

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017262.D
 Acq On : 23 May 2015 2:45
 Operator : TP/IZ
 Sample : G2353-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

Quant Time: May 25 08:14:54 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	34548	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	144958	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	87027	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	184343	20.00	ng	0.00
75) Chrysene-d12	21.27	240	204799	20.00	ng	0.00
86) Perylene-d12	23.52	264	193933	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	150287	77.18	ng	0.00
7) Phenol-d6	6.89	99	128340	46.97	ng	0.00
23) Nitrobenzene-d5	8.85	82	270670	87.18	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	150011	142.59	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	553937	93.40	ng	0.00
78) Terphenyl-d14	19.72	244	596535	60.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	14252	18.55	ng	97
3) Pyridine	3.56	79	15951	6.86	ng	# 93
4) n-Nitrosodimethylamine	3.47	42	28607	16.22	ng	# 87
6) Aniline	7.02	93	26432	6.99	ng	98
8) 2-Chlorophenol	7.26	128	96537	41.44	ng	98
9) Benzaldehyde	6.82	77	19034	8.53	ng	99
10) Phenol	6.92	94	49559	17.10	ng	93
11) bis(2-Chloroethyl)ether	7.12	93	105695	48.64	ng	99
12) 1,3-Dichlorobenzene	7.57	146	111969	43.04	ng	98
13) 1,4-Dichlorobenzene	7.72	146	113360	43.17	ng	93
14) 1,2-Dichlorobenzene	8.04	146	111017	44.26	ng	99
15) Benzyl Alcohol	7.93	79	70501	26.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	177813	50.47	ng	99
17) 2-Methylphenol	8.15	107	72917	34.70	ng	89
18) Hexachloroethane	8.76	117	47168	43.00	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	99809	41.92	ng	95
20) 3+4-Methylphenols	8.49	107	88104	30.17	ng	# 85
22) Acetophenone	8.51	105	174909	49.72	ng	# 95
24) Nitrobenzene	8.89	77	145934	48.04	ng	99
25) Isophorone	9.41	82	260956	45.60	ng	97
26) 2-Nitrophenol	9.59	139	65268	48.06	ng	# 87
27) 2,4-Dimethylphenol	9.67	122	101320	45.33	ng	97
28) bis(2-Chloroethoxy)methane	9.90	93	135511	48.63	ng	# 97
29) 2,4-Dichlorophenol	10.14	162	104448	49.53	ng	93
30) 1,2,4-Trichlorobenzene	10.34	180	113026	47.25	ng	93
31) Naphthalene	10.53	128	346574	48.86	ng	98
32) Benzoic acid	9.80	122	23273	15.36	ng	86
33) 4-Chloroaniline	10.64	127	15017	4.48	ng	# 92
34) Hexachlorobutadiene	10.81	225	70284	46.40	ng	94
35) Caprolactam	11.44	113	7749	7.31	ng	93
36) 4-Chloro-3-methylphenol	11.80	107	115464	43.34	ng	97
37) 2-Methylnaphthalene	12.14	142	260664	46.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	125025	50.78	ng	98
40) Hexachlorocyclopentadiene	12.49	237	163064	108.57	ng	98

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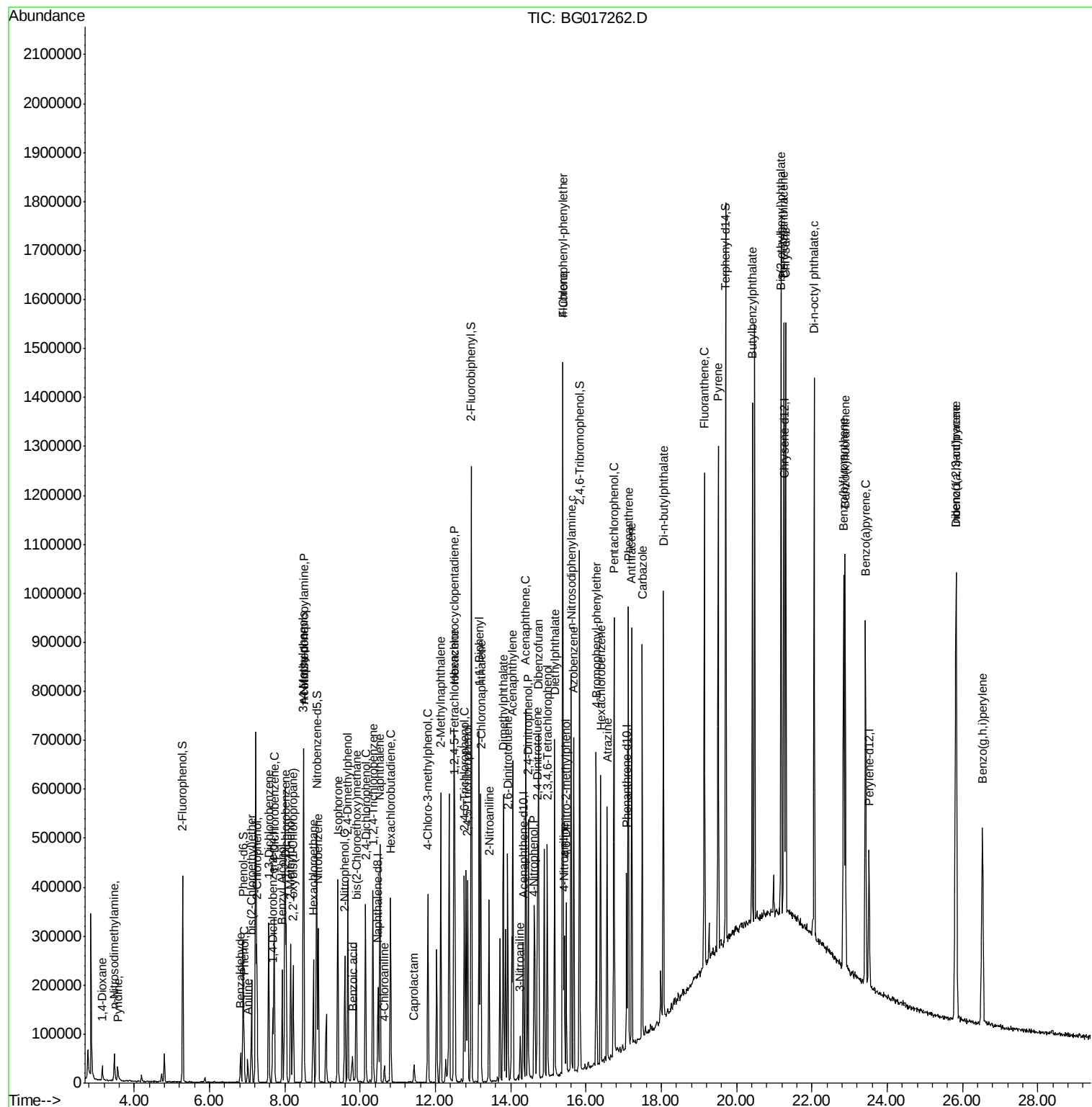
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	86714	49.65	ng	95
43) 2,4,5-Trichlorophenol	12.86	196	93716	52.08	ng	94
45) 1,1'-Biphenyl	13.16	154	322533	51.46	ng	99
46) 2-Chloronaphthalene	13.21	162	256951	51.77	ng	96
47) 2-Nitroaniline	13.42	65	93661	48.51	ng	97
48) Acenaphthylene	14.06	152	414502	48.76	ng	99
49) Dimethylphthalate	13.80	163	331419	48.70	ng	97
50) 2,6-Dinitrotoluene	13.92	165	76090	50.46	ng	94
51) Acenaphthene	14.40	154	246703	49.14	ng	99
52) 3-Nitroaniline	14.25	138	19009	11.36	ng	96
53) 2,4-Dinitrophenol	14.46	184	96606	110.34	ng	99
54) Dibenzofuran	14.74	168	376409	50.43	ng	99
55) 4-Nitrophenol	14.62	139	52828	39.22	ng	92
56) 2,4-Dinitrotoluene	14.71	165	104718	49.79	ng	94
57) Fluorene	15.39	166	324736	49.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	85340	51.67	ng	96
59) Diethylphthalate	15.17	149	338297	46.28	ng	98
60) 4-Chlorophenyl-phenylether	15.38	204	169217	49.87	ng	94
61) 4-Nitroaniline	15.42	138	64596	34.61	ng	92
62) Azobenzene	15.67	77	344610	49.35	ng	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	62076	49.13	ng	95
65) n-Nitrosodiphenylamine	15.60	169	277832	49.09	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	102339	50.90	ng	95
67) Hexachlorobenzene	16.39	284	103371	48.72	ng	95
68) Atrazine	16.56	200	81129	39.19	ng	98
69) Pentachlorophenol	16.74	266	136631	103.16	ng	96
70) Phenanthrene	17.12	178	473100	49.77	ng	99
71) Anthracene	17.22	178	480843	49.91	ng	98
72) Carbazole	17.49	167	444109	50.17	ng	98
73) Di-n-butylphthalate	18.06	149	582551	49.18	ng	98
74) Fluoranthene	19.15	202	553986	48.53	ng	97
77) Pyrene	19.51	202	573488	45.64	ng	99
79) Butylbenzylphthalate	20.41	149	272898	47.77	ng	98
80) Benzo(a)anthracene	21.25	228	562604	47.94	ng	99
82) Chrysene	21.31	228	533050	48.76	ng	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	388072	47.80	ng	98
84) Di-n-octyl phthalate	22.06	149	651394	48.19	ng	99
85) Indeno(1,2,3-cd)pyrene	25.83	276	629453	48.12	ng	98
87) Benzo(b)fluoranthene	22.84	252	560352	49.57	ng	96
88) Benzo(k)fluoranthene	22.89	252	532846	49.65	ng	98
89) Benzo(a)pyrene	23.42	252	522352	50.32	ng	98
90) Dibenzo(a,h)anthracene	25.84	278	527655	49.51	ng	98
91) Benzo(g,h,i)perylene	26.54	276	505976	50.44	ng	# 95

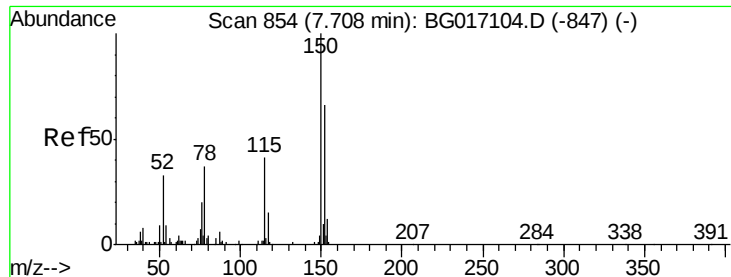
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

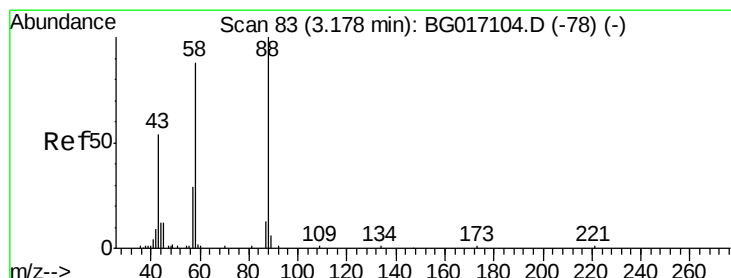
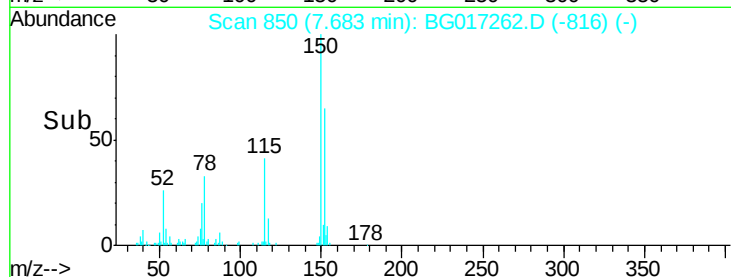
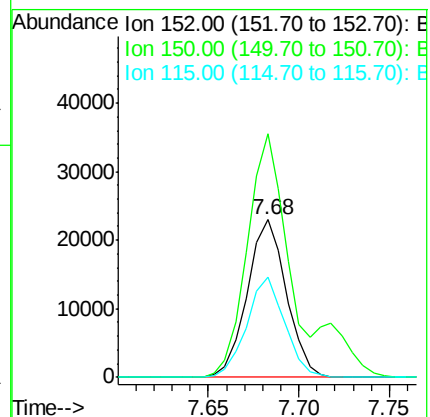
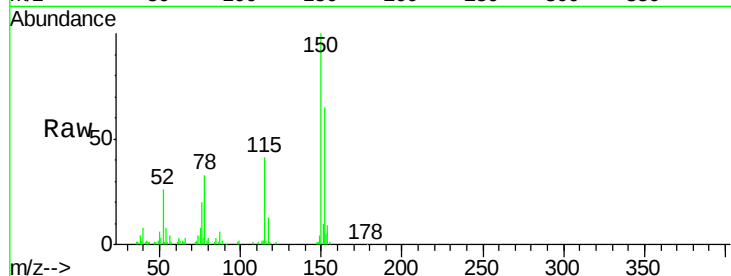
Tgt Ion:152 Resp: 34548

Ion Ratio Lower Upper

152 100

150 154.7 120.8 181.2

115 63.4 49.4 74.2



#2

1,4-Dioxane

Concen: 18.55 ng

RT: 3.15 min Scan# 79

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

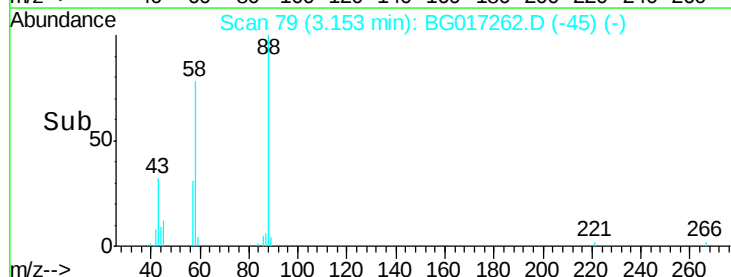
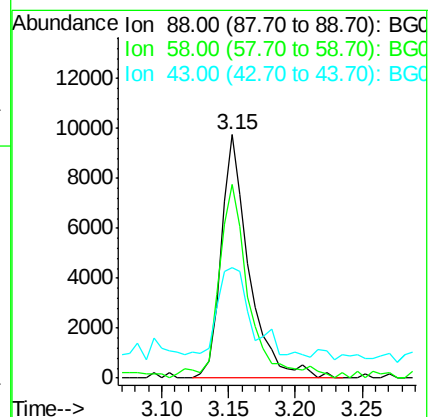
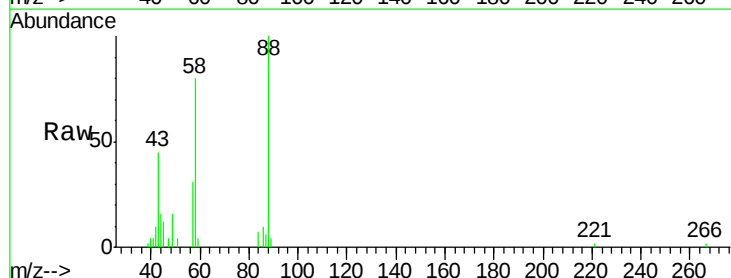
Tgt Ion: 88 Resp: 14252

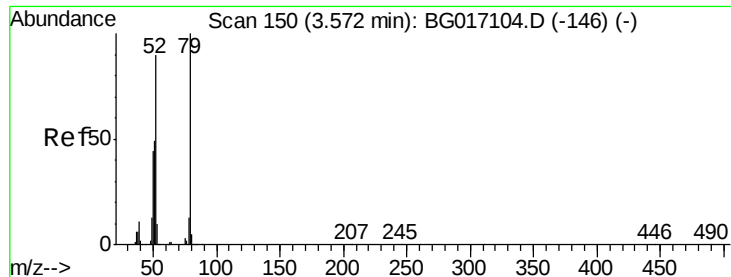
Ion Ratio Lower Upper

88 100

58 85.9 68.6 103.0

43 45.2 40.3 60.5





#3

Pyridine

Concen: 6.86 ng

RT: 3.56 min Scan# 148

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

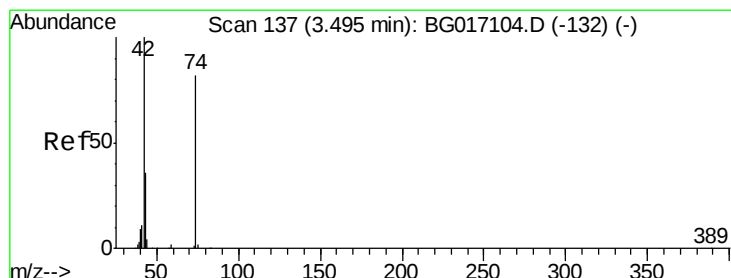
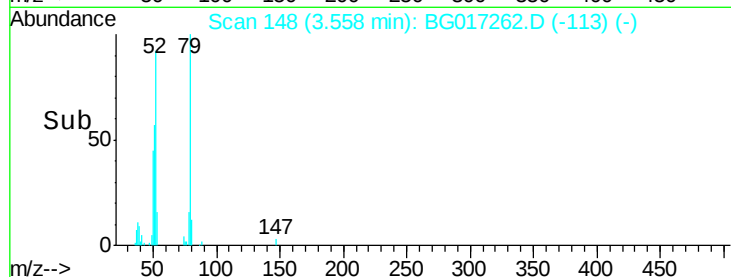
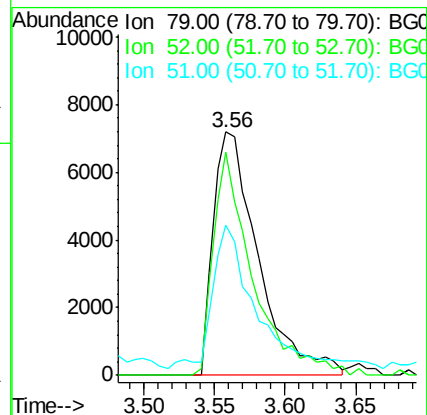
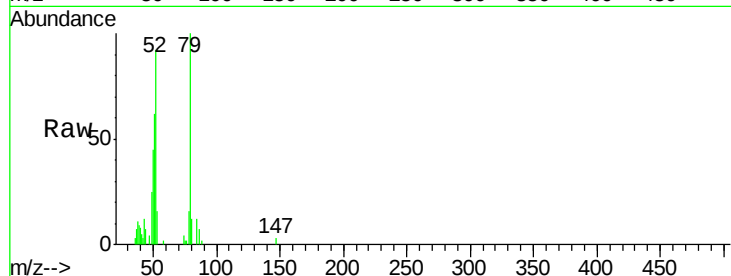
Tgt Ion: 79 Resp: 15951

Ion Ratio Lower Upper

79 100

52 91.6 72.2 108.2

51 61.8 40.6 60.8#



#4

n-Nitrosodimethylamine

Concen: 16.22 ng

RT: 3.47 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

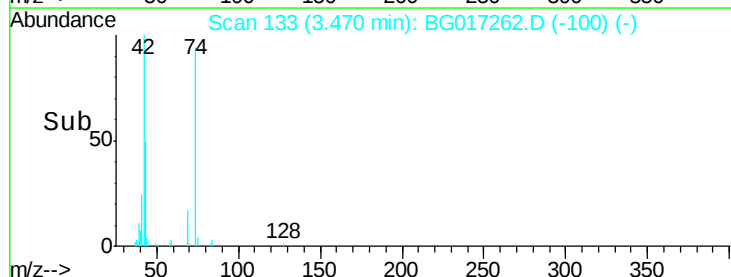
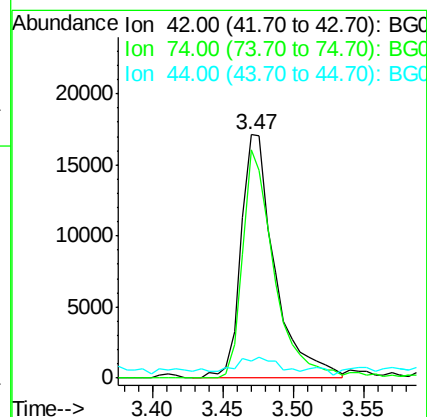
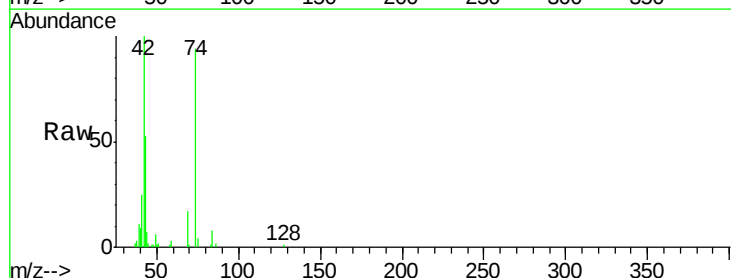
Tgt Ion: 42 Resp: 28607

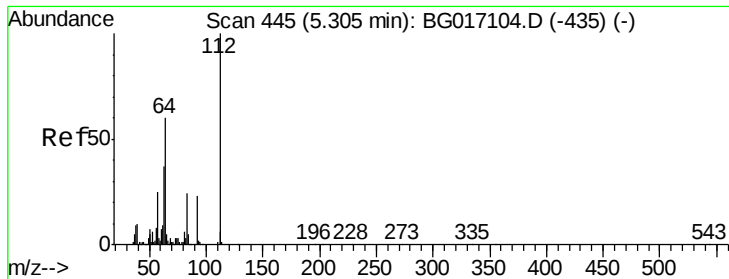
Ion Ratio Lower Upper

42 100

74 93.5 65.2 97.8

44 7.0 3.2 4.8#





#5

2-Fluorophenol

Concen: 77.18 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

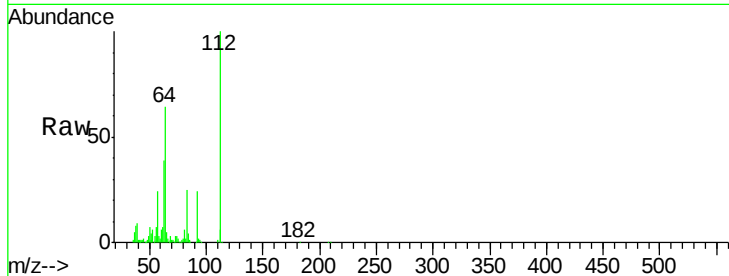
Instrument :

BNA_G

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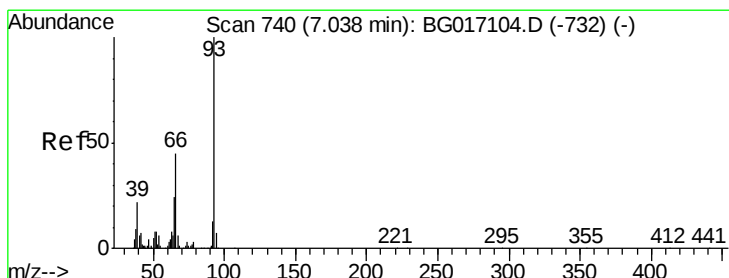
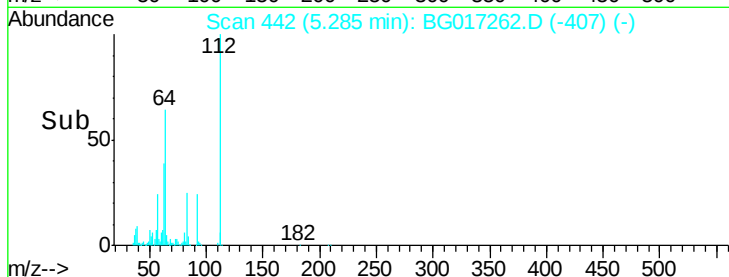
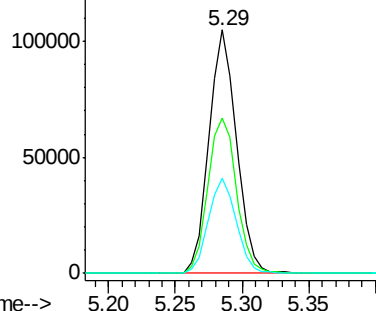
Tgt Ion:	112	Resp:	150287
Ion	Ratio	Lower	Upper
112	100		
64	63.8	48.1	72.1
63	38.9	29.8	44.8



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: 6.99 ng

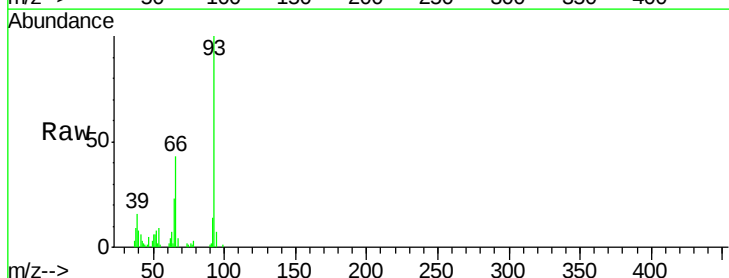
RT: 7.02 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

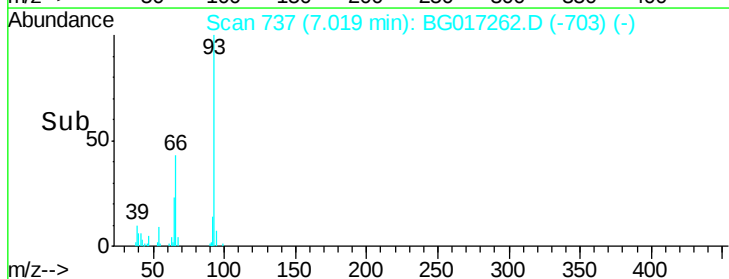
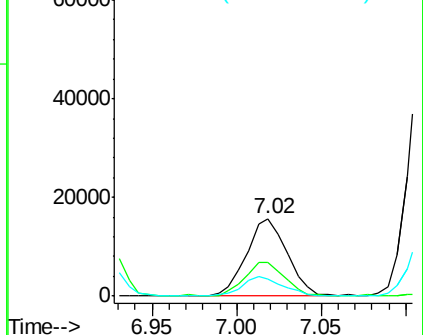
Tgt Ion:	93	Resp:	26432
Ion	Ratio	Lower	Upper
93	100		
66	43.5	35.8	53.8
65	22.6	19.2	28.8

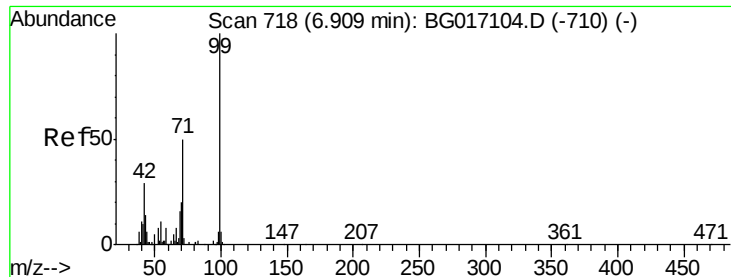


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 46.97 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

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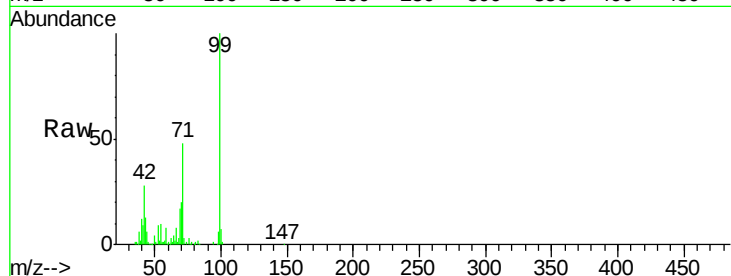
Tgt Ion: 99 Resp: 128340

Ion Ratio Lower Upper

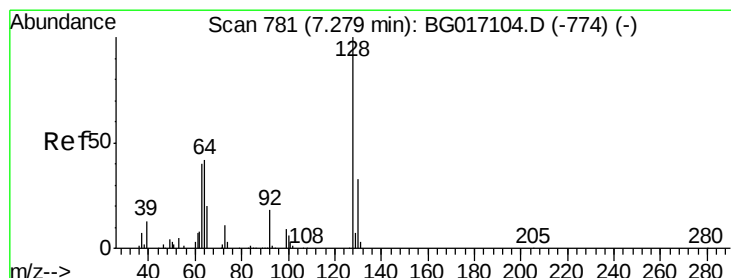
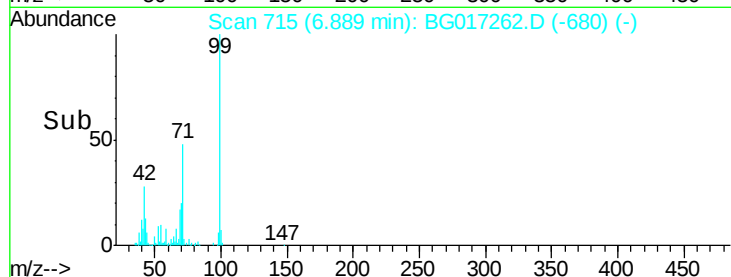
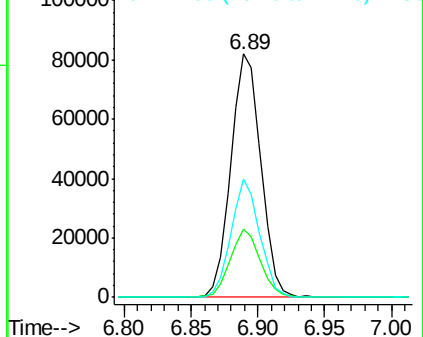
99 100

42 27.8 23.5 35.3

71 48.4 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: 41.44 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

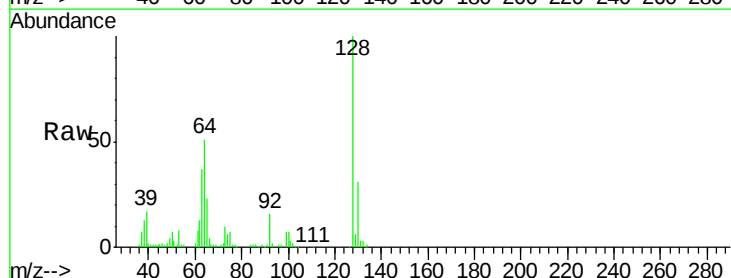
Tgt Ion: 128 Resp: 96537

Ion Ratio Lower Upper

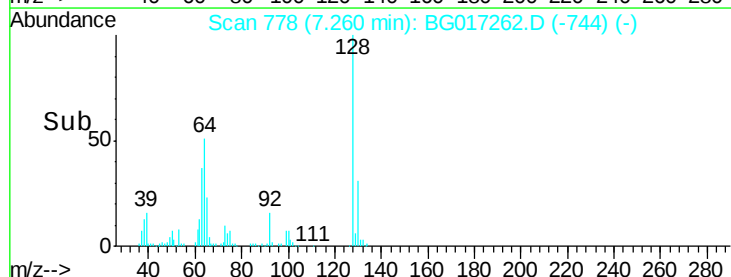
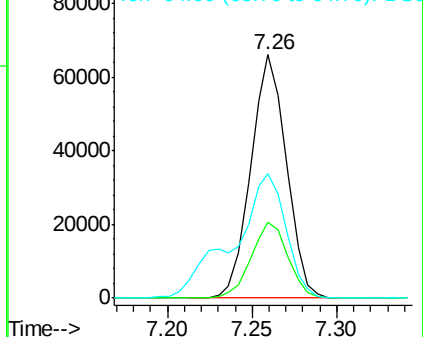
128 100

