

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 :

Quant Time: Jun 24 19:22:21 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 18:43:27 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	40.14	ng	0.01
7) Phenol-d6	7.32	99	923027	40.76	ng	0.02
23) Nitrobenzene-d5	9.35	82	1020048	40.13	ng	0.01
41) 2,4,6-Tribromophenol	16.30	330	437656	37.79	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1850204	39.84	ng	0.01
78) Terphenyl-d14	20.16	244	2621946	36.45	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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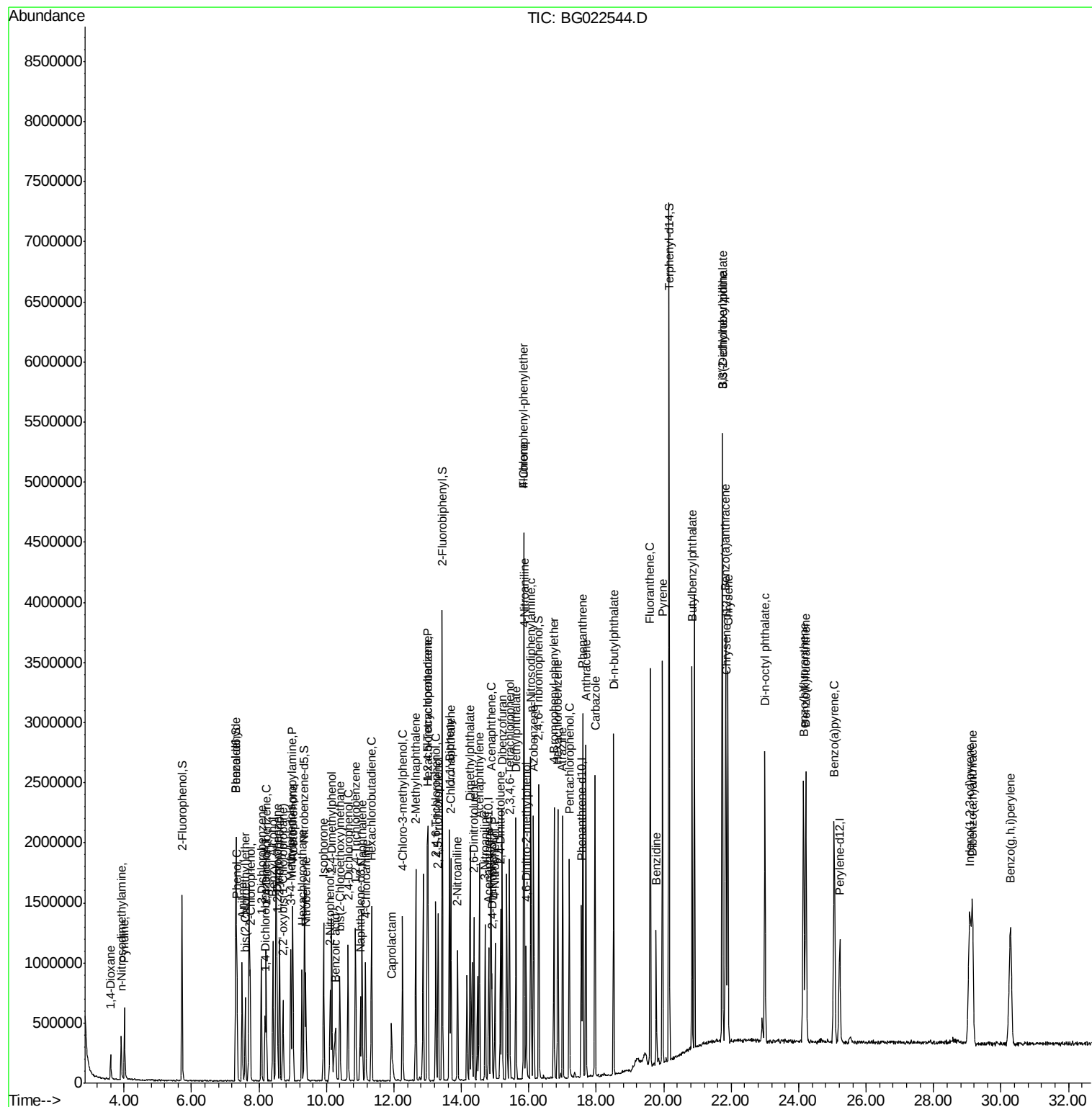
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	348822	39.13	nq	94
43) 2,4,5-Trichlorophenol	13.31	196	365763	39.21	nq	92
45) 1,1'-Biphenyl	13.64	154	1064184	37.94	nq	97
46) 2-Chloronaphthalene	13.69	162	871791	37.77	nq	97
47) 2-Nitroaniline	13.88	65	347325	38.99	nq	94
48) Acenaphthylene	14.54	152	1283781	38.35	nq	99
49) Dimethylphthalate	14.26	163	1164009	38.11	nq	97
50) 2,6-Dinitrotoluene	14.38	165	263660	39.72	nq	88
51) Acenaphthene	14.88	154	952481	38.62	nq	99
52) 3-Nitroaniline	14.71	138	247205	39.81	nq	95
53) 2,4-Dinitrophenol	14.91	184	167738	41.03	nq	94
54) Dibenzofuran	15.21	168	1345298	37.66	nq	99
55) 4-Nitrophenol	14.99	139	211156	40.21	nq	95
56) 2,4-Dinitrotoluene	15.16	165	364104	39.60	nq	97
57) Fluorene	15.86	166	1081346	37.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	377797	39.07	nq	# 99
59) Diethylphthalate	15.62	149	1176175	37.46	nq	99
60) 4-Chlorophenyl-phenylether	15.85	204	638709	37.64	nq	98
61) 4-Nitroaniline	15.87	138	243488	38.00	nq	91
62) Azobenzene	16.14	77	1282769	37.72	nq	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	235801	40.13	nq	93
65) n-Nitrosodiphenylamine	16.06	169	997604	39.13	nq	96
66) 4-Bromophenyl-phenylether	16.74	248	437360	38.48	nq	97
67) Hexachlorobenzene	16.86	284	455977	37.94	nq	98
68) Atrazine	17.00	200	425759	39.55	nq	98
69) Pentachlorophenol	17.20	266	325271	39.33	nq	98
70) Phenanthrene	17.60	178	1746022	39.08	nq	98
71) Anthracene	17.70	178	1777009	38.65	nq	99
72) Carbazole	17.96	167	1541750	39.56	nq	99
73) Di-n-butylphthalate	18.51	149	1845267	40.65	nq	100
74) Fluoranthene	19.60	202	2023029	39.31	nq	99
76) Benzidine	19.78	184	638815	62.96	nq	98
77) Pyrene	19.96	202	2060211	40.59	nq	98
79) Butylbenzylphthalate	20.84	149	885626	40.31	nq	99
80) Benzo(a)anthracene	21.83	228	2162360	41.01	nq	98
81) 3,3'-Dichlorobenzidine	21.74	252	877422	40.28	nq	97
82) Chrysene	21.90	228	2032401	41.01	nq	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1235779	39.94	nq	99
84) Di-n-octyl phthalate	23.00	149	2049864	40.20	nq	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	2617674	40.20	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	2367811	39.15	nq	99
88) Benzo(k)fluoranthene	24.21	252	2278175	39.84	nq	# 98
89) Benzo(a)pyrene	25.06	252	2301485	39.03	nq	# 99
90) Dibenzo(a,h)anthracene	29.15	278	2153952	38.80	nq	# 93
91) Benzo(g,h,i)perylene	30.28	276	2166600	38.34	nq	98

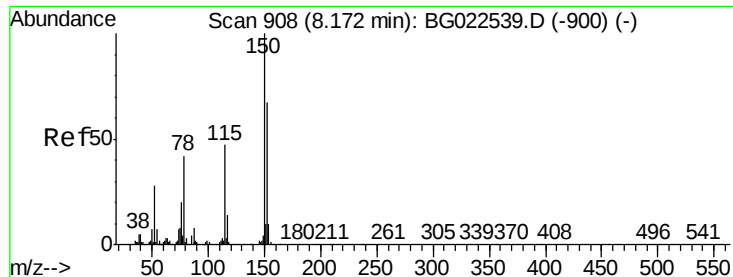
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

BNA_G

ClientSampleId :

