

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017261.D
 Acq On : 23 May 2015 2:10
 Operator : TP/IZ
 Sample : G2353-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Quant Time: May 25 08:14:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	35251	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	149819	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	86818	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	184190	20.00	ng	0.00
75) Chrysene-d12	21.27	240	204220	20.00	ng	0.00
86) Perylene-d12	23.52	264	197537	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	144904	72.93	ng	0.00
7) Phenol-d6	6.89	99	123618	44.34	ng	0.00
23) Nitrobenzene-d5	8.84	82	276515	86.17	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	152684	145.48	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	553662	93.58	ng	0.00
78) Terphenyl-d14	19.71	244	592017	60.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	12983	16.56	ng	96
3) Pyridine	3.56	79	19563	8.25	ng	94
4) n-Nitrosodimethylamine	3.47	42	27371	15.21	ng	# 93
6) Aniline	7.02	93	23202	6.01	ng	# 91
8) 2-Chlorophenol	7.26	128	97621	41.07	ng	97
9) Benzaldehyde	6.82	77	19547	8.59	ng	89
10) Phenol	6.92	94	48225	16.31	ng	96
11) bis(2-Chloroethyl)ether	7.12	93	107086	48.30	ng	99
12) 1,3-Dichlorobenzene	7.57	146	112498	42.38	ng	99
13) 1,4-Dichlorobenzene	7.72	146	114887	42.88	ng	94
14) 1,2-Dichlorobenzene	8.03	146	113419	44.32	ng	96
15) Benzyl Alcohol	7.93	79	67178	24.80	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	176650	49.14	ng	99
17) 2-Methylphenol	8.15	107	69981	32.64	ng	92
18) Hexachloroethane	8.76	117	48194	43.06	ng	94
19) n-Nitroso-di-n-propylamine	8.49	70	100679	41.44	ng	98
20) 3+4-Methylphenols	8.48	107	86487	29.03	ng	93
22) Acetophenone	8.51	105	175341	48.22	ng	# 96
24) Nitrobenzene	8.89	77	149562	47.63	ng	97
25) Isophorone	9.41	82	262921	44.45	ng	98
26) 2-Nitrophenol	9.60	139	66999	47.74	ng	95
27) 2,4-Dimethylphenol	9.67	122	99250	42.96	ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	137463	47.73	ng	98
29) 2,4-Dichlorophenol	10.14	162	104294	47.86	ng	97
30) 1,2,4-Trichlorobenzene	10.34	180	115810	46.84	ng	94
31) Naphthalene	10.53	128	343974	46.92	ng	98
32) Benzoic acid	9.80	122	21431	13.69	ng	# 77
33) 4-Chloroaniline	10.64	127	14238	4.11	ng	# 92
34) Hexachlorobutadiene	10.81	225	70468	45.02	ng	96
35) Caprolactam	11.43	113	6370	5.81	ng	95
36) 4-Chloro-3-methylphenol	11.79	107	113763	41.32	ng	97
37) 2-Methylnaphthalene	12.14	142	256844	44.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	127052	51.72	ng	99
40) Hexachlorocyclopentadiene	12.49	237	159400	106.39	ng	94

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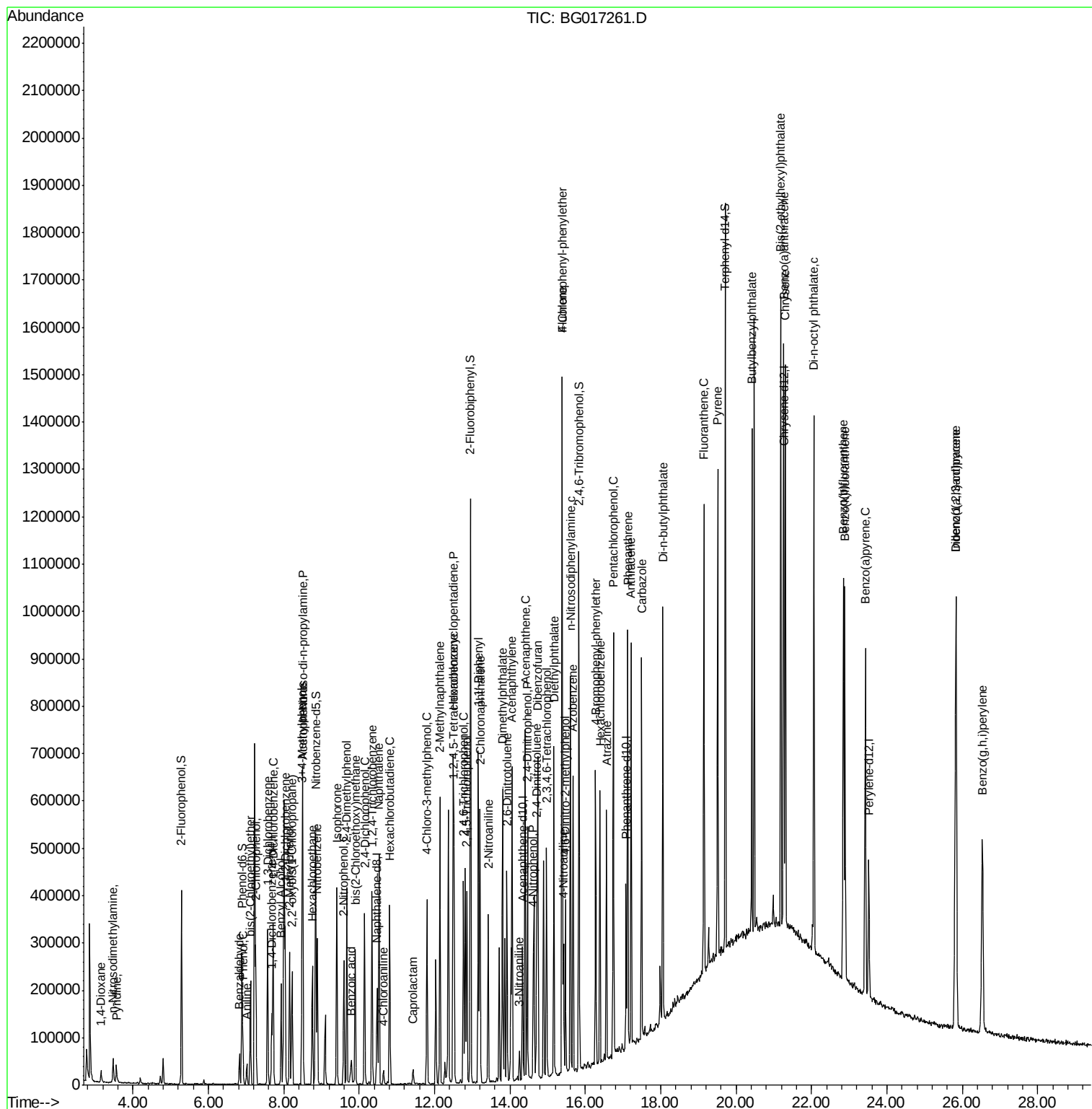
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	88335	50.70	ng	99
43) 2,4,5-Trichlorophenol	12.86	196	95607	53.26	ng	96
45) 1,1'-Biphenyl	13.16	154	318911	51.00	ng	99
46) 2-Chloronaphthalene	13.20	162	254297	51.36	ng	97
47) 2-Nitroaniline	13.42	65	91694	47.60	ng	99
48) Acenaphthylene	14.06	152	414241	48.85	ng	100
49) Dimethylphthalate	13.80	163	326483	48.09	ng	100
50) 2,6-Dinitrotoluene	13.92	165	75737	50.35	ng	96
51) Acenaphthene	14.40	154	249844	49.88	ng	98
52) 3-Nitroaniline	14.25	138	13857	8.30	ng	# 98
53) 2,4-Dinitrophenol	14.46	184	95060	108.84	ng	97
54) Dibenzofuran	14.74	168	376864	50.61	ng	98
55) 4-Nitrophenol	14.61	139	53495	39.81	ng	89
56) 2,4-Dinitrotoluene	14.71	165	103503	49.33	ng	97
57) Fluorene	15.38	166	319984	48.55	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.97	232	86328	52.40	ng	96
59) Diethylphthalate	15.17	149	333329	45.71	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	167993	49.62	ng	96
61) 4-Nitroaniline	15.42	138	64237	34.50	ng	97
62) Azobenzene	15.67	77	342626	49.18	ng	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	64297	50.93	ng	97
65) n-Nitrosodiphenylamine	15.60	169	281614	49.80	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	98605	49.09	ng	95
67) Hexachlorobenzene	16.39	284	101598	47.93	ng	97
68) Atrazine	16.56	200	82344	39.81	ng	98
69) Pentachlorophenol	16.74	266	137002	103.53	ng	94
70) Phenanthrene	17.12	178	468114	49.29	ng	99
71) Anthracene	17.22	178	473665	49.21	ng	97
72) Carbazole	17.49	167	445979	50.42	ng	98
73) Di-n-butylphthalate	18.06	149	574860	48.57	ng	98
74) Fluoranthene	19.14	202	540300	47.37	ng	97
77) Pyrene	19.51	202	565324	45.12	ng	100
79) Butylbenzylphthalate	20.41	149	269587	47.32	ng	97
80) Benzo(a)anthracene	21.25	228	565357	48.31	ng	99
82) Chrysene	21.31	228	529275	48.55	ng	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	384261	47.46	ng	99
84) Di-n-octyl phthalate	22.06	149	655149	48.60	ng	100
85) Indeno(1,2,3-cd)pyrene	25.83	276	623121	47.77	ng	99
87) Benzo(b)fluoranthene	22.85	252	552193	47.95	ng	# 98
88) Benzo(k)fluoranthene	22.89	252	541853	49.56	ng	99
89) Benzo(a)pyrene	23.43	252	528293	49.96	ng	98
90) Dibenzo(a,h)anthracene	25.84	278	525458	48.40	ng	99
91) Benzo(g,h,i)perylene	26.54	276	499962	48.93	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

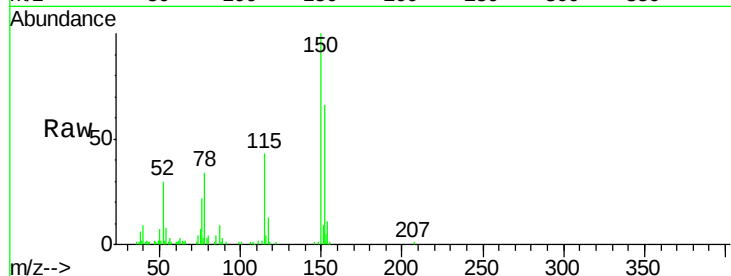
Tgt Ion:152 Resp: 35251

Ion Ratio Lower Upper

152 100

150 152.1 120.8 181.2

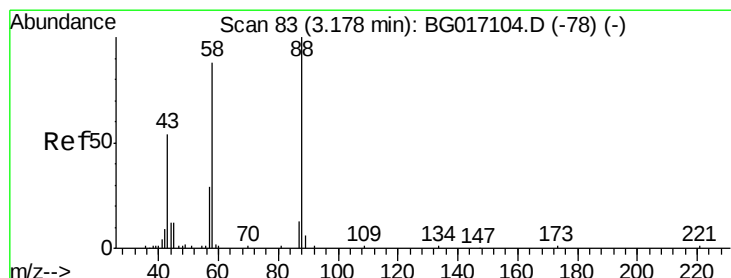
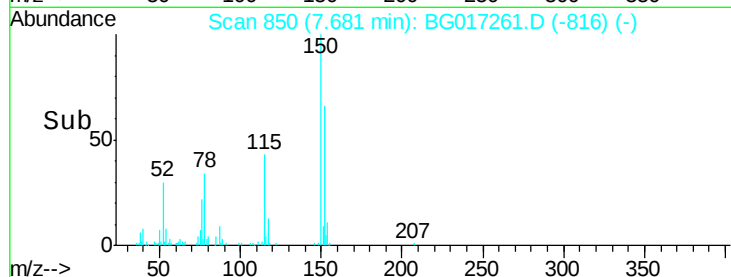
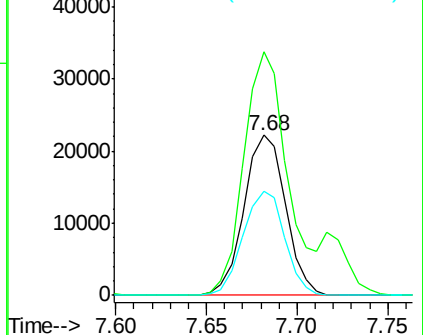
115 65.3 49.4 74.2



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: 16.56 ng

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

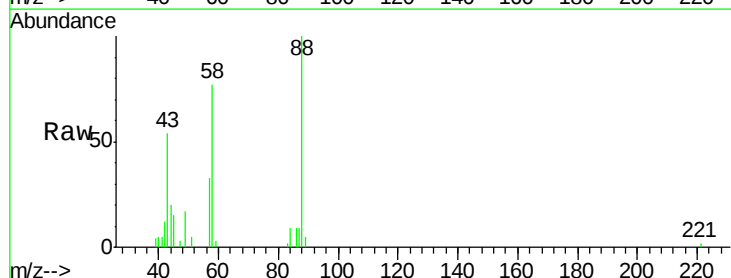
Tgt Ion: 88 Resp: 12983

Ion Ratio Lower Upper

88 100

58 86.9 68.6 103.0

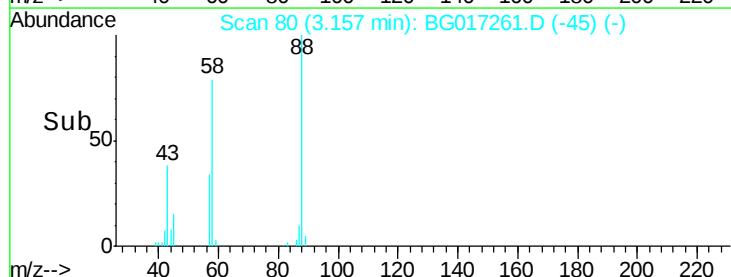
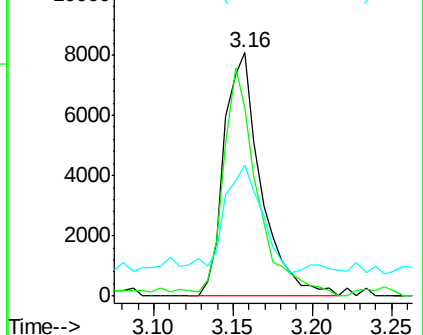
43 44.3 40.3 60.5



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: 8.25 ng

RT: 3.56 min Scan# 148

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

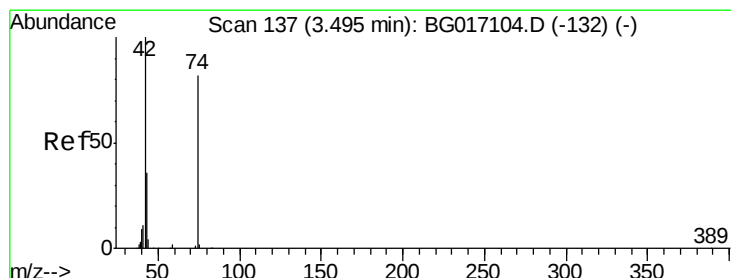
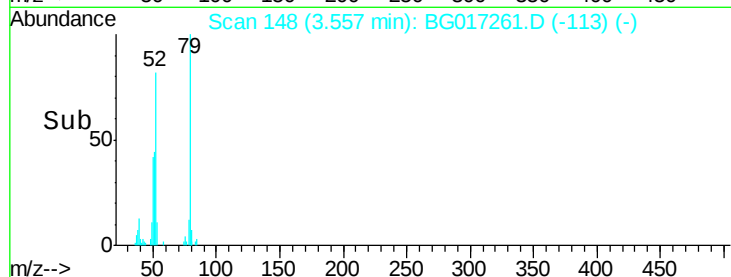
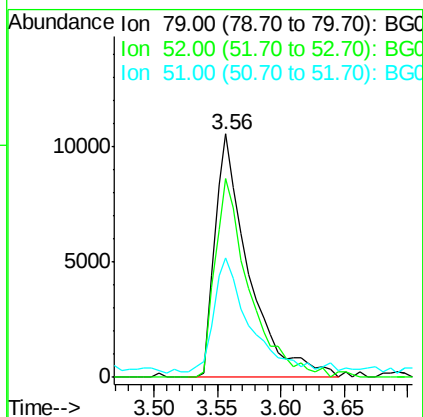
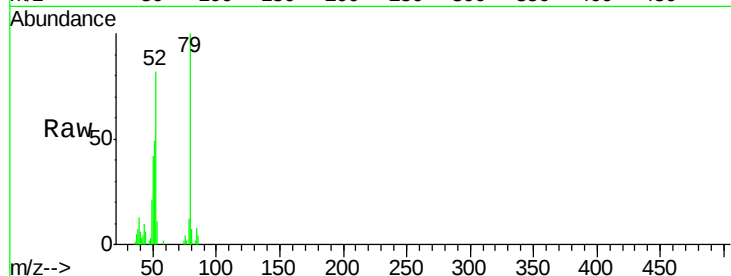
Tgt Ion: 79 Resp: 19563

Ion Ratio Lower Upper

79 100

52 81.9 72.2 108.2

51 49.3 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 15.21 ng

RT: 3.47 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

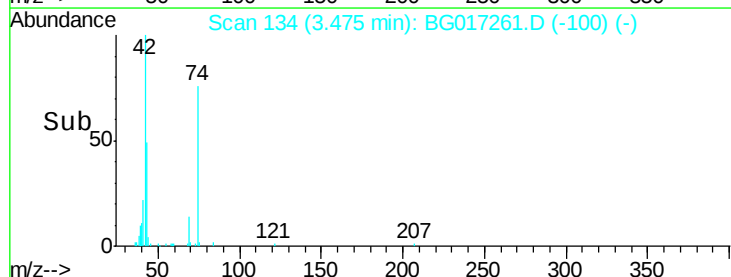
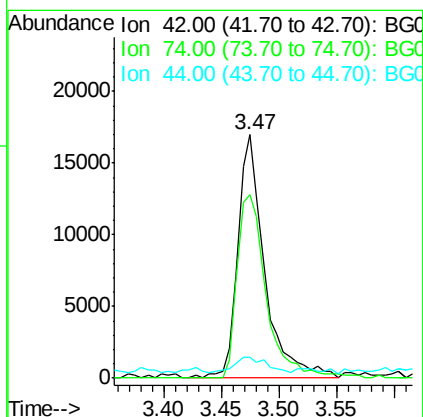
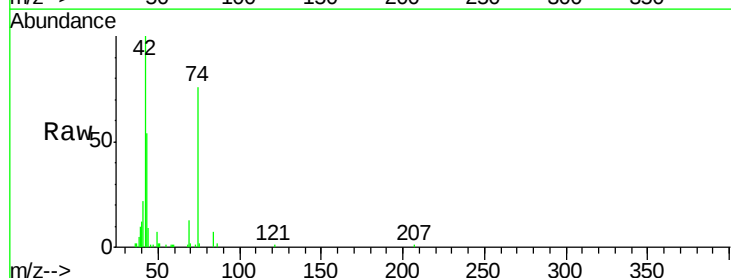
Tgt Ion: 42 Resp: 27371

Ion Ratio Lower Upper

42 100

74 75.6 65.2 97.8

44 8.5 3.2 4.8#





#5

2-Fluorophenol

Concen: 72.93 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

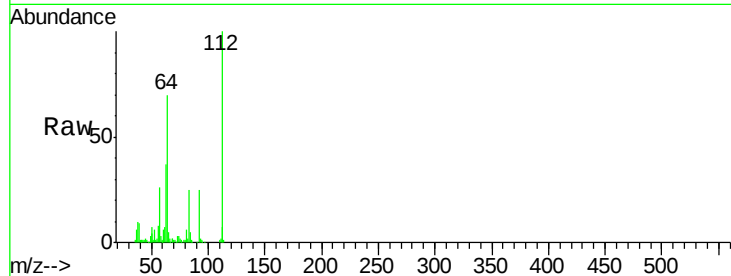
Instrument :

BNA_G

ClientSampleId :

VE4-11MS

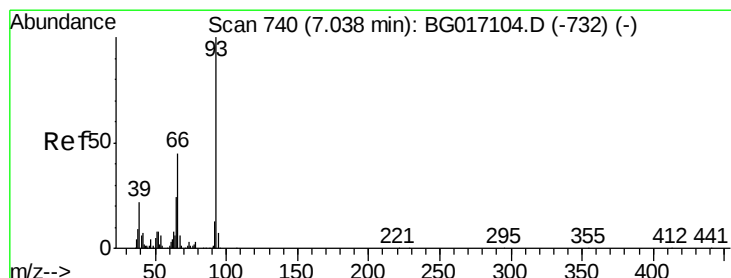
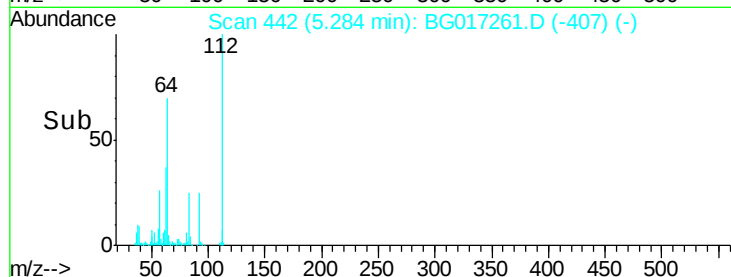
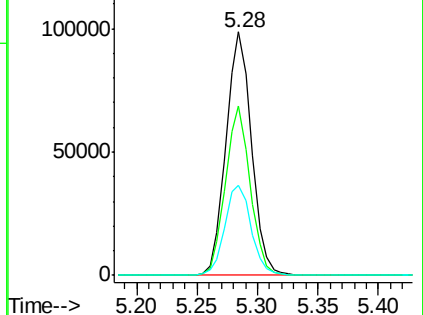
Tgt Ion:	112	Resp:	144904
Ion	Ratio	Lower	Upper
112	100		
64	69.6	48.1	72.1
63	37.0	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.01 ng

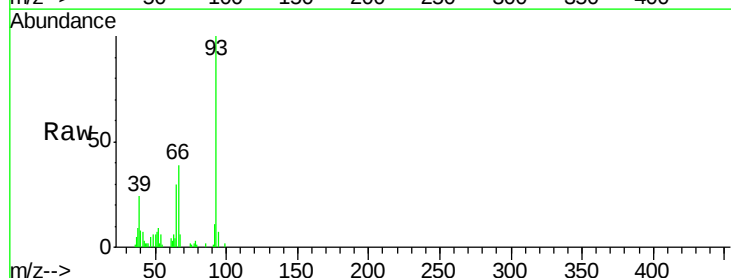
RT: 7.02 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

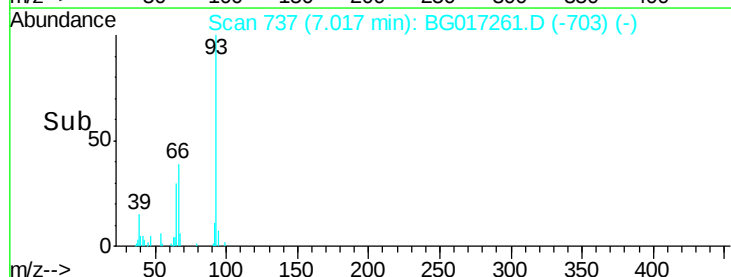
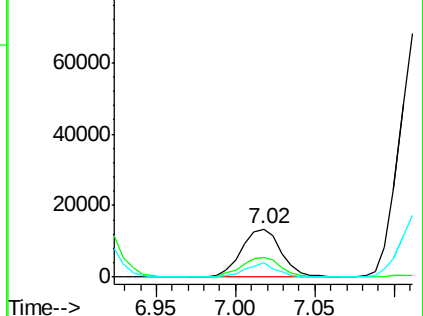
Tgt Ion:	93	Resp:	23202
Ion	Ratio	Lower	Upper
93	100		
66	39.5	35.8	53.8
65	29.8	19.2	28.8#

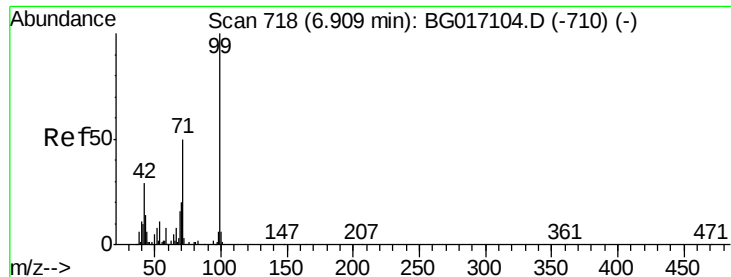


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 44.34 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampled :

VE4-11MS

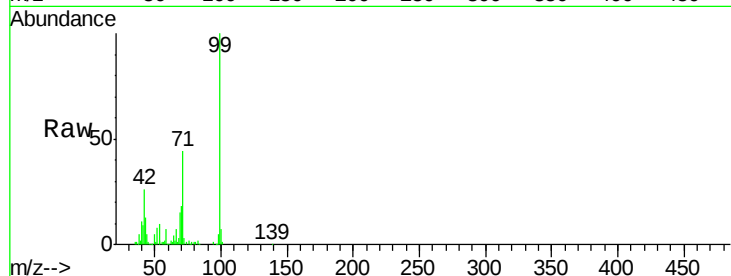
Tgt Ion: 99 Resp: 123618

Ion Ratio Lower Upper

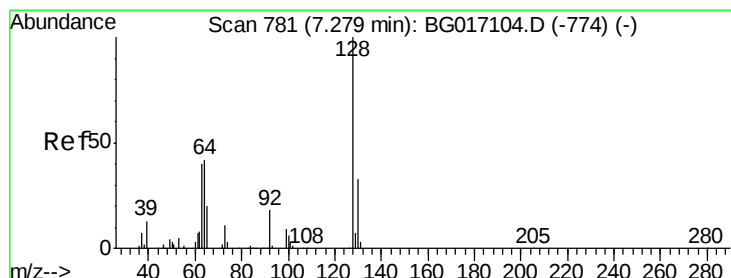
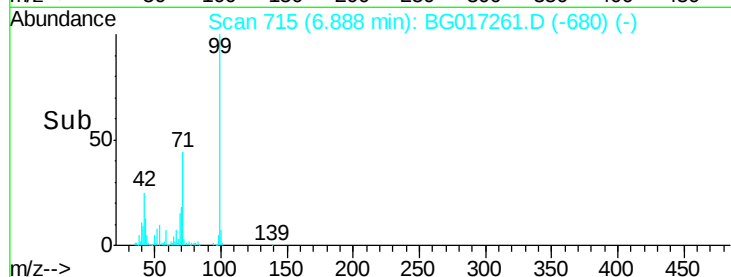
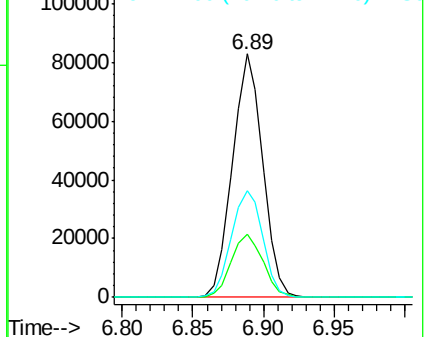
99 100

42 25.8 23.5 35.3

71 44.1 39.8 59.8



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: 41.07 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

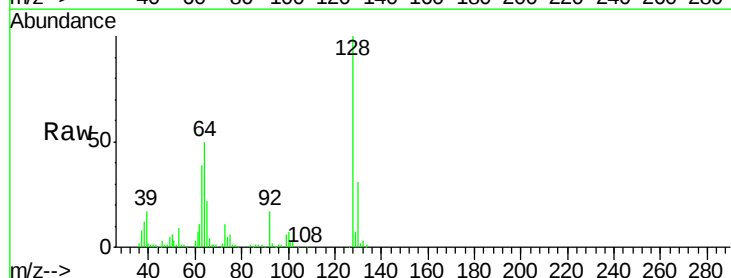
Tgt Ion: 128 Resp: 97621

Ion Ratio Lower Upper

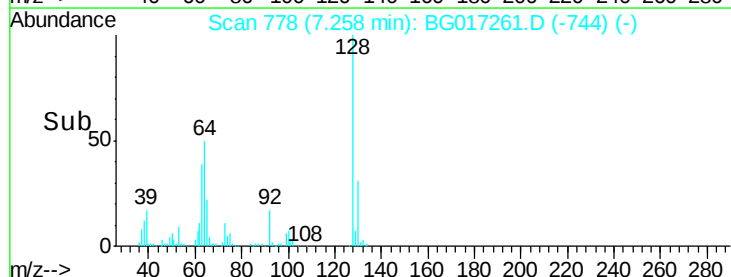
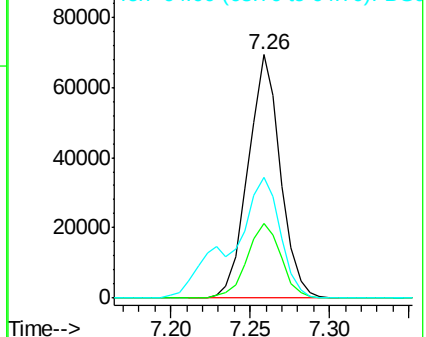
128 100

130 30.7 13.3 53.3

64 49.8 30.9 70.9



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: 8.59 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

