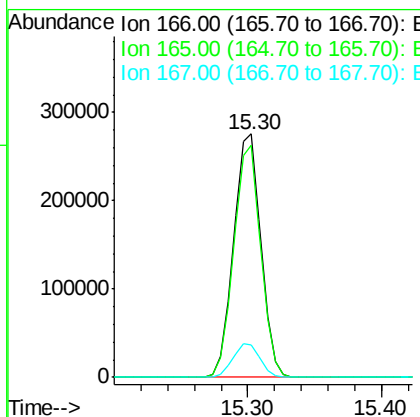
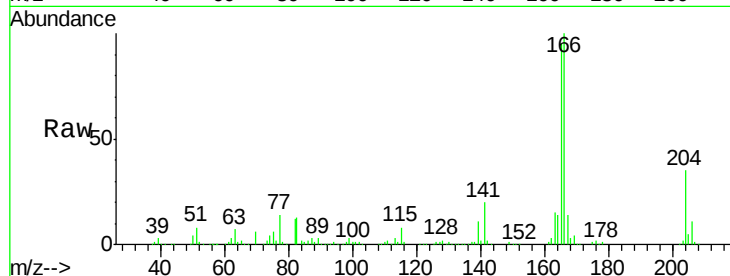




#57
Fluorene
 Concen: 37.13 ng
 RT: 15.30 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

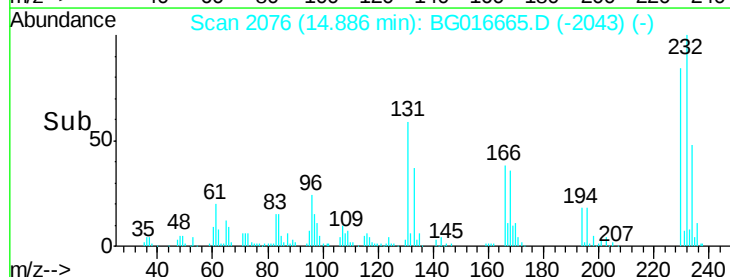
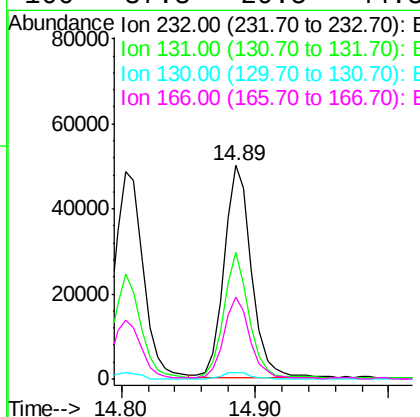
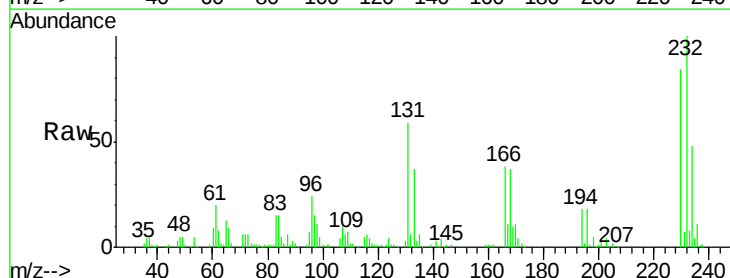
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

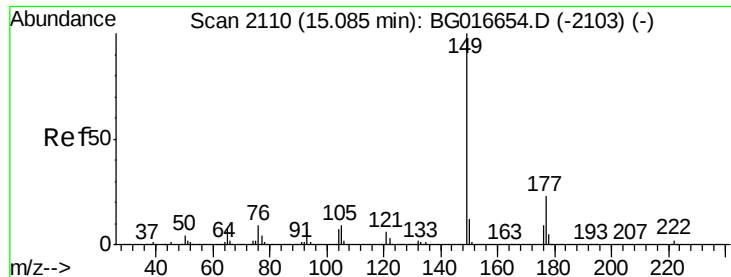
Tgt Ion:166 Resp: 390711
 Ion Ratio Lower Upper
 166 100
 165 95.4 75.6 113.4
 167 13.5 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.42 ng
 RT: 14.89 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:232 Resp: 72011
 Ion Ratio Lower Upper
 232 100
 131 53.5 43.9 65.9
 130 3.1 2.4 3.6
 166 37.3 29.5 44.3

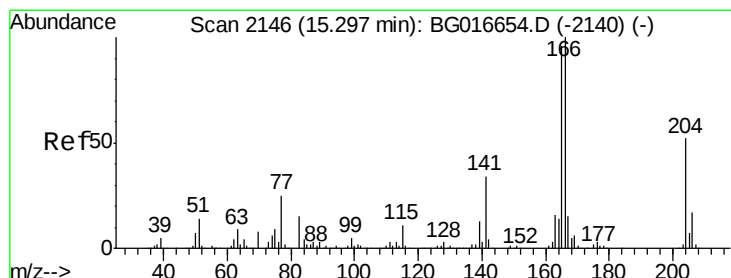
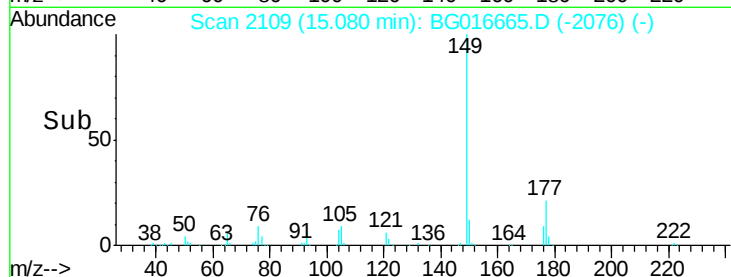
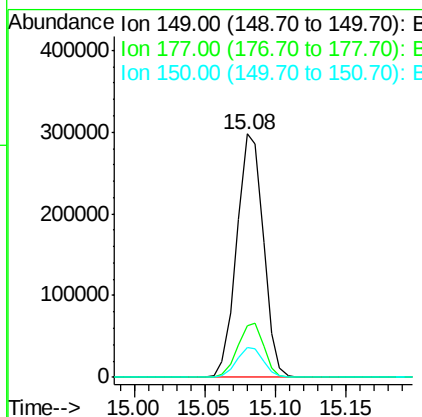
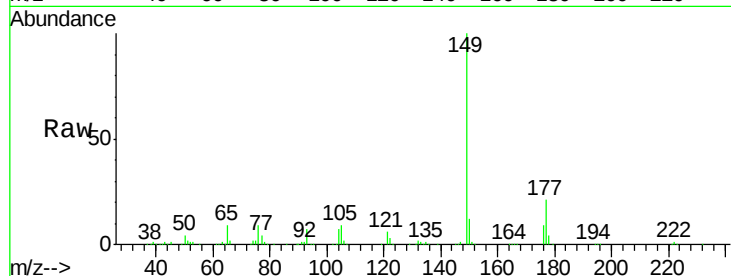




#59
Diethylphthalate
Concen: 37.35 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

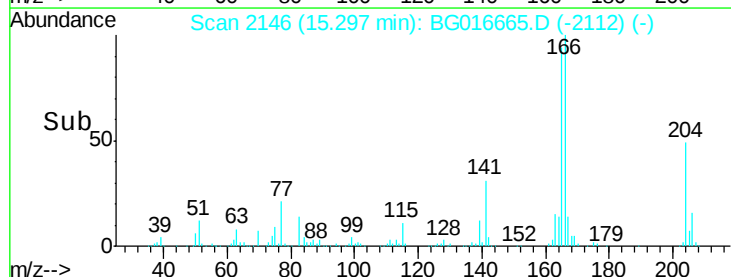
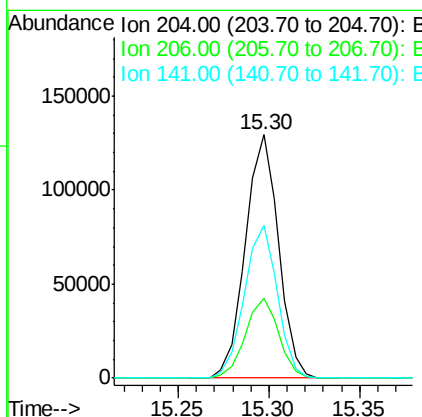
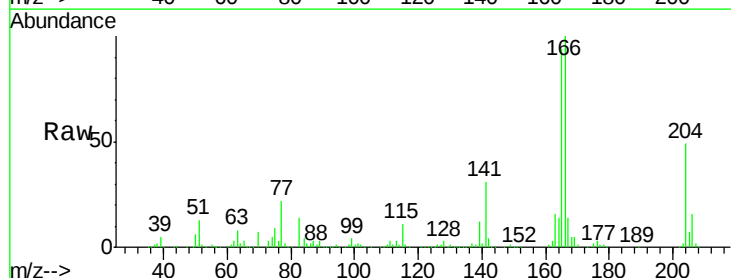
Instrument :
BNA_F
ClientSampleId :
PB82952BS

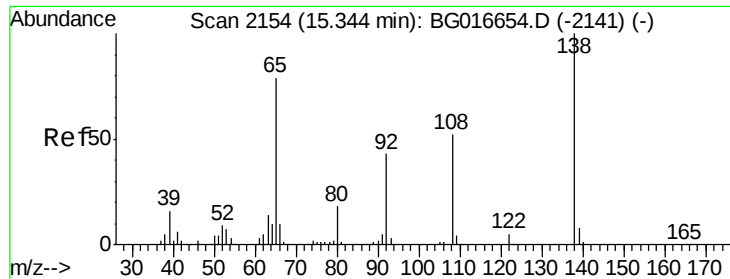
Tgt Ion:149 Resp: 391588
Ion Ratio Lower Upper
149 100
177 21.4 18.2 27.2
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 37.36 ng
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:204 Resp: 164172
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.9 52.3 78.5

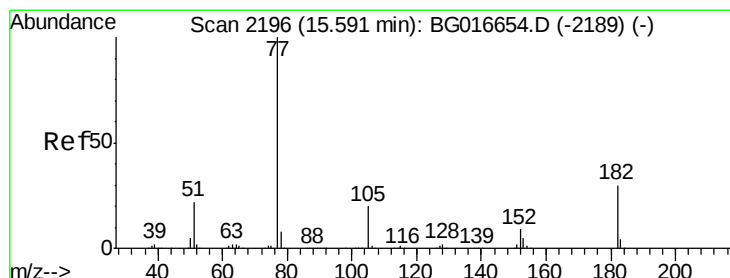
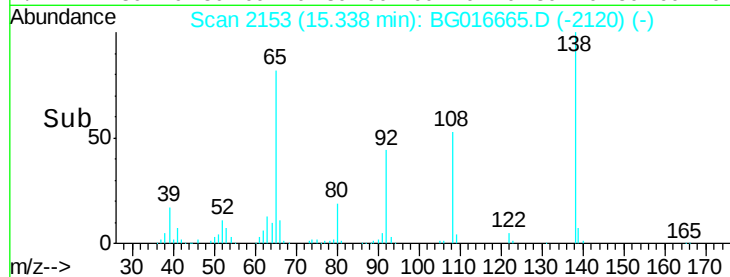
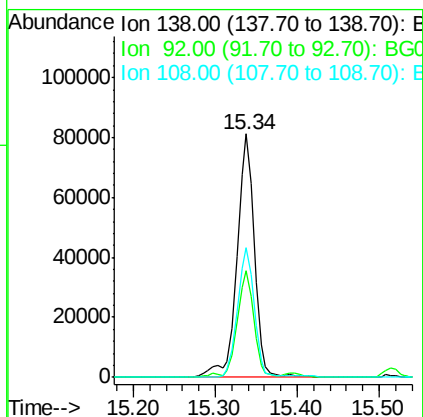
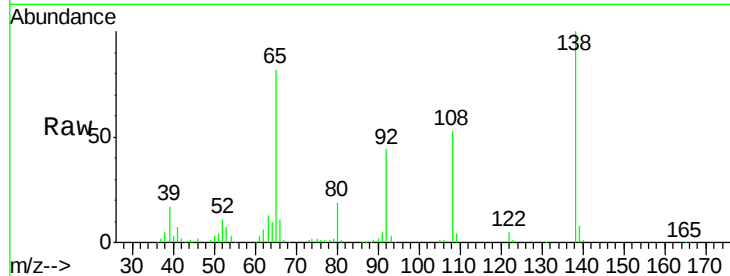