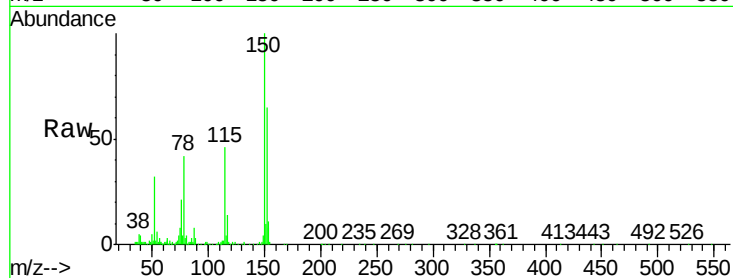
Tot Ion:152 Resp: 128848

Ion Ratio Lower Upper

152 100

150 153.2 144.7 217.1

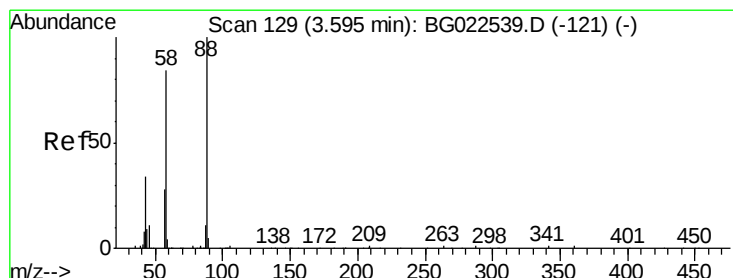
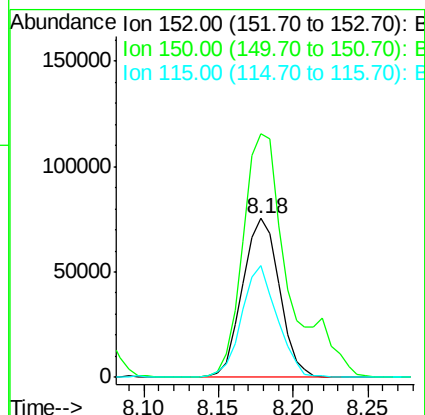
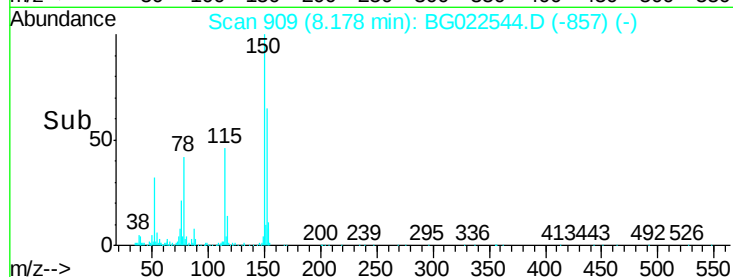
115 70.5 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 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

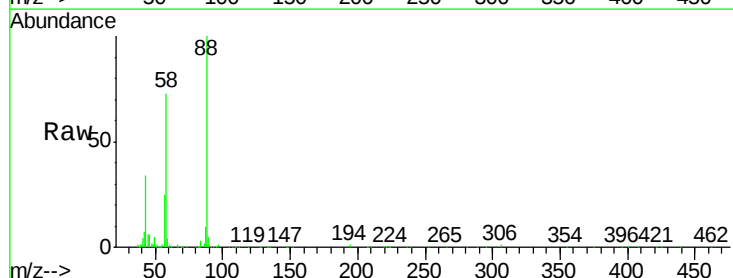
Tgt Ion: 88 Resp: 142365

Ion Ratio Lower Upper

88 100

58 69.8 60.4 90.6

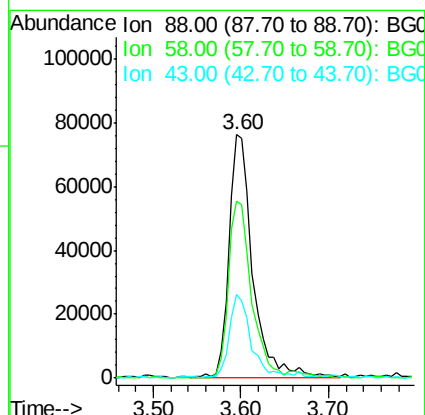
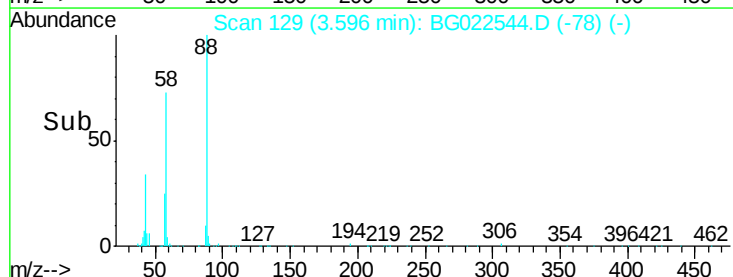
43 31.8 31.1 46.7

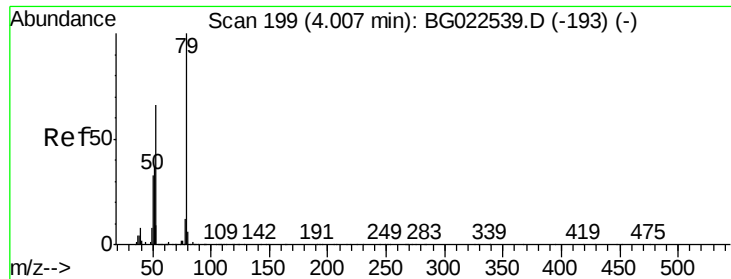


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

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 :

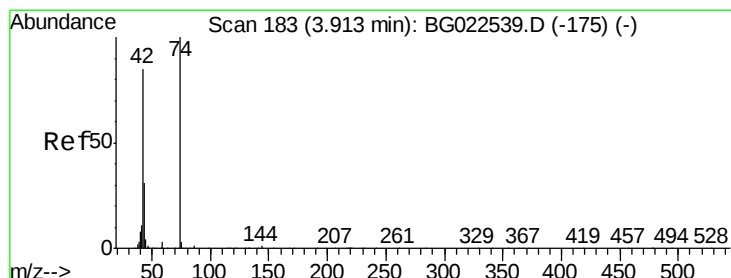
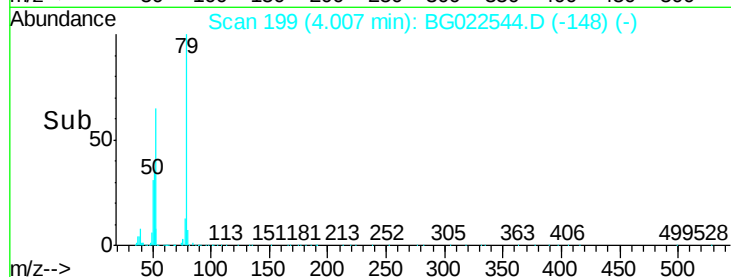
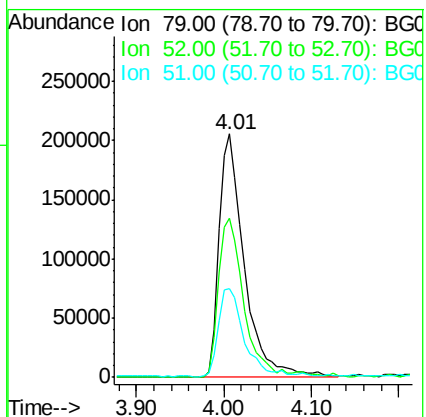
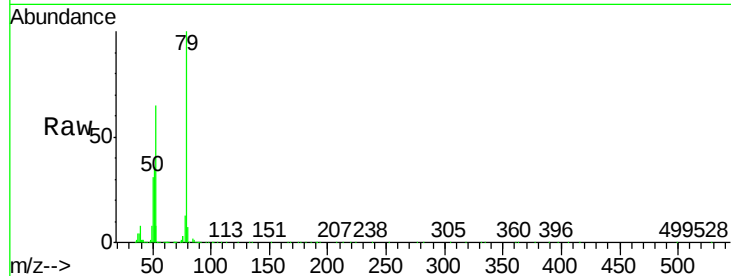
Tot Ion: 79 Resp: 409600

Ion Ratio Lower Upper

79 100

52 65.2 51.8 77.8

51 36.4 32.7 49.1



#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

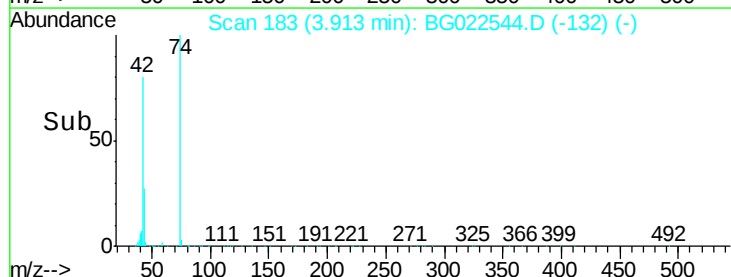
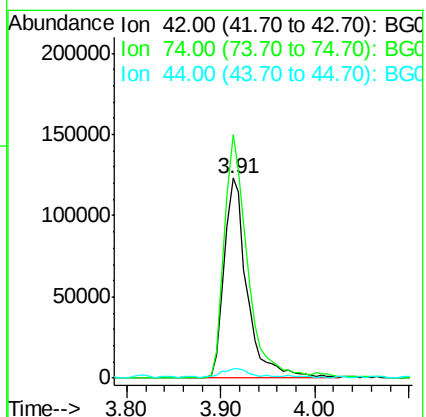
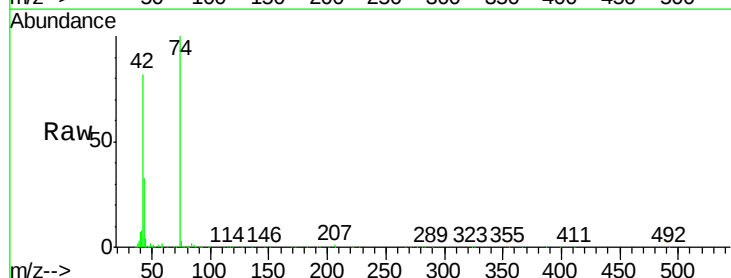
Tgt Ion: 42 Resp: 210172