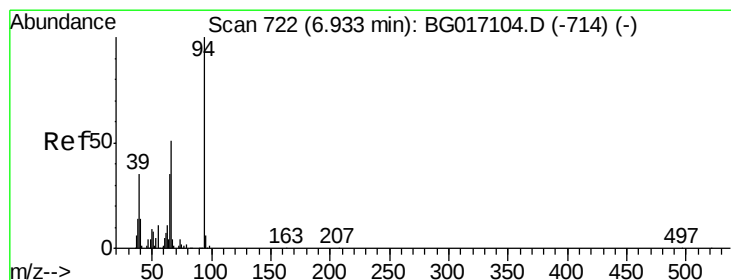
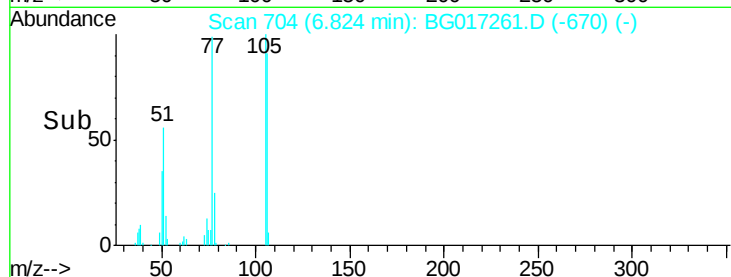
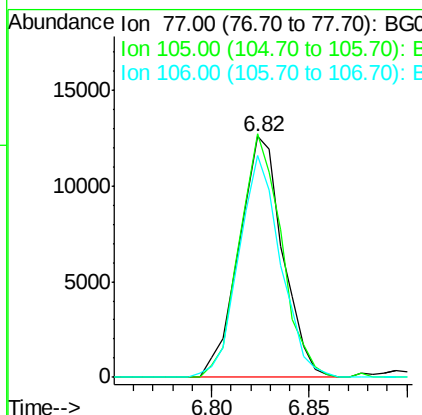
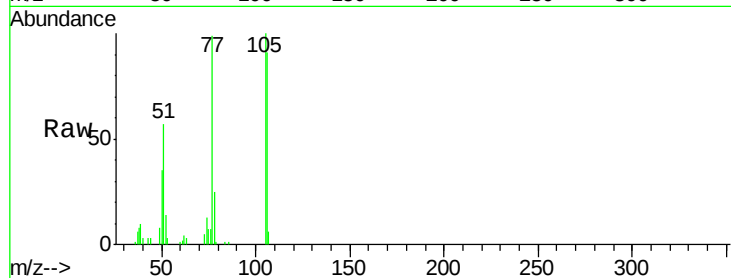
BNA_G

ClientSampleId :

VE4-11MS

Tgt Ion: 77 Resp: 19547

Ion	Ratio	Lower	Upper
77	100		
105	101.2	69.5	109.5
106	92.5	63.4	103.4



#10

Phenol

Concen: 16.31 ng

RT: 6.92 min Scan# 720

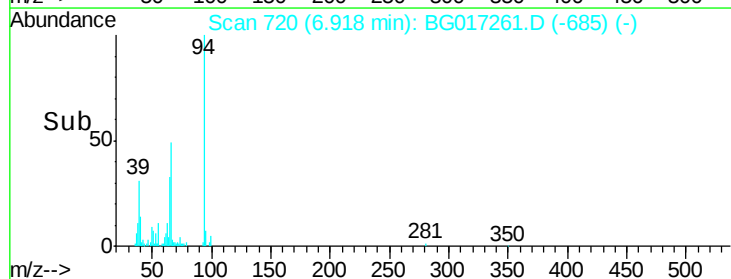
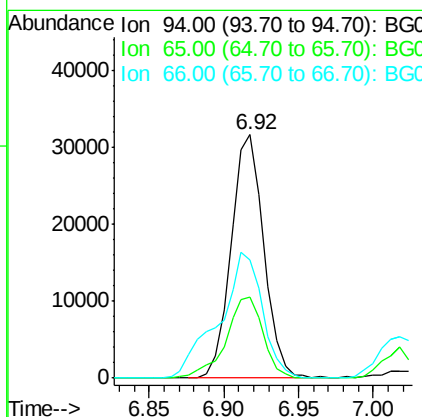
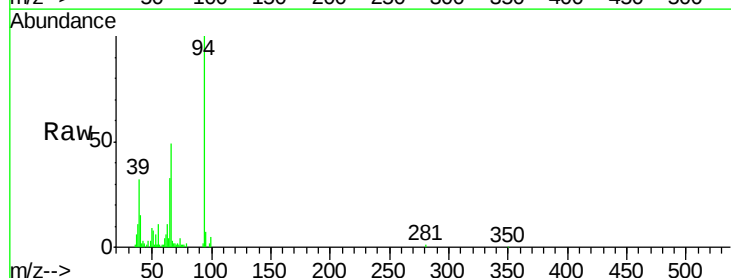
Delta R.T. 0.01 min

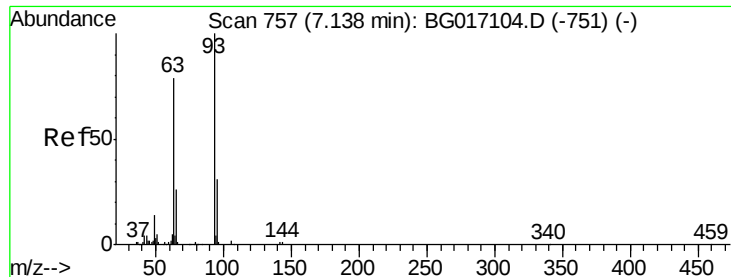
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Tgt Ion: 94 Resp: 48225

Ion	Ratio	Lower	Upper
94	100		
65	33.1	15.0	55.0
66	48.7	32.1	72.1

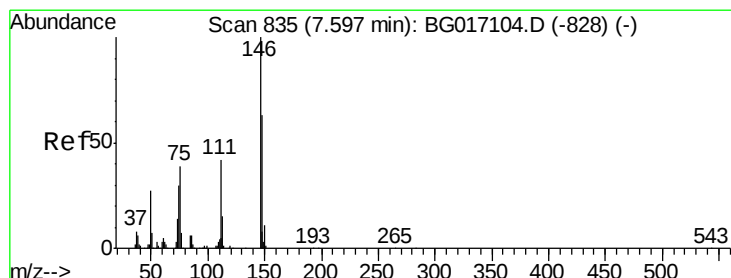
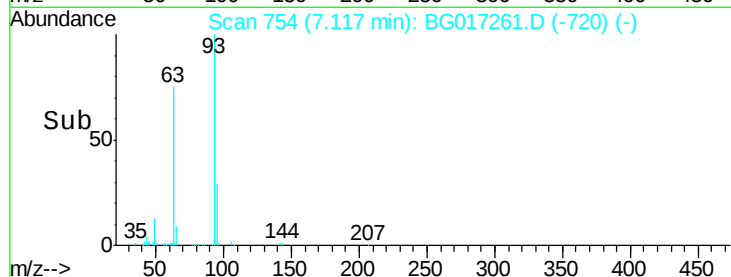
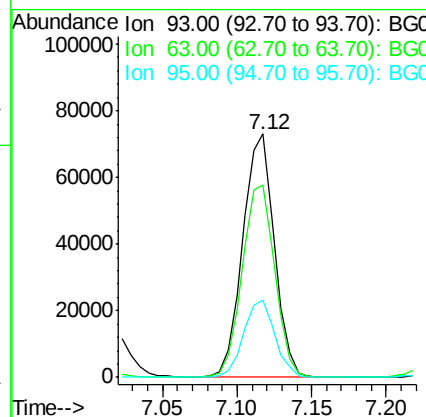
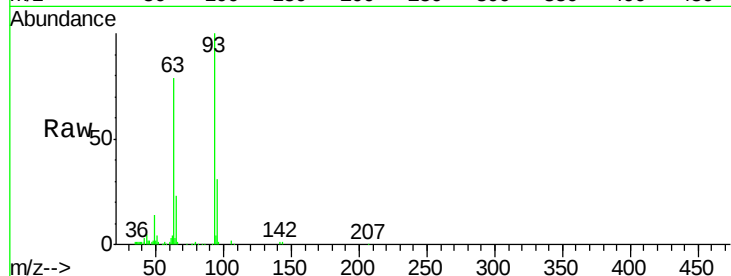




#11
 bis(2-Chloroethyl)ether
 Concen: 48.30 ng
 RT: 7.12 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

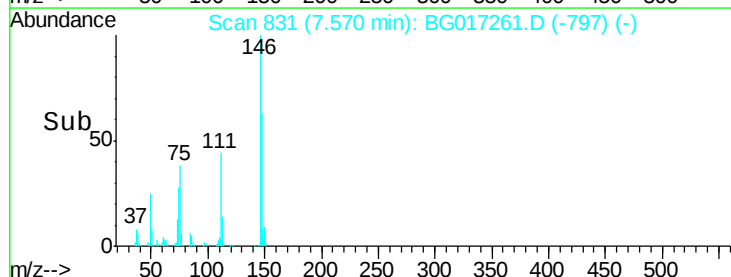
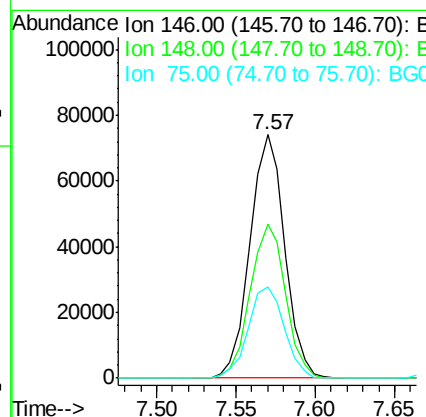
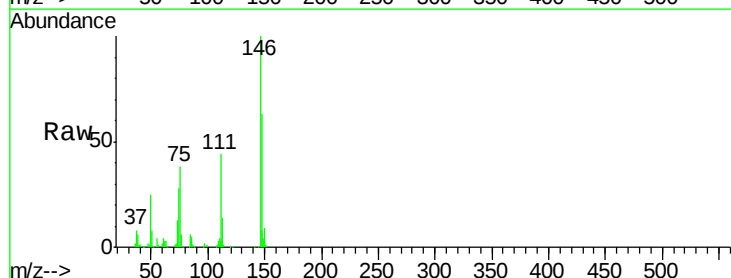
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

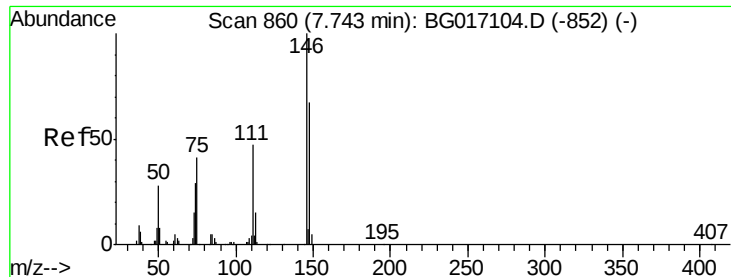
Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.0	58.5	98.5
95	31.5	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 42.38 ng
 RT: 7.57 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
75	37.7	31.4	47.2

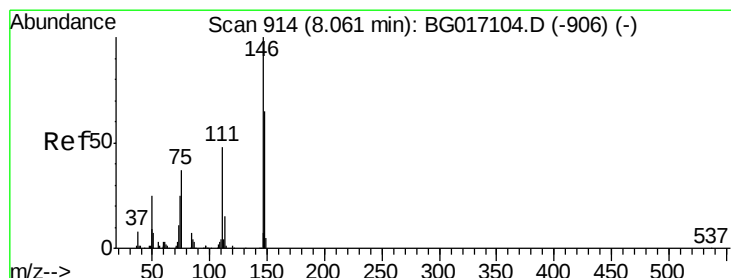
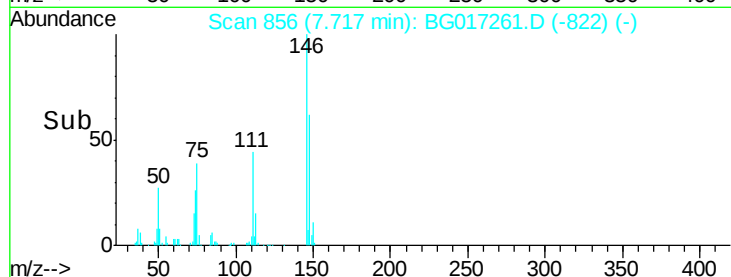
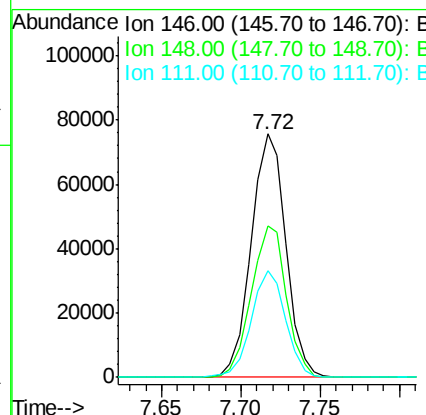
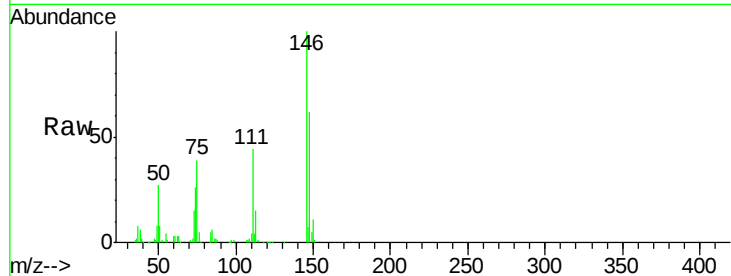




#13
 1,4-Dichlorobenzene
 Concen: 42.88 ng
 RT: 7.72 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

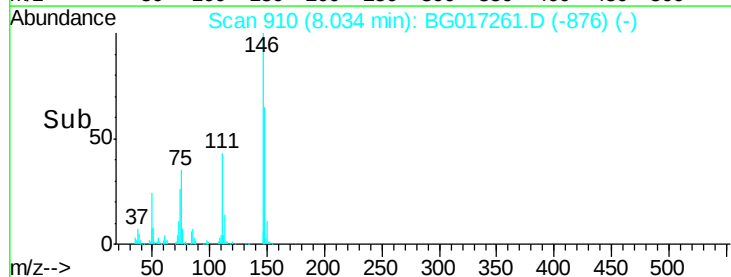
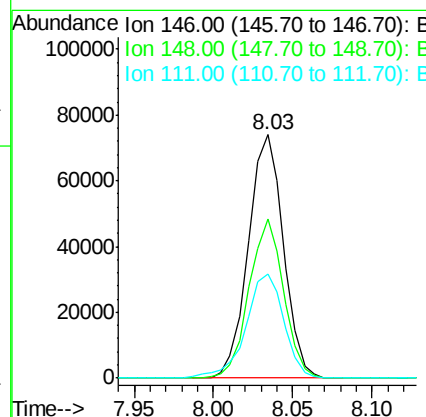
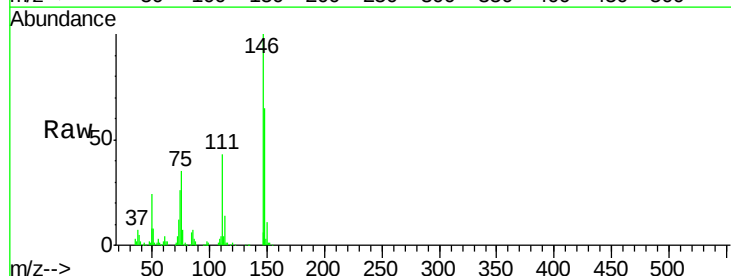
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.9	80.9
111	43.9	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 44.32 ng
 RT: 8.03 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
111	42.7	39.0	58.4

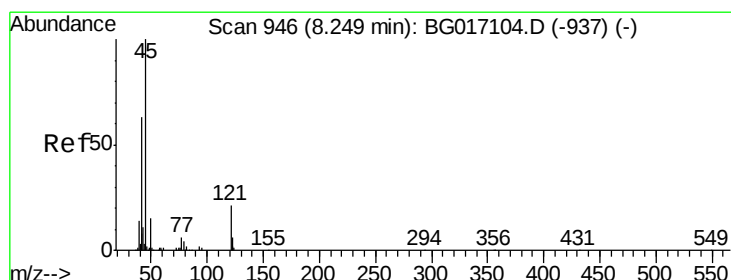
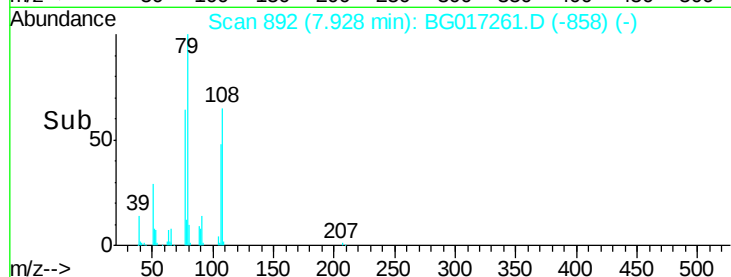
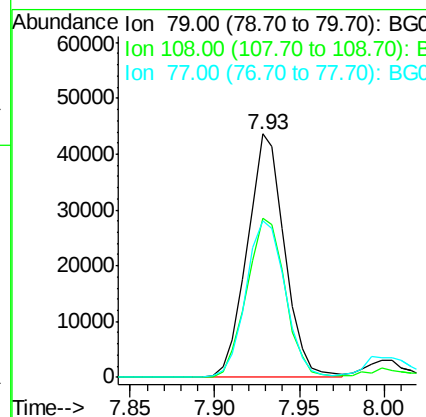
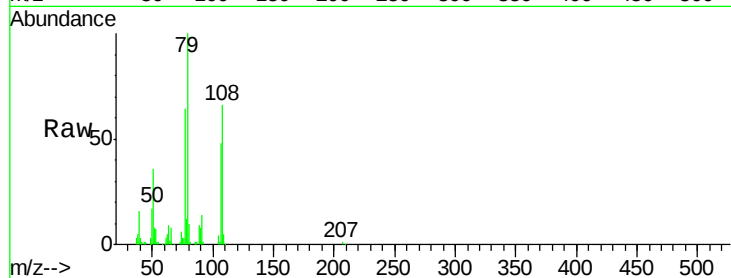




#15
Benzyl Alcohol
Concen: 24.80 ng
RT: 7.93 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

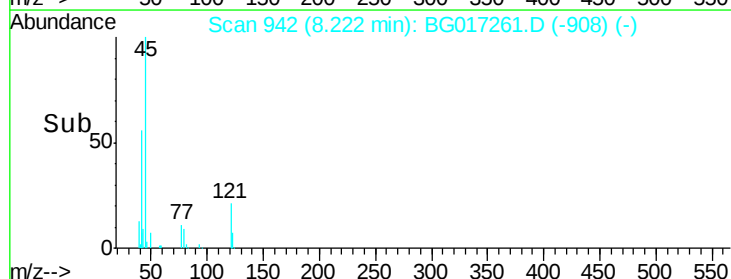
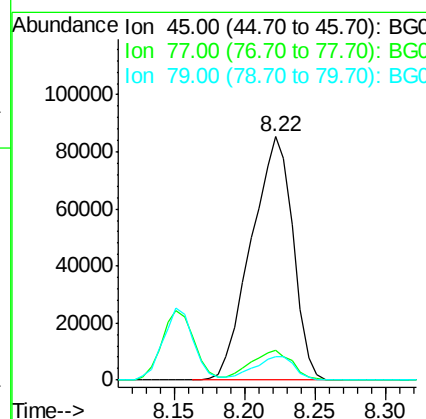
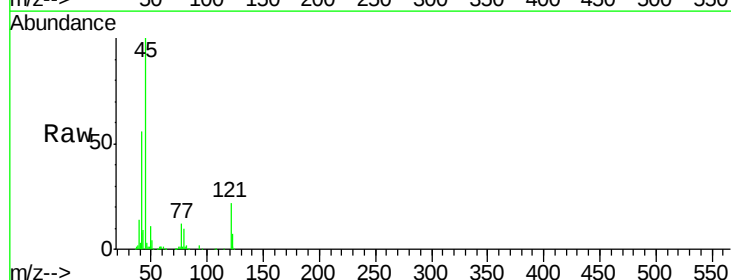
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

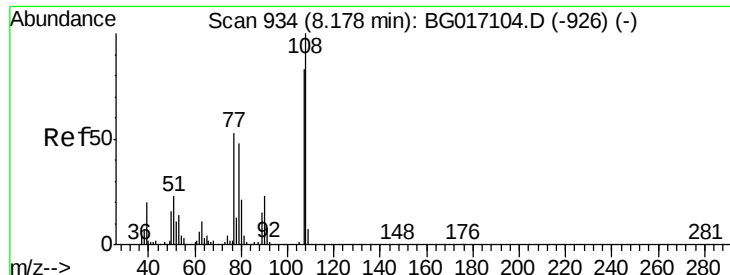
Tgt Ion: 79 Resp: 67178
Ion Ratio Lower Upper
79 100
108 65.5 55.8 83.6
77 64.1 55.4 83.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.14 ng
RT: 8.22 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion: 45 Resp: 176650
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.5
79 9.7 0.0 29.4





#17

2-Methylphenol

Concen: 32.64 ng

RT: 8.15 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

Tgt Ion:107 Resp: 69981

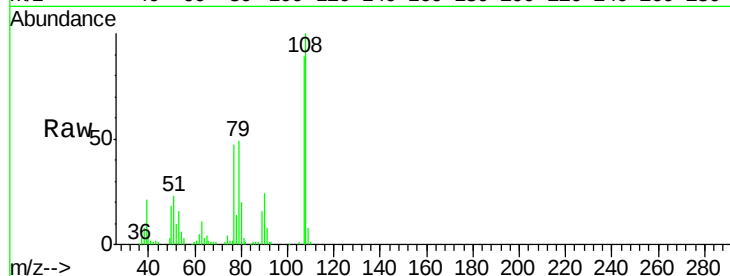
Ion Ratio Lower Upper

107 100

108 112.6 96.6 144.8

77 53.0 51.2 76.8

79 55.7 45.9 68.9



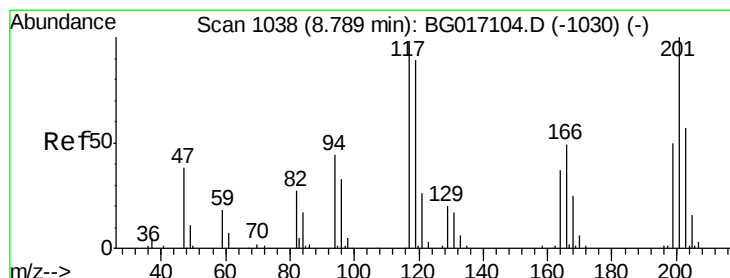
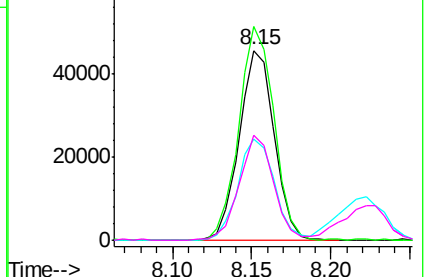
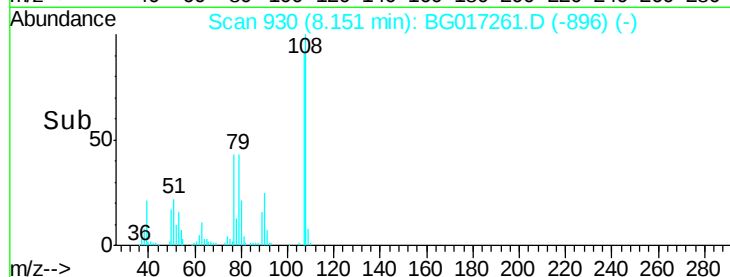
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 43.06 ng

RT: 8.76 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

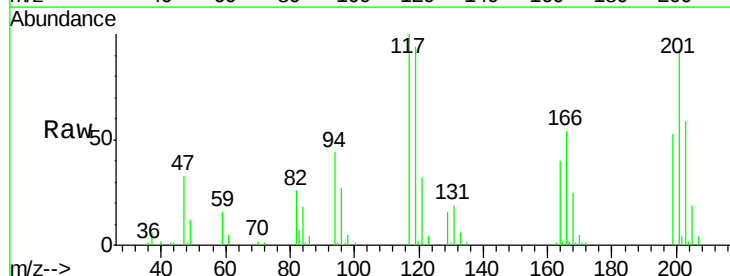
Tgt Ion:117 Resp: 48194

Ion Ratio Lower Upper

117 100

119 94.1 73.0 109.6

201 93.1 81.7 122.5

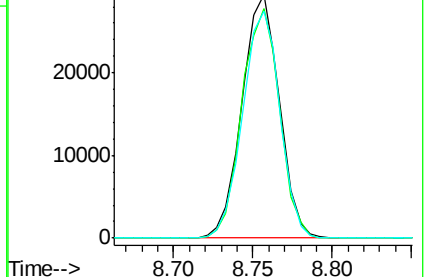
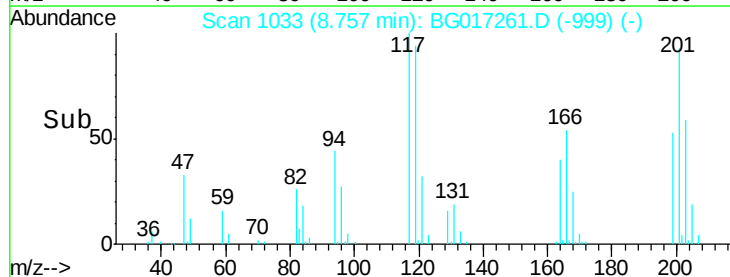


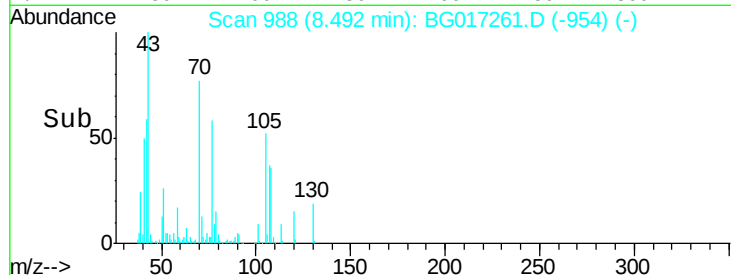
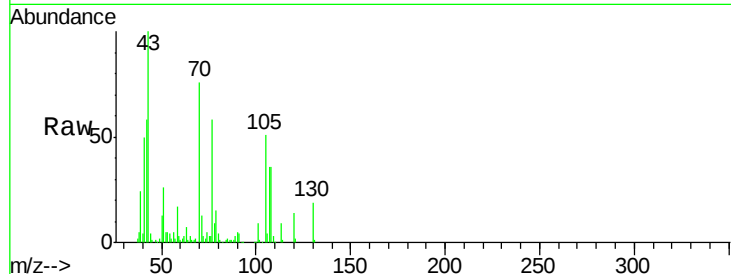
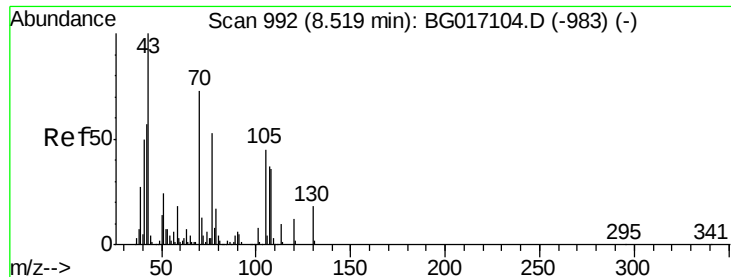
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

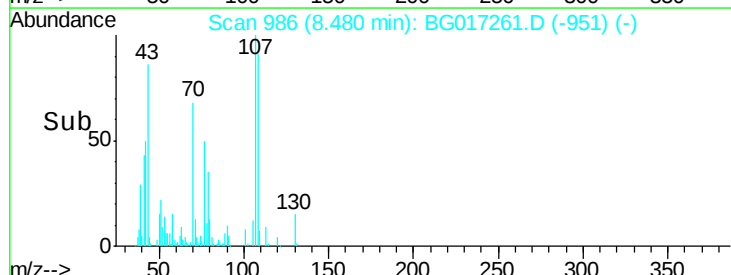
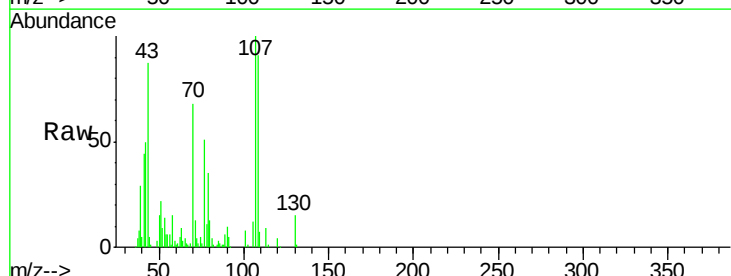
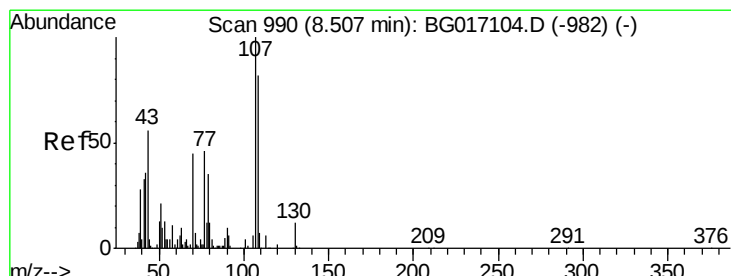
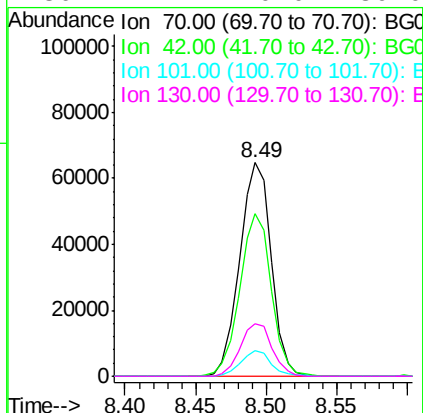