#61
4-Nitroaniline
Concen: 36.70 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

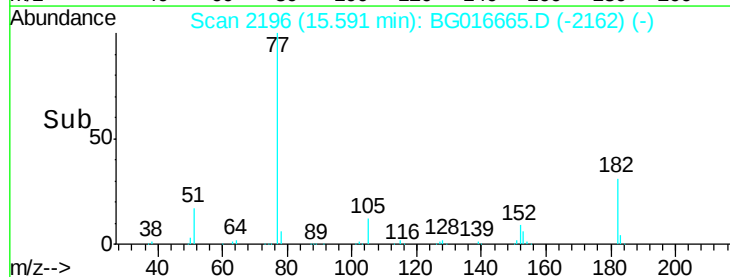
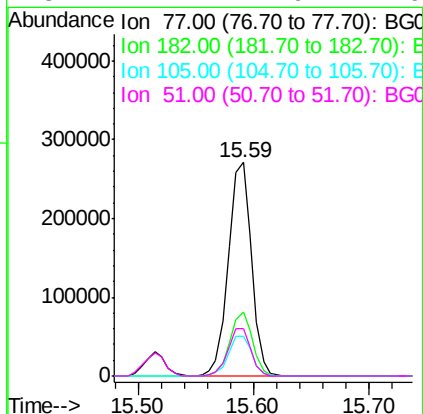
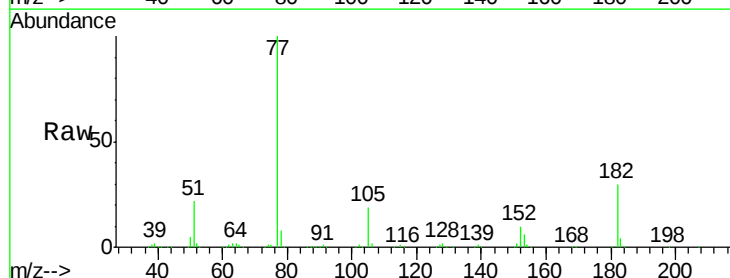
Instrument :
BNA_F
ClientSampleId :
PB82952BS

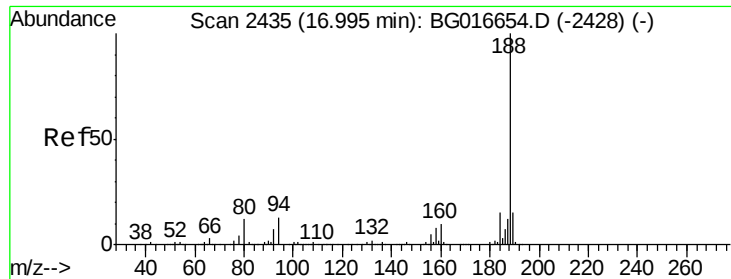
Tgt Ion:138 Resp: 121106
Ion Ratio Lower Upper
138 100
92 43.6 23.1 63.1
108 53.1 31.7 71.7



#62
Azobenzene
Concen: 39.26 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion: 77 Resp: 375914
Ion Ratio Lower Upper
77 100
182 30.2 9.8 49.8
105 18.8 0.0 39.5
51 22.4 1.9 41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

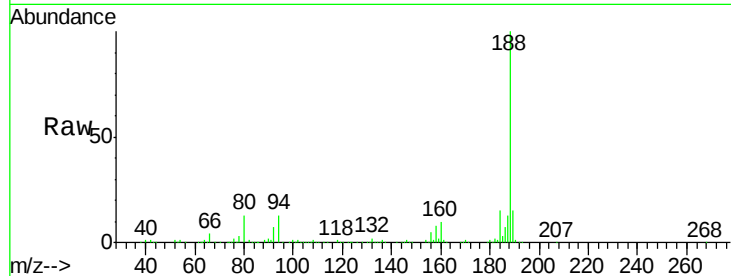
Tgt Ion:188 Resp: 293712

Ion Ratio Lower Upper

188 100

94 12.7 10.7 16.1

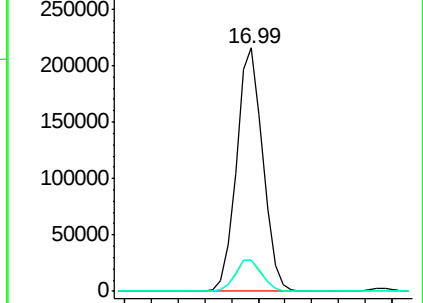
80 12.6 9.9 14.9



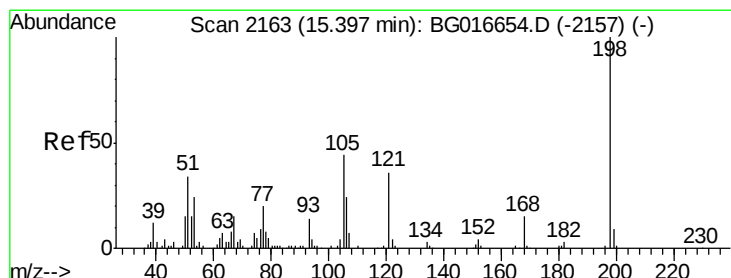
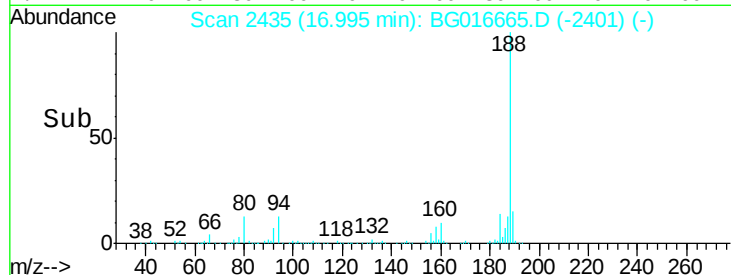
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 16.90 17.00



#64

4,6-Dinitro-2-methylphenol

Concen: 33.97 ng

RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

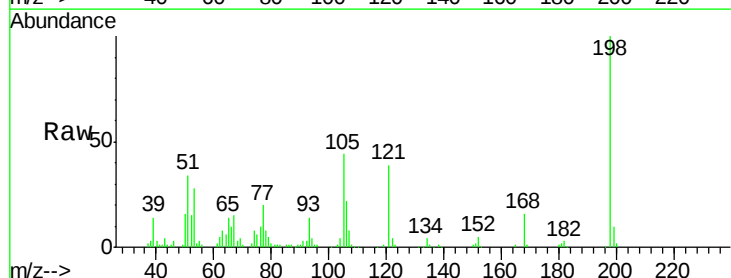
Tgt Ion:198 Resp: 67518

Ion Ratio Lower Upper

198 100

51 33.7 14.9 54.9

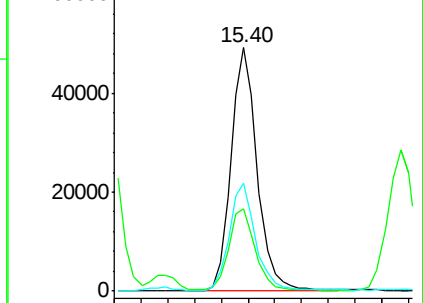
105 44.2 24.6 64.6



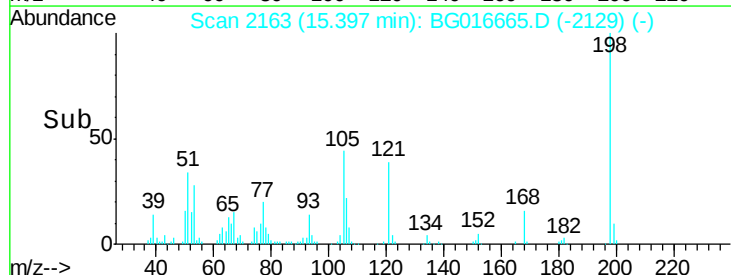
Abundance Ion 198.00 (197.70 to 198.70): E

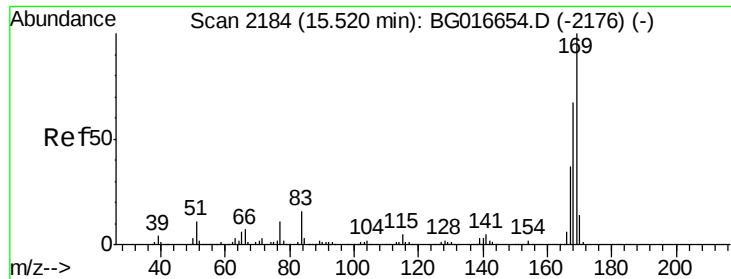
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.30 15.40 15.50





#65

n-Nitrosodiphenylamine

Concen: 35.22 ng

RT: 15.51 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

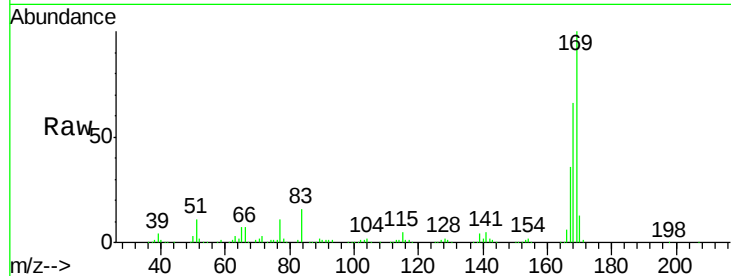
Tgt Ion:169 Resp: 354649

Ion Ratio Lower Upper

169 100

168 65.9 53.6 80.4

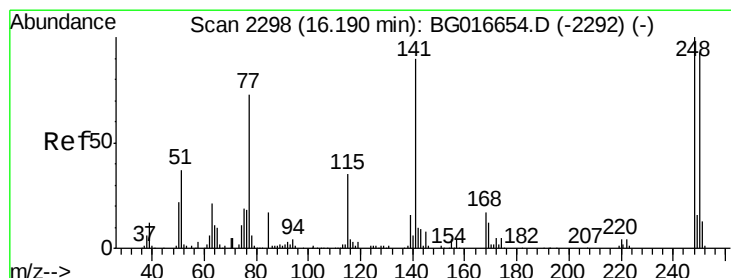
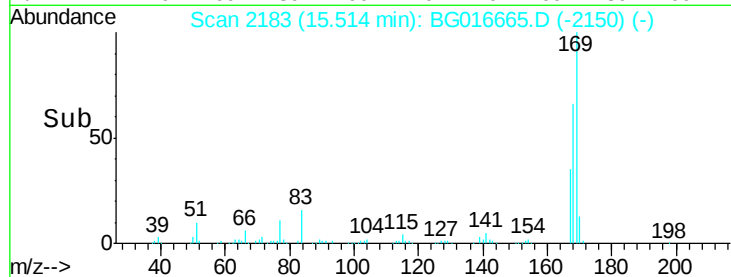
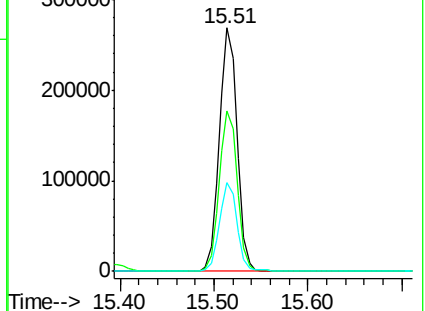
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.64 ng