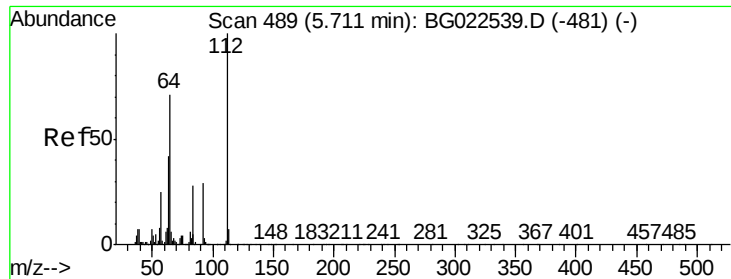
Ion Ratio Lower Upper

42 100

74 121.8 100.6 150.8

44 4.7 4.5 6.7





#5

2-Fluorophenol

Concen: 40.14 ng

RT: 5.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Instrument :

BNA_G

ClientSampleId :

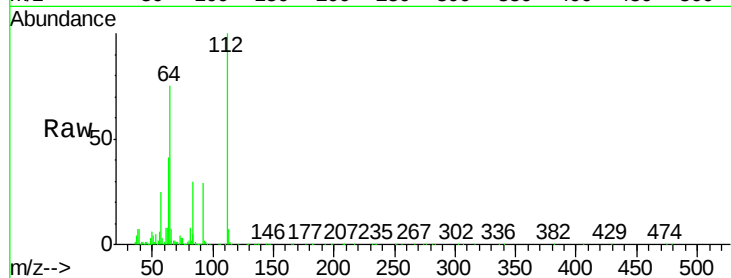
Tot Ion: 112 Resp: 644960

Ion Ratio Lower Upper

112 100

64 75.0 59.0 88.4

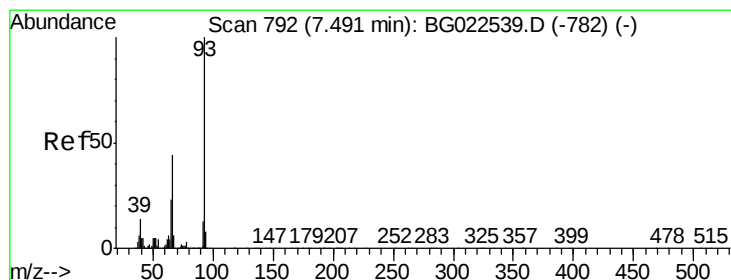
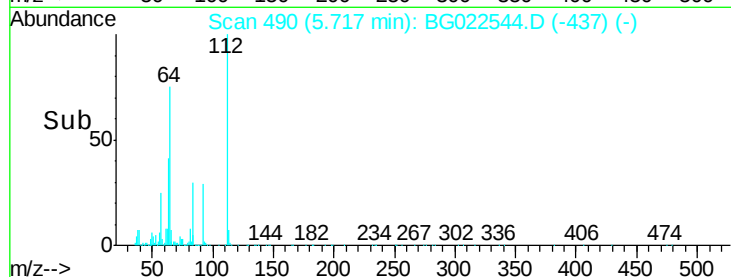
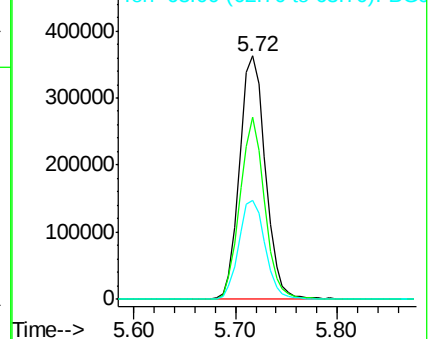
63 40.6 37.8 56.8



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

Acq: 24 Jun 2016 18:47

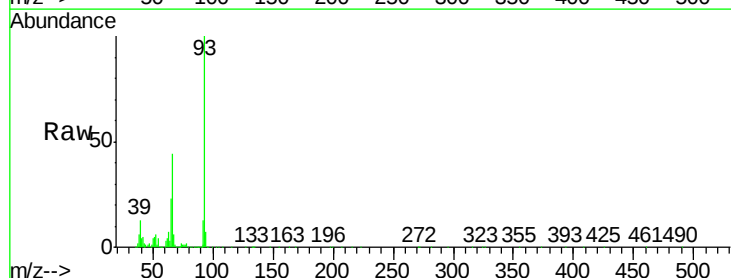
Tgt Ion: 93 Resp: 628199

Ion Ratio Lower Upper

93 100

66 43.9 37.5 56.3

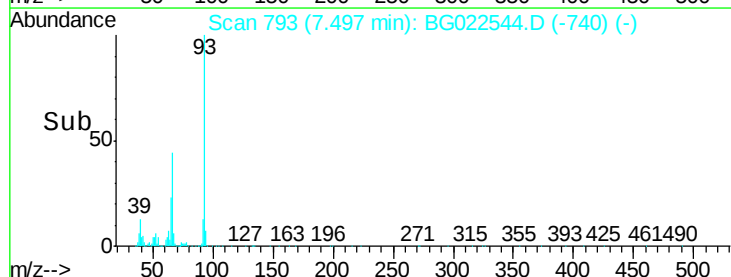
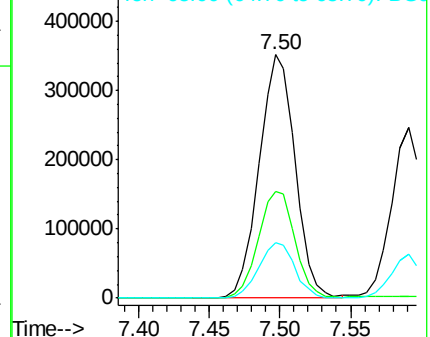
65 23.0 17.9 26.9

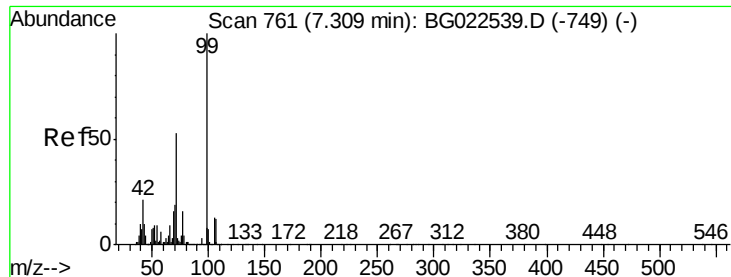


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.76 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG022544.D

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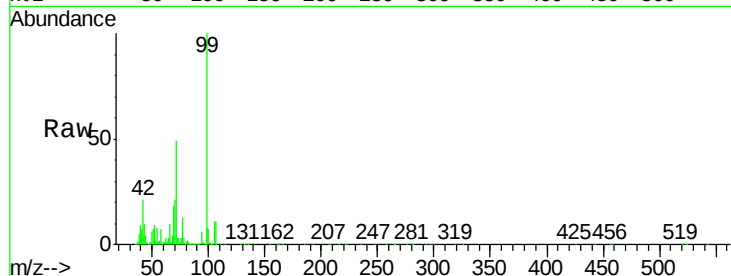
Tot Ion: 99 Resp: 923027

Ion Ratio Lower Upper

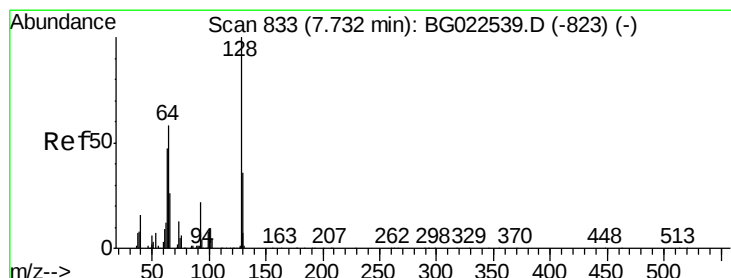
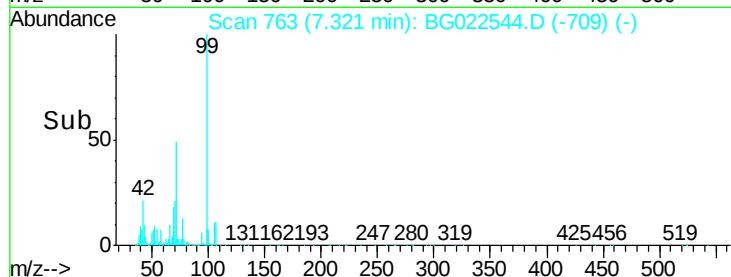
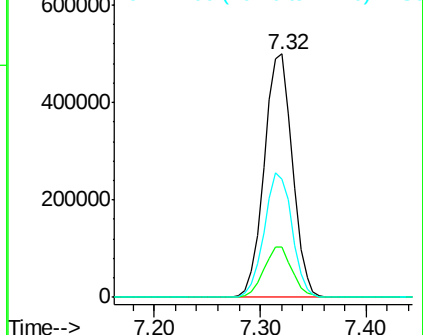
99 100

