

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022544.D
 Acq On : 24 Jun 2016 18:47
 Operator : UM/SJ
 Sample : SSTDICV40
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

Quant Time: Jun 24 20:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	128848	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	537962	20.00	ng	0.01
38) Acenaphthene-d10	14.81	164	368205	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	876065	20.00	ng	0.01
75) Chrysene-d12	21.85	240	952995	20.00	ng	0.00
86) Perylene-d12	25.21	264	1005951	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	644960	80.29	ng	0.01
7) Phenol-d6	7.32	99	923027	81.52	ng	0.02
23) Nitrobenzene-d5	9.35	82	1020048	80.25	ng	0.01
41) 2,4,6-Tribromophenol	16.30	330	437656	75.57	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1850204	79.69	ng	0.01
78) Terphenyl-d14	20.16	244	2621946	72.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	142365	43.73	ng	92
3) Pyridine	4.01	79	409600	44.98	ng	97
4) n-Nitrosodimethylamine	3.91	42	210172	40.35	ng	97
6) Aniline	7.50	93	628199	41.85	ng	97
8) 2-Chlorophenol	7.74	128	327401	39.35	ng	99
9) Benzaldehyde	7.31	77	168332	42.24	ng	90
10) Phenol	7.34	94	485765	40.59	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	399123	40.51	ng	98
12) 1,3-Dichlorobenzene	8.07	146	395575	39.07	ng	97
13) 1,4-Dichlorobenzene	8.21	146	399630	39.37	ng	97
14) 1,2-Dichlorobenzene	8.54	146	379553	39.32	ng	96
15) Benzyl Alcohol	8.41	79	452531	43.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.71	45	441475	40.52	ng	97
17) 2-Methylphenol	8.61	107	322770	40.92	ng	97
18) Hexachloroethane	9.28	117	166562	39.64	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	374250	39.69	ng	99
20) 3+4-Methylphenols	8.94	107	433224	39.87	ng	97
22) Acetophenone	9.01	105	613226	39.43	ng	# 99
24) Nitrobenzene	9.39	77	546567	38.91	ng	94
25) Isophorone	9.92	82	952745	38.61	ng	98
26) 2-Nitrophenol	10.11	139	200114	39.55	ng	93
27) 2,4-Dimethylphenol	10.15	122	369056	38.17	ng	94
28) bis(2-Chloroethoxy)methane	10.40	93	522266	38.77	ng	98
29) 2,4-Dichlorophenol	10.64	162	366751	38.94	ng	98
30) 1,2,4-Trichlorobenzene	10.86	180	426598	38.14	ng	96
31) Naphthalene	11.05	128	1048940	38.79	ng	99
32) Benzoic acid	10.27	122	244884	39.73	ng	97
33) 4-Chloroaniline	11.15	127	480510	41.25	ng	97
34) Hexachlorobutadiene	11.33	225	339196	39.02	ng	94
35) Caprolactam	11.93	113	115239	38.84	ng	# 91
36) 4-Chloro-3-methylphenol	12.26	107	445929	38.57	ng	98
37) 2-Methylnaphthalene	12.65	142	796049	37.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	522175	37.56	ng	99
40) Hexachlorocyclopentadiene	12.99	237	440687	39.71	ng	99

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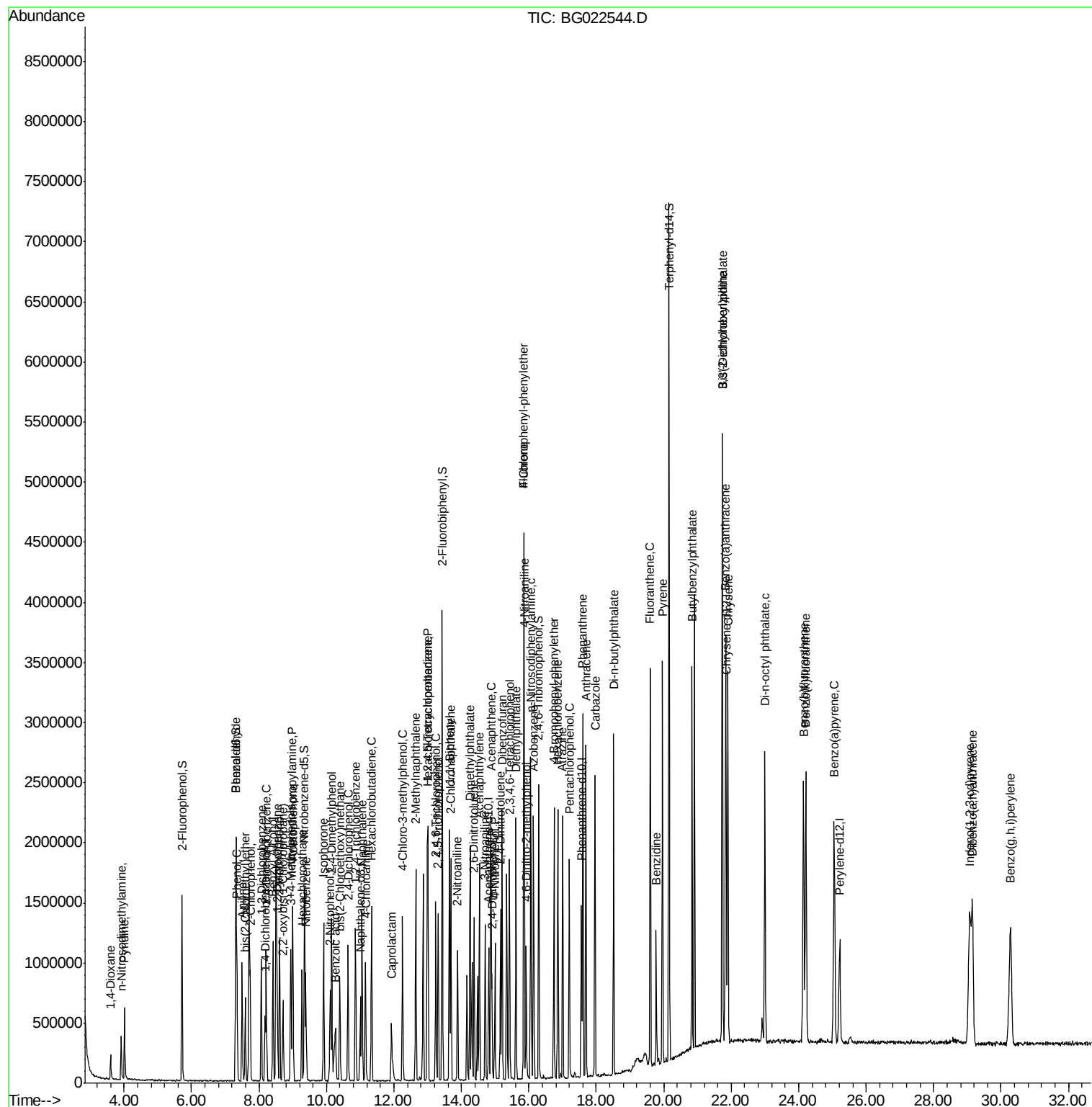
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42) 2,4,6-Trichlorophenol	13.24	196	348822	39.13	ng	94
43) 2,4,5-Trichlorophenol	13.31	196	365763	39.21	ng	92
45) 1,1'-Biphenyl	13.64	154	1064184	37.94	ng	97
46) 2-Chloronaphthalene	13.69	162	871791	37.77	ng	97
47) 2-Nitroaniline	13.88	65	347325	38.99	ng	94
48) Acenaphthylene	14.54	152	1283781	38.35	ng	99
49) Dimethylphthalate	14.26	163	1164009	38.11	ng	97
50) 2,6-Dinitrotoluene	14.38	165	263660	39.72	ng	88
51) Acenaphthene	14.88	154	952481	38.62	ng	99
52) 3-Nitroaniline	14.71	138	247205	39.81	ng	95
53) 2,4-Dinitrophenol	14.91	184	167738	41.03	ng	94
54) Dibenzofuran	15.21	168	1345298	37.66	ng	99
55) 4-Nitrophenol	14.99	139	211156	40.21	ng	95
56) 2,4-Dinitrotoluene	15.16	165	364104	39.60	ng	97
57) Fluorene	15.86	166	1081346	37.94	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	377797	39.07	ng	# 99
59) Diethylphthalate	15.62	149	1176175	37.46	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	638709	37.64	ng	98
61) 4-Nitroaniline	15.87	138	243488	38.00	ng	91
62) Azobenzene	16.14	77	1282769	37.72	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	235801	40.13	ng	93
65) n-Nitrosodiphenylamine	16.06	169	997604	39.13	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	437360	38.48	ng	97
67) Hexachlorobenzene	16.86	284	455977	37.94	ng	98
68) Atrazine	17.00	200	425759	39.55	ng	98
69) Pentachlorophenol	17.20	266	325271	39.33	ng	98
70) Phenanthrene	17.60	178	1746022	39.08	ng	98
71) Anthracene	17.70	178	1777009	38.65	ng	99
72) Carbazole	17.96	167	1541750	39.56	ng	99
73) Di-n-butylphthalate	18.51	149	1845267	40.65	ng	100
74) Fluoranthene	19.60	202	2023029	39.31	ng	99
76) Benzidine	19.78	184	638815	62.96	ng	98
77) Pyrene	19.96	202	2060211	40.59	ng	98
79) Butylbenzylphthalate	20.84	149	885626	40.31	ng	99
80) Benzo(a)anthracene	21.83	228	2162360	41.01	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	877422	40.28	ng	97
82) Chrysene	21.90	228	2032401	41.01	ng	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1235779	39.94	ng	99
84) Di-n-octyl phthalate	23.00	149	2049864	40.20	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	2617674	40.20	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2367811	39.15	ng	99
88) Benzo(k)fluoranthene	24.21	252	2278175	39.84	ng	# 98
89) Benzo(a)pyrene	25.06	252	2301485	39.03	ng	# 99
90) Dibenzo(a,h)anthracene	29.15	278	2153952	38.80	ng	# 93
91) Benzo(g,h,i)perylene	30.28	276	2166600	38.34	ng	98

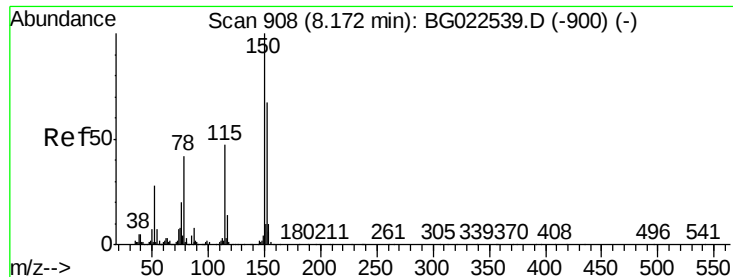
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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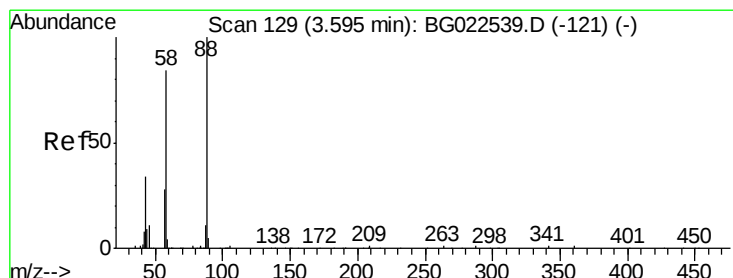
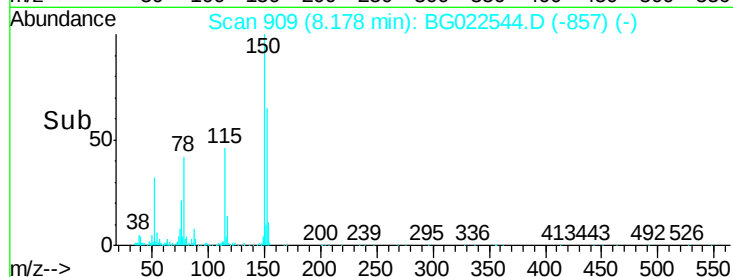
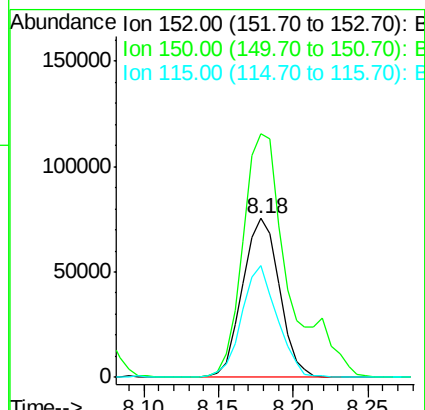
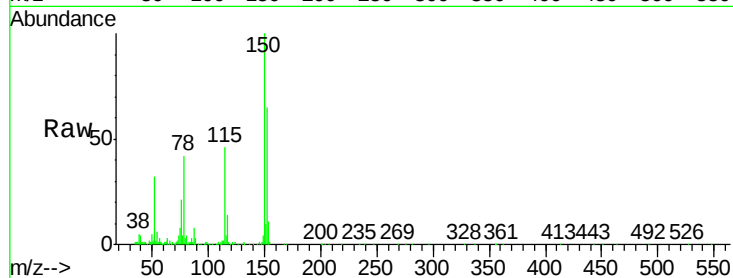


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Instrument :
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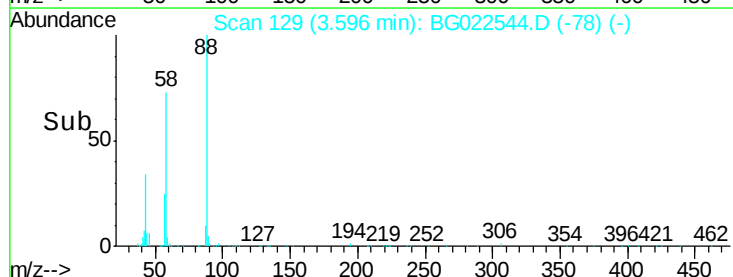
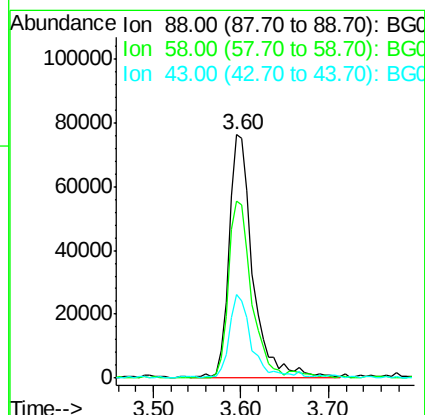
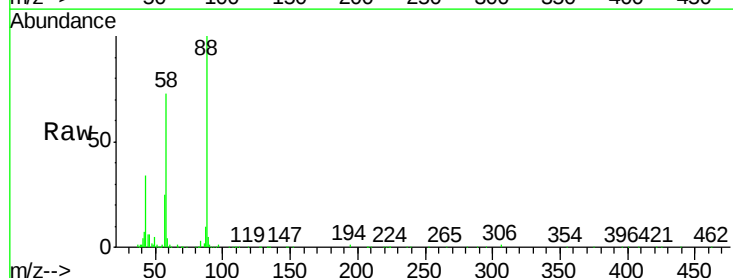
Tgt Ion:152 Resp: 128848
Ion Ratio Lower Upper
152 100
150 153.2 144.7 217.1
115 70.5 64.0 96.0

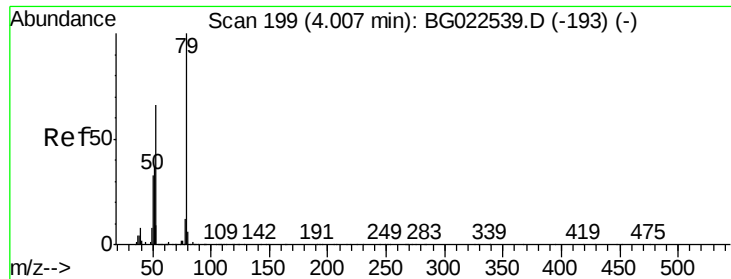


#2

1,4-Dioxane
Concen: 43.73 ng
RT: 3.60 min Scan# 129
Delta R.T. -0.00 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion: 88 Resp: 142365
Ion Ratio Lower Upper
88 100
58 69.8 60.4 90.6
43 31.8 31.1 46.7





#3

Pyridine

Concen: 44.98 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

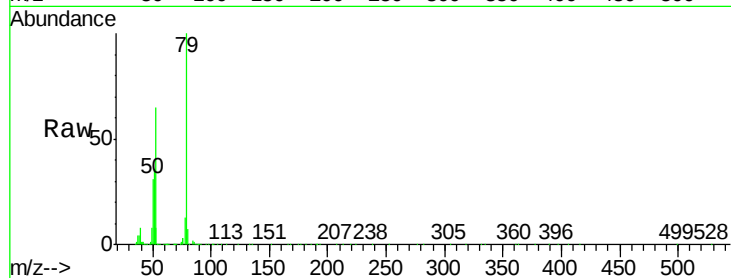
Tgt Ion: 79 Resp: 409600

Ion Ratio Lower Upper

79 100

52 65.2 51.8 77.8

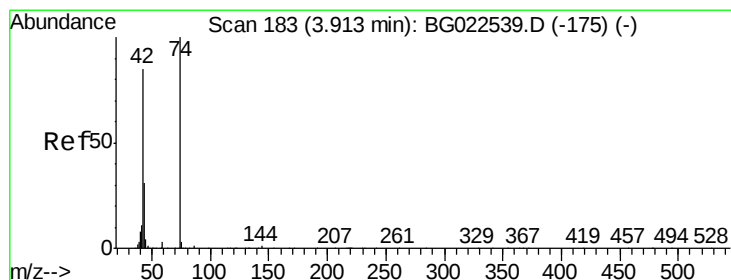
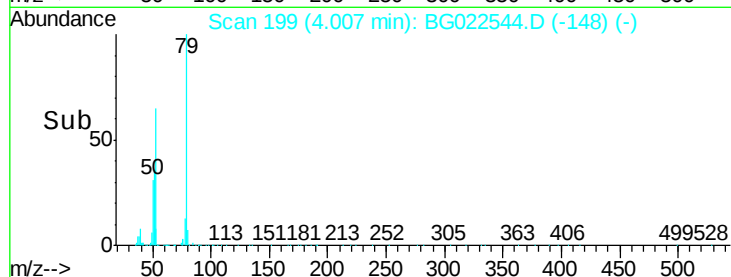
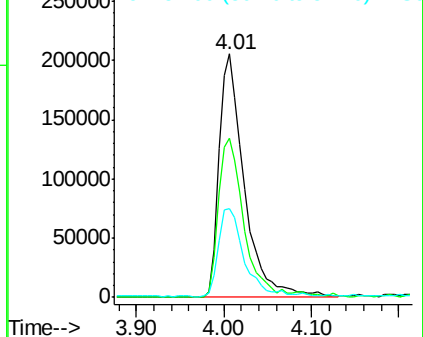
51 36.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.35 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.00 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

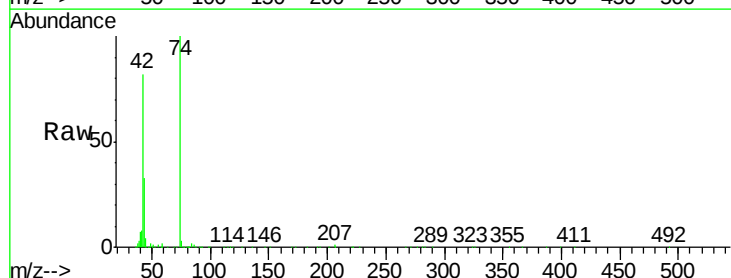
Tgt Ion: 42 Resp: 210172

Ion Ratio Lower Upper

42 100

74 121.8 100.6 150.8

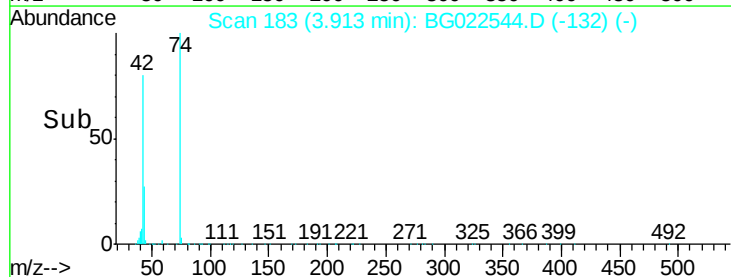
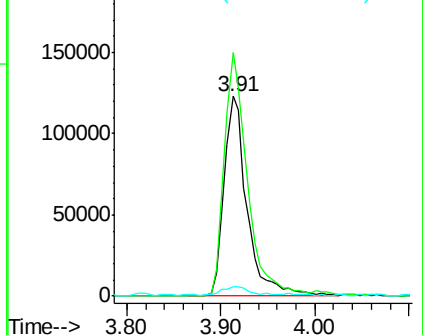
44 4.7 4.5 6.7

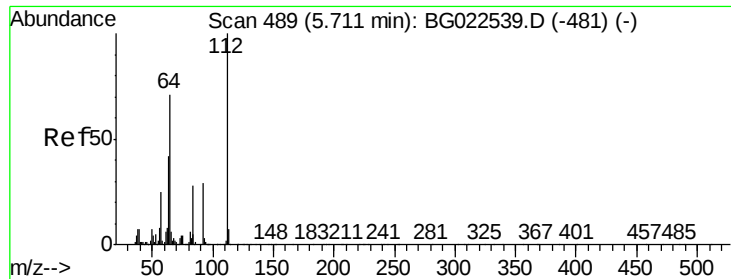


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.29 ng

RT: 5.72 min Scan# 490

Delta R.T. 0.01 min

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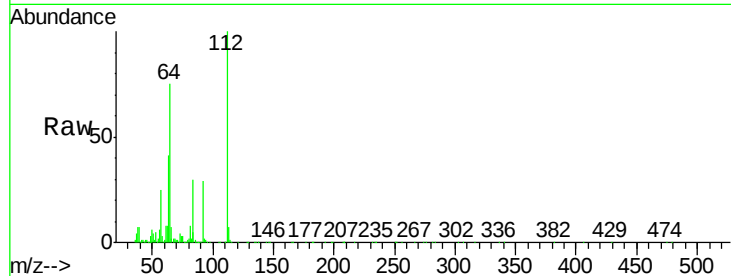
Tgt Ion: 112 Resp: 644960

Ion Ratio Lower Upper

112 100

64 75.0 59.0 88.4

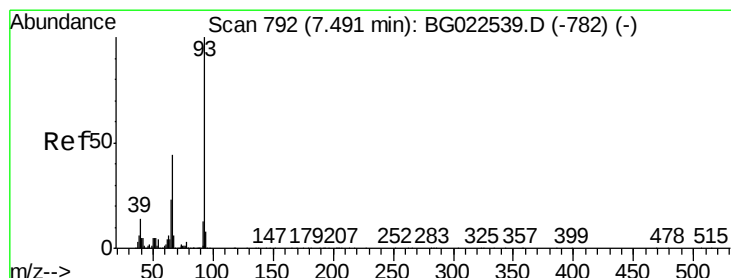
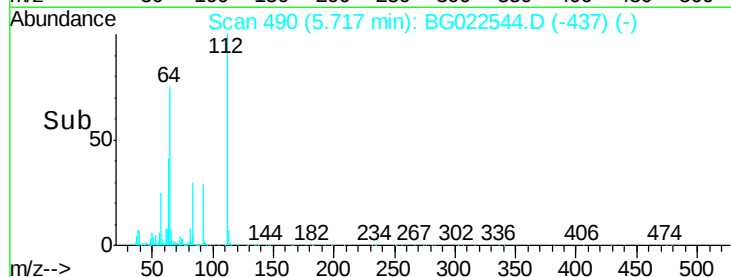
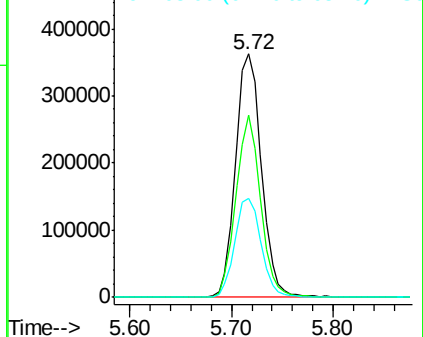
63 40.6 37.8 56.8



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: 41.85 ng

RT: 7.50 min Scan# 793

Delta R.T. 0.01 min

Lab File: BG022544.D

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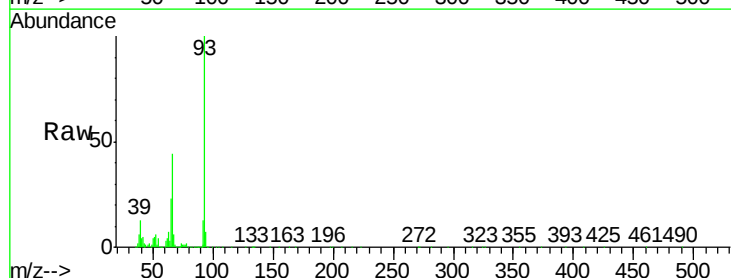
Tgt Ion: 93 Resp: 628199

Ion Ratio Lower Upper

93 100

66 43.9 37.5 56.3

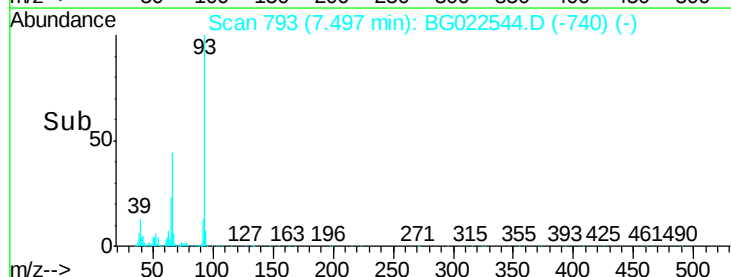
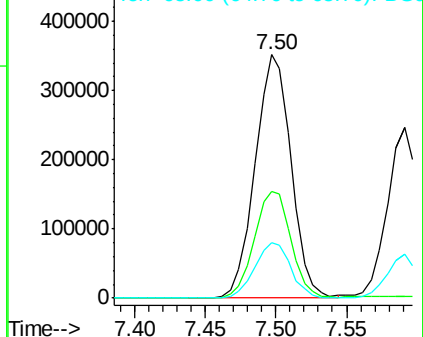
65 23.0 17.9 26.9



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: 81.52 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

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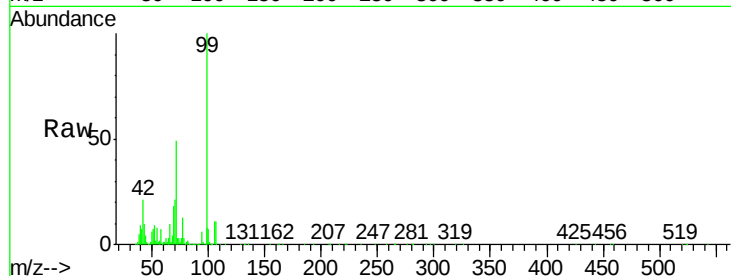
Tgt Ion: 99 Resp: 923027

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

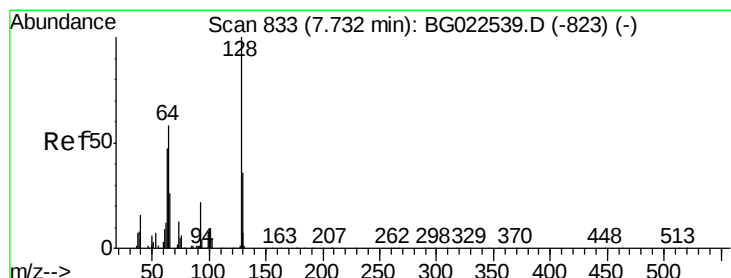
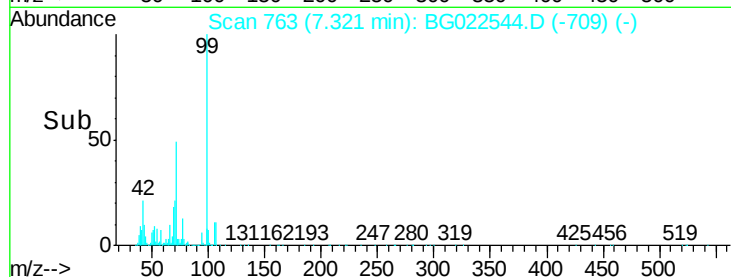
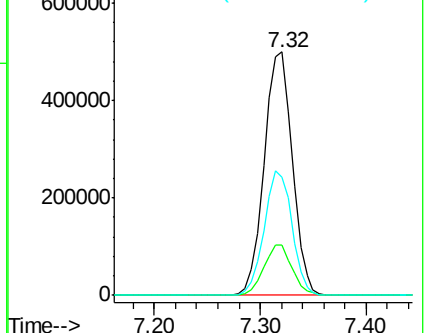
71 48.5 41.5 62.3



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: 39.35 ng

RT: 7.74 min Scan# 834

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

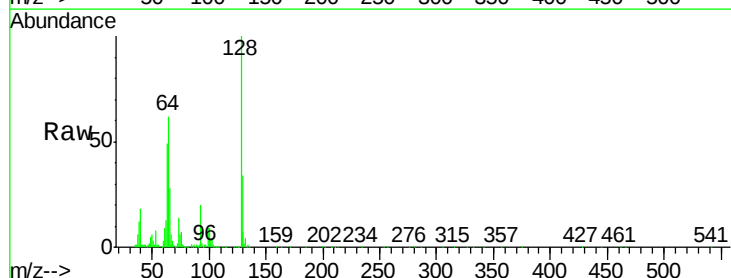
Tgt Ion: 128 Resp: 327401

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

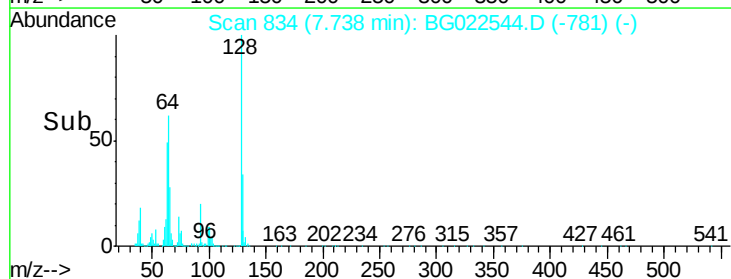
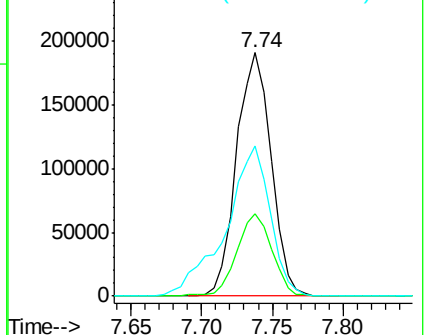
64 61.7 42.0 82.0