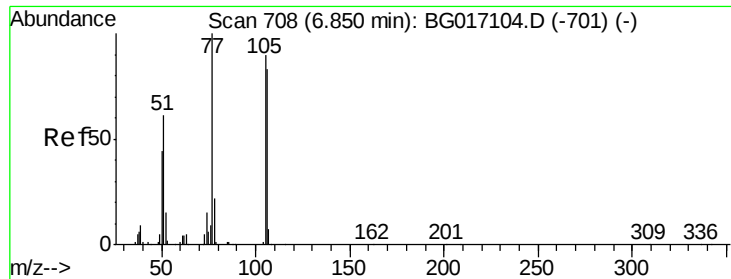
130 31.2 13.3 53.3

64 51.0 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: 8.53 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

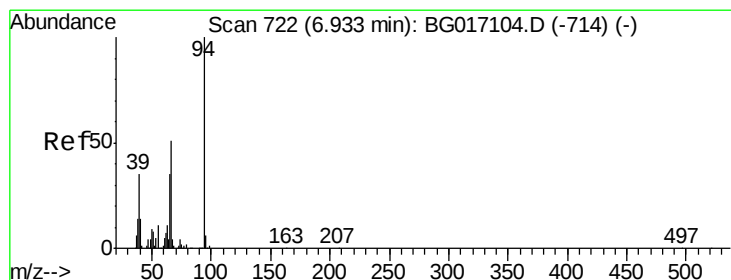
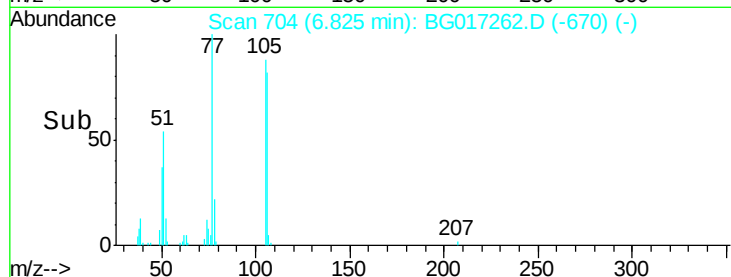
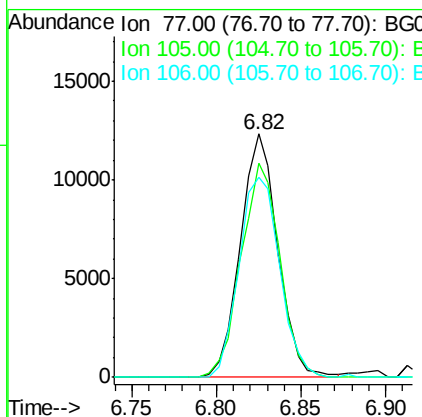
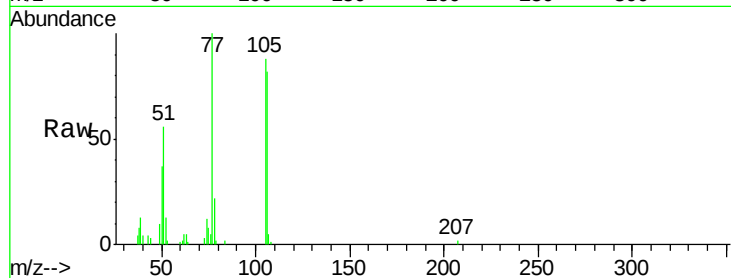
Instrument :

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Tgt Ion:	77	Resp:	19034
Ion	Ratio	Lower	Upper
77	100		
105	88.1	69.5	109.5
106	82.1	63.4	103.4



#10

Phenol

Concen: 17.10 ng

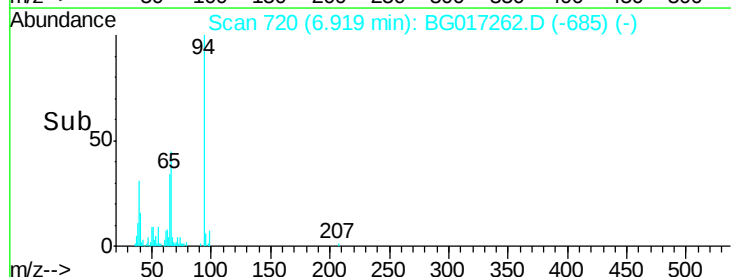
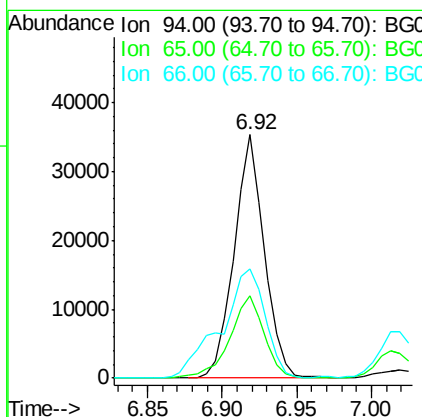
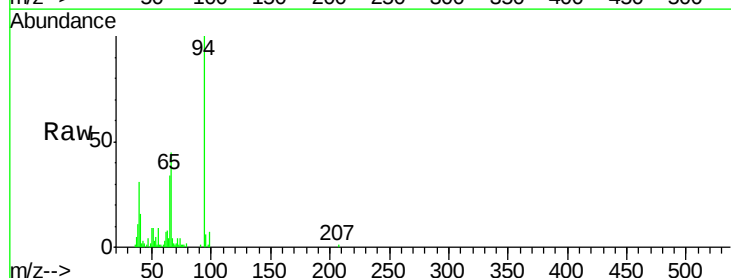
RT: 6.92 min Scan# 720

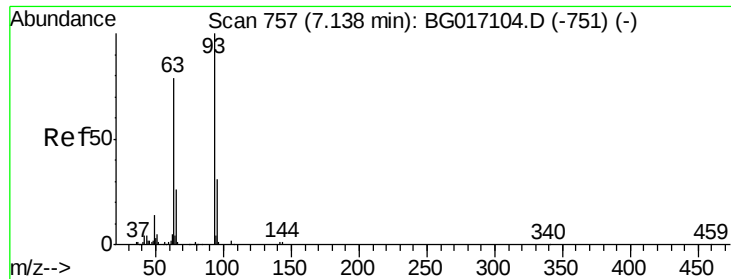
Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Tgt Ion:	94	Resp:	49559
Ion	Ratio	Lower	Upper
94	100		
65	33.8	15.0	55.0
66	44.8	32.1	72.1

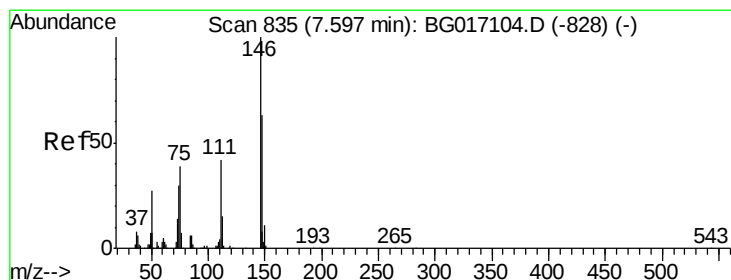
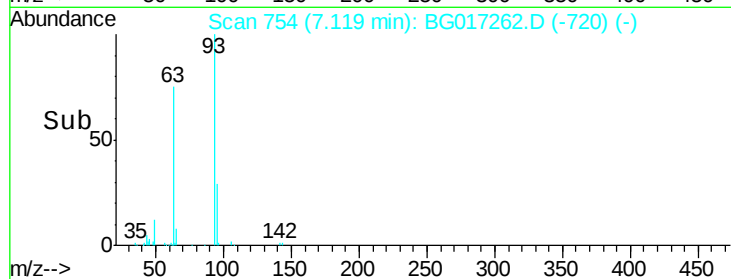
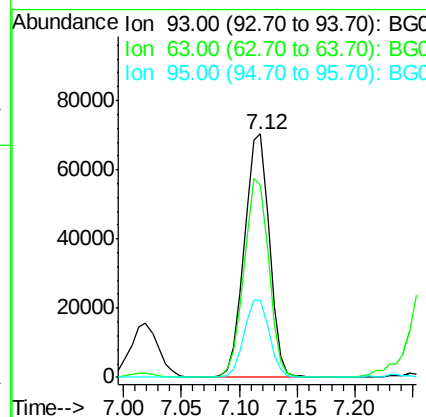
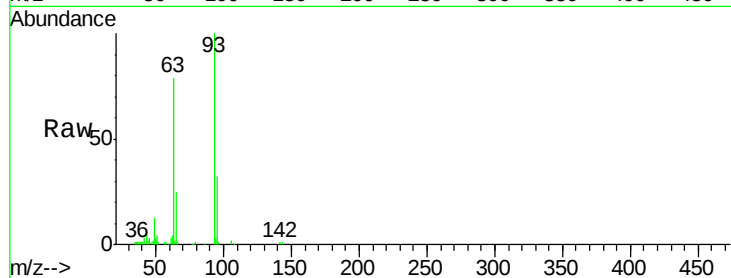




#11
 bis(2-Chloroethyl)ether
 Concen: 48.64 ng
 RT: 7.12 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

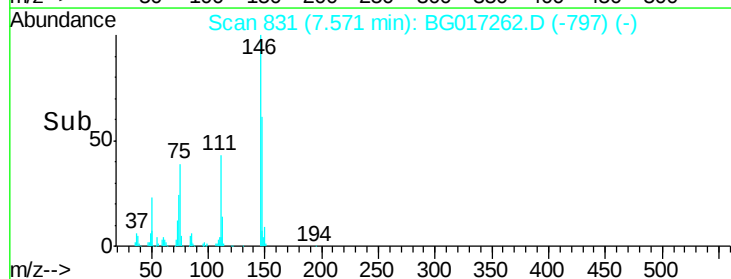
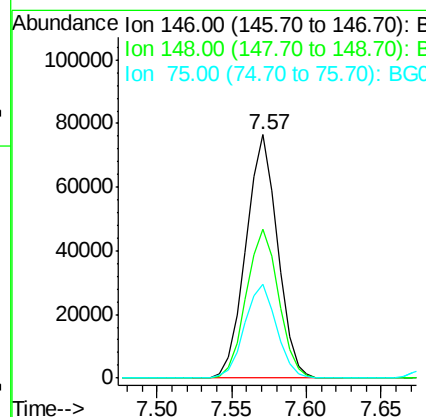
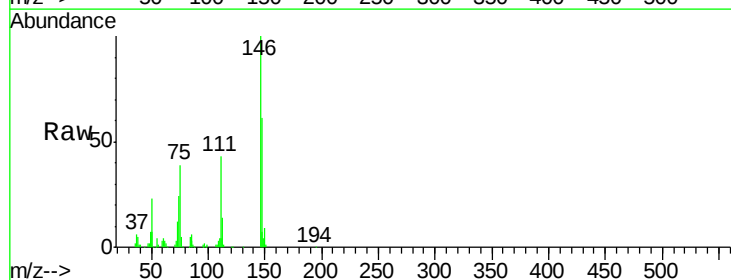
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

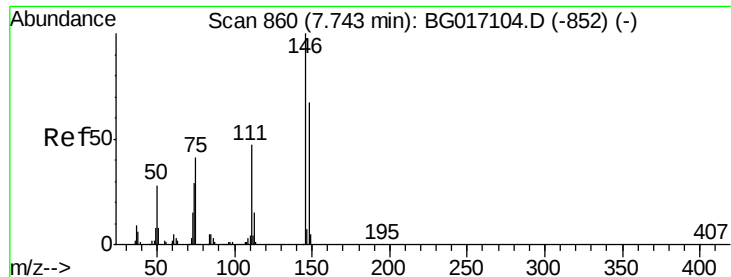
Tgt Ion:	93	Resp:	105695
Ion	Ratio	Lower	Upper
93	100		
63	78.8	58.5	98.5
95	31.7	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 43.04 ng
 RT: 7.57 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion:	146	Resp:	111969
Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.6	75.8
75	38.6	31.4	47.2

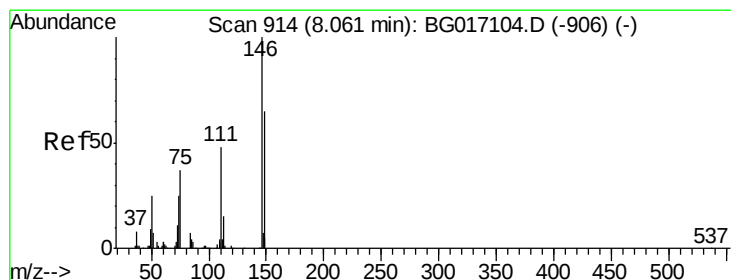
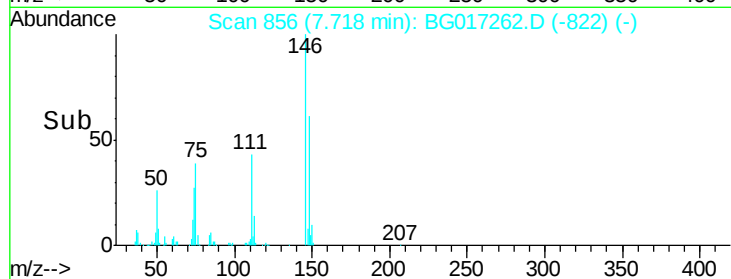
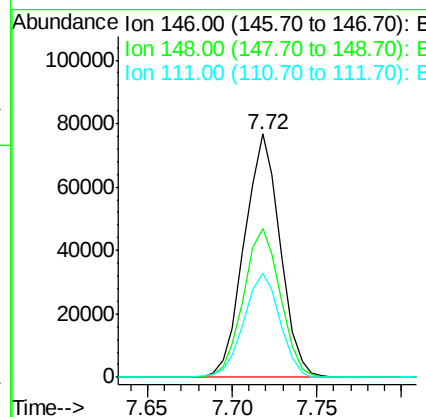
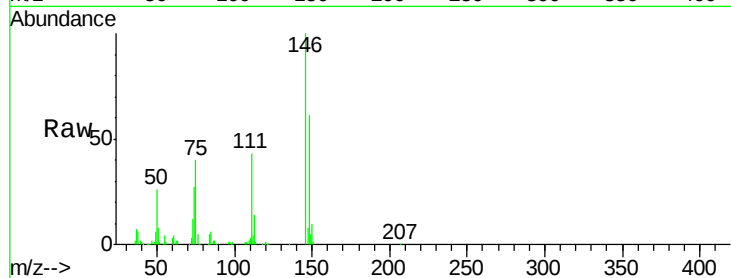




#13
 1,4-Dichlorobenzene
 Concen: 43.17 ng
 RT: 7.72 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

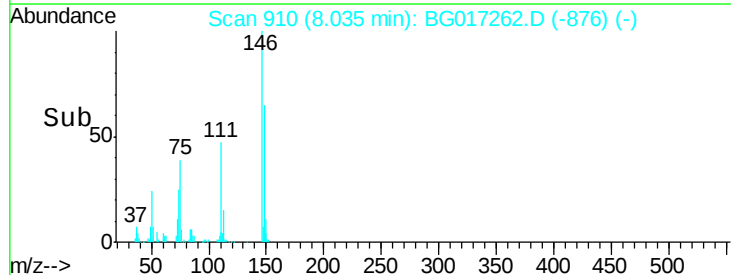
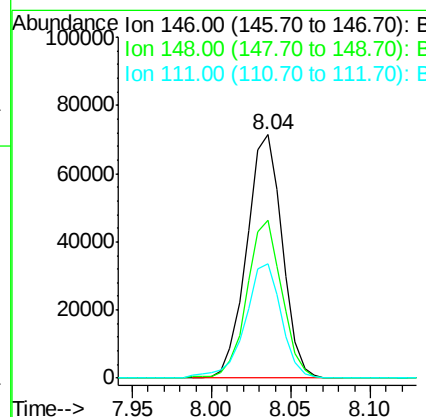
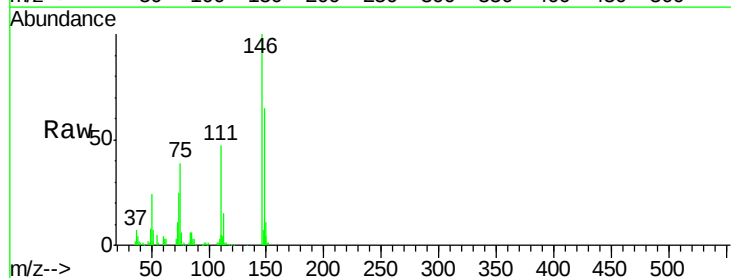
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

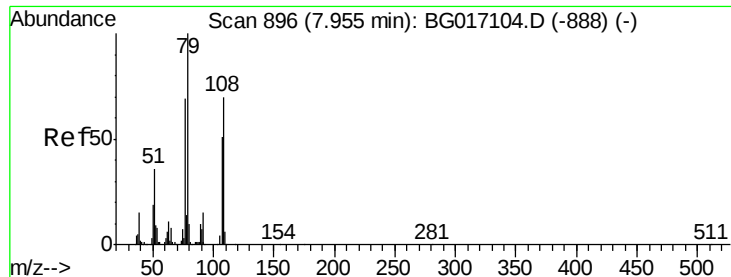
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	53.9	80.9
111	42.5	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 44.26 ng
 RT: 8.04 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	46.9	39.0	58.4





#15

Benzyl Alcohol

Concen: 26.55 ng

RT: 7.93 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

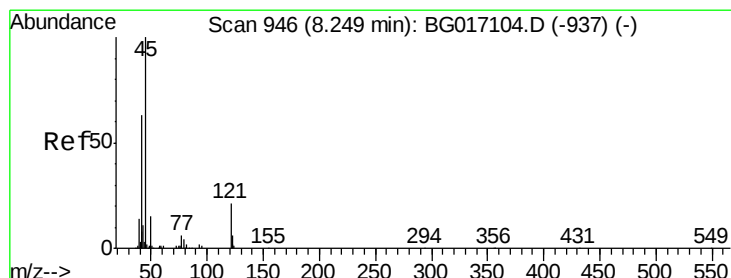
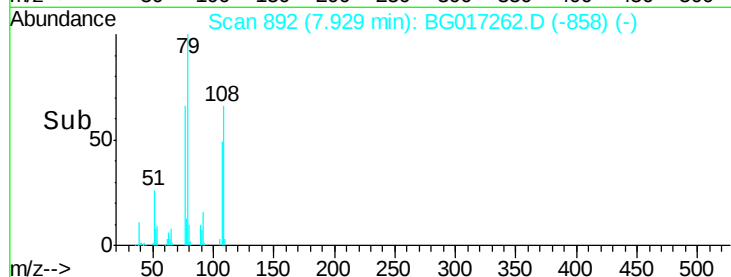
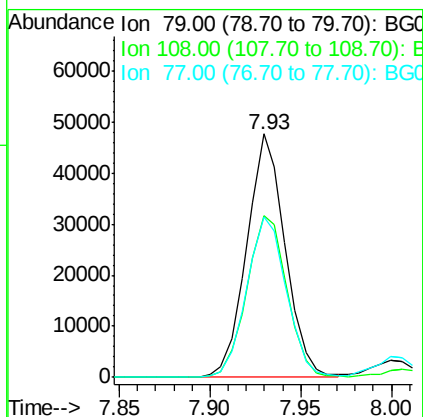
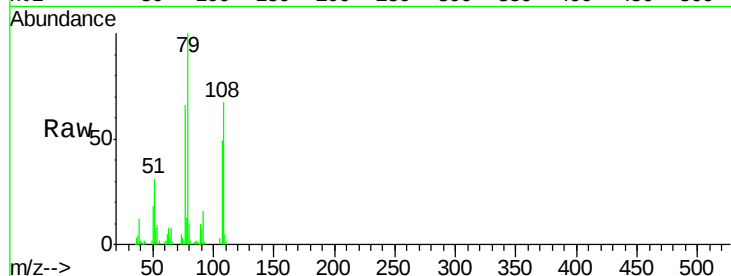
Tgt Ion: 79 Resp: 70501

Ion Ratio Lower Upper

79 100

108 66.6 55.8 83.6

77 65.7 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.47 ng

RT: 8.22 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

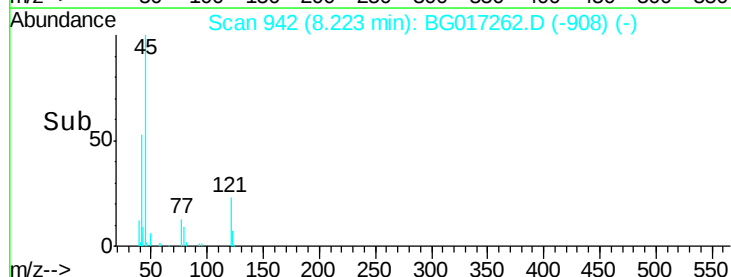
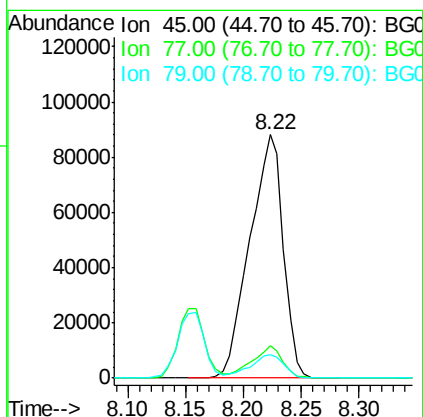
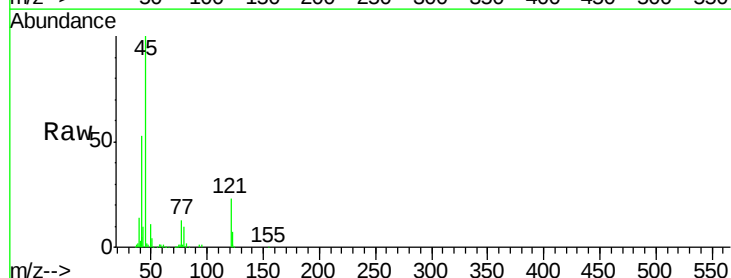
Tgt Ion: 45 Resp: 177813

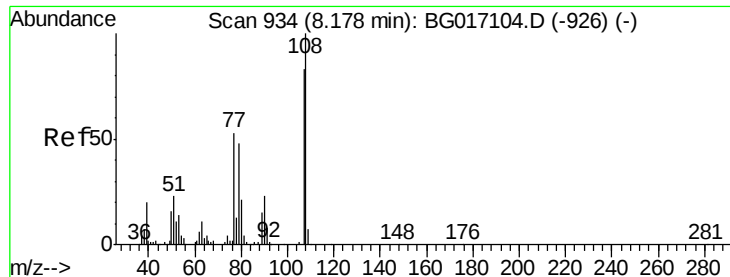
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.5

79 9.7 0.0 29.4

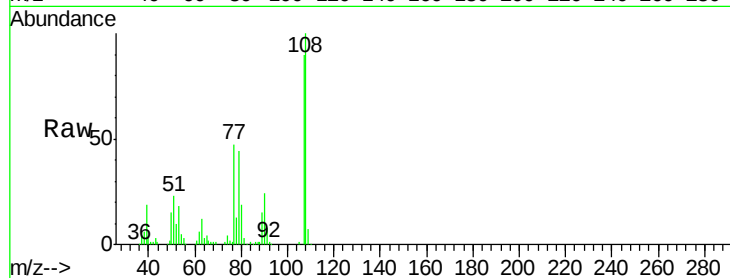




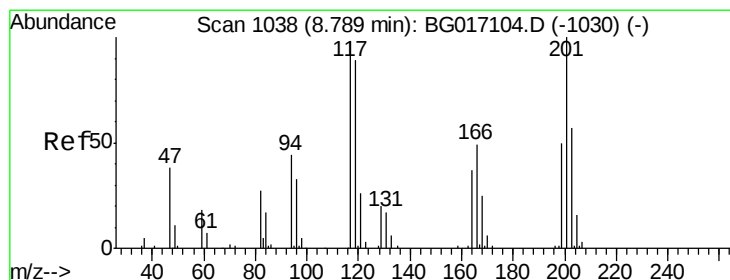
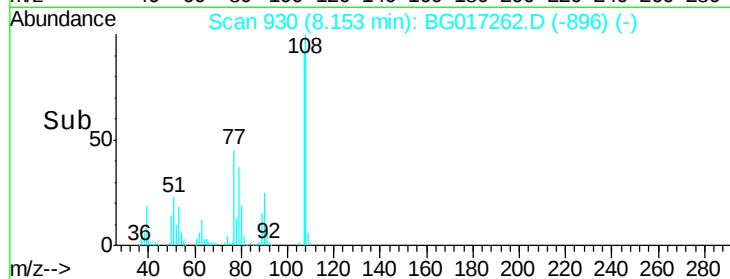
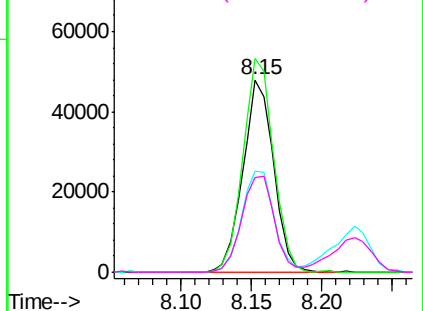
#17
2-Methylphenol
Concen: 34.70 ng
RT: 8.15 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

Tgt Ion:	107	Resp:	72917
Ion	Ratio	Lower	Upper
107	100		
108	110.9	96.6	144.8
77	52.7	51.2	76.8
79	48.9	45.9	68.9

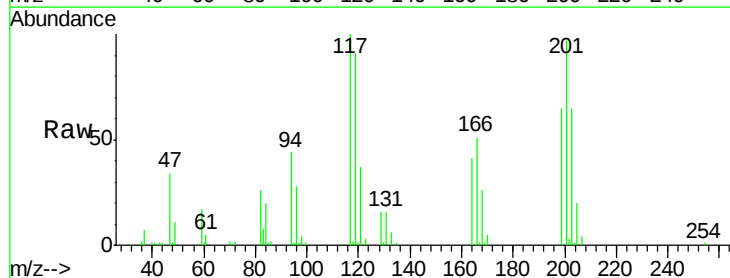


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

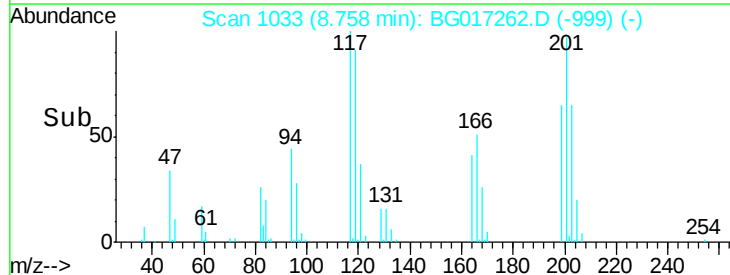
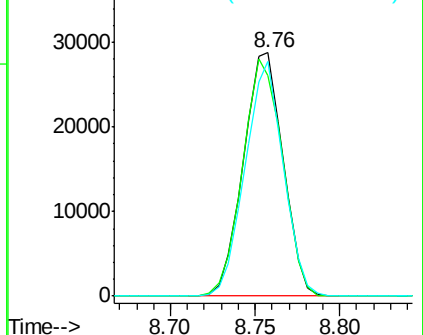


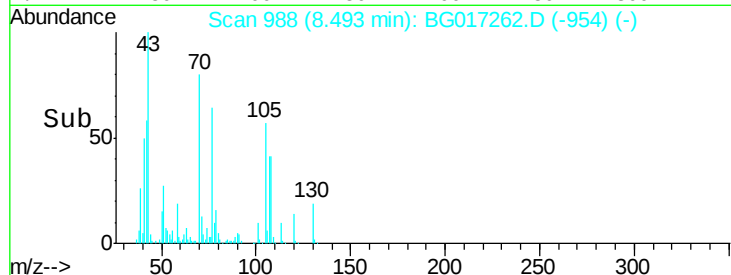
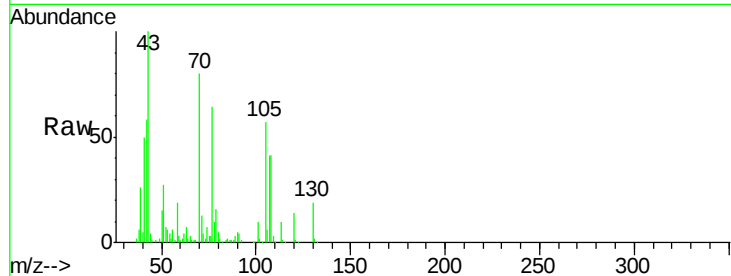
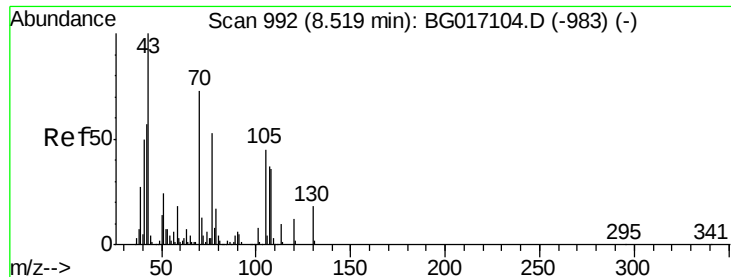
#18
Hexachloroethane
Concen: 43.00 ng
RT: 8.76 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:	117	Resp:	47168
Ion	Ratio	Lower	Upper
117	100		
119	90.5	73.0	109.6
201	96.6	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

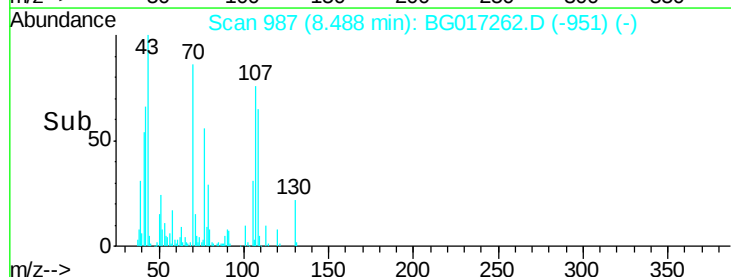
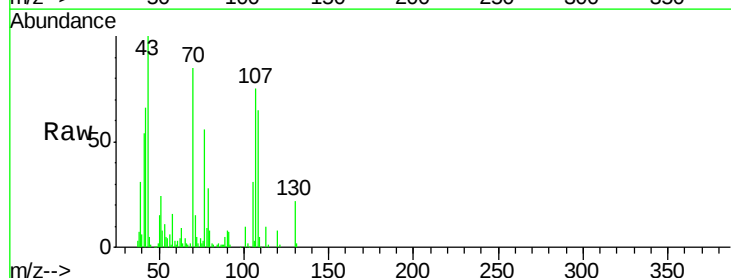
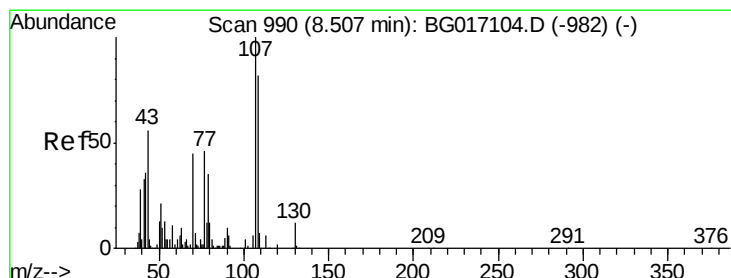
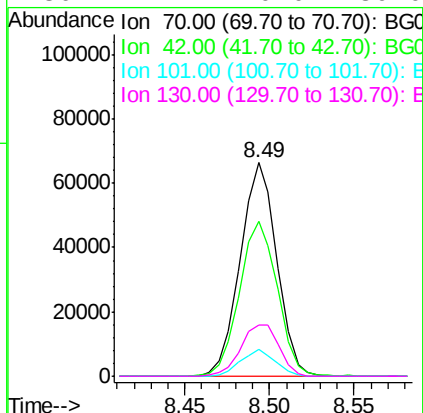