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

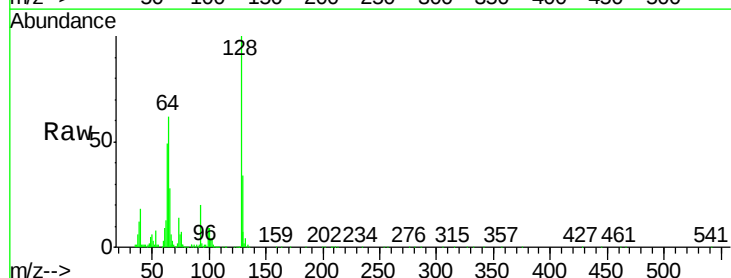
Tgt Ion: 128 Resp: 327401

Ion Ratio Lower Upper

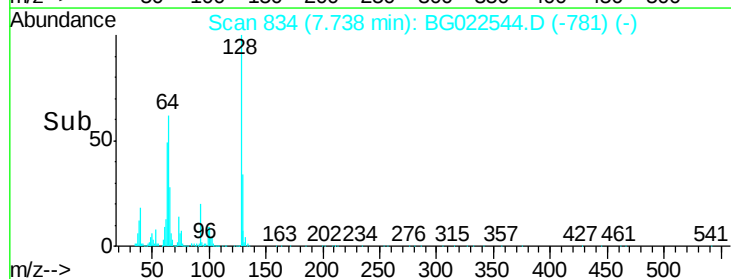
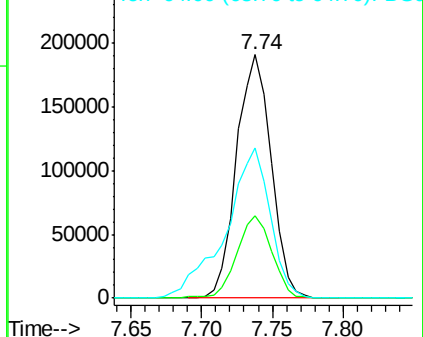
128 100

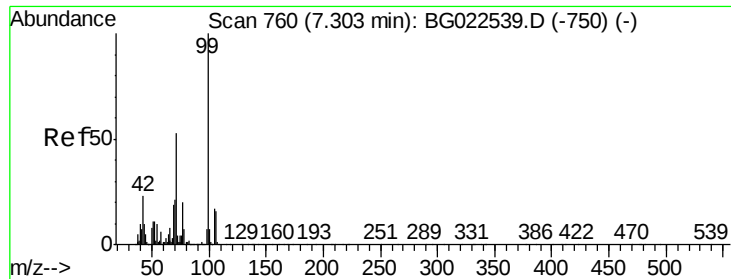
130 33.8 12.9 52.9

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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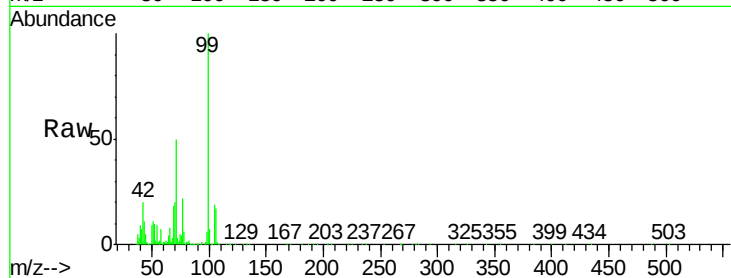
Tot Ion: 77 Resp: 168332

Ion Ratio Lower Upper

77 100

105 86.3 58.7 98.7

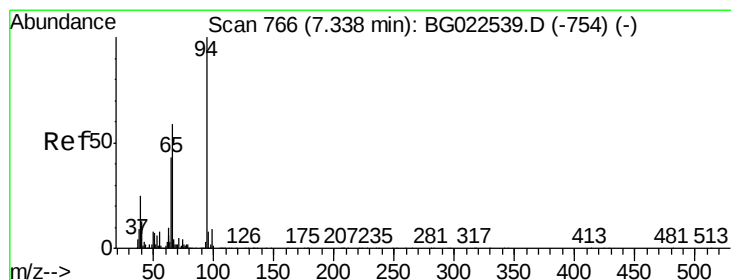
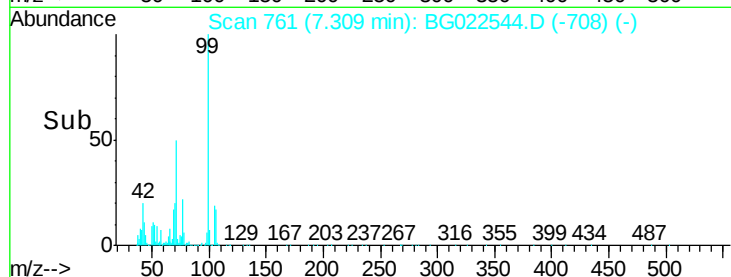
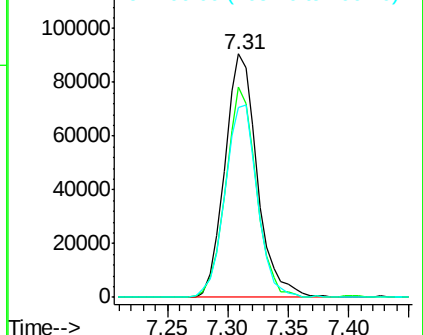
106 77.7 67.5 107.5



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

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

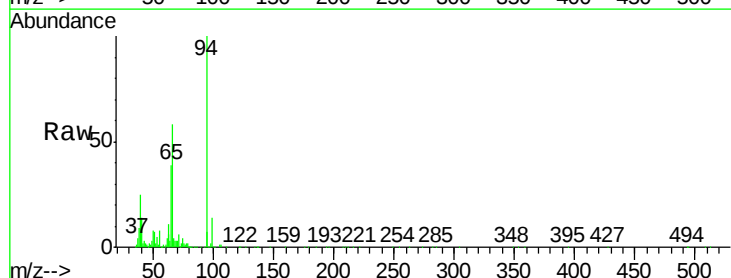
Tgt Ion: 94 Resp: 485765

Ion Ratio Lower Upper

94 100

65 39.3 18.1 58.1

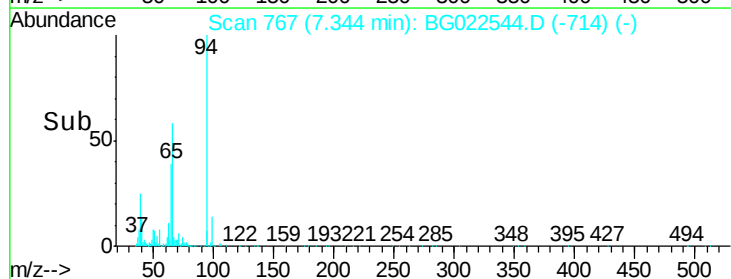
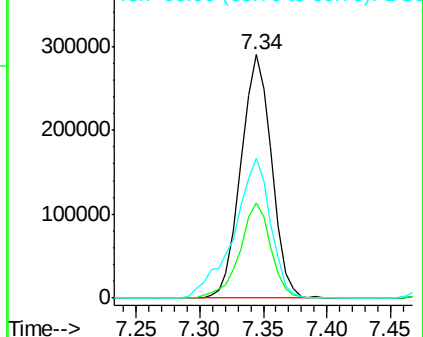
66 57.7 42.1 82.1

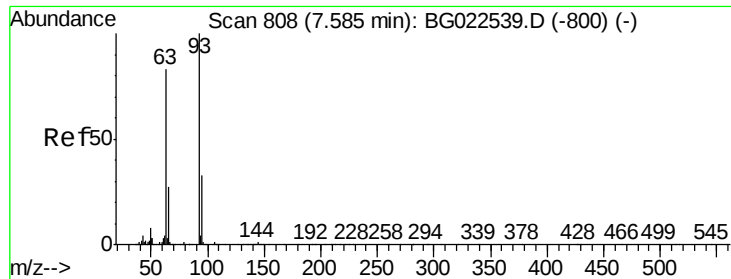


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

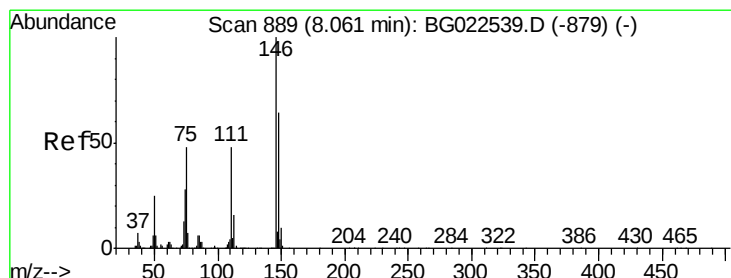
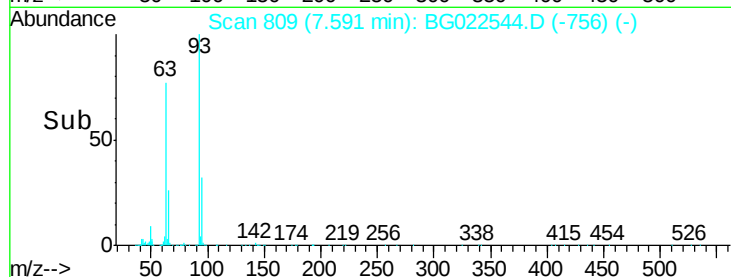
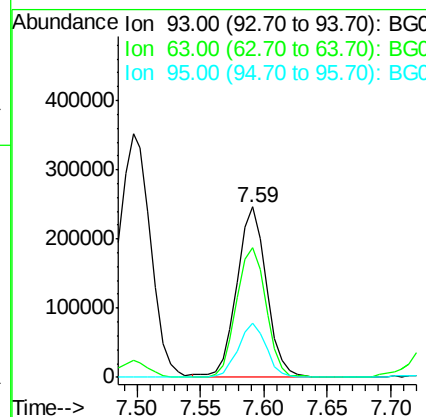
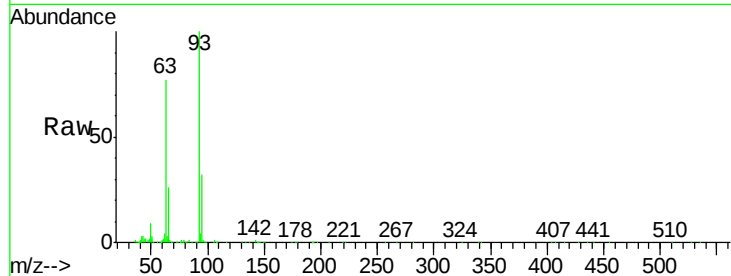