#19
n-Nitroso-di-n-propylamine
Concen: 41.44 ng
RT: 8.49 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

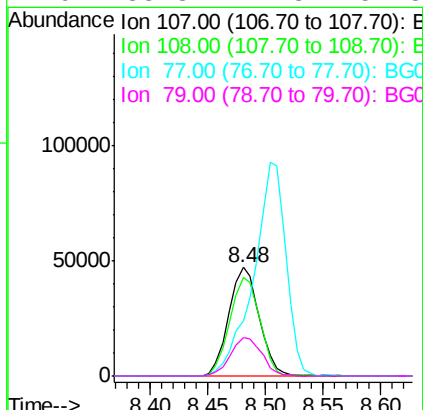
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

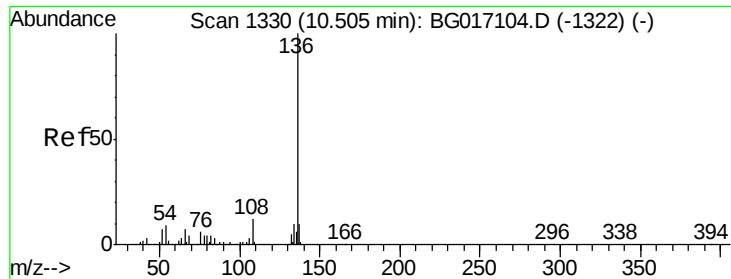
Tgt Ion:	70	Resp:	100679
Ion	Ratio	Lower	Upper
70	100		
42	76.1	62.6	94.0
101	12.0	9.0	13.4
130	24.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 29.03 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:	107	Resp:	86487
Ion	Ratio	Lower	Upper
107	100		
108	91.3	62.2	102.2
77	50.6	26.0	66.0
79	35.3	14.8	54.8

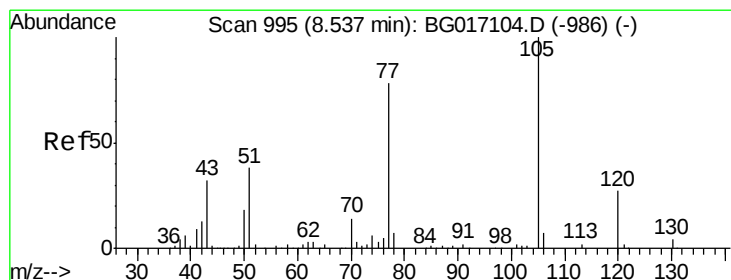
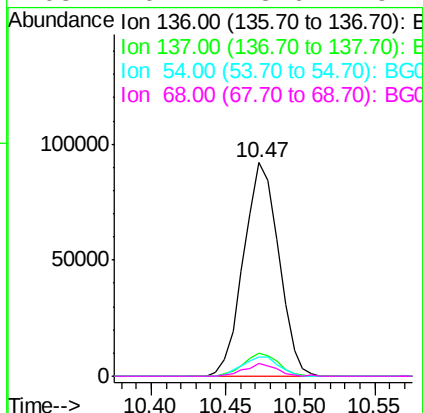
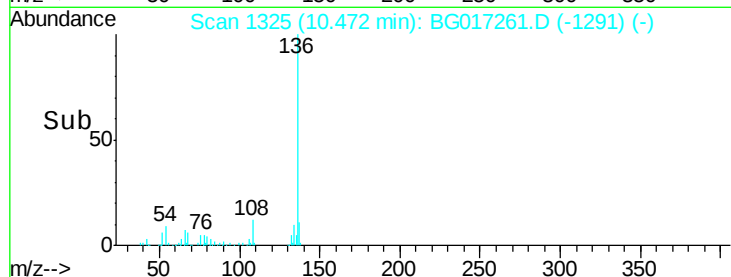
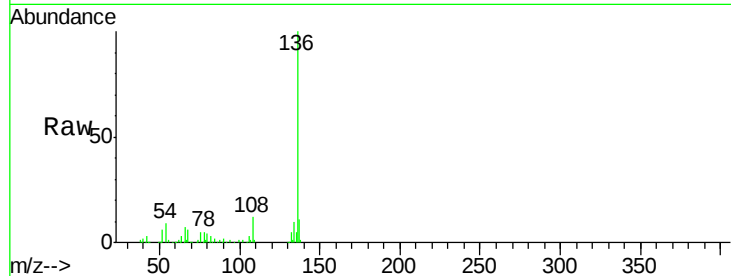




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

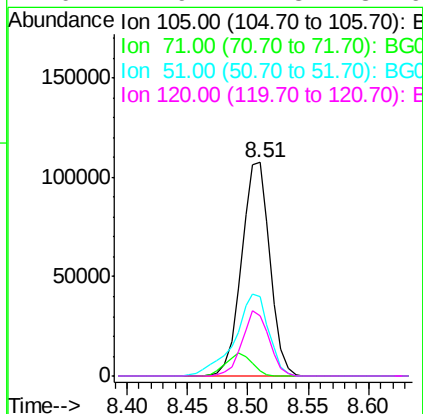
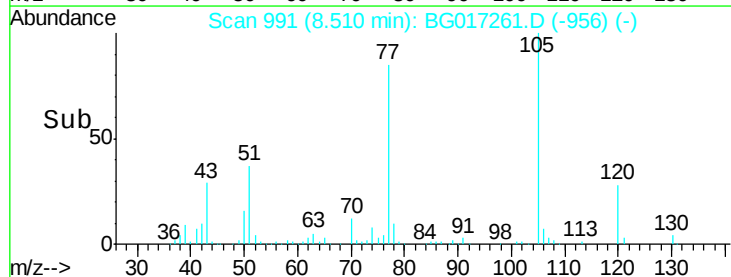
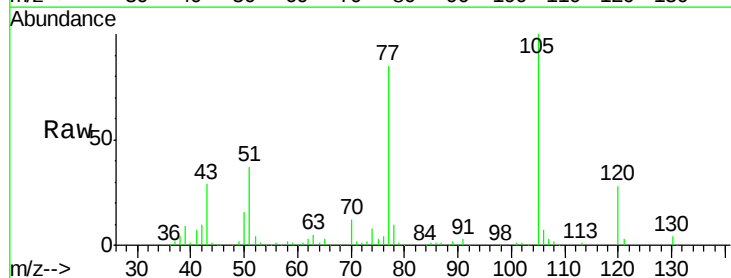
Instrument :
BNA_G
ClientSampled :
VE4-11MS

Tgt Ion:	136	Resp:	149819
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	9.2	7.4	11.2
68	6.1	3.6	5.4#



#22
Acetophenone
Concen: 48.22 ng
RT: 8.51 min Scan# 991
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:	105	Resp:	175341
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.2	3.4#
51	36.9	32.8	49.2
120	27.9	21.8	32.6

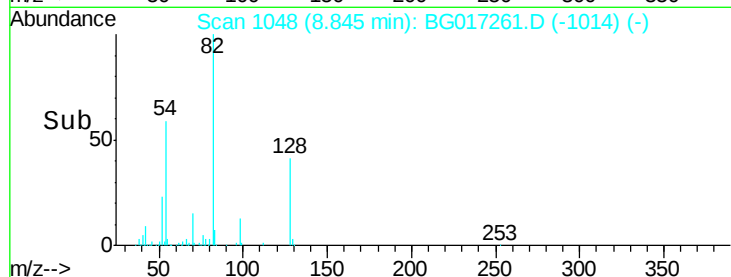
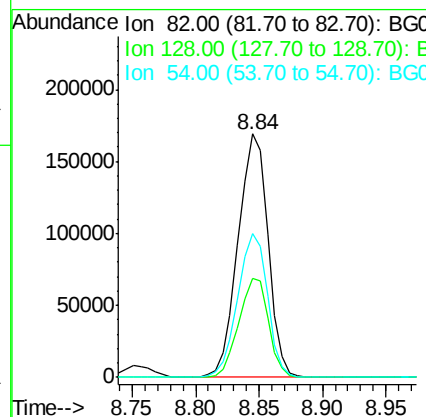
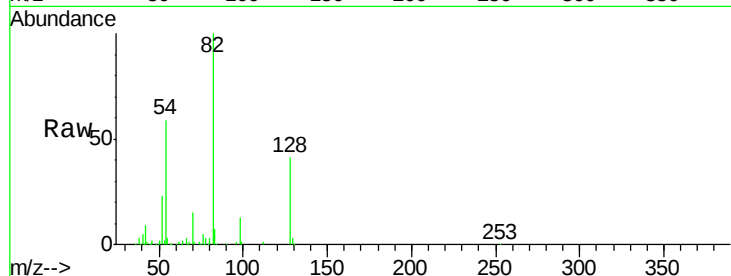




#23
 Nitrobenzene-d5
 Concen: 86.17 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

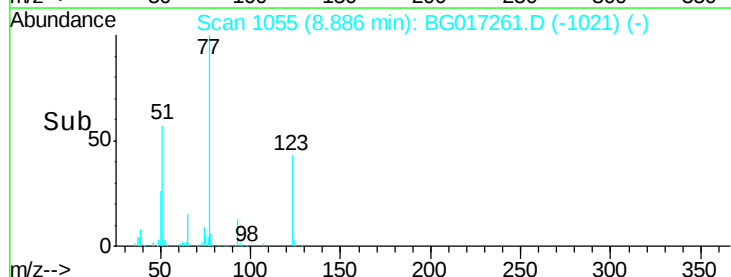
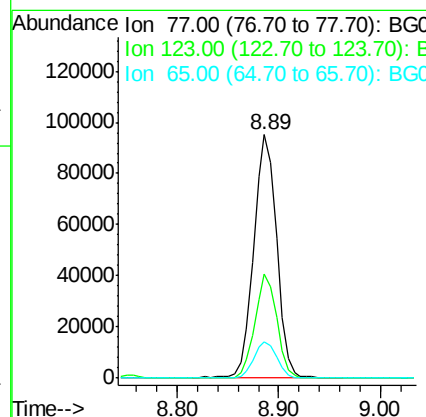
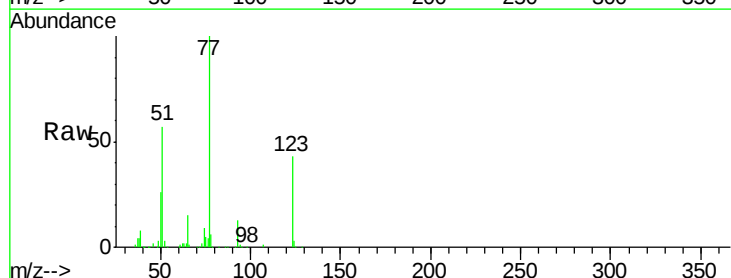
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion: 82 Resp: 276515
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.6 49.0
 54 58.9 49.6 74.4



#24
 Nitrobenzene
 Concen: 47.63 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion: 77 Resp: 149562
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 15.1 13.3 19.9

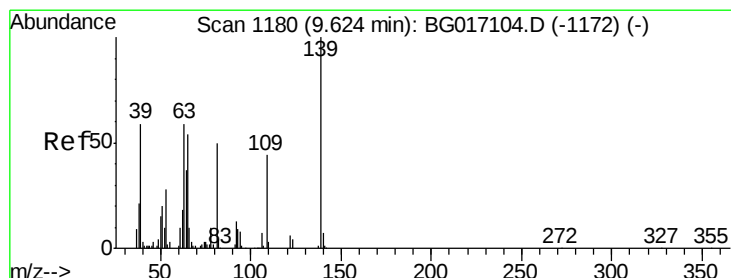
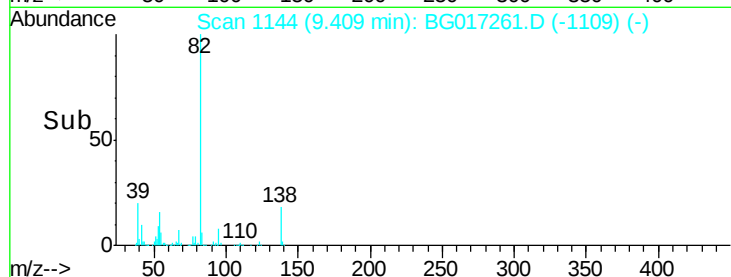
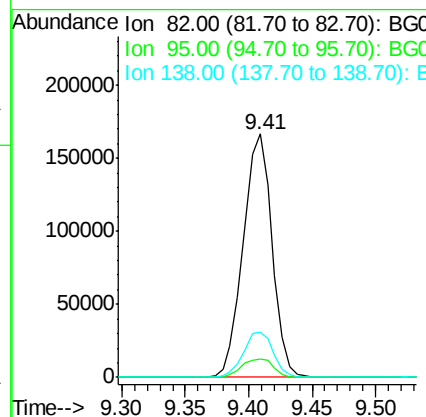
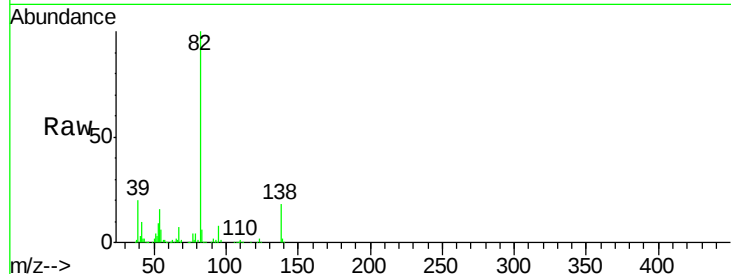




#25
Isophorone
Concen: 44.45 ng
RT: 9.41 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

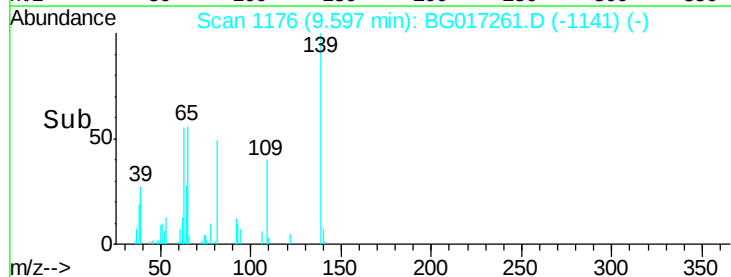
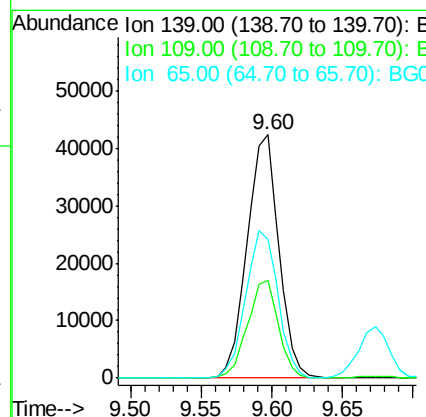
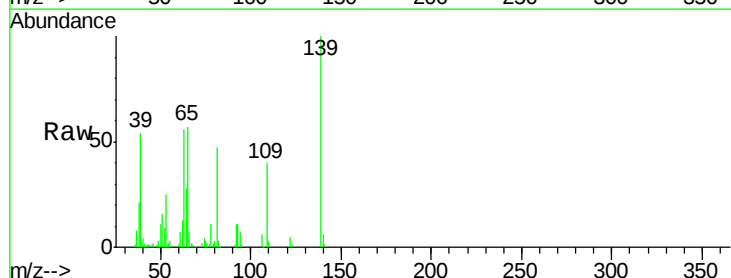
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion: 82 Resp: 262921
Ion Ratio Lower Upper
82 100
95 7.7 7.7 11.5
138 18.3 15.0 22.6



#26
2-Nitrophenol
Concen: 47.74 ng
RT: 9.60 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion: 139 Resp: 66999
Ion Ratio Lower Upper
139 100
109 40.0 34.9 52.3
65 57.1 43.0 64.4

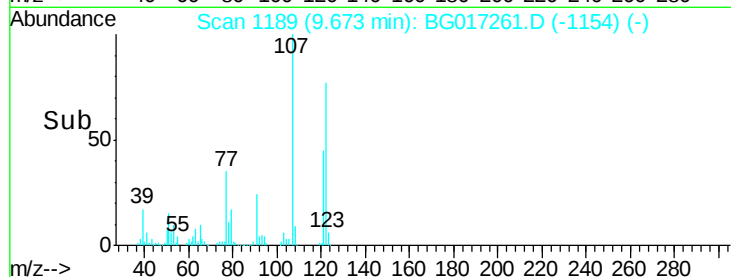
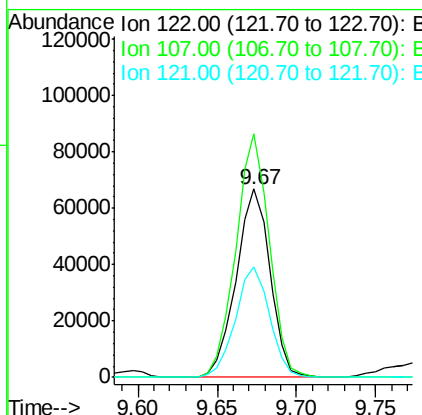
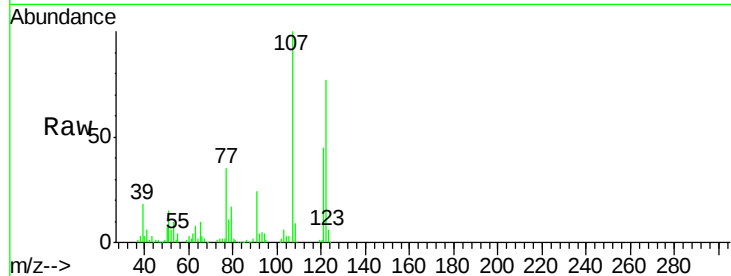




#27
2,4-Dimethylphenol
Concen: 42.96 ng
RT: 9.67 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

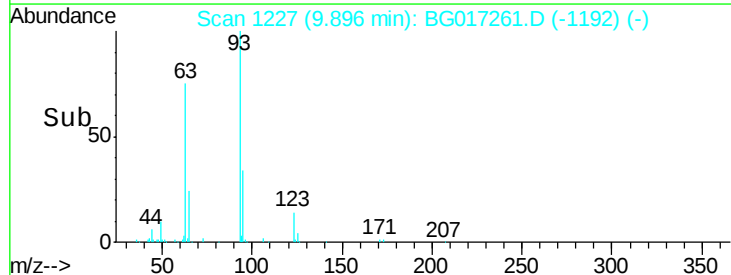
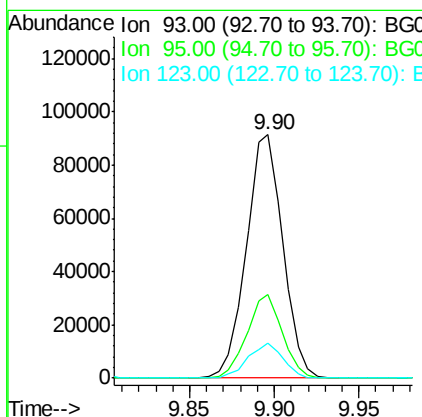
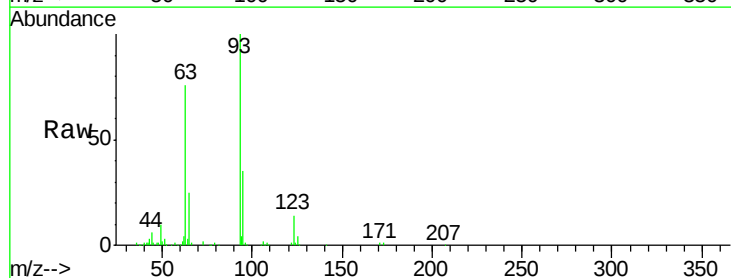
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

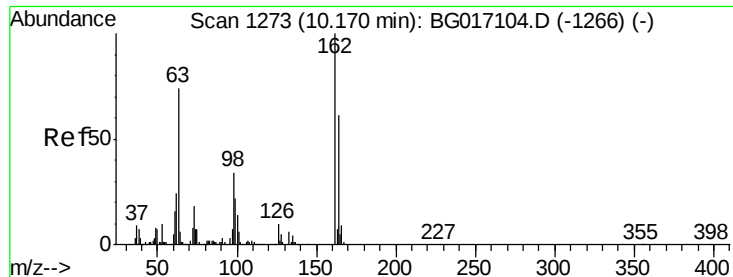
Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.4	102.3	153.5
121	58.5	48.7	73.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.73 ng
RT: 9.90 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	28.0	42.0
123	14.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 47.86 ng

RT: 10.14 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

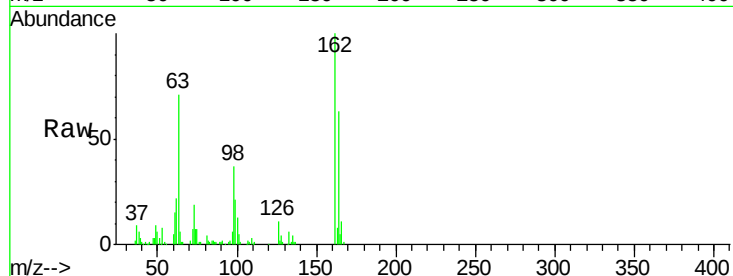
Tgt Ion:162 Resp: 104294

Ion Ratio Lower Upper

162 100

164 63.2 41.4 81.4

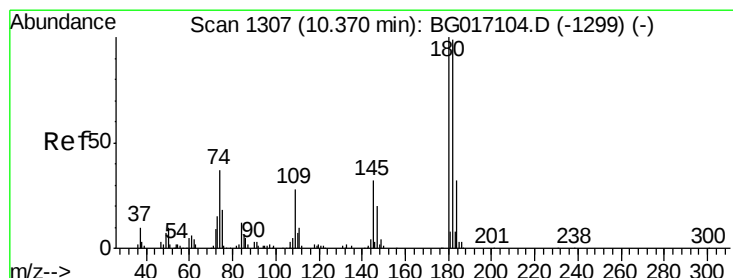
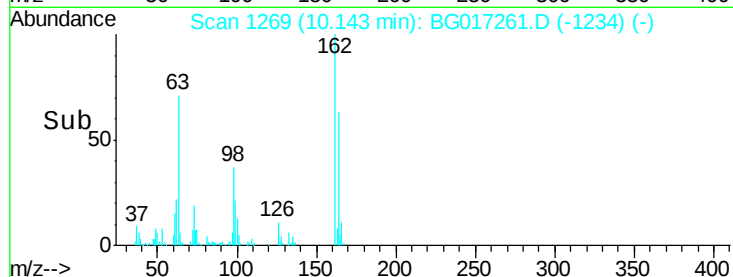
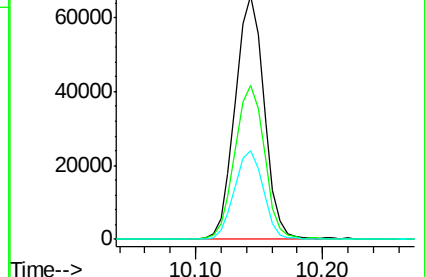
98 36.7 14.3 54.3



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): E



#30

1,2,4-Trichlorobenzene

Concen: 46.84 ng

RT: 10.34 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

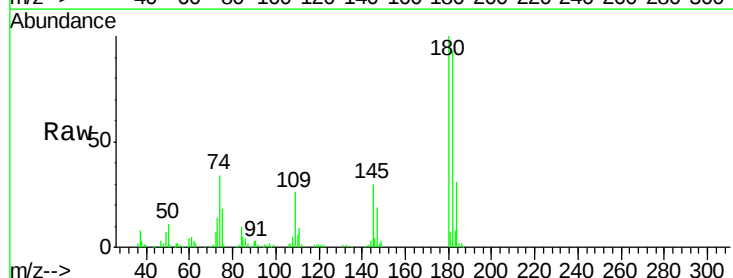
Tgt Ion:180 Resp: 115810

Ion Ratio Lower Upper

180 100

182 92.5 79.4 119.0

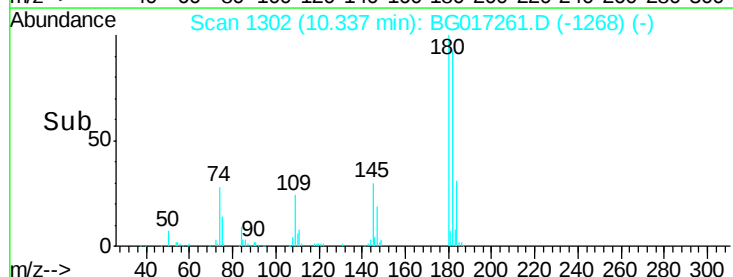
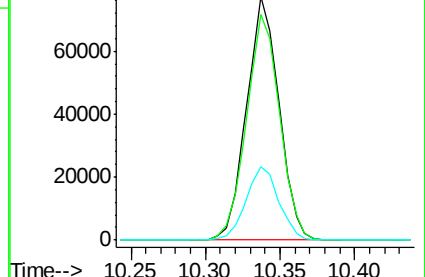
145 30.3 25.3 37.9



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

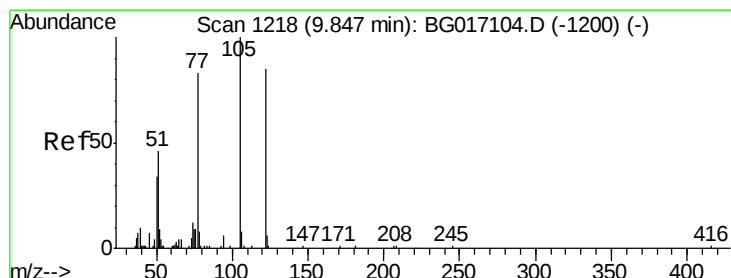
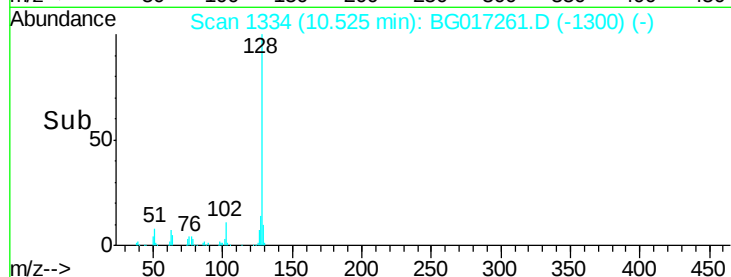
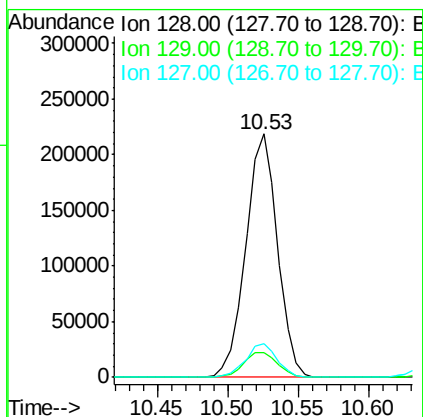
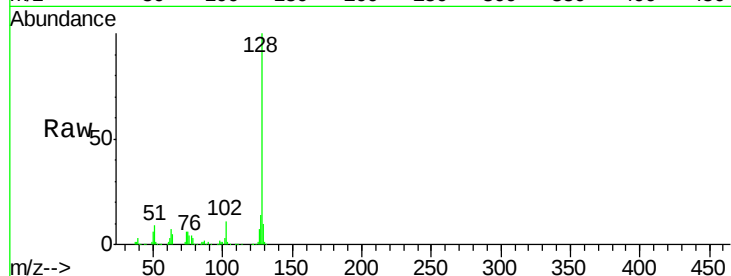




#31
Naphthalene
Concen: 46.92 ng
RT: 10.53 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

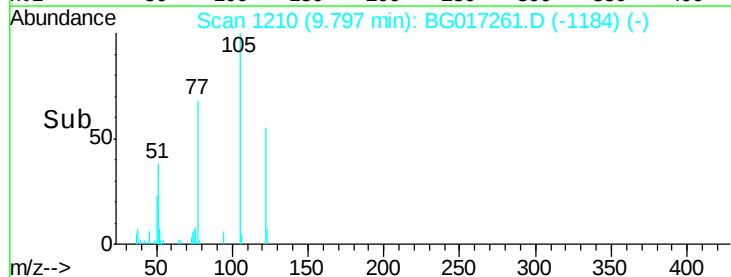
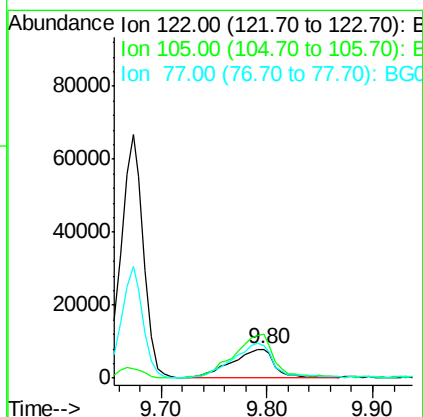
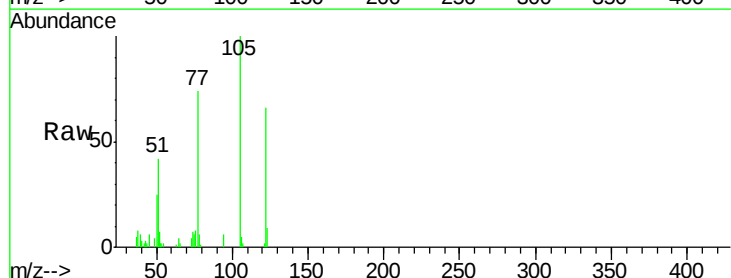
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	7.6	11.4
127	13.9	10.6	16.0