#19
n-Nitroso-di-n-propylamine
Concen: 41.92 ng
RT: 8.49 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

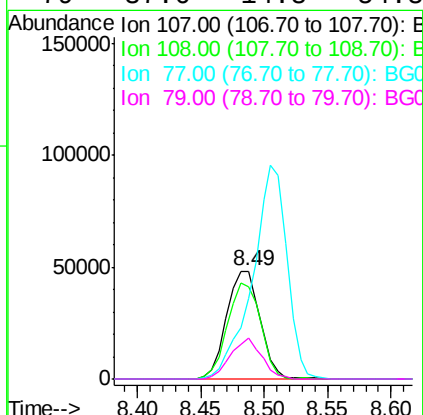
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

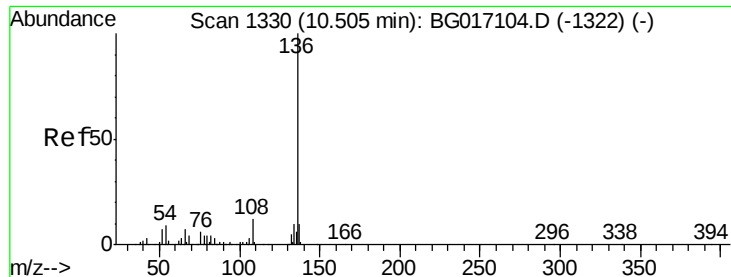
Tgt Ion:	70	Resp:	99809
Ion	Ratio	Lower	Upper
70	100		
42	72.8	62.6	94.0
101	12.6	9.0	13.4
130	24.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 30.17 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:	107	Resp:	88104
Ion	Ratio	Lower	Upper
107	100		
108	85.5	62.2	102.2
77	74.3	26.0	66.0#
79	37.6	14.8	54.8

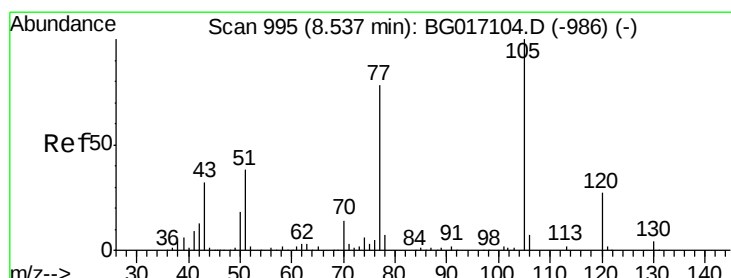
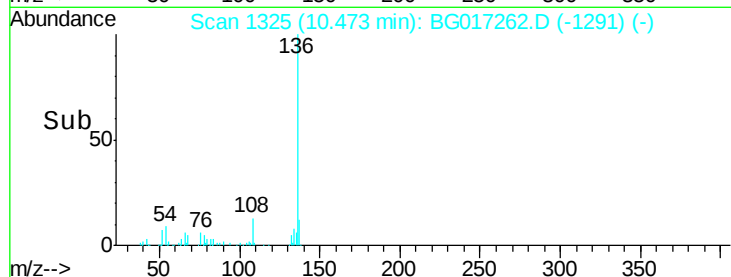
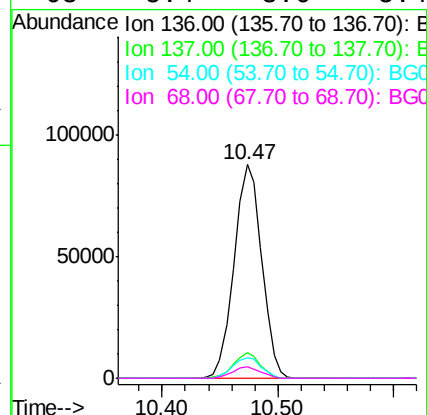
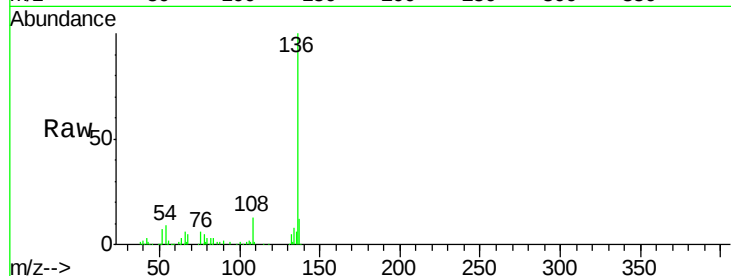




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

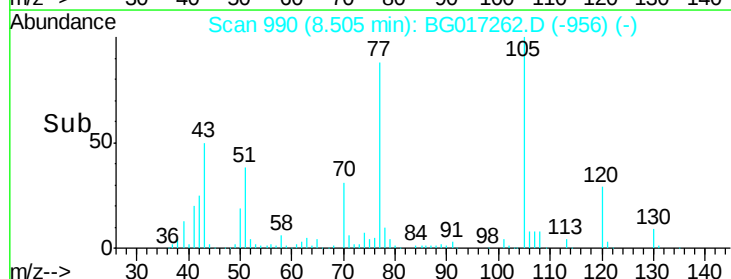
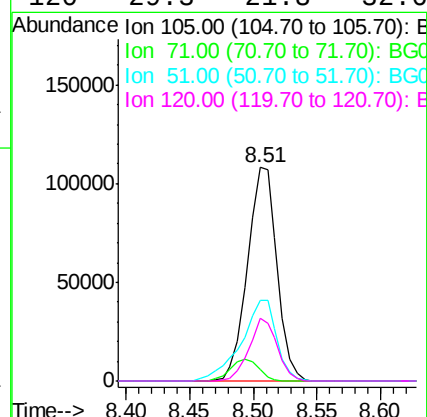
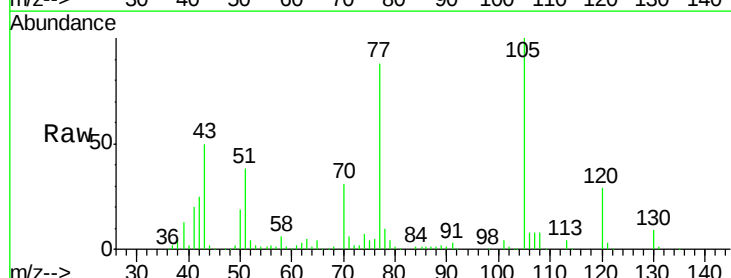
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

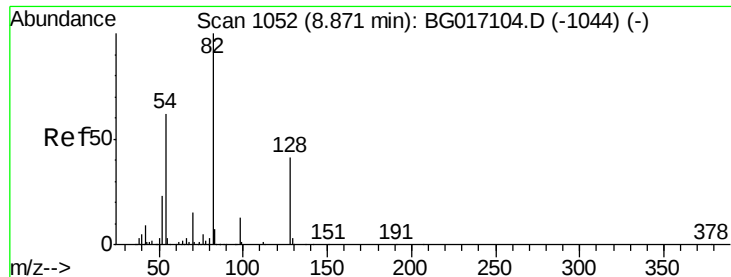
Tgt Ion:	136	Resp:	144958
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.3	12.5
54	9.4	7.4	11.2
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 49.72 ng
RT: 8.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:	105	Resp:	174909
Ion Ratio	Lower	Upper	
105	100		
71	5.7	2.2	3.4#
51	38.0	32.8	49.2
120	29.3	21.8	32.6

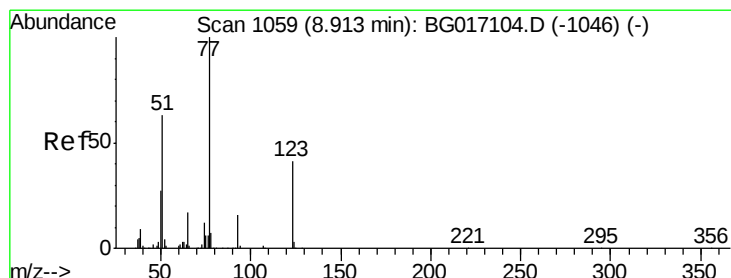
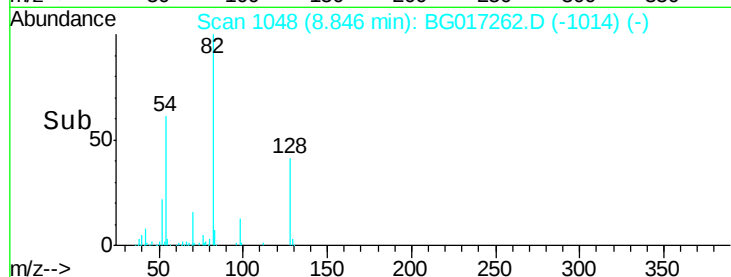
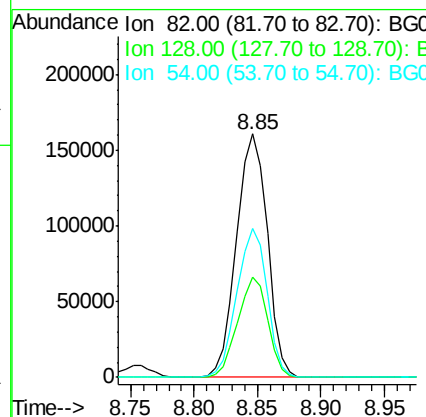
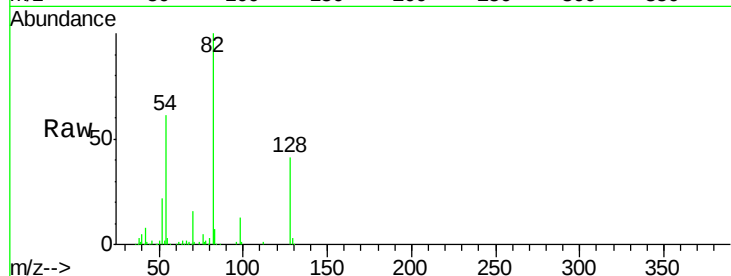




#23
 Nitrobenzene-d5
 Concen: 87.18 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

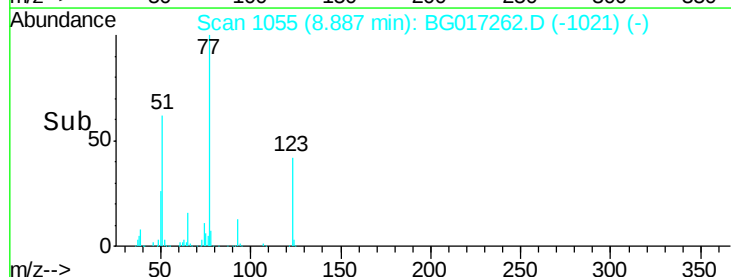
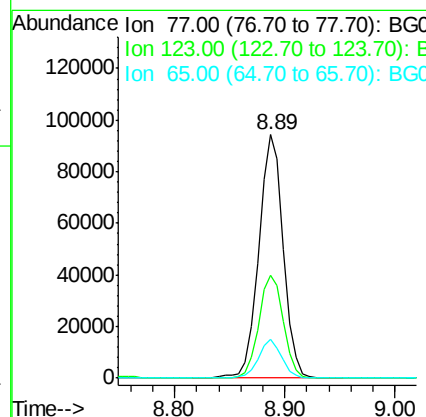
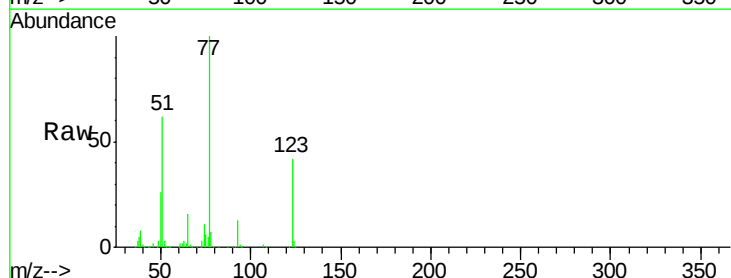
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

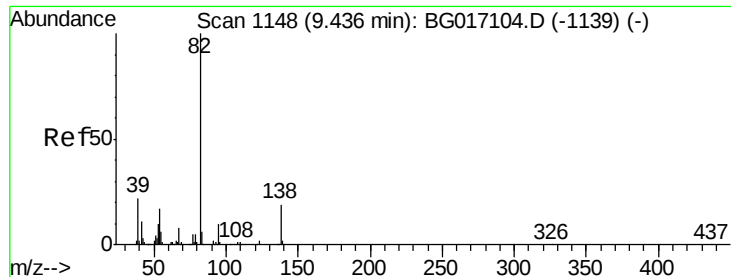
Tgt Ion: 82 Resp: 270670
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.6 49.0
 54 61.2 49.6 74.4



#24
 Nitrobenzene
 Concen: 48.04 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion: 77 Resp: 145934
 Ion Ratio Lower Upper
 77 100
 123 42.2 33.0 49.4
 65 16.1 13.3 19.9





#25

Isophorone

Concen: 45.60 ng

RT: 9.41 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

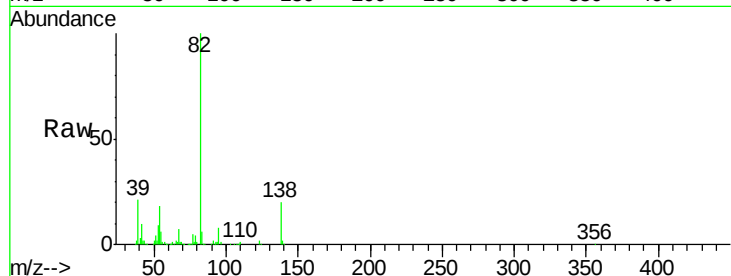
Tgt Ion: 82 Resp: 260956

Ion Ratio Lower Upper

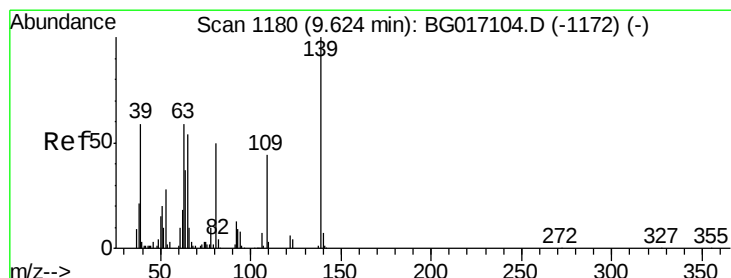
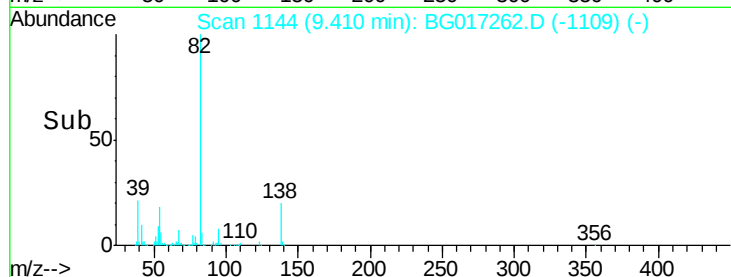
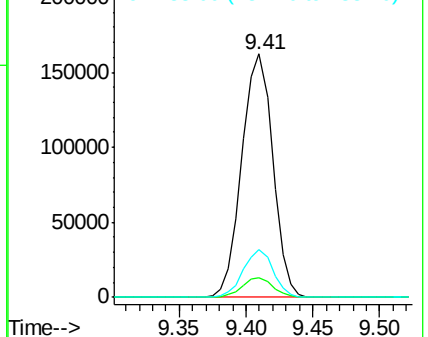
82 100

95 8.0 7.7 11.5

138 19.6 15.0 22.6



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: 48.06 ng

RT: 9.59 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

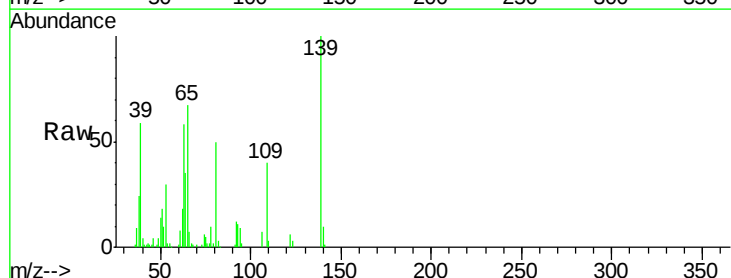
Tgt Ion: 139 Resp: 65268

Ion Ratio Lower Upper

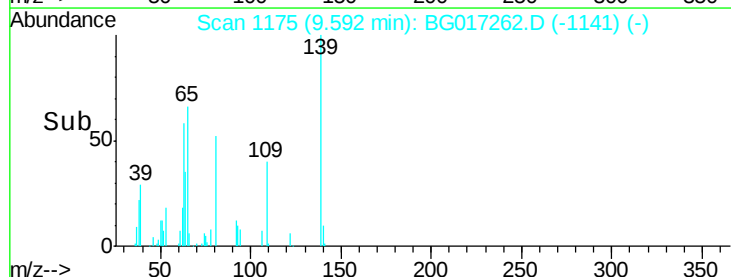
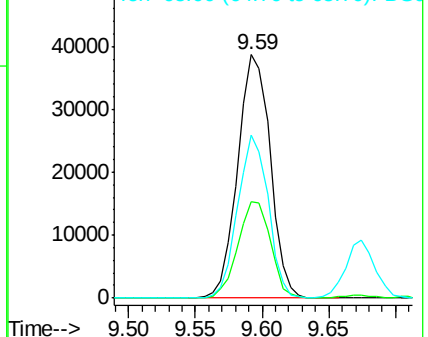
139 100

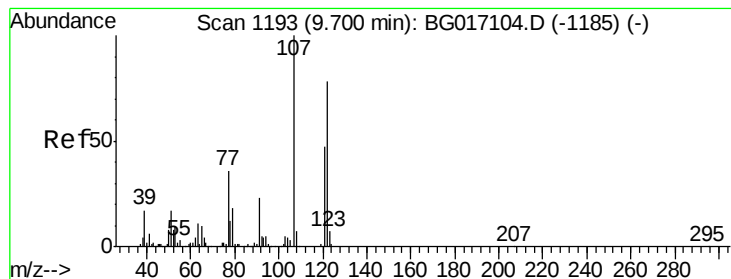
109 39.8 34.9 52.3

65 66.7 43.0 64.4#



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: 45.33 ng

RT: 9.67 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampled :

VE4-11MSD

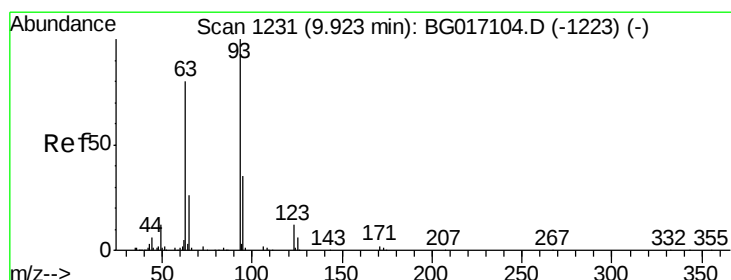
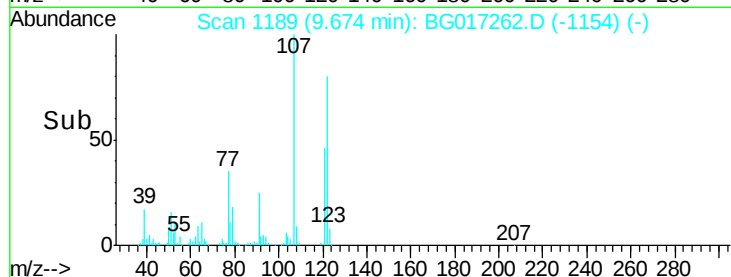
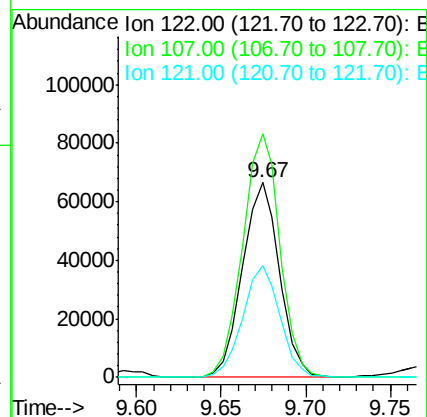
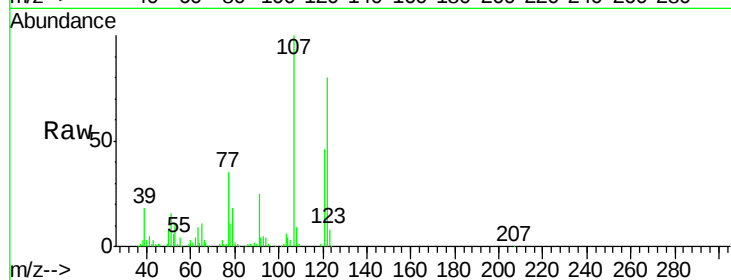
Tgt Ion:122 Resp: 101320

Ion Ratio Lower Upper

122 100

107 125.1 102.3 153.5

121 57.3 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.63 ng

RT: 9.90 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

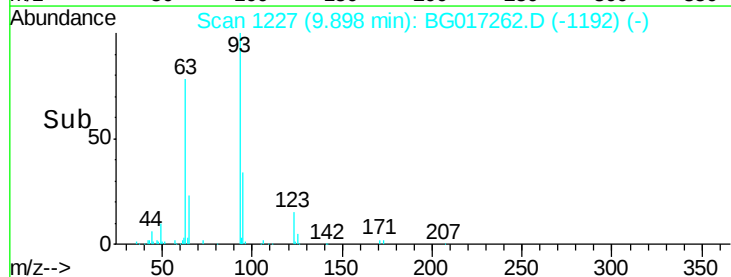
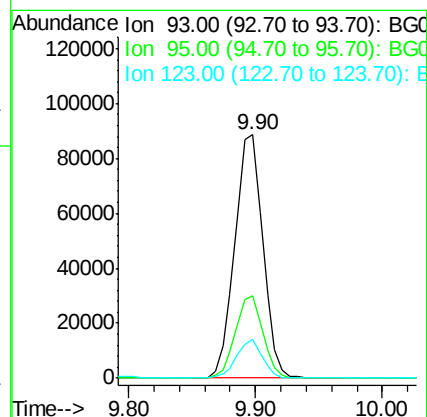
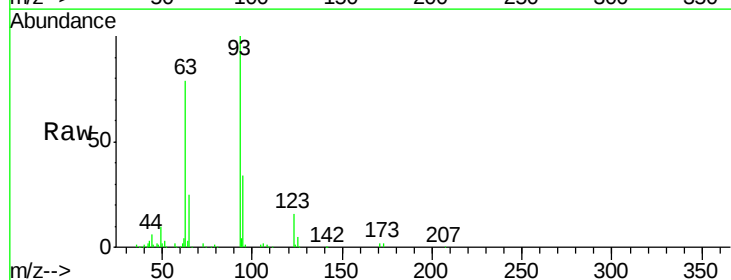
Tgt Ion: 93 Resp: 135511

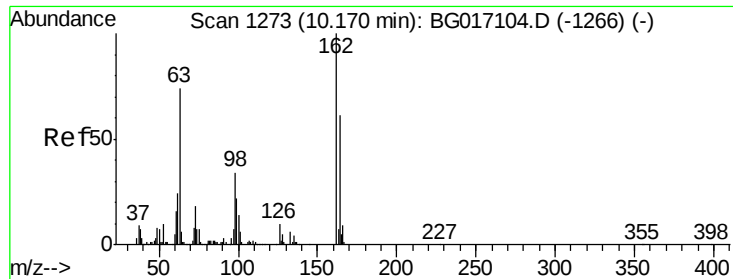
Ion Ratio Lower Upper

93 100

95 33.8 28.0 42.0

123 15.8 10.3 15.5#





#29

2,4-Dichlorophenol

Concen: 49.53 ng

RT: 10.14 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

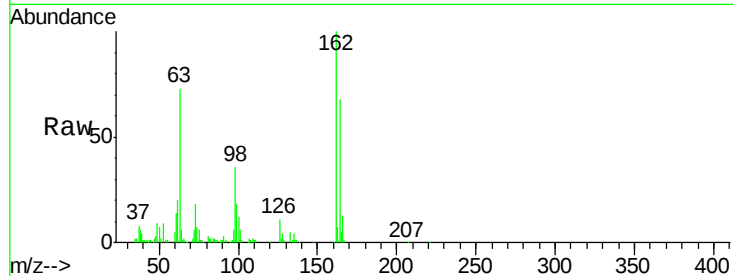
Tgt Ion:162 Resp: 104448

Ion Ratio Lower Upper

162 100

164 68.4 41.4 81.4

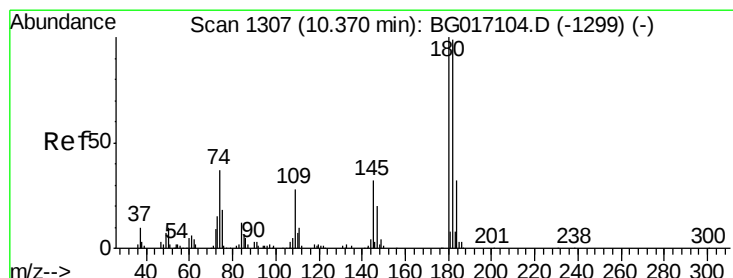
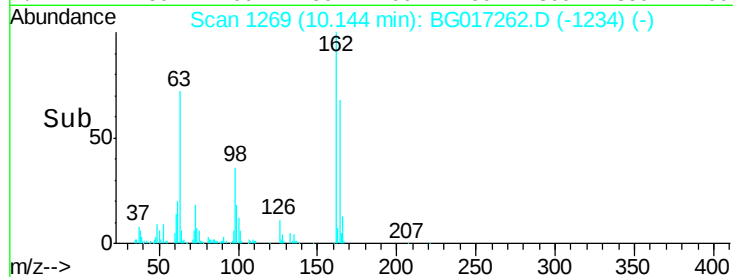
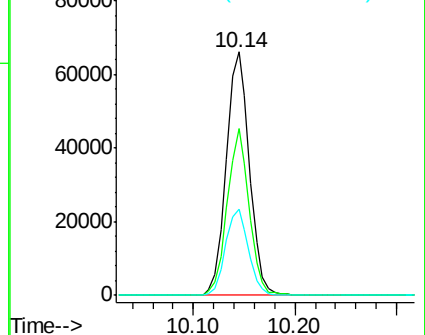
98 35.6 14.3 54.3



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): B



#30

1,2,4-Trichlorobenzene

Concen: 47.25 ng

RT: 10.34 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

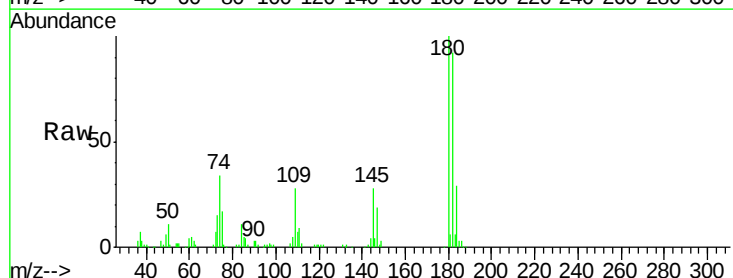
Tgt Ion:180 Resp: 113026

Ion Ratio Lower Upper

180 100

182 92.3 79.4 119.0

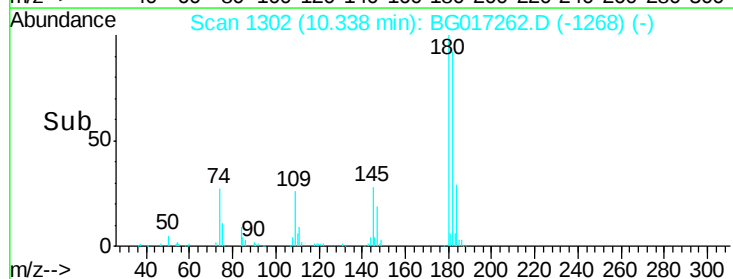
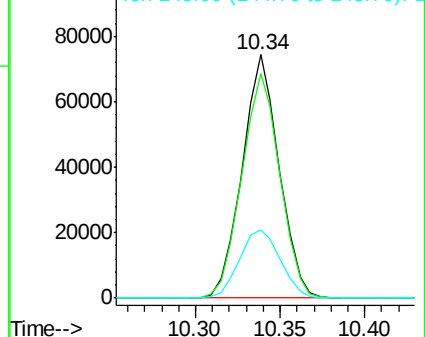
145 28.1 25.3 37.9

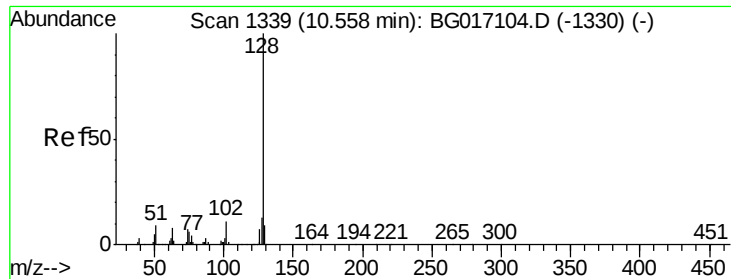


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

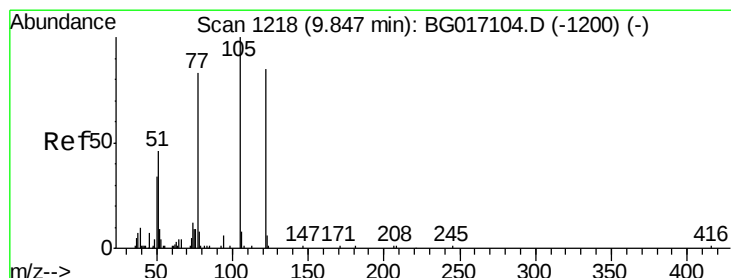
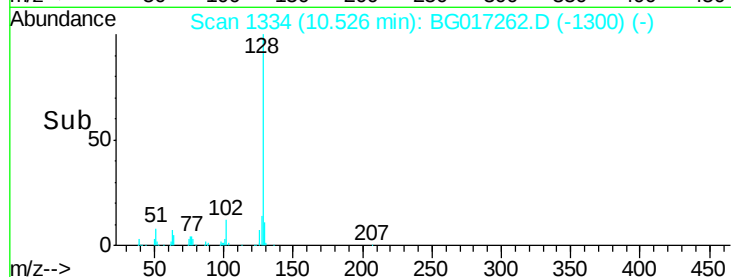
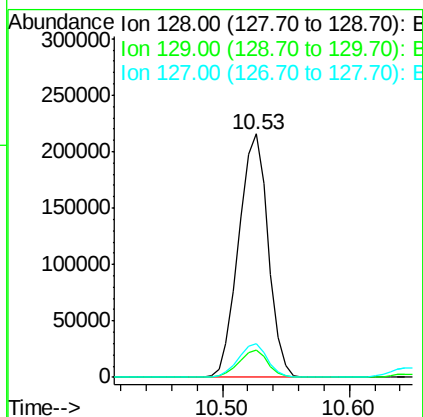
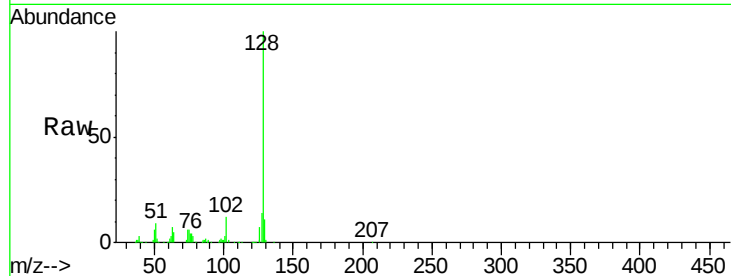