RT: 16.19 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

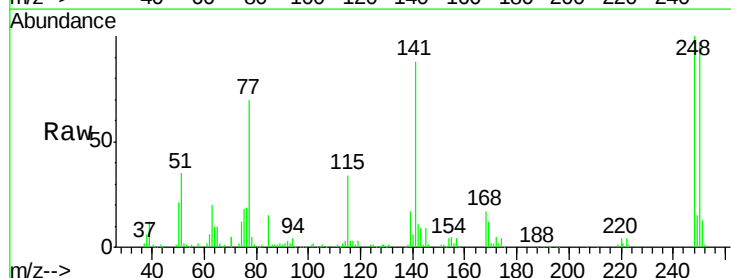
Tgt Ion:248 Resp: 87482

Ion Ratio Lower Upper

248 100

250 96.9 74.8 112.2

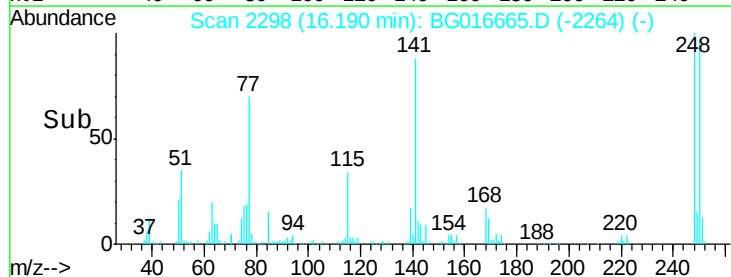
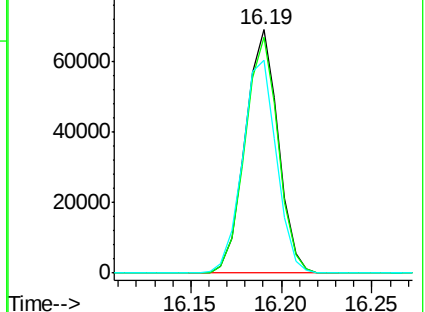
141 87.7 72.0 108.0

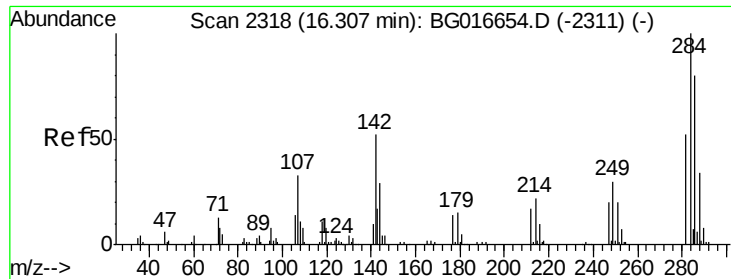


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.99 ng

RT: 16.30 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

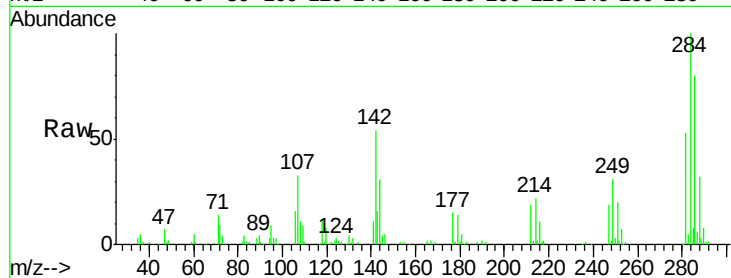
Tgt Ion:284 Resp: 88326

Ion Ratio Lower Upper

284 100

142 53.7 41.5 62.3

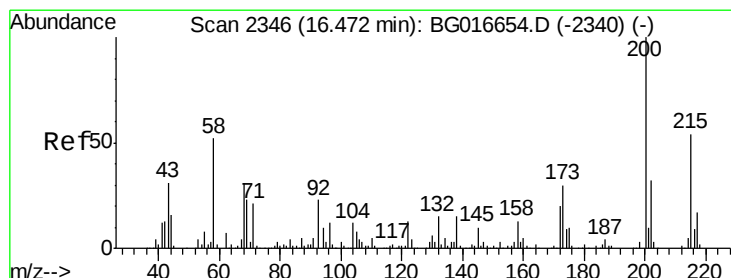
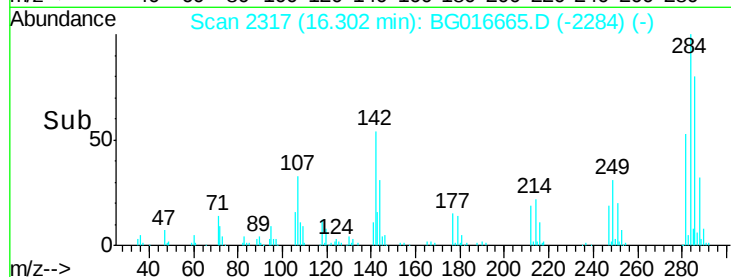
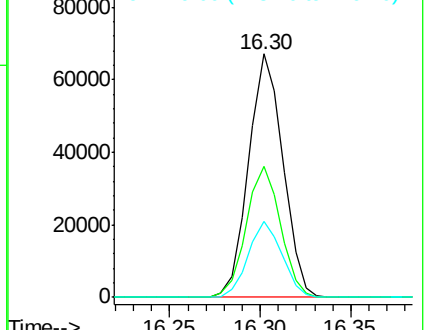
249 31.2 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.93 ng

RT: 16.47 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

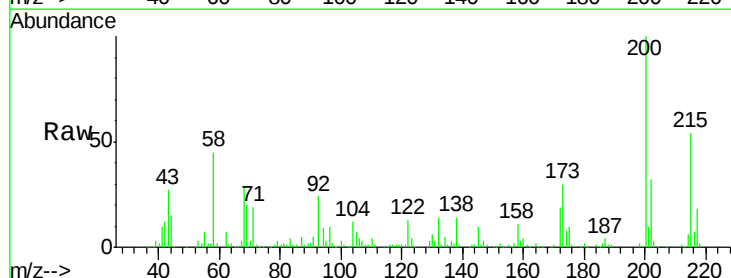
Tgt Ion:200 Resp: 113355

Ion Ratio Lower Upper

200 100

173 29.5 9.8 49.8

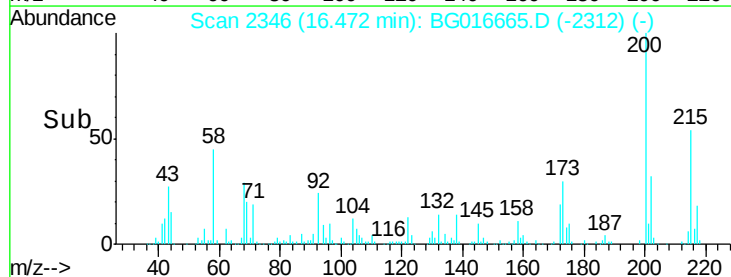
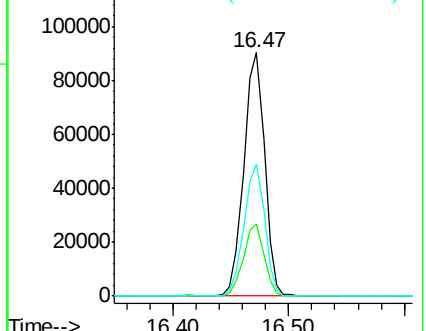
215 54.2 33.7 73.7

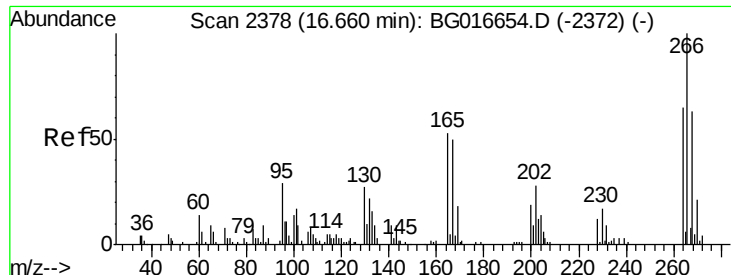


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

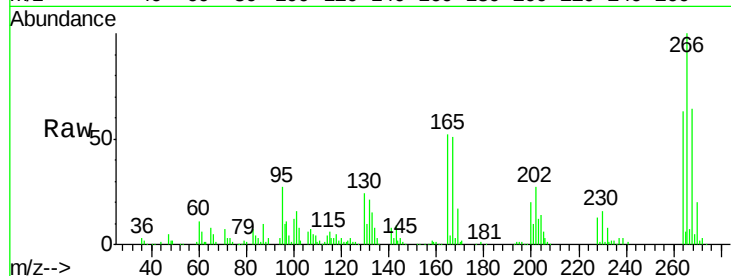




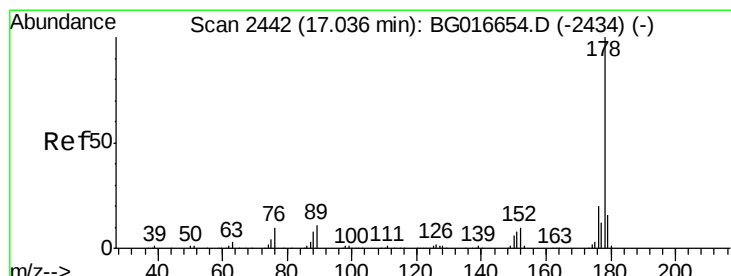
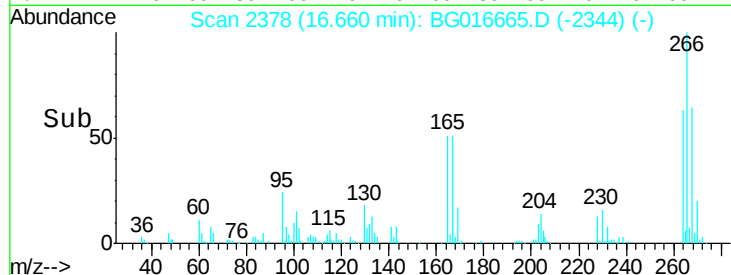
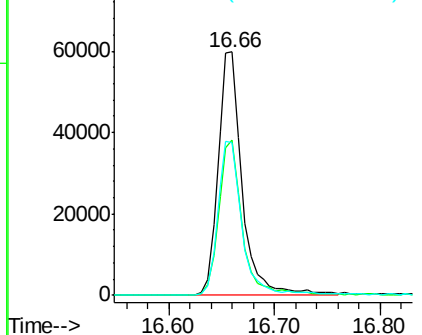
#69
 Pentachlorophenol
 Concen: 77.83 ng
 RT: 16.66 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Tgt Ion: 266 Resp: 95394
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 76.0
 264 62.9 51.8 77.6