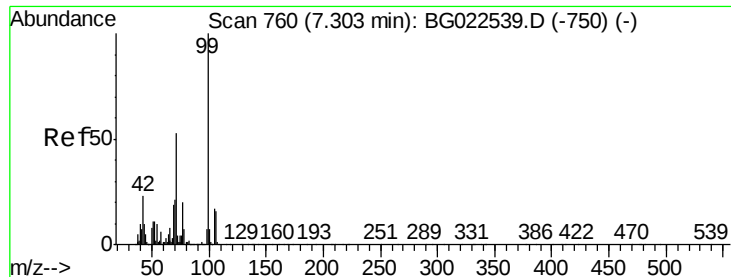


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.24 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

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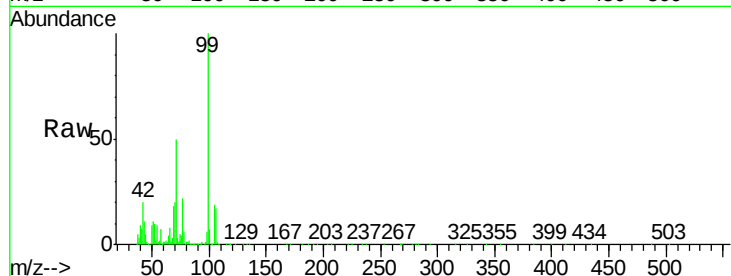
Tgt Ion: 77 Resp: 168332

Ion Ratio Lower Upper

77 100

105 86.3 58.7 98.7

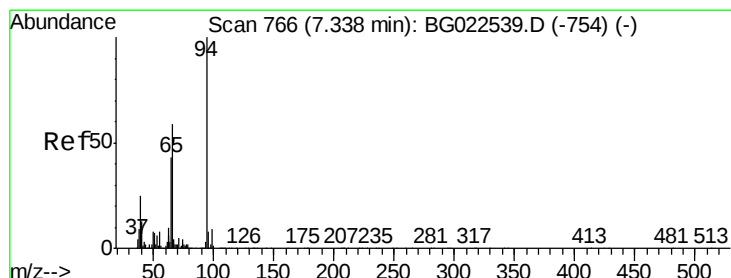
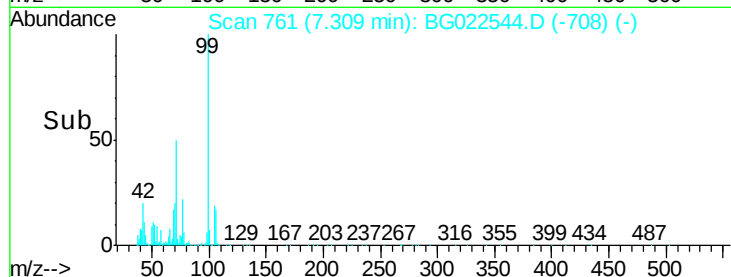
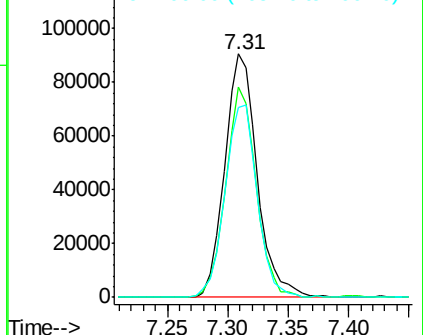
106 77.7 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.59 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

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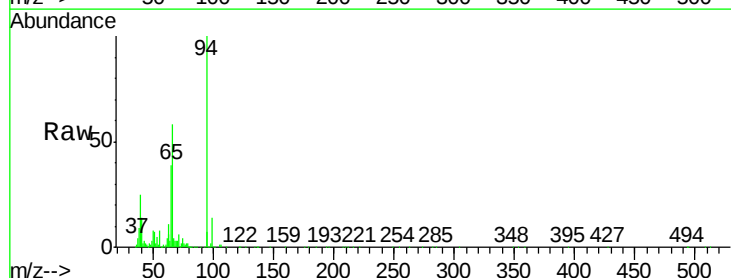
Tgt Ion: 94 Resp: 485765

Ion Ratio Lower Upper

94 100

65 39.3 18.1 58.1

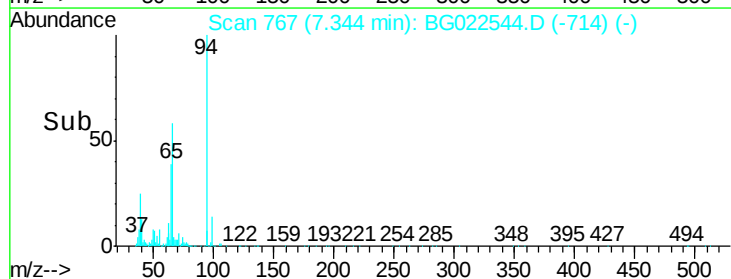
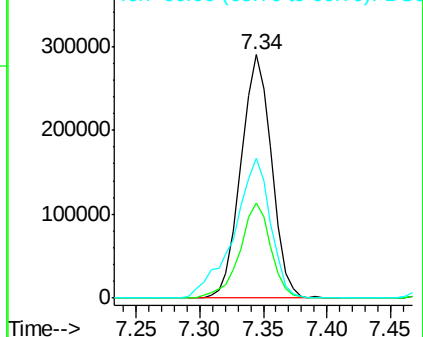
66 57.7 42.1 82.1

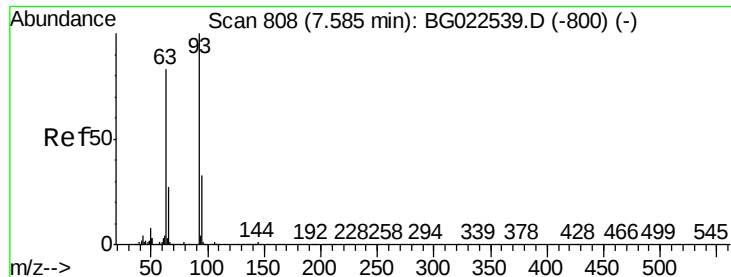


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

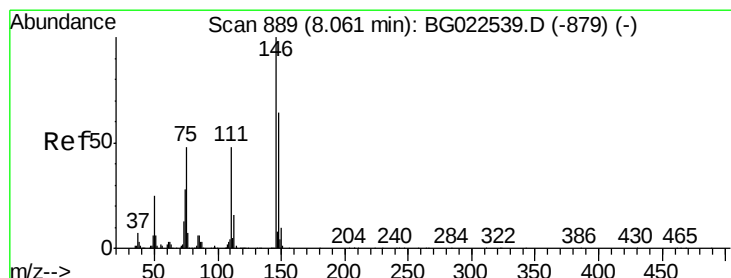
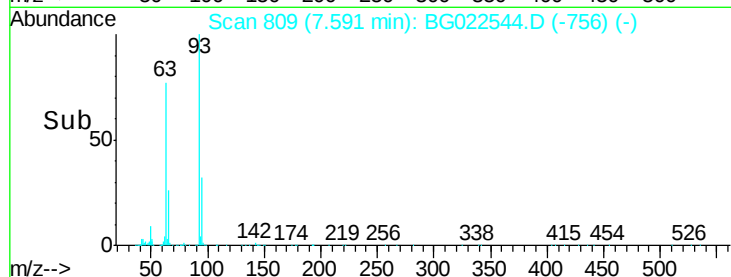
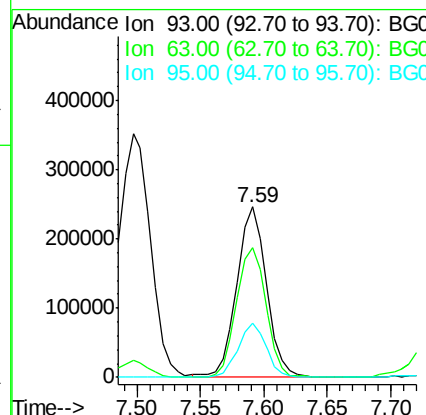
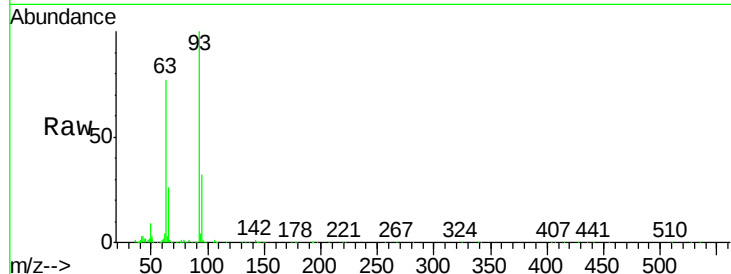




#11
bis(2-Chloroethyl)ether
Concen: 40.51 ng
RT: 7.59 min Scan# 809
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

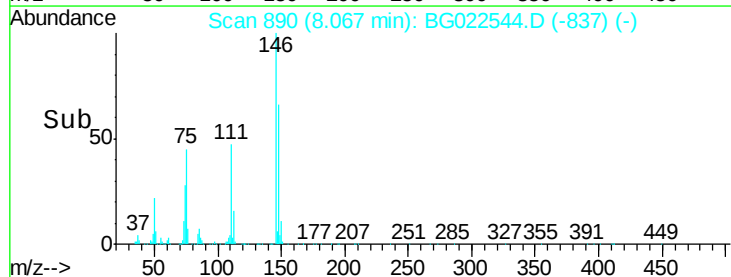
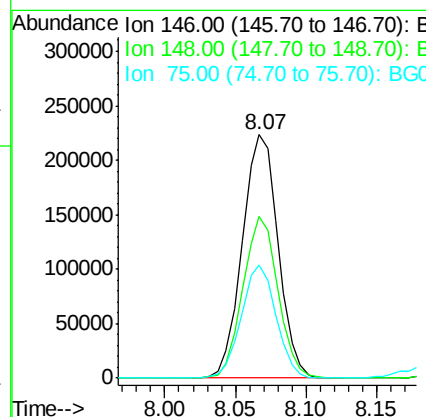
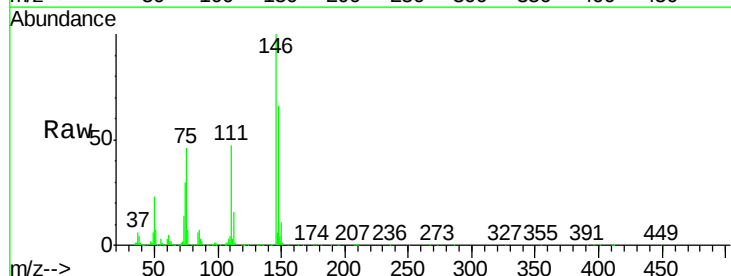
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

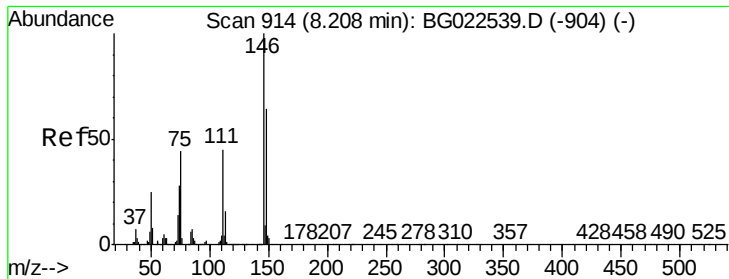
Tgt Ion: 93 Resp: 399123
Ion Ratio Lower Upper
93 100
63 76.5 55.0 95.0
95 31.9 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 39.07 ng
RT: 8.07 min Scan# 890
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion: 146 Resp: 395575
Ion Ratio Lower Upper
146 100
148 66.5 50.3 75.5
75 46.2 37.0 55.6

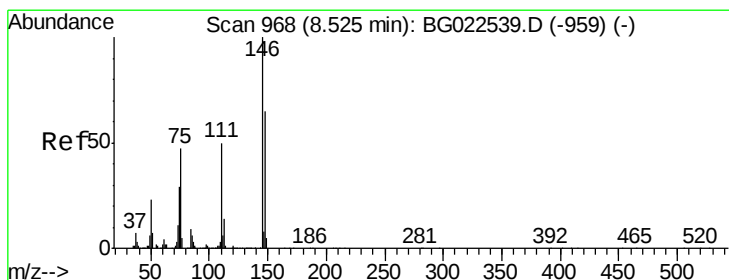
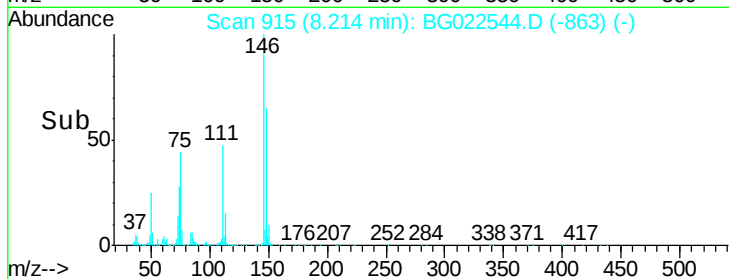
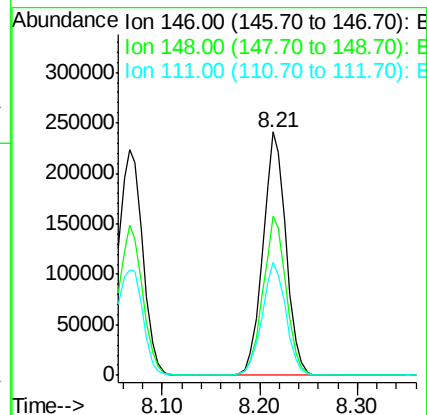
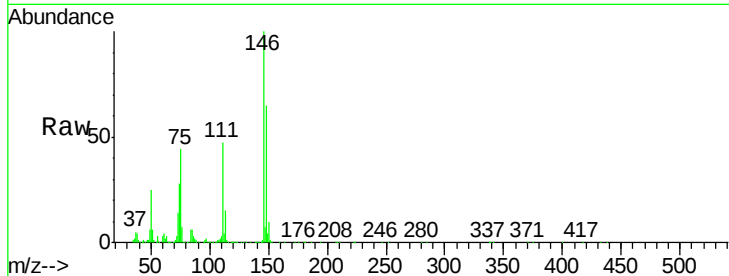




#13
 1,4-Dichlorobenzene
 Concen: 39.37 ng
 RT: 8.21 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

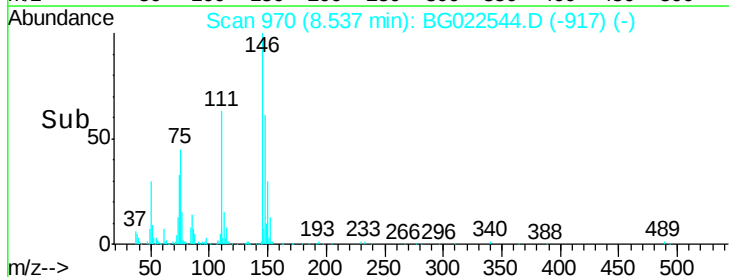
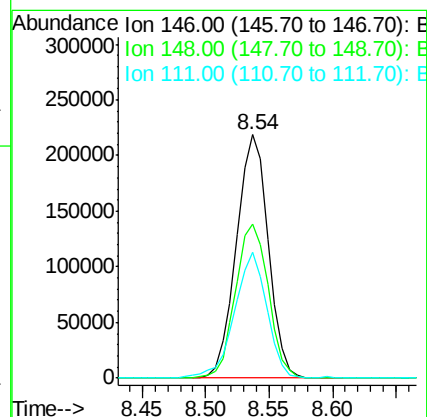
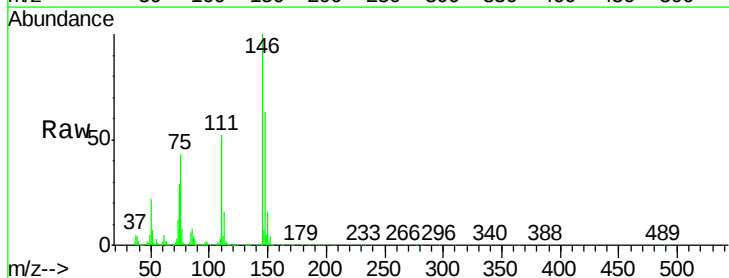
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

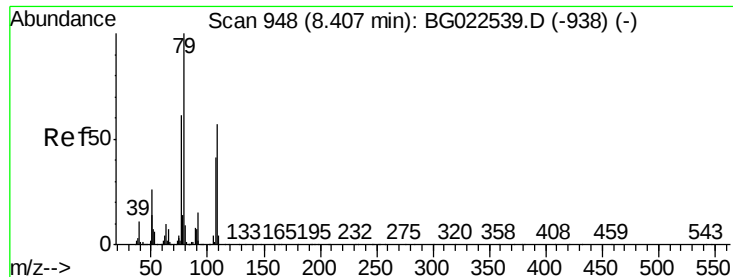
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.5	81.7
111	46.6	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 39.32 ng
 RT: 8.54 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.9	79.3
111	51.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 43.19 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

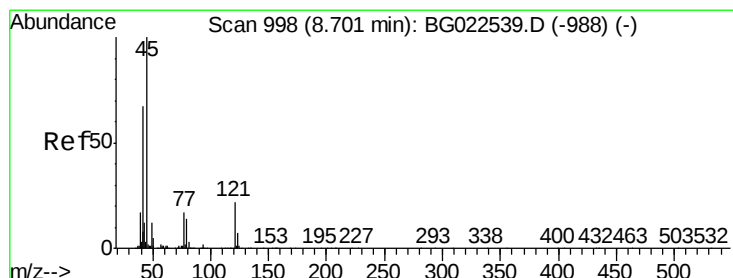
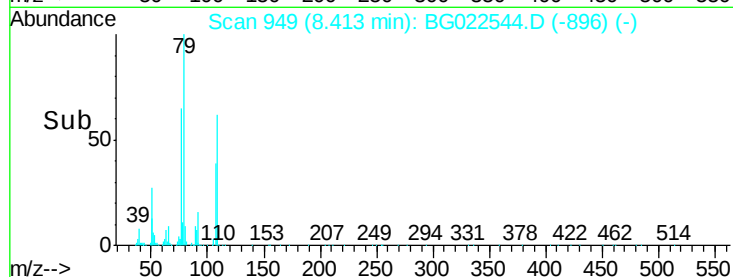
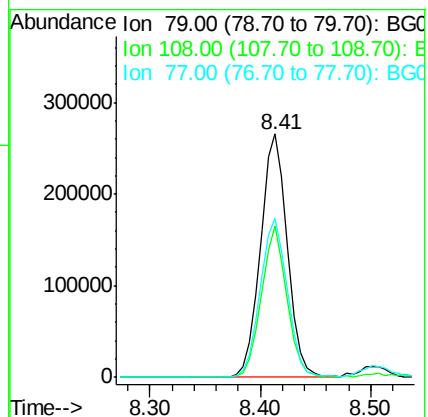
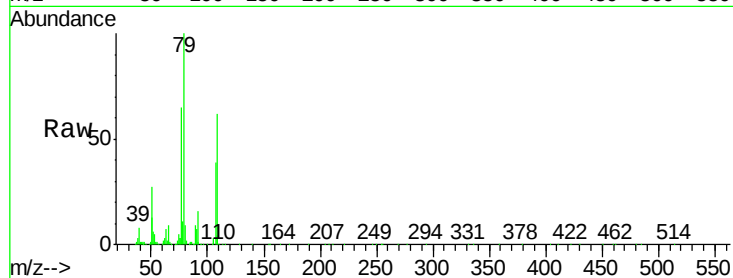
Tgt Ion: 79 Resp: 452531

Ion Ratio Lower Upper

79 100

108 62.4 46.5 69.7

77 65.1 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.52 ng

RT: 8.71 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

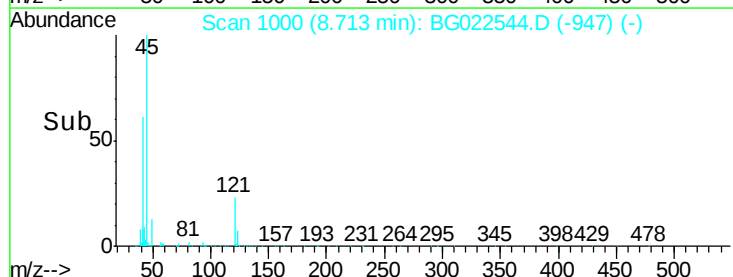
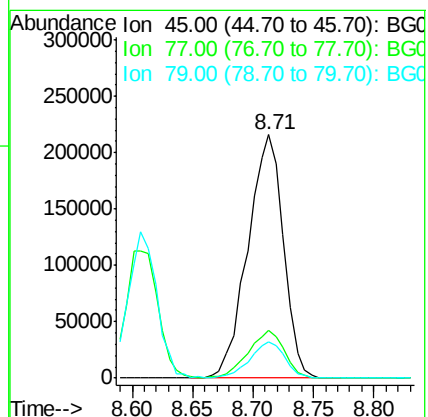
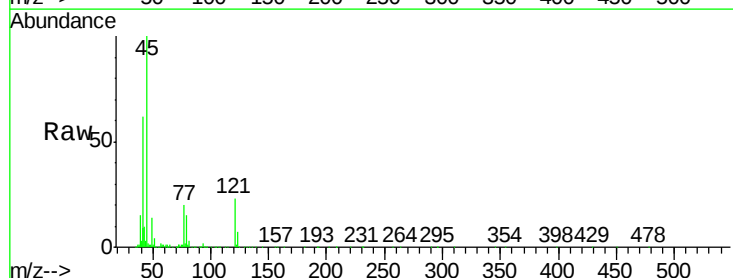
Tgt Ion: 45 Resp: 441475

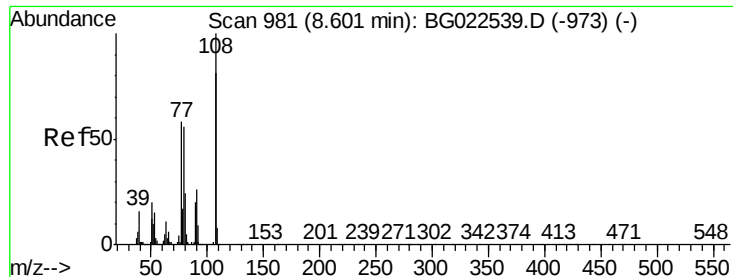
Ion Ratio Lower Upper

45 100

77 19.6 0.6 40.6

79 14.9 0.0 36.2

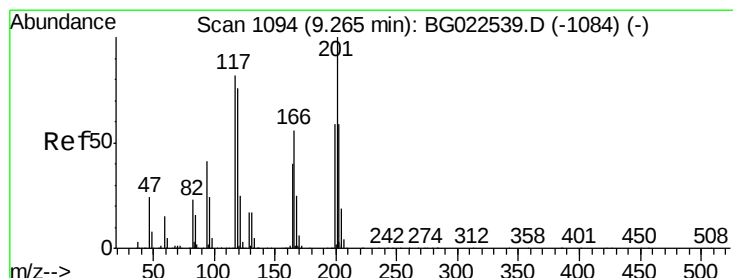
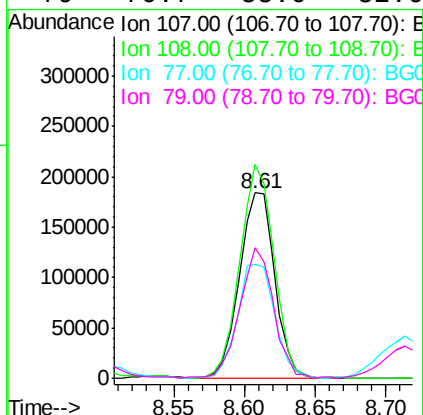
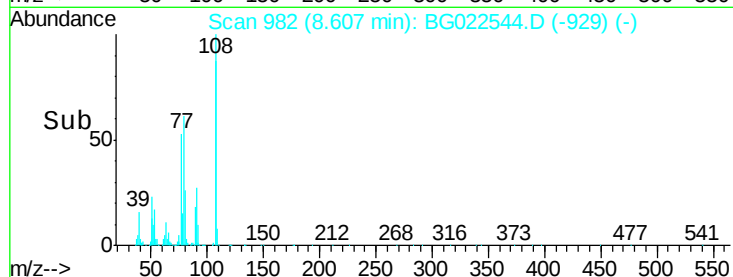
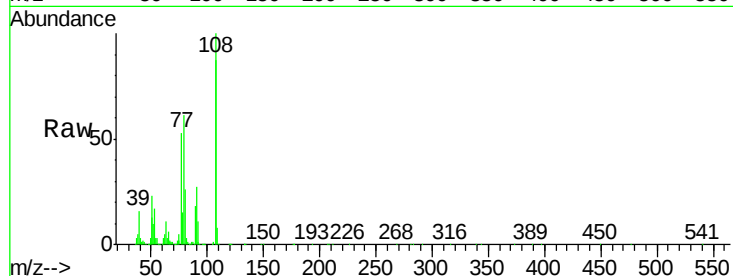




#17
2-Methylphenol
Concen: 40.92 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

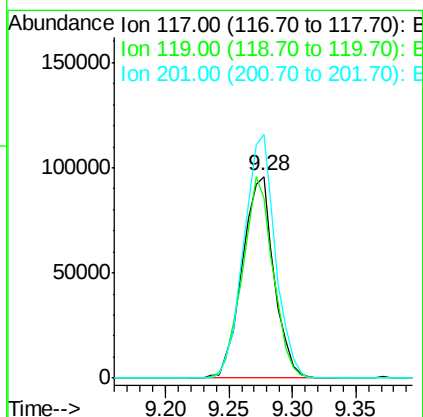
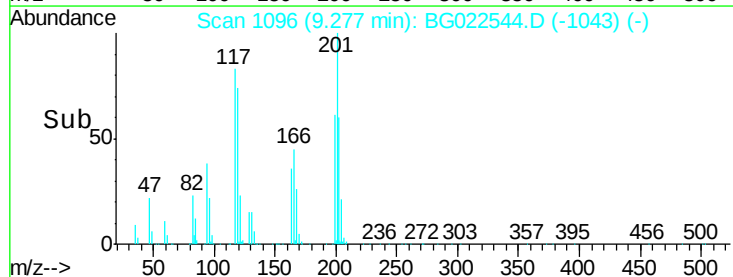
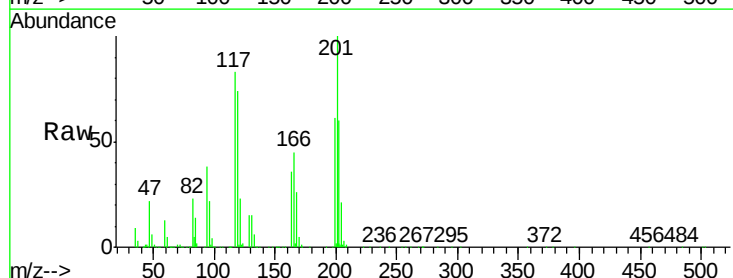
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

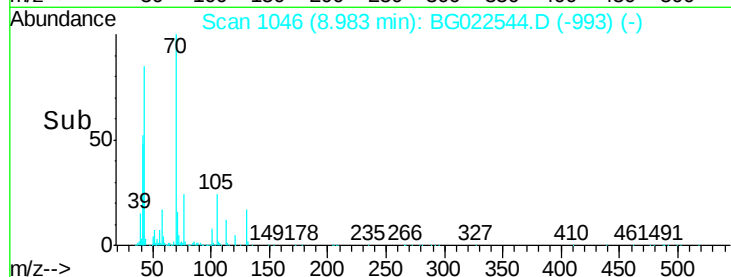
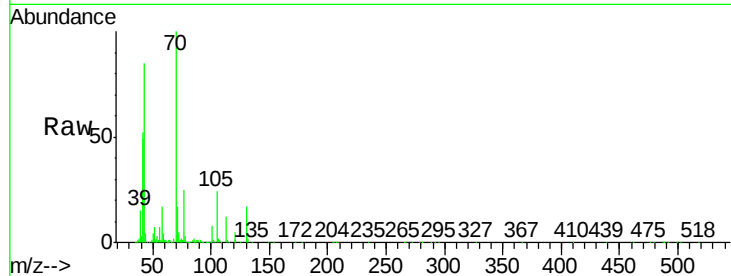
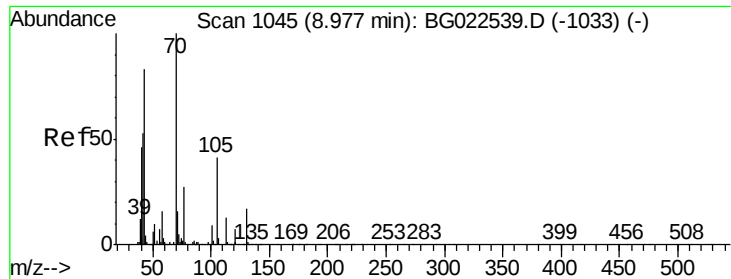
Tgt Ion:	107	Resp:	322770
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	61.6	55.8	83.6
79	70.7	55.0	82.6



#18
Hexachloroethane
Concen: 39.64 ng
RT: 9.28 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:	117	Resp:	166562
Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.7	110.5
201	120.5	88.7	133.1

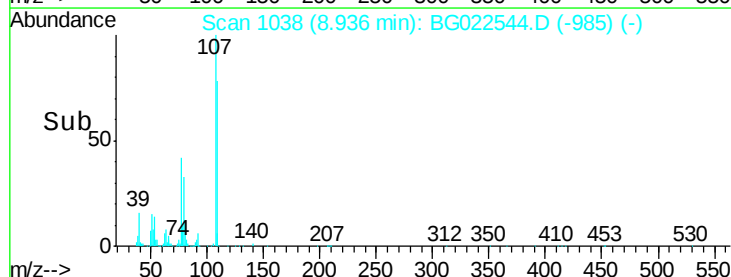
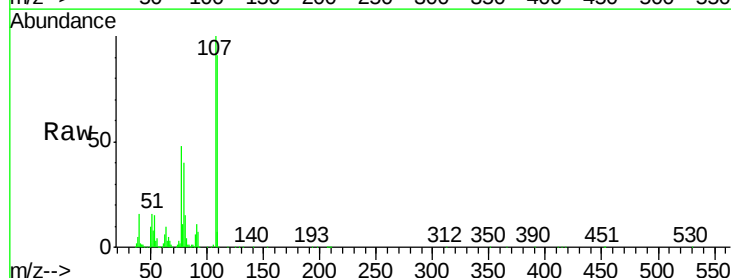
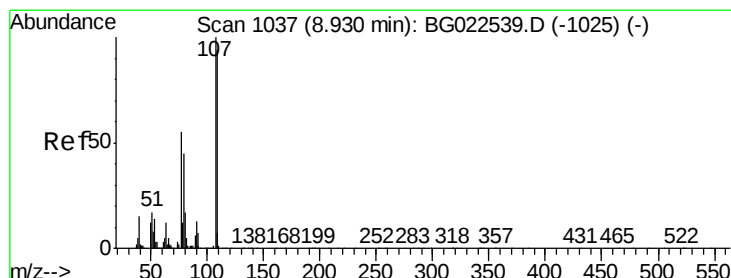
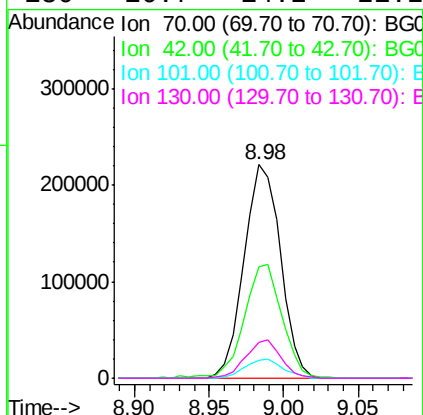