#31
Naphthalene
Concen: 48.86 ng
RT: 10.53 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

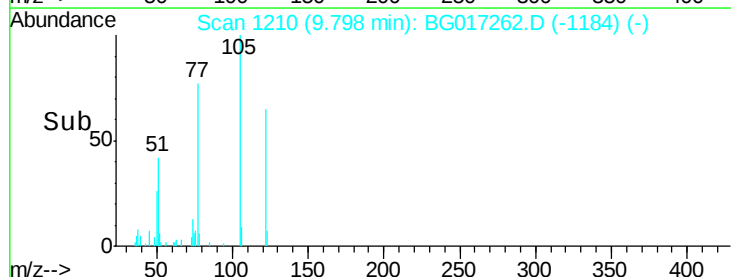
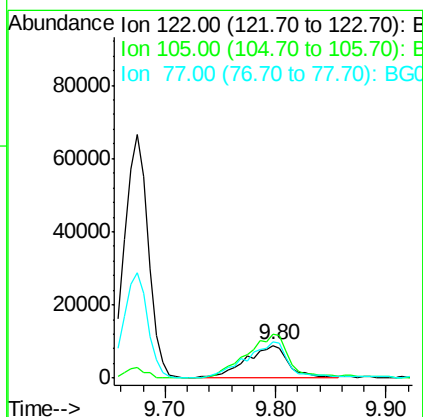
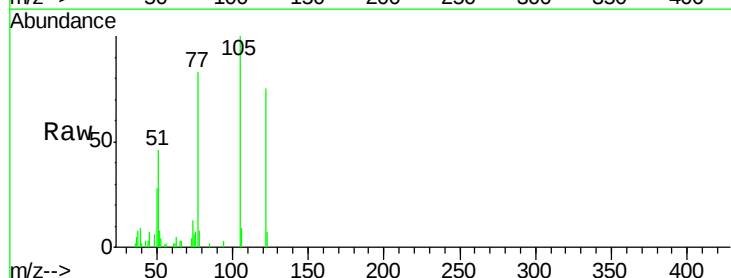
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

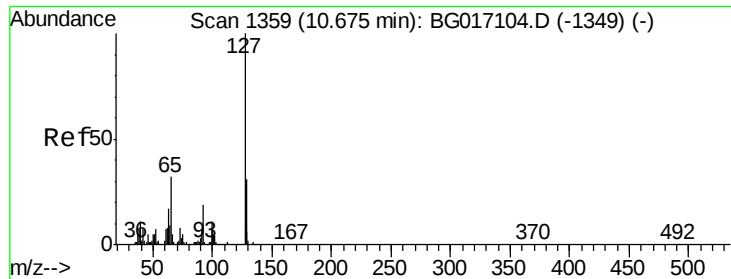
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	7.6	11.4
127	13.7	10.6	16.0



#32
Benzoic acid
Concen: 15.36 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.05 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	96.7	136.7
77	110.6	78.5	118.5

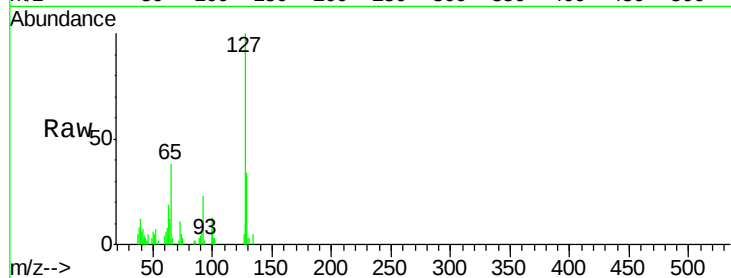




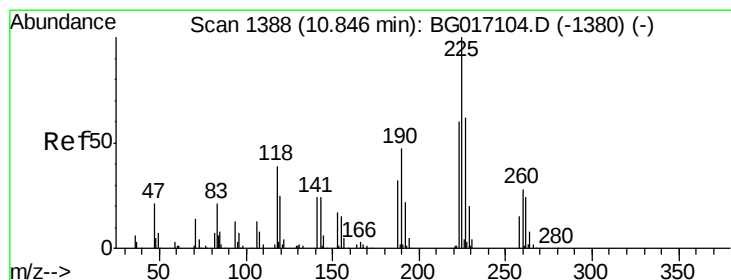
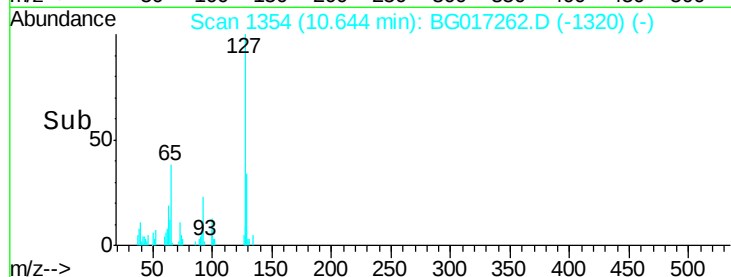
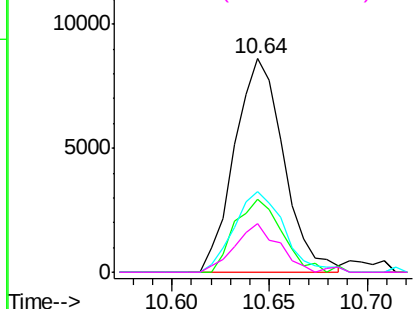
#33
4-Chloroaniline
Concen: 4.48 ng
RT: 10.64 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

Tgt Ion:	127	Resp:	15017
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.8	37.2
65	38.1	25.8	38.6
92	22.6	15.0	22.4#

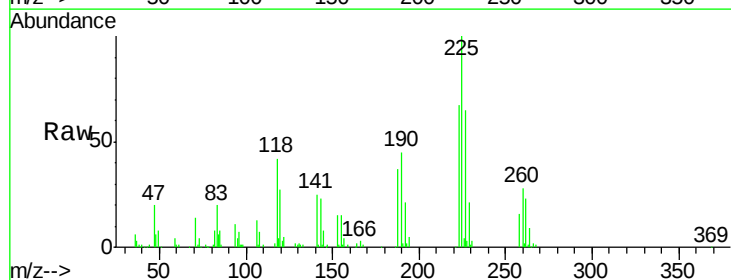


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

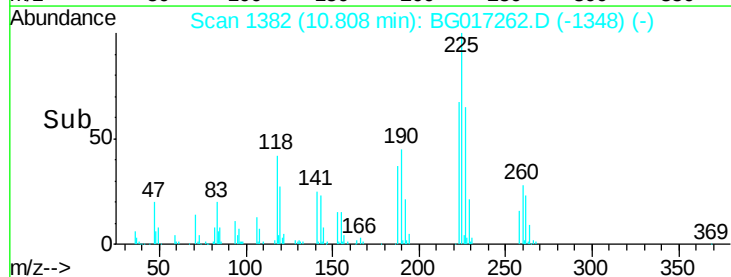
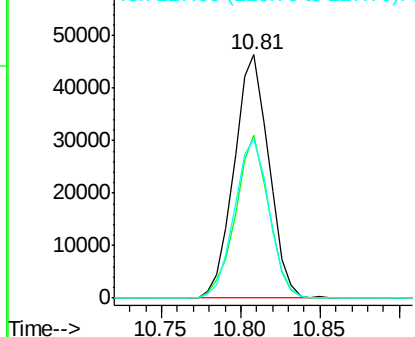


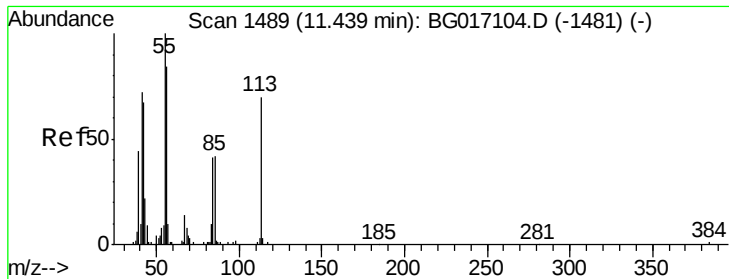
#34
Hexachlorobutadiene
Concen: 46.40 ng
RT: 10.81 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:	225	Resp:	70284
Ion	Ratio	Lower	Upper
225	100		
223	66.7	48.3	72.5
227	65.5	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

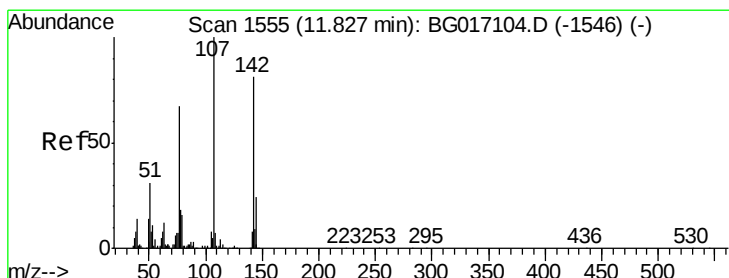
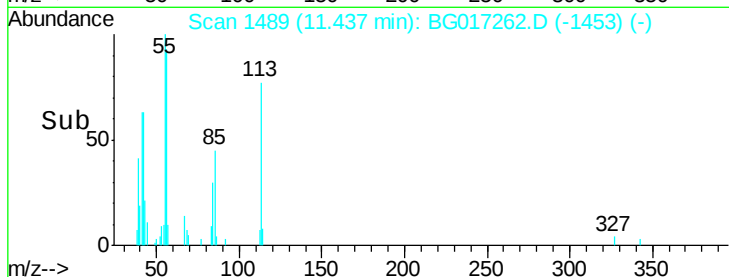
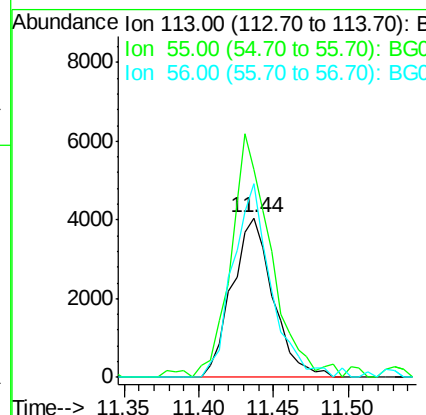
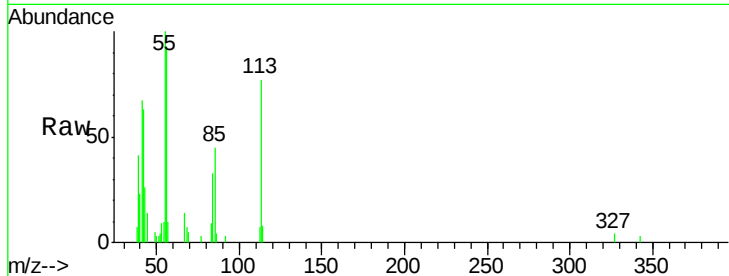




#35
 Caprolactam
 Concen: 7.31 ng
 RT: 11.44 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

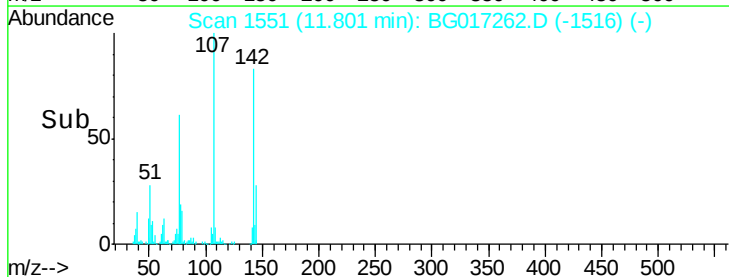
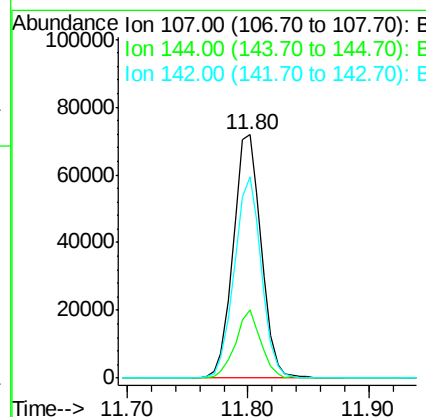
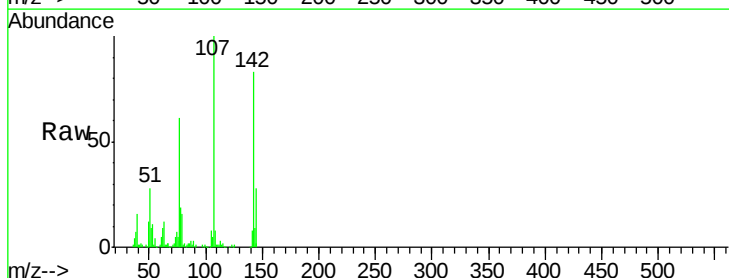
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

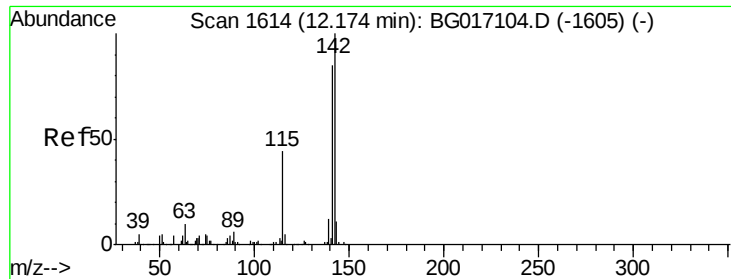
Tgt Ion:113 Resp: 7749
 Ion Ratio Lower Upper
 113 100
 55 130.3 124.1 164.1
 56 121.8 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.34 ng
 RT: 11.80 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion:107 Resp: 115464
 Ion Ratio Lower Upper
 107 100
 144 28.0 19.6 29.4
 142 82.8 64.9 97.3

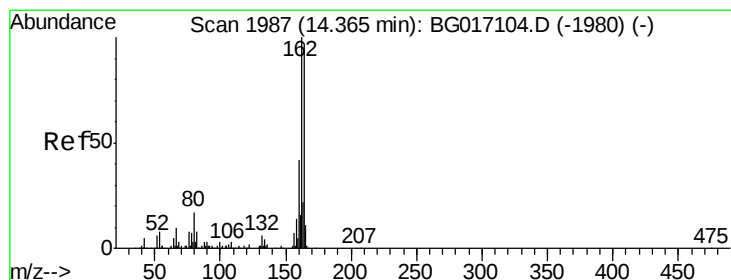
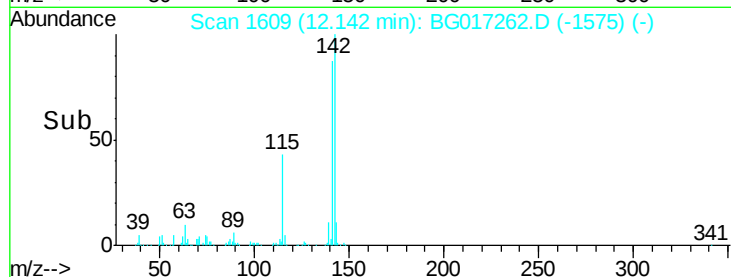
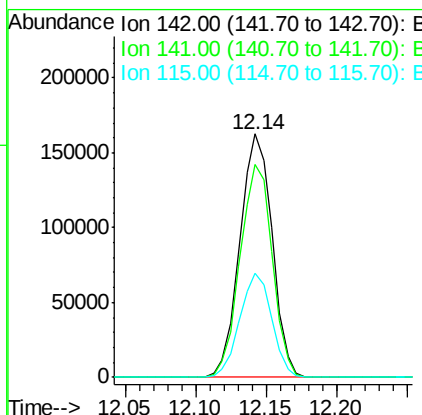
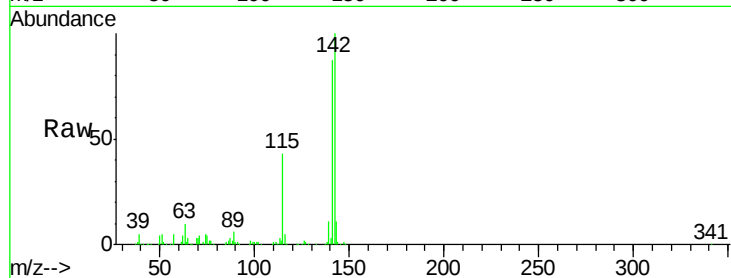




#37
 2-Methylnaphthalene
 Concen: 46.33 ng
 RT: 12.14 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

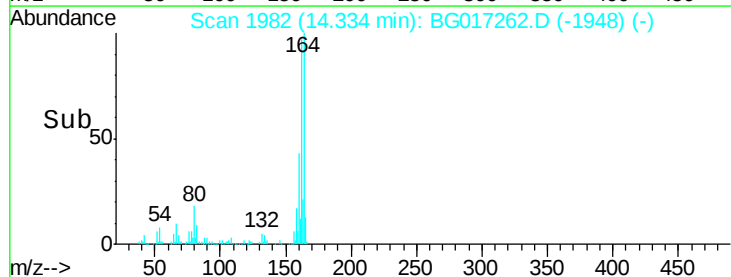
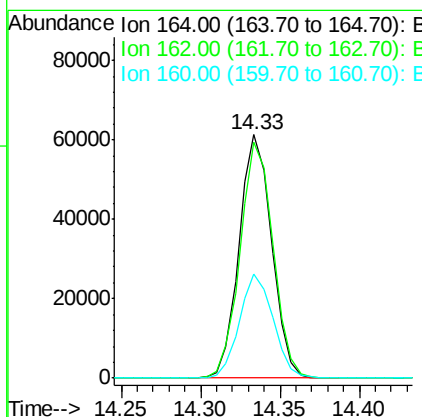
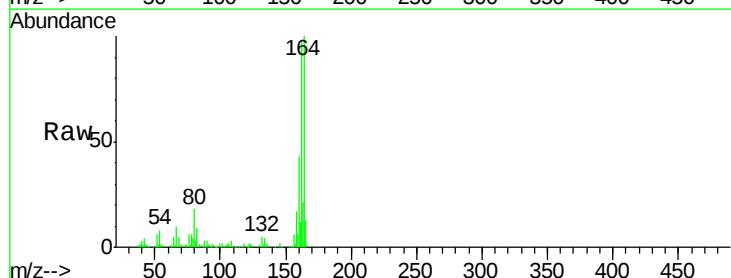
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

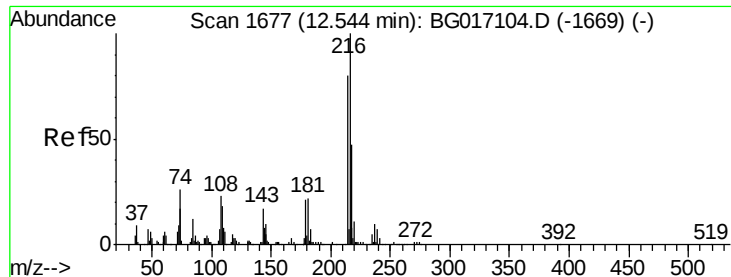
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	68.2	102.2
115	42.8	35.6	53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	82.1	123.1
160	42.7	34.8	52.2

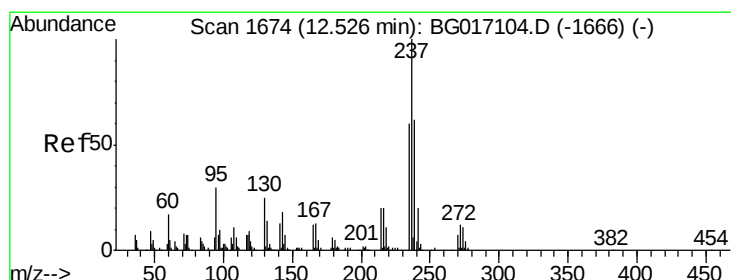
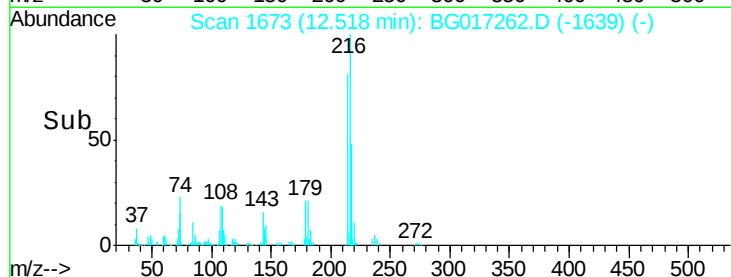
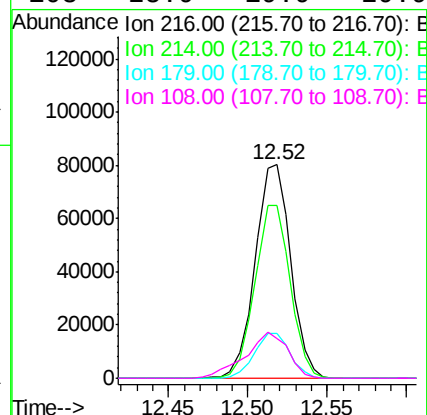
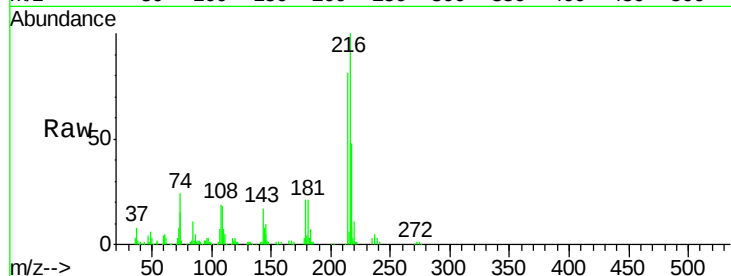




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.78 ng
 RT: 12.52 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

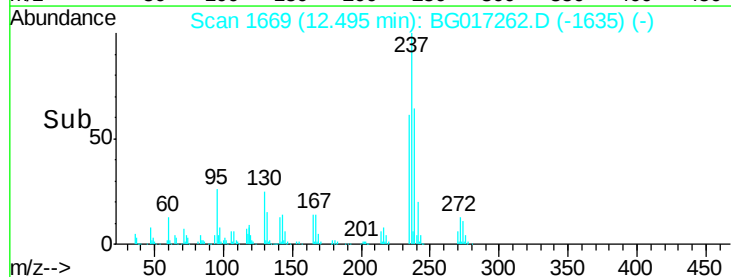
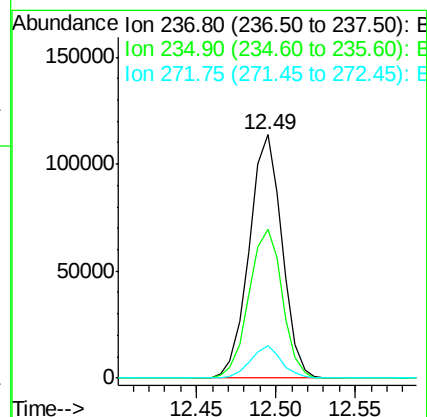
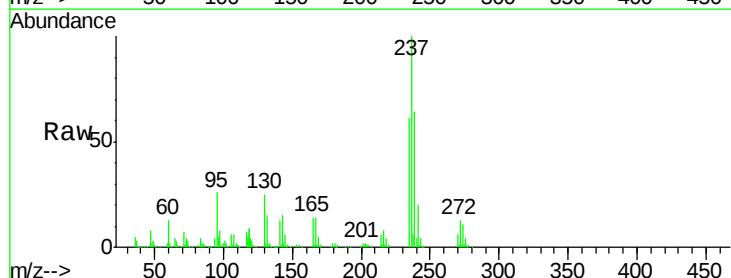
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

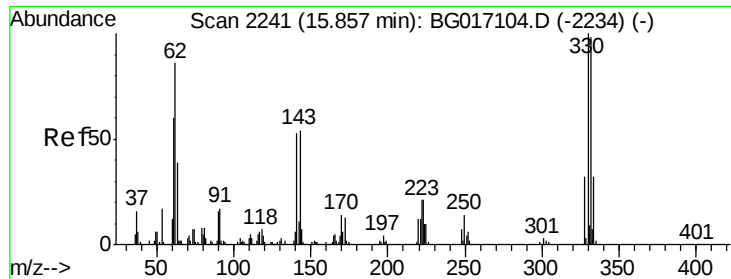
Tgt Ion:	216	Resp:	125025
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.3	94.9
179	21.5	17.8	26.8
108	25.9	19.9	29.9



#40
 Hexachlorocyclopentadiene
 Concen: 108.57 ng
 RT: 12.49 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion:	237	Resp:	163064
Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.7	79.7
272	13.5	0.0	32.1

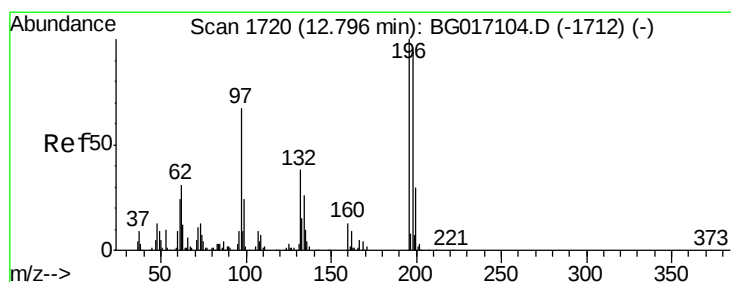
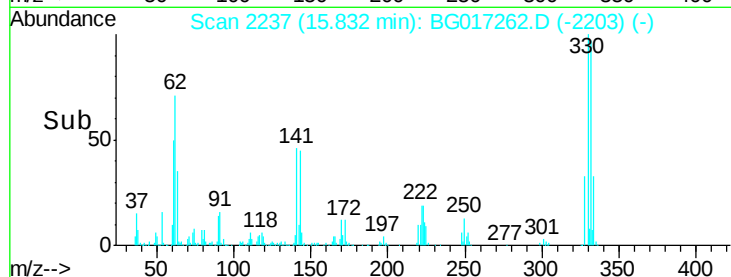
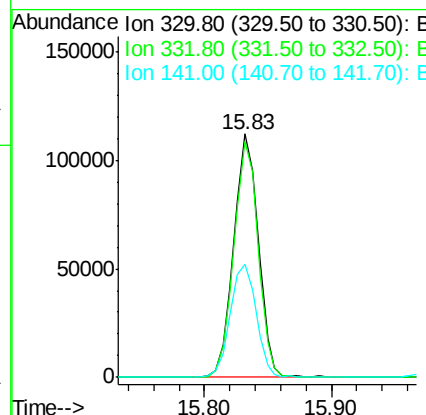
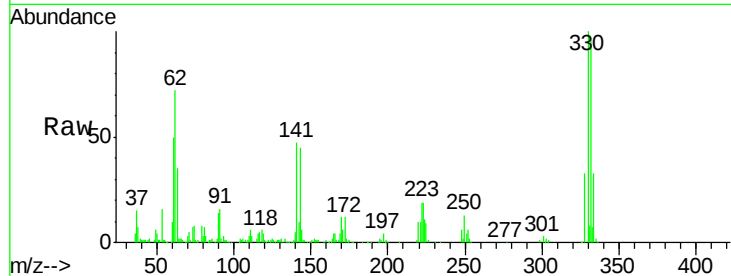




#41
 2,4,6-Tribromophenol
 Concen: 142.59 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

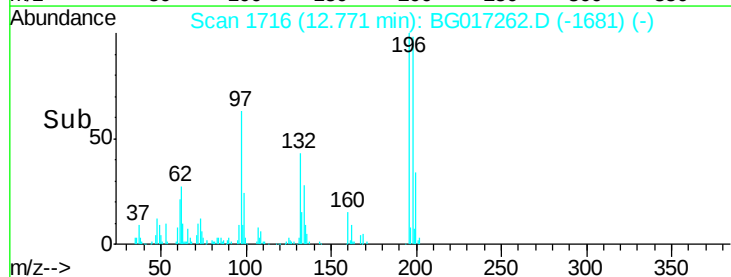
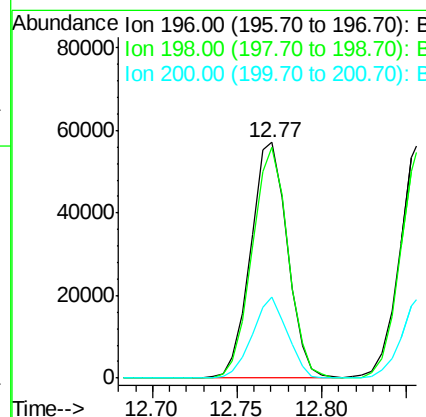
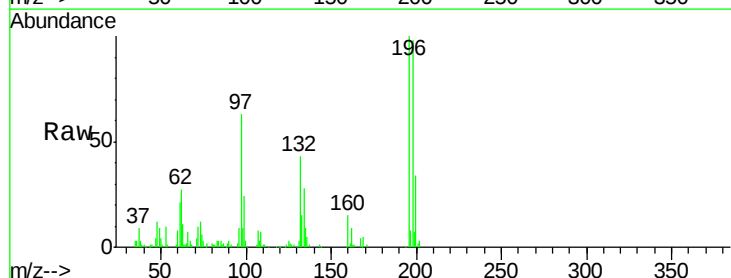
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

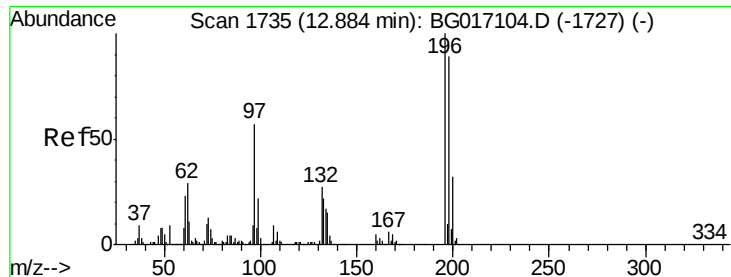
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	49.3	42.2	63.2