#32
Benzoic acid
Concen: 13.69 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.05 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.2	96.7	136.7#
77	112.0	78.5	118.5

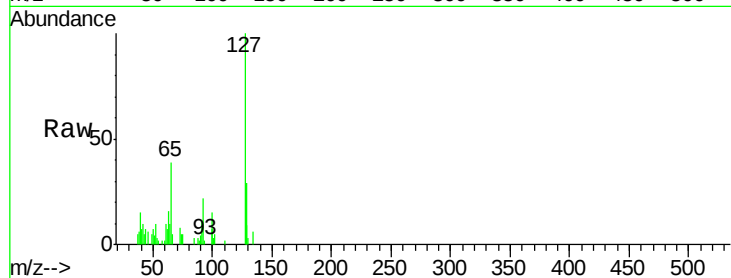




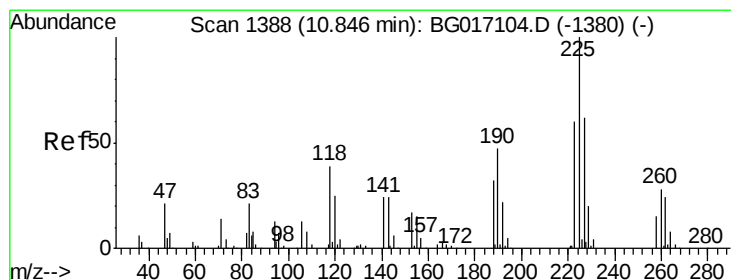
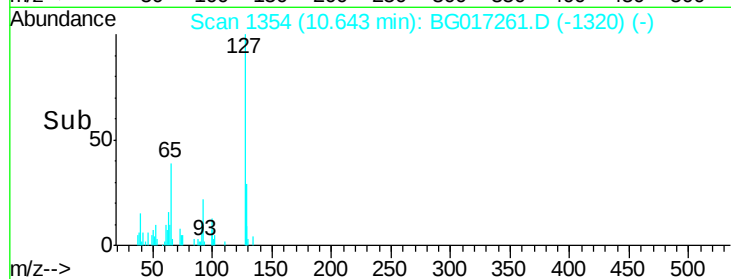
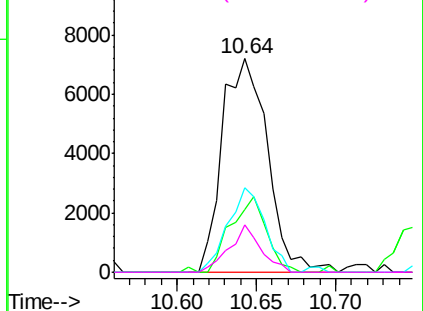
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 10.64 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion:	127	Resp:	14238
Ion	Ratio	Lower	Upper
127	100		
129	29.5	24.8	37.2
65	39.4	25.8	38.6
92	22.4	15.0	22.4

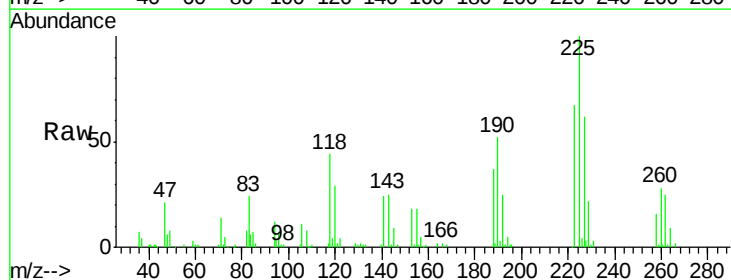


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

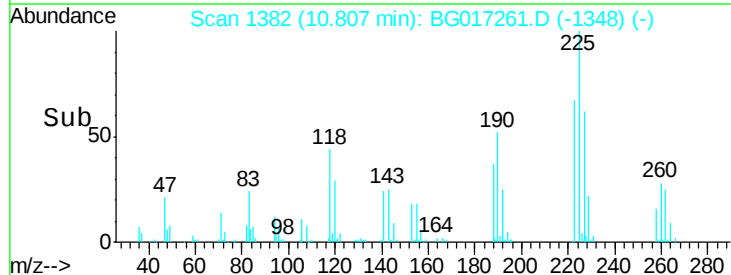
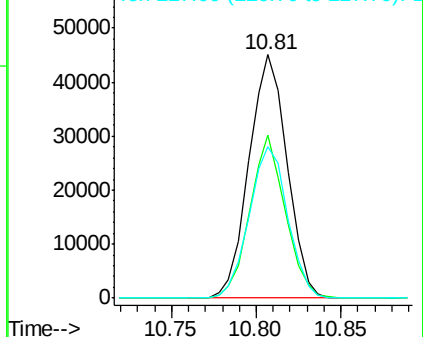


#34
Hexachlorobutadiene
Concen: 45.02 ng
RT: 10.81 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:	225	Resp:	70468
Ion	Ratio	Lower	Upper
225	100		
223	66.9	48.3	72.5
227	62.2	49.8	74.8



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: 5.81 ng

RT: 11.43 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

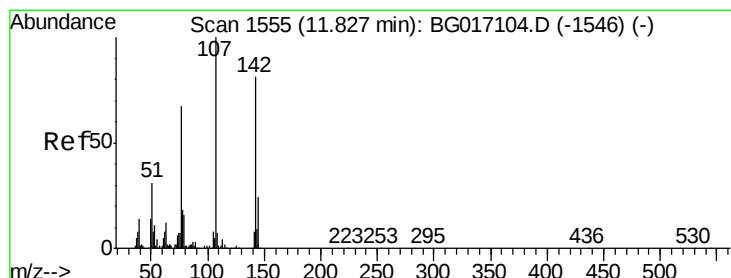
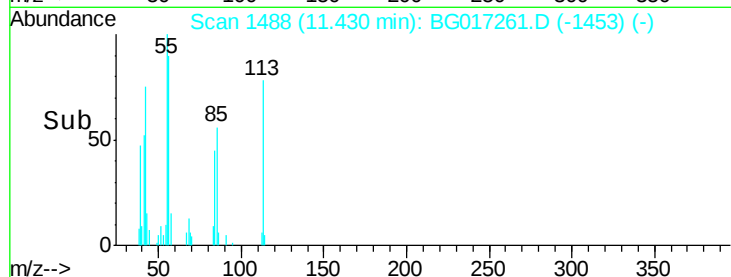
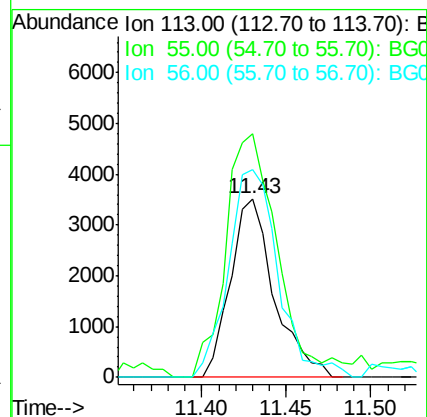
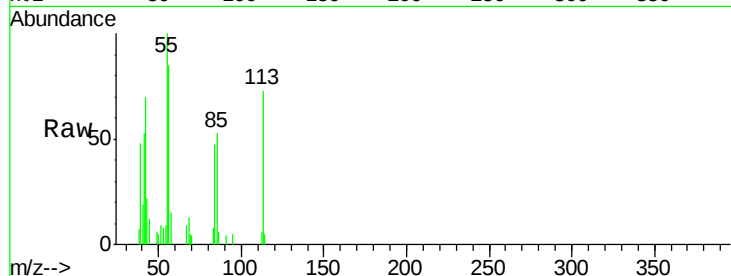
Tgt Ion:113 Resp: 6370

Ion Ratio Lower Upper

113 100

55 136.2 124.1 164.1

56 115.9 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 41.32 ng

RT: 11.79 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

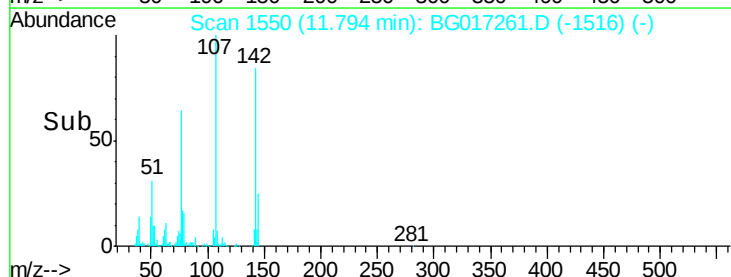
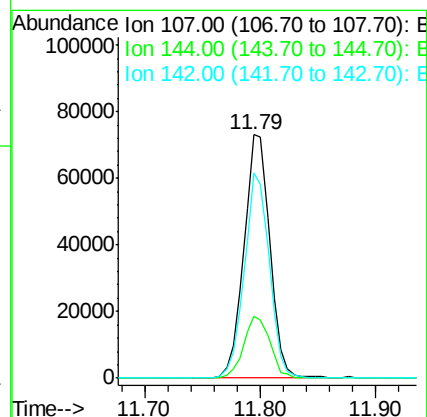
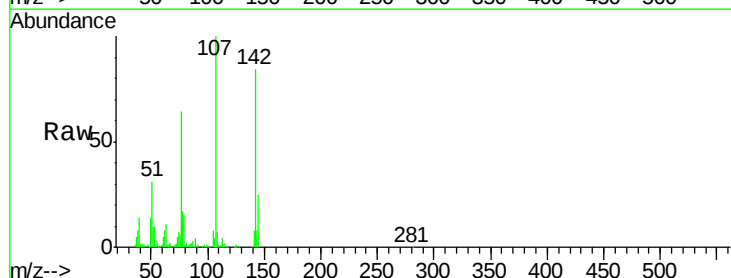
Tgt Ion:107 Resp: 113763

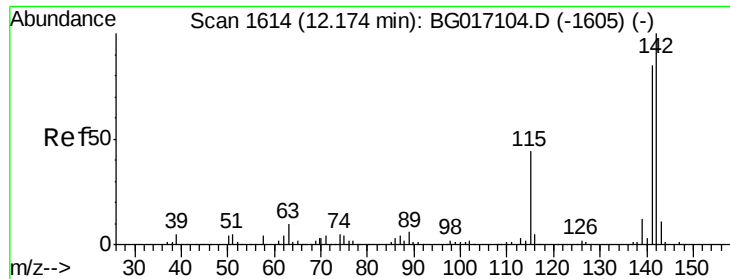
Ion Ratio Lower Upper

107 100

144 25.2 19.6 29.4

142 84.1 64.9 97.3

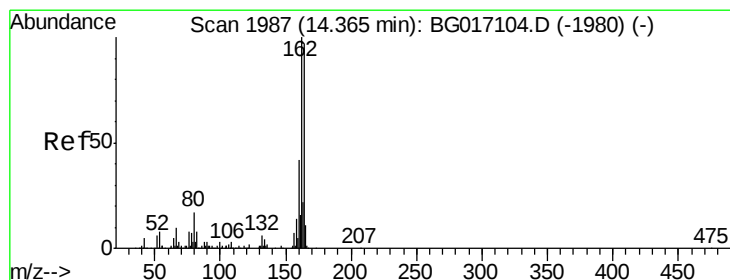
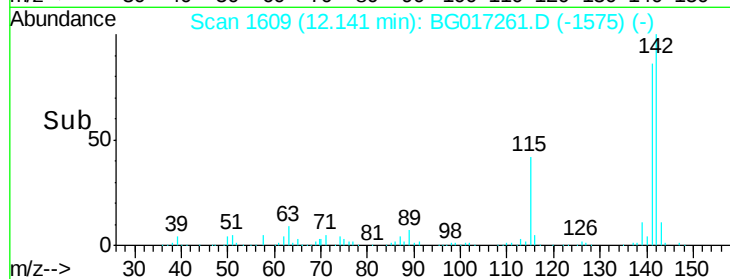
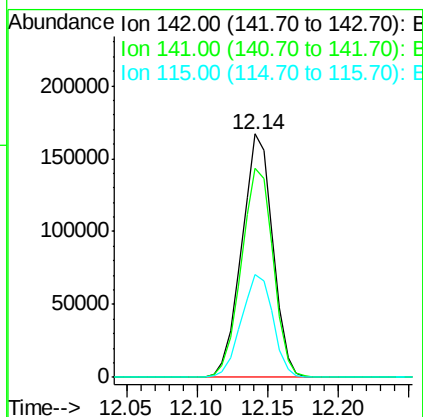
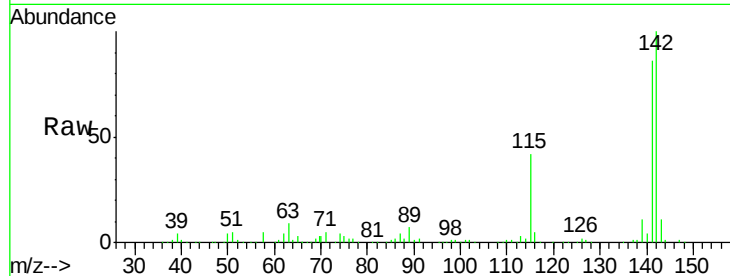




#37
 2-Methylnaphthalene
 Concen: 44.17 ng
 RT: 12.14 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

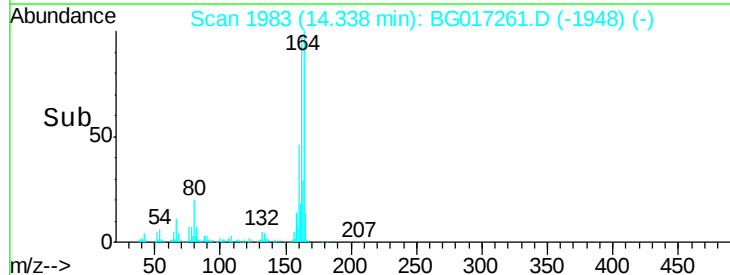
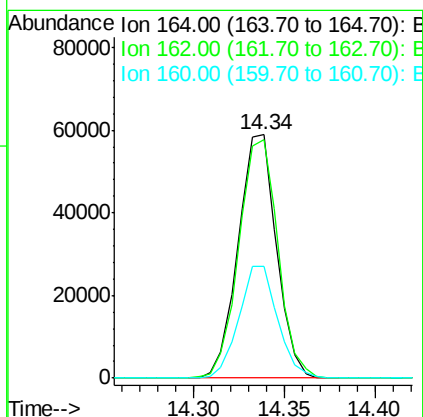
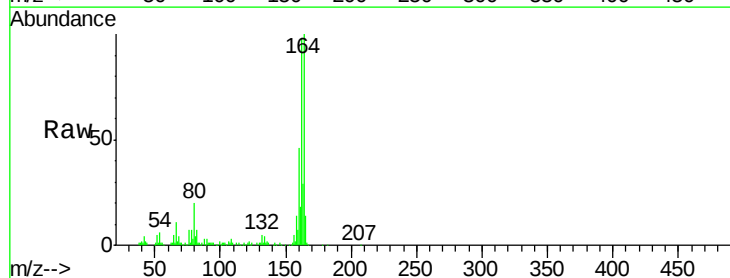
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion:142 Resp: 256844
 Ion Ratio Lower Upper
 142 100
 141 85.9 68.2 102.2
 115 42.0 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion:164 Resp: 86818
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.1 123.1
 160 45.8 34.8 52.2

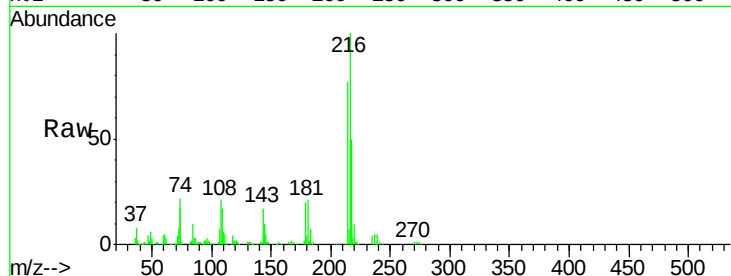




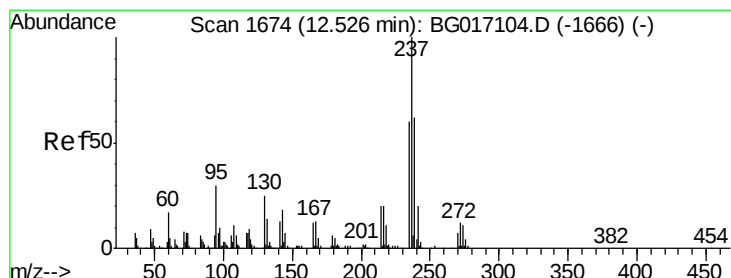
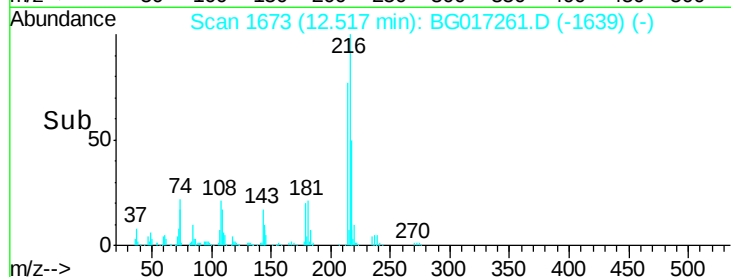
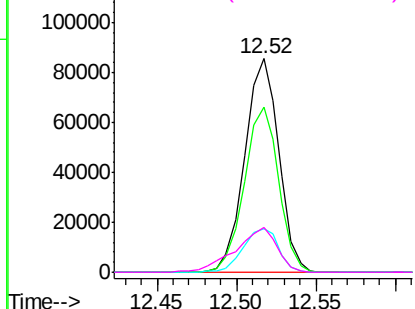
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.72 ng
 RT: 12.52 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion:	216	Resp:	127052
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.3	94.9
179	21.4	17.8	26.8
108	25.8	19.9	29.9

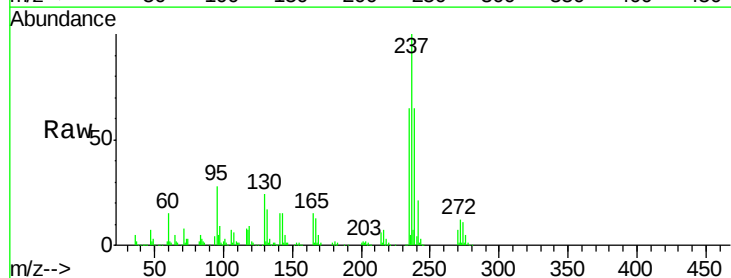


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

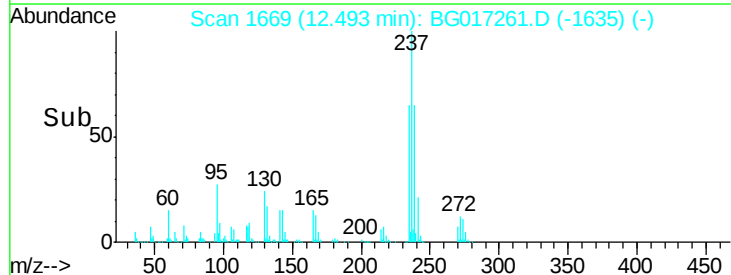
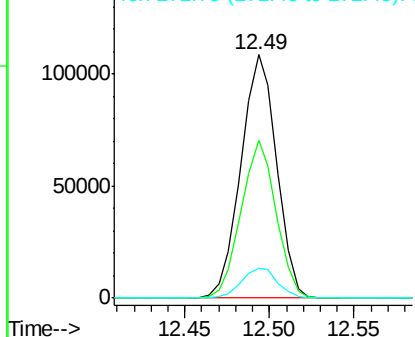


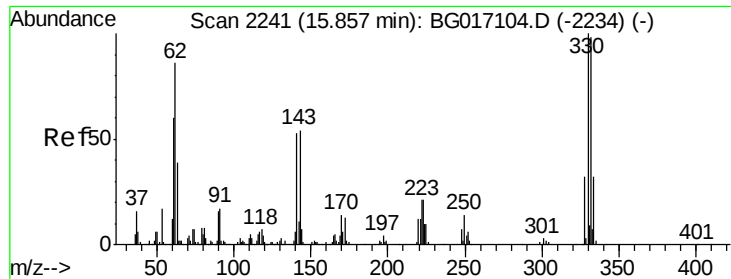
#40
 Hexachlorocyclopentadiene
 Concen: 106.39 ng
 RT: 12.49 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion:	237	Resp:	159400
Ion	Ratio	Lower	Upper
237	100		
235	64.6	39.7	79.7
272	12.3	0.0	32.1



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

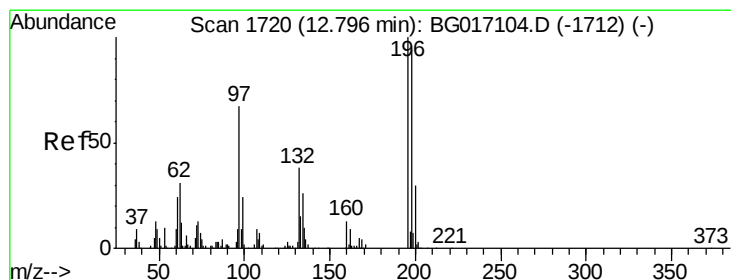
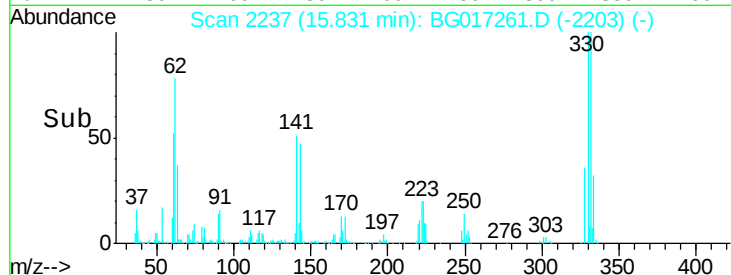
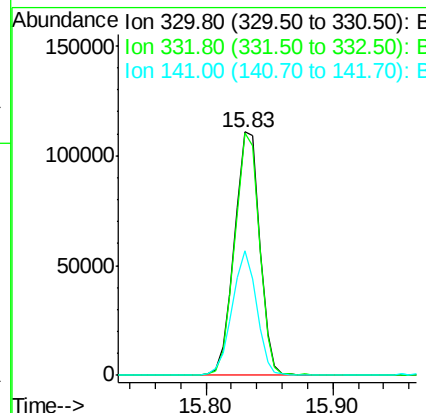
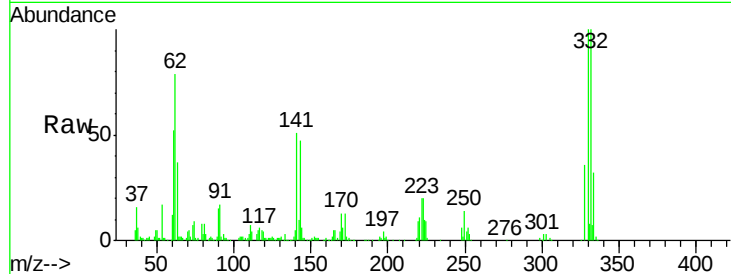




#41
 2,4,6-Tribromophenol
 Concen: 145.48 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

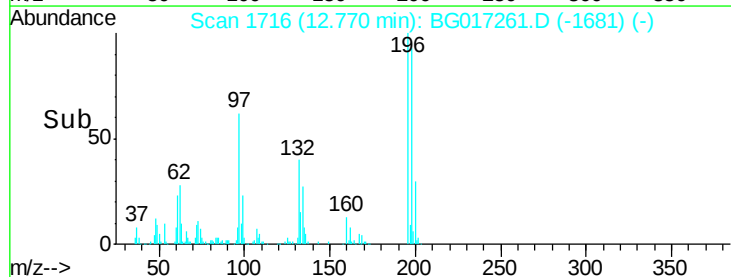
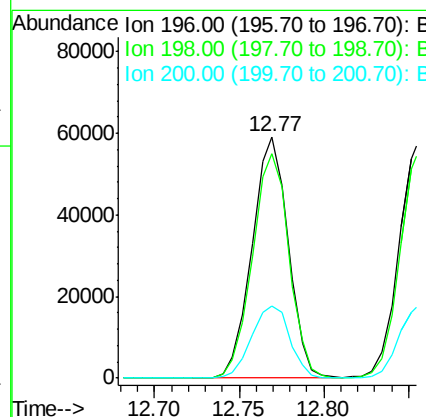
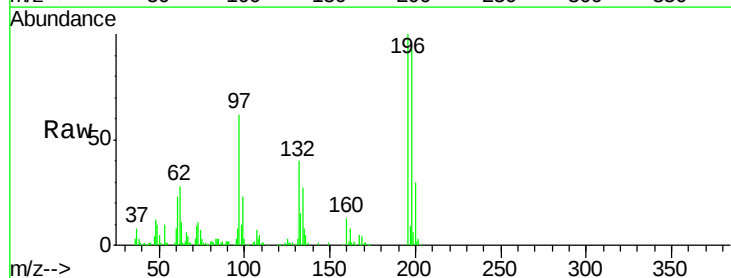
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

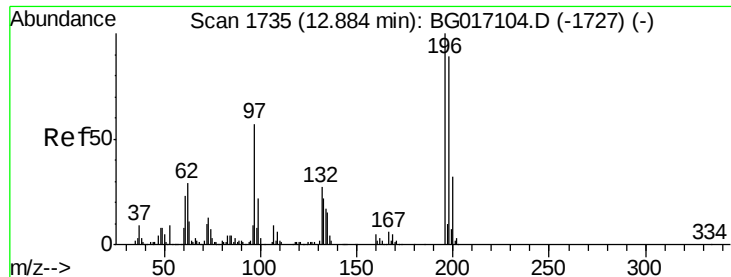
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	152684		
332	97.1	76.9	115.3	
141	49.7	42.2	63.2	



#42
 2,4,6-Trichlorophenol
 Concen: 50.70 ng
 RT: 12.77 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88335		
198	92.8	74.9	112.3	
200	30.0	24.2	36.2	

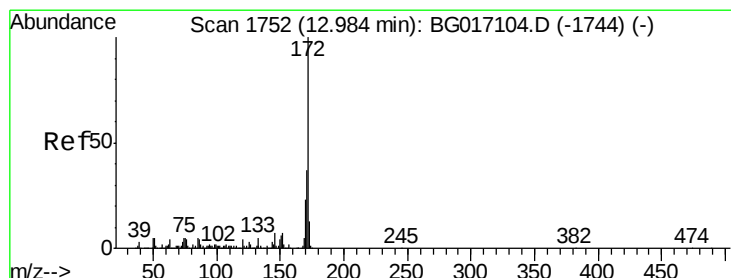
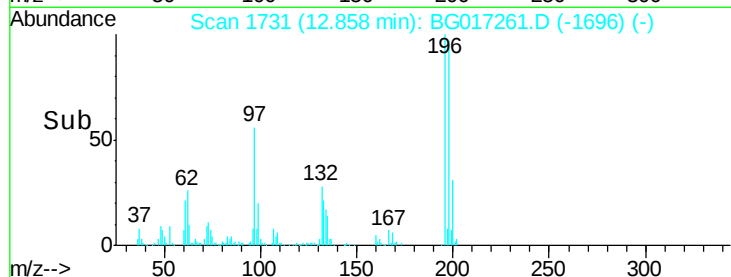
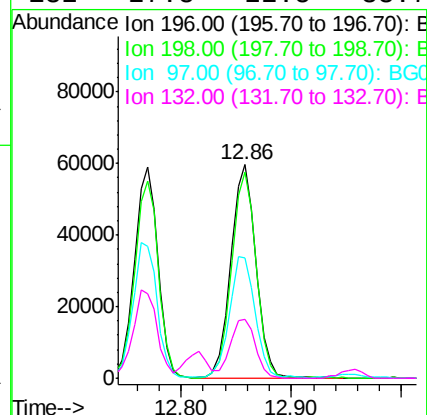
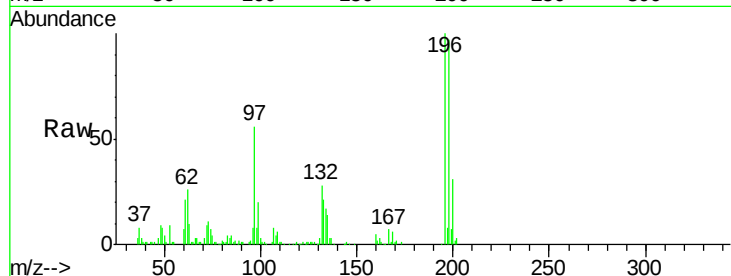




#43
 2,4,5-Trichlorophenol
 Concen: 53.26 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