#19
n-Nitroso-di-n-propylamine
Concen: 39.69 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

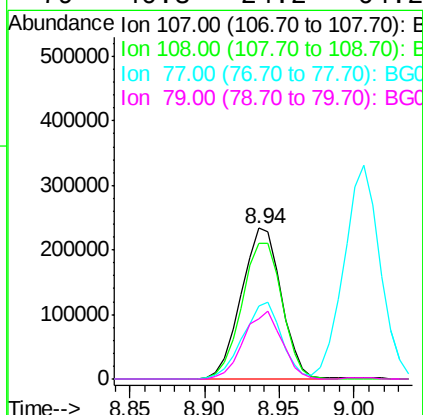
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

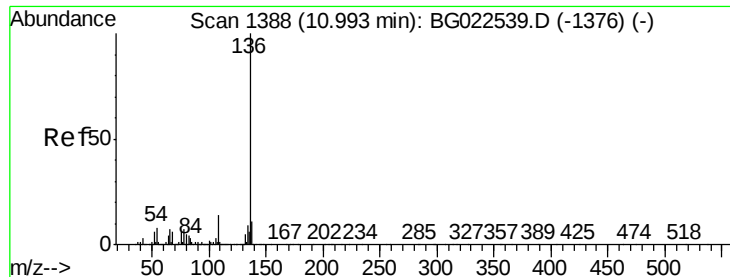
Tgt Ion:	70	Resp:	374250
Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.1	63.1
101	8.2	7.2	10.8
130	16.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 39.87 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:	107	Resp:	433224
Ion	Ratio	Lower	Upper
107	100		
108	90.6	72.5	112.5
77	48.4	30.1	70.1
79	40.3	24.2	64.2

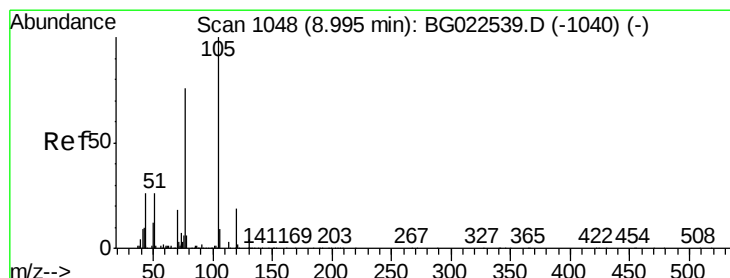
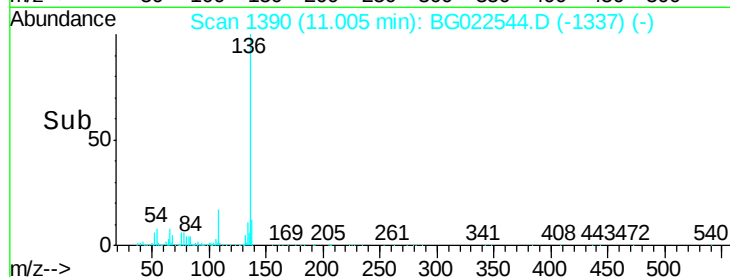
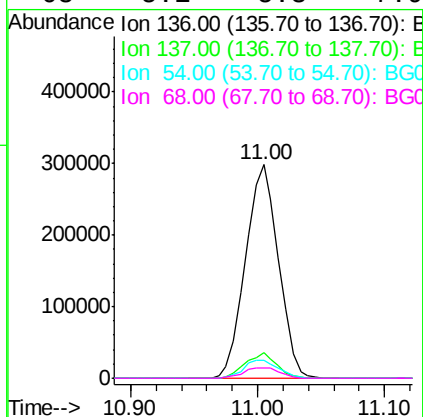
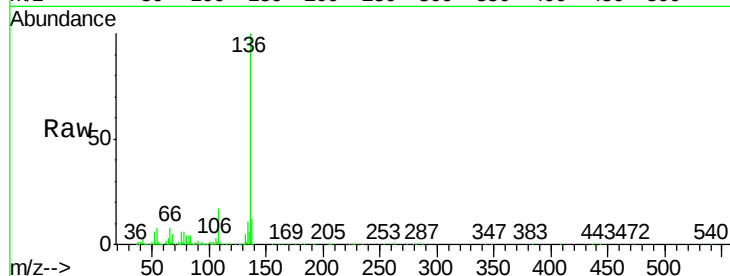




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

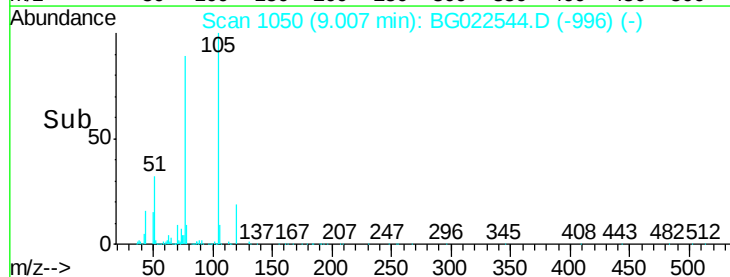
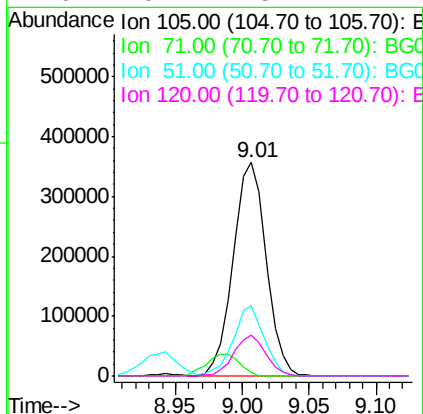
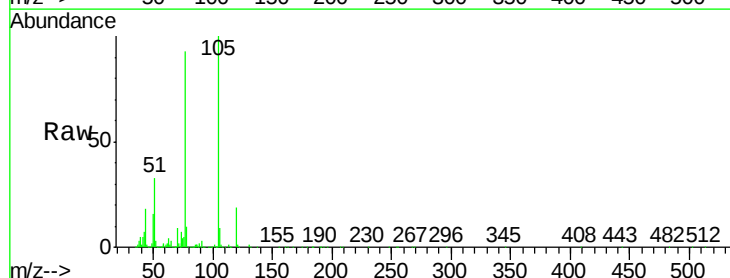
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

Tgt Ion:	136	Resp:	537962
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	8.3	7.3	10.9
68	5.1	5.3	7.9#



#22
Acetophenone
Concen: 39.43 ng
RT: 9.01 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:	105	Resp:	613226
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	3.8#
51	32.9	27.1	40.7
120	19.1	15.1	22.7

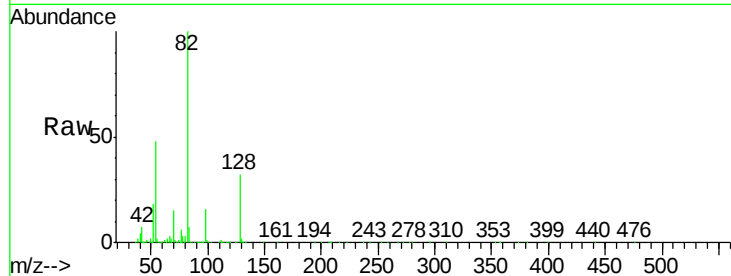




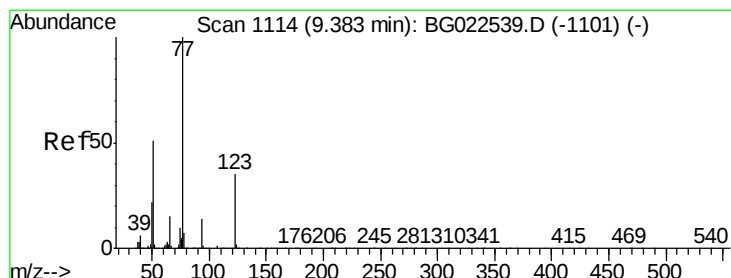
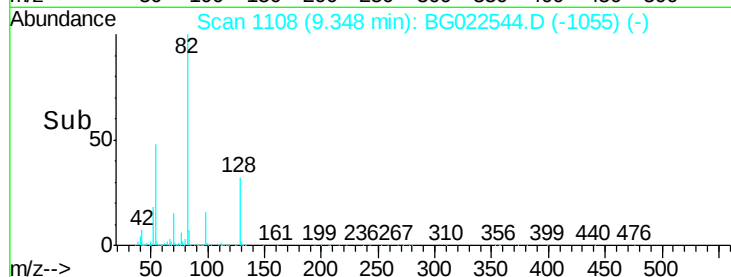
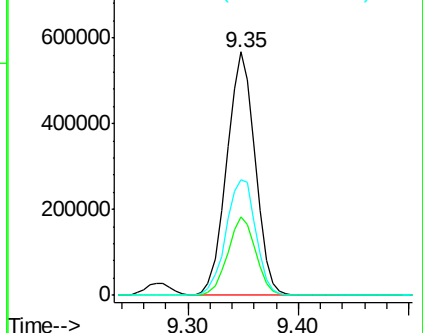
#23
 Nitrobenzene-d5
 Concen: 80.25 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

Tgt Ion: 82 Resp: 1020048
 Ion Ratio Lower Upper
 82 100
 128 32.0 24.4 36.6
 54 47.7 41.4 62.0

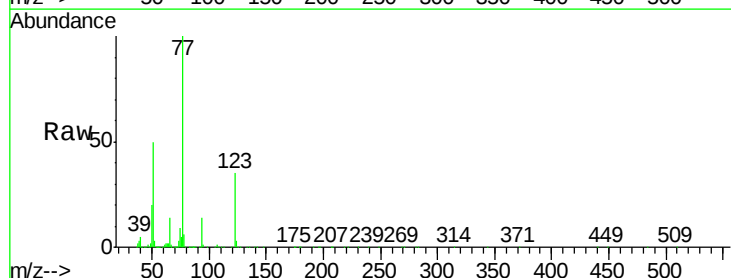


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

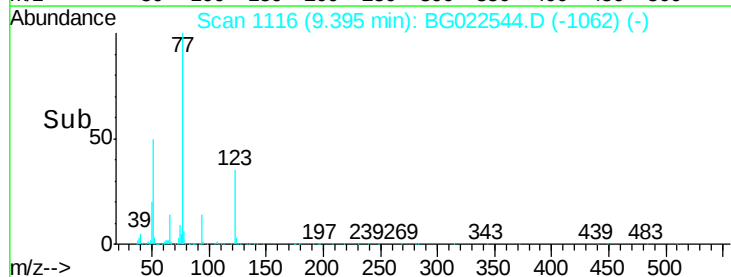
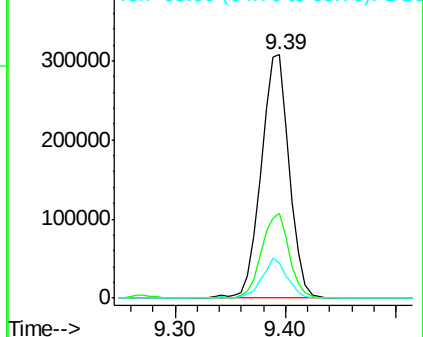


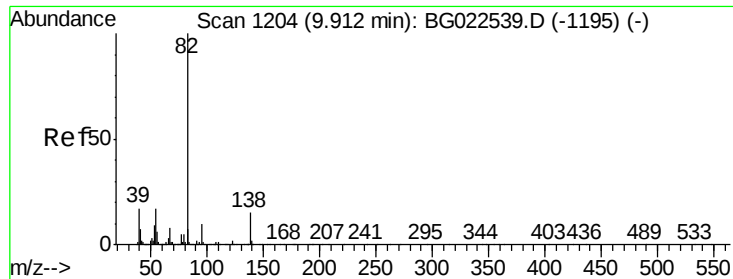
#24
 Nitrobenzene
 Concen: 38.91 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. 0.02 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion: 77 Resp: 546567
 Ion Ratio Lower Upper
 77 100
 123 34.8 25.0 37.6
 65 14.3 13.4 20.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

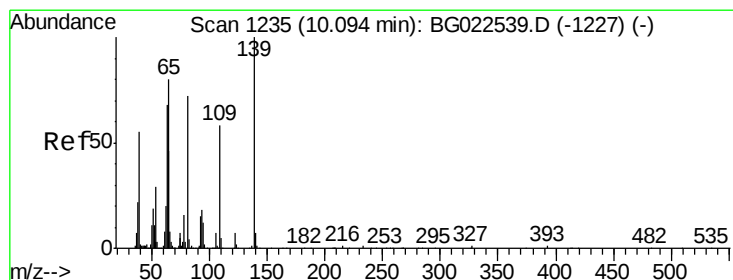
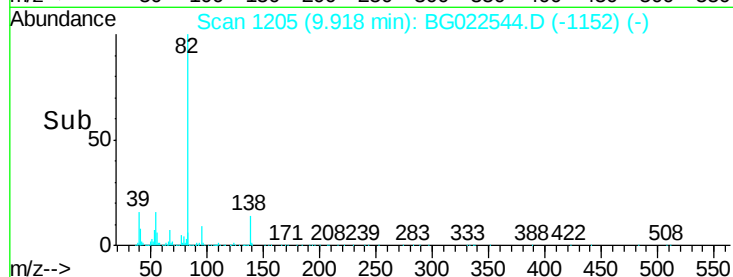
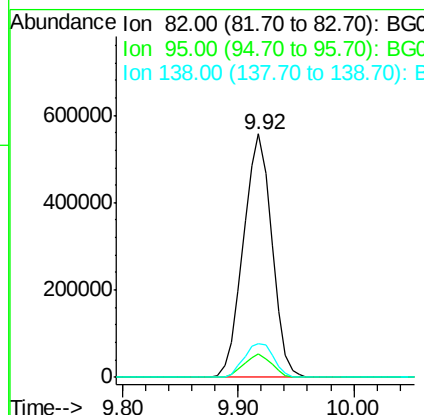
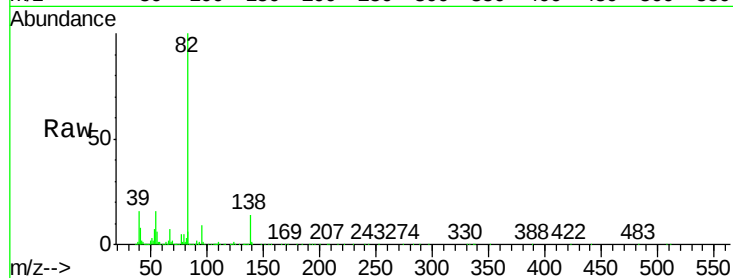




#25
Isophorone
Concen: 38.61 ng
RT: 9.92 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

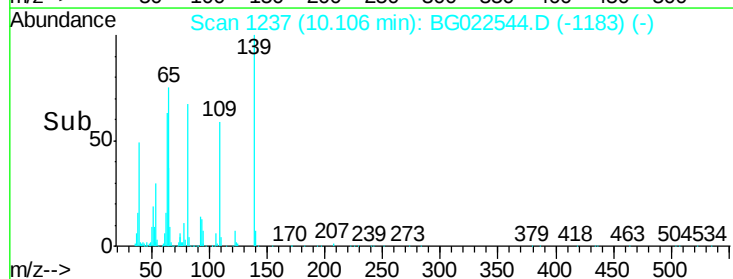
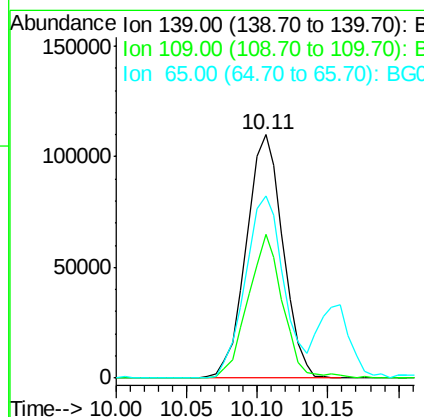
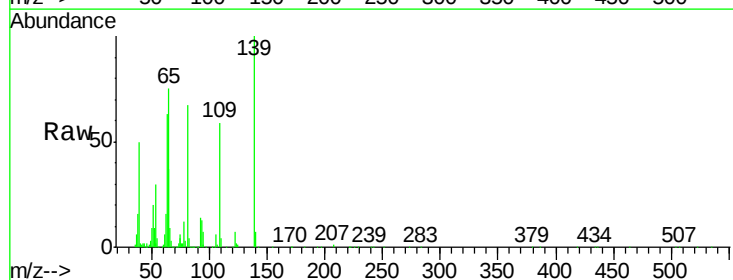
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

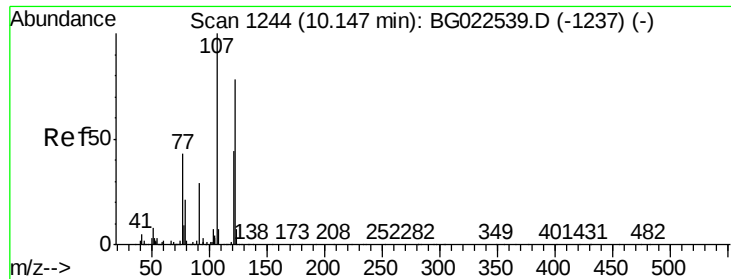
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	8.2	12.2
138	14.1	10.7	16.1



#26
2-Nitrophenol
Concen: 39.55 ng
RT: 10.11 min Scan# 1237
Delta R.T. 0.02 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	43.5	65.3
65	74.8	64.3	96.5

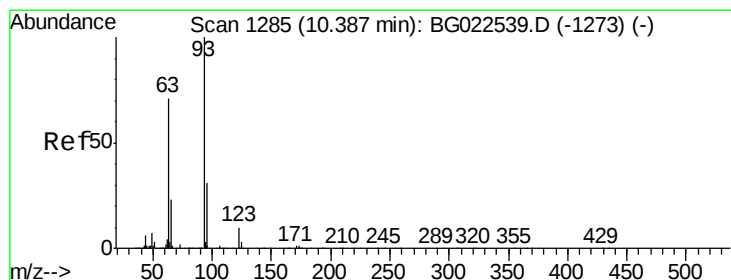
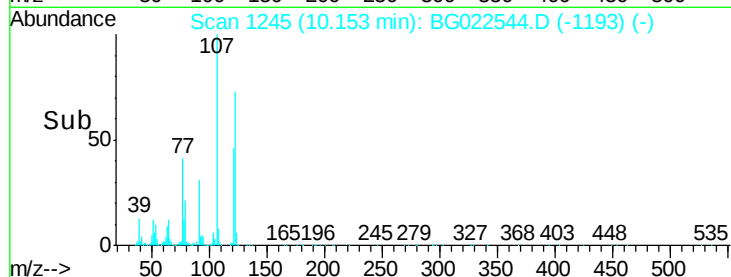
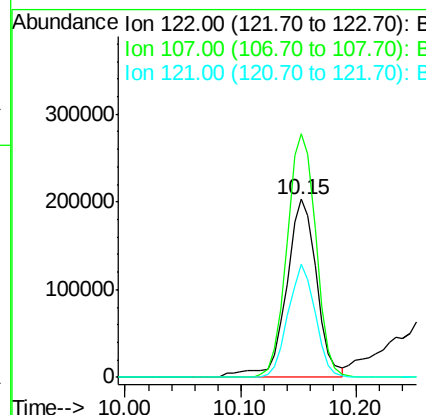
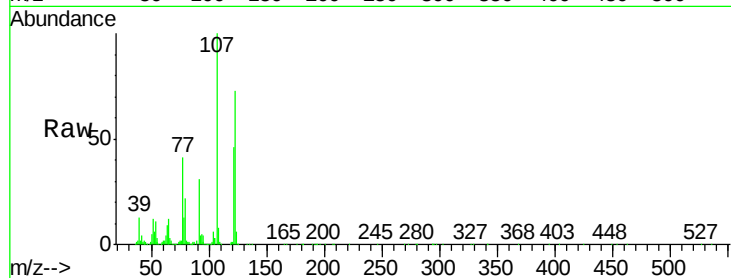




#27
 2,4-Dimethylphenol
 Concen: 38.17 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

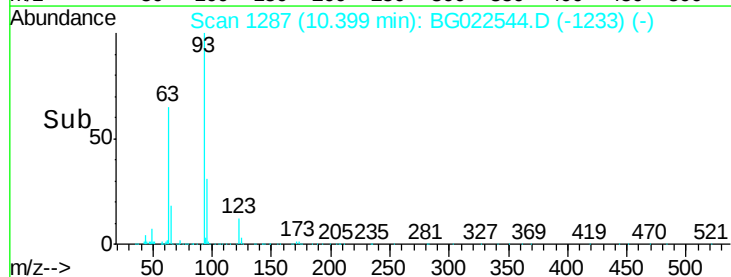
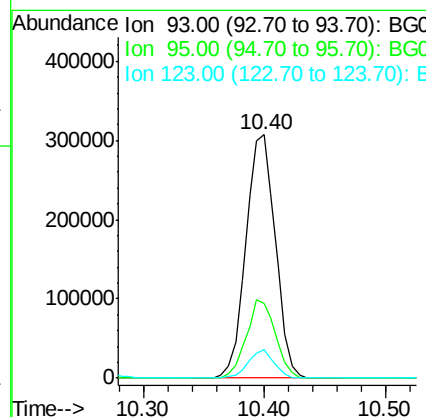
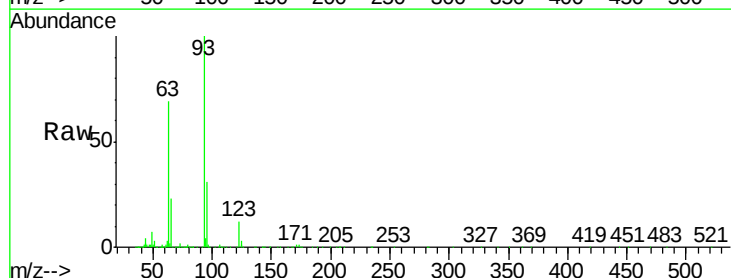
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

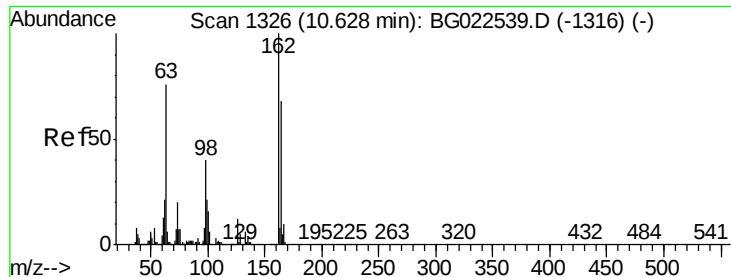
Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.7	117.0	175.4
121	63.4	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.77 ng
 RT: 10.40 min Scan# 1287
 Delta R.T. 0.02 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.4	38.2
123	11.6	8.2	12.2

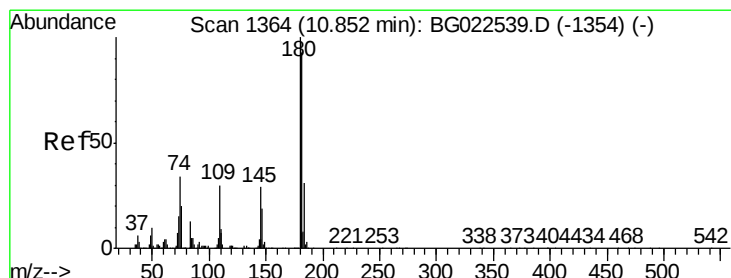
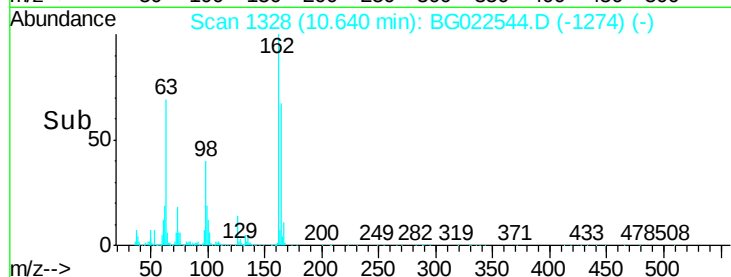
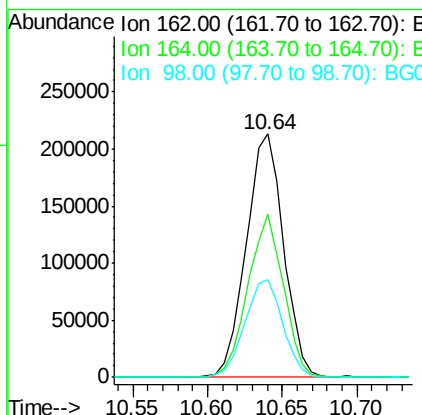
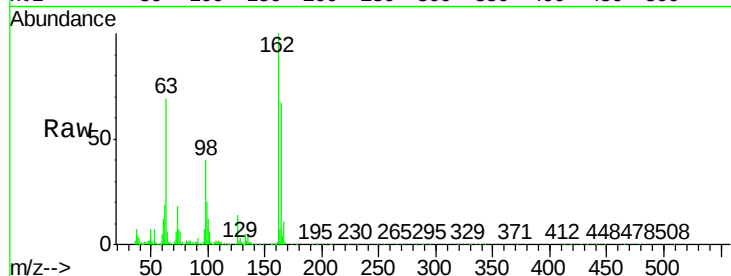




#29
2,4-Dichlorophenol
Concen: 38.94 ng
RT: 10.64 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

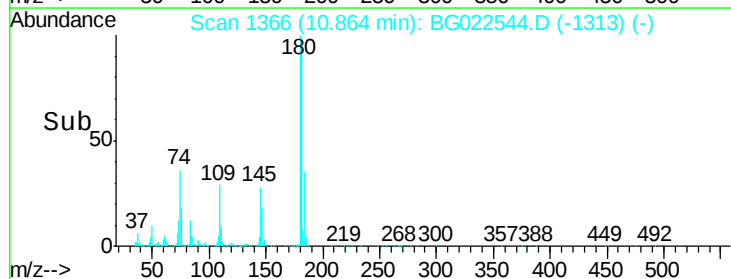
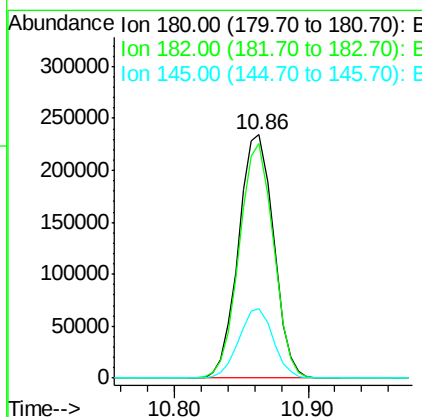
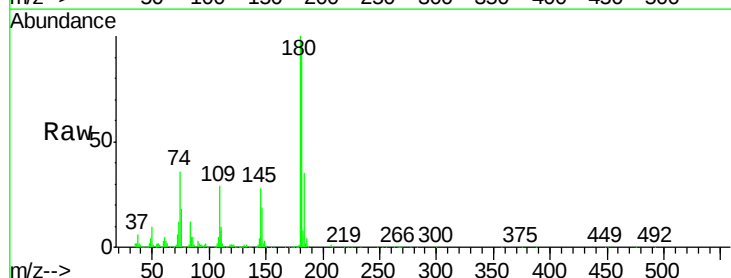
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

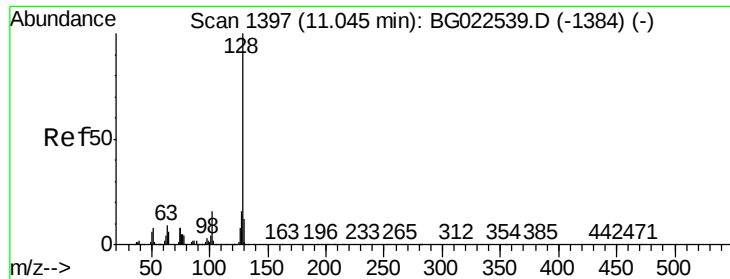
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	44.3	84.3
98	40.0	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.14 ng
RT: 10.86 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	28.3	24.4	36.6

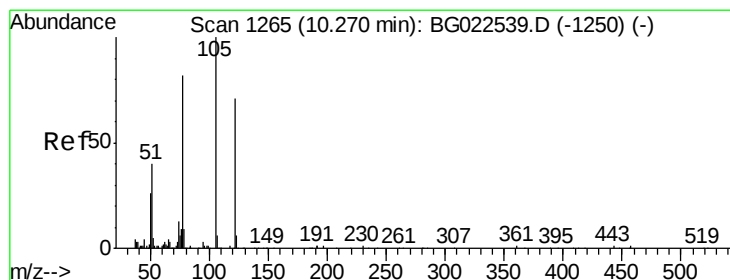
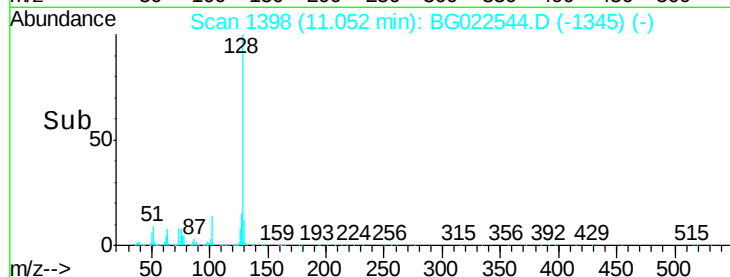
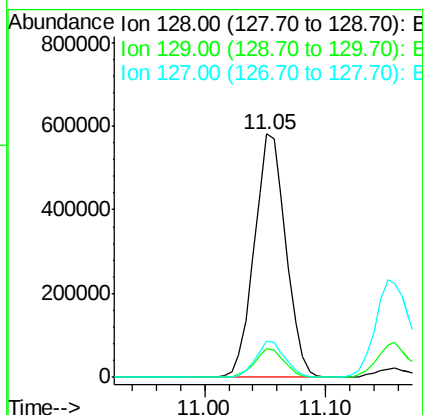
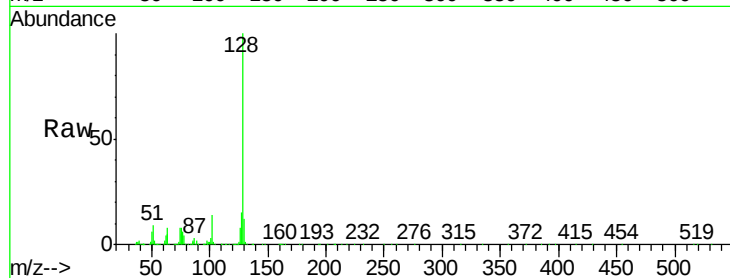