#42
 2,4,6-Trichlorophenol
 Concen: 49.65 ng
 RT: 12.77 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.9	112.3
200	34.4	24.2	36.2

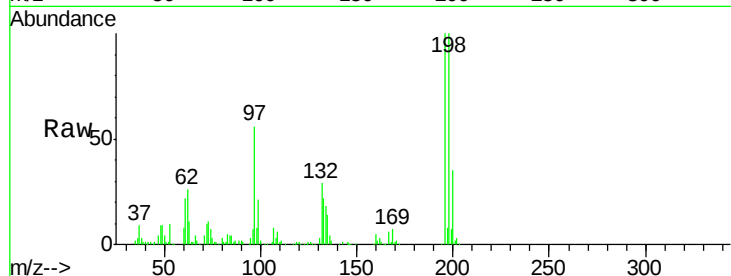




#43
 2,4,5-Trichlorophenol
 Concen: 52.08 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

Tgt Ion	Resp	Lower	Upper
196	100		
198	99.8	71.4	107.0
97	56.3	45.4	68.0
132	28.9	22.5	33.7



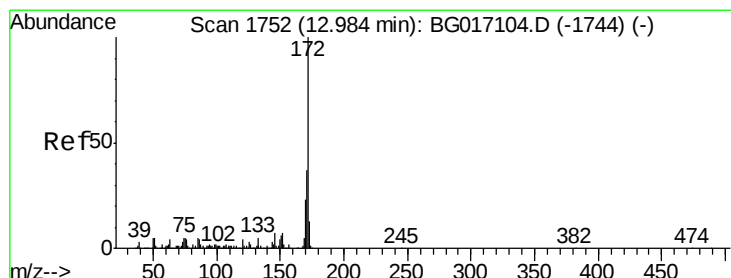
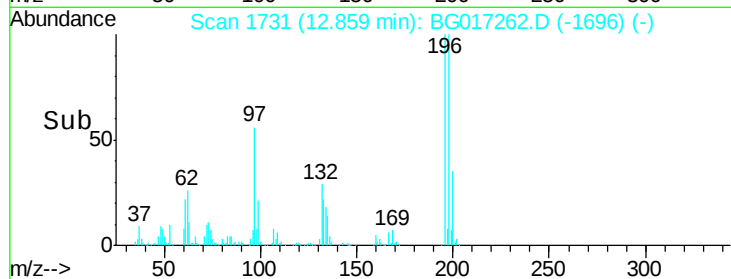
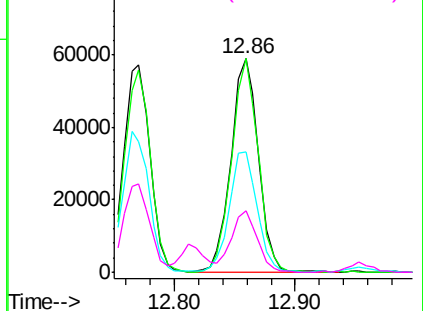
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

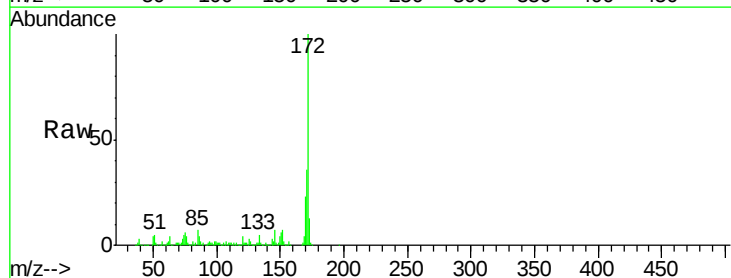
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.40 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	18.4	27.6

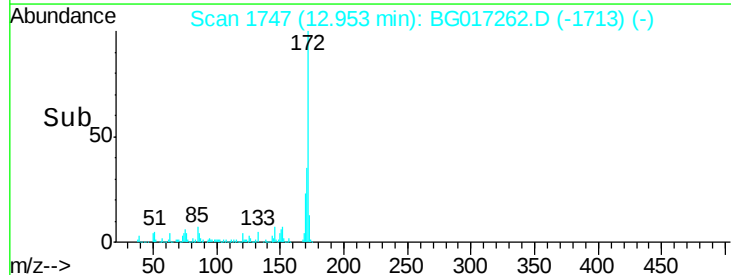
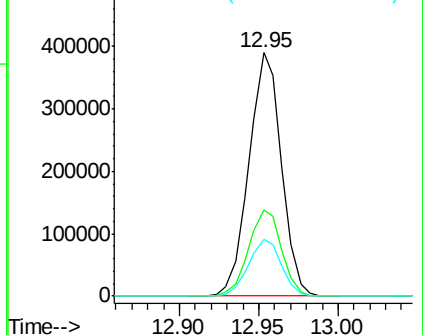


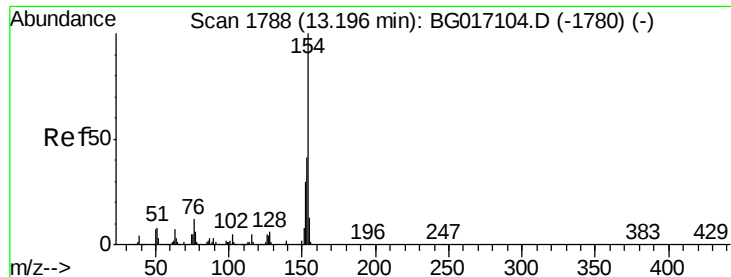
Abundance

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

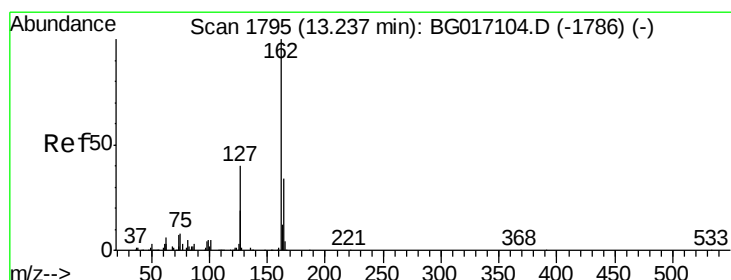
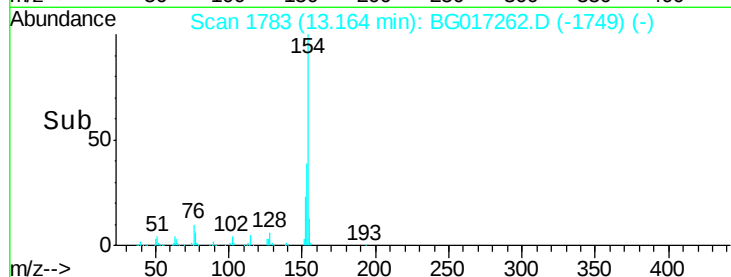
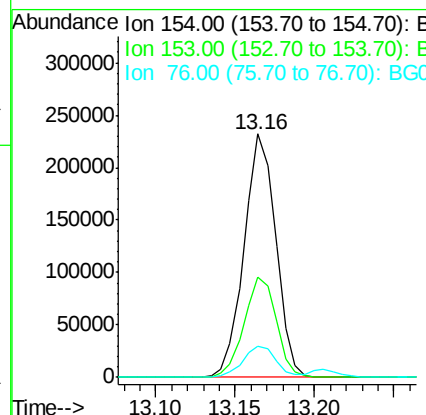
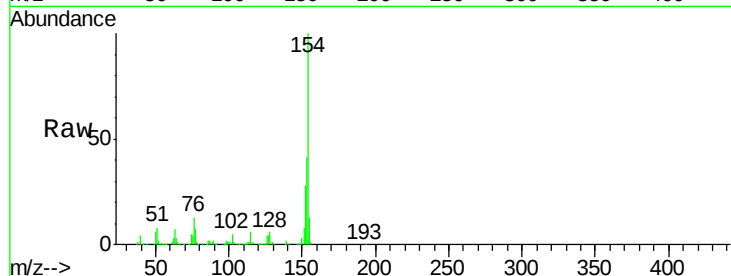




#45
 1,1'-Biphenyl
 Concen: 51.46 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

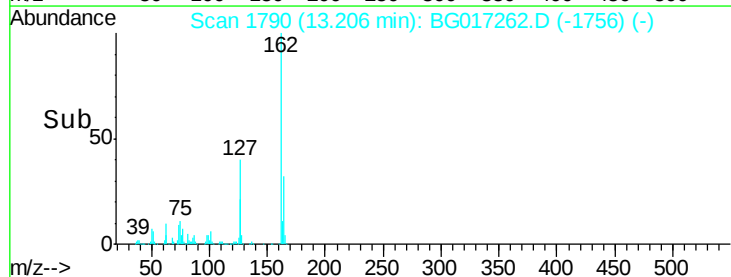
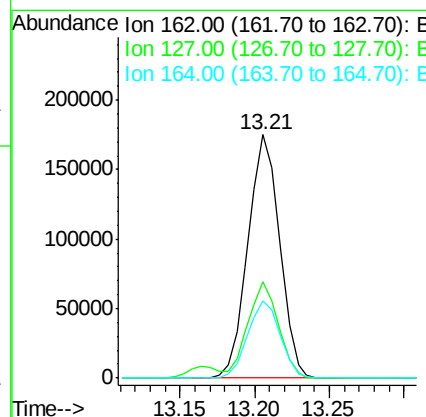
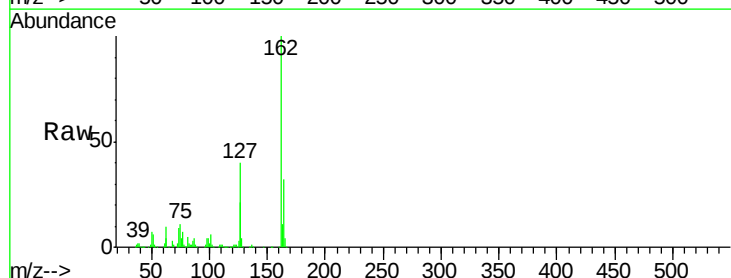
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

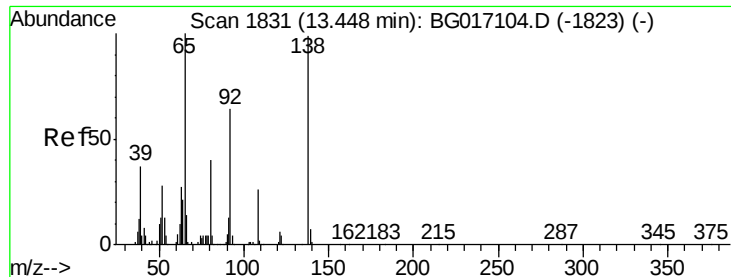
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 51.77 ng
 RT: 13.21 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.5	50.3
164	31.6	27.0	40.6





#47

2-Nitroaniline

Concen: 48.51 ng

RT: 13.42 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

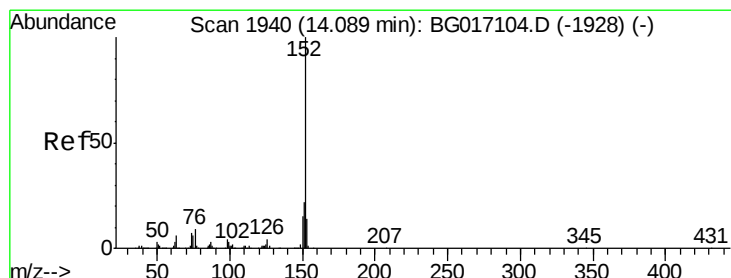
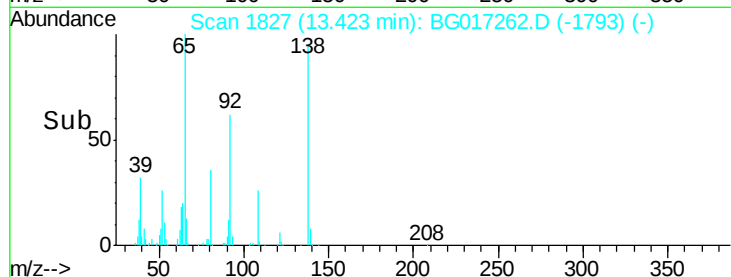
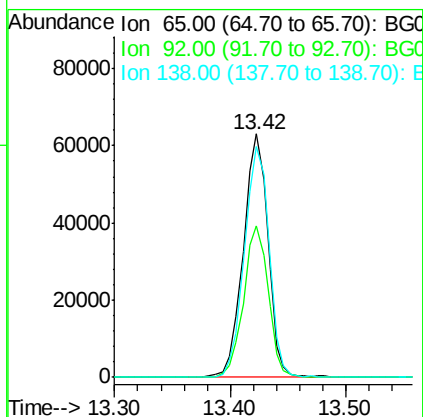
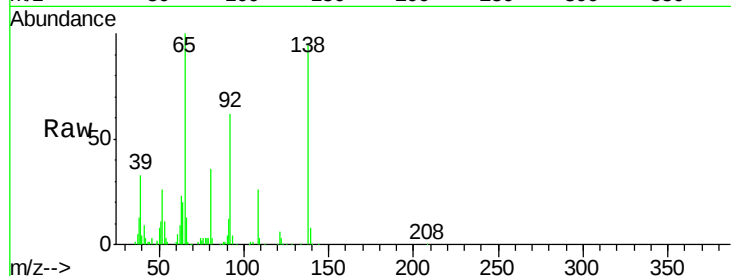
Tgt Ion: 65 Resp: 93661

Ion Ratio Lower Upper

65 100

92 62.3 51.0 76.4

138 94.9 79.3 118.9



#48

Acenaphthylene

Concen: 48.76 ng

RT: 14.06 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

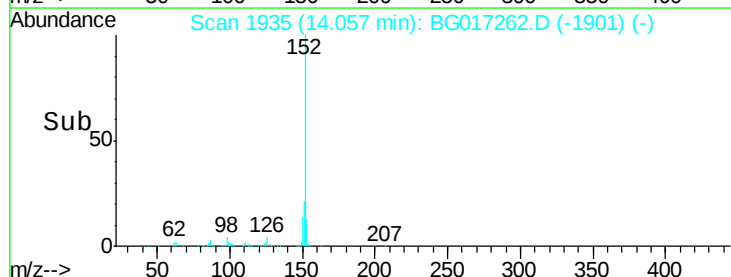
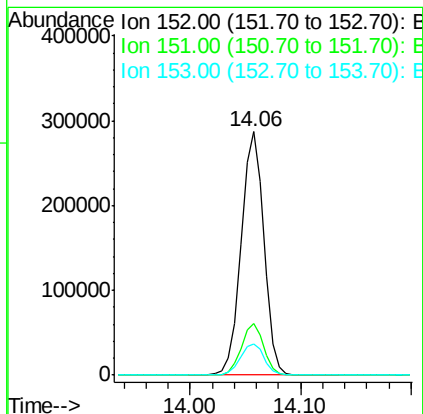
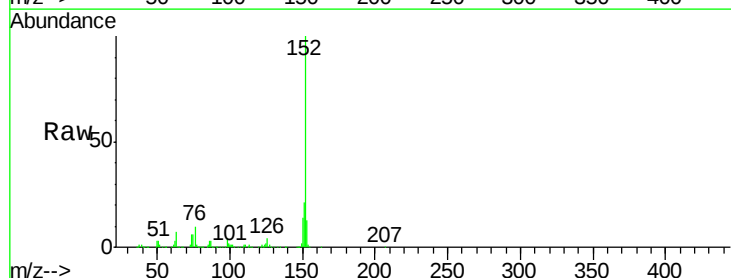
Tgt Ion: 152 Resp: 414502

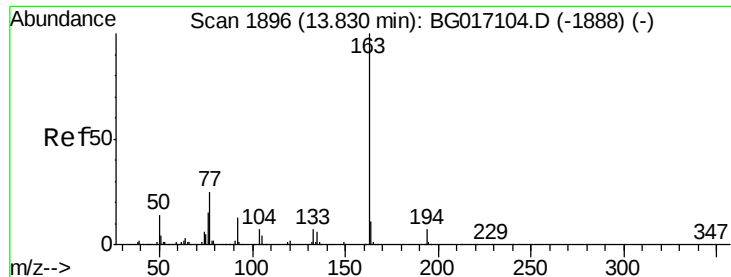
Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 48.70 ng

RT: 13.80 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

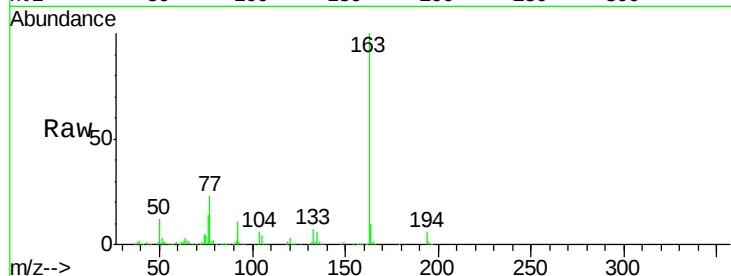
Tgt Ion:163 Resp: 331419

Ion Ratio Lower Upper

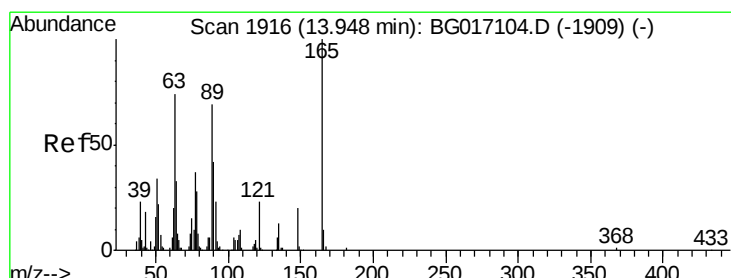
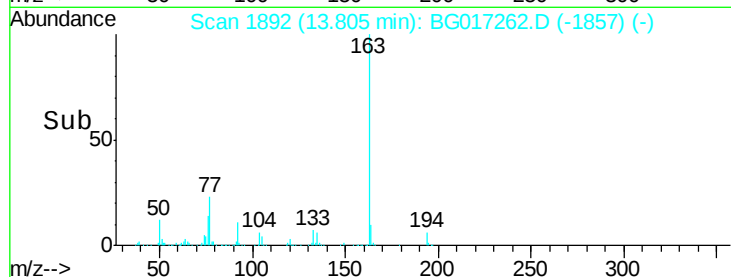
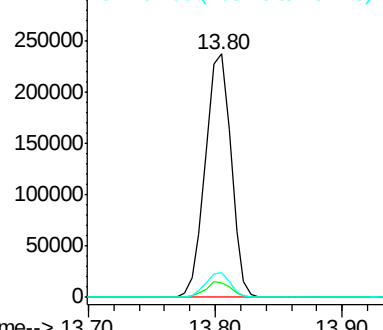
163 100

194 5.8 5.6 8.4

164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.46 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

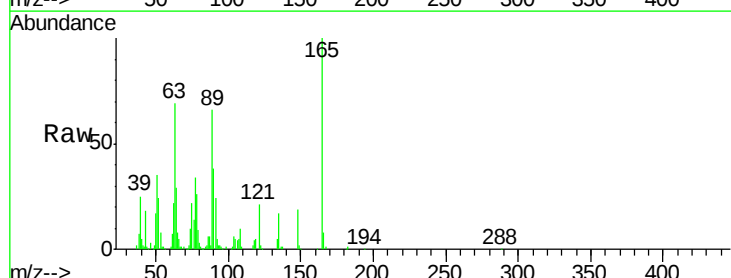
Tgt Ion:165 Resp: 76090

Ion Ratio Lower Upper

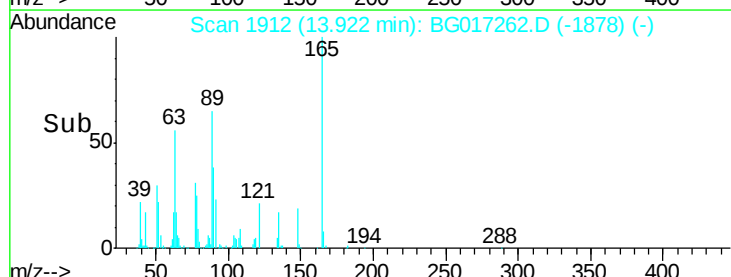
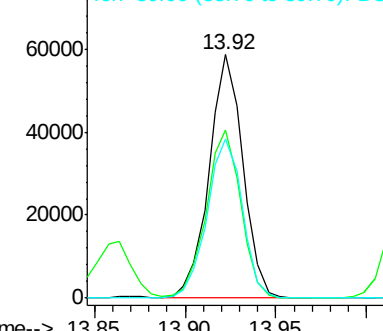
165 100

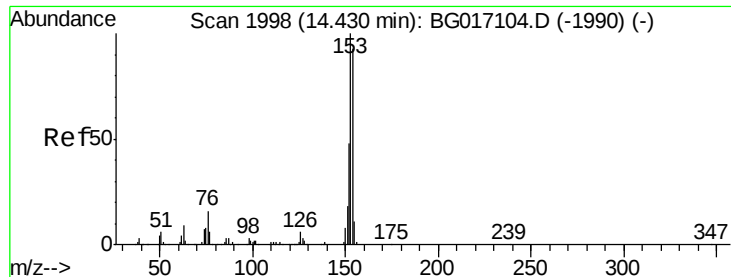
63 68.8 60.6 90.8

89 65.5 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.14 ng

RT: 14.40 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

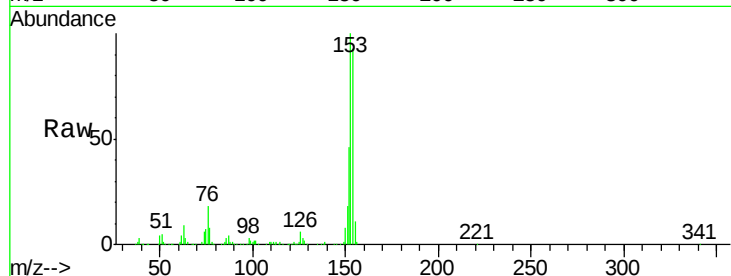
Tgt Ion:154 Resp: 246703

Ion Ratio Lower Upper

154 100

153 107.4 86.2 129.4

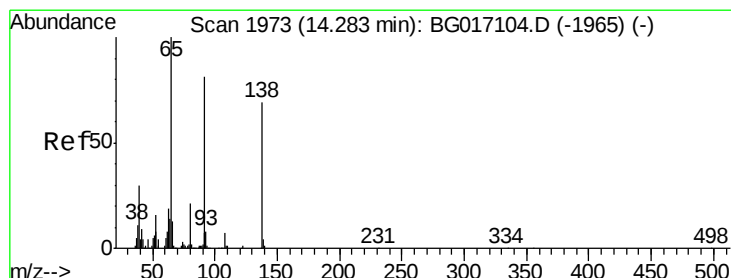
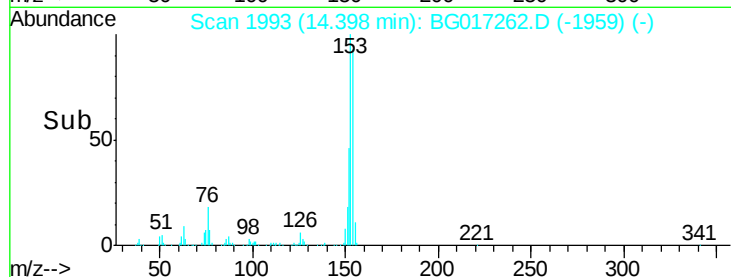
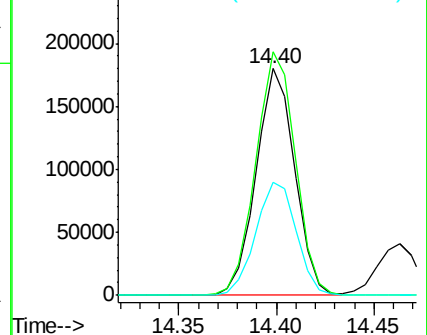
152 49.8 41.5 62.3



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: 11.36 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

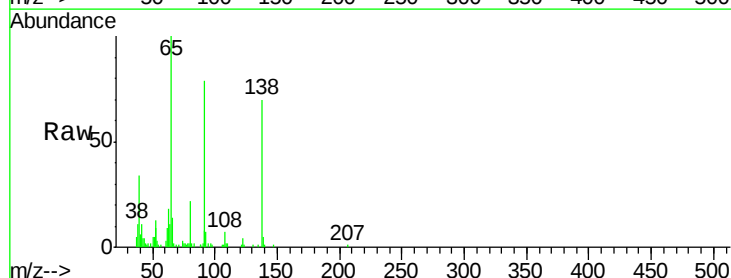
Tgt Ion:138 Resp: 19009

Ion Ratio Lower Upper

138 100

108 9.5 7.6 11.4

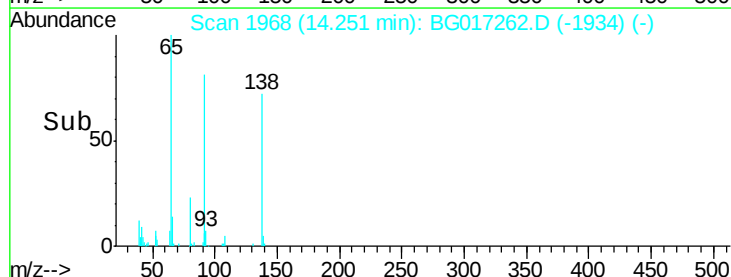
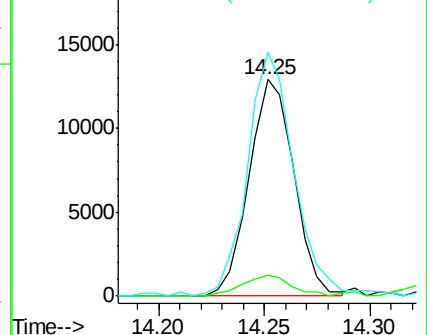
92 112.4 93.6 140.4

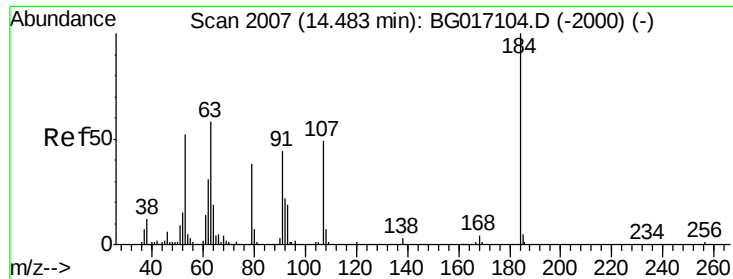


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

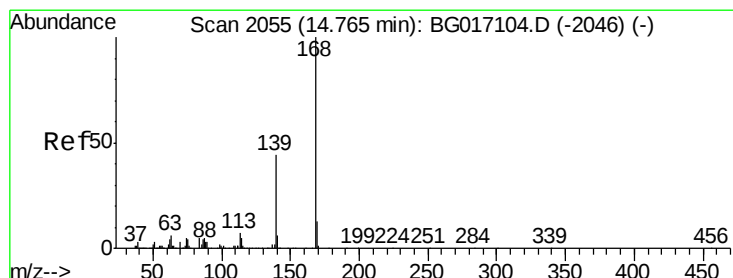
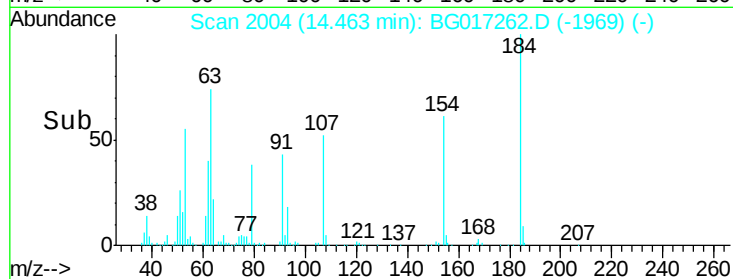
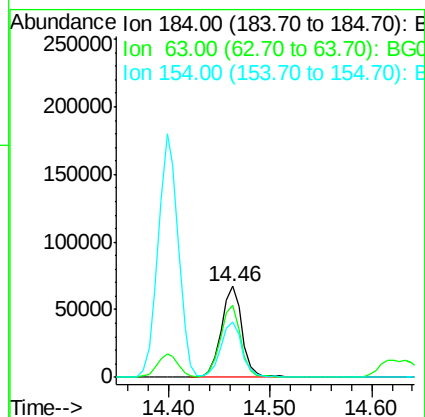
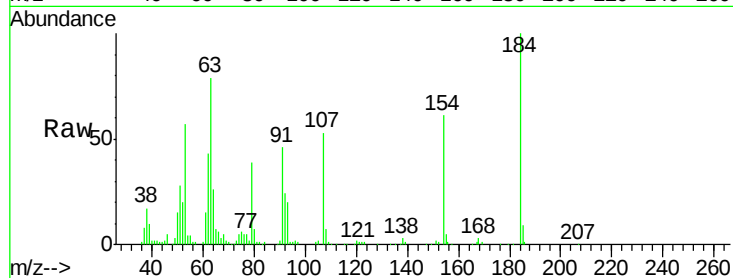




#53
2,4-Dinitrophenol
Concen: 110.34 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

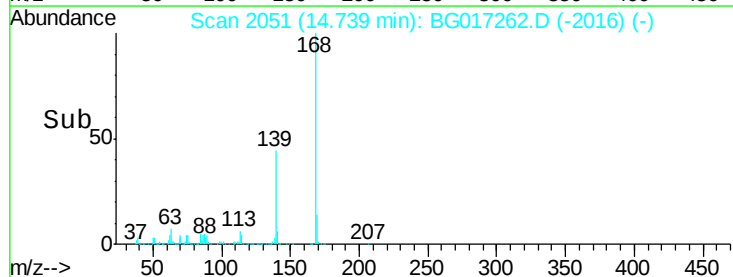
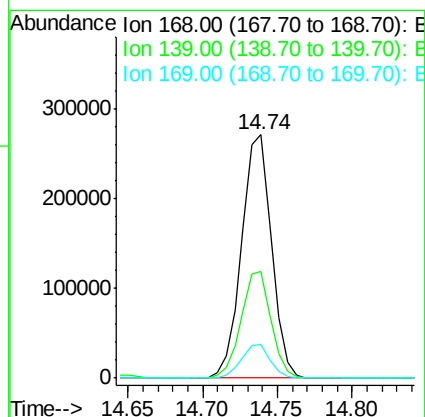
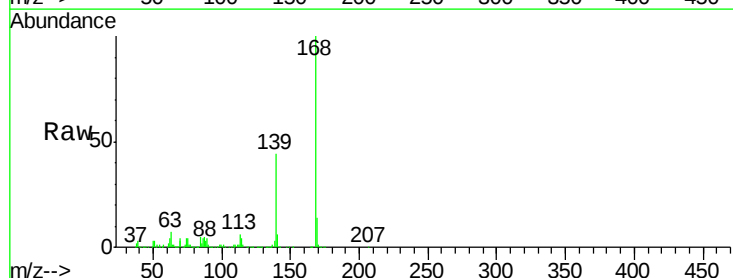
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