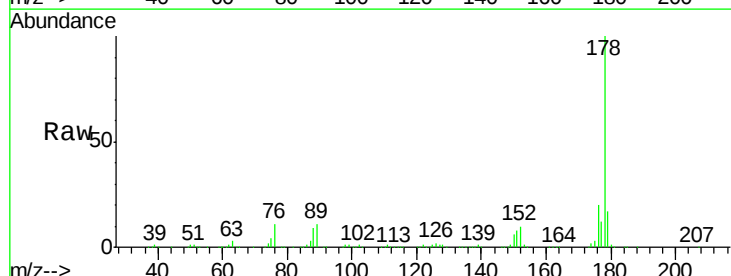


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

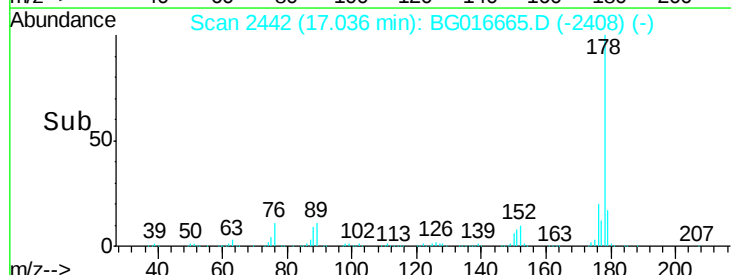
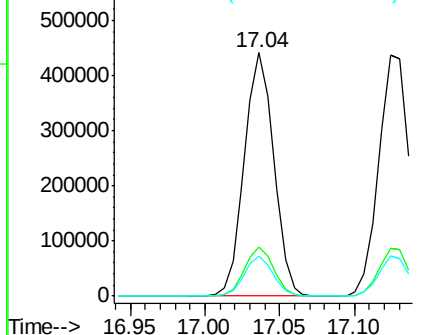


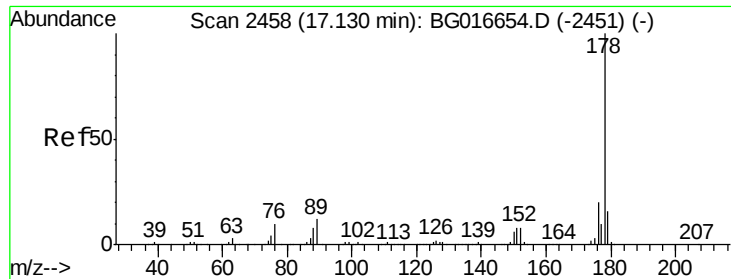
#70
 Phenanthrene
 Concen: 35.78 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion: 178 Resp: 603752
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 16.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

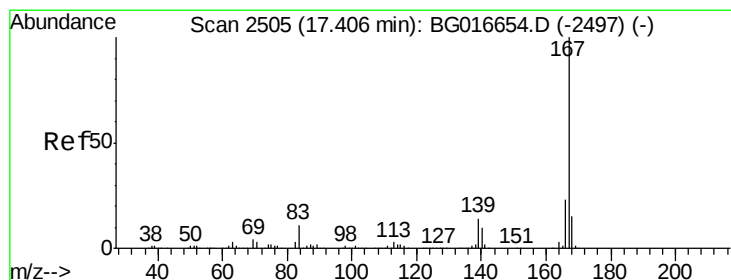
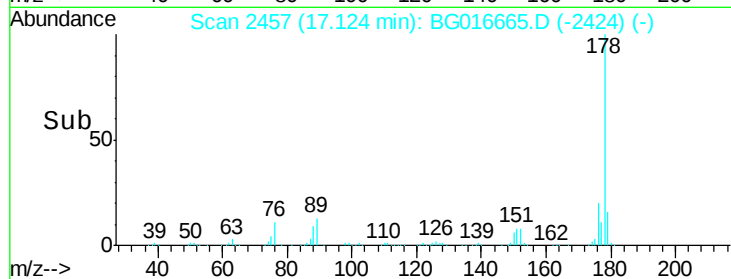
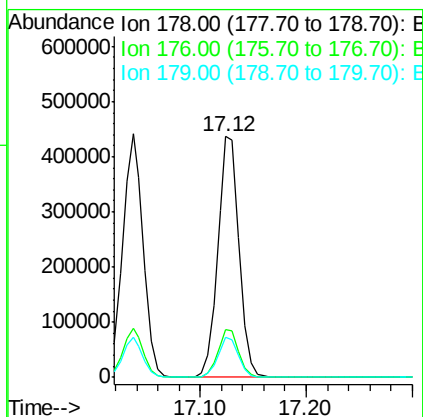
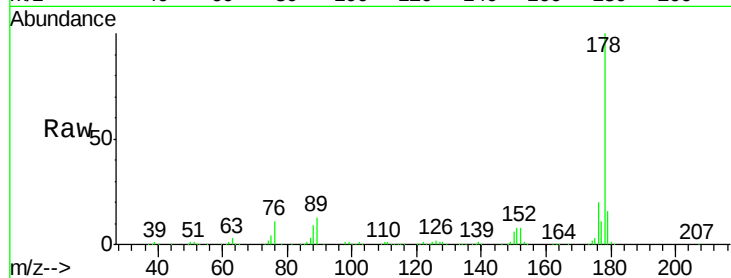




#71
 Anthracene
 Concen: 36.50 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

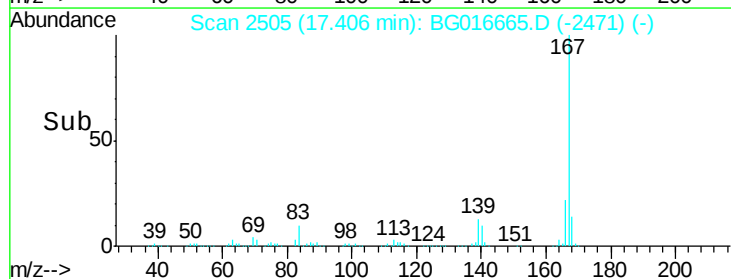
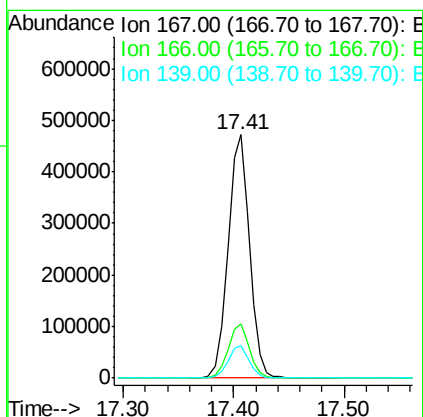
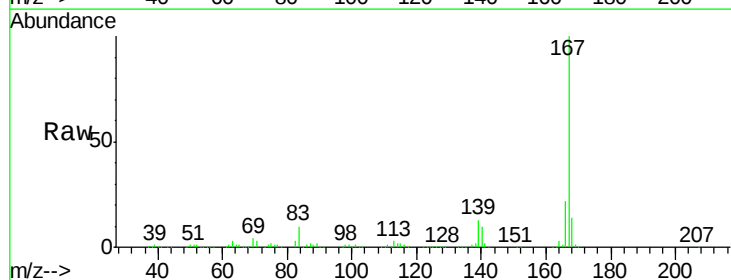
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

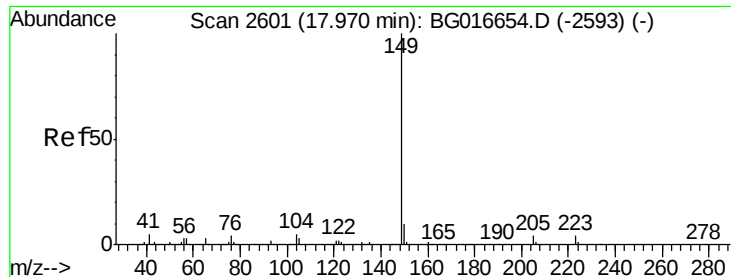
Tgt Ion:178 Resp: 612527
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.4 12.9 19.3



#72
 Carbazole
 Concen: 38.16 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:167 Resp: 641634
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 13.4 11.1 16.7





#73

Di-n-butylphthalate

Concen: 37.99 ng

RT: 17.96 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

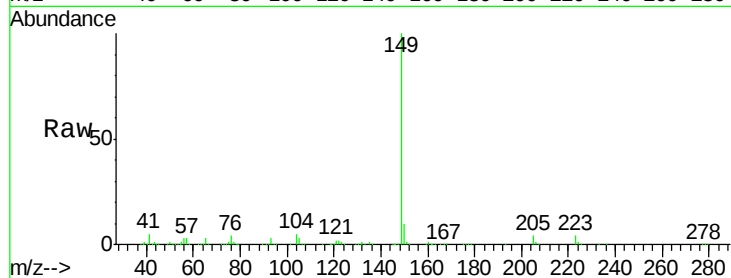
Tgt Ion:149 Resp: 761358

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

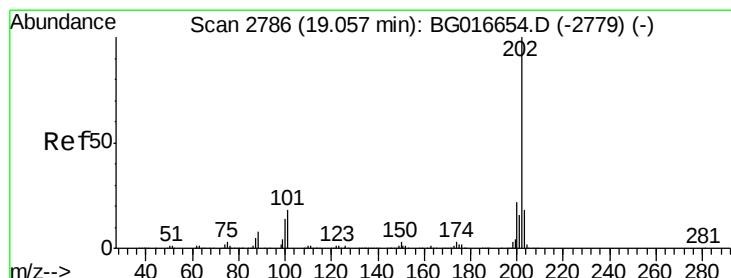
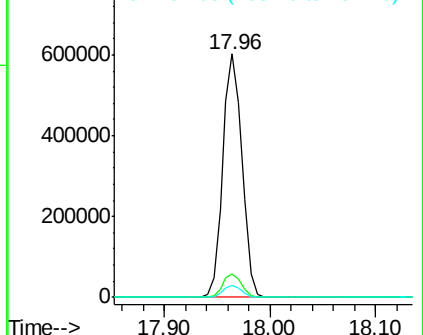
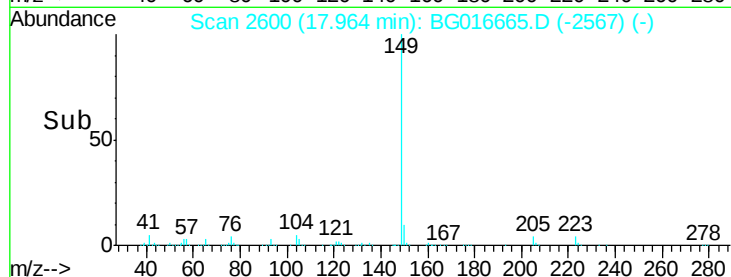
104 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.02 ng