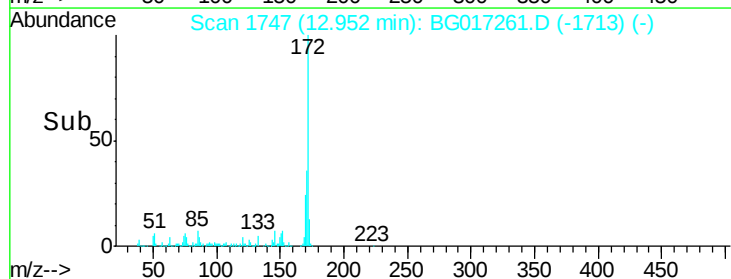
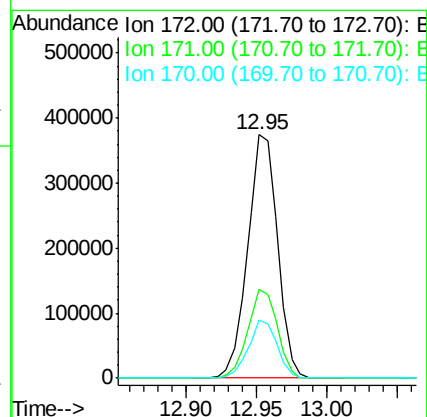
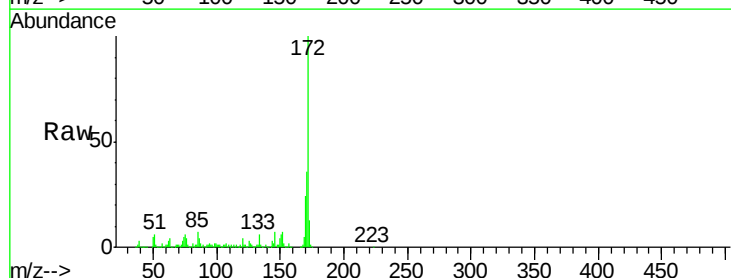
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion:196 Resp: 95607
 Ion Ratio Lower Upper
 196 100
 198 96.6 71.4 107.0
 97 56.3 45.4 68.0
 132 27.8 22.5 33.7



#44
 2-Fluorobiphenyl
 Concen: 93.58 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion:172 Resp: 553662
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 18.4 27.6

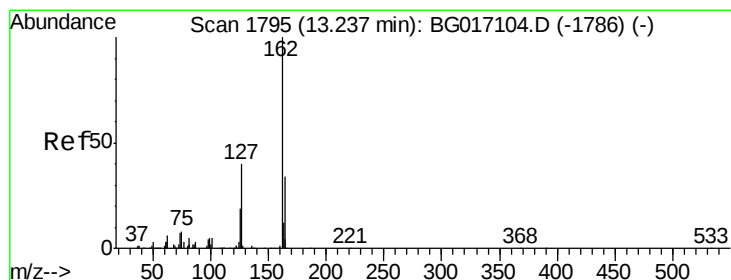
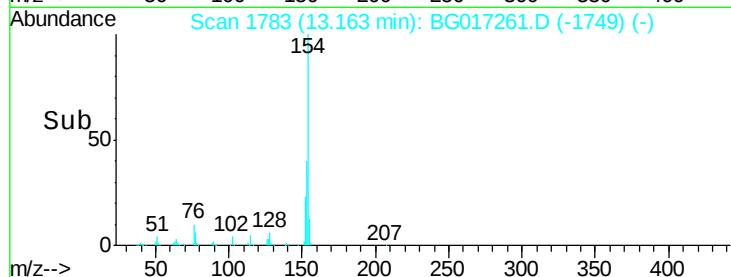
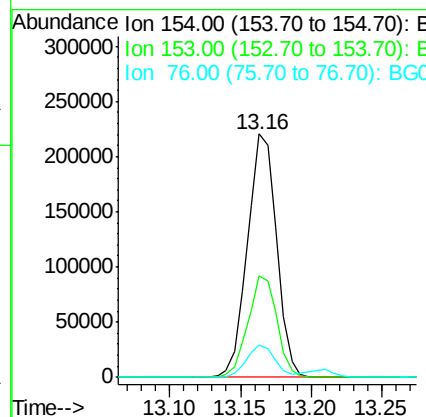
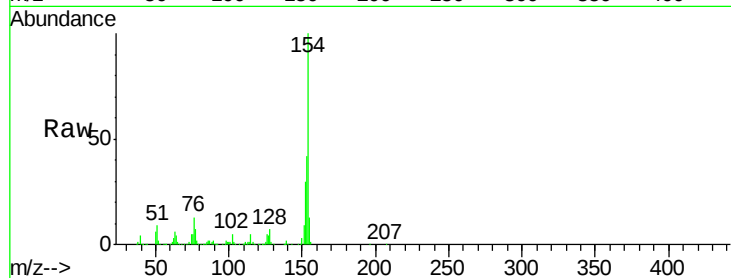




#45
 1,1'-Biphenyl
 Concen: 51.00 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

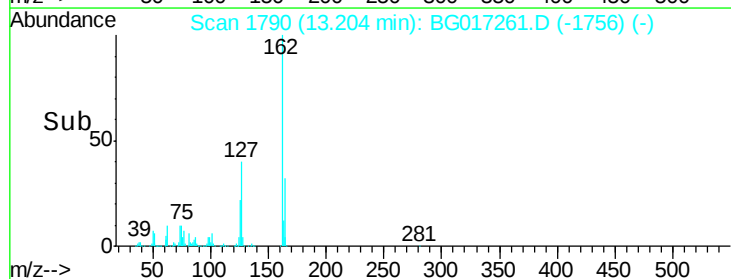
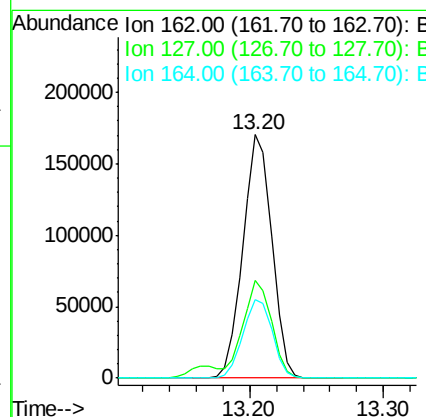
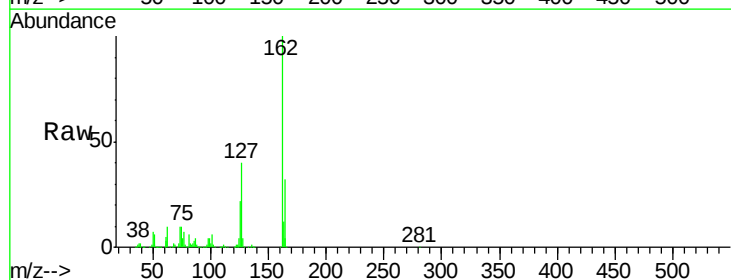
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	13.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 51.36 ng
 RT: 13.20 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.5	50.3
164	32.0	27.0	40.6





#47

2-Nitroaniline

Concen: 47.60 ng

RT: 13.42 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

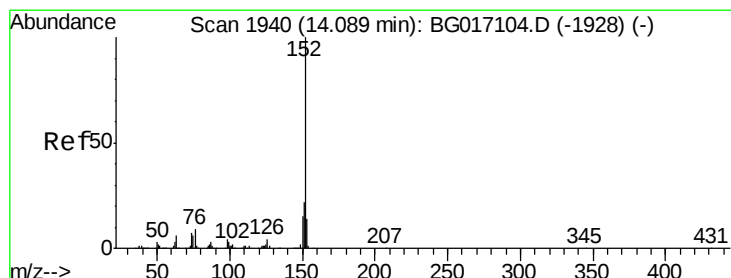
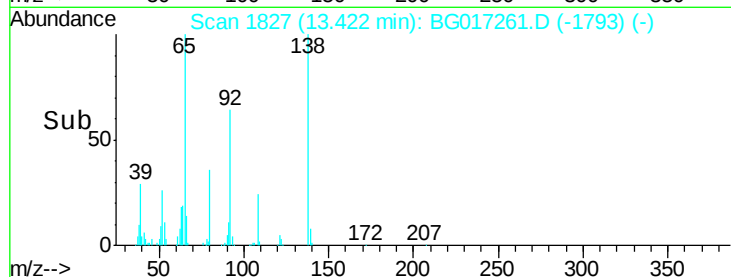
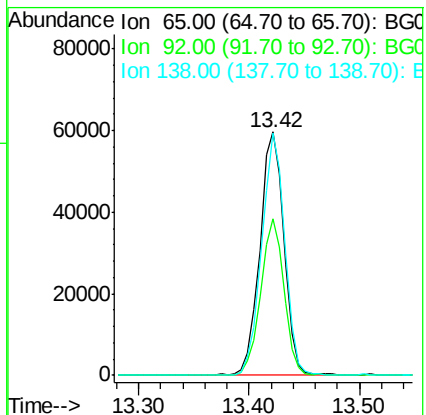
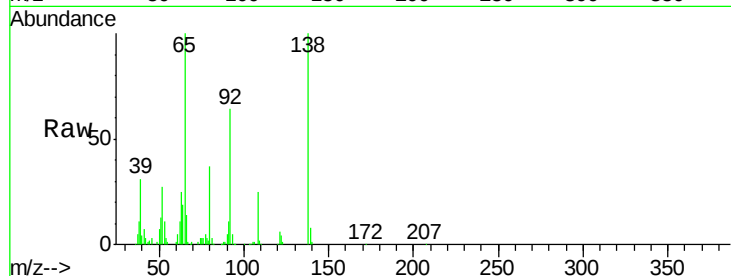
Tgt Ion: 65 Resp: 91694

Ion Ratio Lower Upper

65 100

92 64.1 51.0 76.4

138 99.8 79.3 118.9



#48

Acenaphthylene

Concen: 48.85 ng

RT: 14.06 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

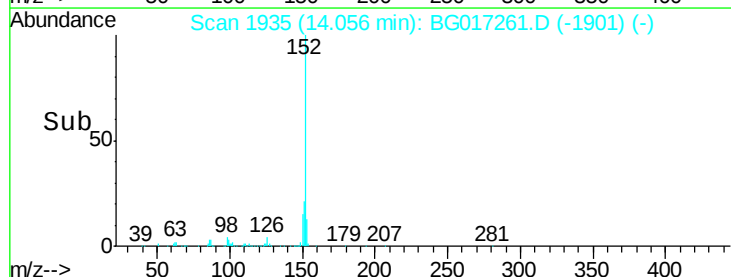
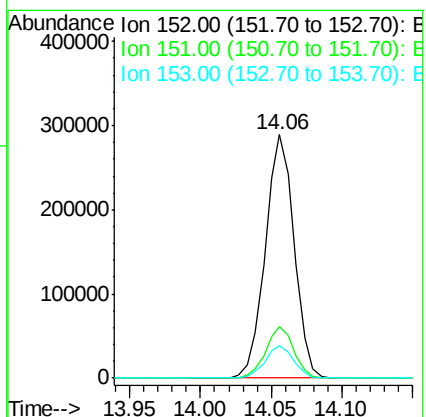
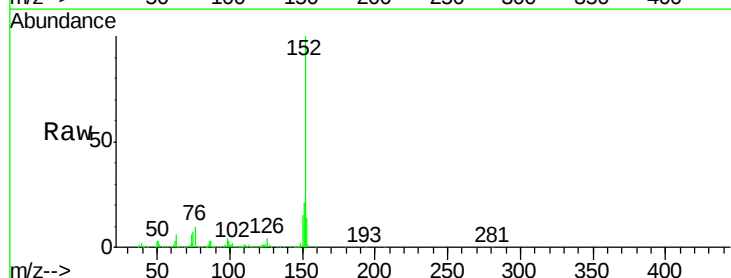
Tgt Ion: 152 Resp: 414241

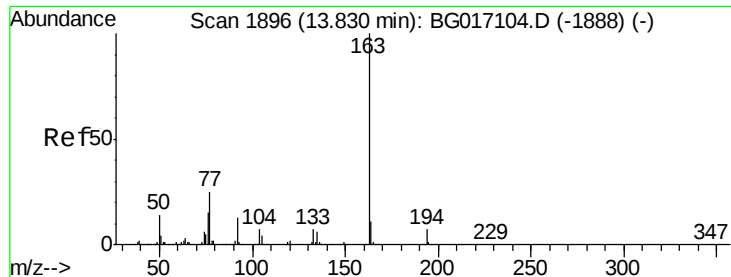
Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 13.5 10.8 16.2

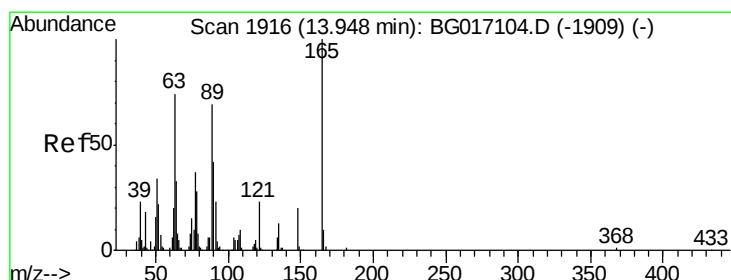
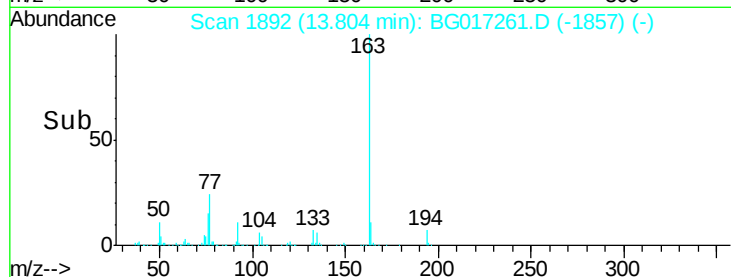
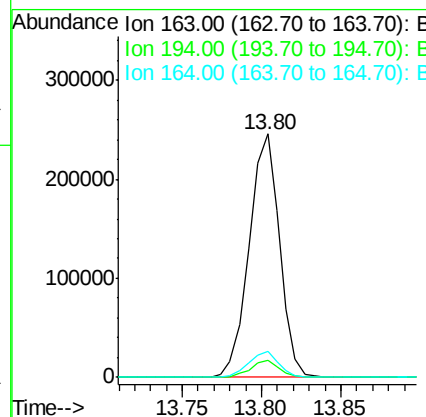
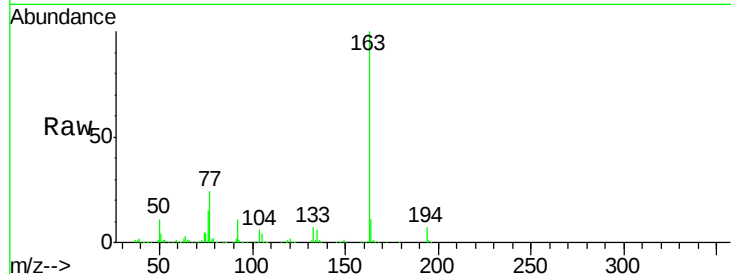




#49
Dimethylphthalate
Concen: 48.09 ng
RT: 13.80 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

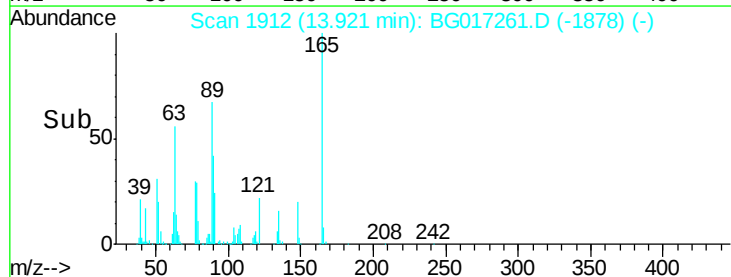
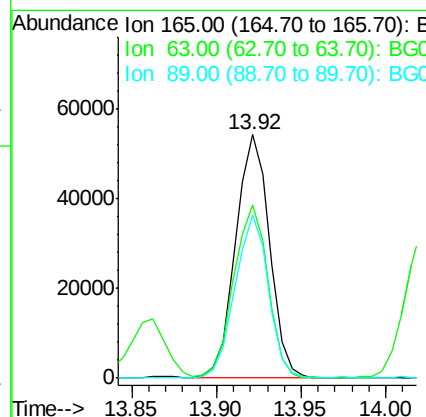
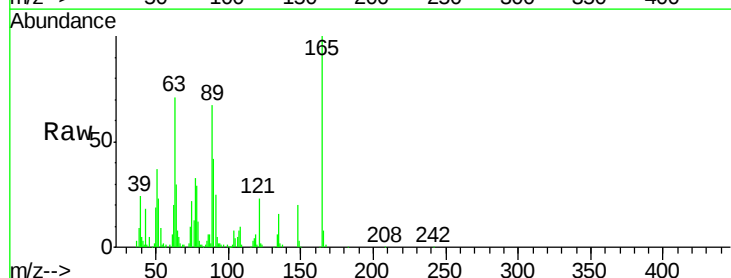
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.6	8.4
164	10.6	8.6	13.0



#50
2,6-Dinitrotoluene
Concen: 50.35 ng
RT: 13.92 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.0	60.6	90.8
89	66.8	55.0	82.6





#51

Acenaphthene

Concen: 49.88 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

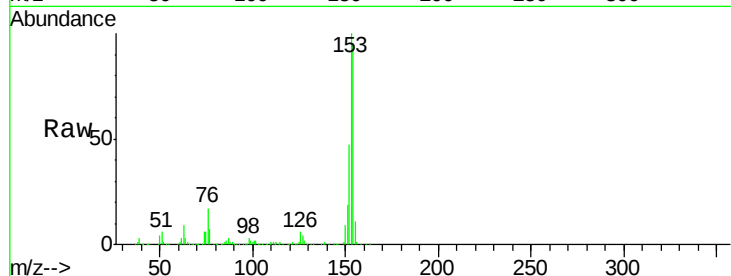
Tgt Ion:154 Resp: 249844

Ion Ratio Lower Upper

154 100

153 105.8 86.2 129.4

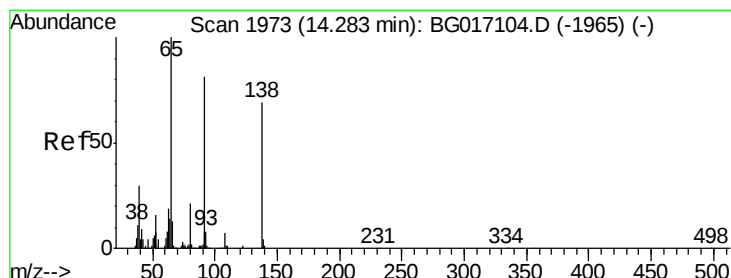
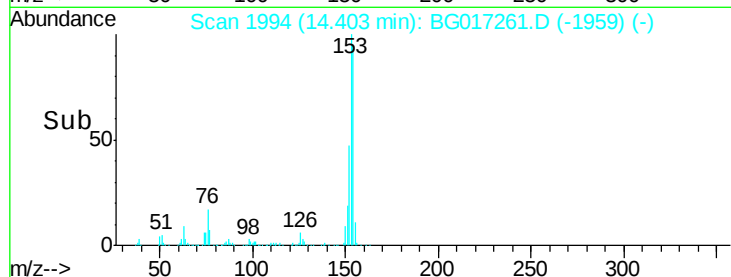
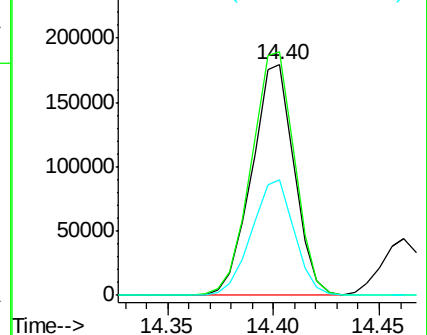
152 50.0 41.5 62.3



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: 8.30 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

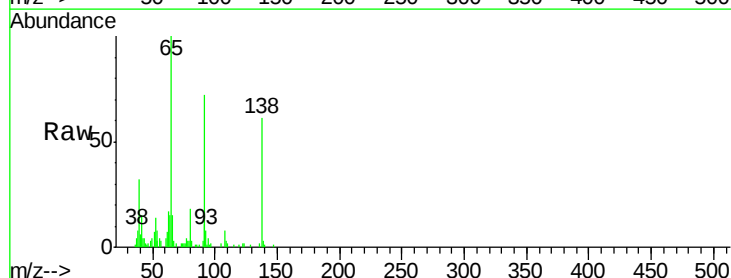
Tgt Ion:138 Resp: 13857

Ion Ratio Lower Upper

138 100

108 13.7 7.6 11.4#

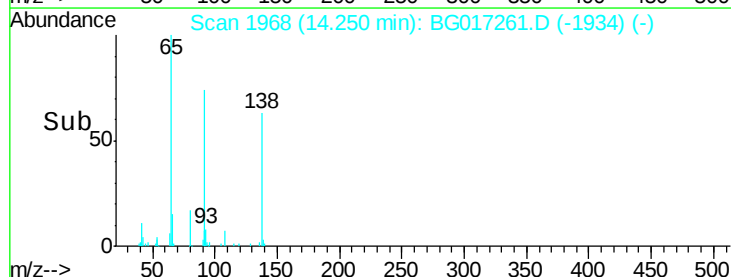
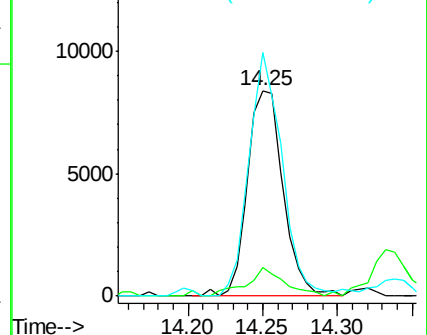
92 118.5 93.6 140.4

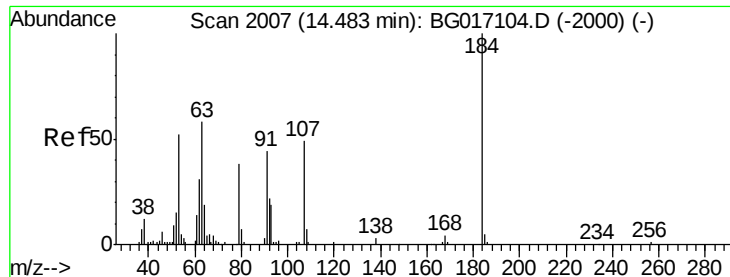


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

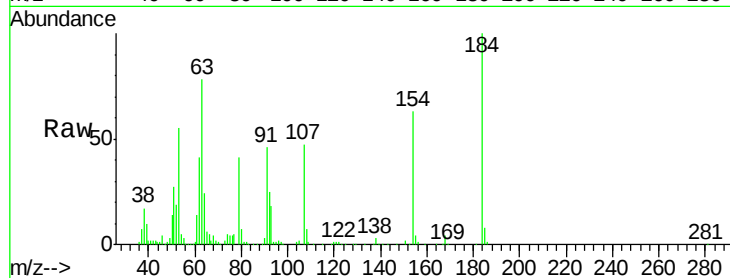




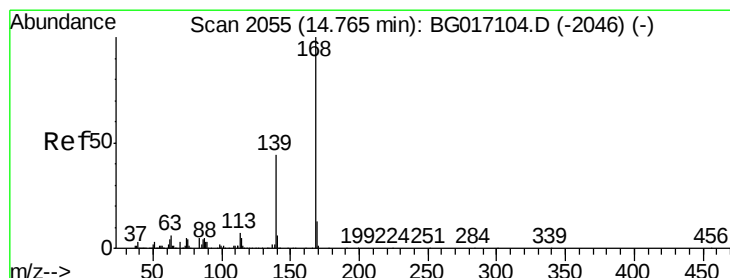
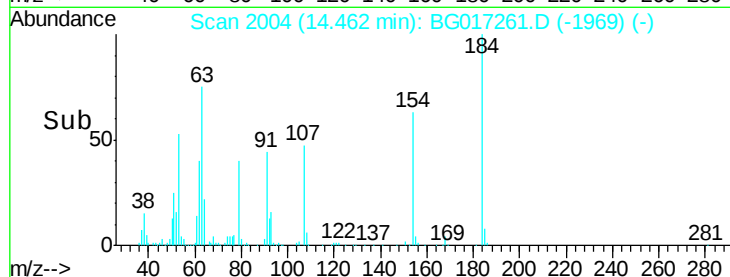
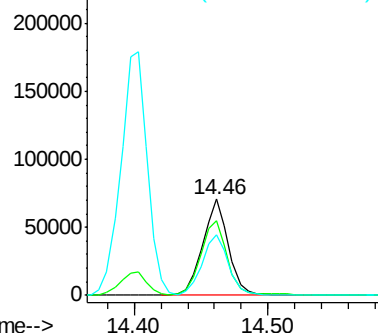
#53
2,4-Dinitrophenol
Concen: 108.84 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion:184 Resp: 95060
Ion Ratio Lower Upper
184 100
63 77.9 63.6 95.4
154 63.3 47.8 71.6

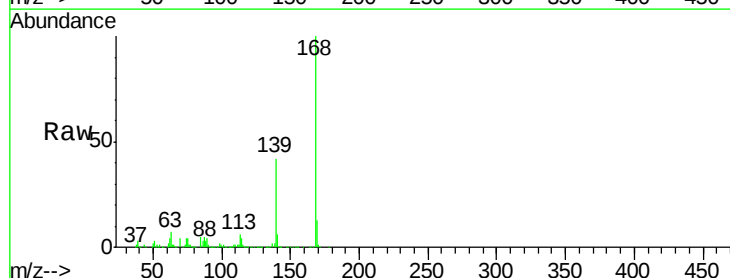


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

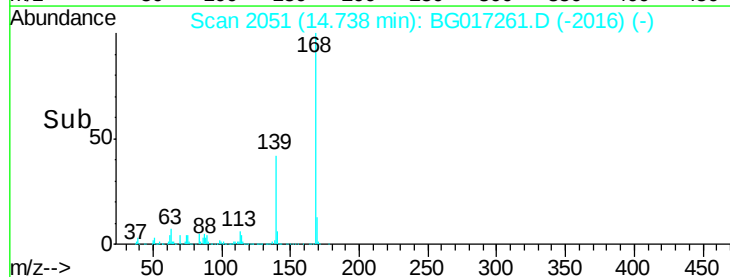
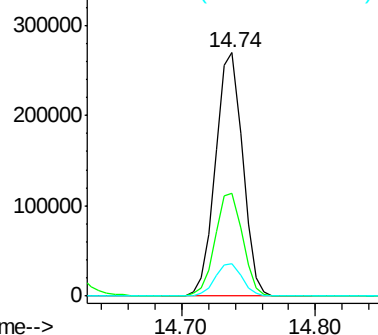


#54
Dibenzofuran
Concen: 50.61 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:168 Resp: 376864
Ion Ratio Lower Upper
168 100
139 42.1 34.9 52.3
169 13.2 10.5 15.7



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

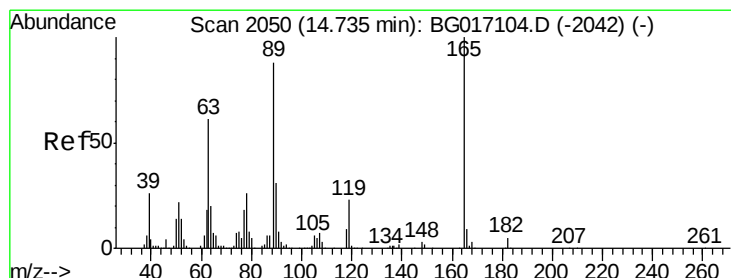
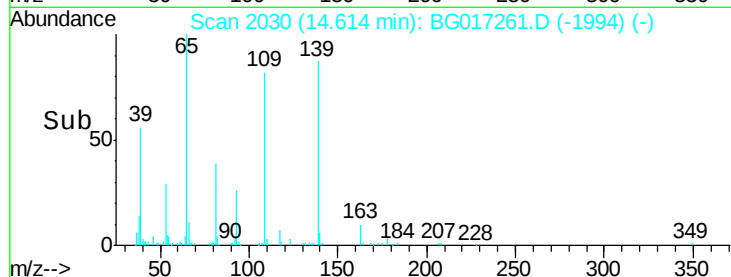
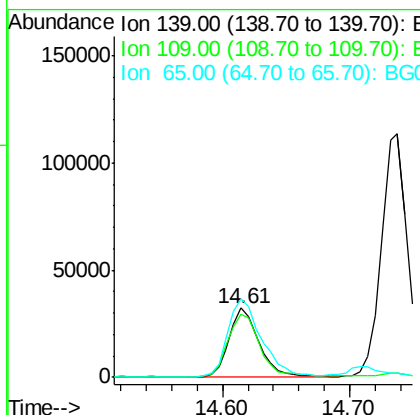
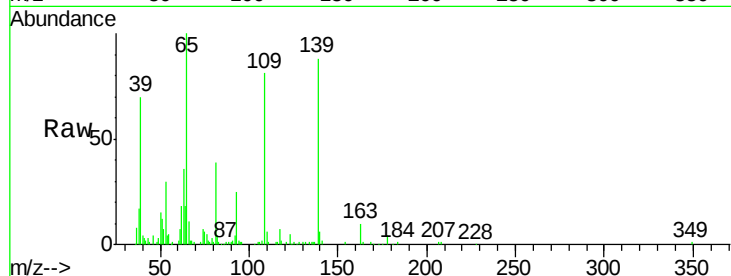




#55
4-Nitrophenol
Concen: 39.81 ng
RT: 14.61 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