#11
bis(2-Chloroethyl)ether
Concen: 40.51 ng
RT: 7.59 min Scan# 809
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

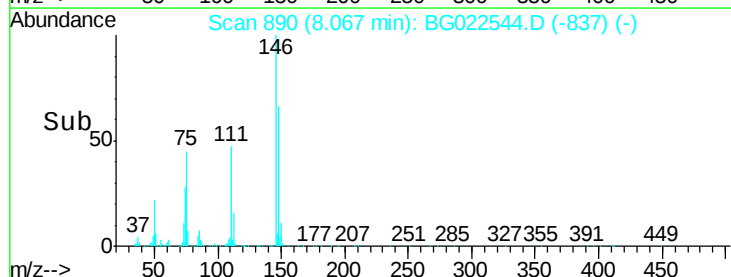
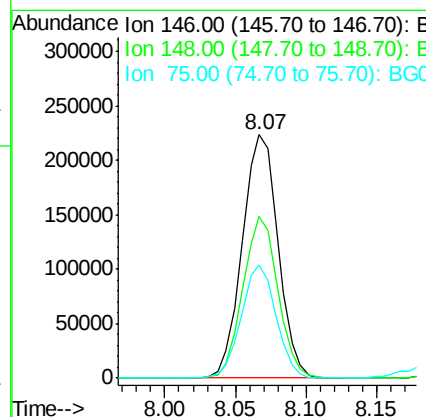
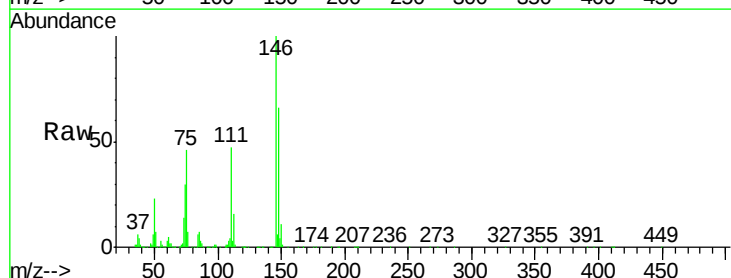
Instrument :
BNA_G
ClientSampled :

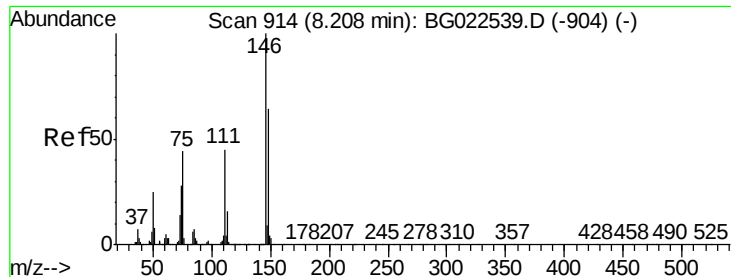
Tot Ion: 93 Resp: 399123
Ion Ratio Lower Upper
93 100
63 76.5 55.0 95.0
95 31.9 11.0 51.0



#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

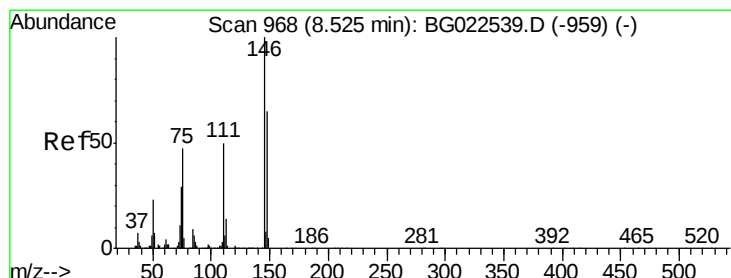
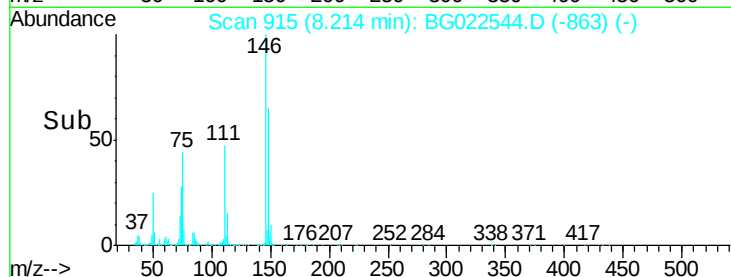
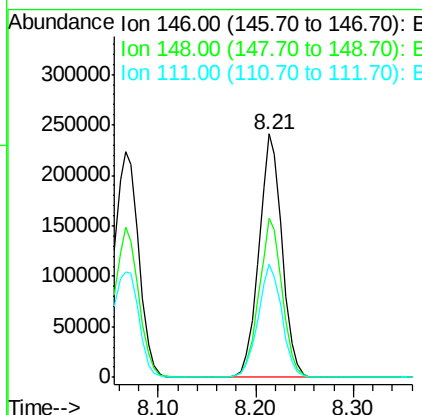
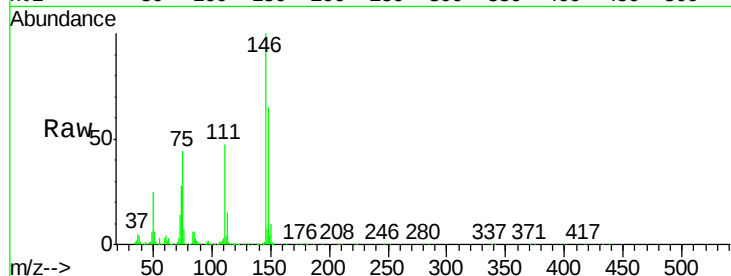




#13
 1,4-Dichlorobenzene
 Concen: 39.37 ng
 RT: 8.21 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

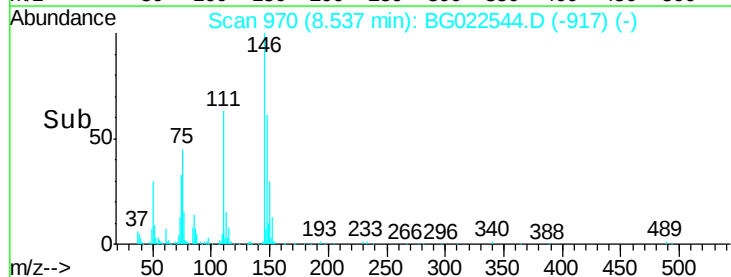
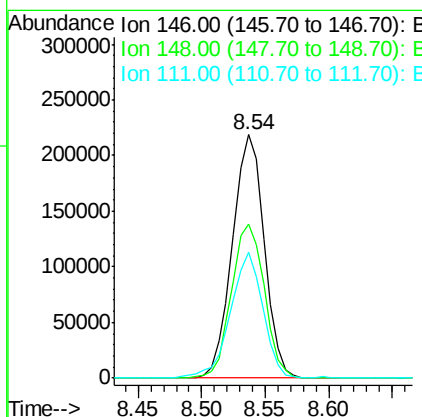
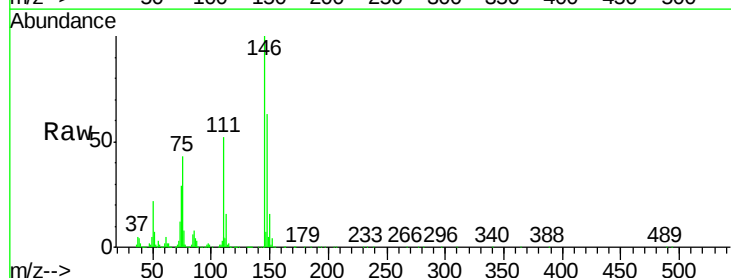
Instrument :
 BNA_G
 ClientSampleId :

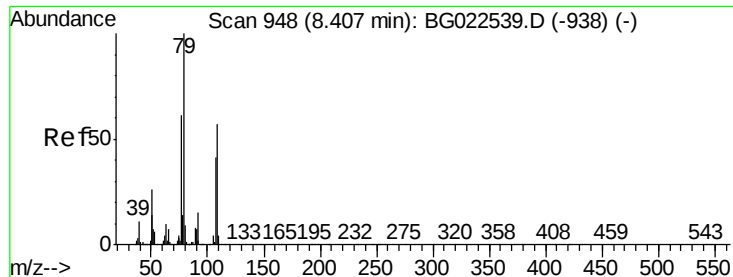
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.5	81.7
111	46.6	37.8	56.8



#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 :