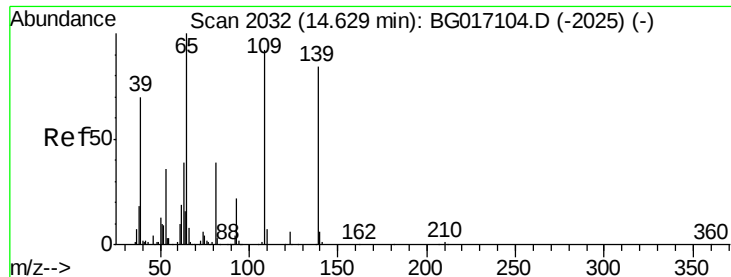
Tgt Ion:184 Resp: 96606
Ion Ratio Lower Upper
184 100
63 79.2 63.6 95.4
154 61.0 47.8 71.6



#54
Dibenzofuran
Concen: 50.43 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:168 Resp: 376409
Ion Ratio Lower Upper
168 100
139 43.7 34.9 52.3
169 13.9 10.5 15.7





#55

4-Nitrophenol

Concen: 39.22 ng

RT: 14.62 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

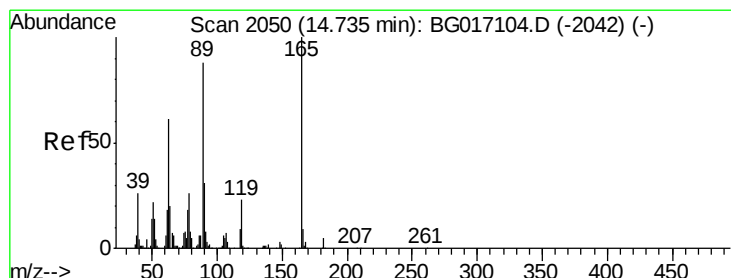
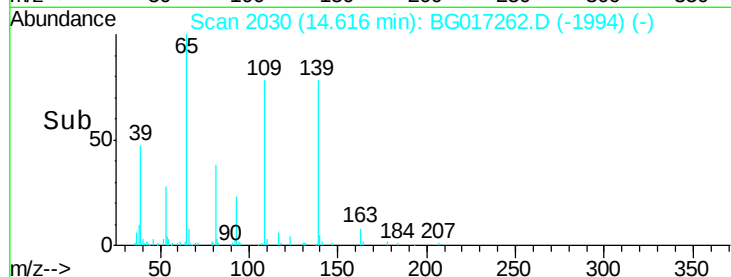
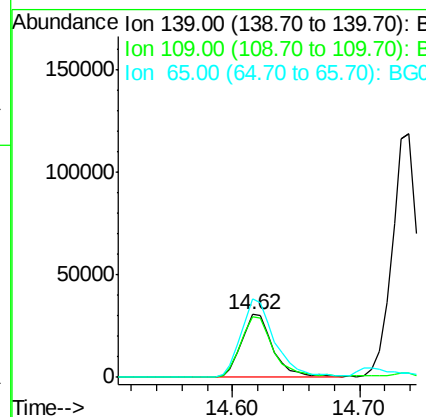
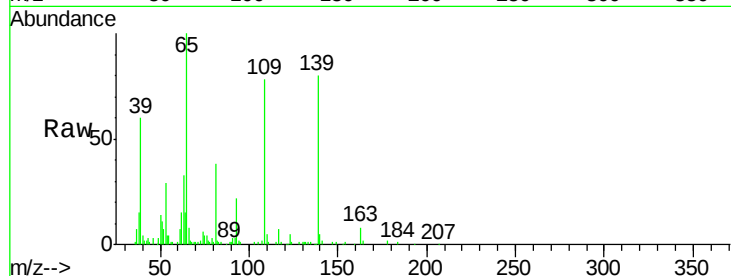
Tgt Ion:139 Resp: 52828

Ion Ratio Lower Upper

139 100

109 97.5 90.5 130.5

65 124.4 99.9 139.9



#56

2,4-Dinitrotoluene

Concen: 49.79 ng

RT: 14.71 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Tgt Ion:165 Resp: 104718

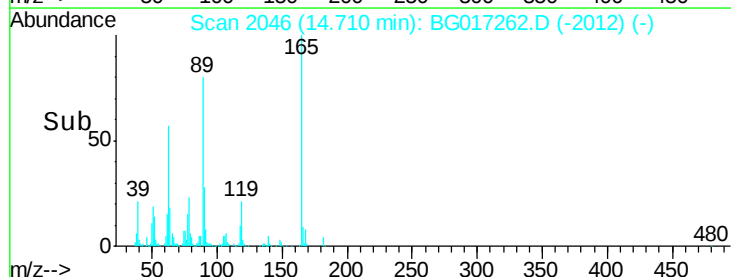
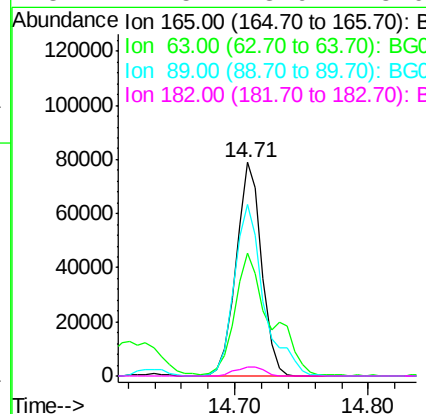
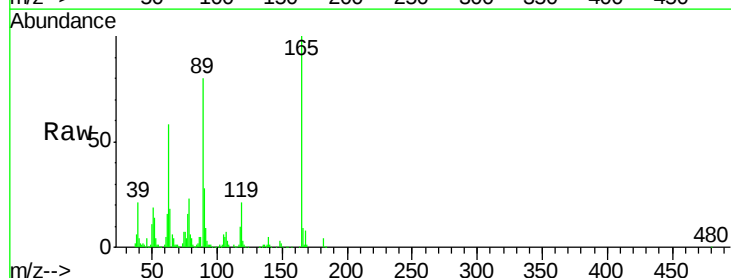
Ion Ratio Lower Upper

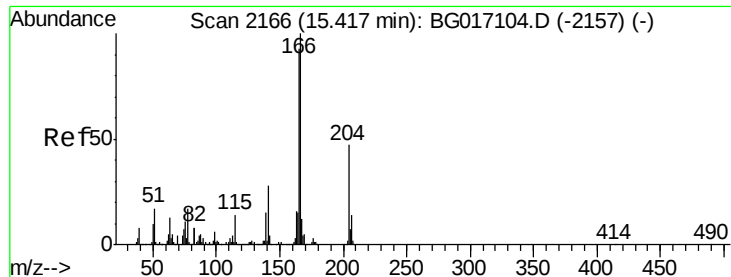
165 100

63 57.5 49.0 73.4

89 80.4 70.1 105.1

182 4.5 3.9 5.9





#57

Fluorene

Concen: 49.15 ng

RT: 15.39 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

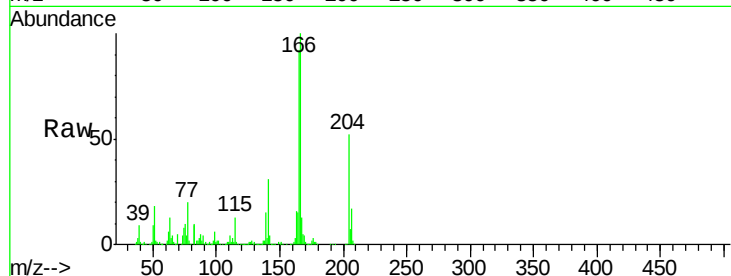
Tgt Ion:166 Resp: 324736

Ion Ratio Lower Upper

166 100

165 91.8 74.2 111.4

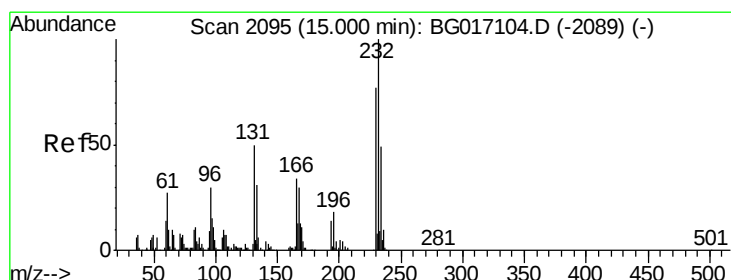
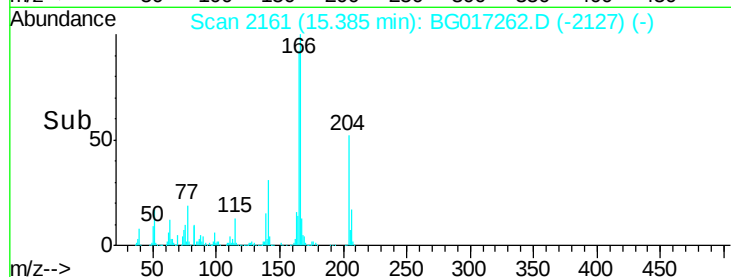
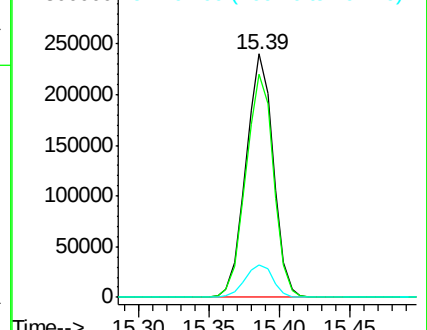
167 13.1 9.8 14.8



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: 51.67 ng

RT: 14.97 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Tgt Ion:232 Resp: 85340

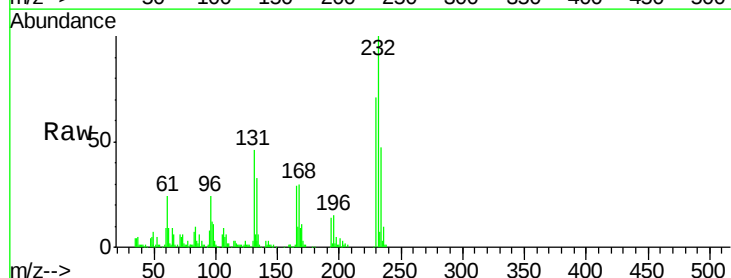
Ion Ratio Lower Upper

232 100

131 49.3 42.7 64.1

130 3.6 3.0 4.4

166 31.3 25.7 38.5

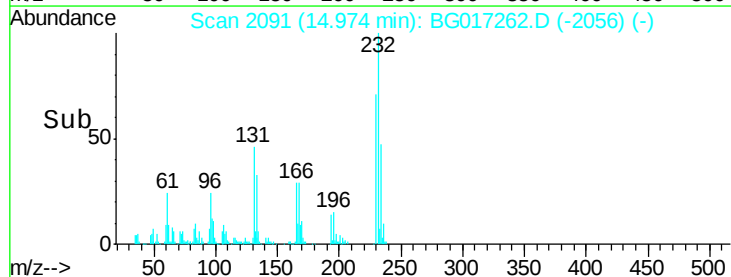
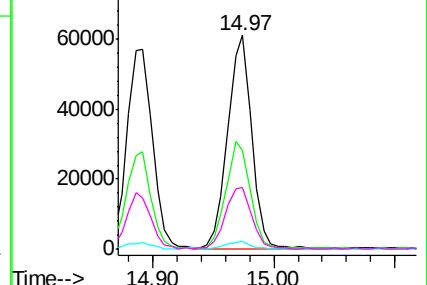


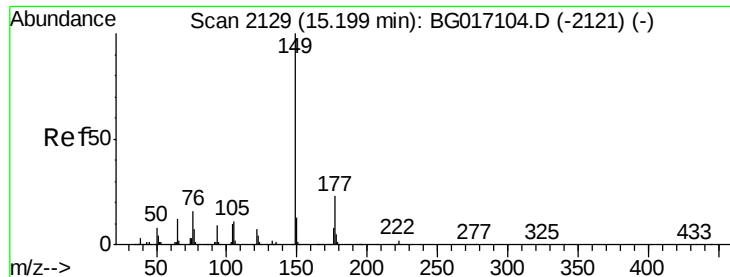
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.28 ng

RT: 15.17 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

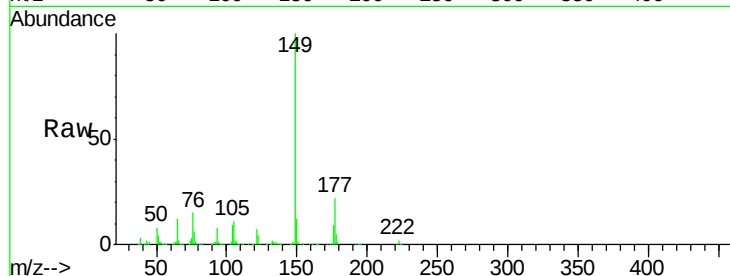
Tgt Ion:149 Resp: 338297

Ion Ratio Lower Upper

149 100

177 22.1 18.3 27.5

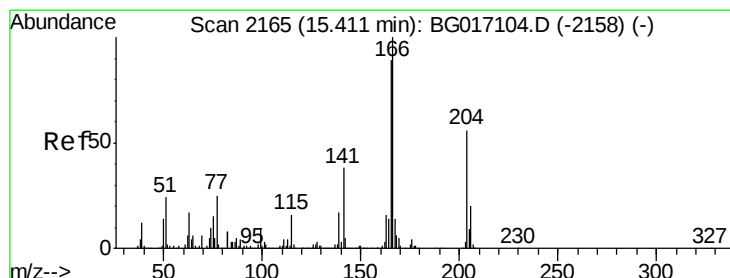
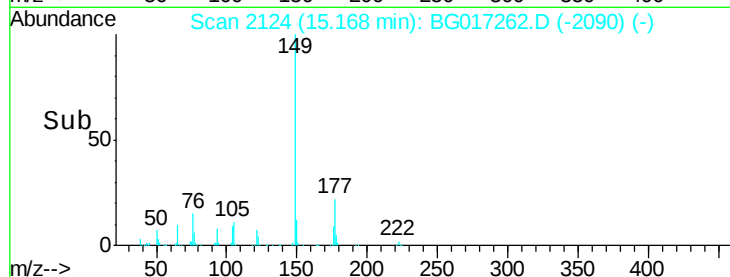
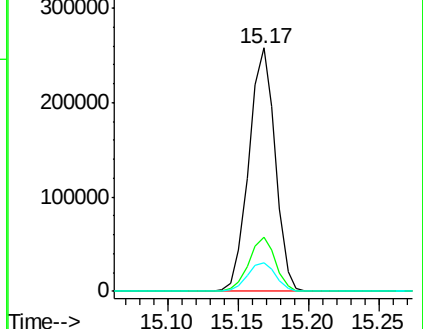
150 11.7 10.4 15.6



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: 49.87 ng

RT: 15.38 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

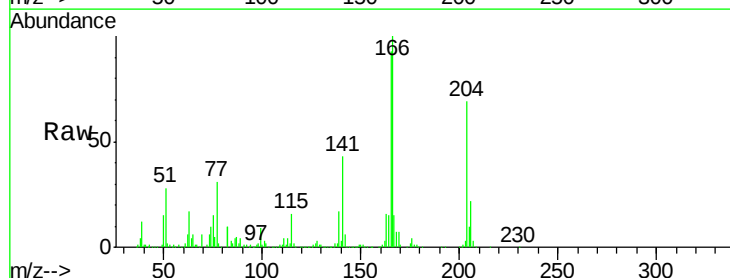
Tgt Ion:204 Resp: 169217

Ion Ratio Lower Upper

204 100

206 32.2 28.6 42.8

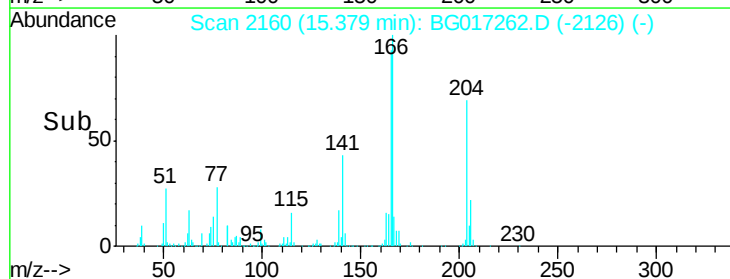
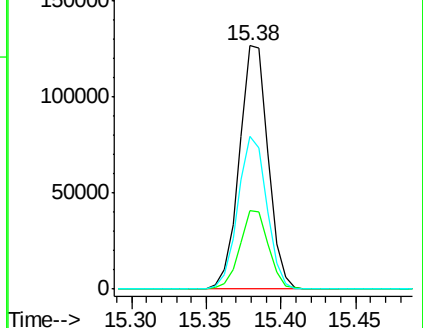
141 62.9 54.2 81.2

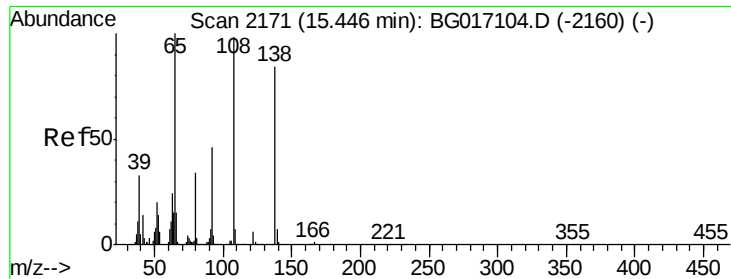


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

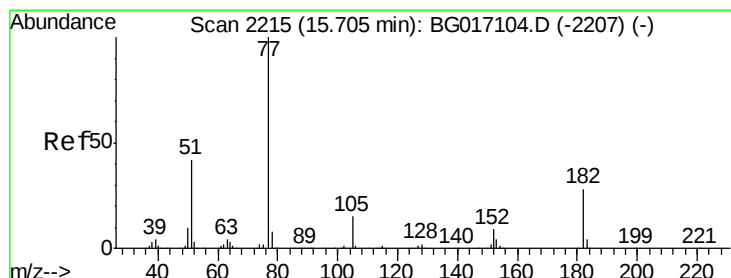
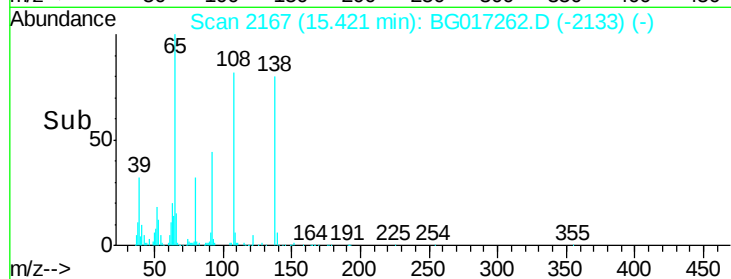
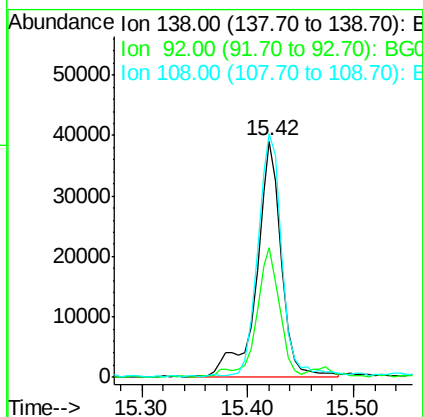
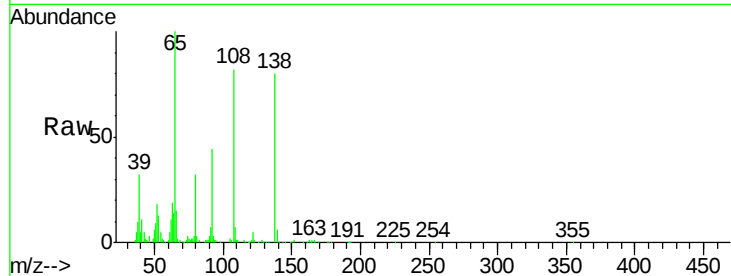




#61
4-Nitroaniline
Concen: 34.61 ng
RT: 15.42 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

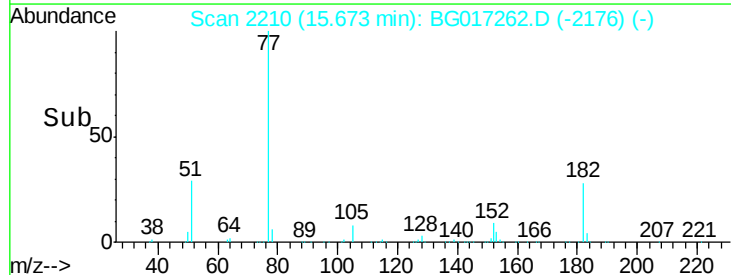
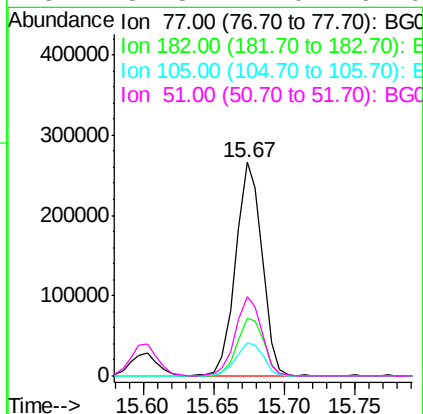
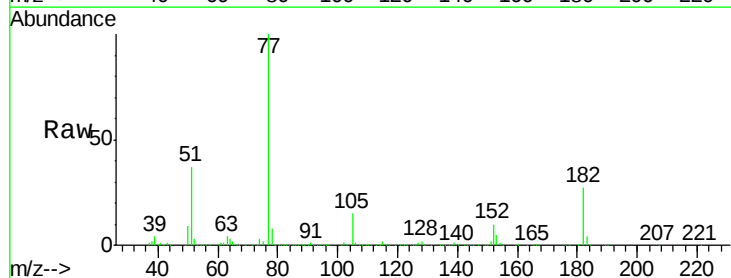
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

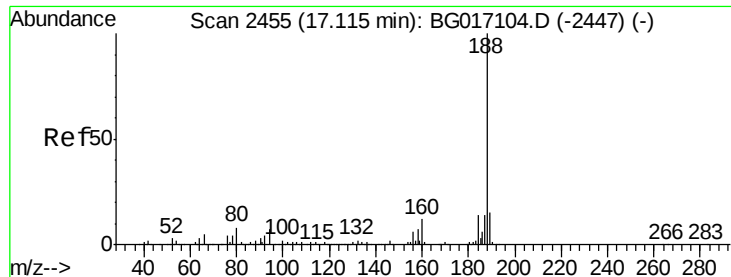
Tgt Ion:138 Resp: 64596
Ion Ratio Lower Upper
138 100
92 54.9 34.9 74.9
108 103.1 95.8 135.8



#62
Azobenzene
Concen: 49.35 ng
RT: 15.67 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion: 77 Resp: 344610
Ion Ratio Lower Upper
77 100
182 26.7 8.1 48.1
105 15.3 0.0 34.8
51 37.3 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: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

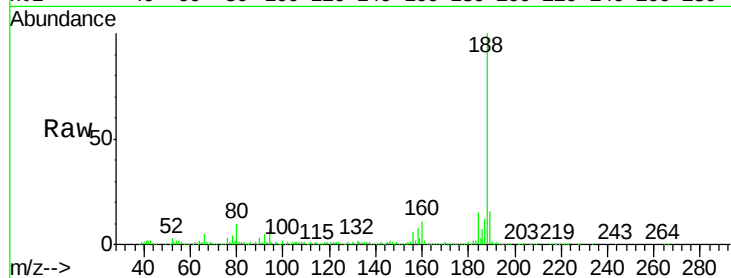
Tgt Ion:188 Resp: 184343

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

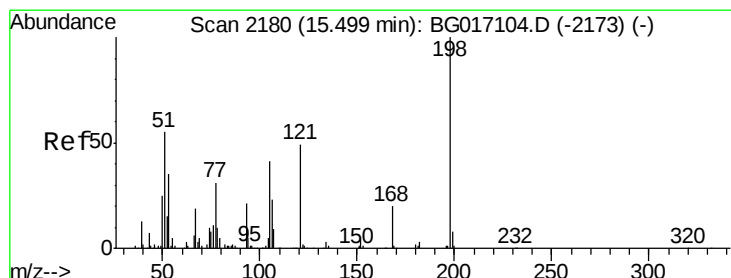
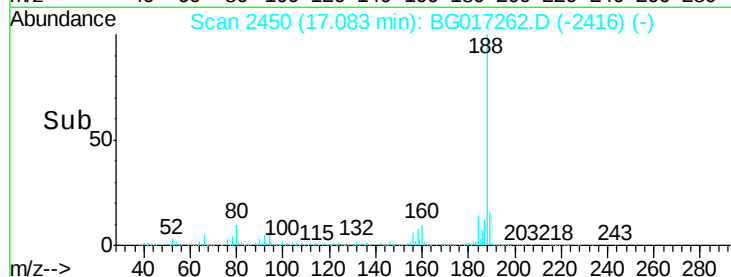
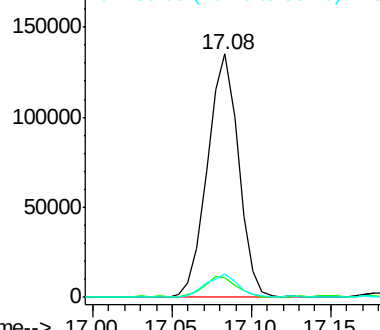
80 9.7 6.5 9.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.13 ng

RT: 15.47 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

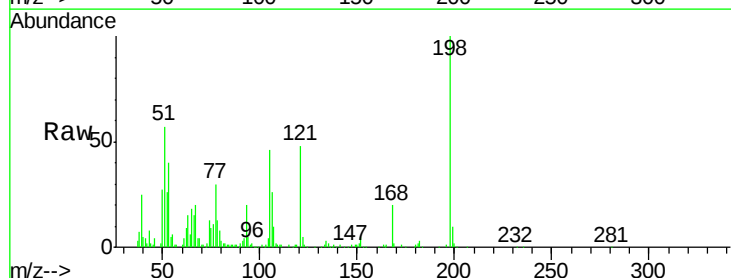
Tgt Ion:198 Resp: 62076

Ion Ratio Lower Upper

198 100

51 56.9 39.9 79.9

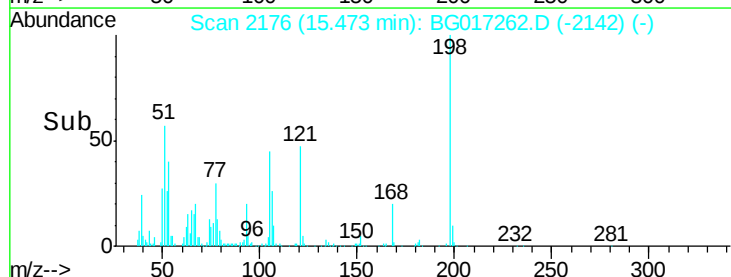
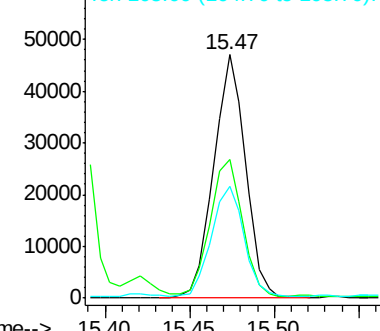
105 45.7 22.0 62.0

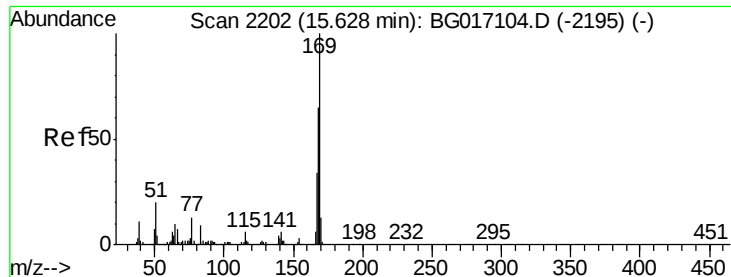


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

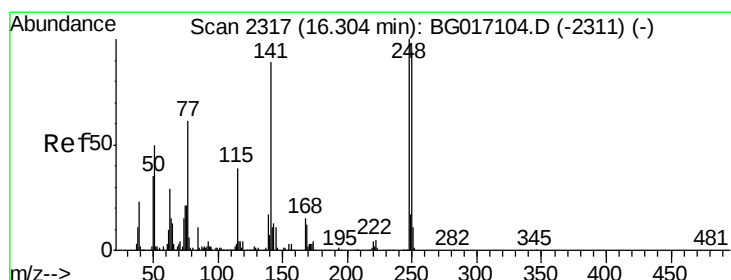
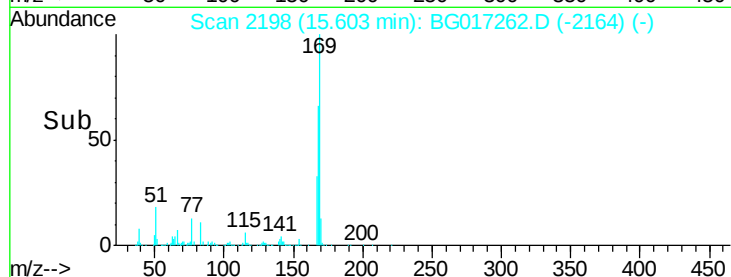
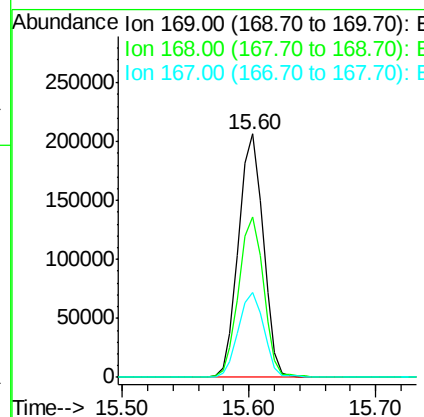
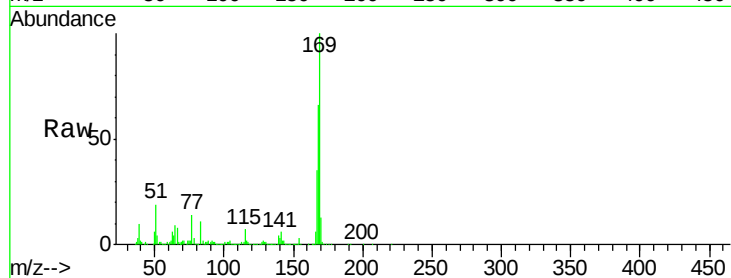




#65
n-Nitrosodiphenylamine
Concen: 49.09 ng
RT: 15.60 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