RT: 19.06 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

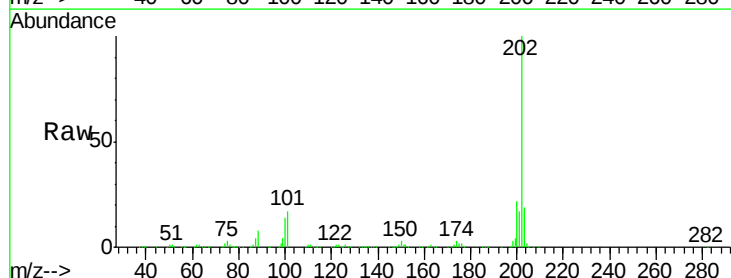
Tgt Ion:202 Resp: 661866

Ion Ratio Lower Upper

202 100

101 17.2 0.0 38.1

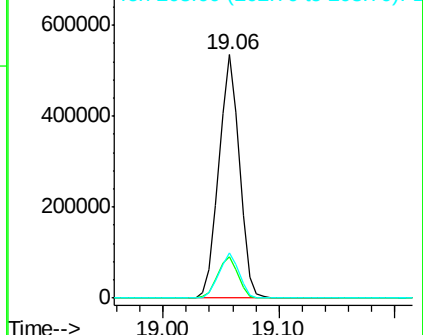
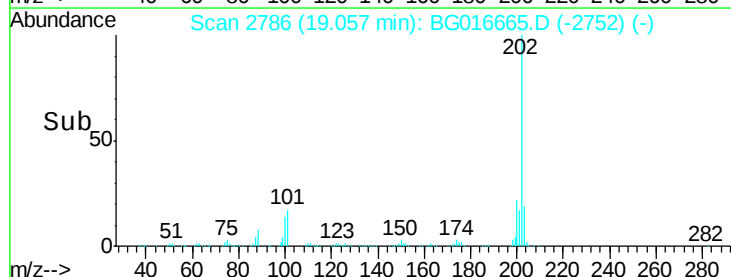
203 18.5 0.0 38.4

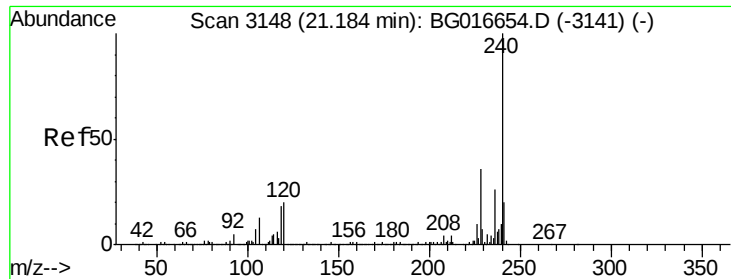


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

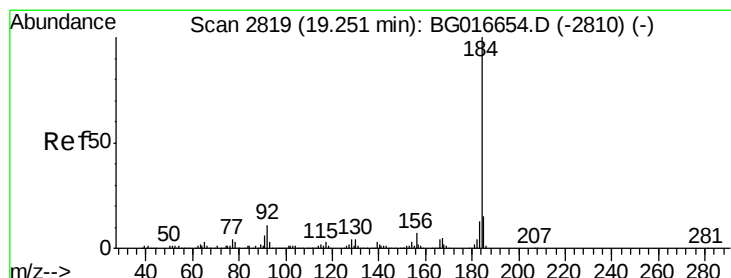
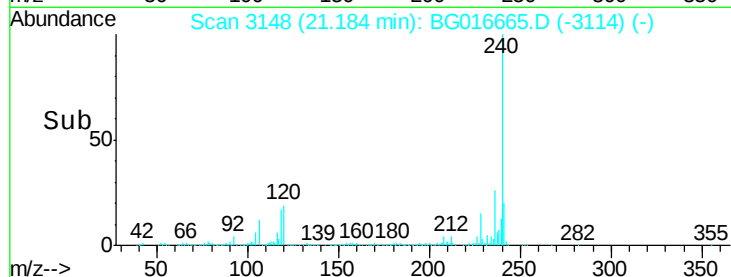
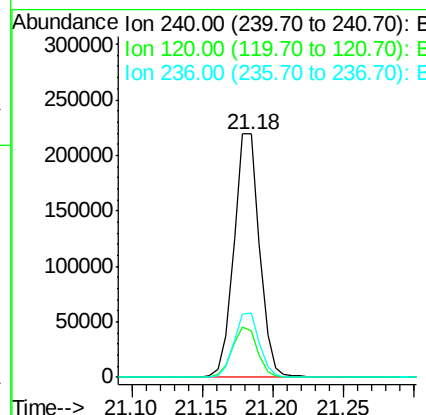
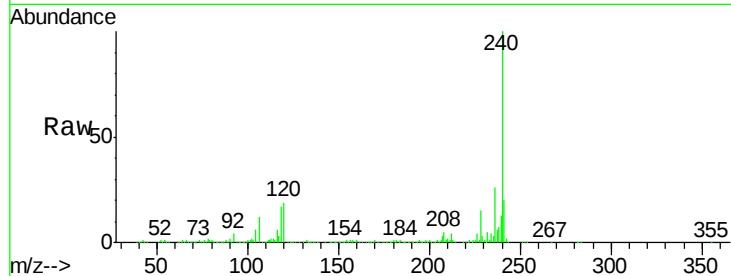




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

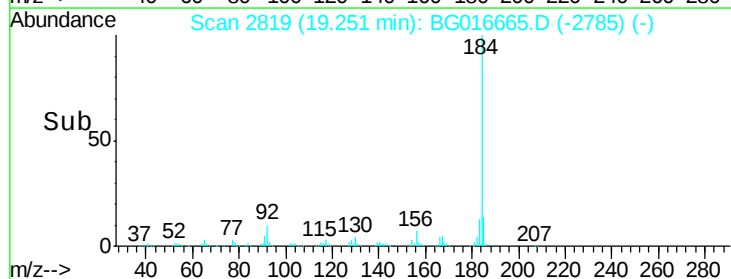
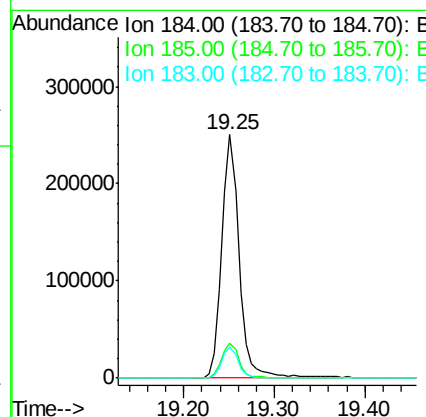
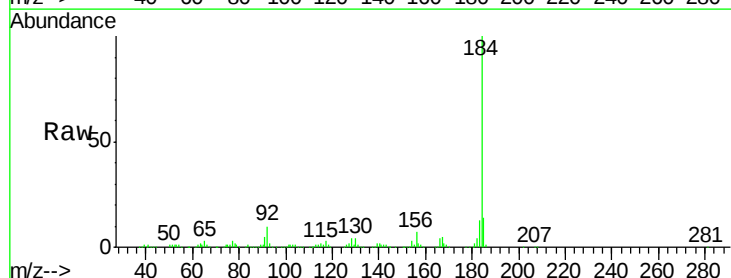
Instrument :
BNA_F
ClientSampleId :
PB82952BS

Tgt Ion:240 Resp: 276108
Ion Ratio Lower Upper
240 100
120 19.1 16.3 24.5
236 26.5 21.1 31.7



#76
Benzidine
Concen: 35.37 ng
RT: 19.25 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:184 Resp: 332592
Ion Ratio Lower Upper
184 100
185 14.5 12.3 18.5
183 12.6 10.1 15.1





#77

Pyrene

Concen: 35.96 ng

RT: 19.42 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

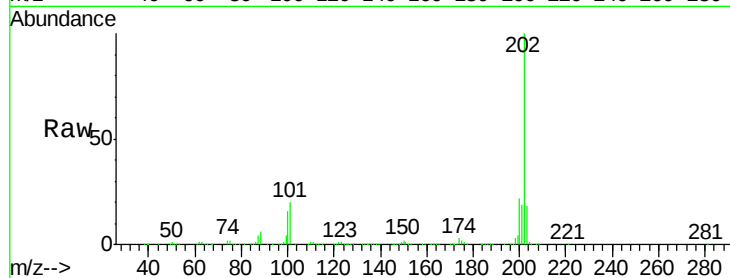
Tgt Ion:202 Resp: 697569

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

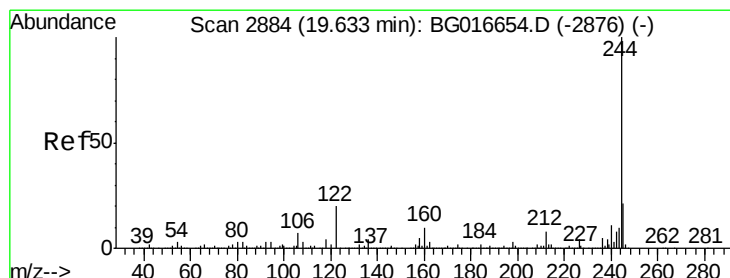
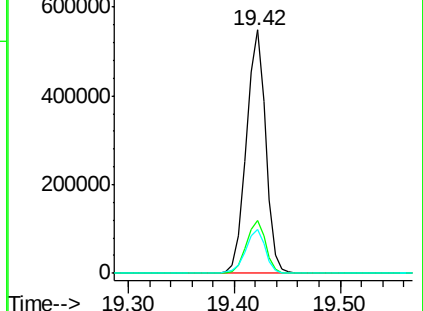
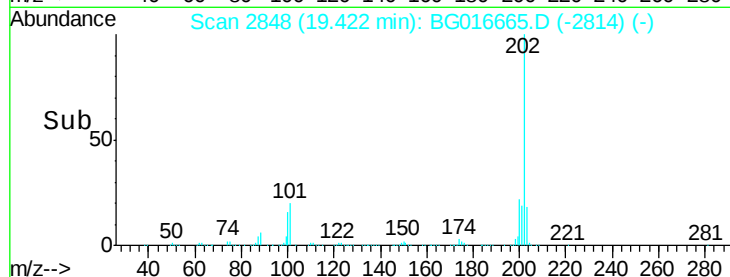
203 18.2 14.9 22.3



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: 69.82 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

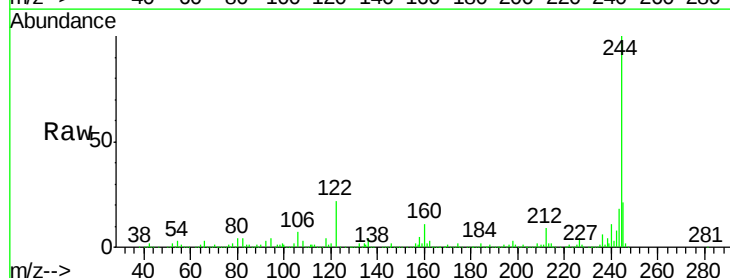
Tgt Ion:244 Resp: 836903

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

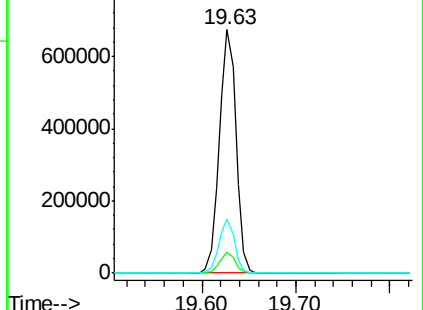
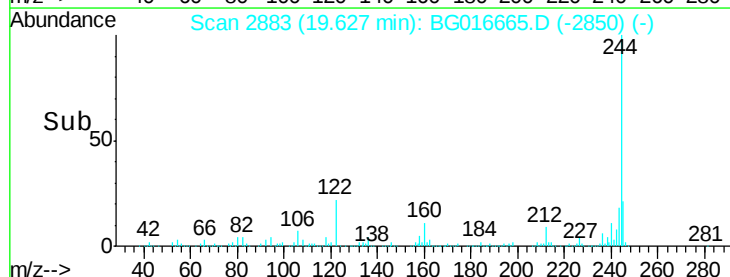
122 22.1 15.9 23.9