#31
Naphthalene
Concen: 38.79 ng
RT: 11.05 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

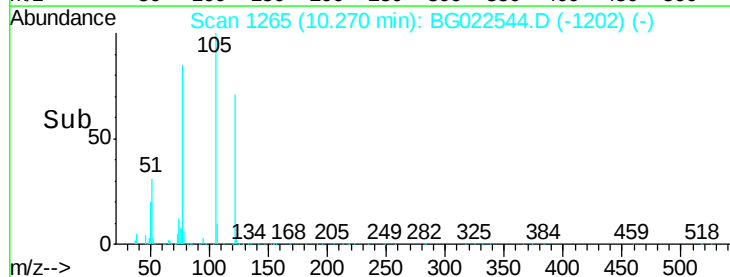
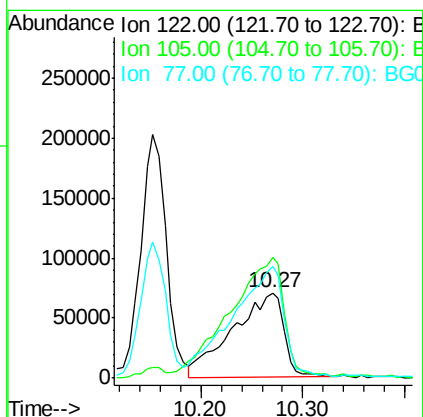
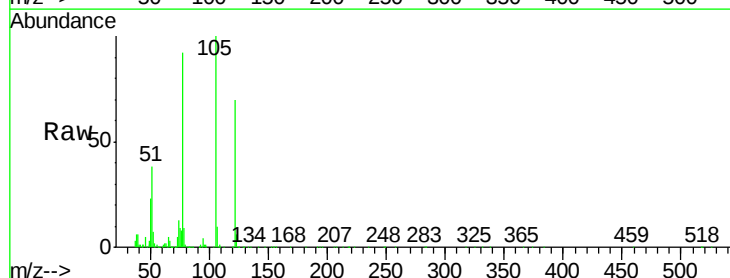
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

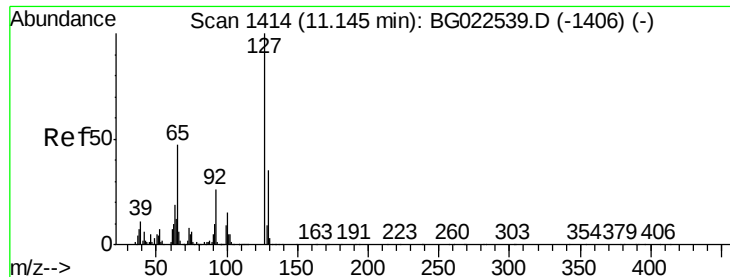
Tgt Ion:128 Resp: 1048940
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 39.73 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.07 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:122 Resp: 244884
Ion Ratio Lower Upper
122 100
105 142.0 117.2 157.2
77 130.7 109.2 149.2

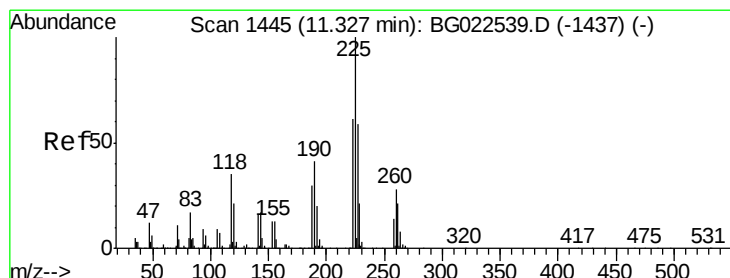
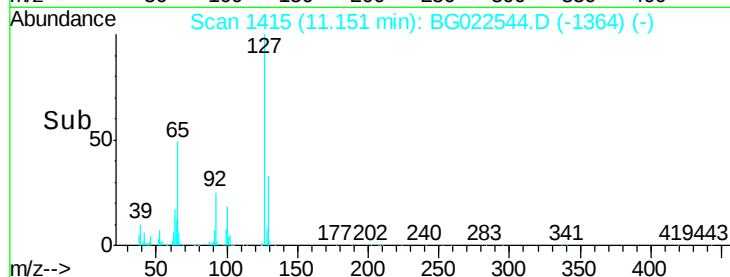
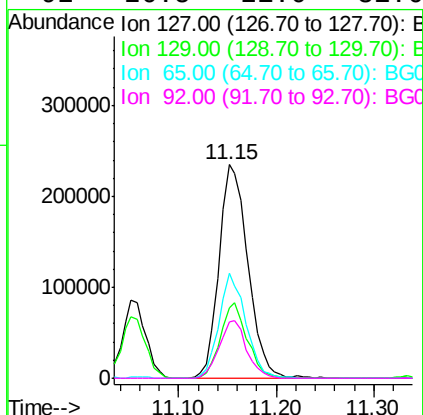
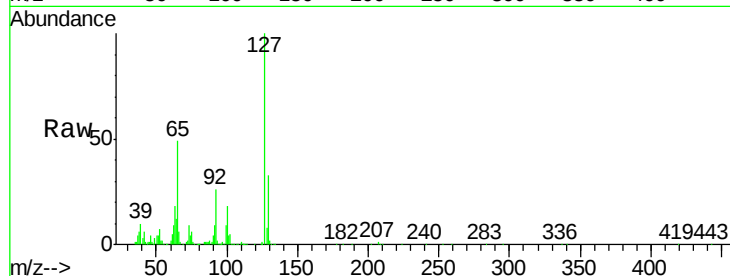




#33
4-Chloroaniline
Concen: 41.25 ng
RT: 11.15 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

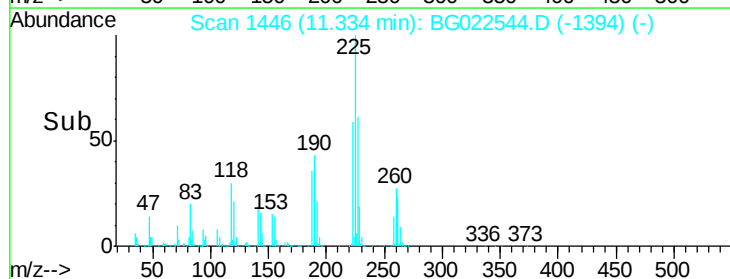
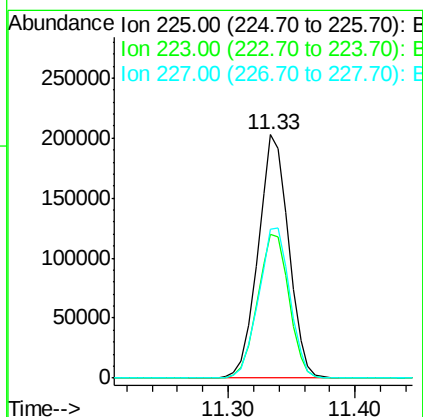
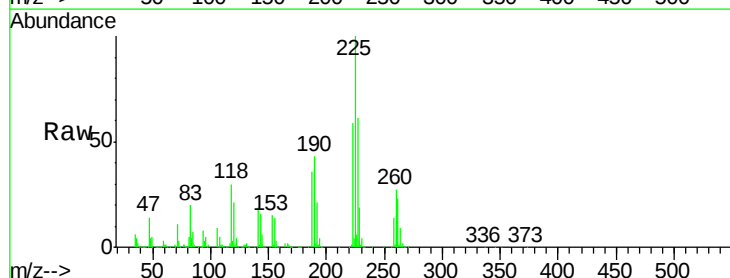
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

Tgt Ion:	127	Resp:	480510
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.9	41.9
65	49.3	36.8	55.2
92	26.5	21.0	31.6



#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 11.33 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:	225	Resp:	339196
Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.6	74.4
227	61.4	54.5	81.7





#35

Caprolactam

Concen: 38.84 ng

RT: 11.93 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

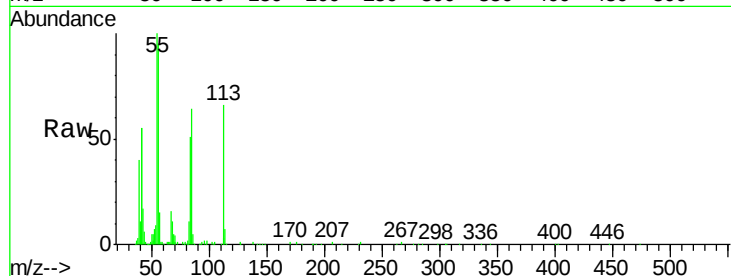
Tgt Ion:113 Resp: 115239

Ion Ratio Lower Upper

113 100

55 151.9 154.5 194.5#

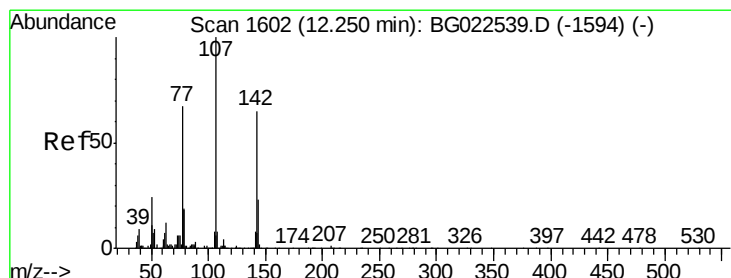
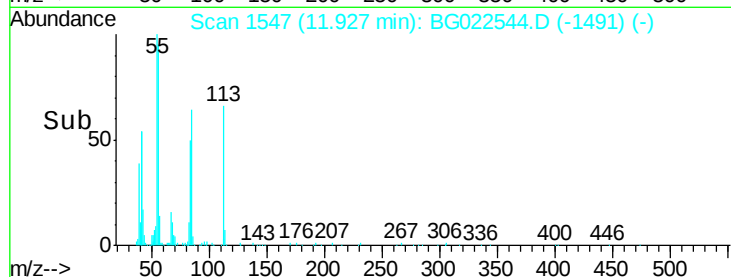
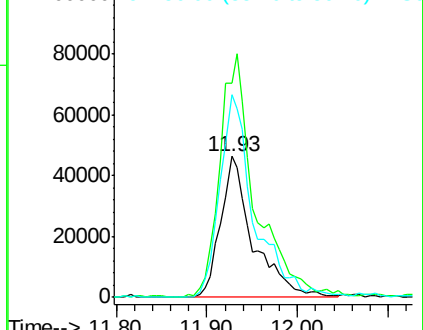
56 143.7 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.57 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

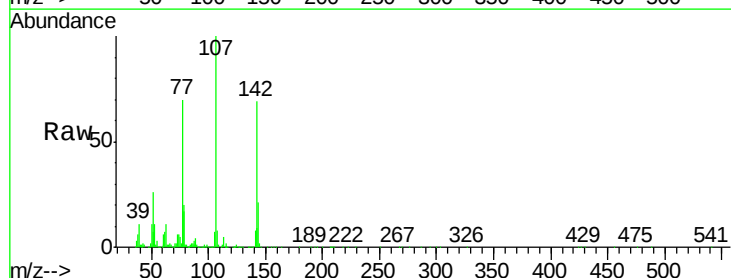
Tgt Ion:107 Resp: 445929

Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

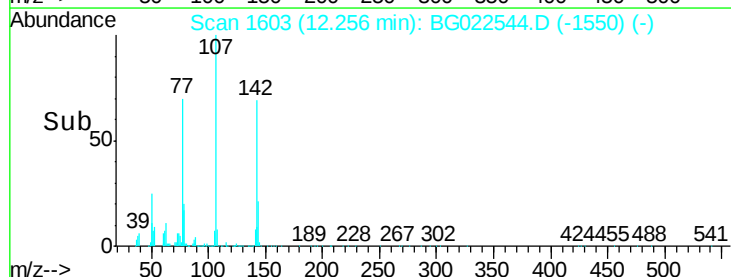
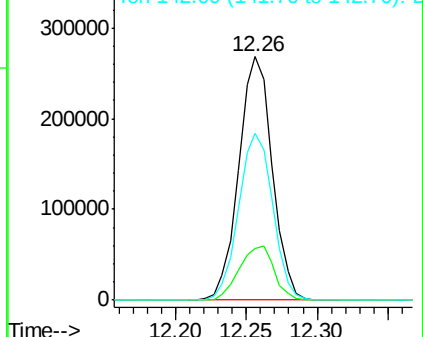
142 68.7 53.0 79.6

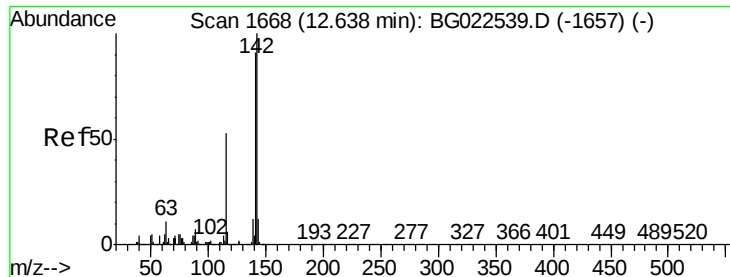


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

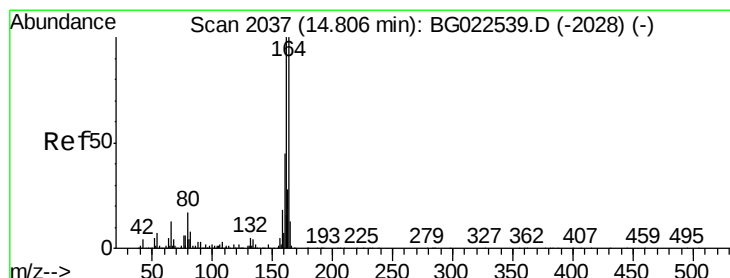
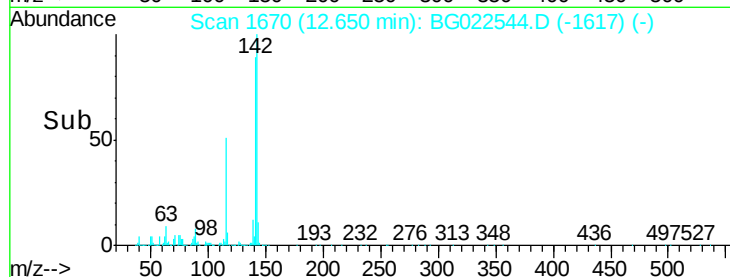
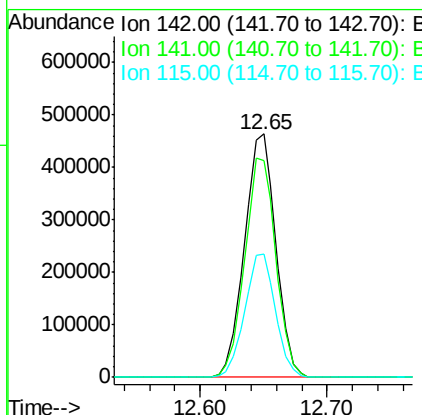
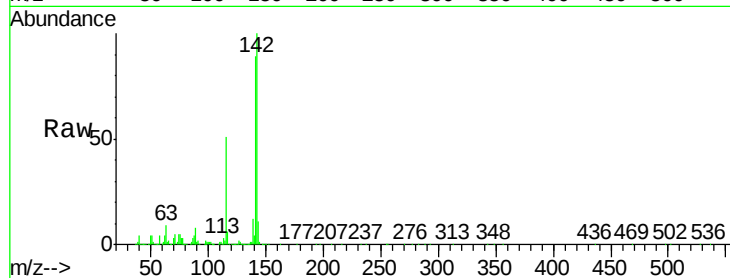




#37
2-Methylnaphthalene
Concen: 37.96 ng
RT: 12.65 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

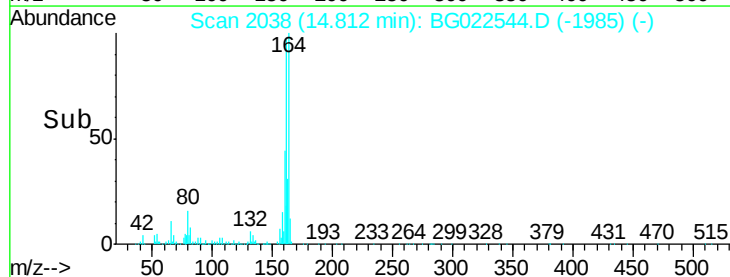
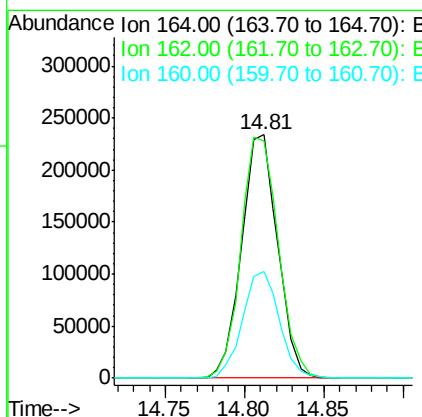
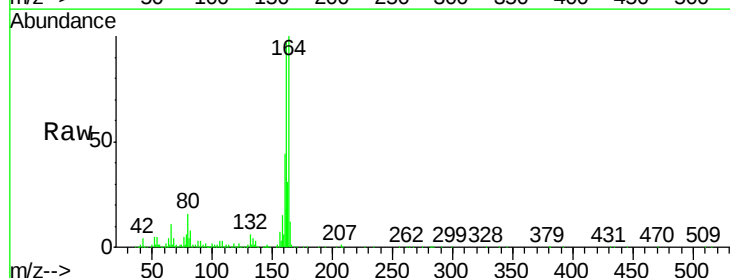
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

Tgt Ion:142 Resp: 796049
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2
115 50.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:164 Resp: 368205
Ion Ratio Lower Upper
164 100
162 97.2 87.7 131.5
160 43.7 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.56 ng

RT: 13.01 min Scan# 1731

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

Tgt Ion:216 Resp: 522175

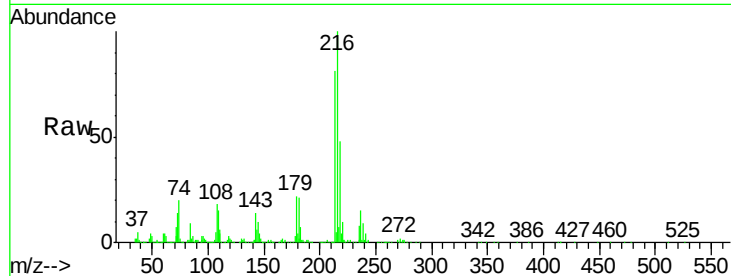
Ion Ratio Lower Upper

216 100

214 78.2 62.9 94.3

179 21.4 17.2 25.8

108 19.2 16.3 24.5

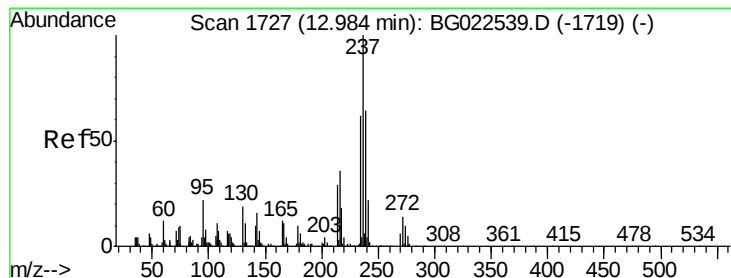
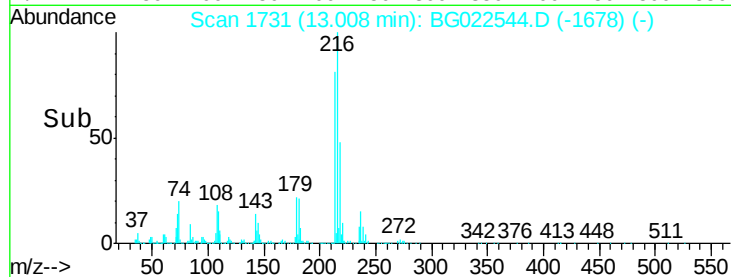
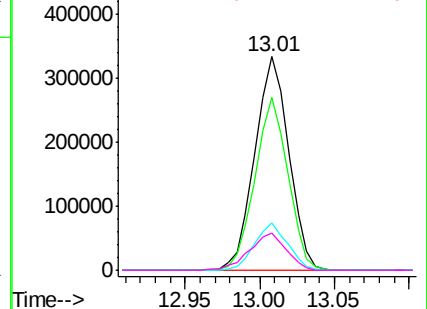


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.71 ng

RT: 12.99 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

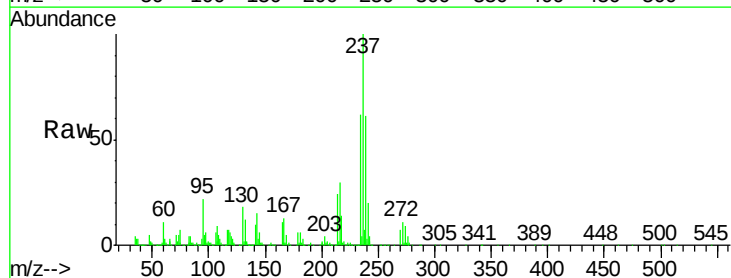
Tgt Ion:237 Resp: 440687

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

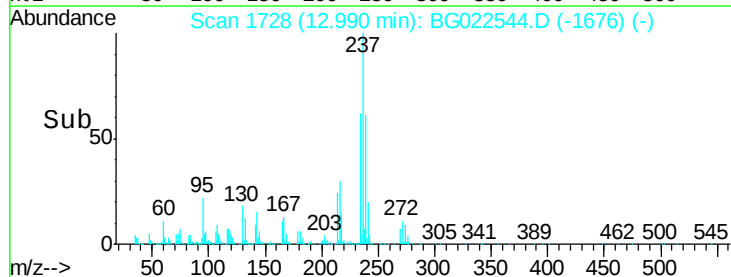
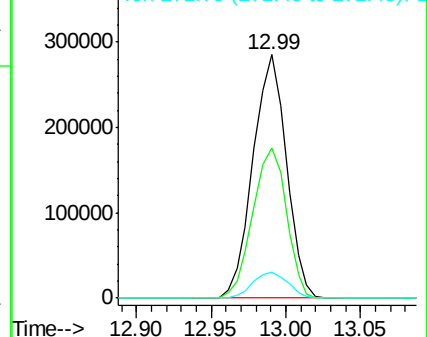
272 10.8 0.0 30.9

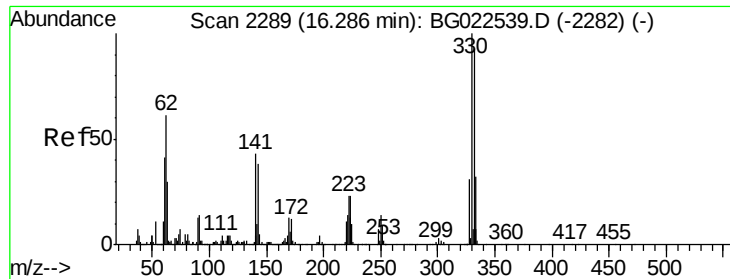


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 75.57 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

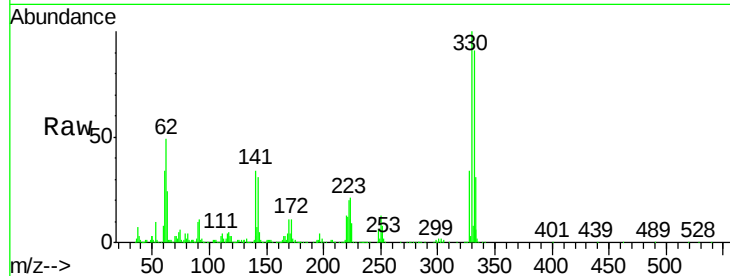
Tgt Ion:330 Resp: 437656

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

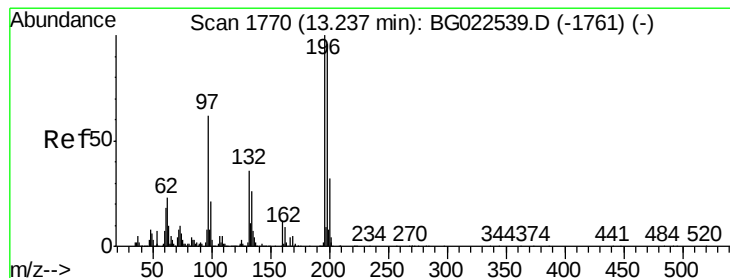
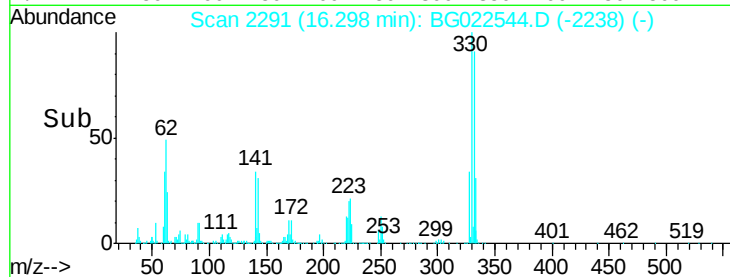
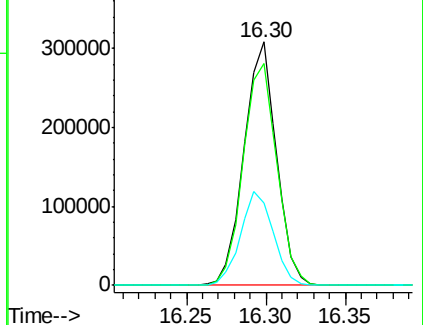
141 39.3 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.13 ng

RT: 13.24 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

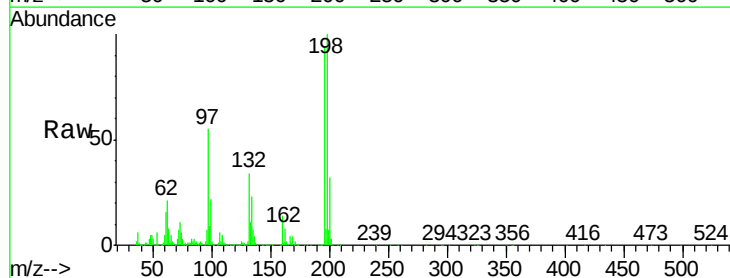
Tgt Ion:196 Resp: 348822

Ion Ratio Lower Upper

196 100

198 106.0 78.2 117.2

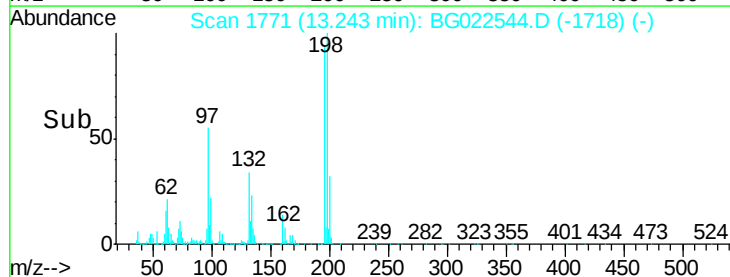
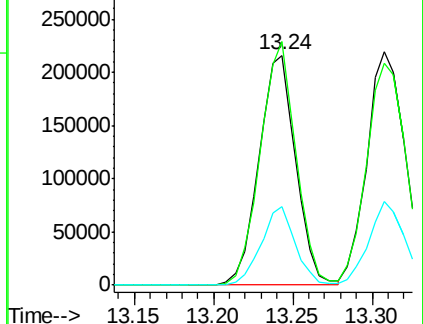
200 34.0 27.0 40.4

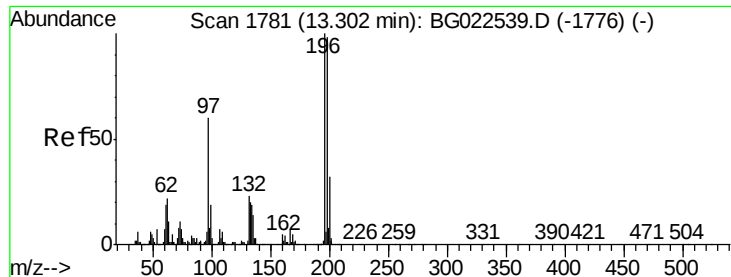


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

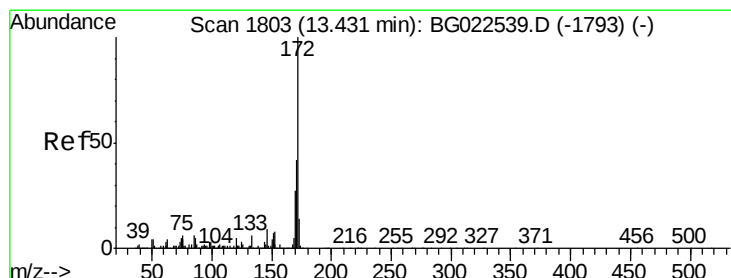
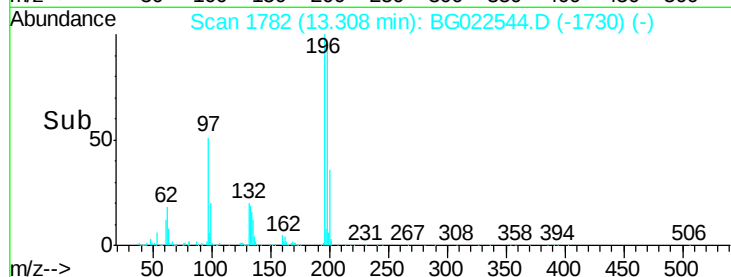
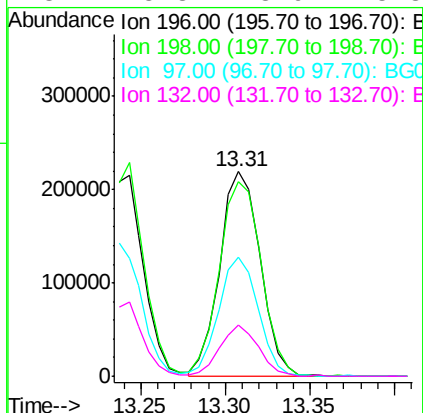
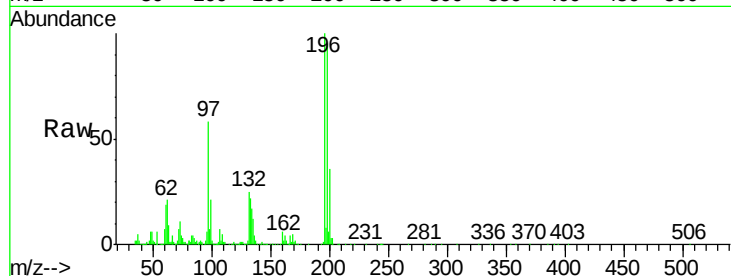