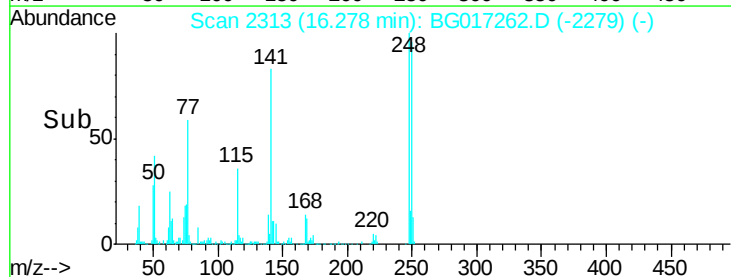
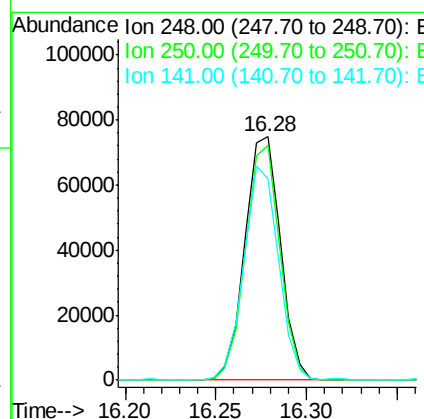
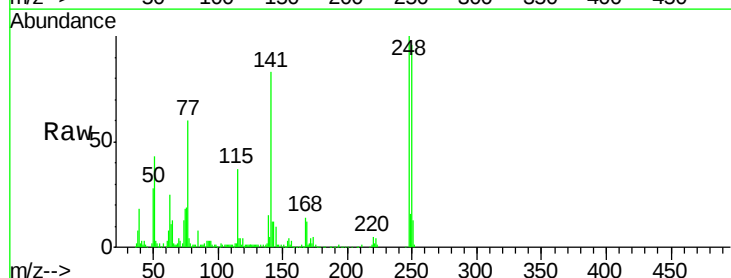
Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

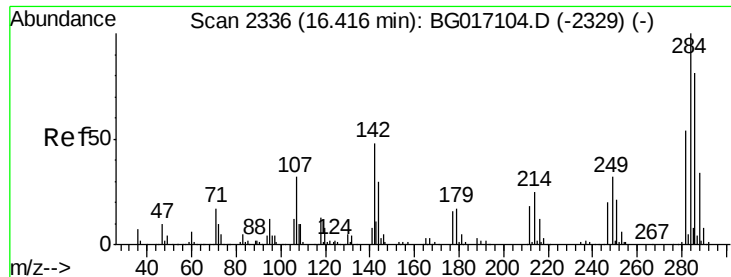
Tgt Ion:169 Resp: 277832
Ion Ratio Lower Upper
169 100
168 65.7 51.7 77.5
167 34.9 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 50.90 ng
RT: 16.28 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion:248 Resp: 102339
Ion Ratio Lower Upper
248 100
250 96.4 75.0 112.4
141 82.9 71.3 106.9

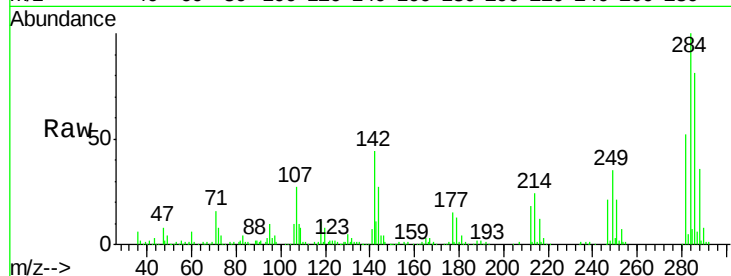




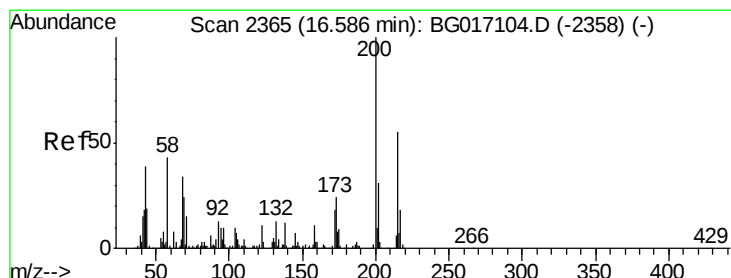
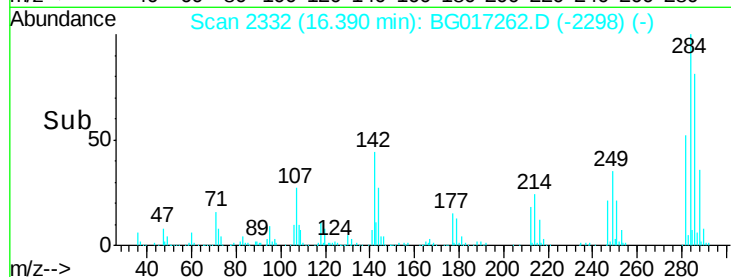
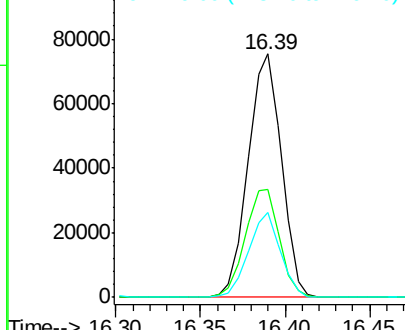
#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Instrument :
BNA_G
ClientSampleId :
VE4-11MSD

Tgt Ion: 284 Resp: 103371
Ion Ratio Lower Upper
284 100
142 44.4 38.2 57.2
249 34.9 25.2 37.8

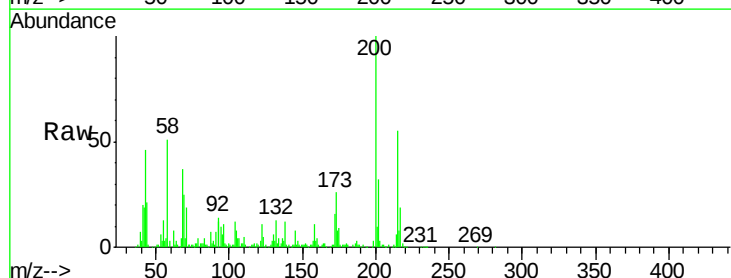


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

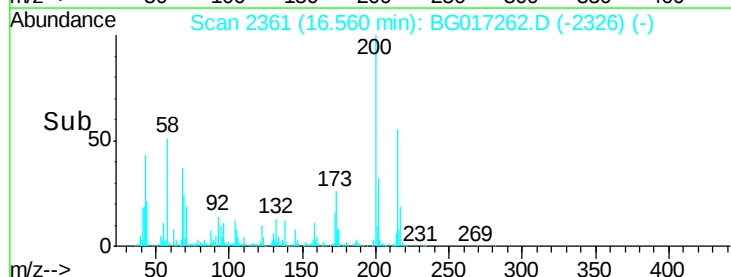
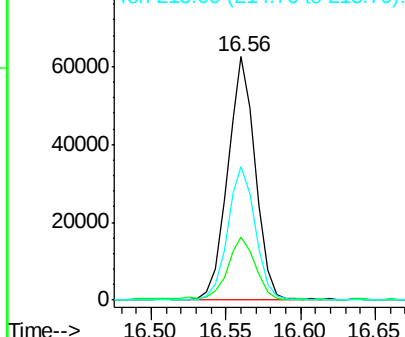


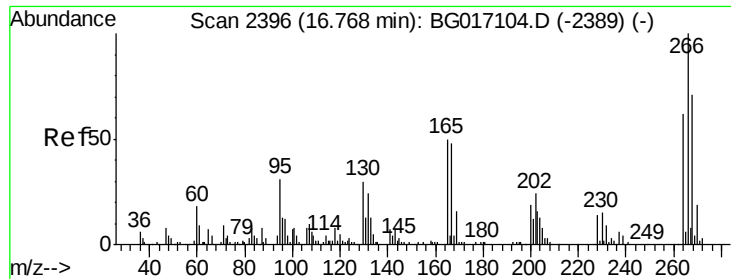
#68
Atrazine
Concen: 39.19 ng
RT: 16.56 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BG017262.D
Acq: 23 May 2015 2:45

Tgt Ion: 200 Resp: 81129
Ion Ratio Lower Upper
200 100
173 26.0 3.7 43.7
215 55.0 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: 103.16 ng

RT: 16.74 min Scan# 2392

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

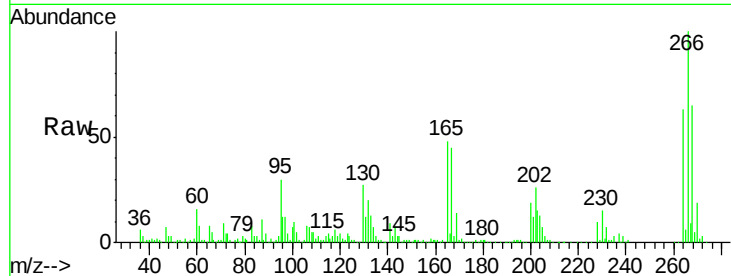
Tgt Ion:266 Resp: 136631

Ion Ratio Lower Upper

266 100

268 65.3 56.6 84.8

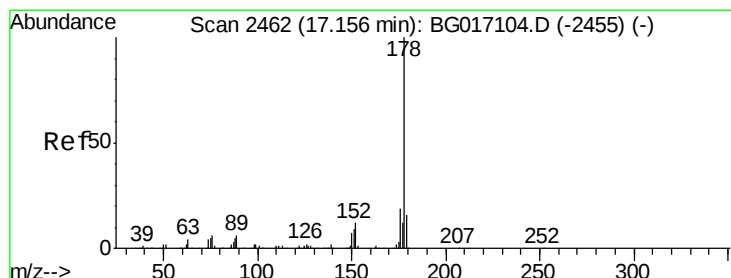
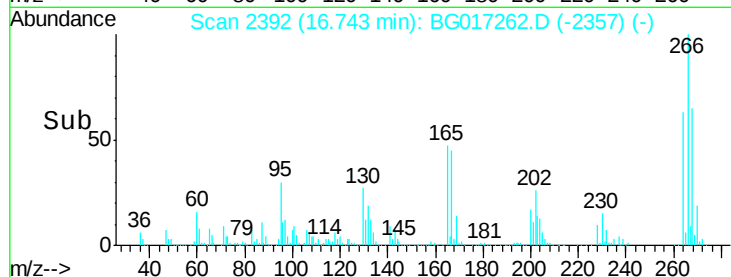
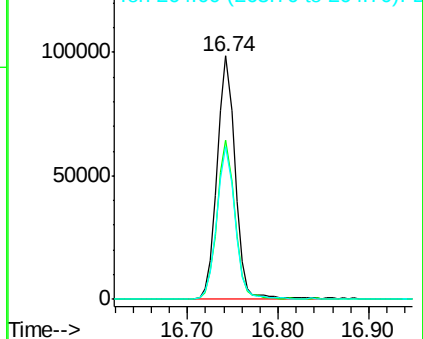
264 62.5 49.4 74.0



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: 49.77 ng

RT: 17.12 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

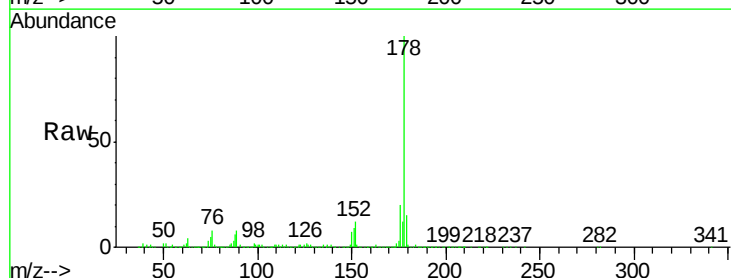
Tgt Ion:178 Resp: 473100

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

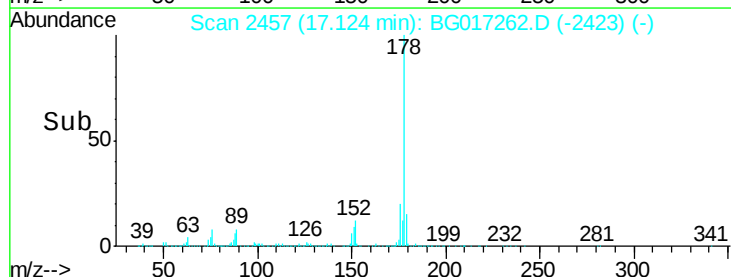
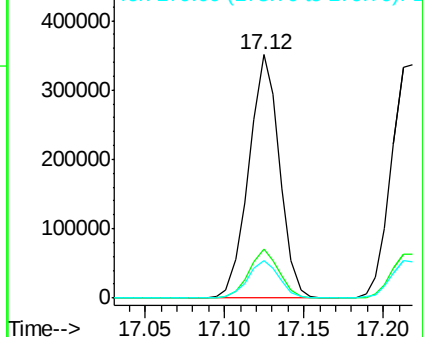
179 15.3 12.5 18.7

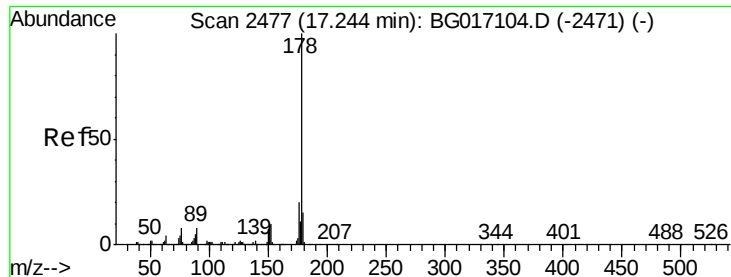


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

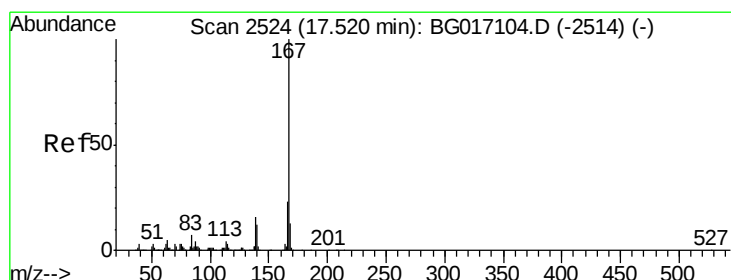
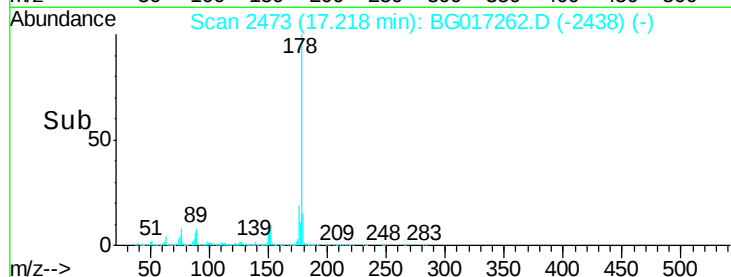
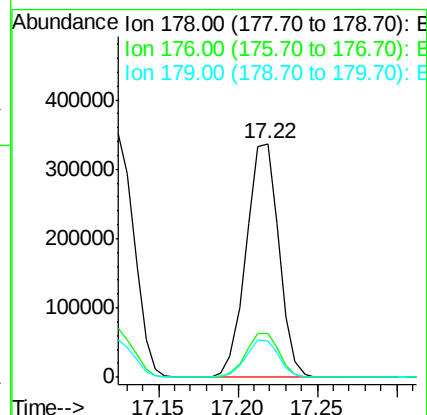
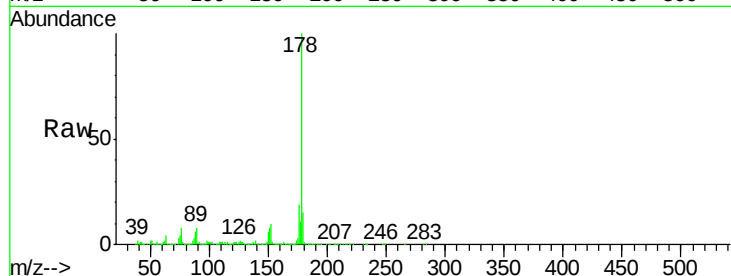




#71
 Anthracene
 Concen: 49.91 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

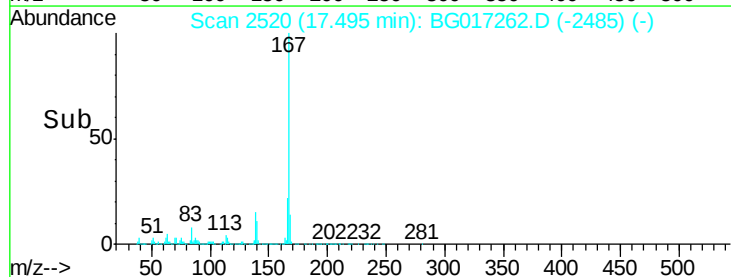
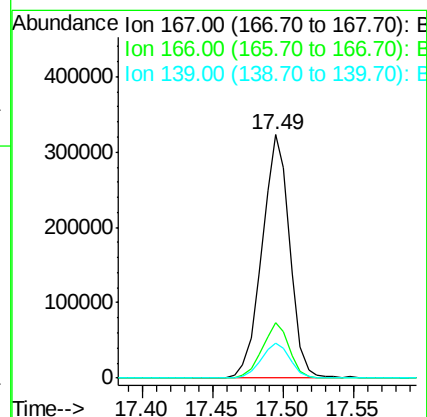
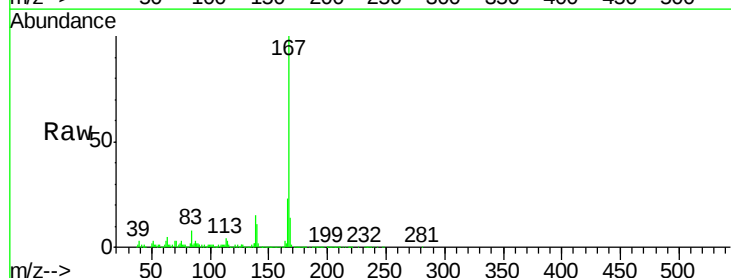
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

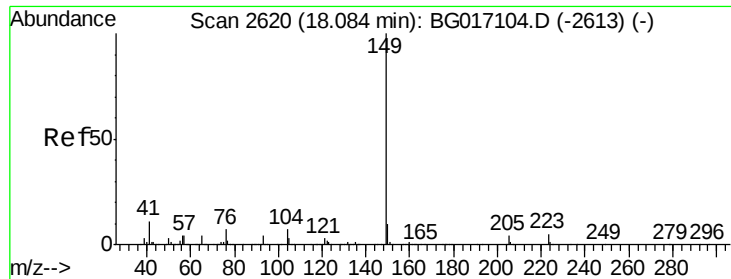
Tgt Ion:178 Resp: 480843
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.3 24.5
 179 15.5 12.1 18.1



#72
 Carbazole
 Concen: 50.17 ng
 RT: 17.49 min Scan# 2520
 Delta R.T. 0.01 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion:167 Resp: 444109
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 14.6 13.0 19.4





#73

Di-n-butylphthalate

Concen: 49.18 ng

RT: 18.06 min Scan# 2616

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

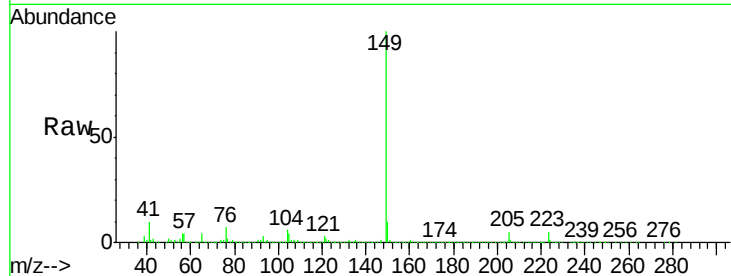
Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

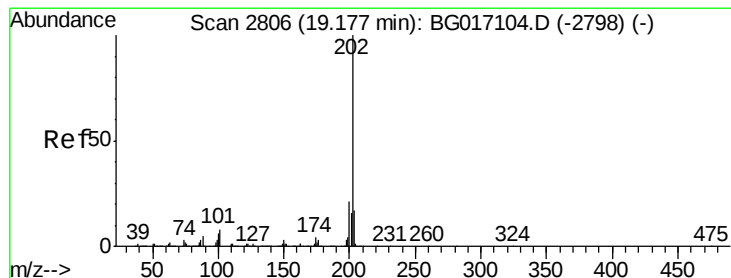
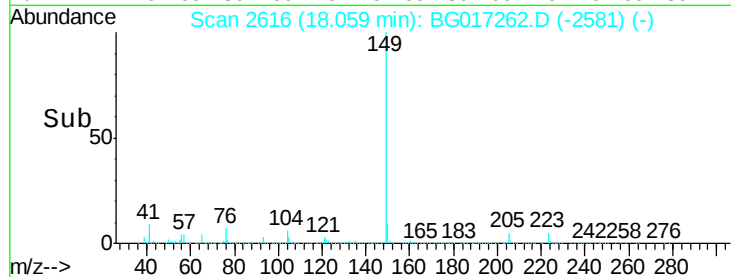
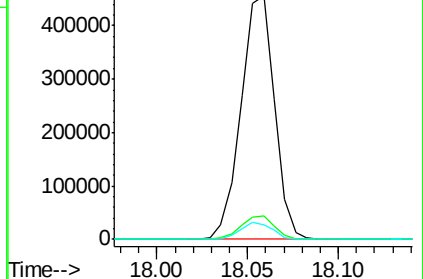
Tgt Ion:	149	Resp:	582551
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.4
104	6.1	5.7	8.5



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: 48.53 ng

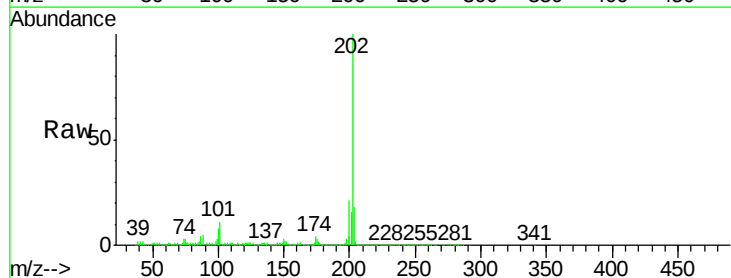
RT: 19.15 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

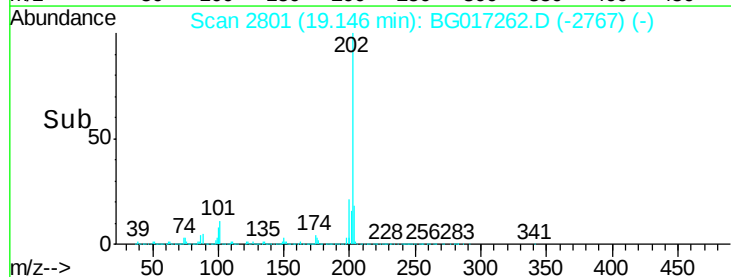
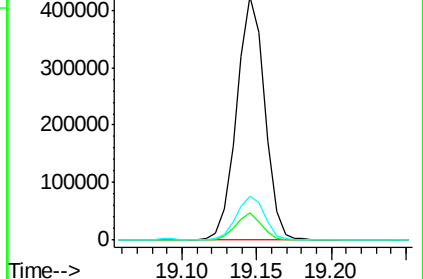
Tgt Ion:	202	Resp:	553986
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	28.3
203	17.8	0.0	37.4

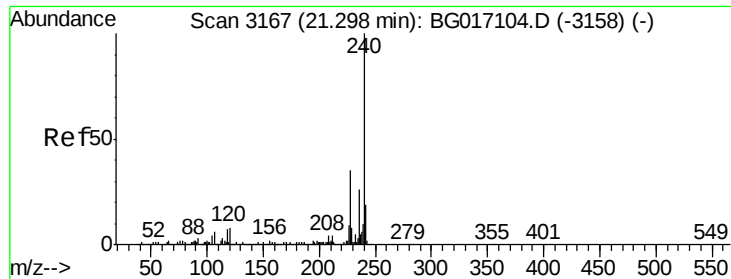


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

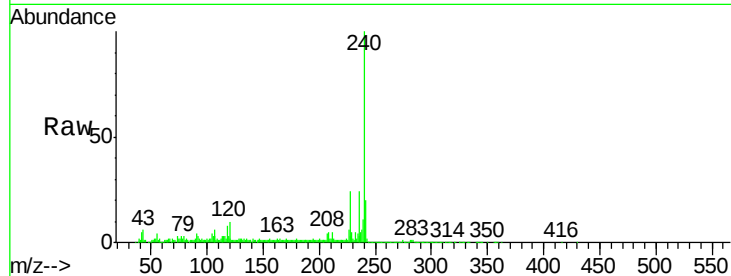
Tgt Ion:240 Resp: 204799

Ion Ratio Lower Upper

240 100

120 9.7 6.0 9.0#

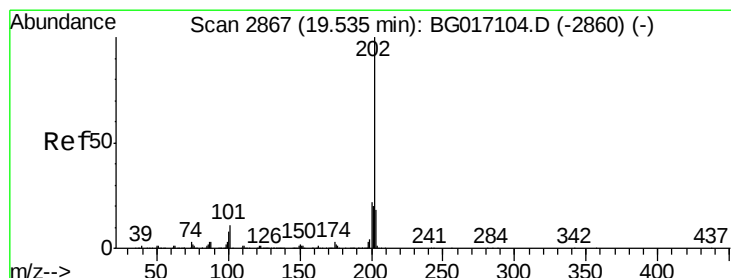
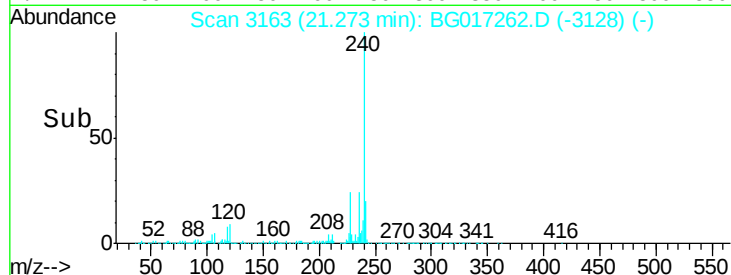
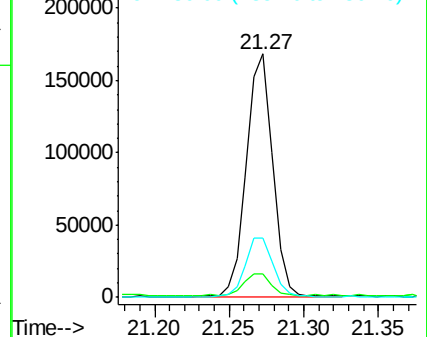
236 24.2 20.5 30.7



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: 45.64 ng

RT: 19.51 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

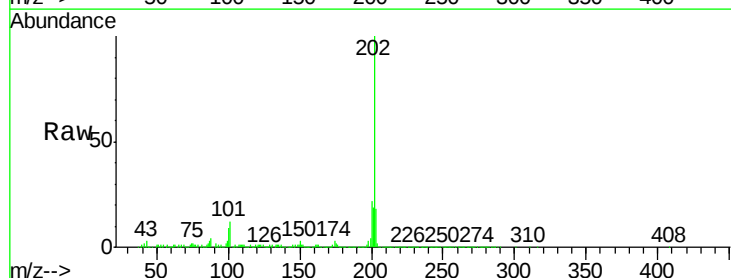
Tgt Ion:202 Resp: 573488

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.8

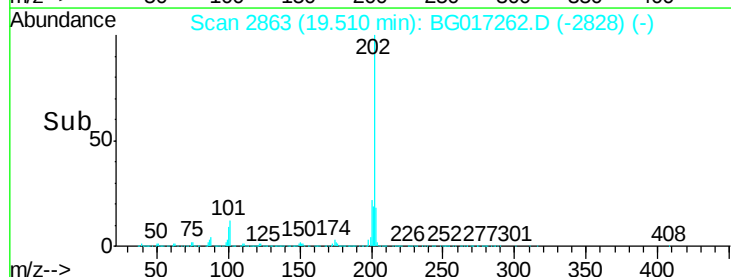
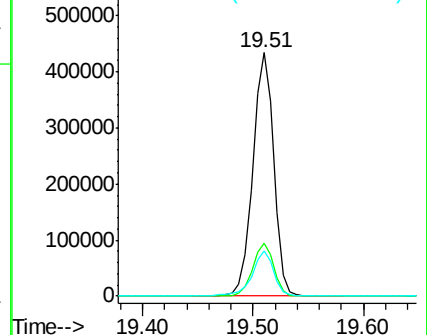
203 18.3 14.4 21.6

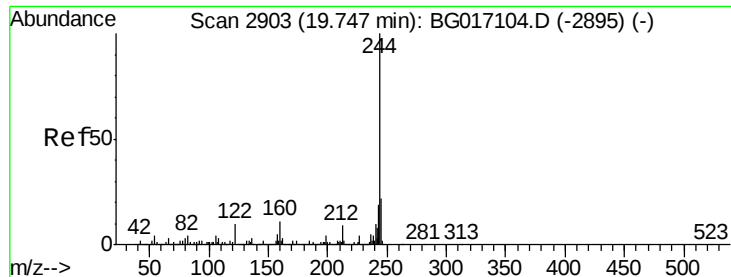


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.70 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

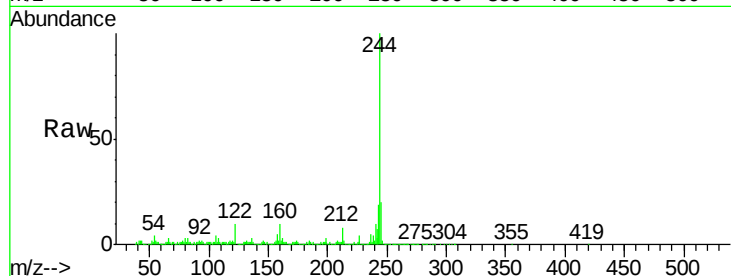
Tgt Ion:244 Resp: 596535

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

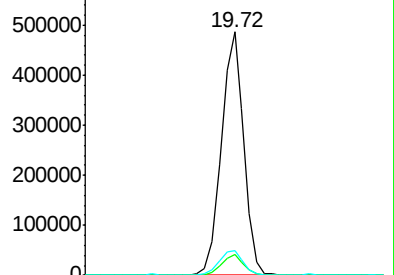
122 9.9 8.4 12.6



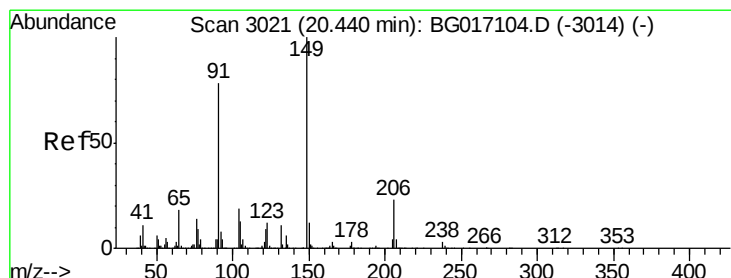
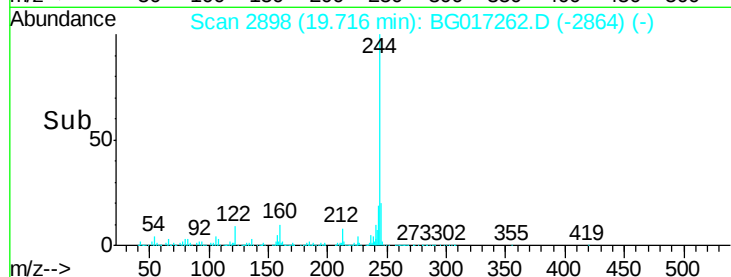
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.60 19.70 19.80