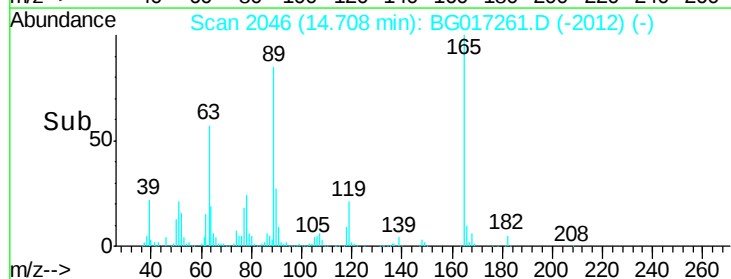
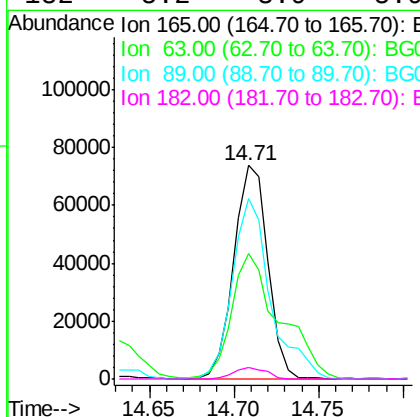
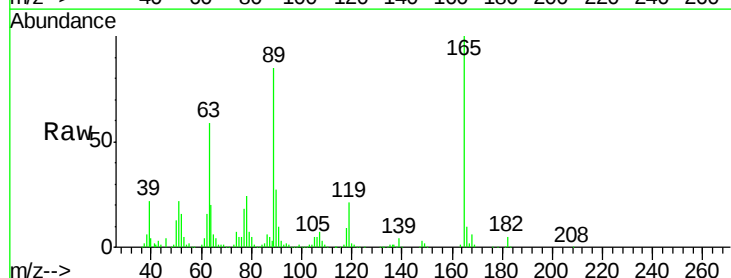
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

Tgt Ion:139 Resp: 53495
Ion Ratio Lower Upper
139 100
109 92.0 90.5 130.5
65 113.6 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 49.33 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:165 Resp: 103503
Ion Ratio Lower Upper
165 100
63 58.5 49.0 73.4
89 84.5 70.1 105.1
182 5.2 3.9 5.9





#57

Fluorene

Concen: 48.55 ng

RT: 15.38 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

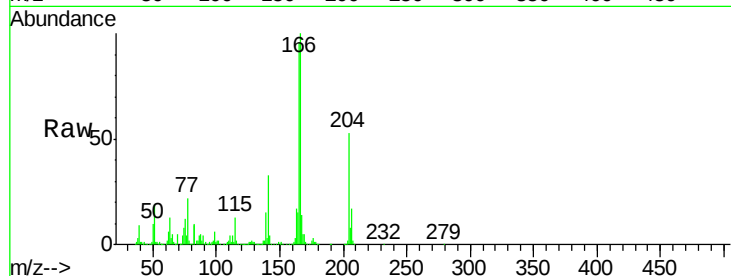
Tgt Ion:166 Resp: 319984

Ion Ratio Lower Upper

166 100

165 96.0 74.2 111.4

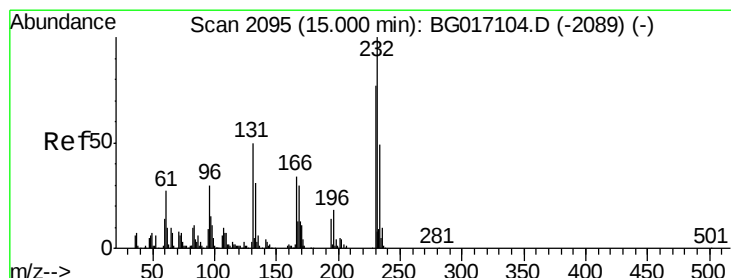
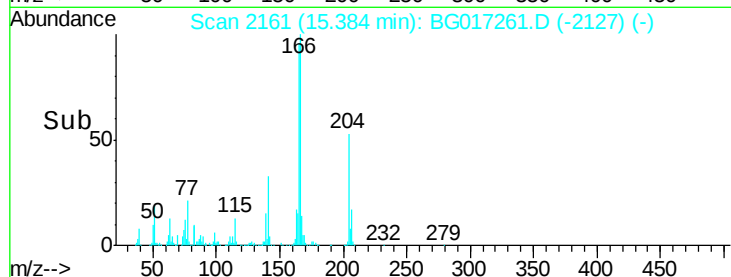
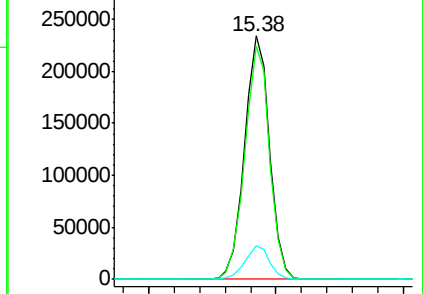
167 13.7 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.40 ng

RT: 14.97 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Tgt Ion:232 Resp: 86328

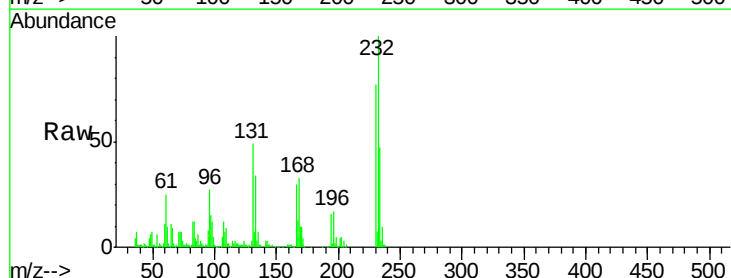
Ion Ratio Lower Upper

232 100

131 50.0 42.7 64.1

130 3.2 3.0 4.4

166 30.2 25.7 38.5

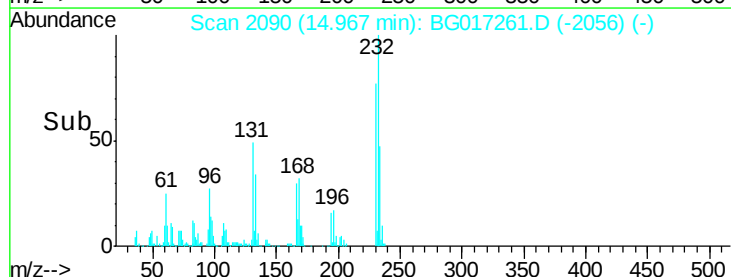
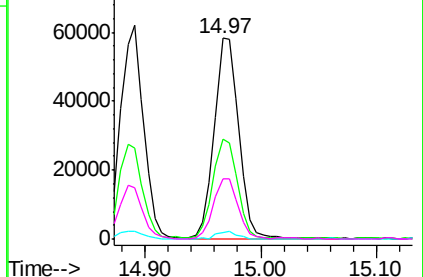


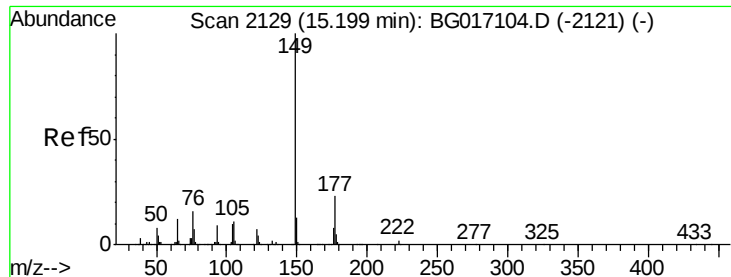
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.71 ng

RT: 15.17 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

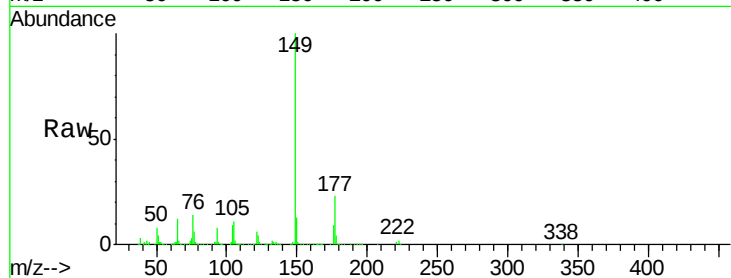
Tgt Ion:149 Resp: 333329

Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

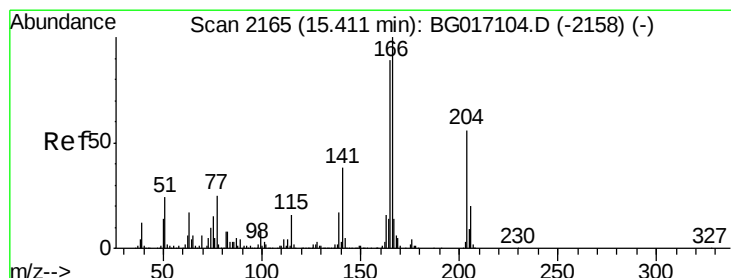
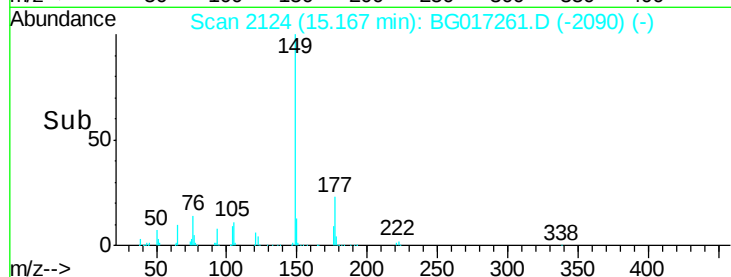
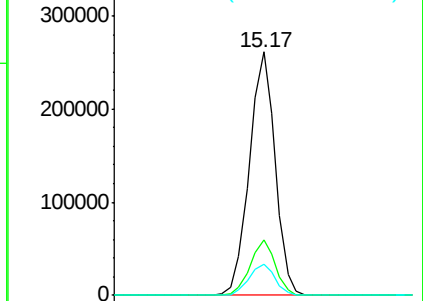
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.62 ng

RT: 15.38 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

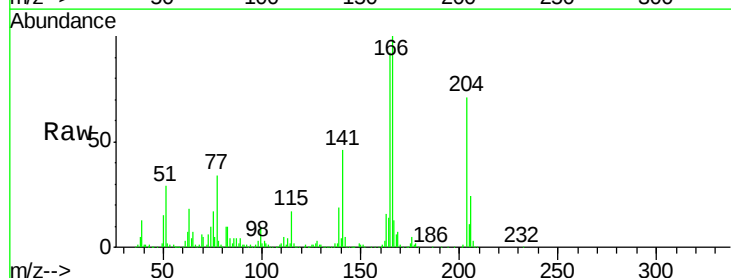
Tgt Ion:204 Resp: 167993

Ion Ratio Lower Upper

204 100

206 33.9 28.6 42.8

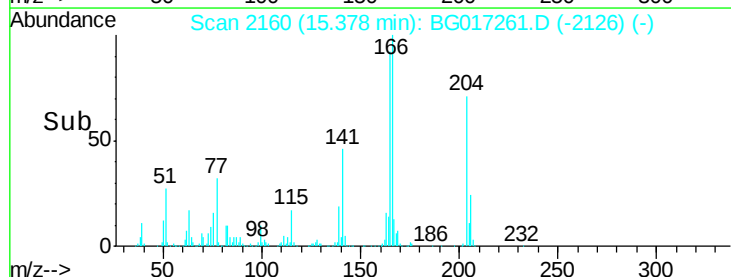
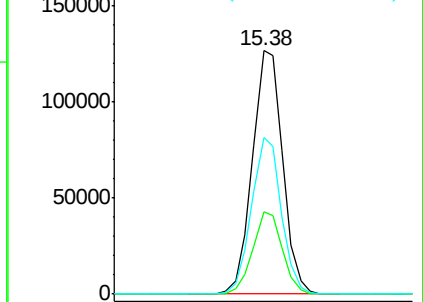
141 64.3 54.2 81.2

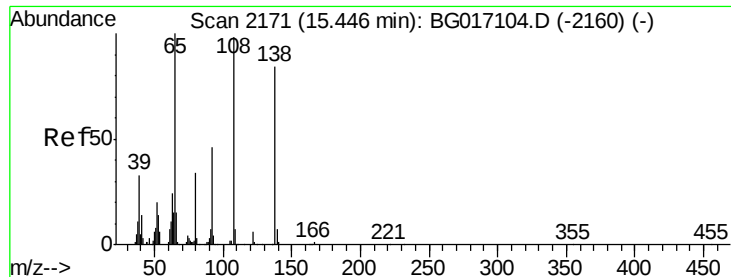


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

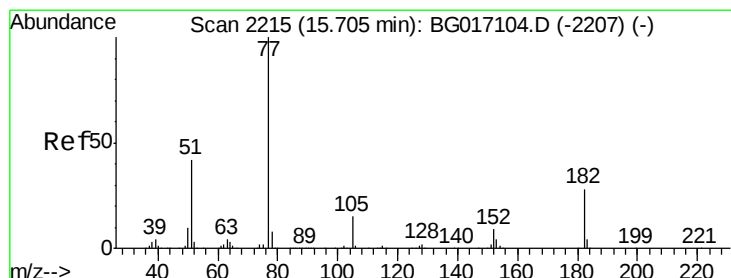
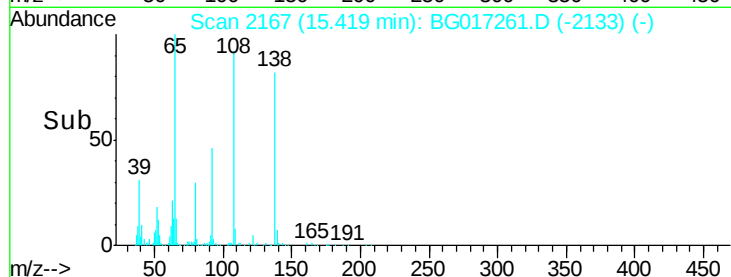
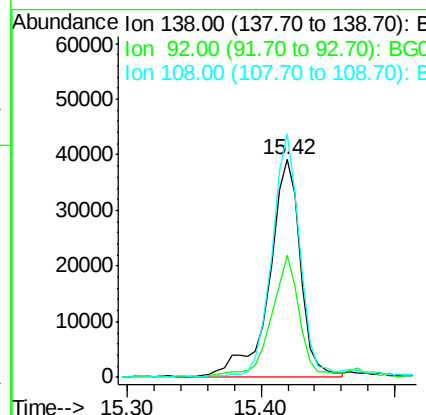
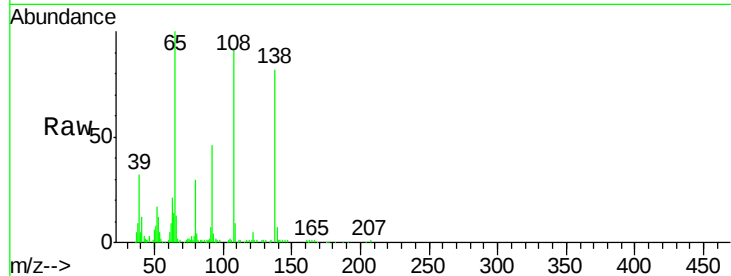




#61
4-Nitroaniline
Concen: 34.50 ng
RT: 15.42 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

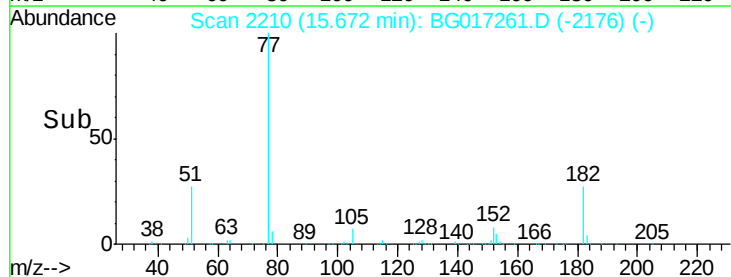
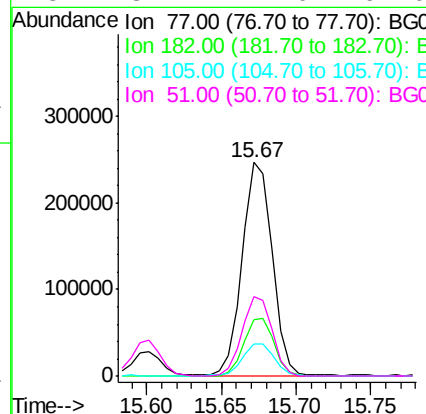
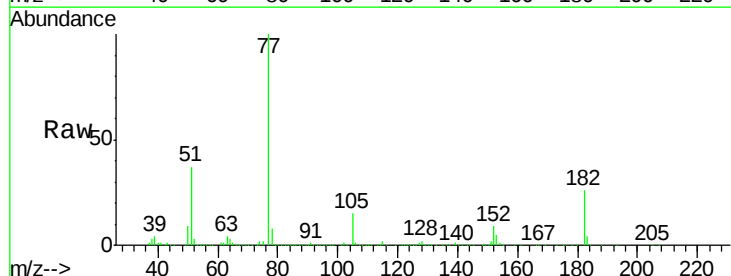
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

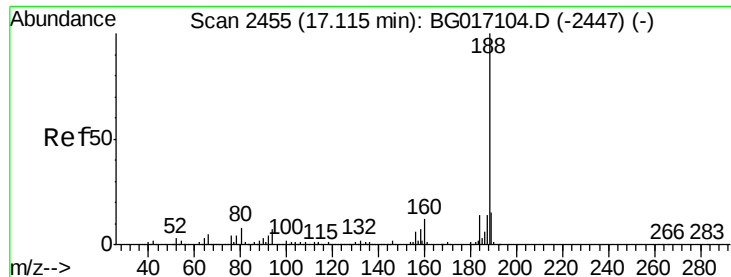
Tgt Ion:138 Resp: 64237
Ion Ratio Lower Upper
138 100
92 56.0 34.9 74.9
108 111.8 95.8 135.8



#62
Azobenzene
Concen: 49.18 ng
RT: 15.67 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion: 77 Resp: 342626
Ion Ratio Lower Upper
77 100
182 26.5 8.1 48.1
105 15.2 0.0 34.8
51 37.2 22.0 62.0

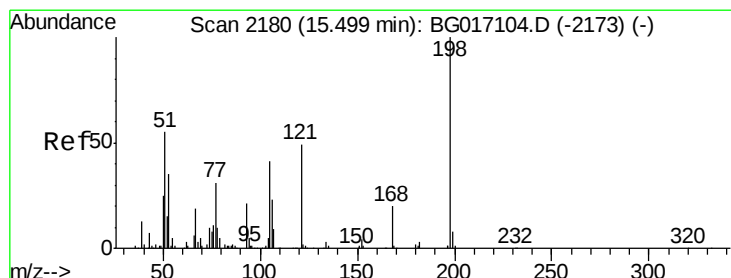
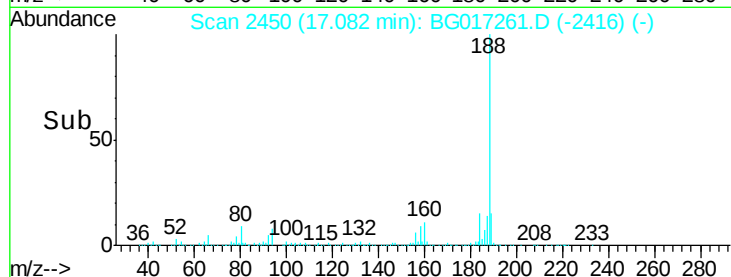
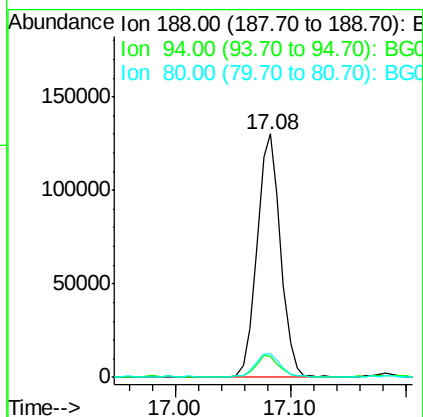
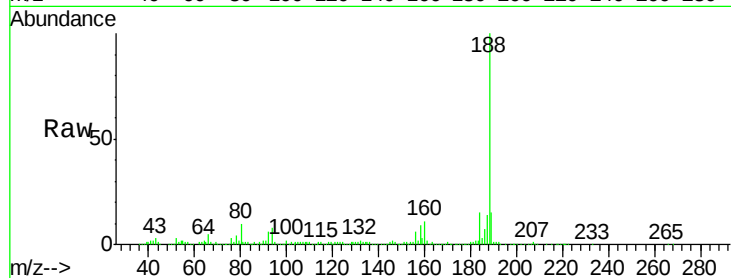




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

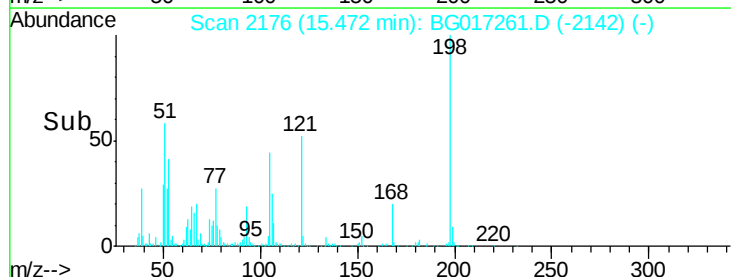
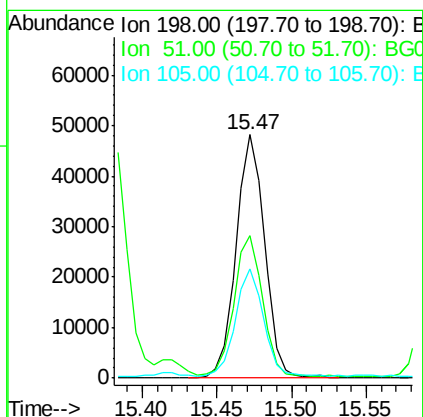
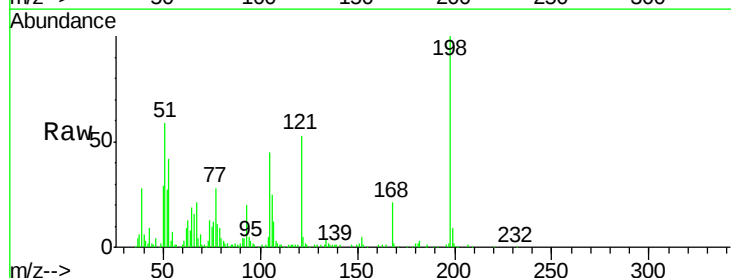
Instrument :
BNA_G
ClientSampleId :
VE4-11MS

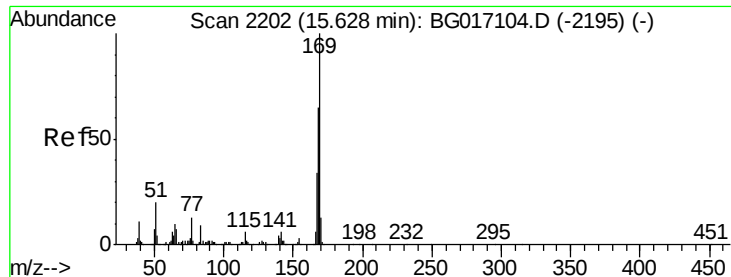
Tgt Ion:188 Resp: 184190
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 9.7 6.5 9.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.93 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG017261.D
Acq: 23 May 2015 2:10

Tgt Ion:198 Resp: 64297
Ion Ratio Lower Upper
198 100
51 58.5 39.9 79.9
105 44.9 22.0 62.0

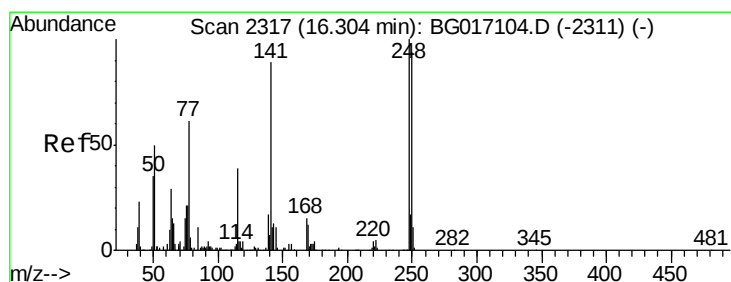
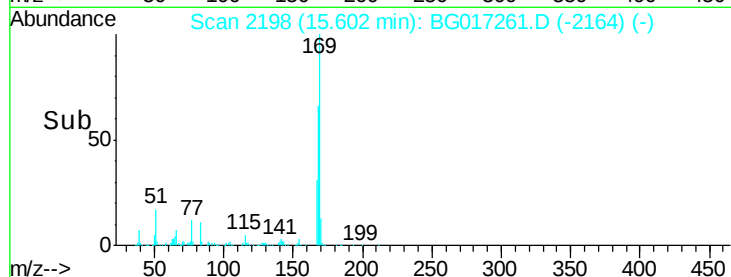
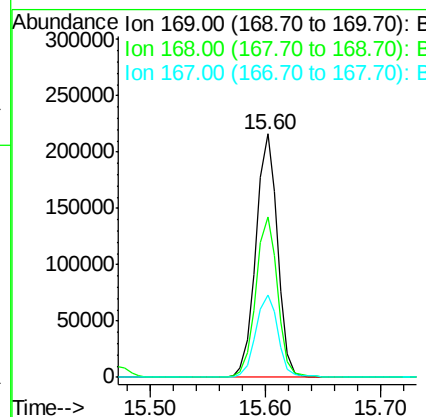
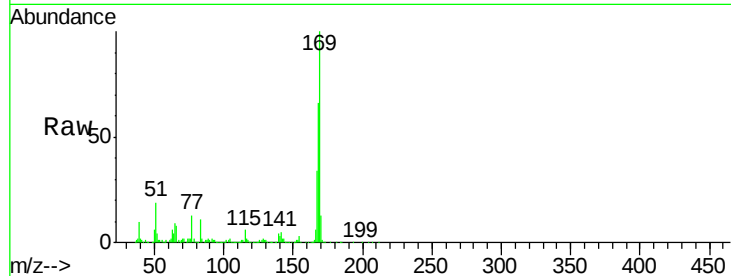




#65
 n-Nitrosodiphenylamine
 Concen: 49.80 ng
 RT: 15.60 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

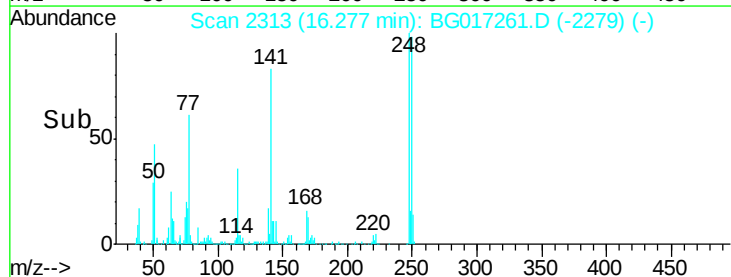
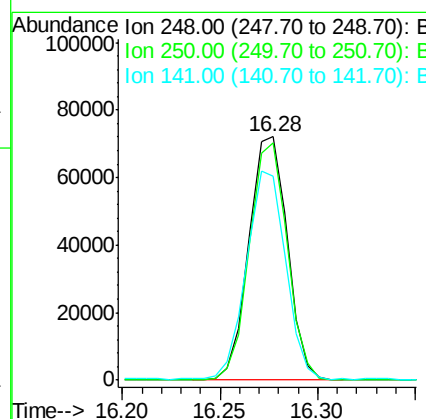
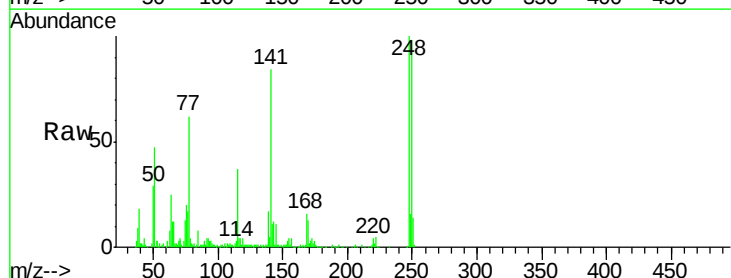
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

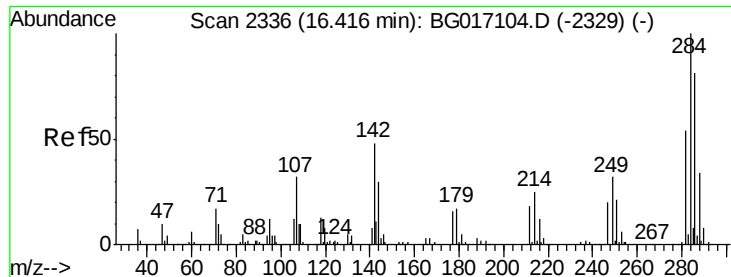
Tgt Ion:169 Resp: 281614
 Ion Ratio Lower Upper
 169 100
 168 65.7 51.7 77.5
 167 33.7 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 49.09 ng
 RT: 16.28 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion:248 Resp: 98605
 Ion Ratio Lower Upper
 248 100
 250 97.5 75.0 112.4
 141 83.7 71.3 106.9