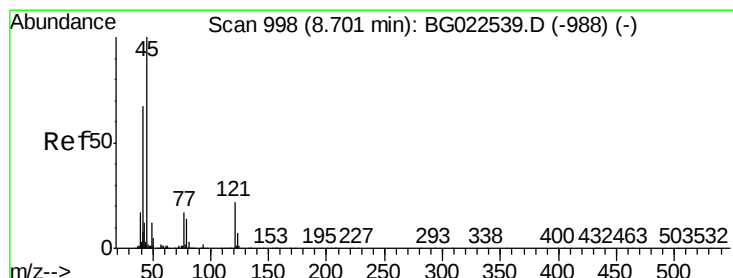
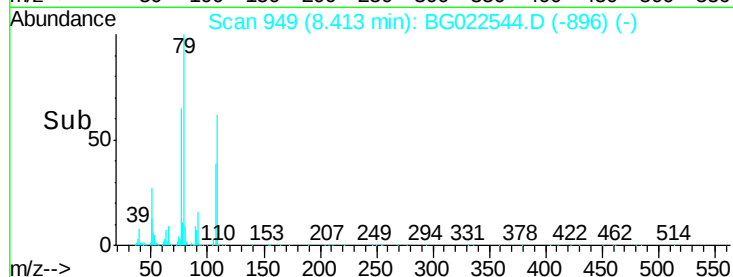
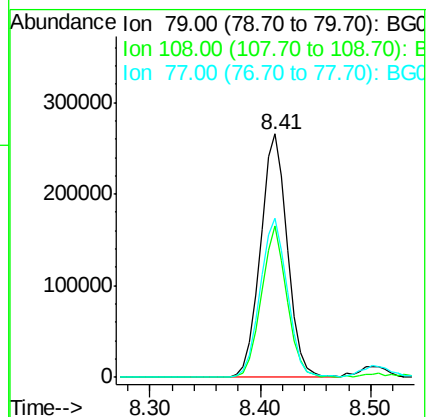
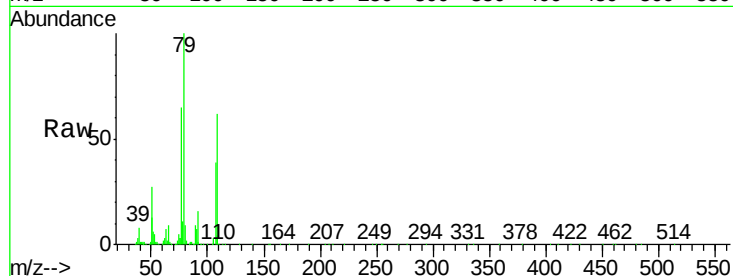
Tot Ion: 79 Resp: 452531

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

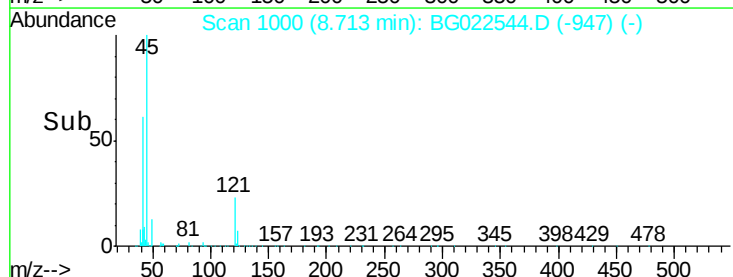
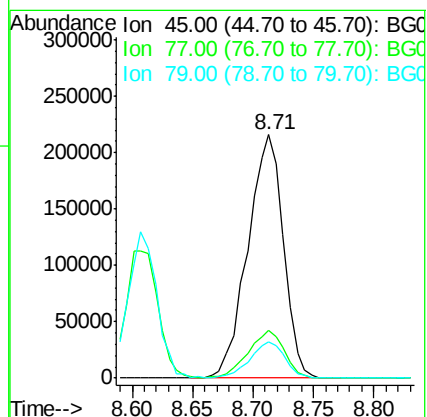
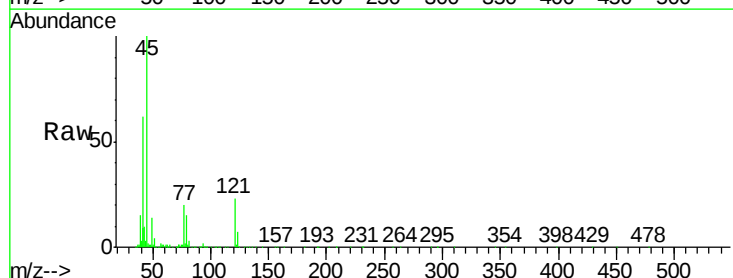
Tgt Ion: 45 Resp: 441475

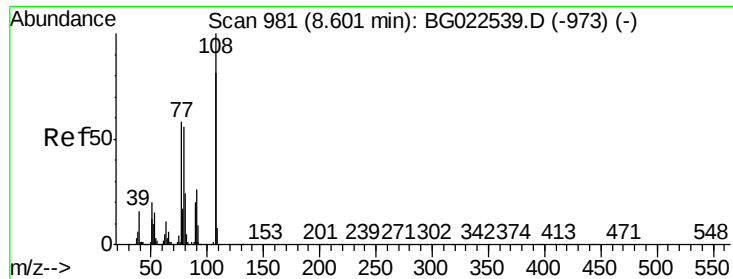
Ion Ratio Lower Upper

45 100

77 19.6 0.6 40.6

79 14.9 0.0 36.2

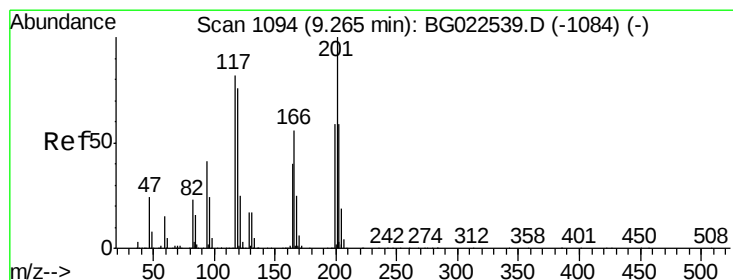
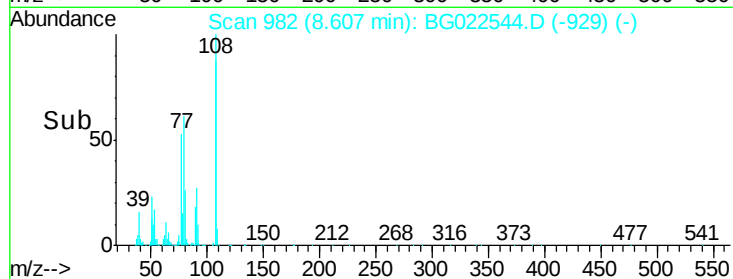
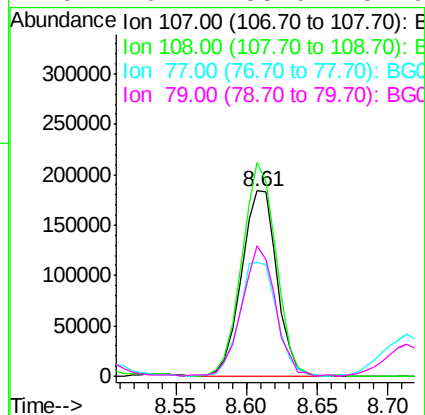
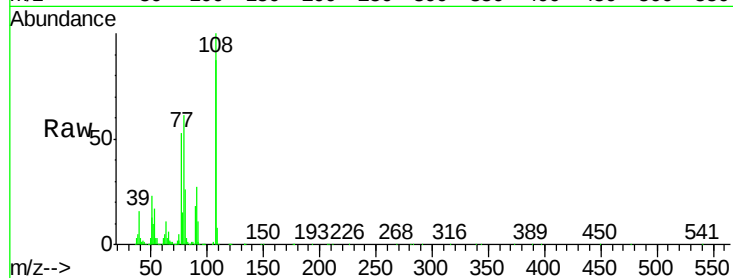




#17
2-Methylphenol
Concen: 40.92 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

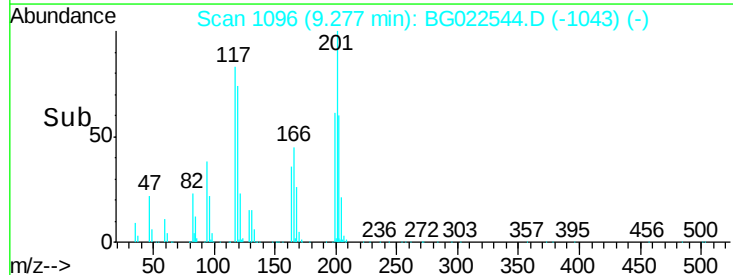
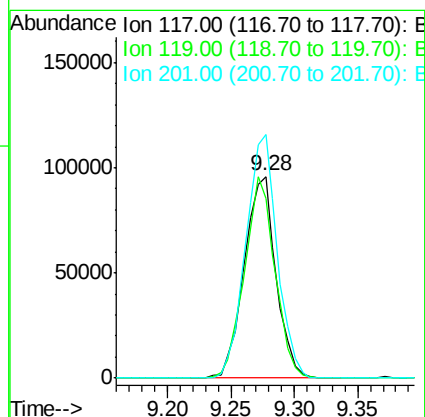
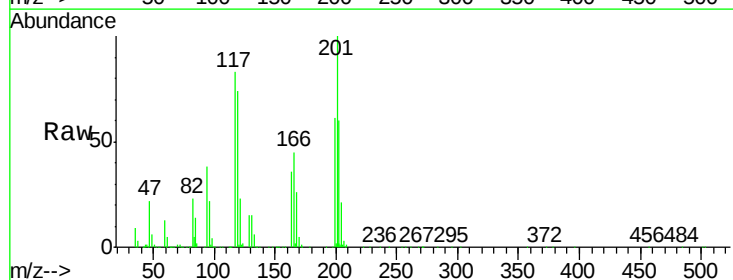
Instrument :
BNA_G
ClientSampleId :