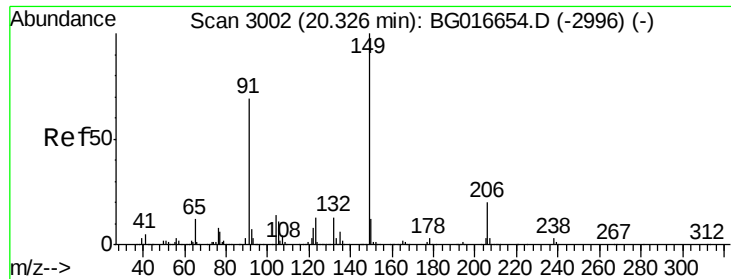


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

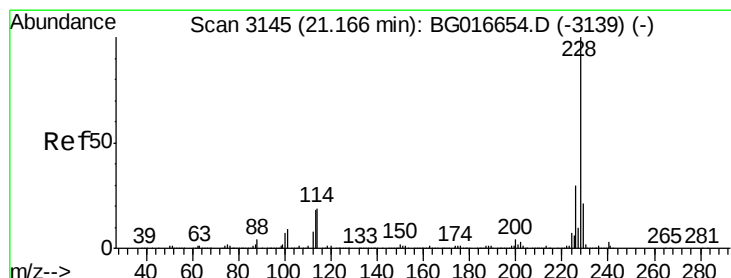
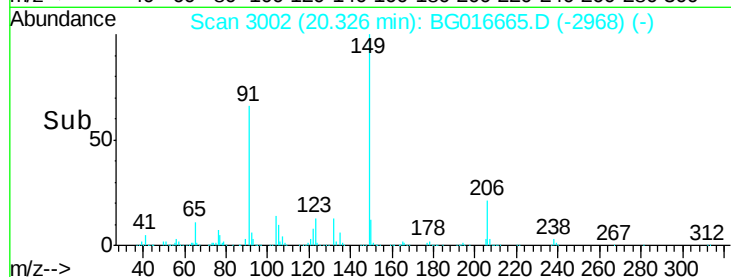
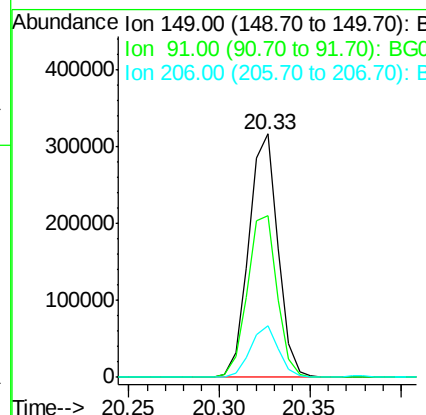
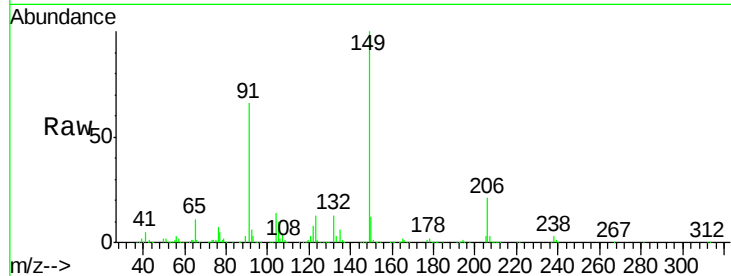




#79
Butylbenzylphthalate
Concen: 36.97 ng
RT: 20.33 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

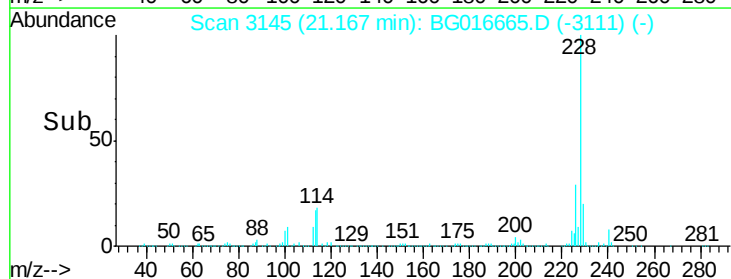
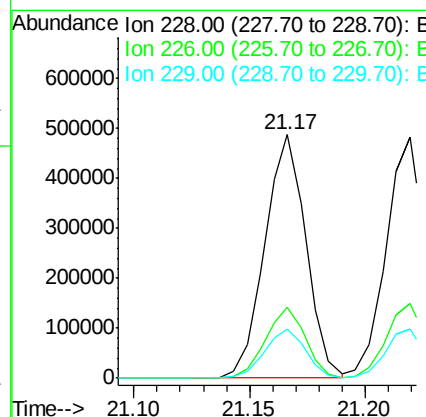
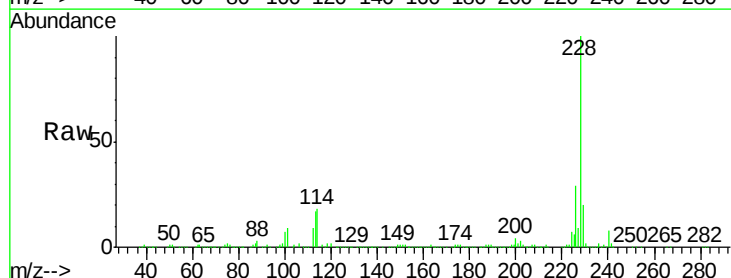
Instrument :
BNA_F
ClientSampleId :
PB82952BS

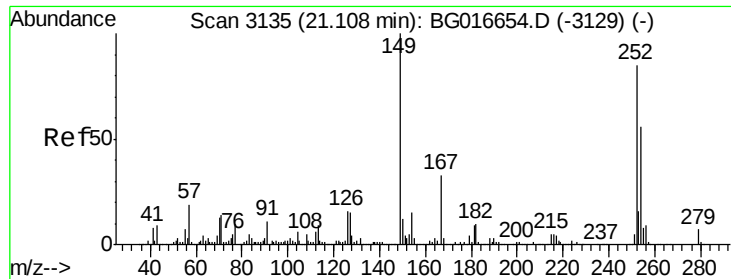
Tgt Ion:149 Resp: 352800
Ion Ratio Lower Upper
149 100
91 66.3 55.4 83.0
206 21.2 16.4 24.6



#80
Benzo(a)anthracene
Concen: 35.93 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG016665.D
Acq: 23 Apr 2015 22:37

Tgt Ion:228 Resp: 601583
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.6
229 20.3 17.0 25.4

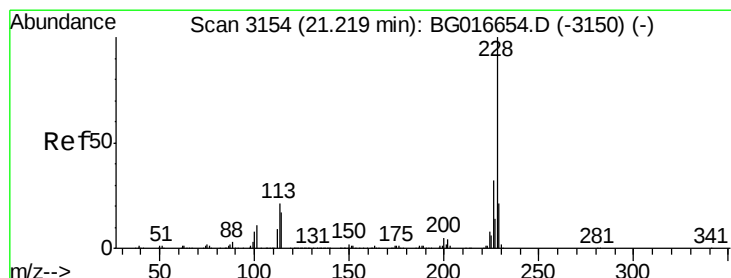
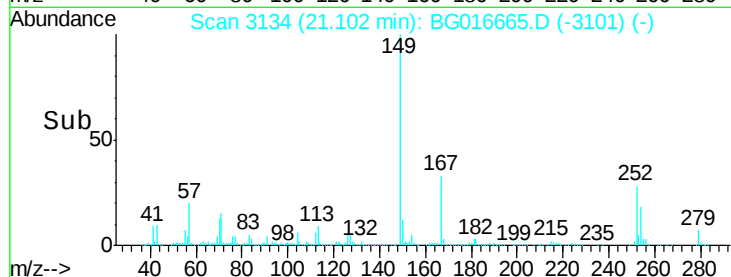
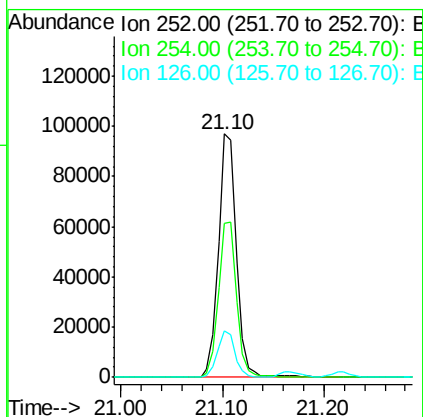
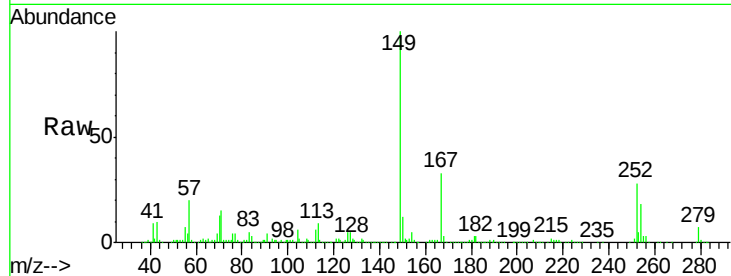




#81
 3,3'-Dichlorobenzidine
 Concen: 22.00 ng
 RT: 21.10 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

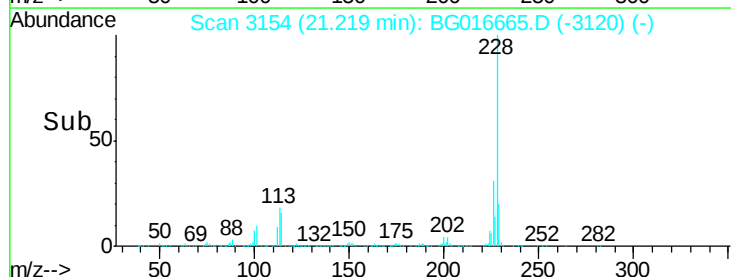
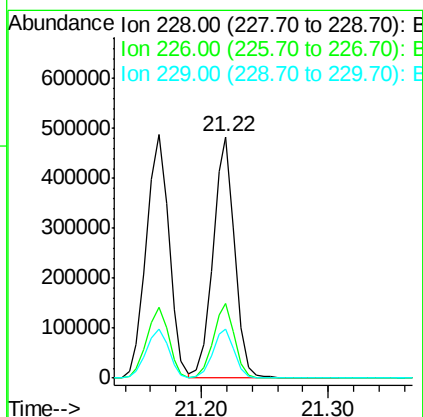
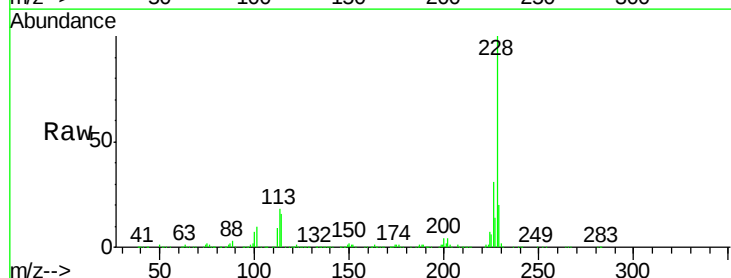
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