#67

Hexachlorobenzene

Concen: 47.93 ng

RT: 16.39 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

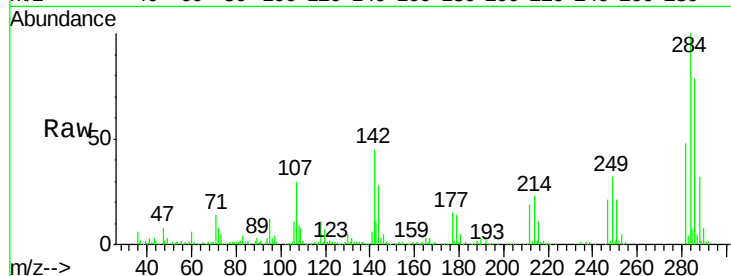
Tgt Ion:284 Resp: 101598

Ion Ratio Lower Upper

284 100

142 44.6 38.2 57.2

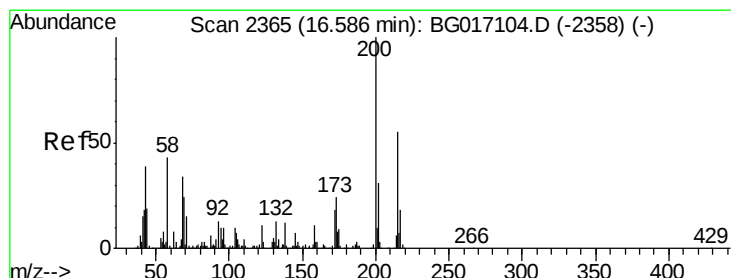
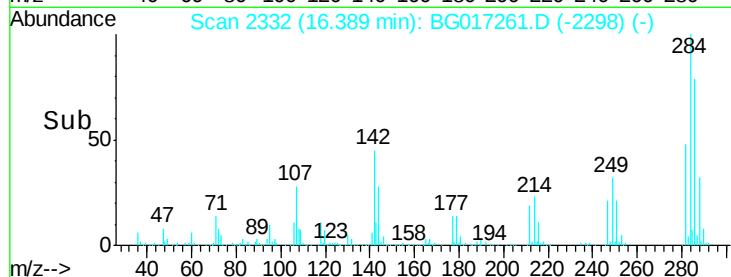
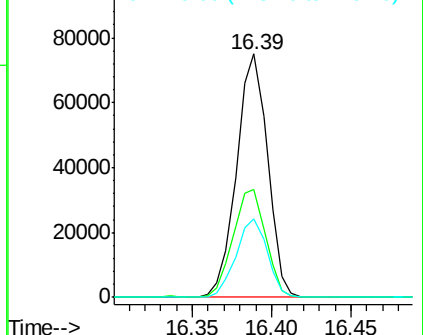
249 32.2 25.2 37.8



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: 39.81 ng

RT: 16.56 min Scan# 2361

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

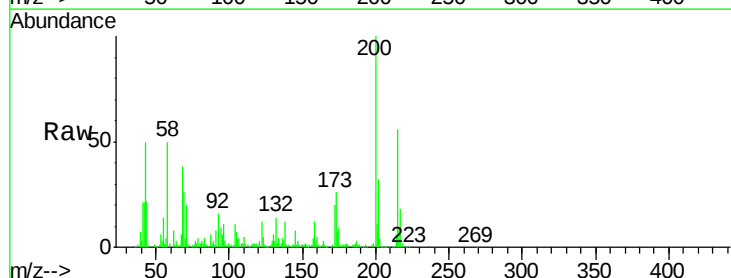
Tgt Ion:200 Resp: 82344

Ion Ratio Lower Upper

200 100

173 26.3 3.7 43.7

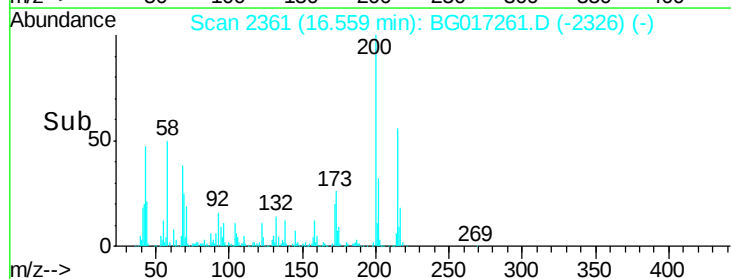
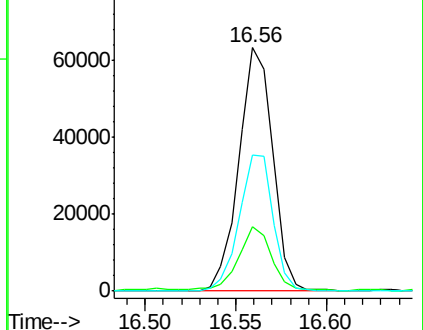
215 55.9 35.5 75.5

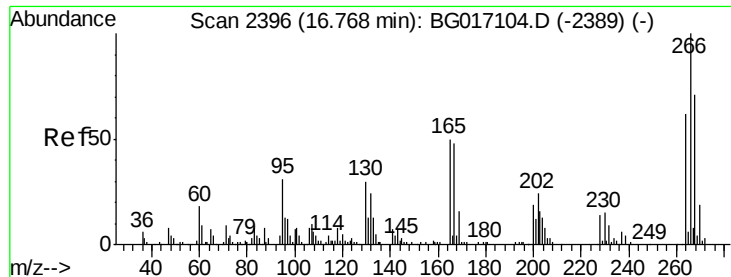


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

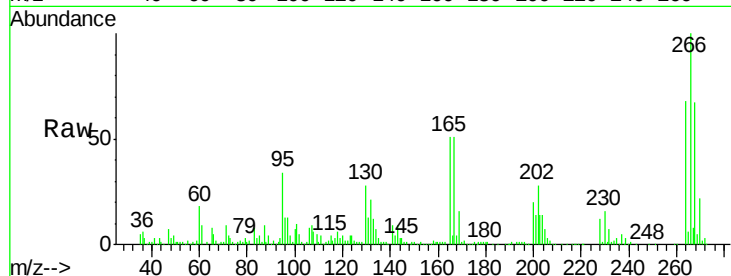




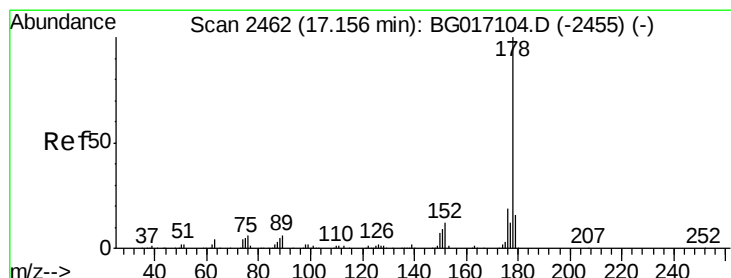
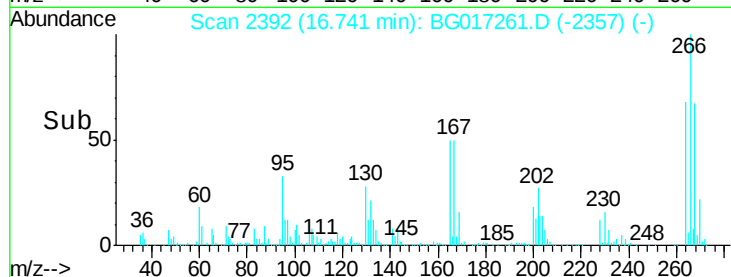
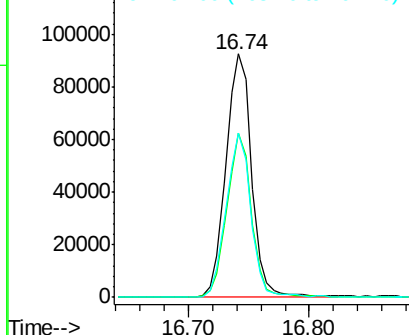
#69
 Pentachlorophenol
 Concen: 103.53 ng
 RT: 16.74 min Scan# 2392
 Delta R.T. 0.01 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

Tgt Ion: 266 Resp: 137002
 Ion Ratio Lower Upper
 266 100
 268 67.5 56.6 84.8
 264 67.7 49.4 74.0

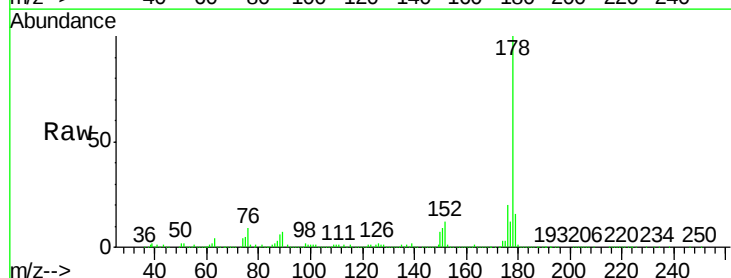


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

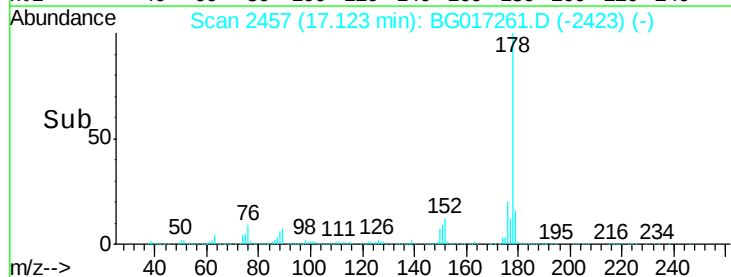
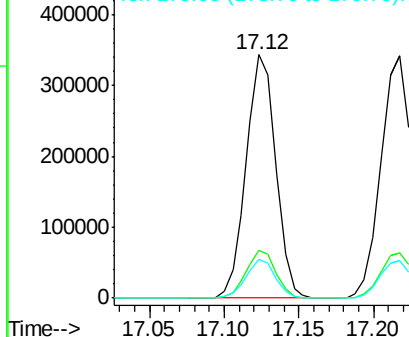


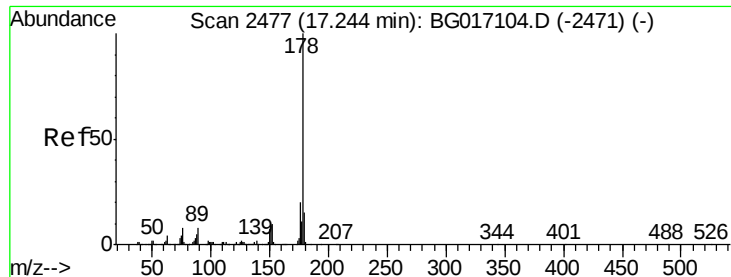
#70
 Phenanthrene
 Concen: 49.29 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion: 178 Resp: 468114
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.5 18.7



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





#71

Anthracene

Concen: 49.21 ng

RT: 17.22 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

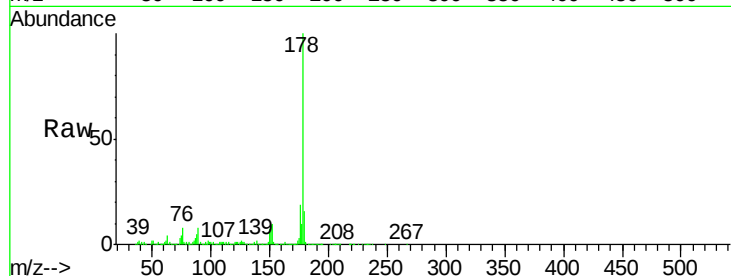
Tgt Ion:178 Resp: 473665

Ion Ratio Lower Upper

178 100

176 18.8 16.3 24.5

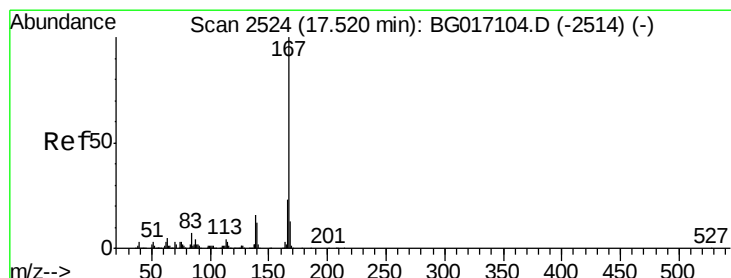
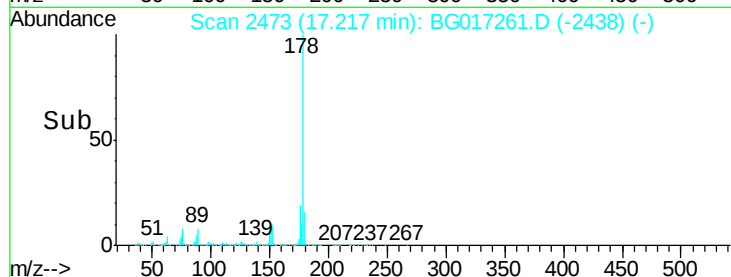
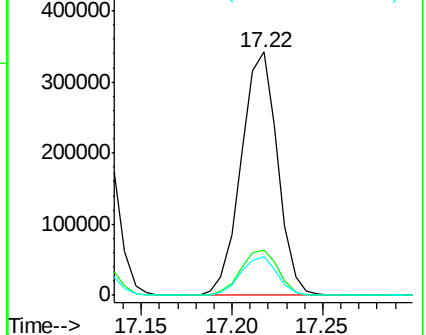
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.42 ng

RT: 17.49 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

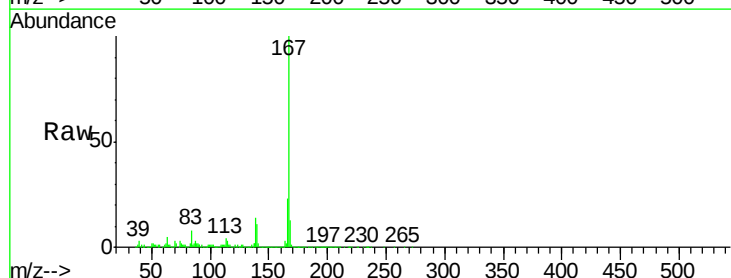
Tgt Ion:167 Resp: 445979

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

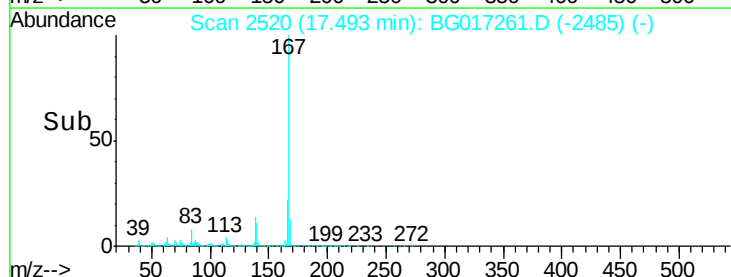
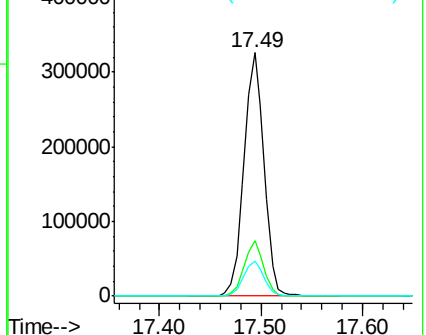
139 14.2 13.0 19.4

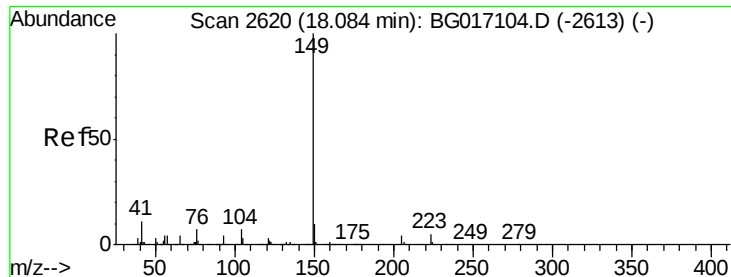


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.57 ng

RT: 18.06 min Scan# 2616

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

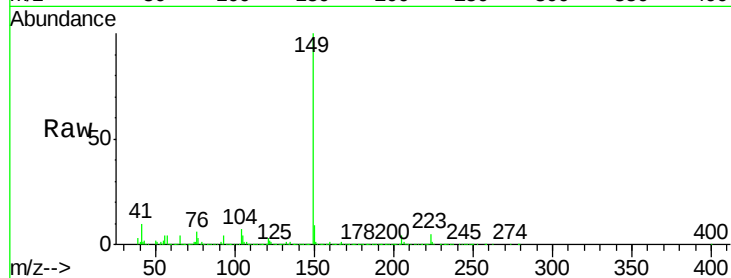
Tgt Ion:149 Resp: 574860

Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

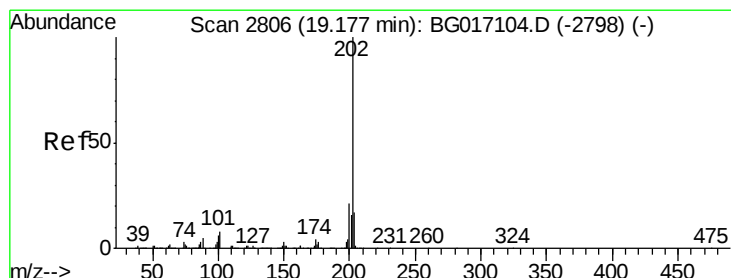
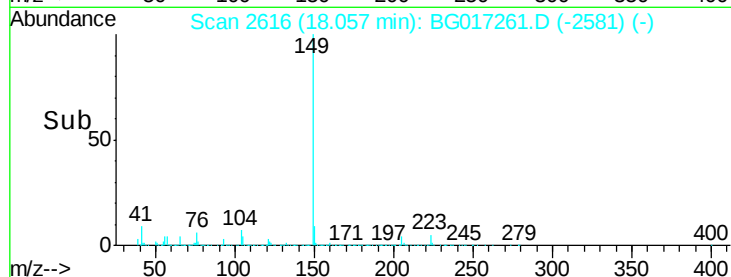
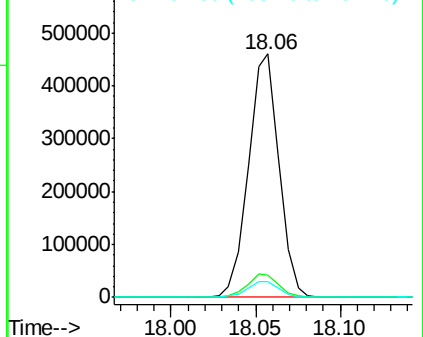
104 6.6 5.7 8.5



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: 47.37 ng

RT: 19.14 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

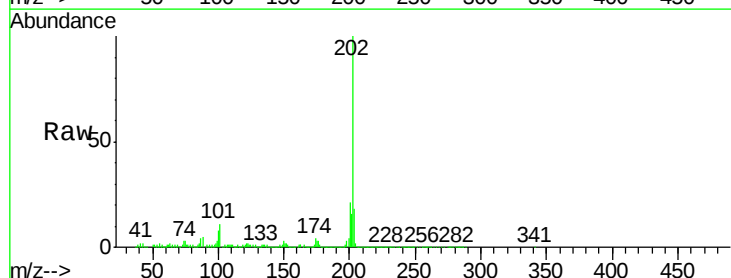
Tgt Ion:202 Resp: 540300

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.3

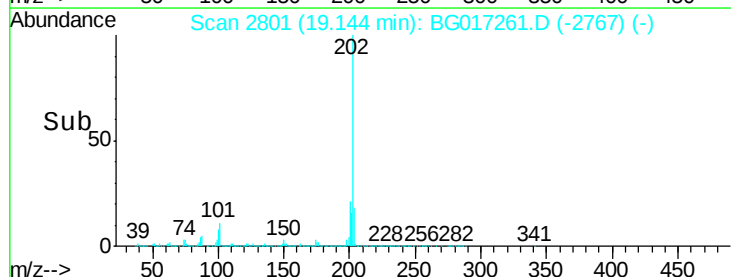
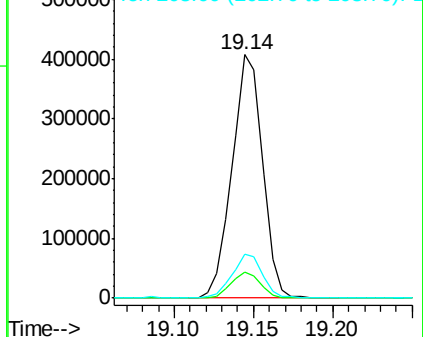
203 18.0 0.0 37.4

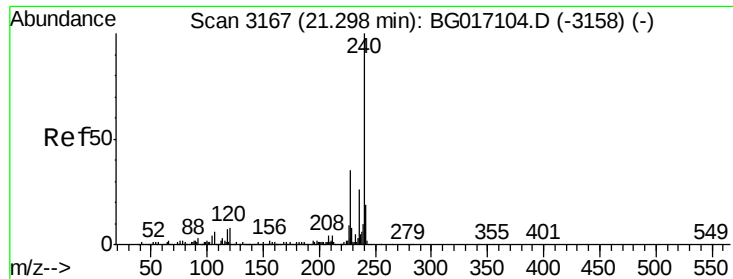


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.27 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

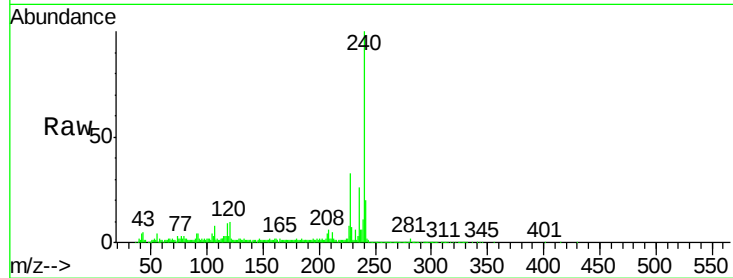
Tgt Ion:240 Resp: 204220

Ion Ratio Lower Upper

240 100

120 10.1 6.0 9.0#

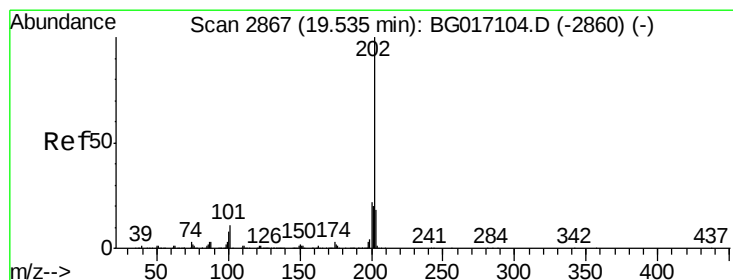
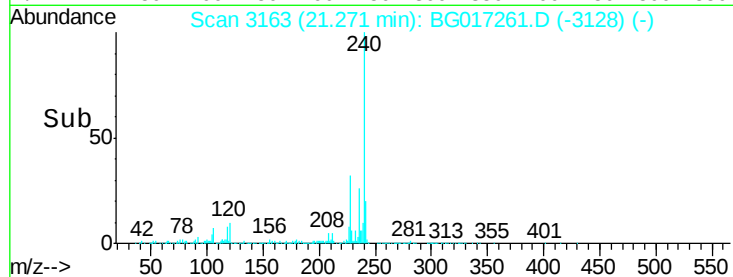
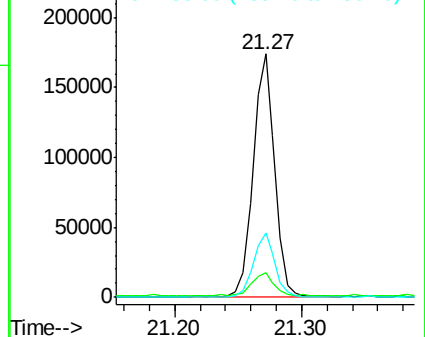
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 45.12 ng

RT: 19.51 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

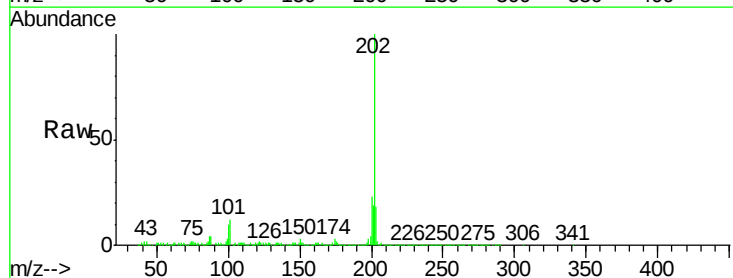
Tgt Ion:202 Resp: 565324

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

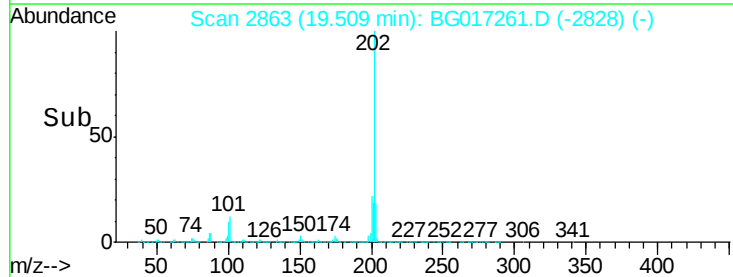
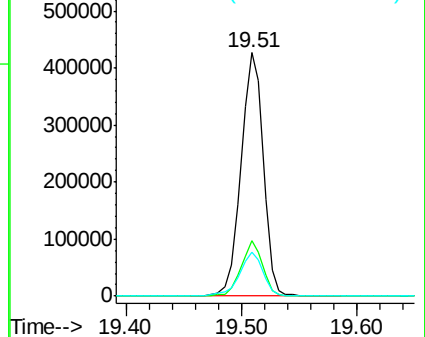
203 18.1 14.4 21.6

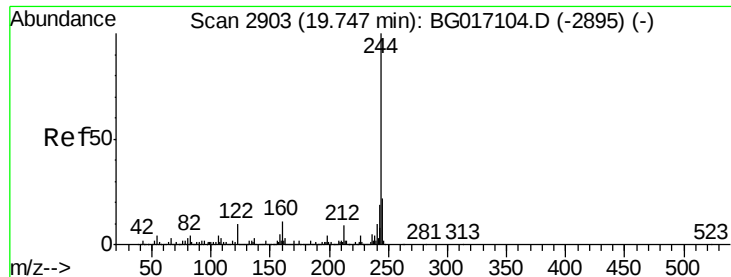


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.41 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

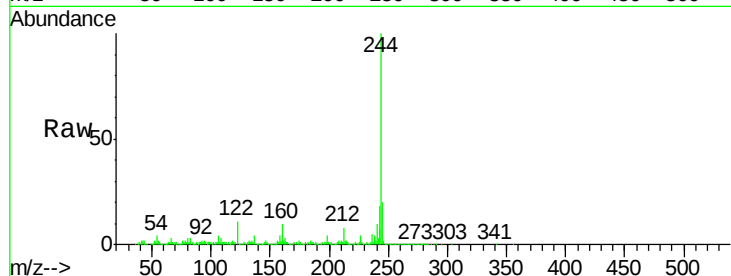
Tgt Ion:244 Resp: 592017

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

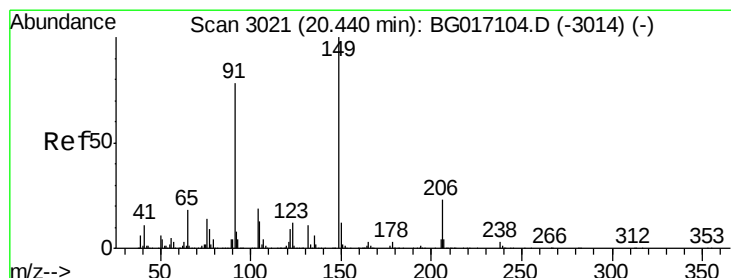
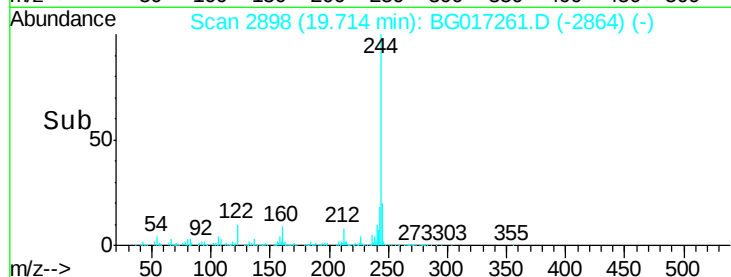
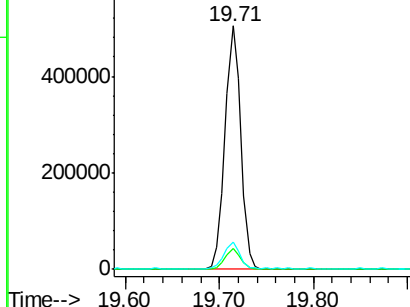
122 11.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.32 ng

RT: 20.41 min Scan# 3017

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

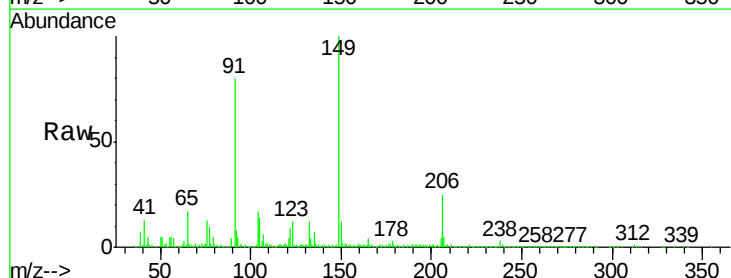
Tgt Ion:149 Resp: 269587

Ion Ratio Lower Upper

149 100

91 80.0 62.0 93.0

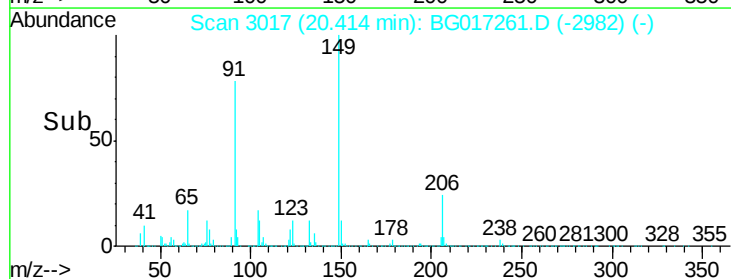
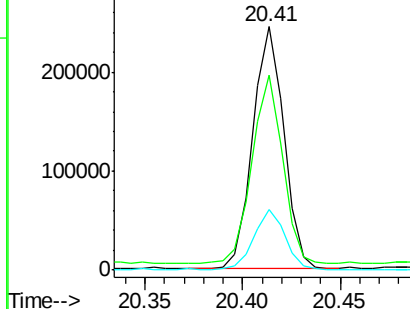
206 24.7 18.6 27.8