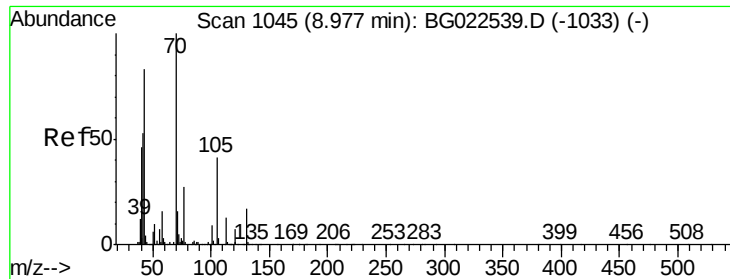
Tot Ion:	107	Resp:	322770
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	61.6	55.8	83.6
79	70.7	55.0	82.6



#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

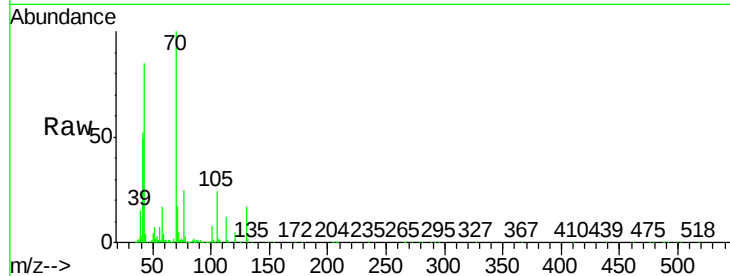




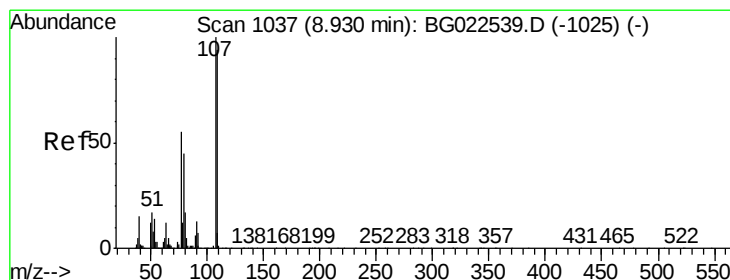
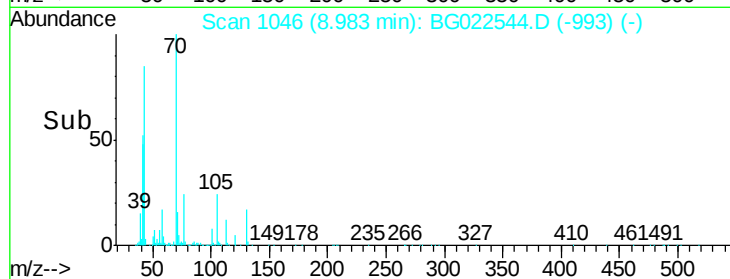
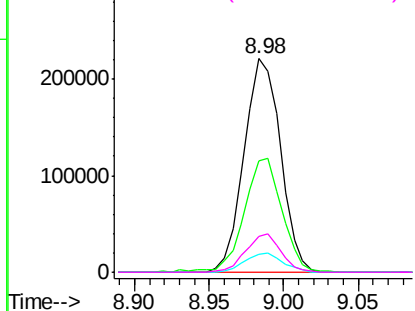
#19
n-Nitroso-di-n-propylamine
Concen: 39.69 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Instrument :
BNA_G
ClientSampleId :

Tot 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

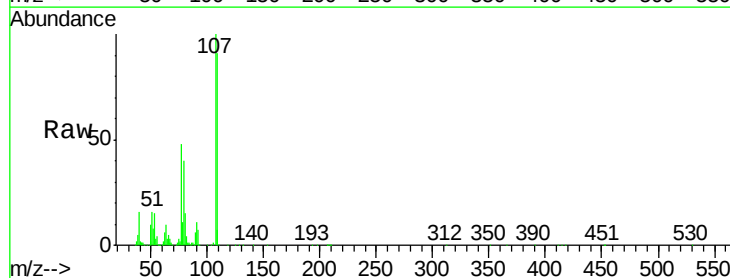


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

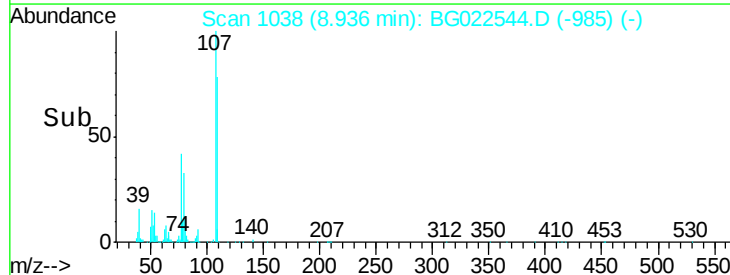
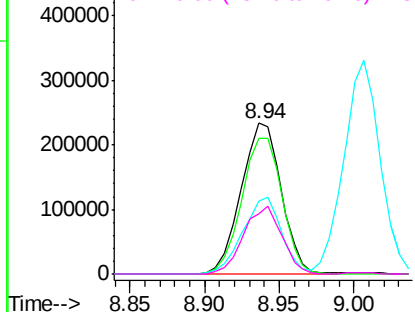


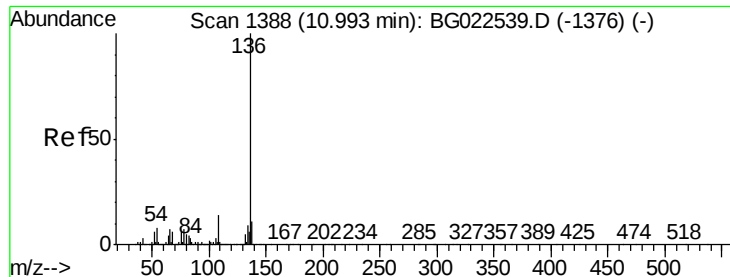
#20
3+4-Methylphenols
Concen: 39.87 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

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



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

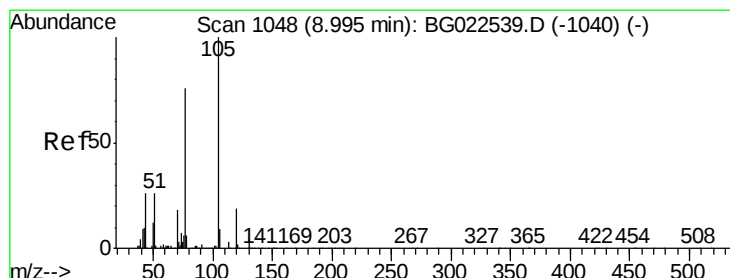
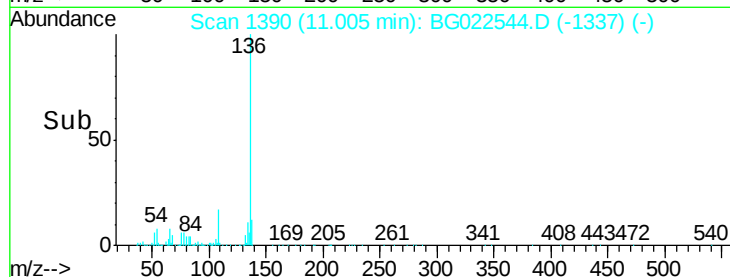
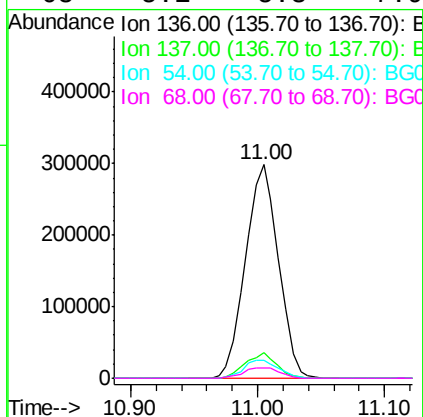
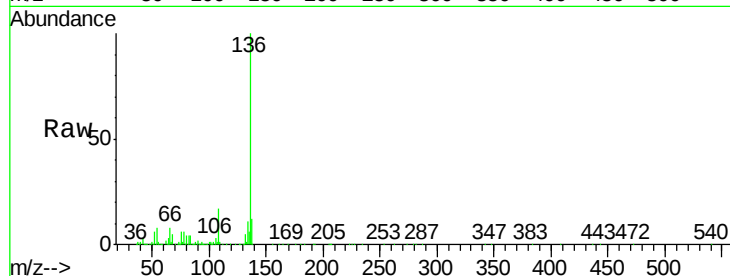