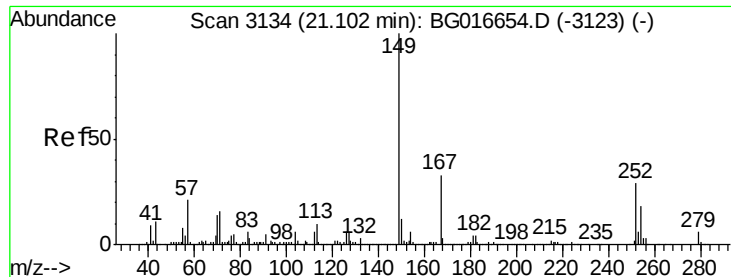
Tgt Ion:252 Resp: 120064
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.7 79.1
 126 19.2 15.3 22.9



#82
 Chrysene
 Concen: 35.76 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:228 Resp: 573901
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.2 16.5 24.7

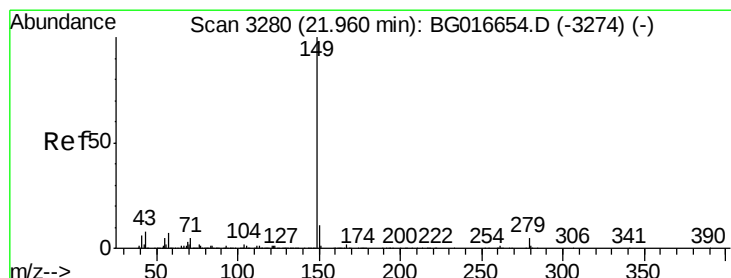
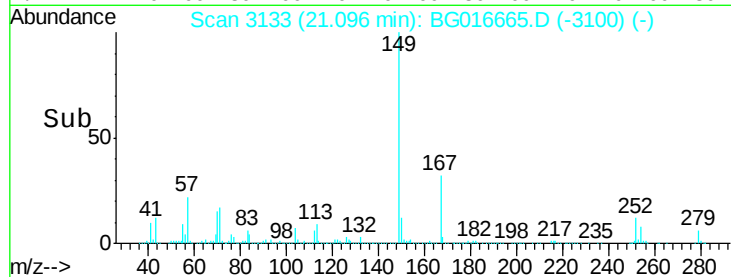
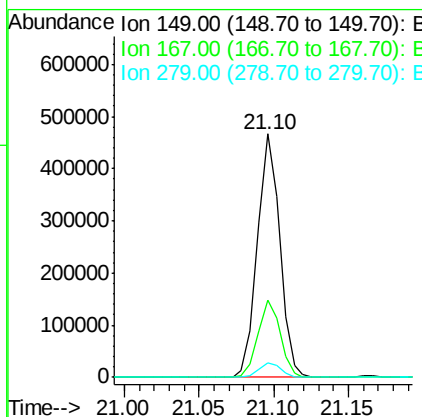
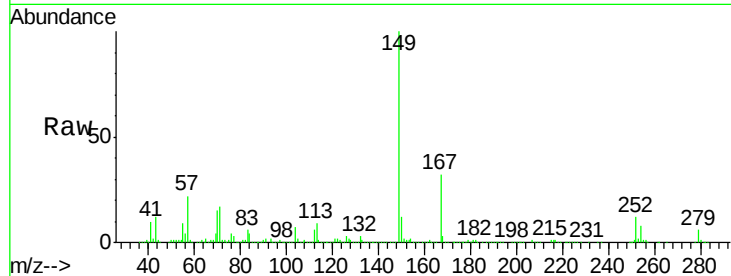




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.04 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

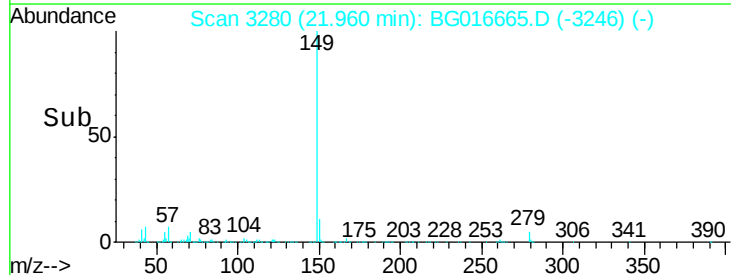
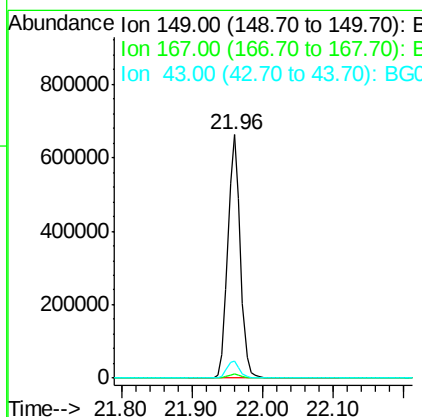
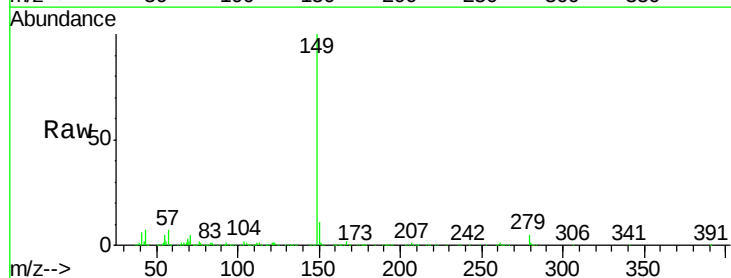
Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

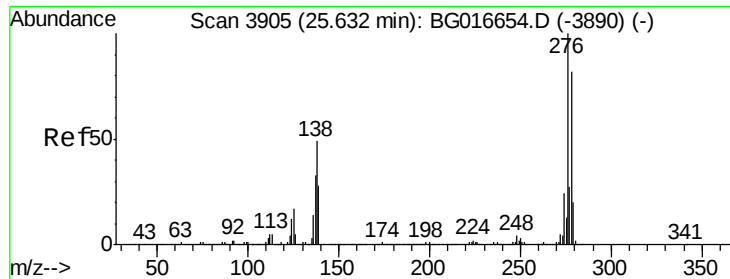
Tgt Ion:149 Resp: 480800
 Ion Ratio Lower Upper
 149 100
 167 31.9 26.6 39.8
 279 5.8 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 37.50 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion:149 Resp: 810882
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.0 5.7 8.5

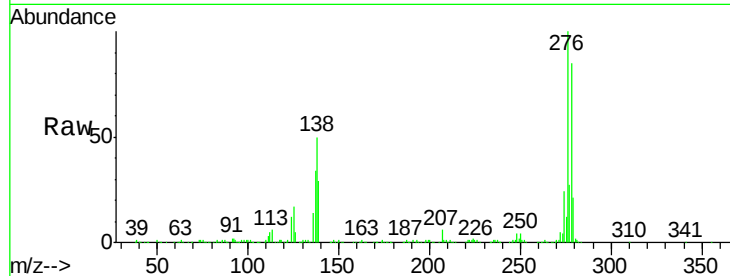




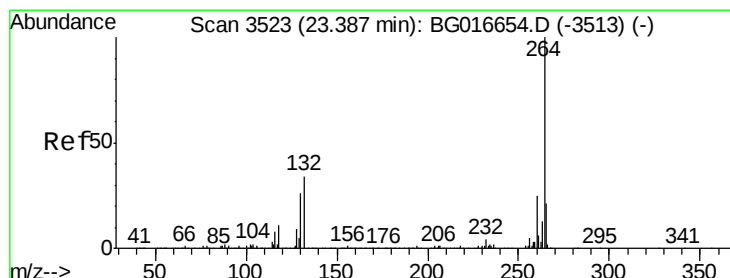
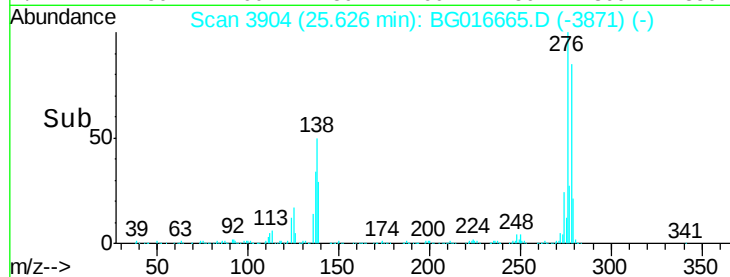
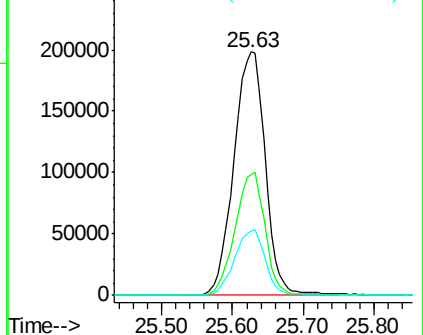
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.11 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82952BS

Tgt Ion: 276 Resp: 614236
 Ion Ratio Lower Upper
 276 100
 138 48.3 38.2 57.2
 277 26.4 21.4 32.2

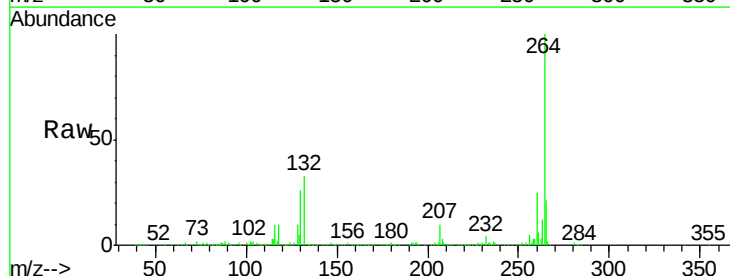


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

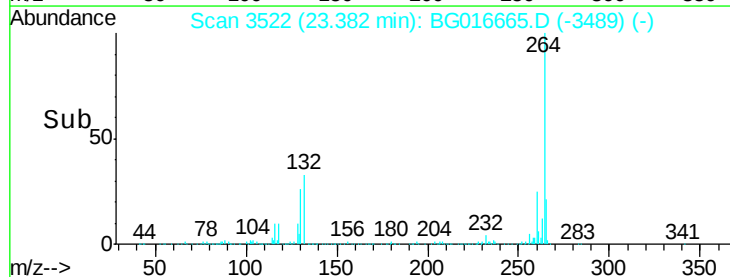
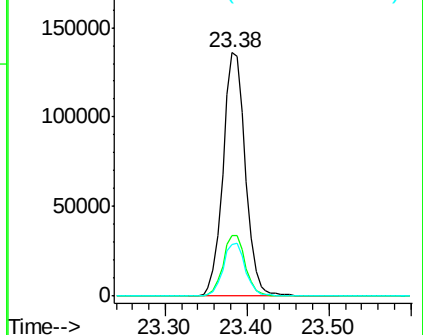


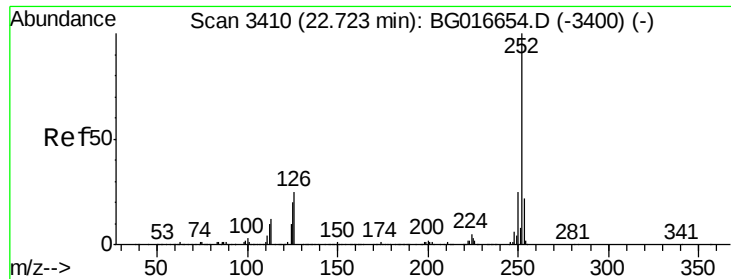
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 3522
 Delta R.T. -0.01 min
 Lab File: BG016665.D
 Acq: 23 Apr 2015 22:37