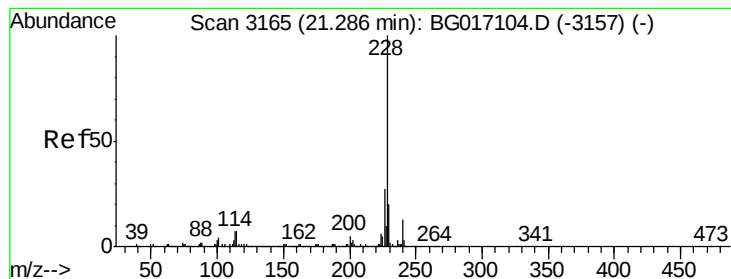


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.31 ng

RT: 21.25 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

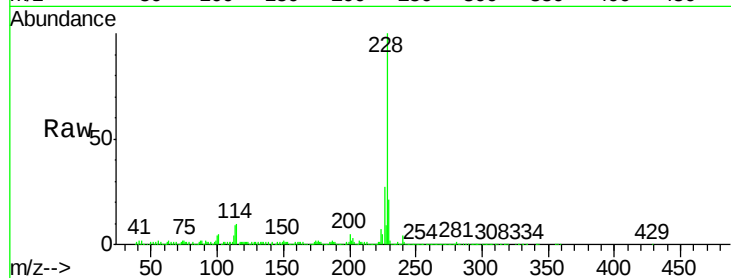
Tgt Ion: 228 Resp: 565357

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

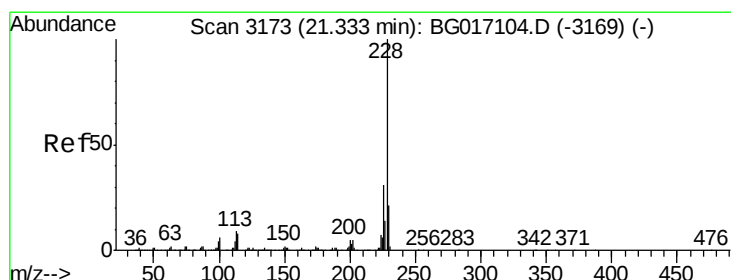
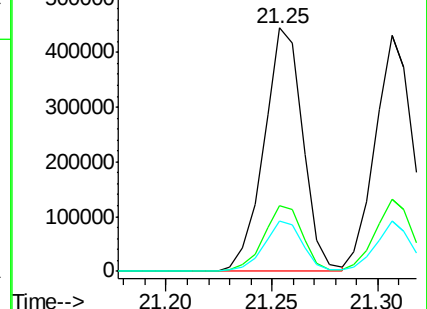
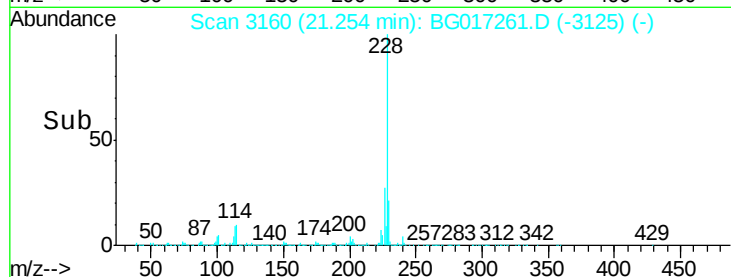
229 20.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 48.55 ng

RT: 21.31 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

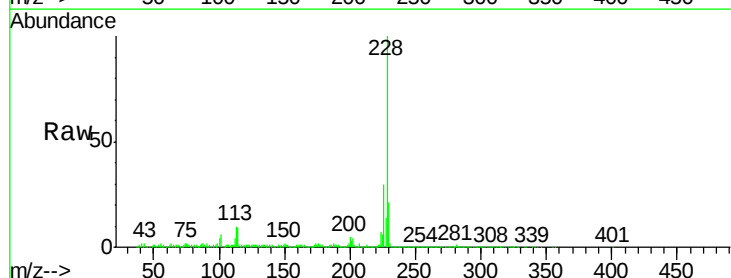
Tgt Ion: 228 Resp: 529275

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

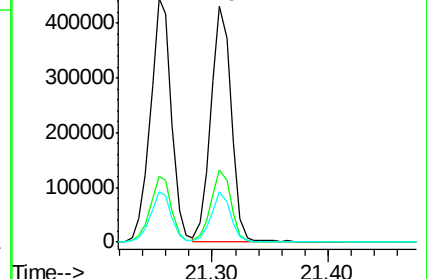
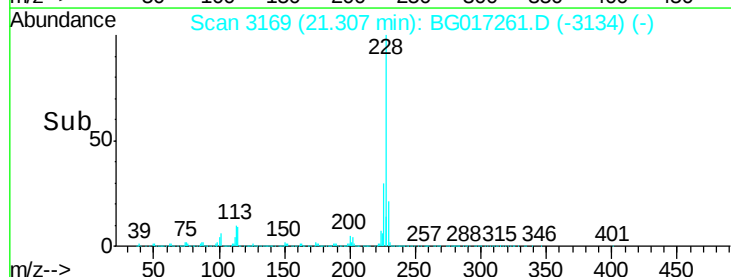
229 21.2 17.0 25.6

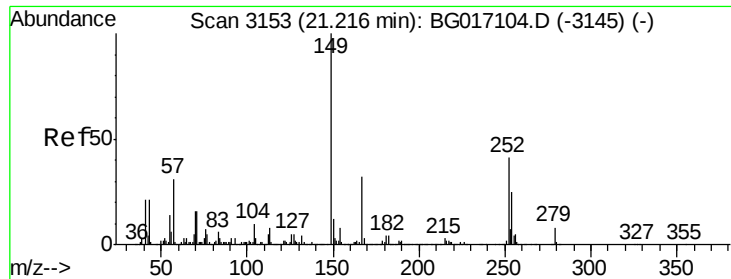


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

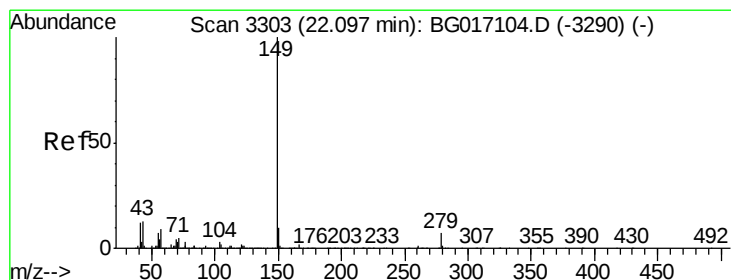
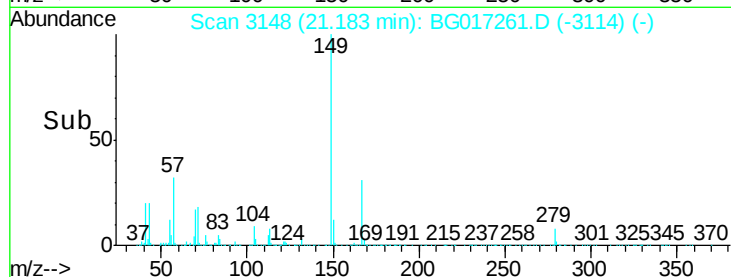
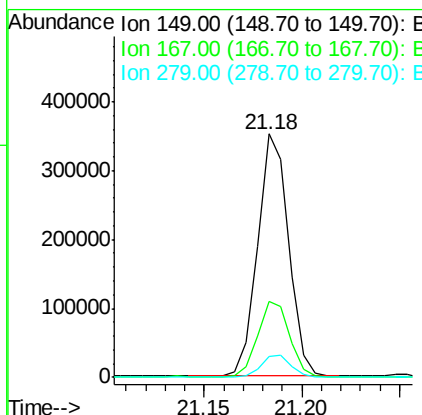
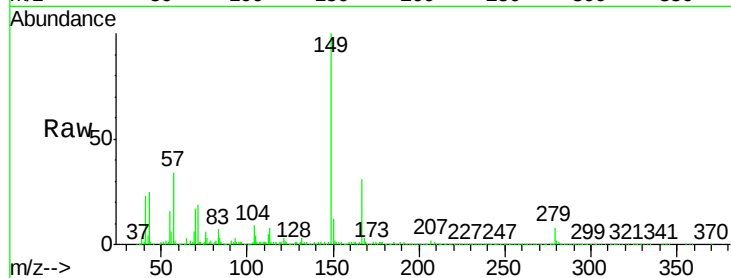




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.46 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

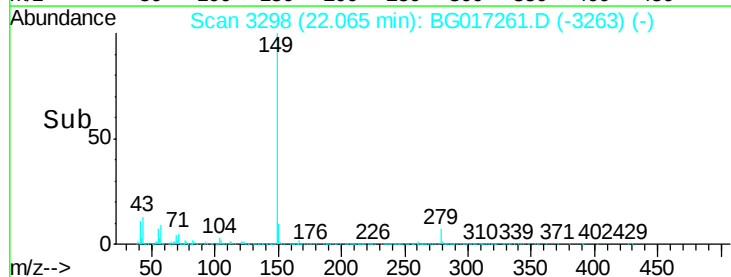
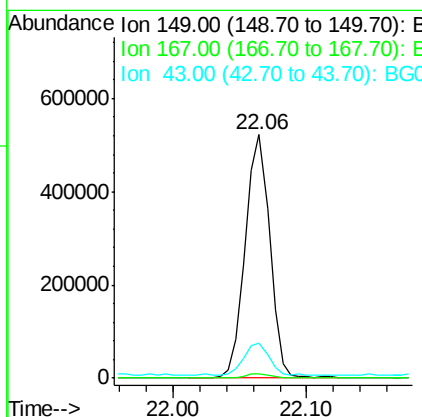
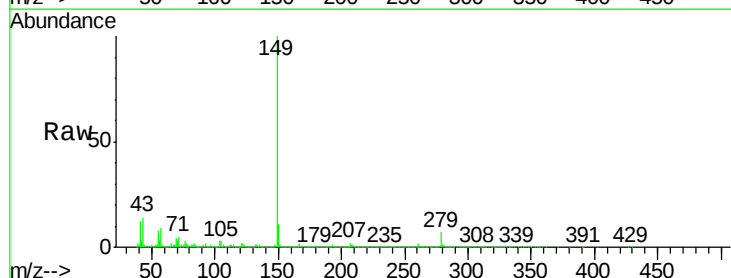
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MS

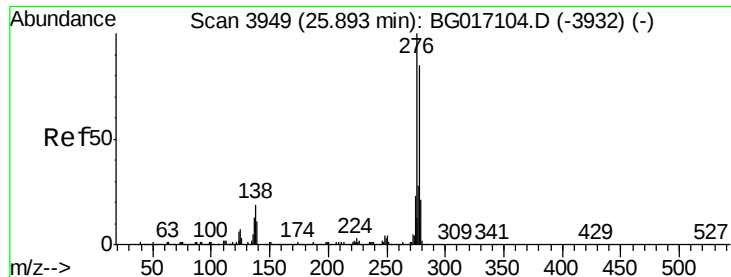
Tgt Ion:149 Resp: 384261
 Ion Ratio Lower Upper
 149 100
 167 31.0 25.4 38.2
 279 8.4 6.8 10.2



#84
 Di-n-octyl phthalate
 Concen: 48.60 ng
 RT: 22.06 min Scan# 3298
 Delta R.T. 0.01 min
 Lab File: BG017261.D
 Acq: 23 May 2015 2:10

Tgt Ion:149 Resp: 655149
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 13.6 10.9 16.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.77 ng

RT: 25.83 min Scan# 3939

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

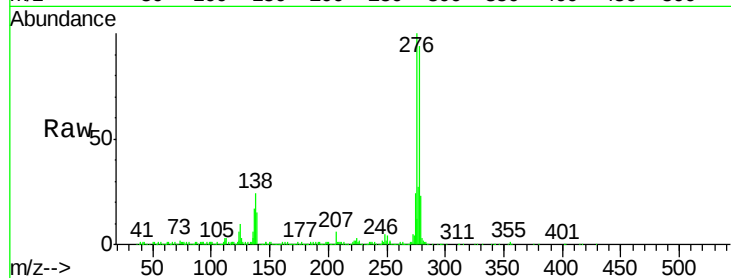
Tgt Ion:276 Resp: 623121

Ion Ratio Lower Upper

276 100

138 21.3 16.0 24.0

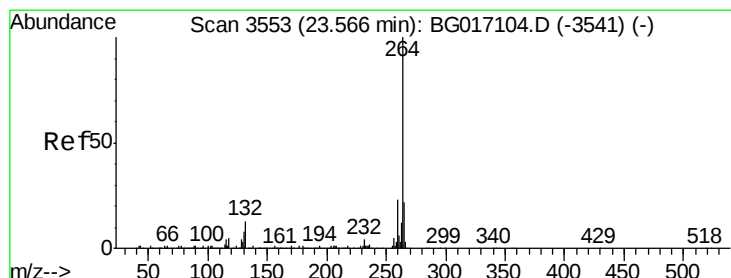
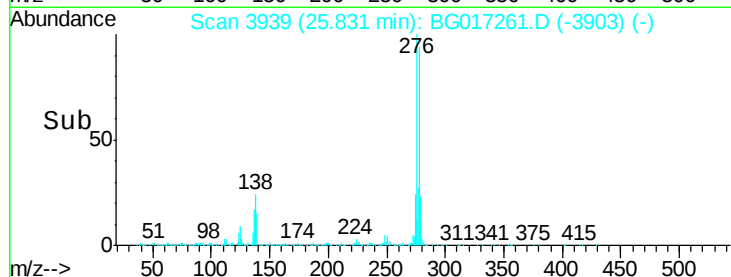
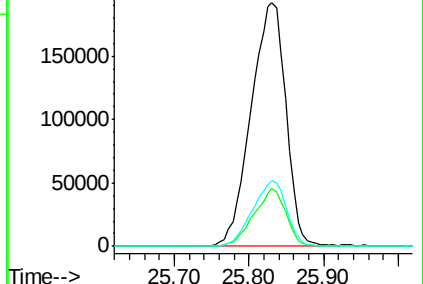
277 26.2 20.9 31.3



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: 23.52 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

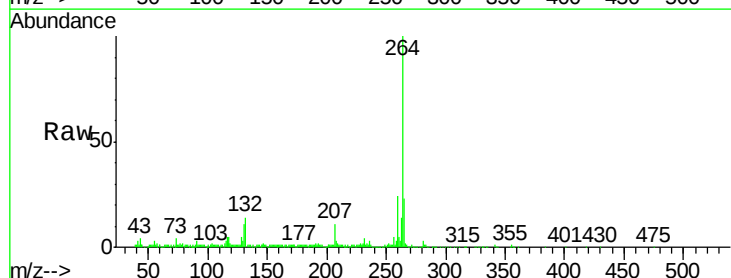
Tgt Ion:264 Resp: 197537

Ion Ratio Lower Upper

264 100

260 23.7 18.0 27.0

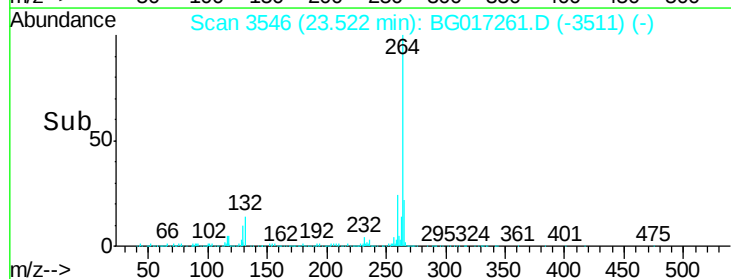
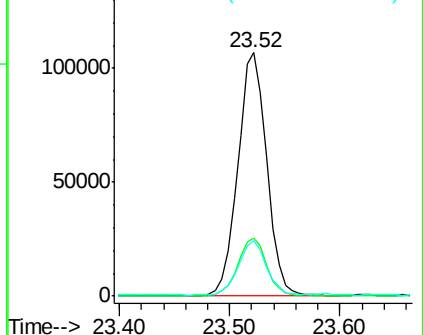
265 23.0 17.4 26.0

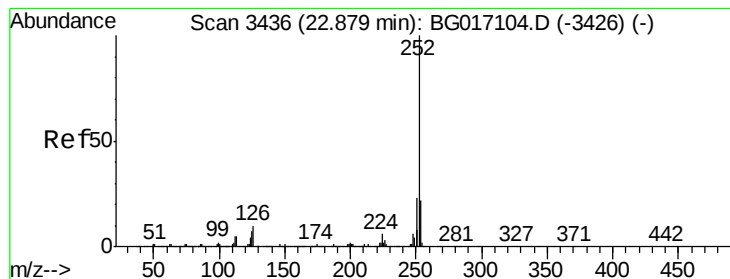


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.95 ng

RT: 22.85 min Scan# 3431

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

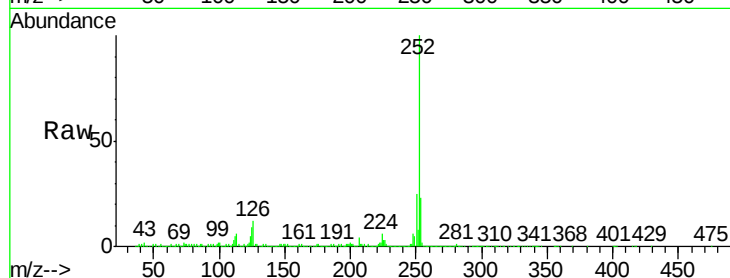
Tgt Ion:252 Resp: 552193

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

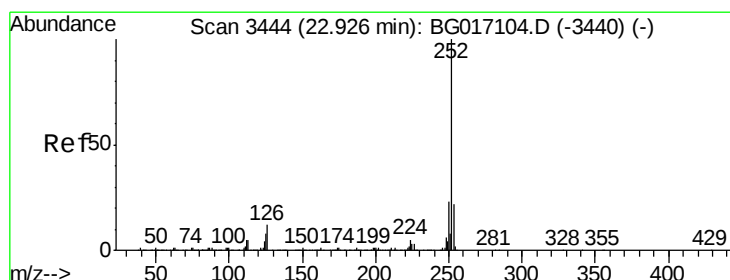
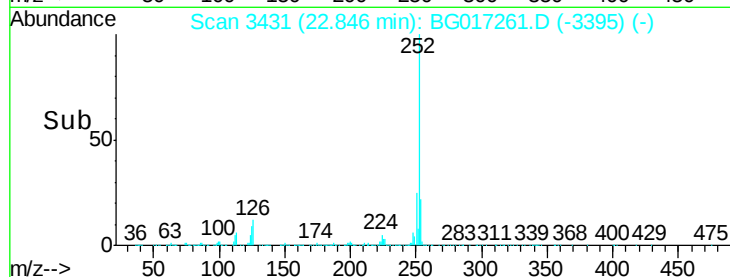
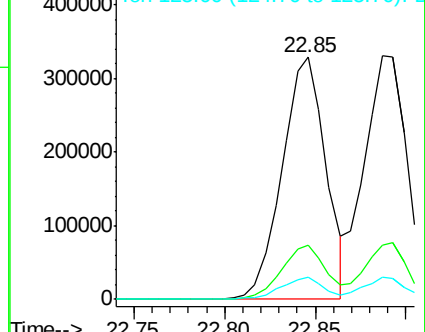
125 9.0 5.9 8.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.56 ng

RT: 22.89 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

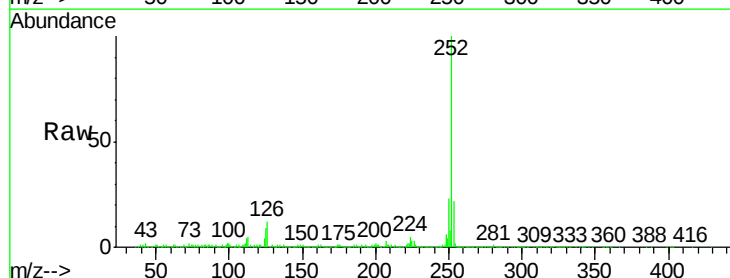
Tgt Ion:252 Resp: 541853

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

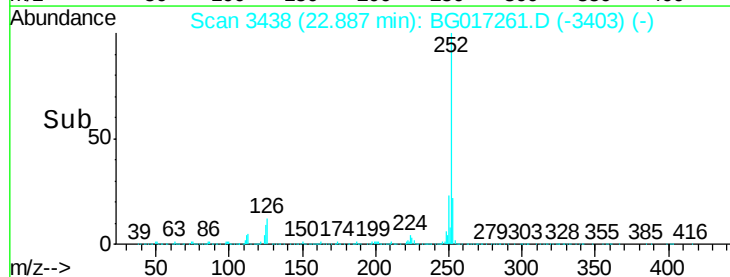
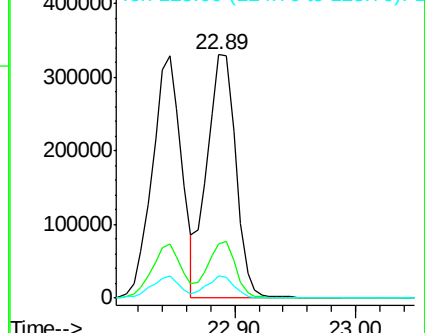
125 9.1 6.4 9.6

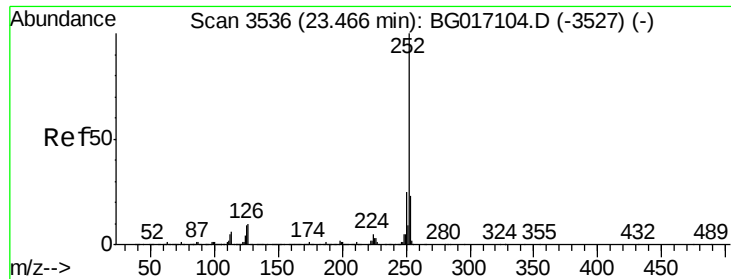


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.96 ng

RT: 23.43 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

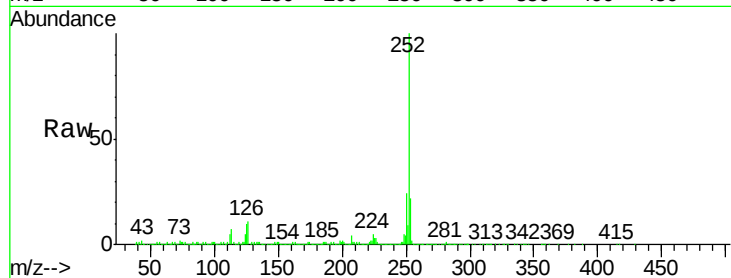
Tgt Ion:252 Resp: 528293

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

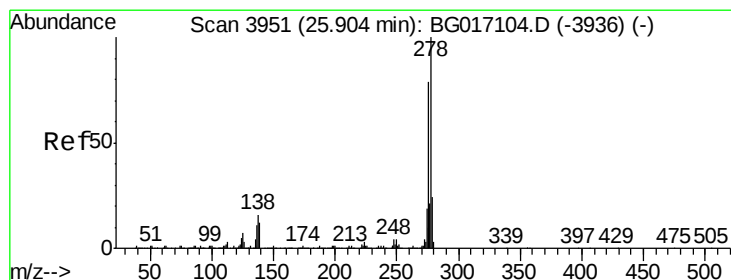
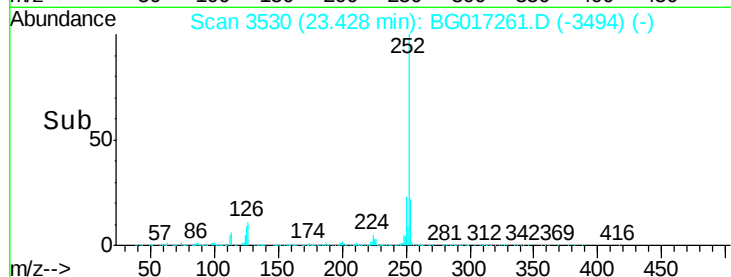
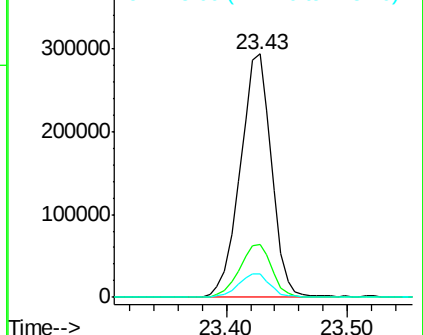
125 9.5 7.2 10.8



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



#90

Dibenzo(a,h)anthracene

Concen: 48.40 ng

RT: 25.84 min Scan# 3941

Delta R.T. 0.02 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

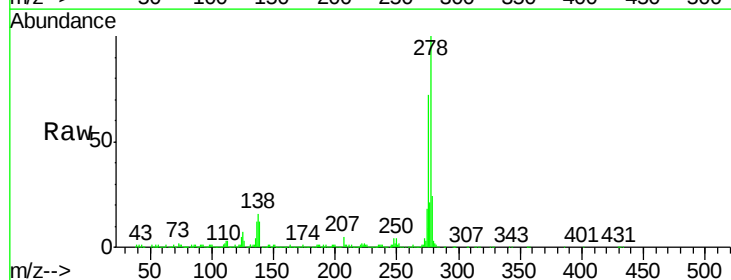
Tgt Ion:278 Resp: 525458

Ion Ratio Lower Upper

278 100

139 12.4 9.4 14.2

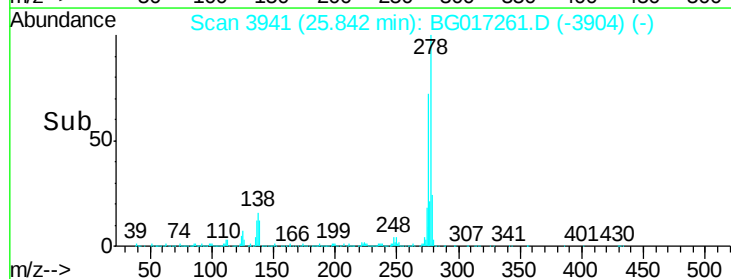
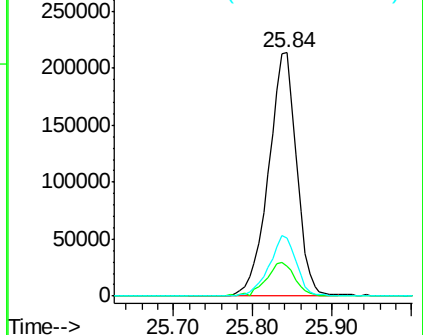
279 23.9 19.1 28.7

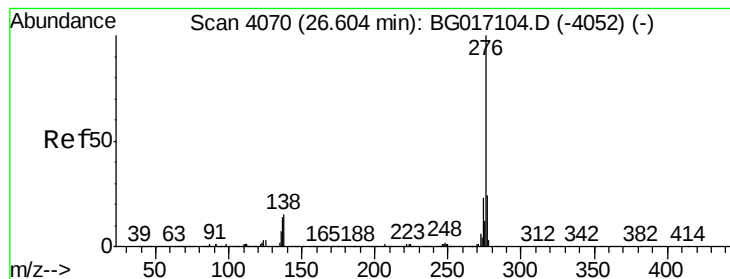


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.93 ng

RT: 26.54 min Scan# 4059

Delta R.T. 0.01 min

Lab File: BG017261.D

Acq: 23 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

VE4-11MS

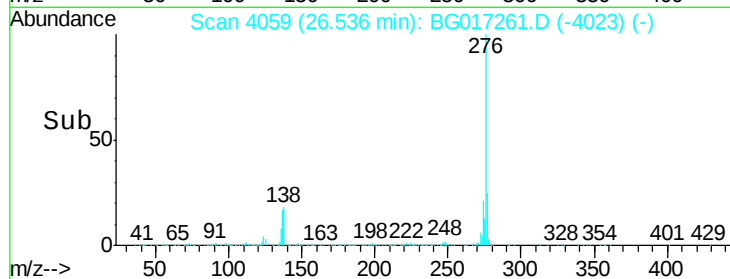
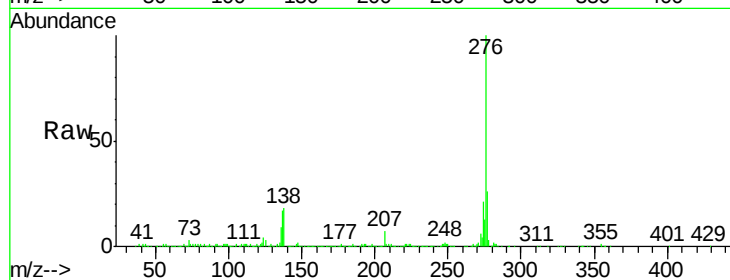
Tgt Ion: 276 Resp: 499962

Ion Ratio Lower Upper

276 100

277 25.6 18.9 28.3

138 17.5 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