#43
 2,4,5-Trichlorophenol
 Concen: 39.21 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

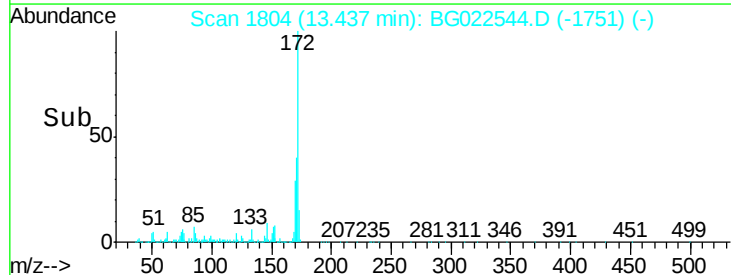
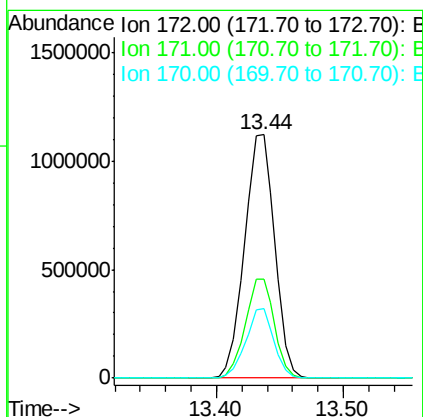
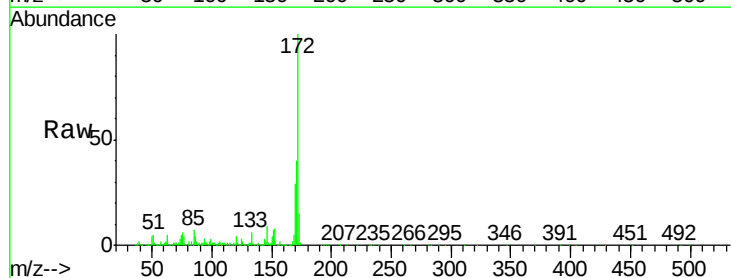
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

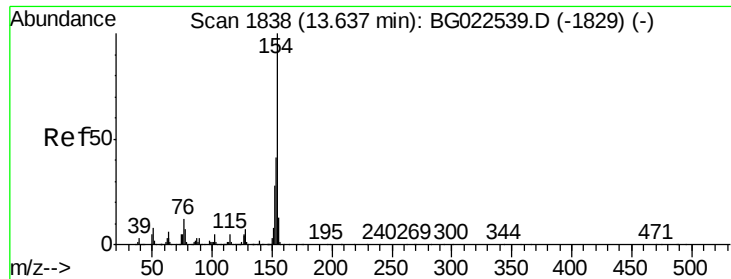
Tgt Ion:196 Resp: 365763
 Ion Ratio Lower Upper
 196 100
 198 95.3 85.7 128.5
 97 58.4 45.5 68.3
 132 25.3 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 79.69 ng
 RT: 13.44 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion:172 Resp: 1850204
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 28.7 21.3 31.9

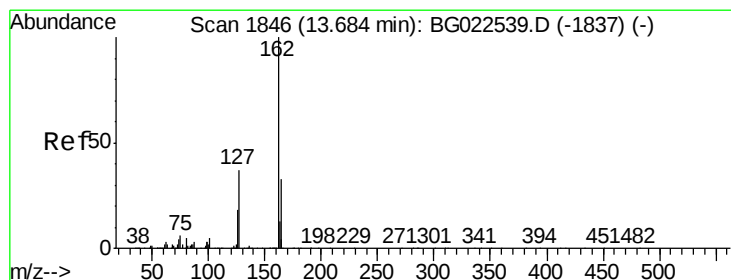
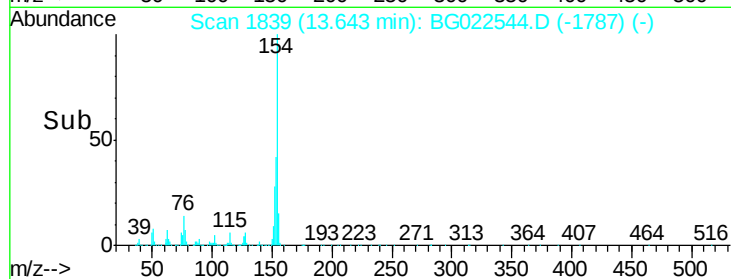
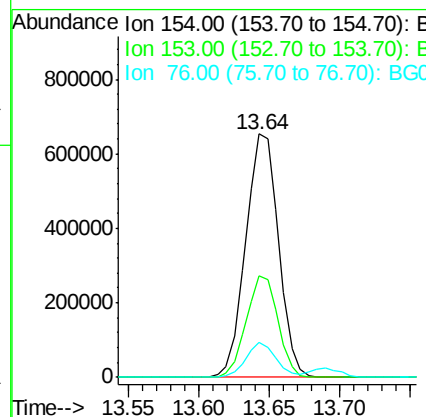
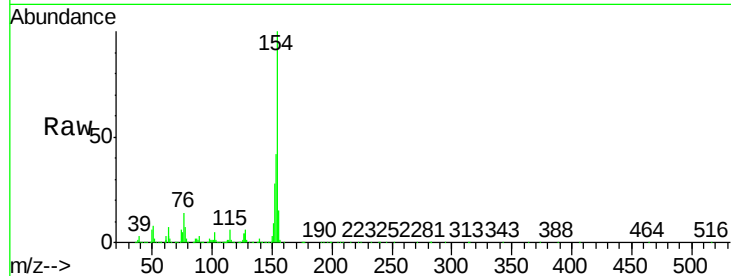




#45
1,1'-Biphenyl
Concen: 37.94 ng
RT: 13.64 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

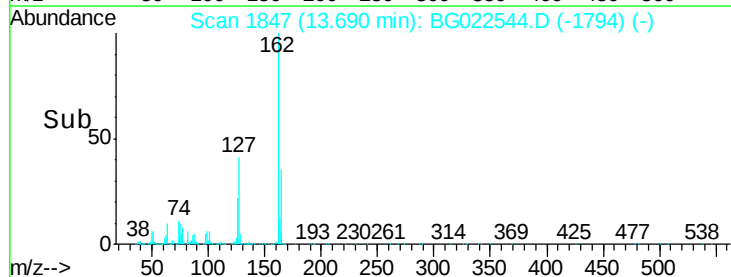
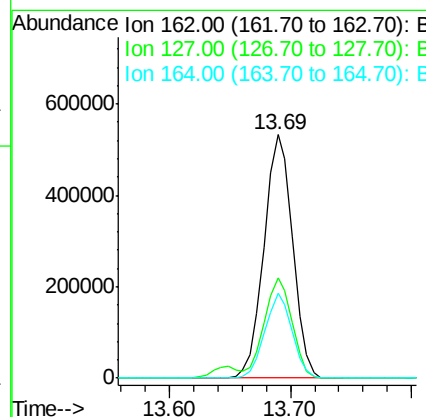
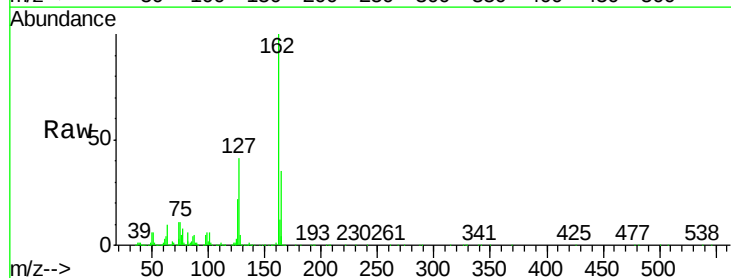
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

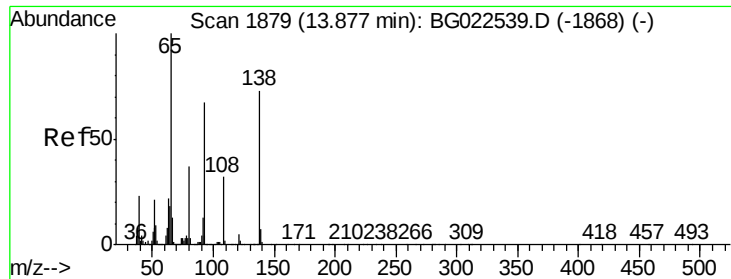
Tgt Ion:154 Resp: 1064184
Ion Ratio Lower Upper
154 100
153 41.9 20.2 60.2
76 14.2 0.0 32.9



#46
2-Chloronaphthalene
Concen: 37.77 ng
RT: 13.69 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:162 Resp: 871791
Ion Ratio Lower Upper
162 100
127 41.3 32.4 48.6
164 34.9 25.2 37.8

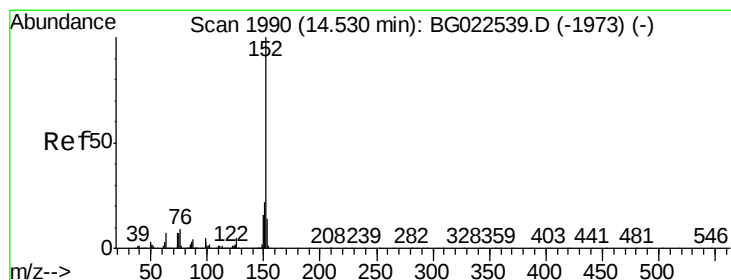
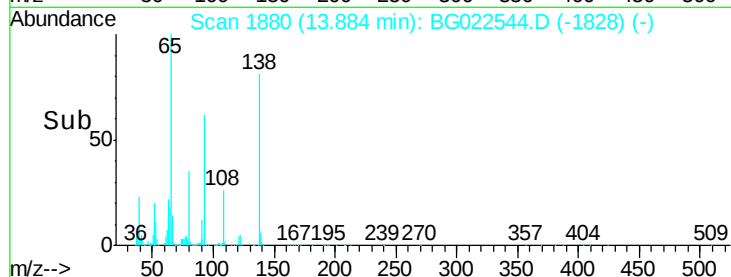
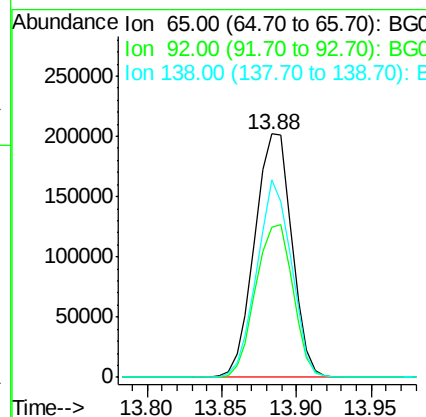
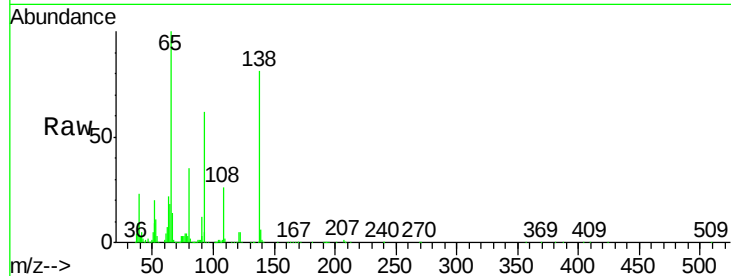




#47
2-Nitroaniline
Concen: 38.99 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

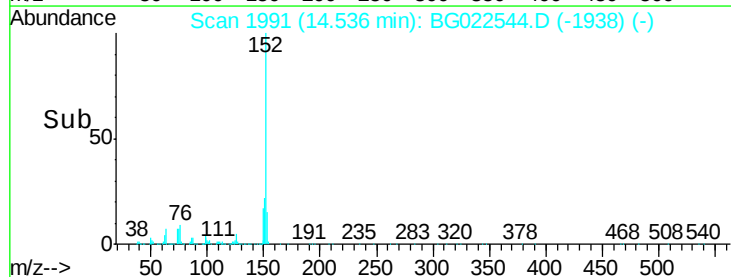
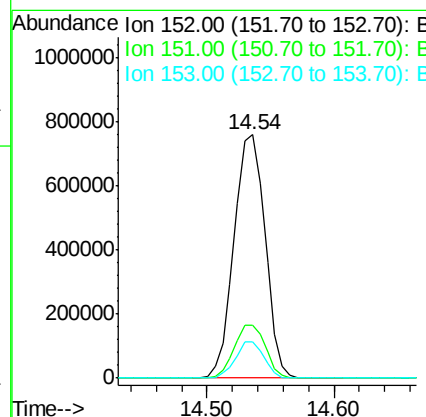
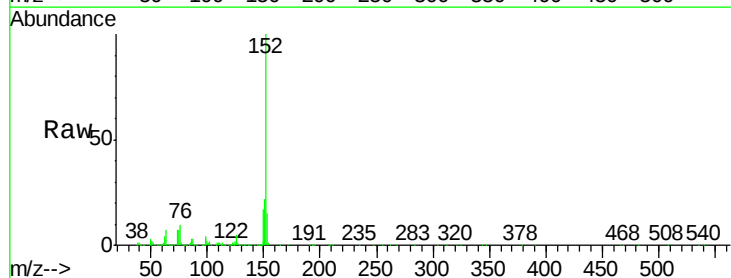
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

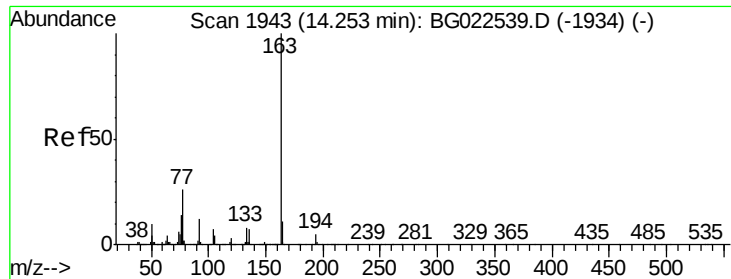
Tgt Ion: 65 Resp: 347325
Ion Ratio Lower Upper
65 100
92 61.9 49.4 74.0
138 81.0 58.0 87.0



#48
Acenaphthylene
Concen: 38.35 ng
RT: 14.54 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion: 152 Resp: 1283781
Ion Ratio Lower Upper
152 100
151 21.6 17.6 26.4
153 15.0 11.4 17.2





#49

Dimethylphthalate

Concen: 38.11 ng

RT: 14.26 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

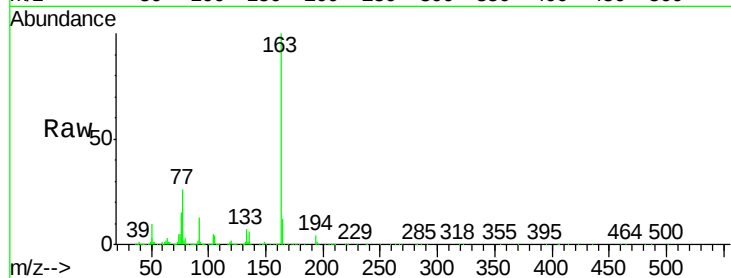
Tgt Ion:163 Resp: 1164009

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

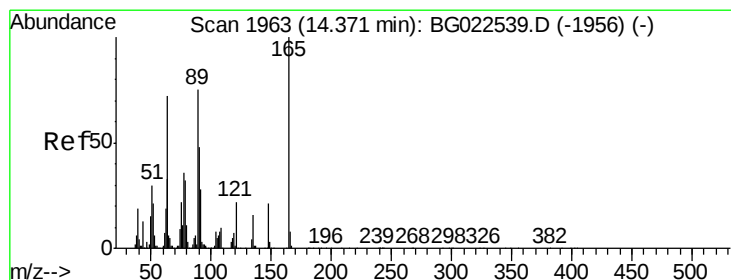
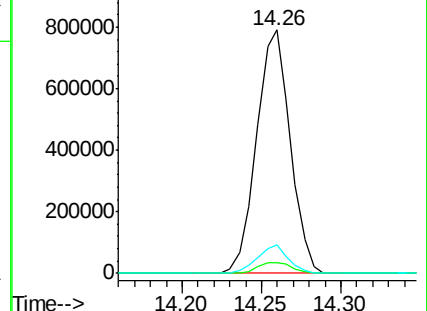
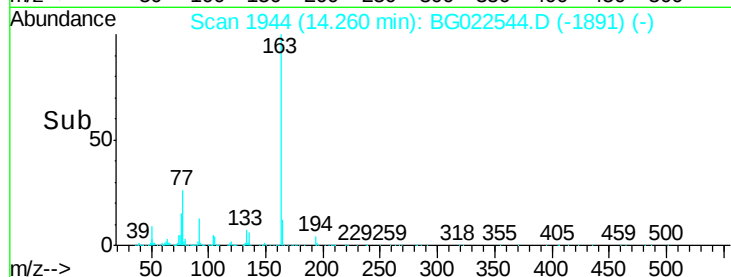
164 11.6 8.1 12.1



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: 39.72 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

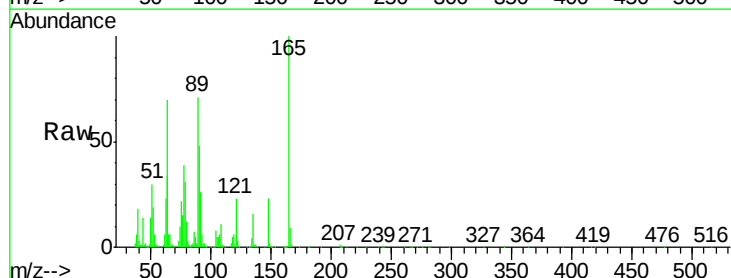
Tgt Ion:165 Resp: 263660

Ion Ratio Lower Upper

165 100

63 69.7 64.3 96.5

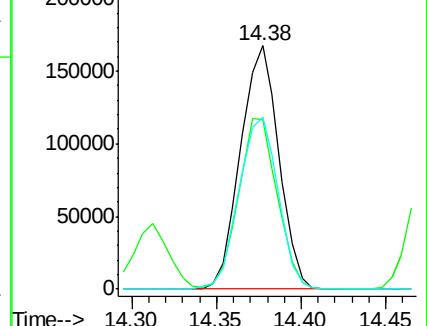
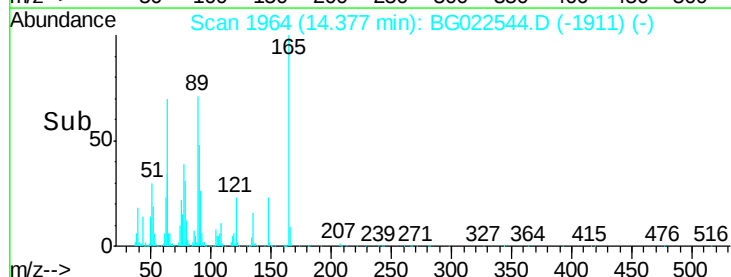
89 70.6 64.3 96.5

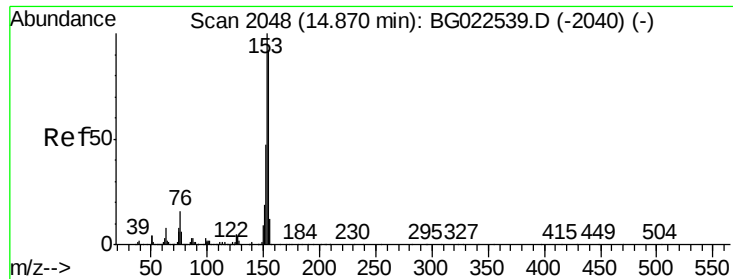


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.62 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

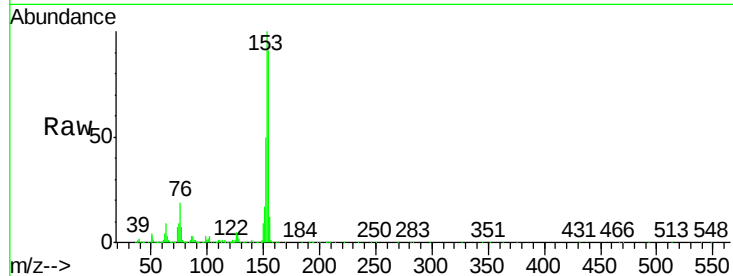
Tgt Ion:154 Resp: 952481

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

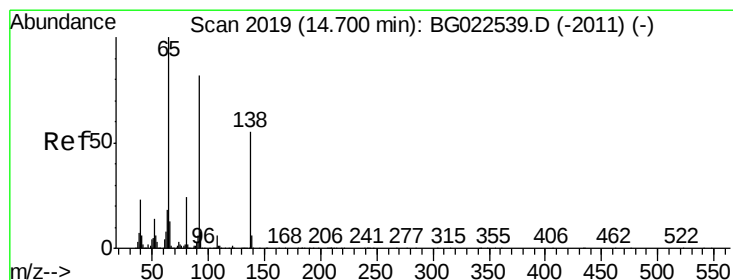
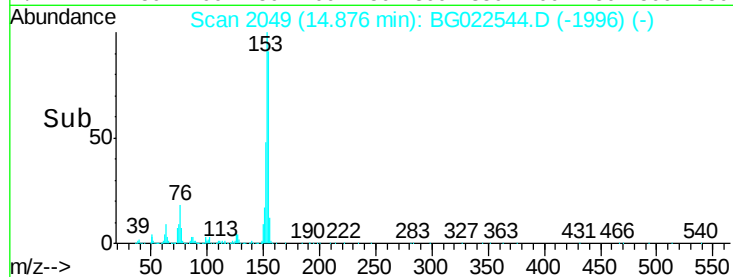
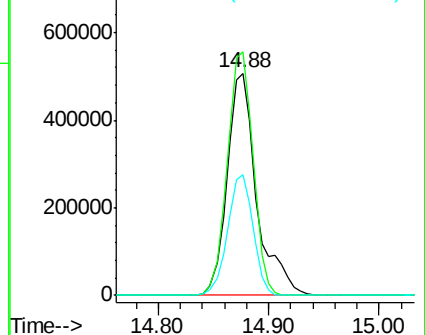
152 54.5 42.7 64.1



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: 39.81 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

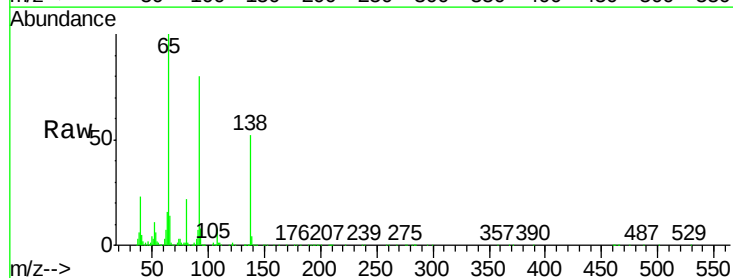
Tgt Ion:138 Resp: 247205

Ion Ratio Lower Upper

138 100

108 15.9 11.7 17.5

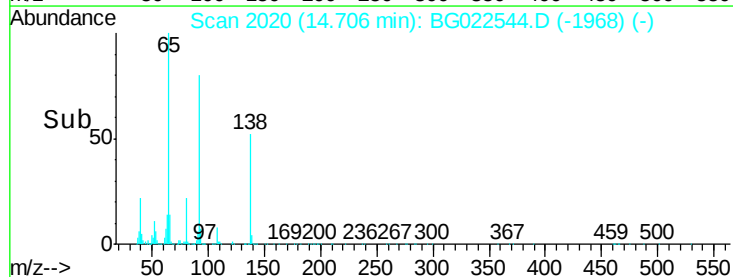
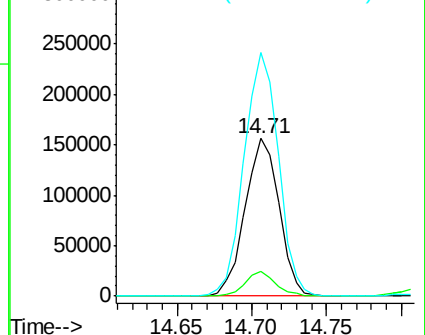
92 154.8 129.7 194.5

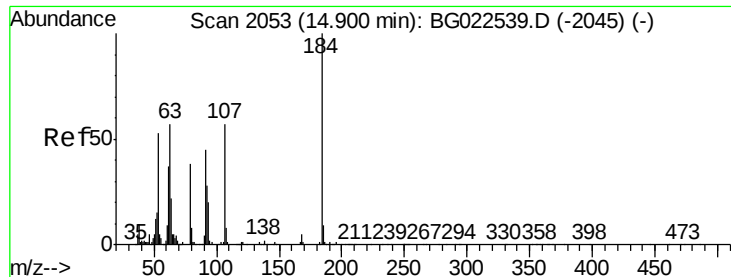


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 41.03 ng

RT: 14.91 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

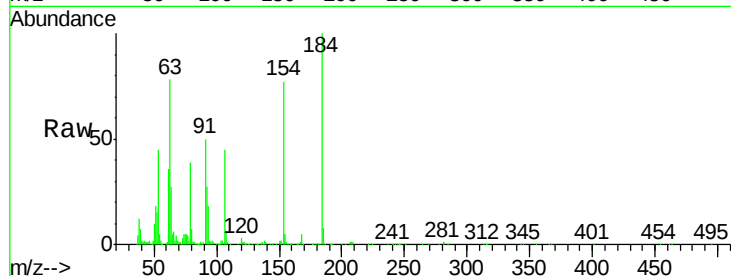
Tgt Ion:184 Resp: 167738

Ion Ratio Lower Upper

184 100

63 77.5 59.6 89.4

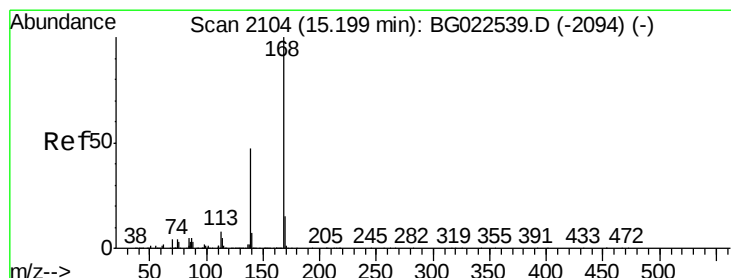
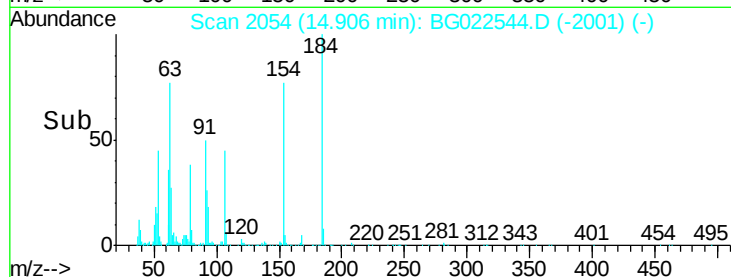
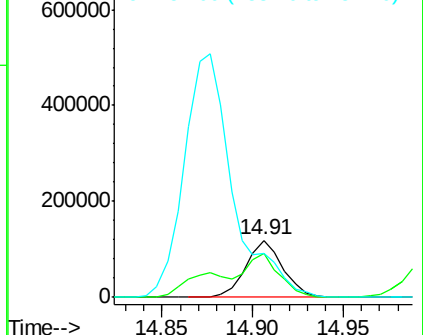
154 77.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.66 ng

RT: 15.21 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

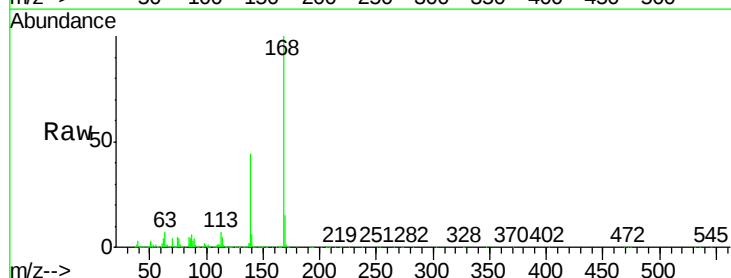
Tgt Ion:168 Resp: 1345298

Ion Ratio Lower Upper

168 100

139 44.5 36.4 54.6

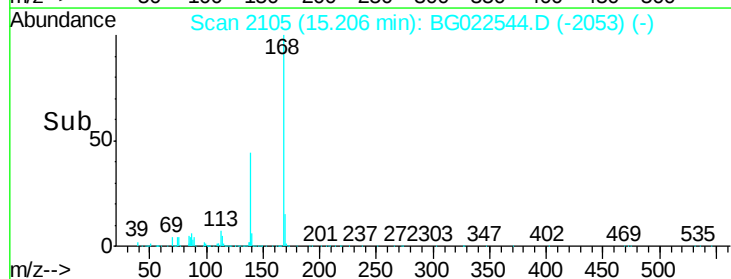
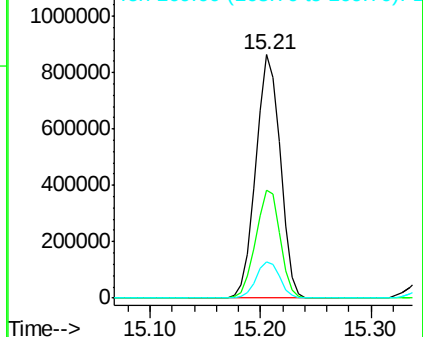
169 14.7 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.21 ng

RT: 14.99 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

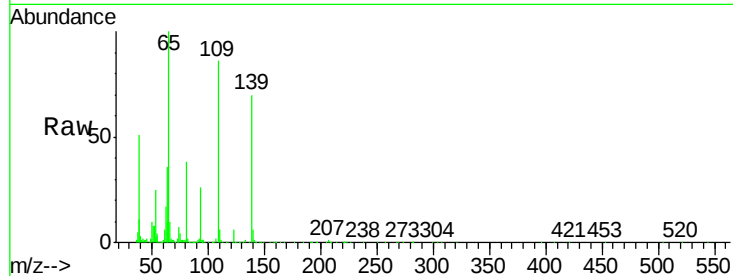
Tgt Ion:139 Resp: 211156

Ion Ratio Lower Upper

139 100

109 123.3 103.0 143.0

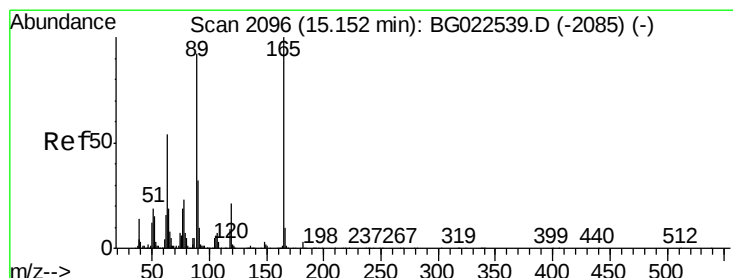
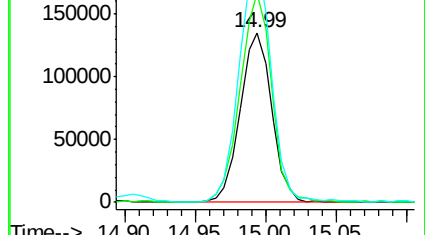
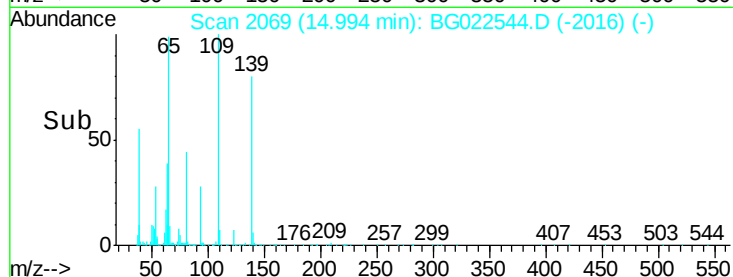
65 143.3 112.7 152.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 39.60 ng