Tgt Ion: 264 Resp: 258450
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.1 16.8 25.2



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: 37.08 ng

RT: 22.72 min Scan# 3410

Delta R.T. 0.00 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

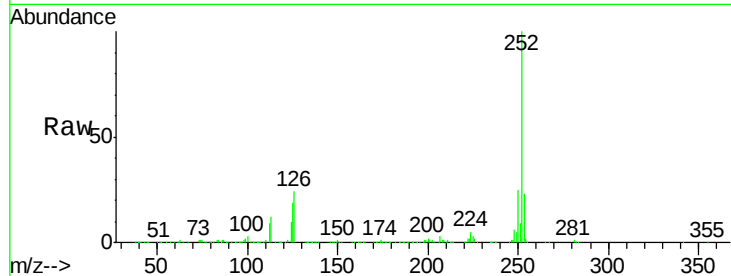
Tgt Ion:252 Resp: 582083

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

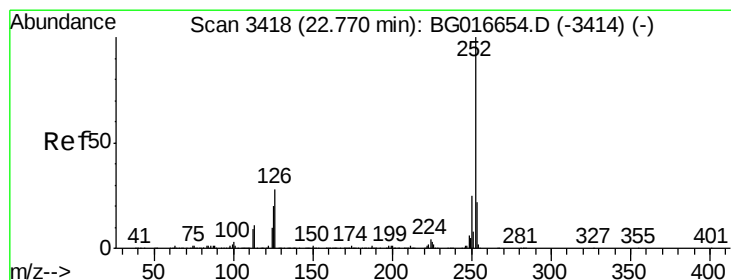
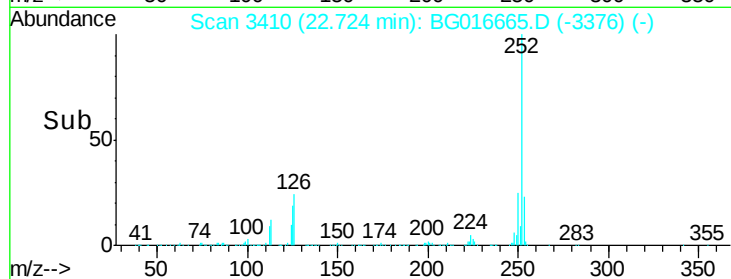
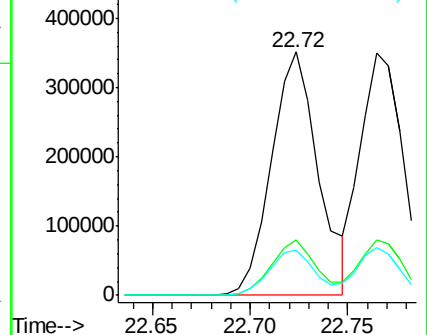
125 18.8 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.68 ng

RT: 22.76 min Scan# 3417

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

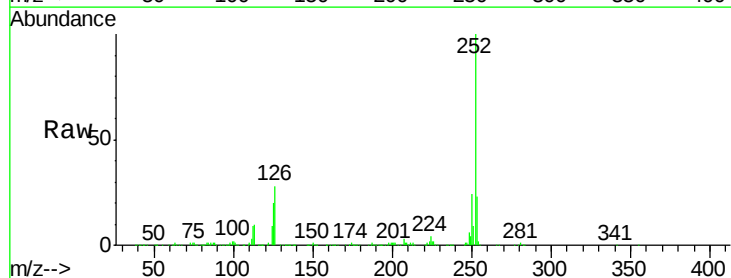
Tgt Ion:252 Resp: 531294

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

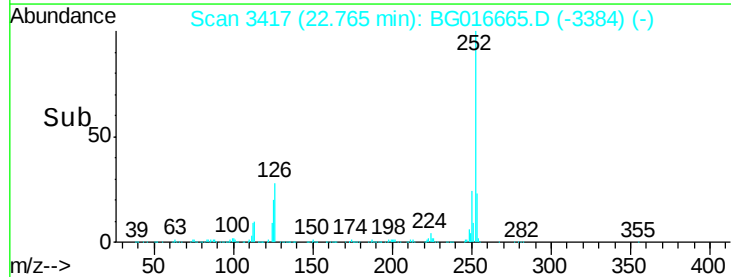
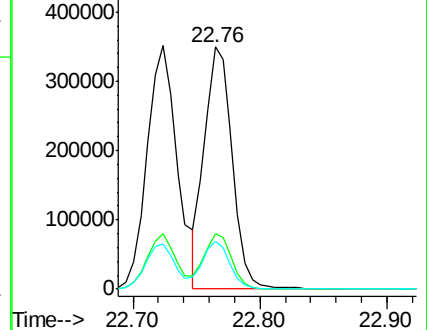
125 19.5 15.5 23.3

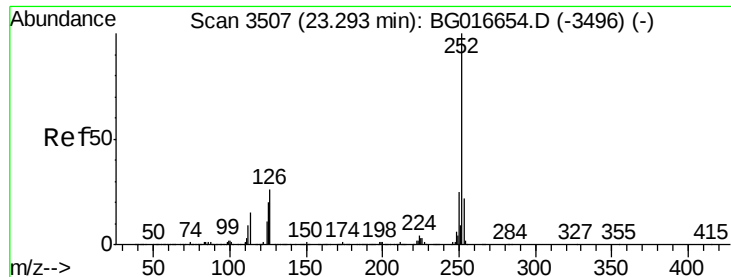


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.96 ng

RT: 23.29 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

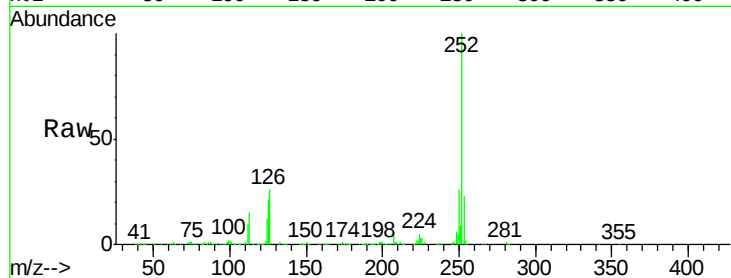
Tgt Ion:252 Resp: 546781

Ion Ratio Lower Upper

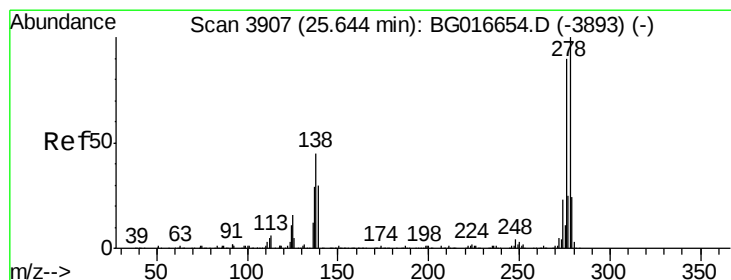
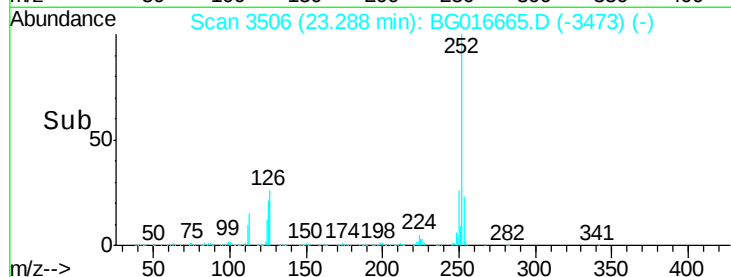
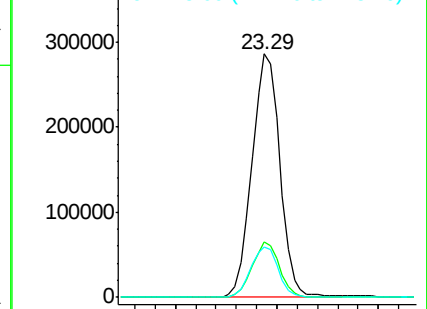
252 100

253 23.0 17.2 25.8

125 20.8 16.3 24.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.73 ng

RT: 25.63 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

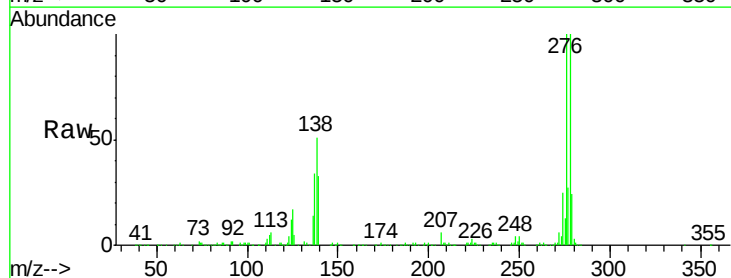
Tgt Ion:278 Resp: 513994

Ion Ratio Lower Upper

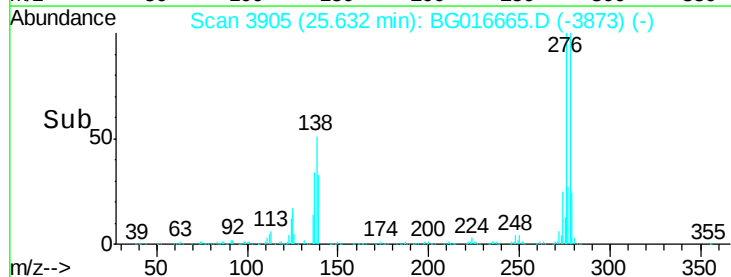
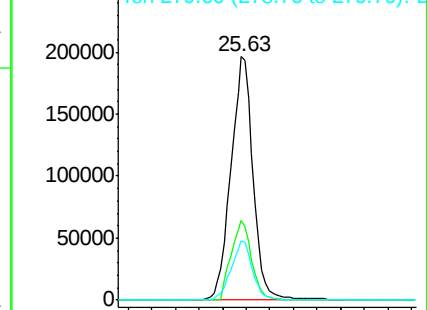
278 100

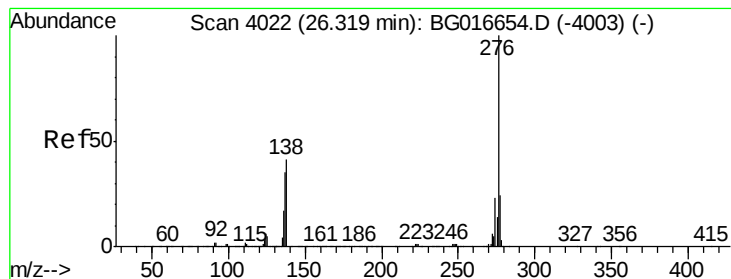
139 32.7 24.2 36.2

279 24.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.70 ng

RT: 26.31 min Scan# 4020

Delta R.T. -0.01 min

Lab File: BG016665.D

Acq: 23 Apr 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82952BS

Tgt Ion: 276 Resp: 522494

Ion Ratio Lower Upper

276 100

277 23.0 19.3 28.9

138 40.4 32.8 49.2