#79

Butylbenzylphthalate

Concen: 47.77 ng

RT: 20.41 min Scan# 3017

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

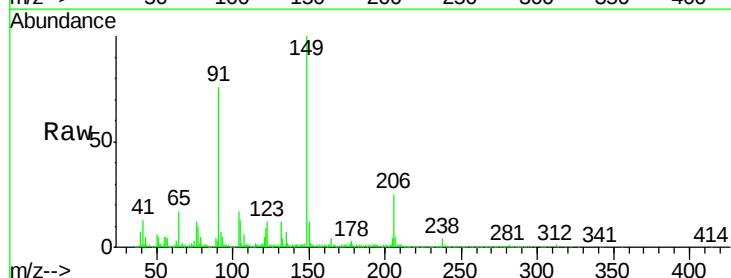
Tgt Ion:149 Resp: 272898

Ion Ratio Lower Upper

149 100

91 76.2 62.0 93.0

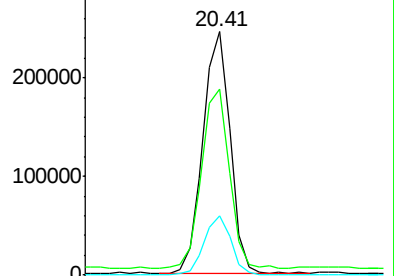
206 24.5 18.6 27.8



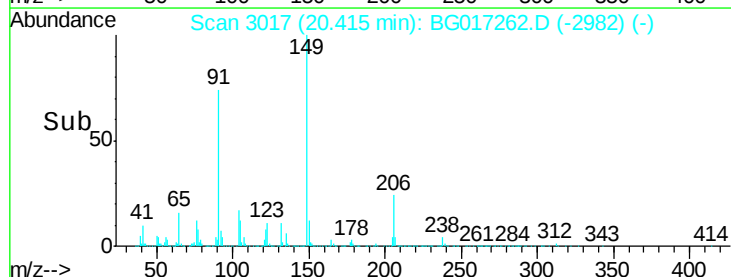
Abundance Ion 149.00 (148.70 to 149.70): E

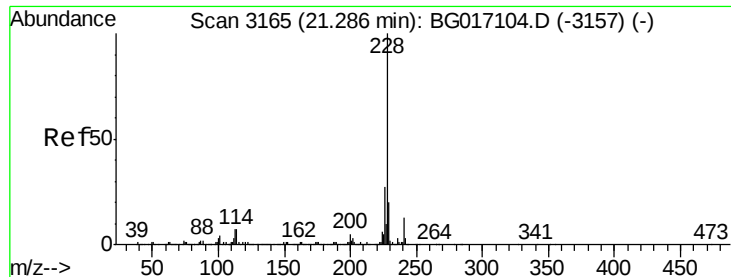
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.35 20.40 20.45





#80

Benzo(a)anthracene

Concen: 47.94 ng

RT: 21.25 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

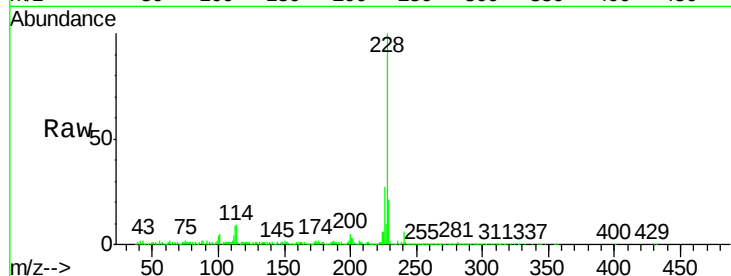
Tgt Ion:228 Resp: 562604

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

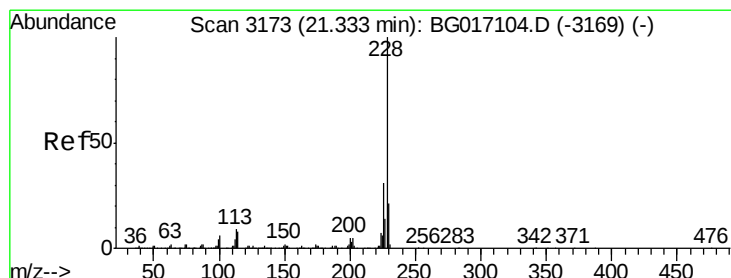
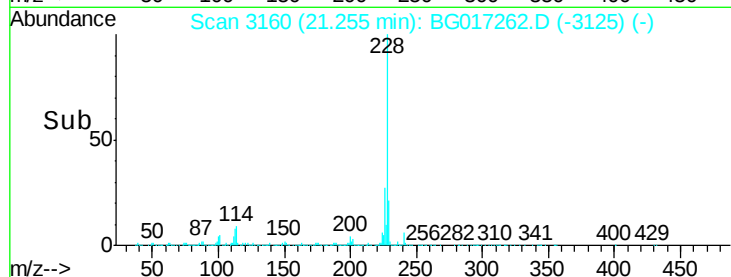
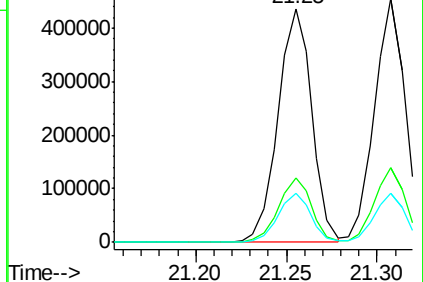
229 21.1 16.1 24.1



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: 48.76 ng

RT: 21.31 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

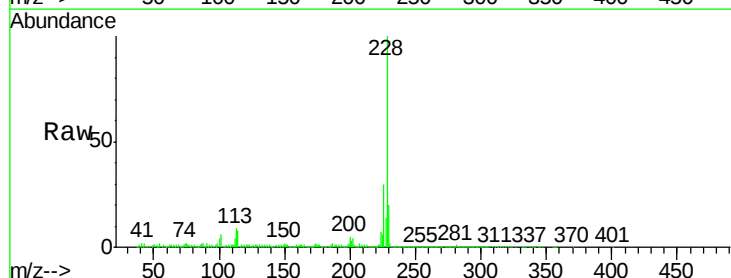
Tgt Ion:228 Resp: 533050

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

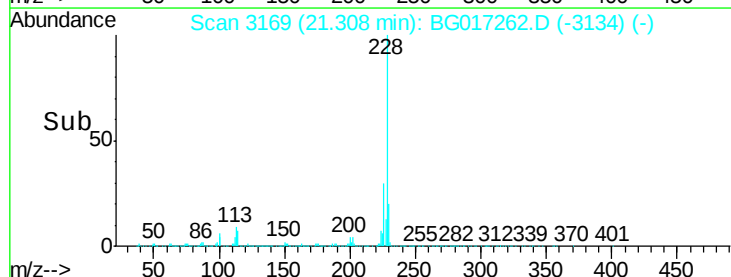
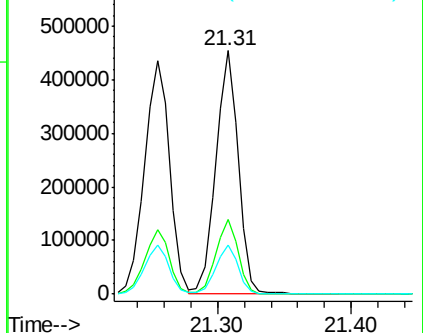
229 20.0 17.0 25.6

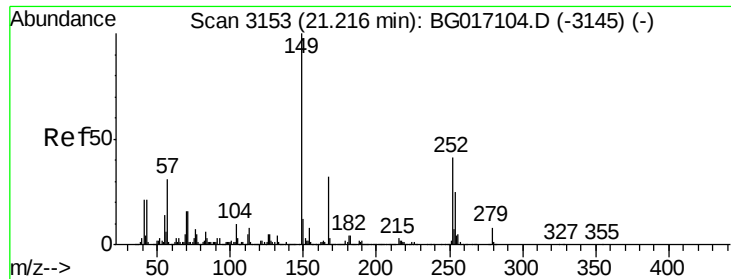


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

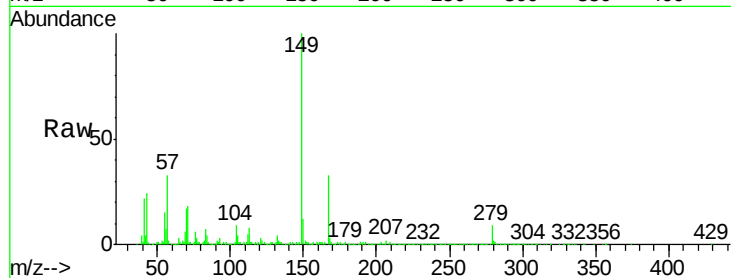




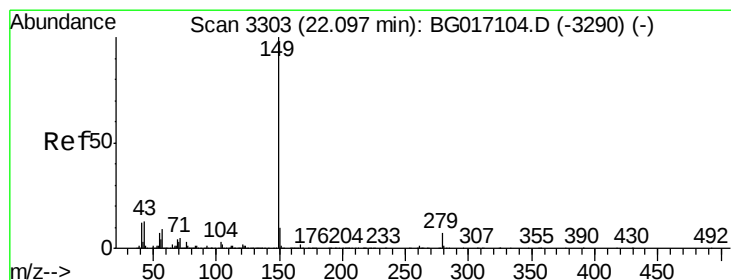
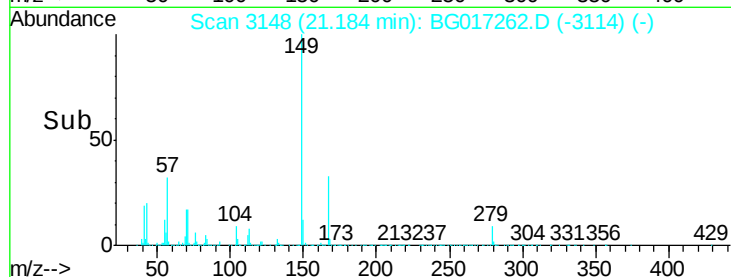
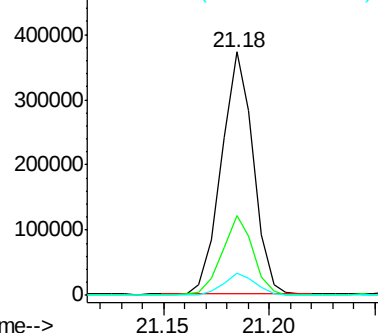
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.80 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11MSD

Tgt Ion:149 Resp: 388072
 Ion Ratio Lower Upper
 149 100
 167 32.7 25.4 38.2
 279 8.9 6.8 10.2

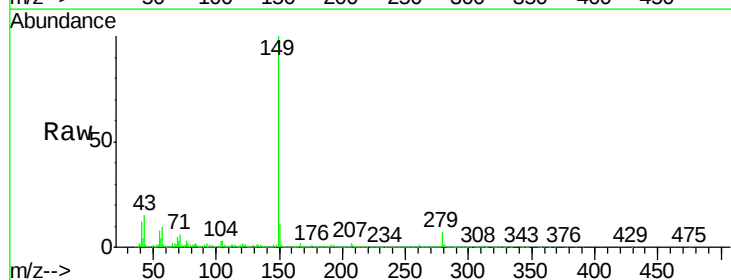


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

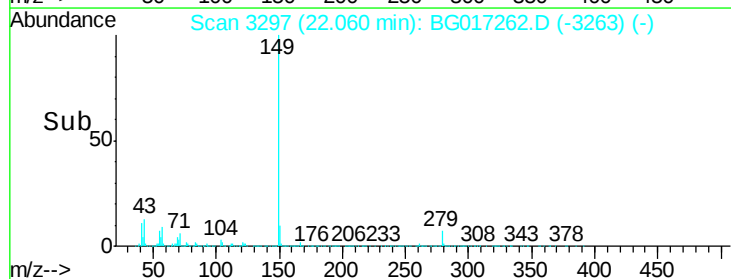
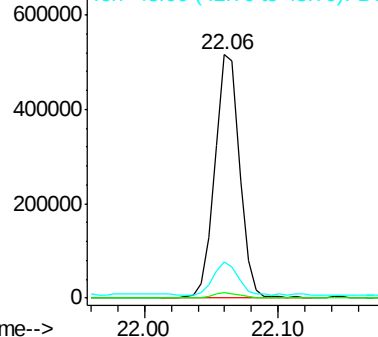


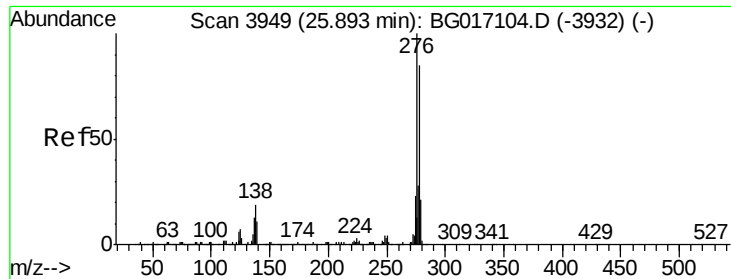
#84
 Di-n-octyl phthalate
 Concen: 48.19 ng
 RT: 22.06 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: BG017262.D
 Acq: 23 May 2015 2:45

Tgt Ion:149 Resp: 651394
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 13.3 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.12 ng

RT: 25.83 min Scan# 3939

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

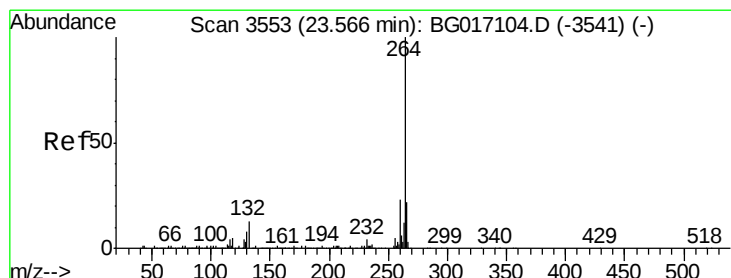
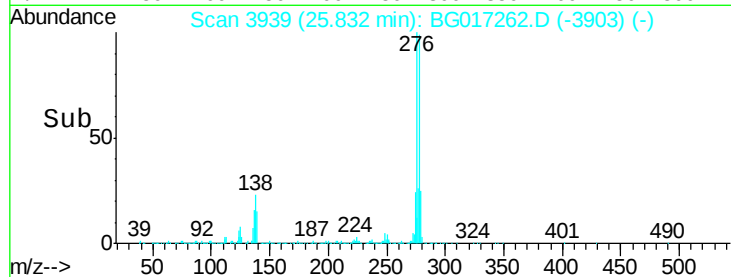
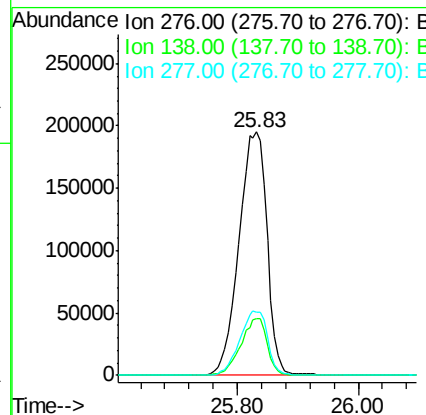
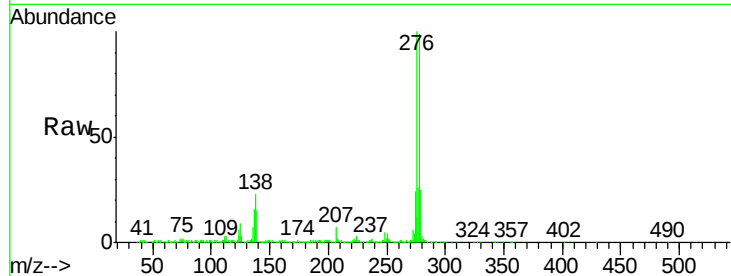
Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

Tgt Ion:	276	Resp:	629453
Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.0	24.0
277	26.2	20.9	31.3



#86

Perylene-d12

Concen: 20.00 ng

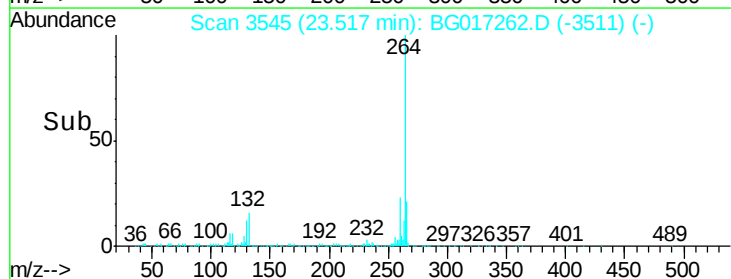
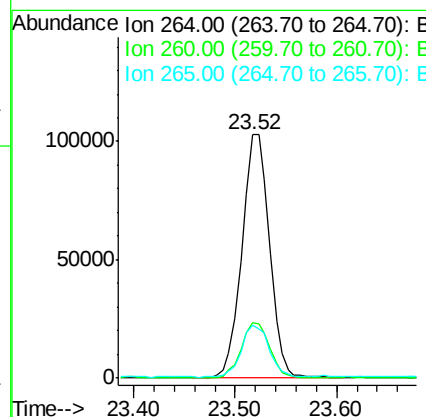
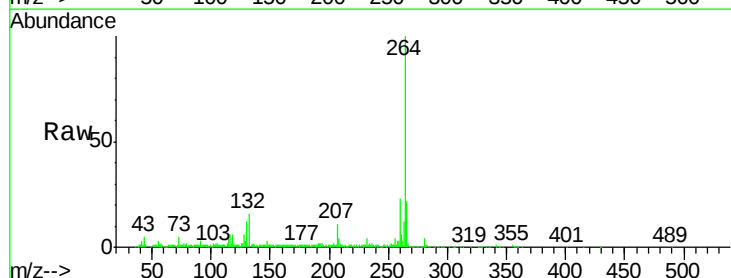
RT: 23.52 min Scan# 3545

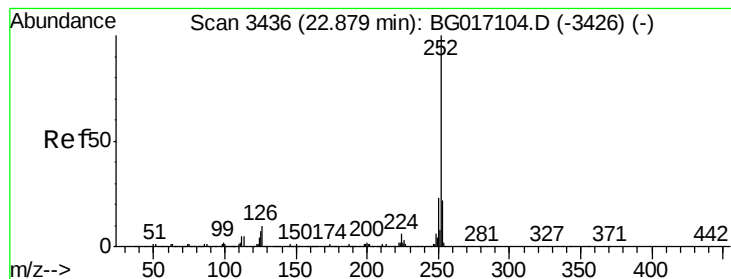
Delta R.T. 0.00 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Tgt Ion:	264	Resp:	193933
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.0	27.0
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.57 ng

RT: 22.84 min Scan# 3430

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

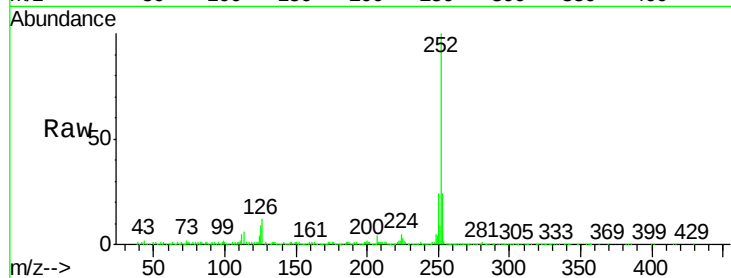
Tgt Ion:252 Resp: 560352

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

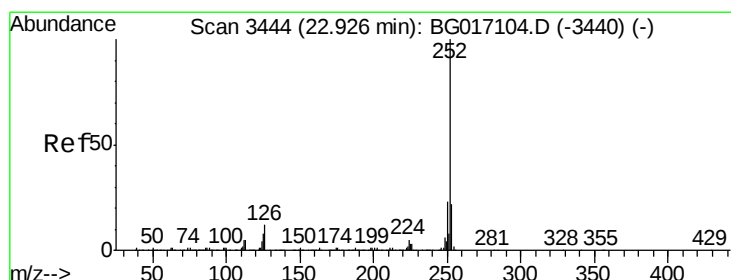
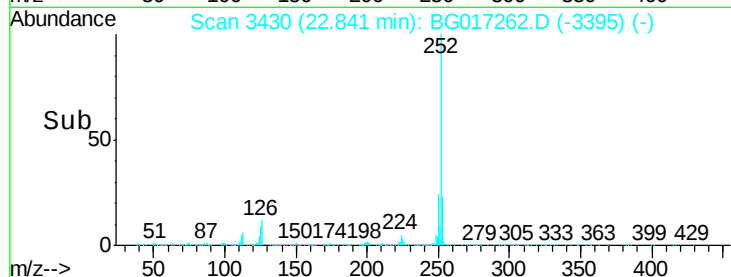
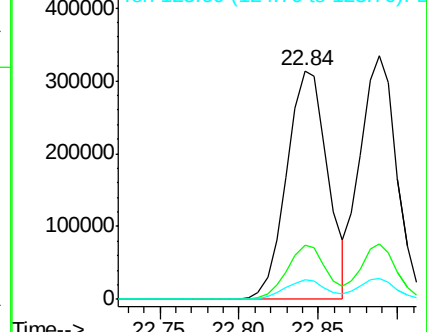
125 8.7 5.9 8.9



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: 49.65 ng

RT: 22.89 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

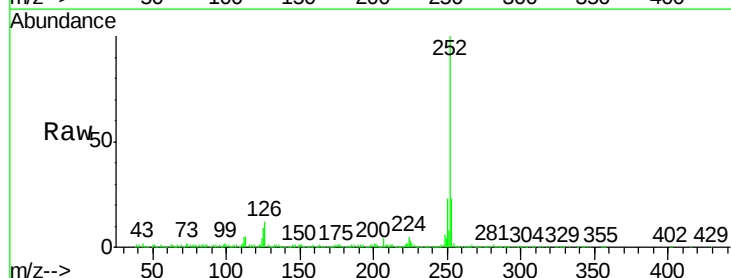
Tgt Ion:252 Resp: 532846

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

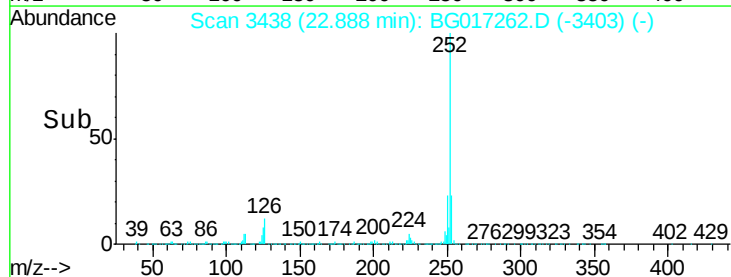
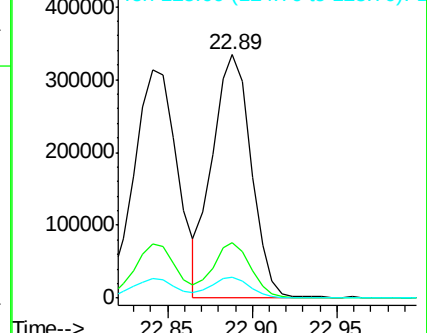
125 8.7 6.4 9.6

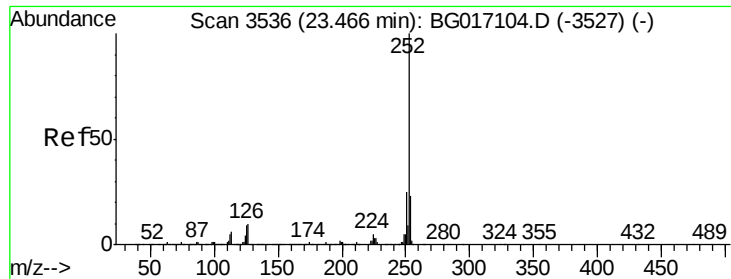


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.32 ng

RT: 23.42 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

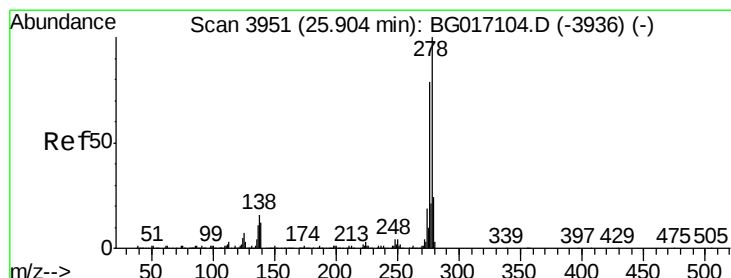
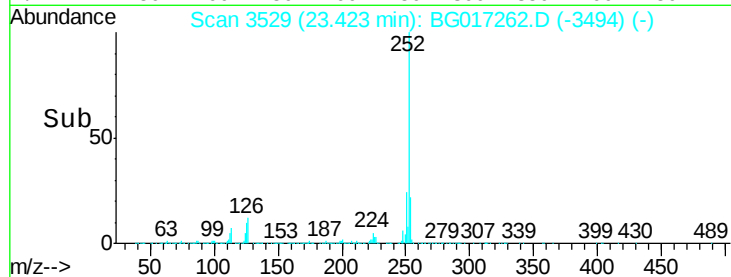
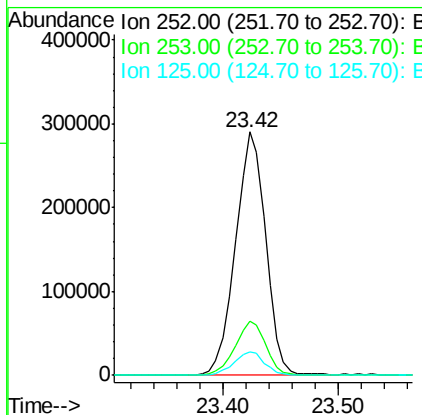
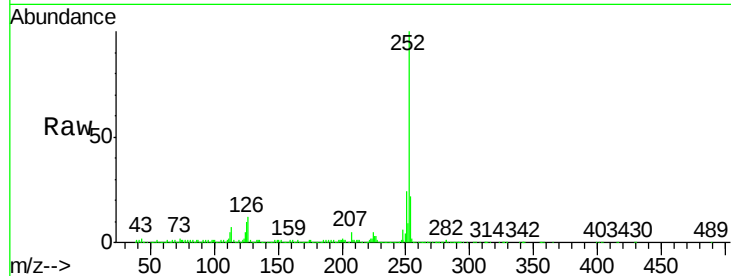
Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

Tgt Ion:	252	Resp:	522352
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	9.8	7.2	10.8



#90

Dibenzo(a,h)anthracene

Concen: 49.51 ng

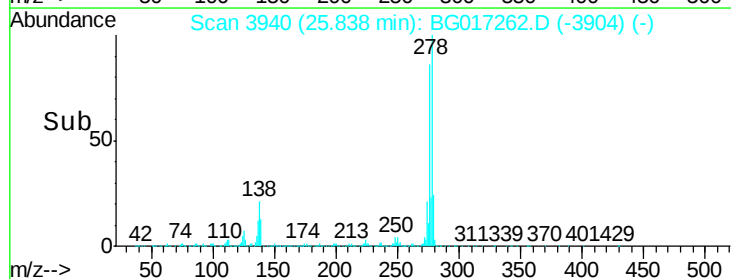
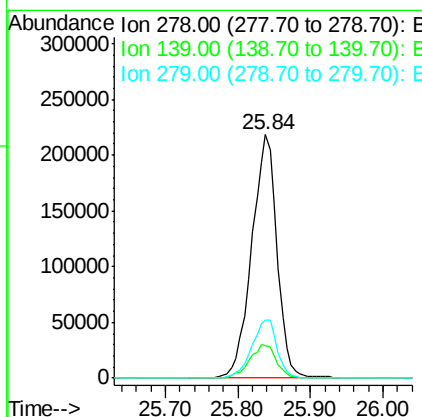
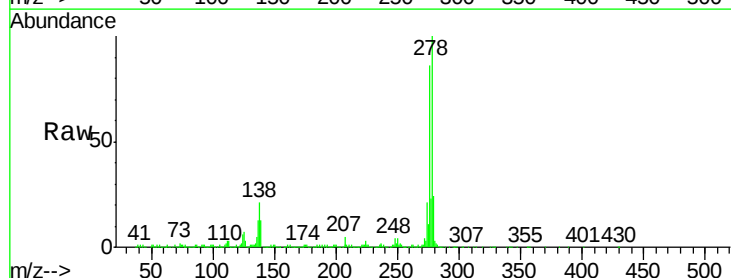
RT: 25.84 min Scan# 3940

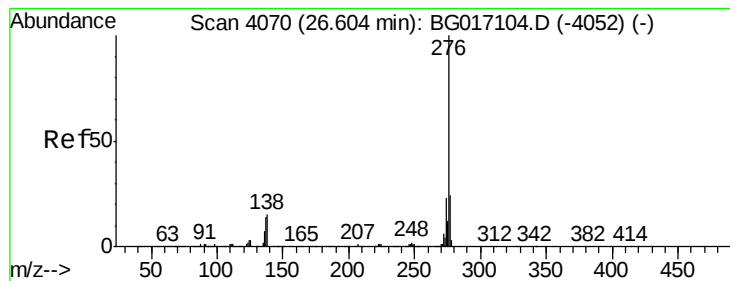
Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Tgt Ion:	278	Resp:	527655
Ion Ratio	Lower	Upper	
278	100		
139	13.4	9.4	14.2
279	23.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 50.44 ng

RT: 26.54 min Scan# 4059

Delta R.T. 0.01 min

Lab File: BG017262.D

Acq: 23 May 2015 2:45

Instrument :

BNA_G

ClientSampleId :

VE4-11MSD

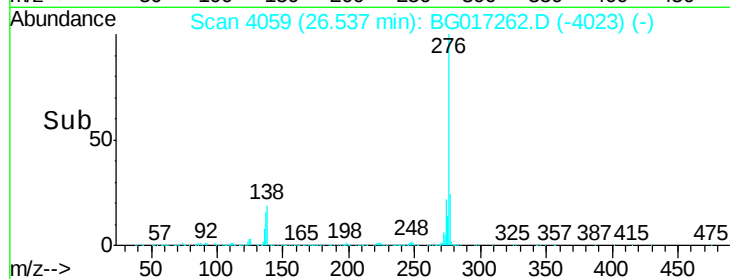
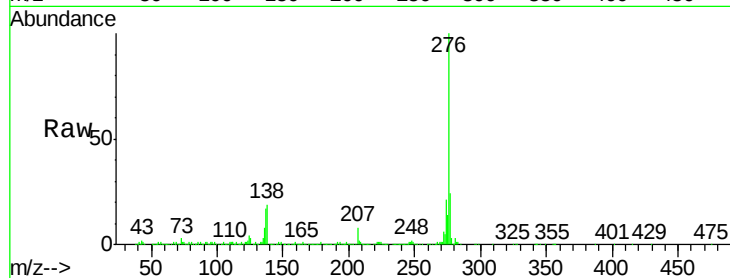
Tgt Ion: 276 Resp: 505976

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 18.9 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

26.54

200000

150000

100000

50000

0

Time-->