RT: 15.16 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:165 Resp: 364104

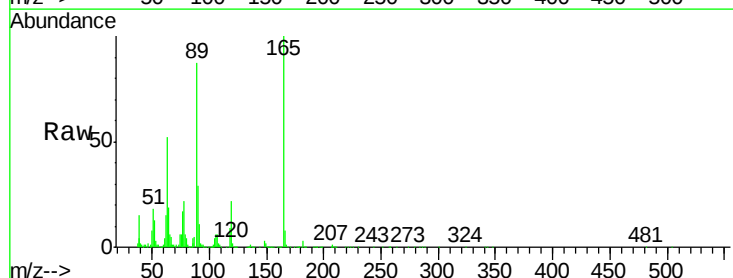
Ion Ratio Lower Upper

165 100

63 52.2 45.8 68.6

89 86.9 68.6 102.8

182 2.9 2.0 3.0

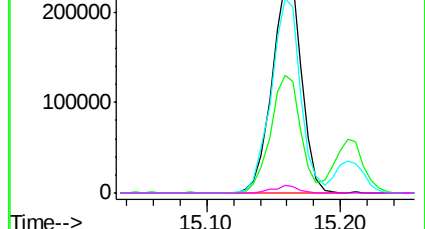
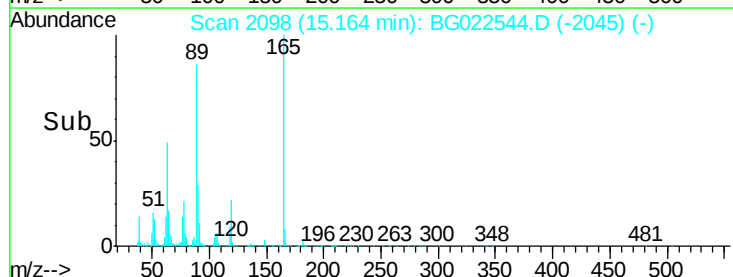


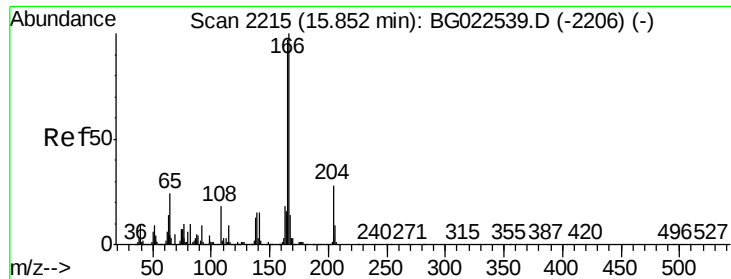
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.94 ng

RT: 15.86 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

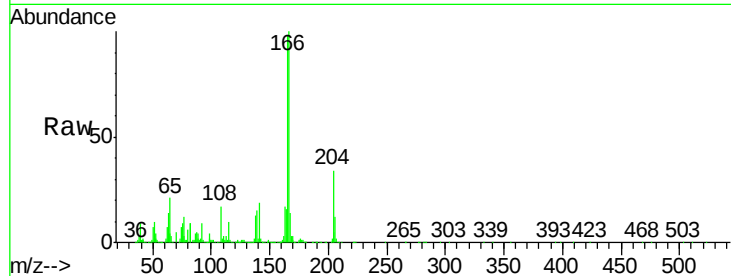
Tgt Ion:166 Resp: 1081346

Ion Ratio Lower Upper

166 100

165 98.1 81.0 121.6

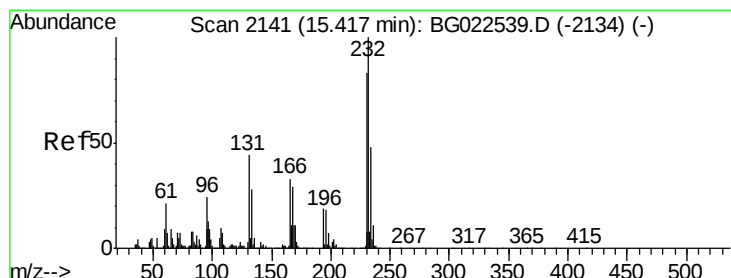
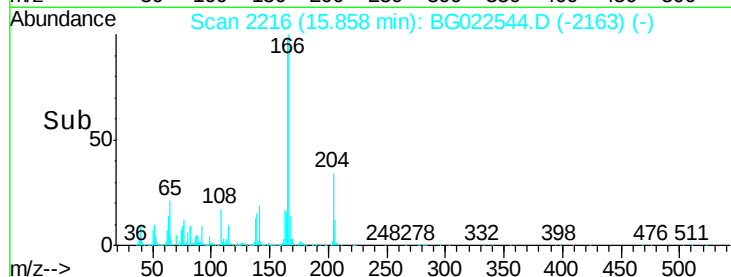
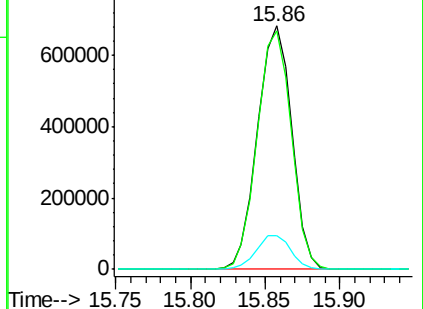
167 14.1 12.0 18.0



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: 39.07 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:232 Resp: 377797

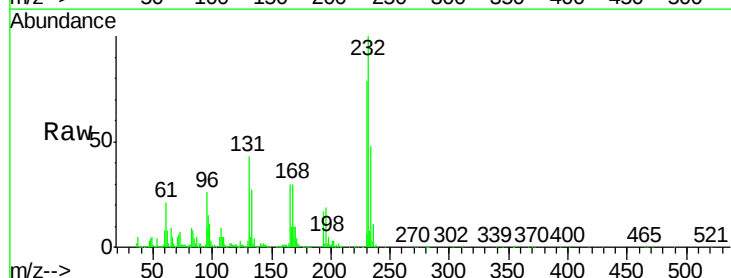
Ion Ratio Lower Upper

232 100

131 40.7 32.7 49.1

130 2.2 2.6 3.8#

166 29.6 23.0 34.6

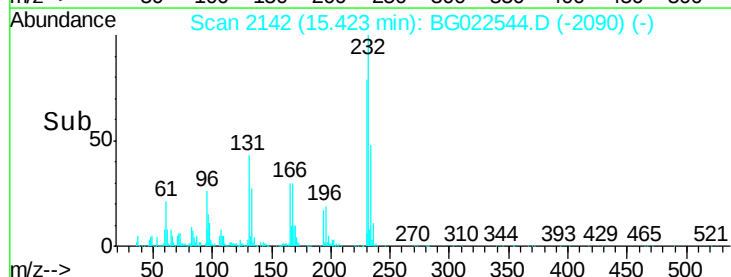
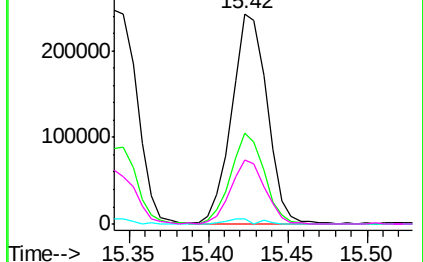


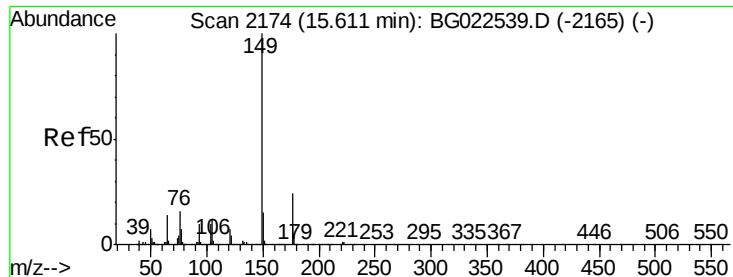
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.46 ng

RT: 15.62 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

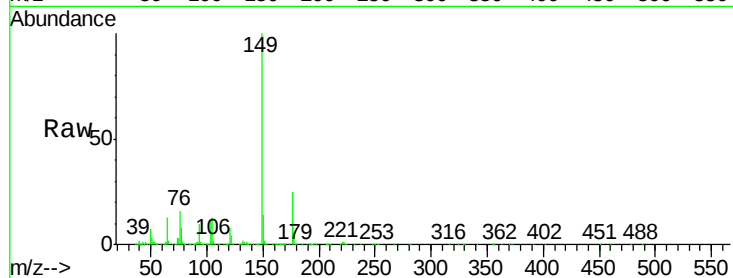
Tgt Ion:149 Resp: 1176175

Ion Ratio Lower Upper

149 100

177 24.6 19.2 28.8

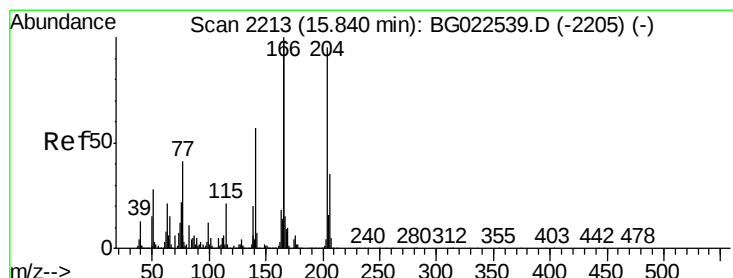
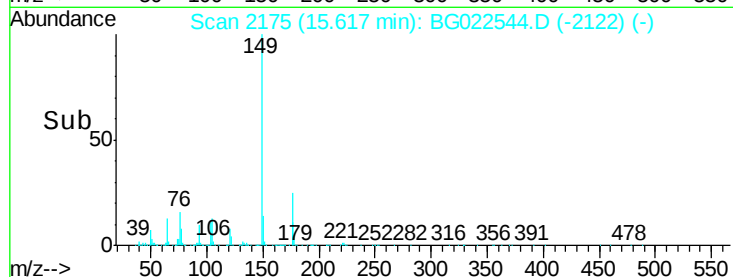
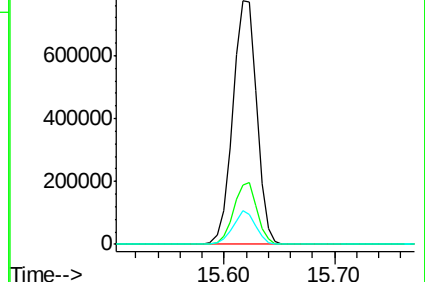
150 13.7 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.64 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

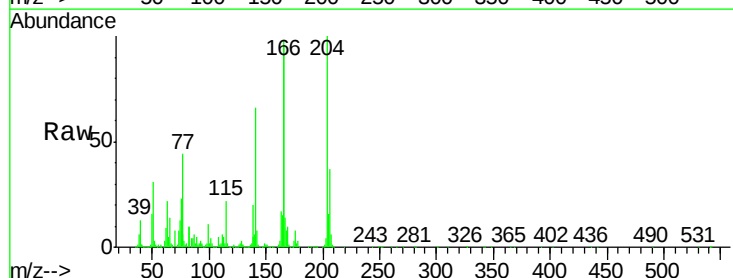
Tgt Ion:204 Resp: 638709

Ion Ratio Lower Upper

204 100

206 36.6 28.5 42.7

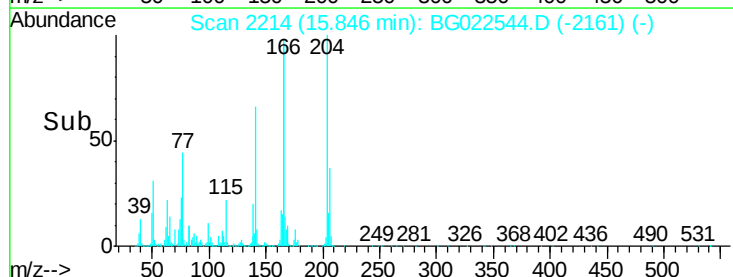
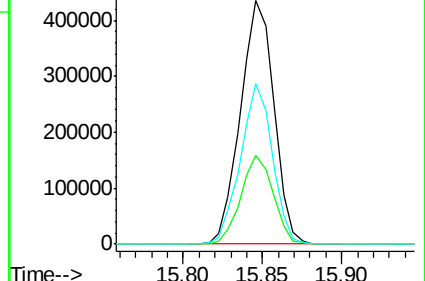
141 66.0 51.4 77.0

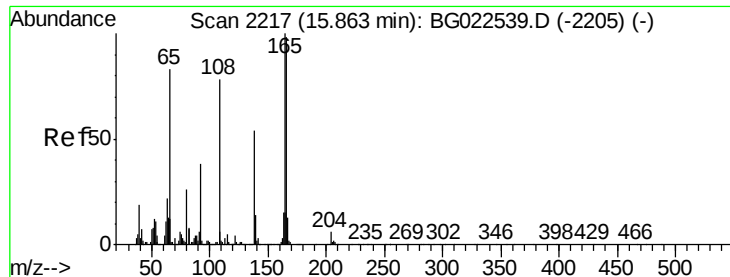


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

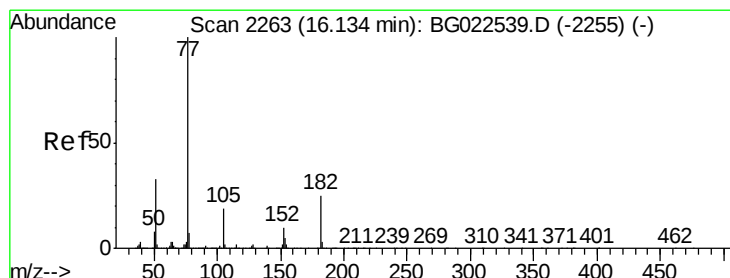
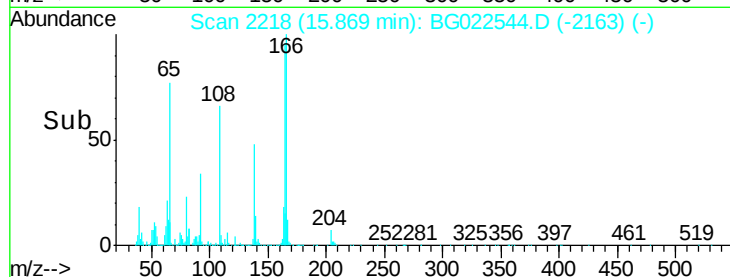
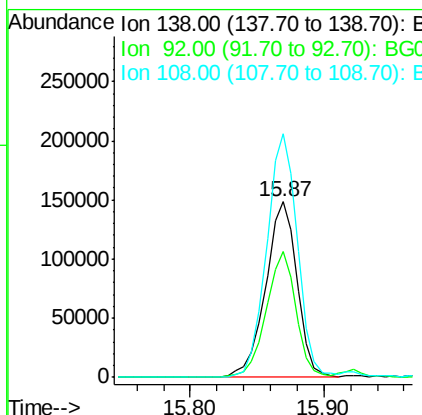
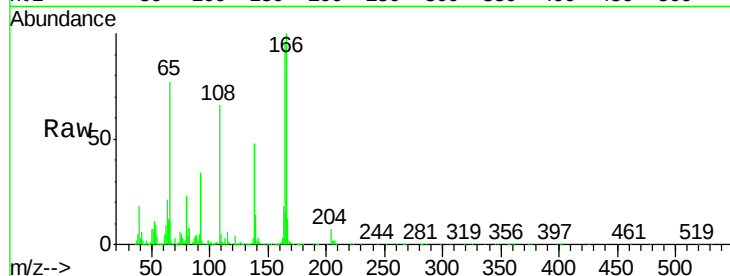




#61
4-Nitroaniline
Concen: 38.00 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

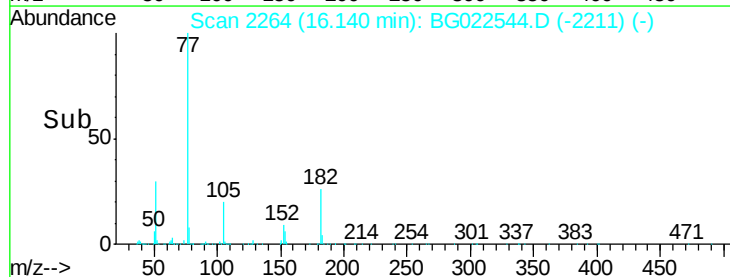
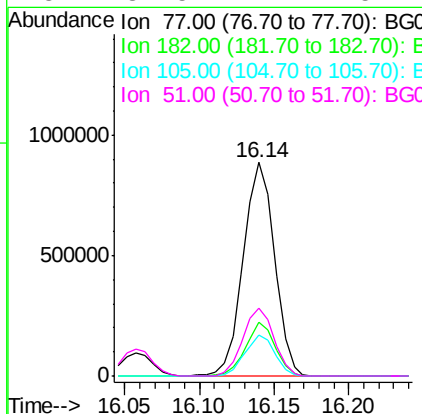
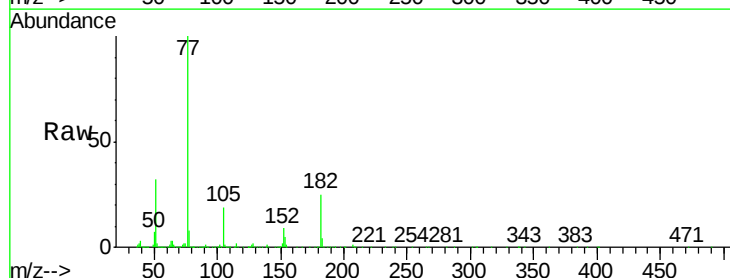
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

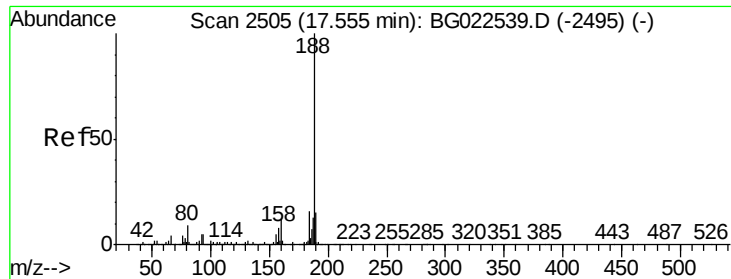
Tgt Ion:138 Resp: 243488
Ion Ratio Lower Upper
138 100
92 71.3 54.1 94.1
108 138.6 133.9 173.9



#62
Azobenzene
Concen: 37.72 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion: 77 Resp: 1282769
Ion Ratio Lower Upper
77 100
182 25.0 3.5 43.5
105 19.0 0.0 38.5
51 31.5 17.1 57.1

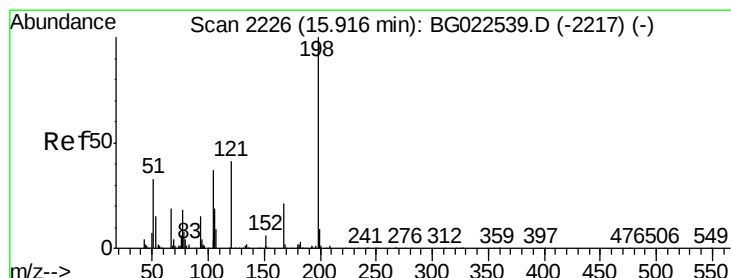
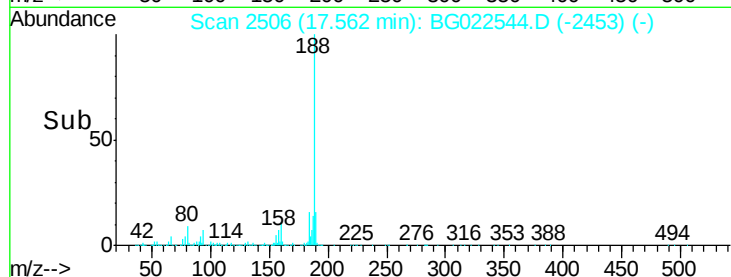
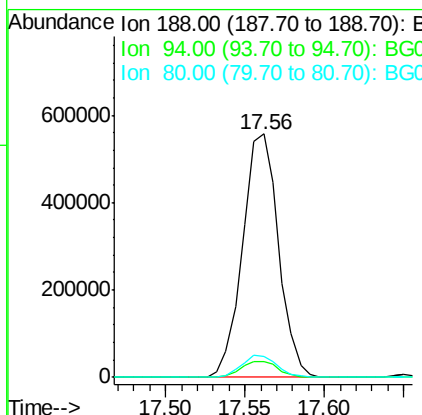
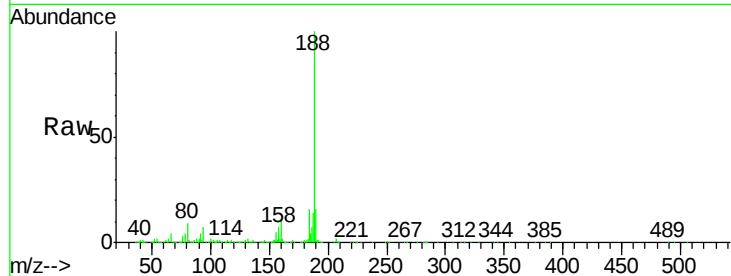




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

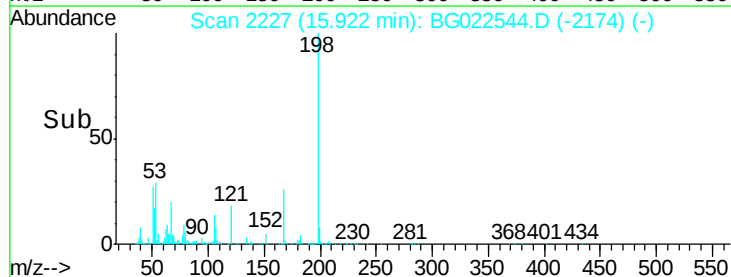
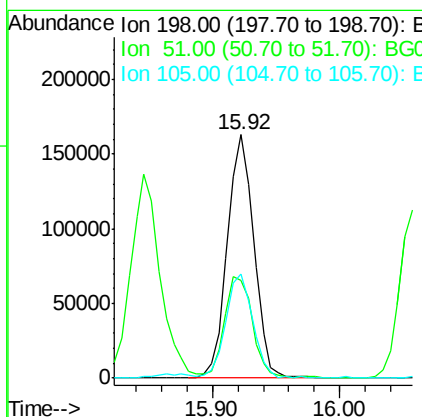
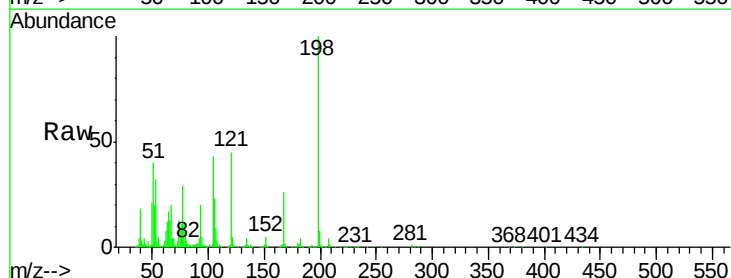
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

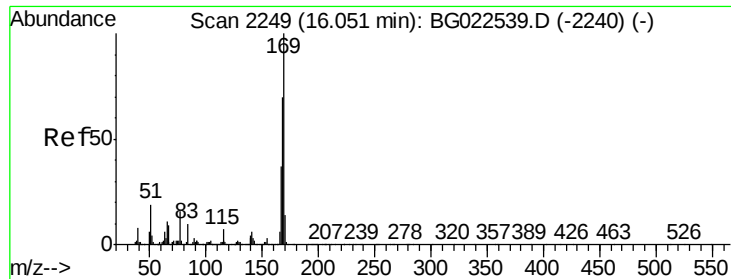
Tgt Ion:188 Resp: 876065
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.8 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.13 ng
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion:198 Resp: 235801
Ion Ratio Lower Upper
198 100
51 40.0 26.0 66.0
105 42.6 20.1 60.1

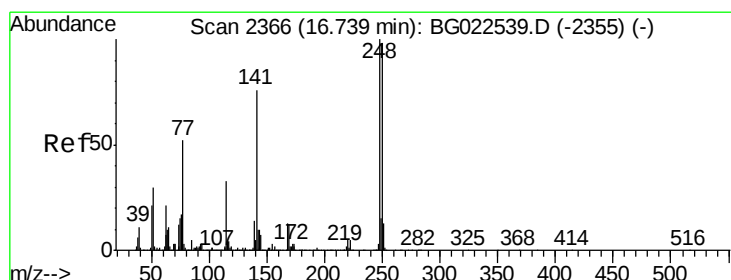
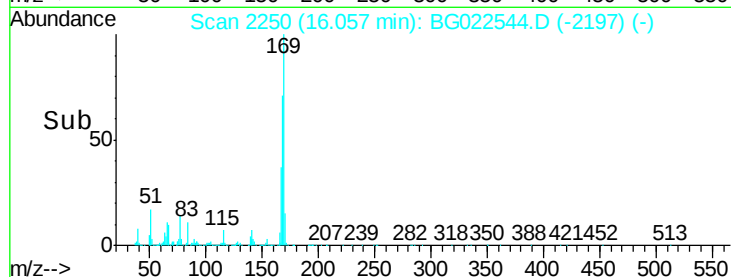
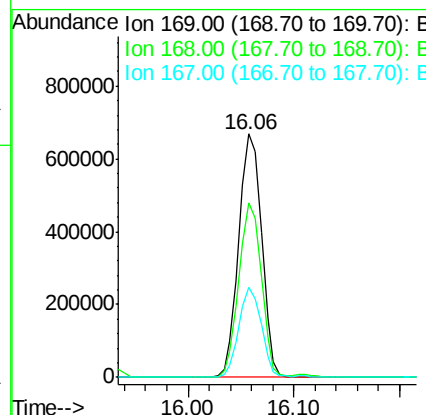
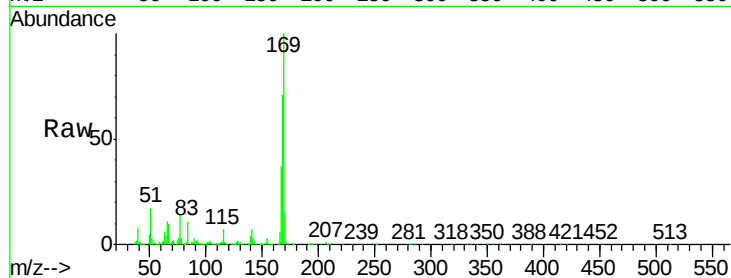




#65
 n-Nitrosodiphenylamine
 Concen: 39.13 ng
 RT: 16.06 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

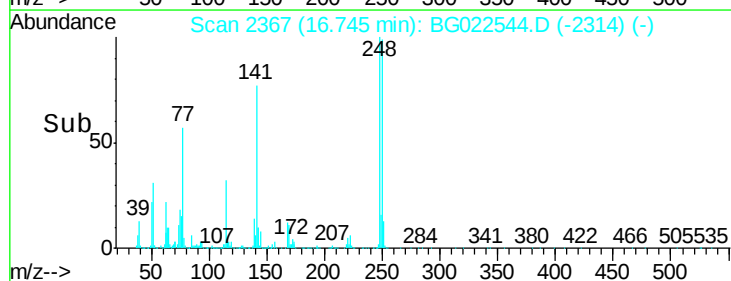
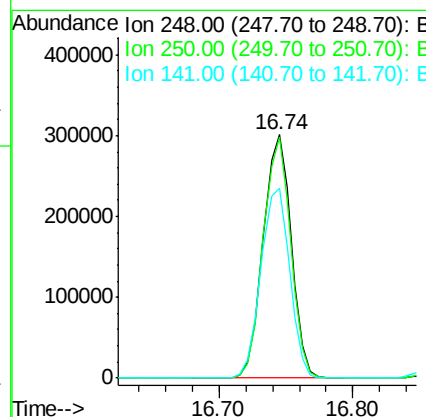
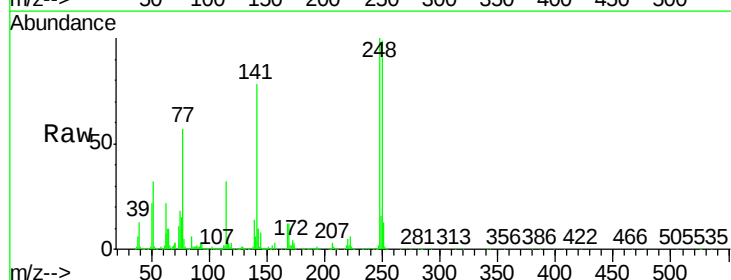
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

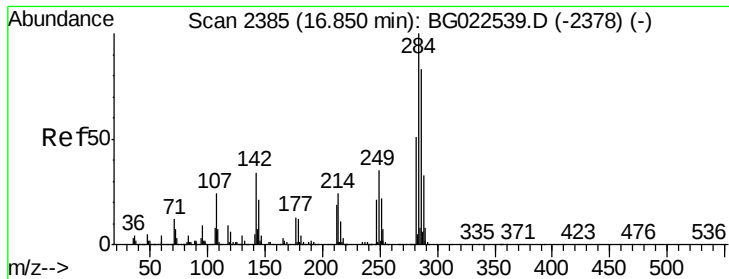
Tgt Ion:169 Resp: 997604
 Ion Ratio Lower Upper
 169 100
 168 71.4 55.0 82.4
 167 36.7 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.48 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion:248 Resp: 437360
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.8 116.8
 141 78.0 65.7 98.5

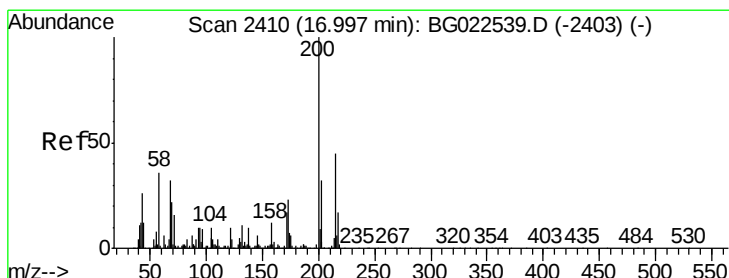
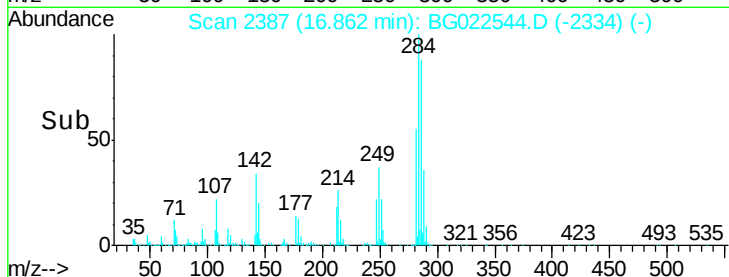
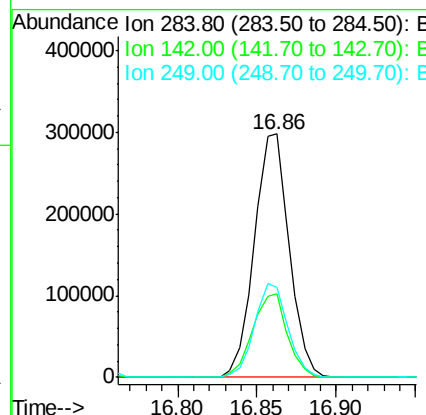
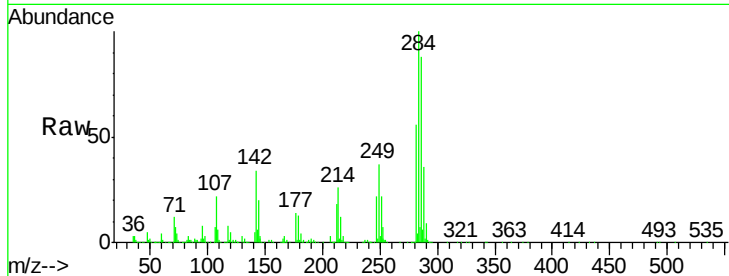




#67
Hexachlorobenzene
Concen: 37.94 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

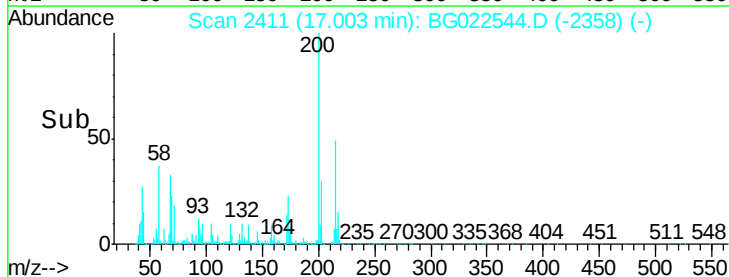
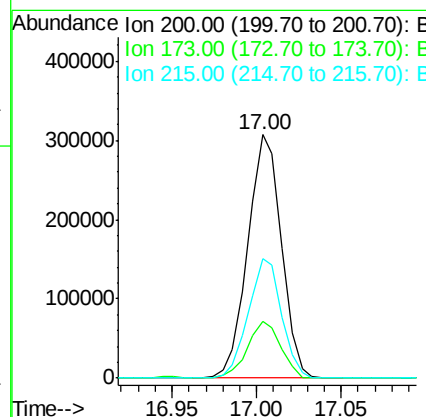
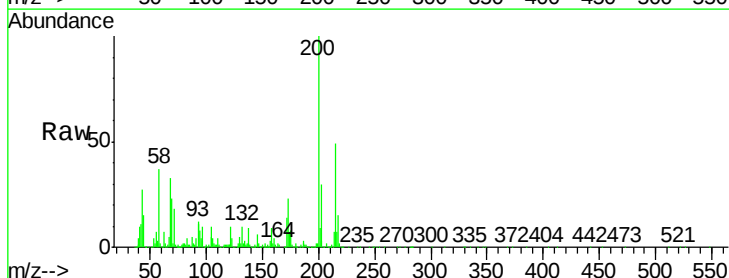
Instrument :
BNA_G
ClientSampleId :
ICVBG062516

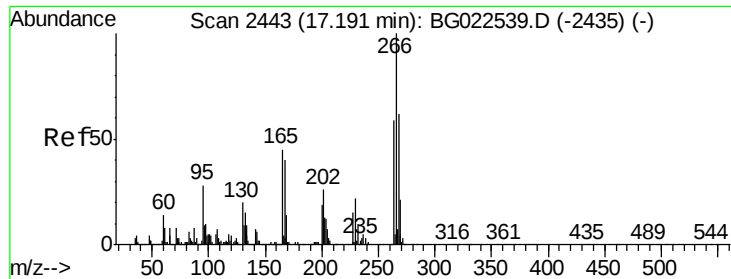
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.8	40.2
249	37.1	28.9	43.3



#68
Atrazine
Concen: 39.55 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	1.6	41.6
215	49.2	28.7	68.7

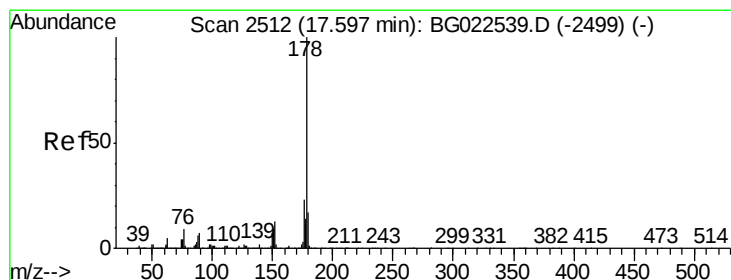
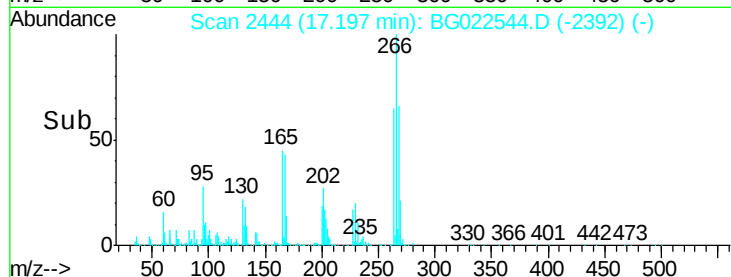
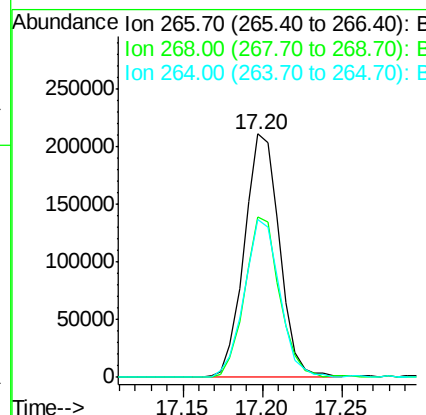
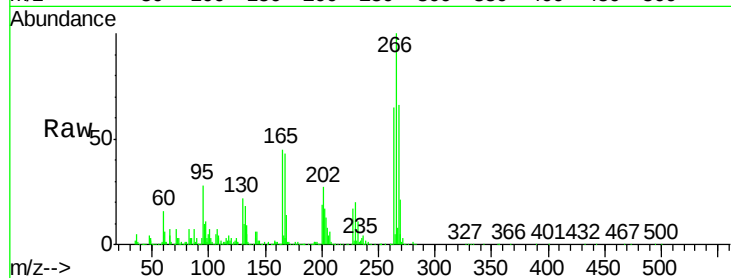




#69
 Pentachlorophenol
 Concen: 39.33 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

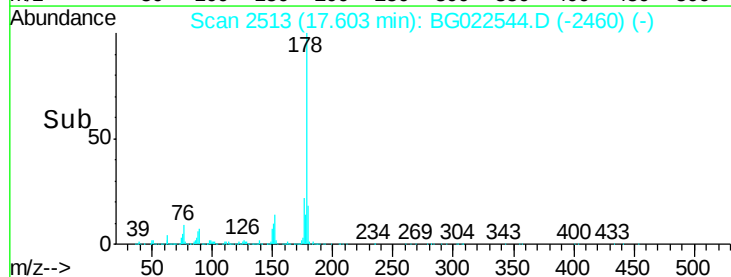
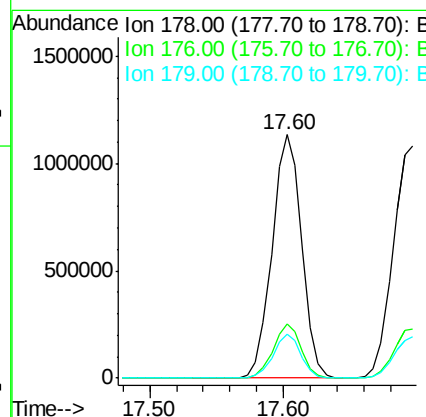
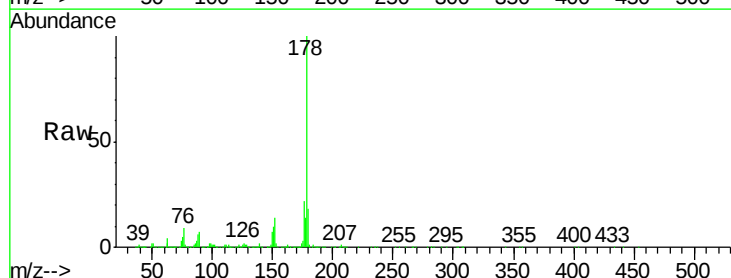
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

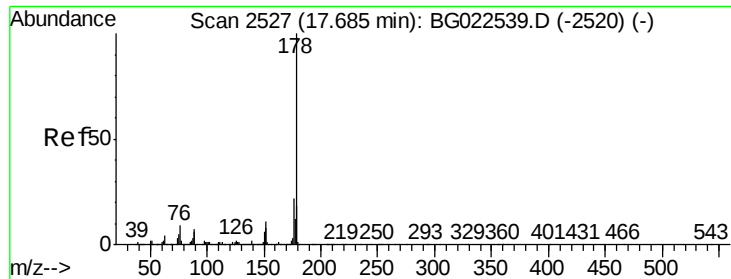
Tgt Ion: 266 Resp: 325271
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.9 77.9
 264 65.0 50.6 75.8



#70
 Phenanthrene
 Concen: 39.08 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion: 178 Resp: 1746022
 Ion Ratio Lower Upper
 178 100
 176 22.3 16.8 25.2
 179 17.8 14.3 21.5

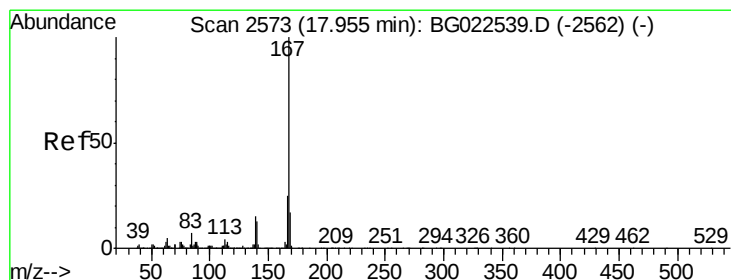
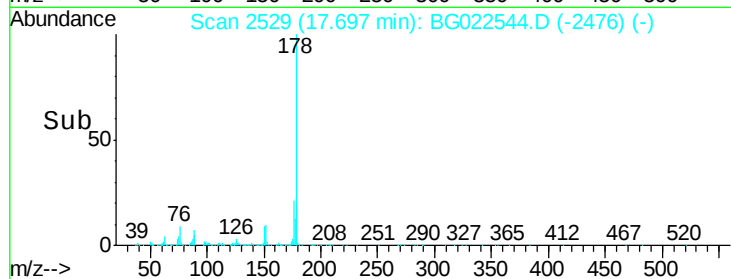
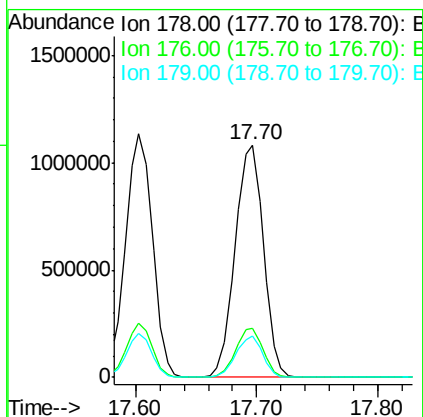
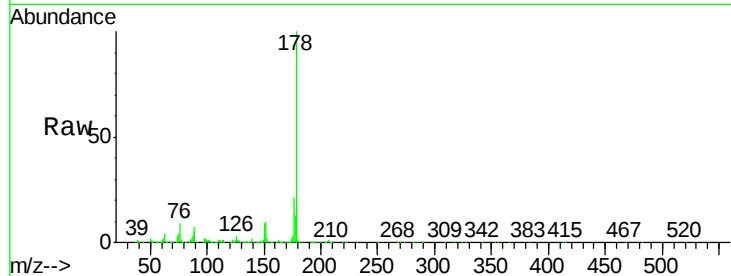




#71
 Anthracene
 Concen: 38.65 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

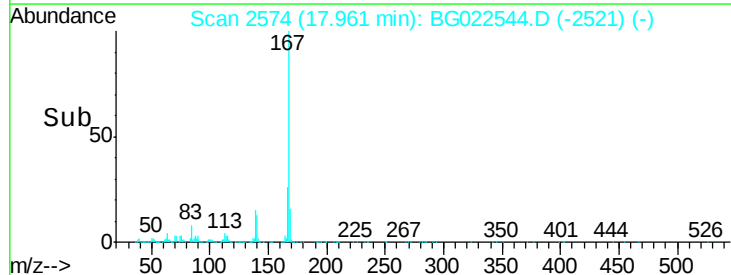
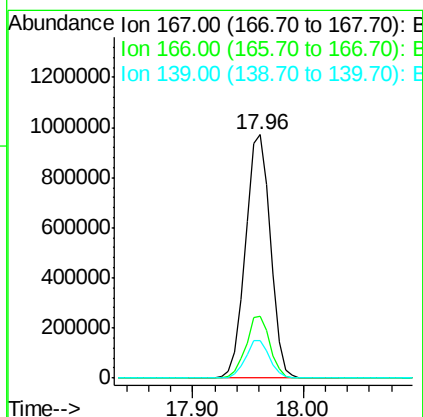
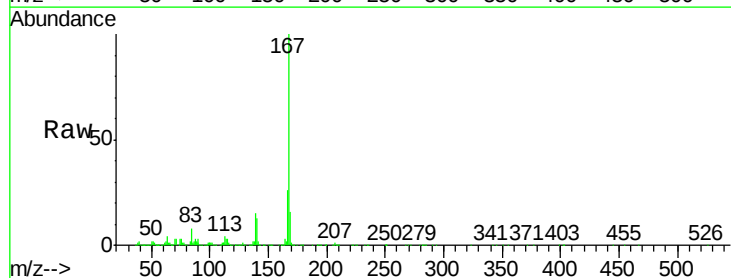
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

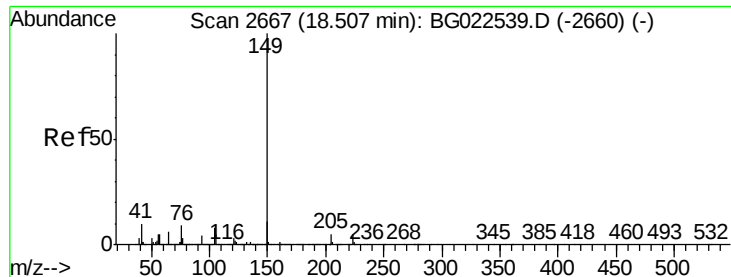
Tgt Ion:178 Resp: 1777009
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.3 25.9
 179 17.8 14.0 21.0



#72
 Carbazole
 Concen: 39.56 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion:167 Resp: 1541750
 Ion Ratio Lower Upper
 167 100
 166 25.6 20.7 31.1
 139 15.2 11.9 17.9





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 18.51 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

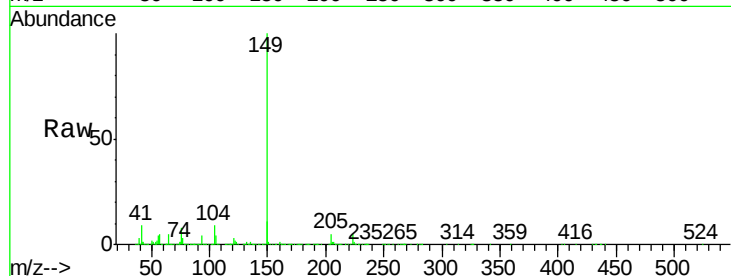
Tgt Ion:149 Resp: 1845267

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

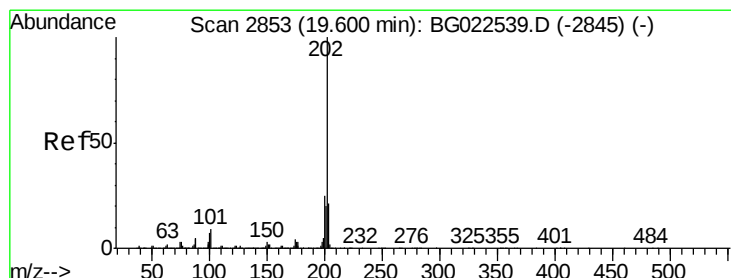
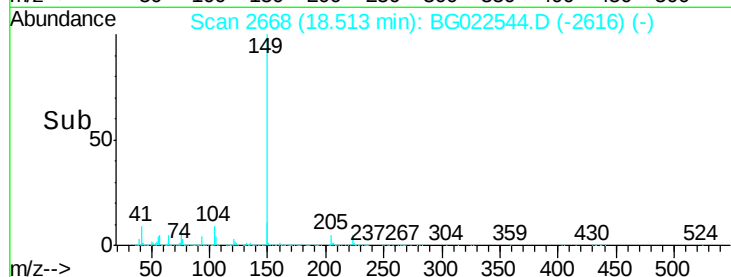
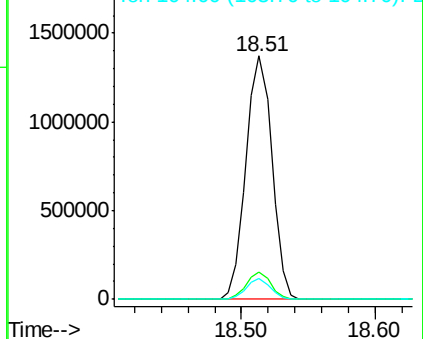
104 8.6 6.9 10.3



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: 39.31 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

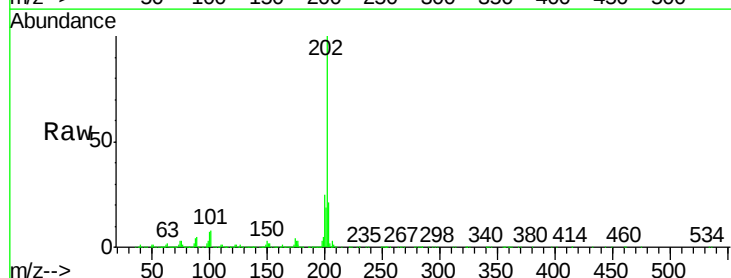
Tgt Ion:202 Resp: 2023029

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.4

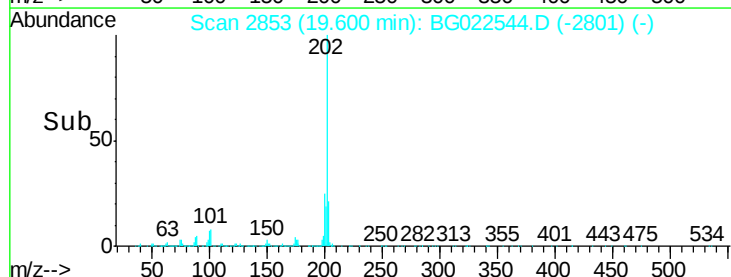
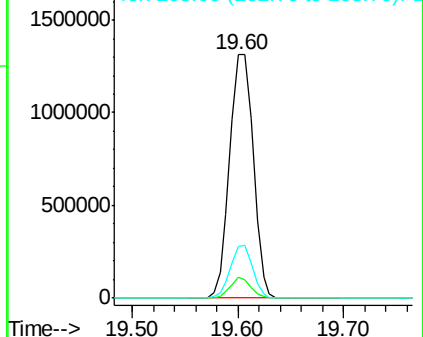
203 21.5 1.7 41.7

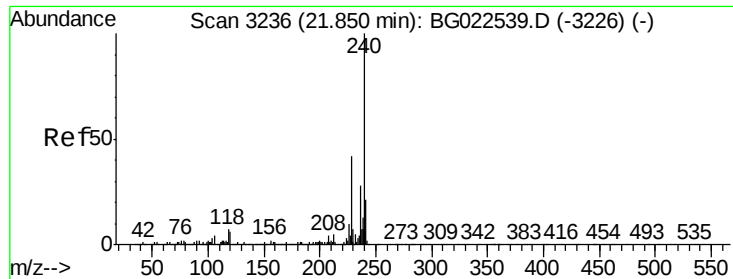


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

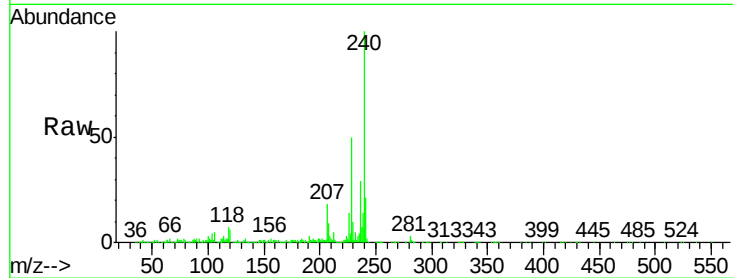
Tgt Ion:240 Resp: 952995

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

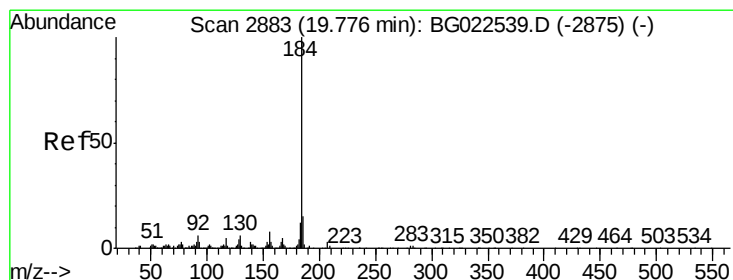
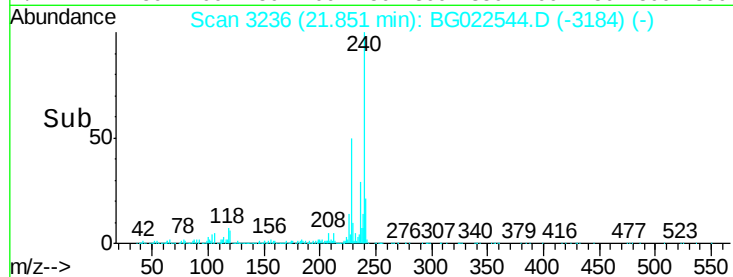
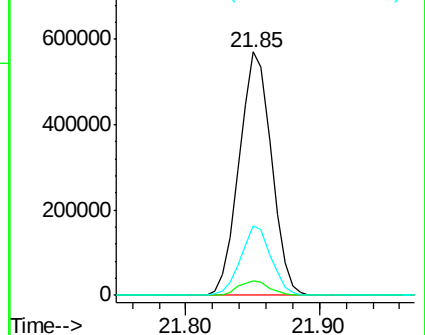
236 28.6 21.1 31.7



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



#76

Benzidine

Concen: 62.96 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

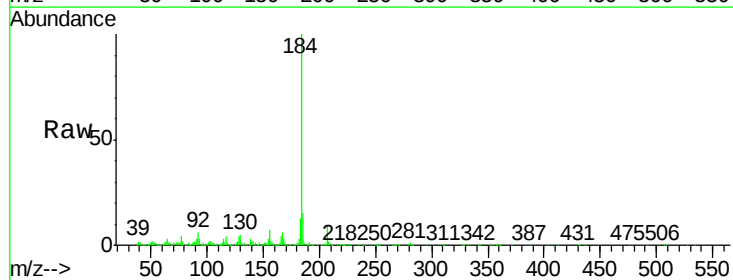
Tgt Ion:184 Resp: 638815

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

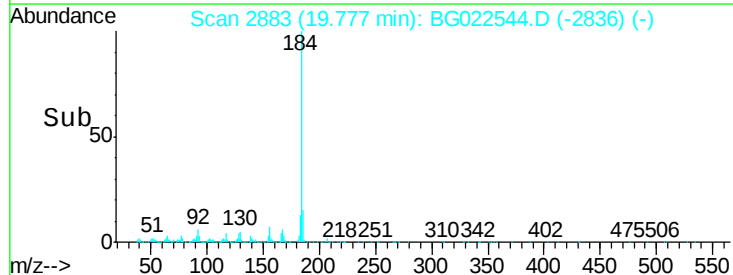
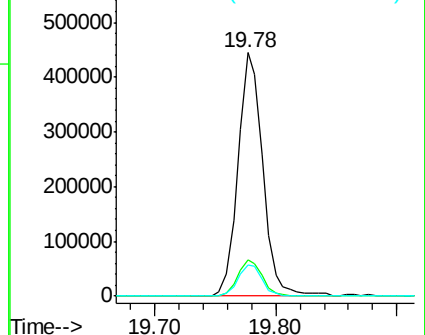
183 12.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.59 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

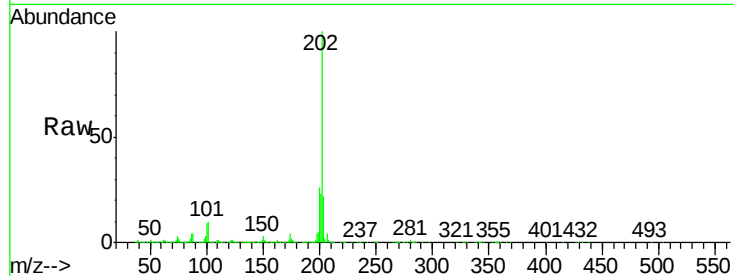
Tgt Ion:202 Resp: 2060211

Ion Ratio Lower Upper

202 100

200 26.1 21.2 31.8

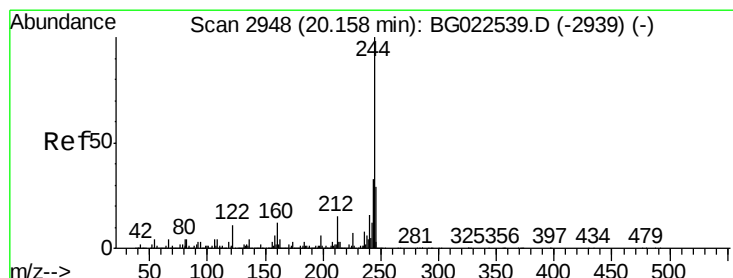
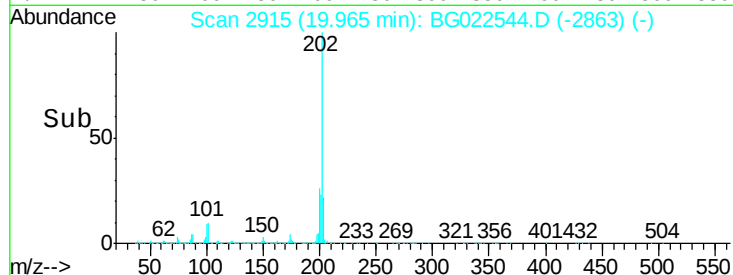
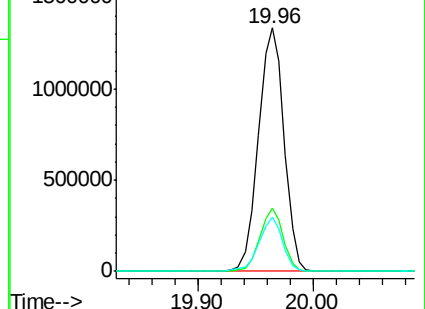
203 22.2 16.8 25.2



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: 72.89 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

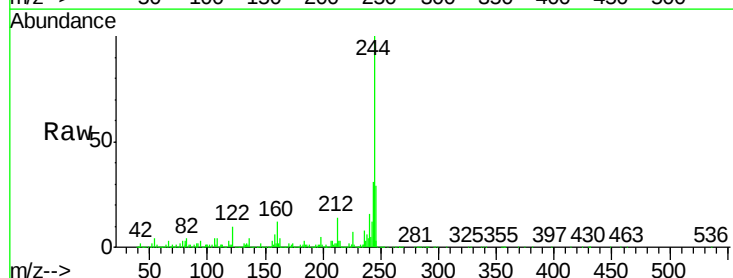
Tgt Ion:244 Resp: 2621946

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

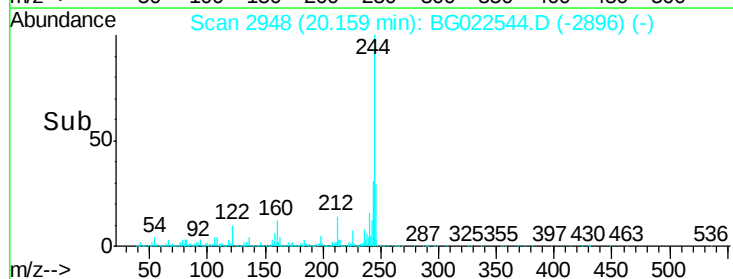
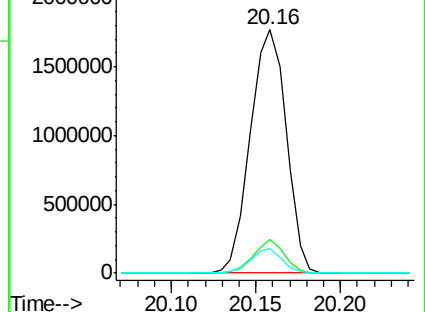
122 10.2 8.0 12.0

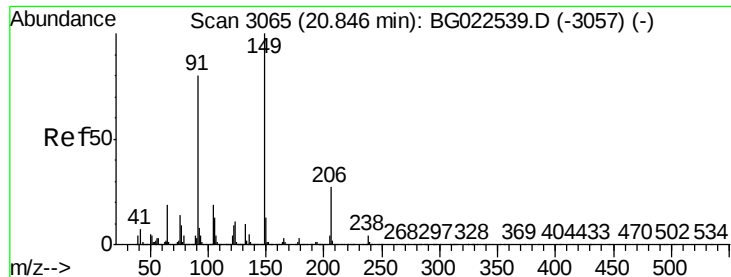


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.31 ng

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

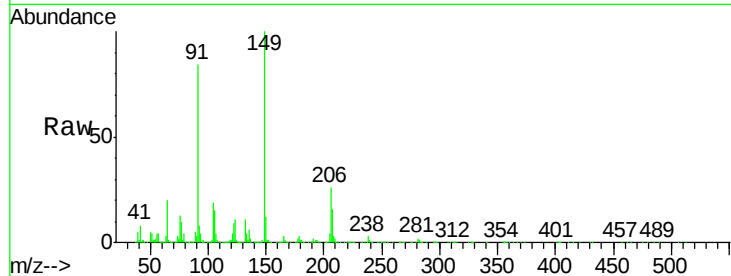
Tgt Ion:149 Resp: 885626

Ion Ratio Lower Upper

149 100

91 84.2 68.1 102.1

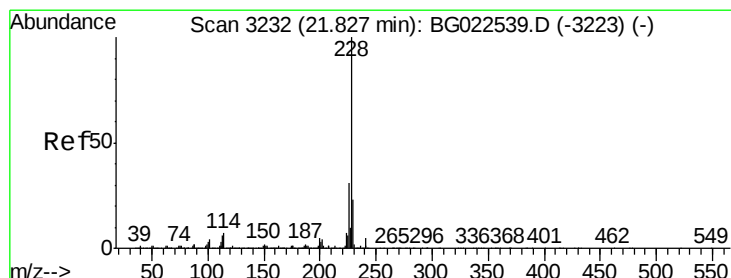
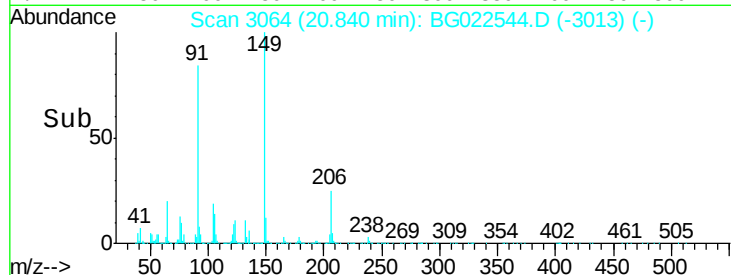
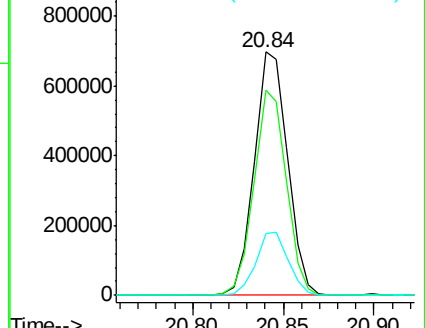
206 25.6 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.01 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

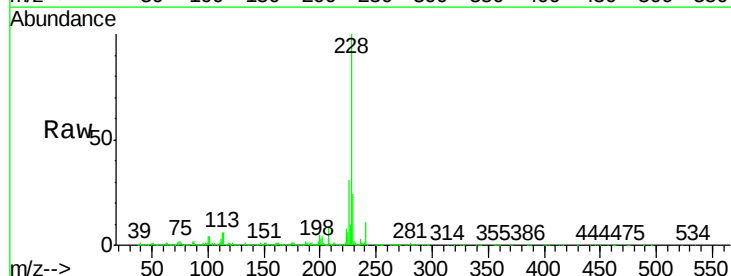
Tgt Ion:228 Resp: 2162360

Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

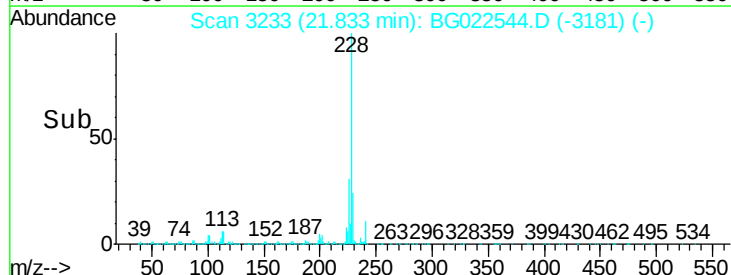
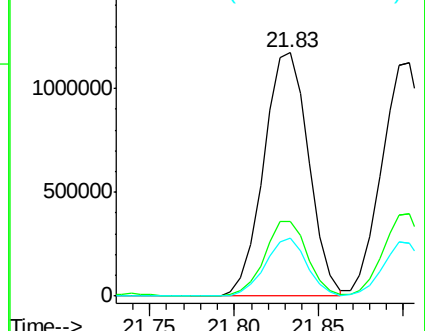
229 23.6 19.9 29.9

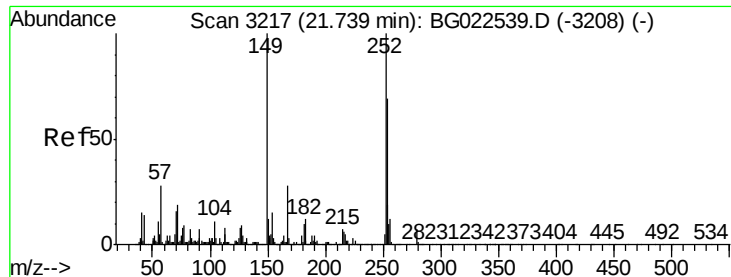


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

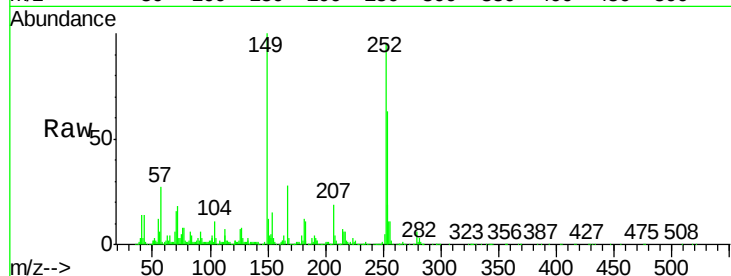




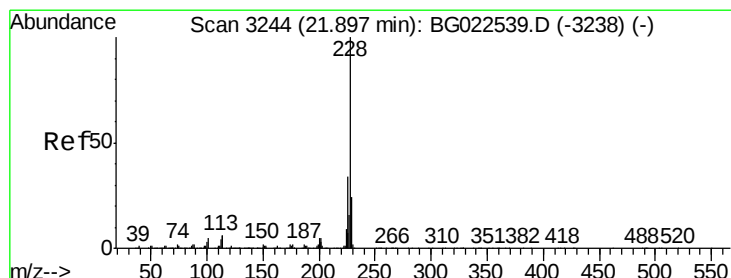
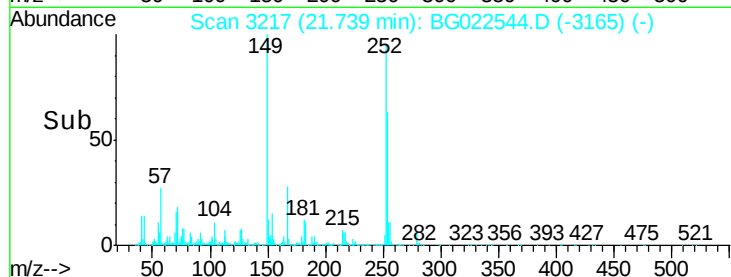
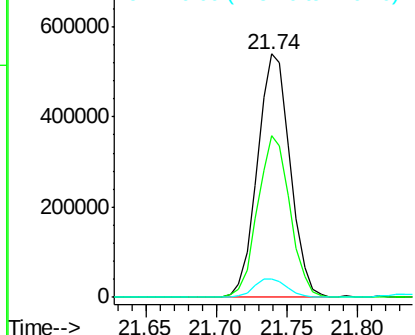
#81
 3,3'-Dichlorobenzidine
 Concen: 40.28 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

Tgt Ion:252 Resp: 877422
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.2 76.8
 126 7.4 5.3 7.9

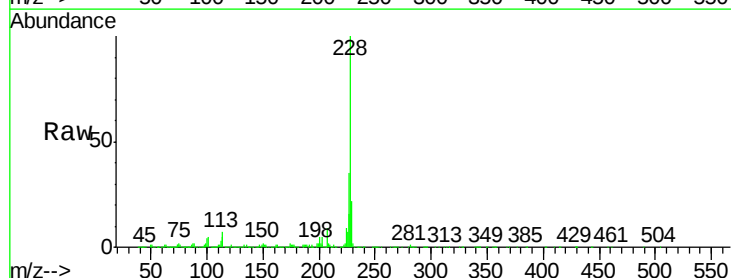


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

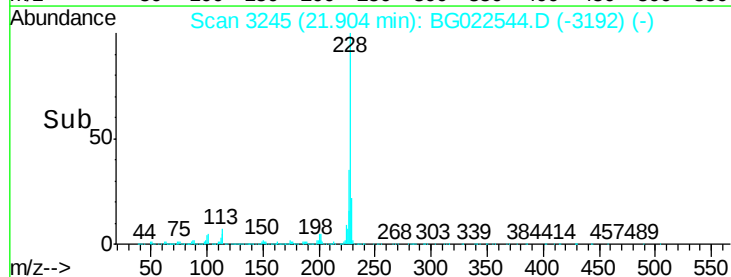
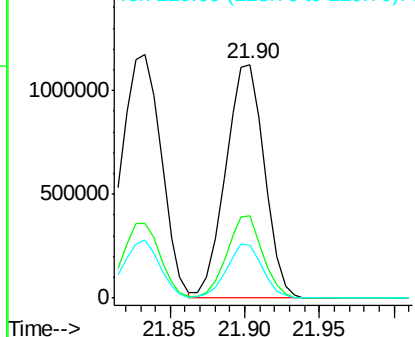


#82
 Chrysene
 Concen: 41.01 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion:228 Resp: 2032401
 Ion Ratio Lower Upper
 228 100
 226 35.3 26.7 40.1
 229 22.5 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.94 ng

RT: 21.73 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

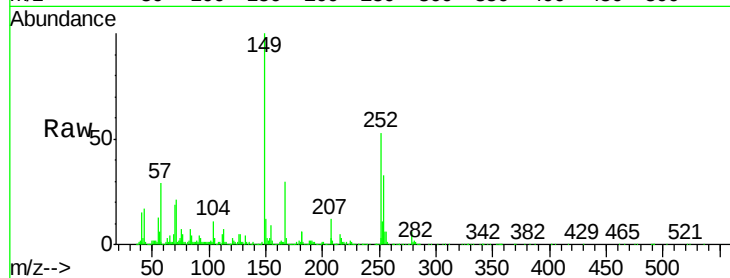
Tgt Ion:149 Resp: 1235779

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

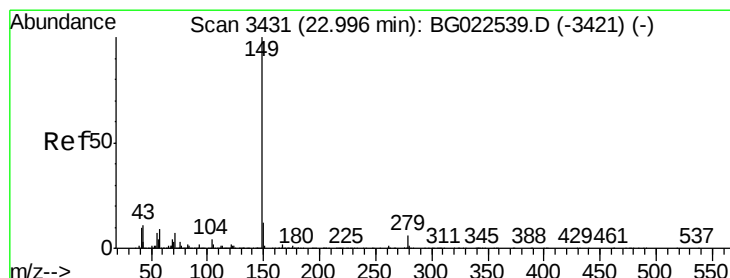
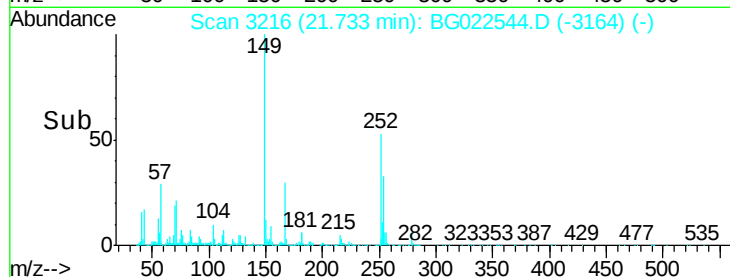
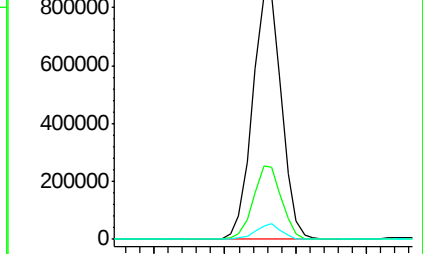
279 6.4 4.8 7.2



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: 40.20 ng

RT: 23.00 min Scan# 3431

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

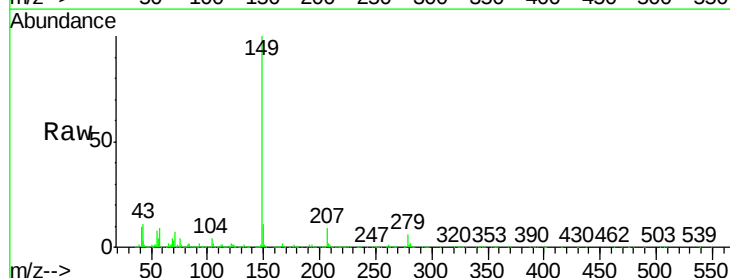
Tgt Ion:149 Resp: 2049864

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

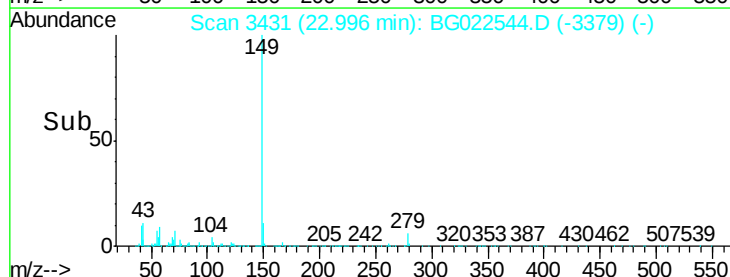
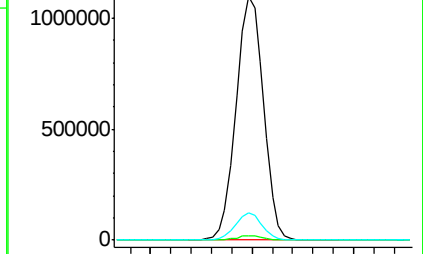
43 10.9 8.8 13.2

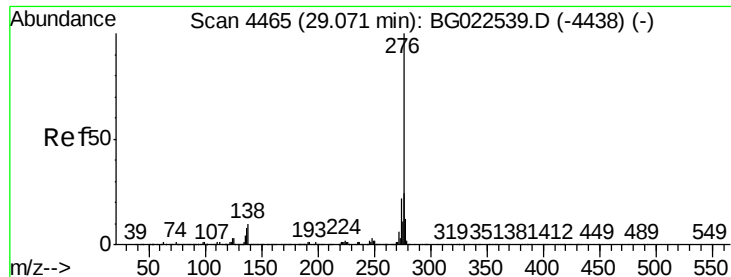


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.20 ng

RT: 29.07 min Scan# 4464

Delta R.T. 0.02 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

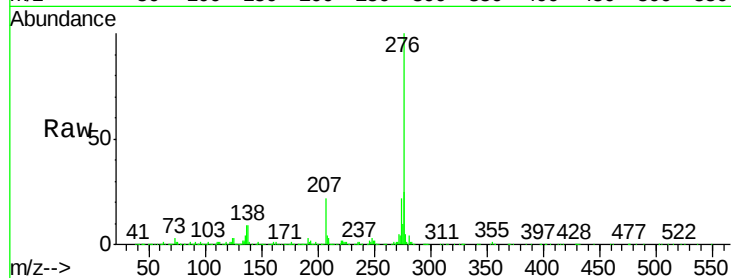
Tgt Ion:276 Resp: 2617674

Ion Ratio Lower Upper

276 100

138 9.2 0.0 0.0#

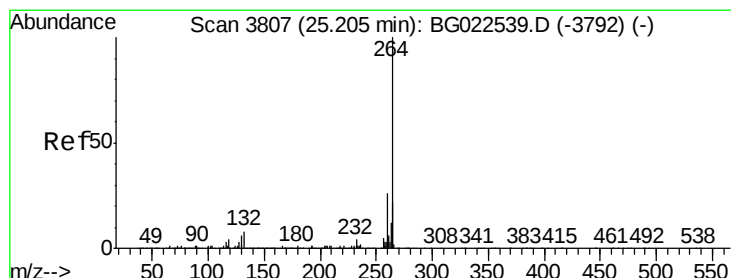
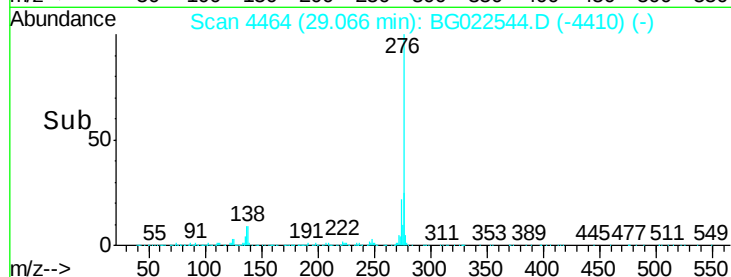
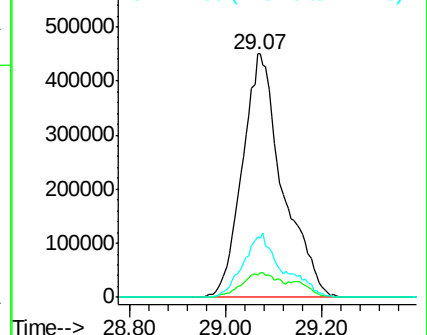
277 25.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

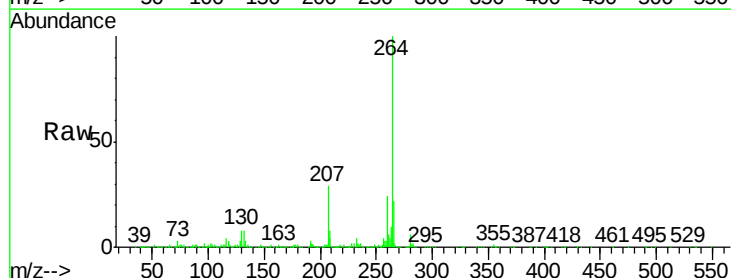
Tgt Ion:264 Resp: 1005951

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

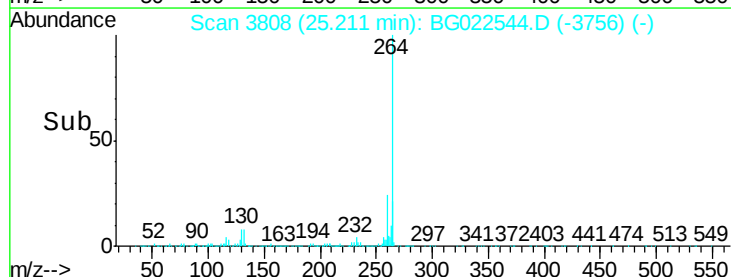
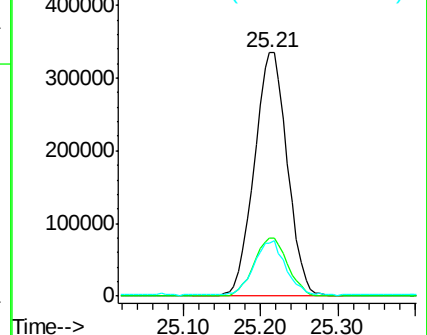
265 21.7 18.9 28.3

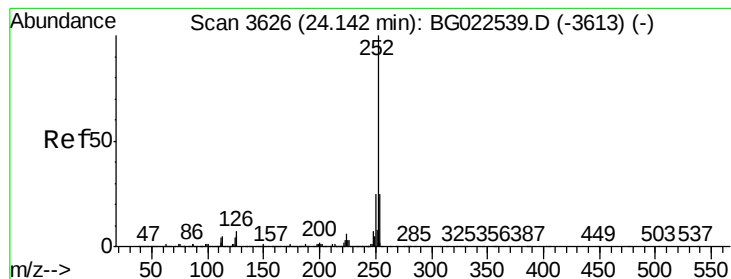


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.15 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

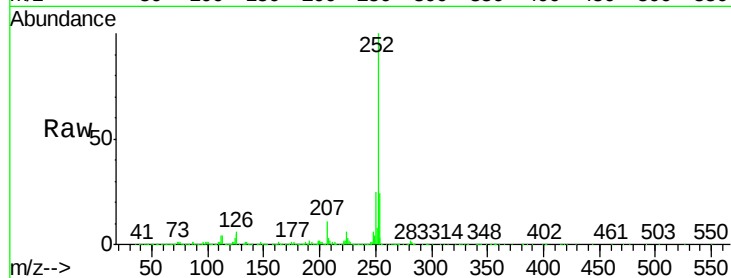
Tgt Ion:252 Resp: 2367811

Ion Ratio Lower Upper

252 100

253 24.2 18.9 28.3

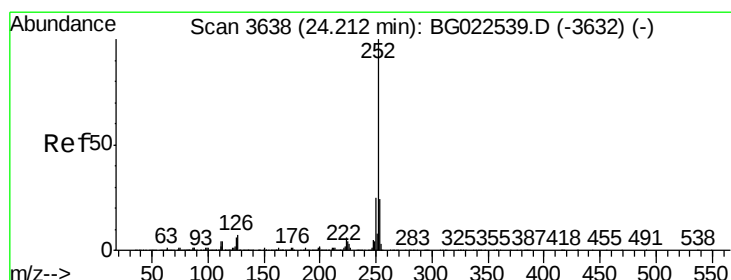
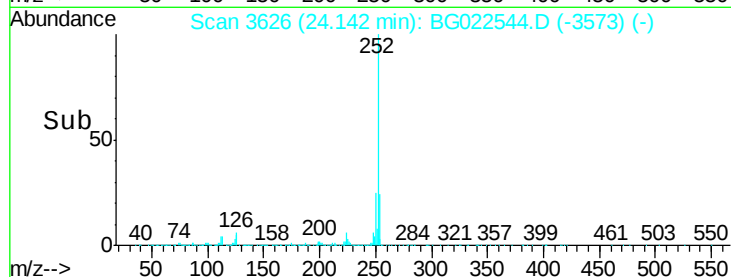
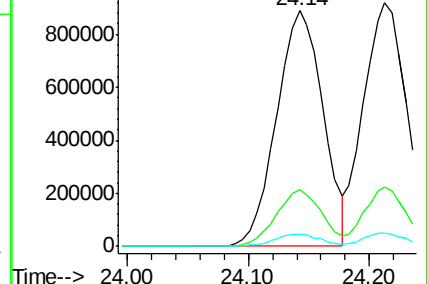
125 5.3 3.9 5.9



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: 39.84 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

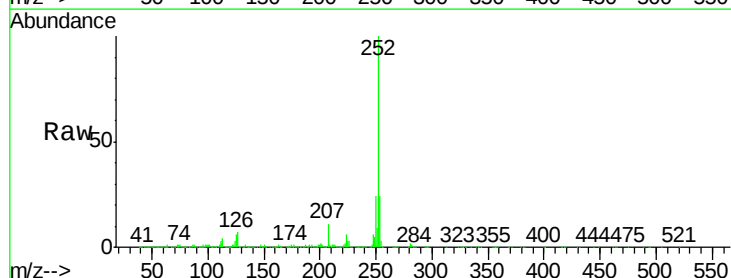
Tgt Ion:252 Resp: 2278175

Ion Ratio Lower Upper

252 100

253 24.4 18.8 28.2

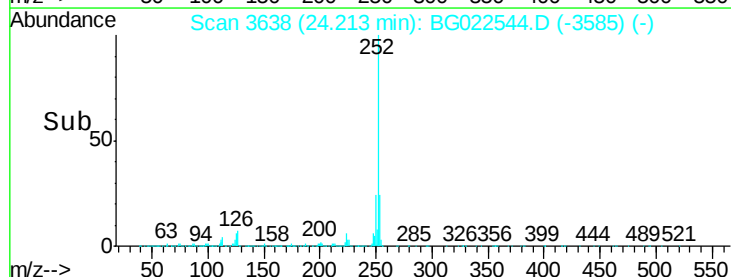
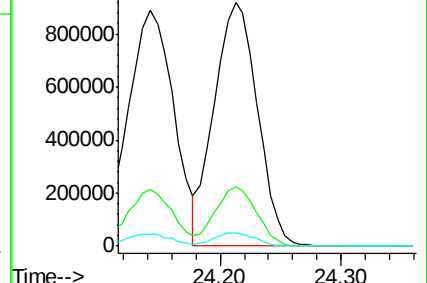
125 5.6 3.2 4.8#

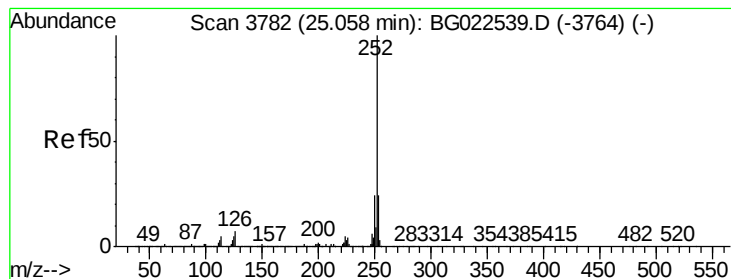


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.03 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

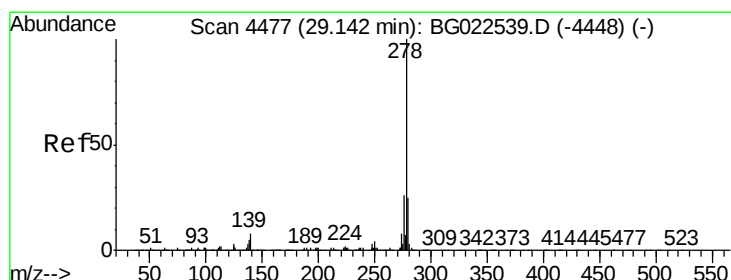
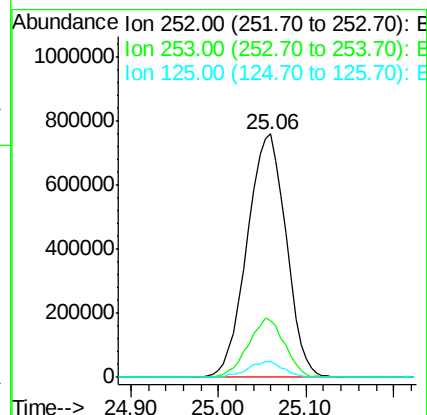
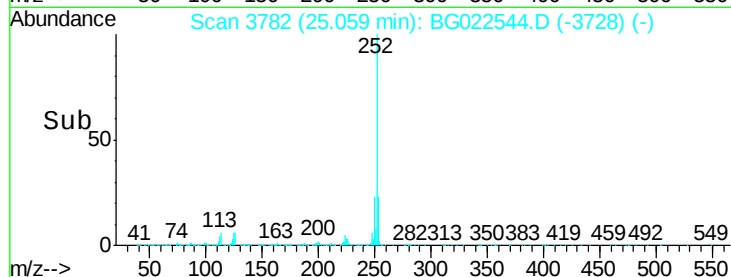
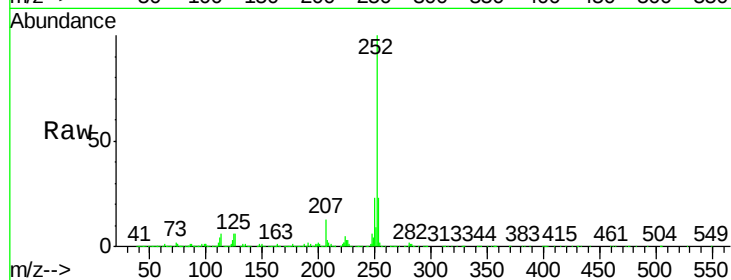
Tgt Ion:252 Resp: 2301485

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

125 6.3 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 38.80 ng

RT: 29.15 min Scan# 4479

Delta R.T. 0.04 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

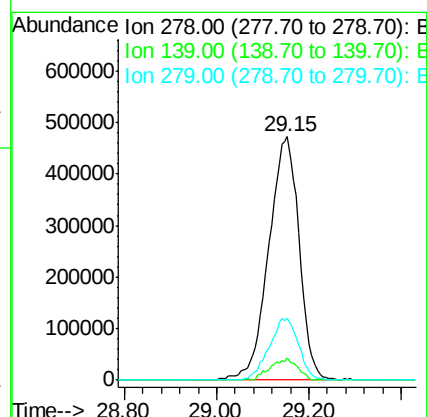
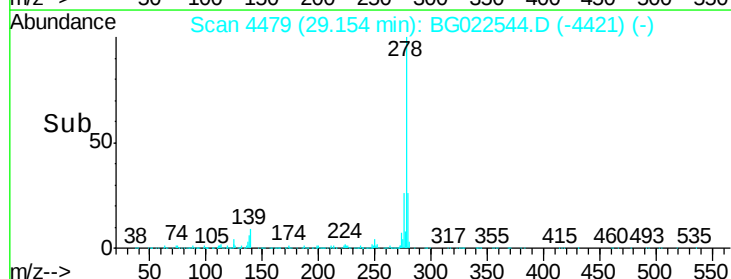
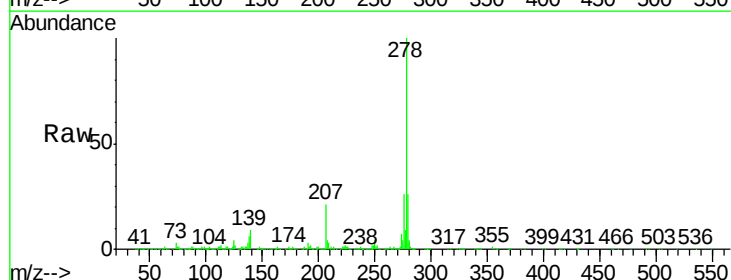
Tgt Ion:278 Resp: 2153952

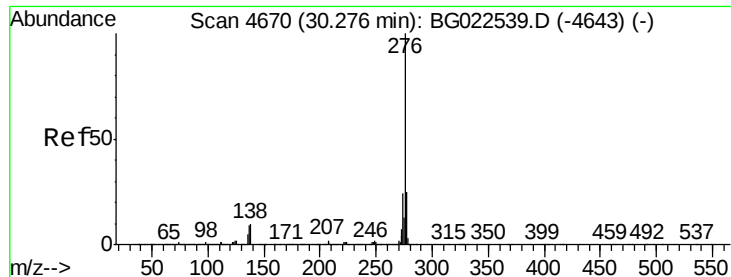
Ion Ratio Lower Upper

278 100

139 9.3 4.7 7.1#

279 25.6 18.3 27.5





#91

Benzo(g,h,i)perylene

Concen: 38.34 ng

RT: 30.28 min Scan# 4670

Delta R.T. 0.02 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG062516

Tgt Ion:276 Resp: 2166600

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 9.6 6.8 10.2