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

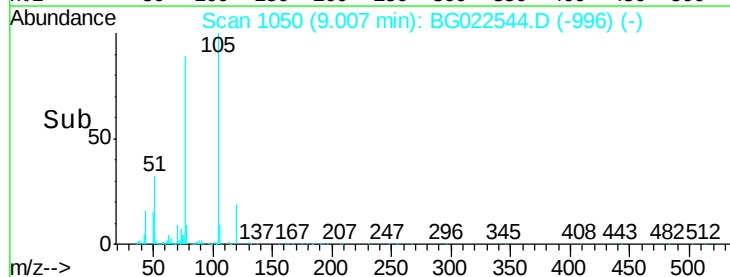
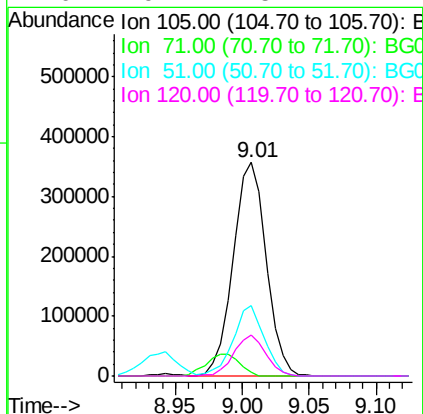
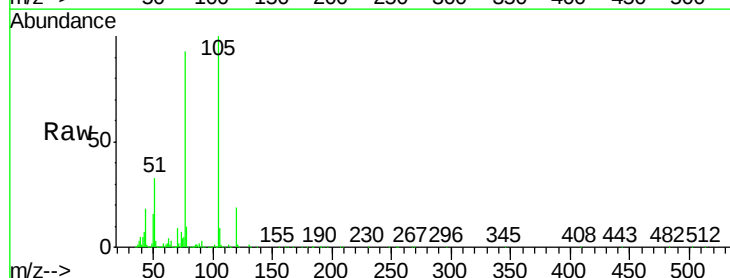
Instrument :
BNA_G
ClientSampled :

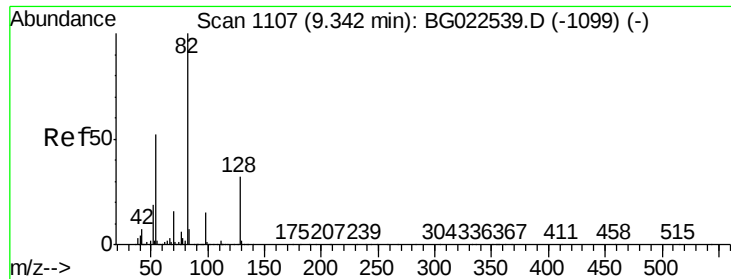
Tot Ion:136	Resp:	537962	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.6	14.4	
54 8.3	7.3	10.9	
68 5.1	5.3	7.9#	



#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

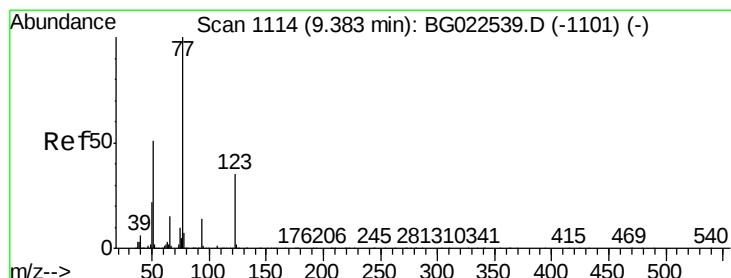
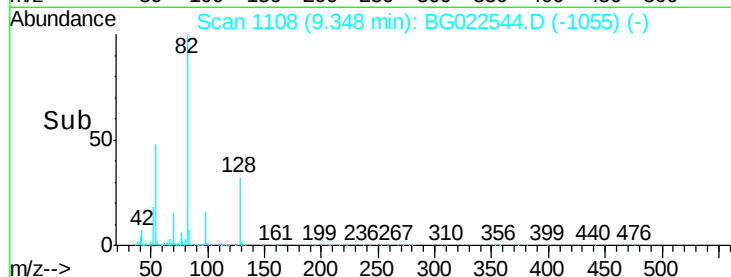
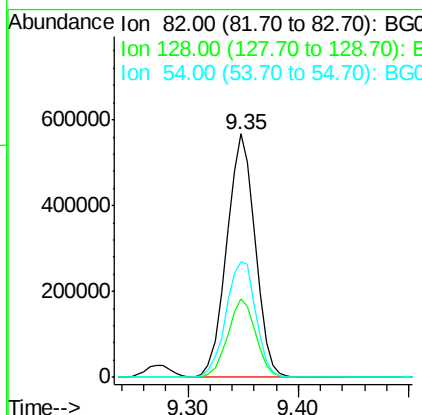
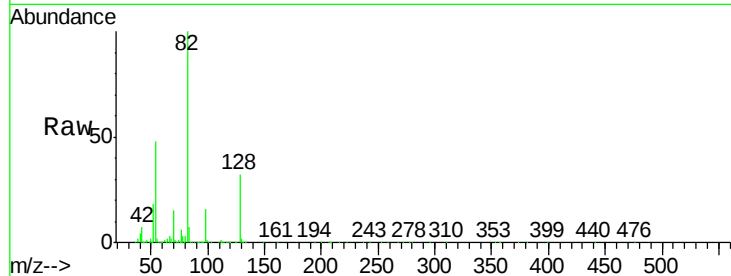




#23
 Nitrobenzene-d5
 Concen: 40.13 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

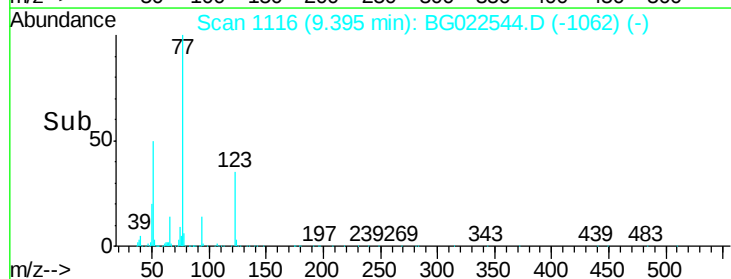
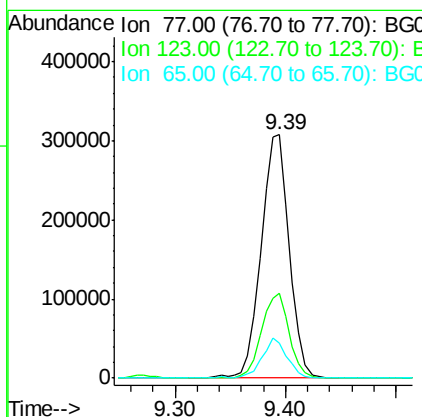
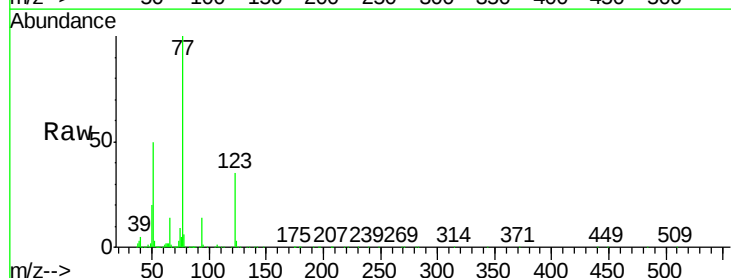
Instrument :
 BNA_G
 ClientSampleId :

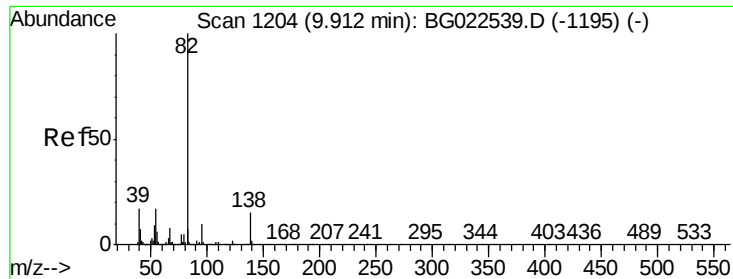
Tot Ion: 82 Resp: 1020048
 Ion Ratio Lower Upper
 82 100
 128 32.0 24.4 36.6
 54 47.7 41.4 62.0



#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





#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 :

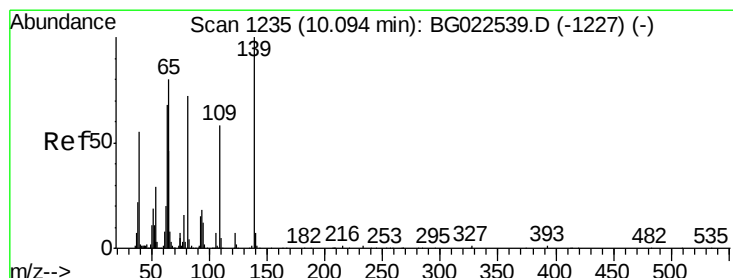
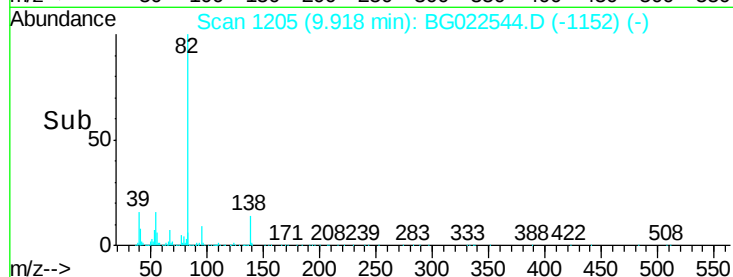
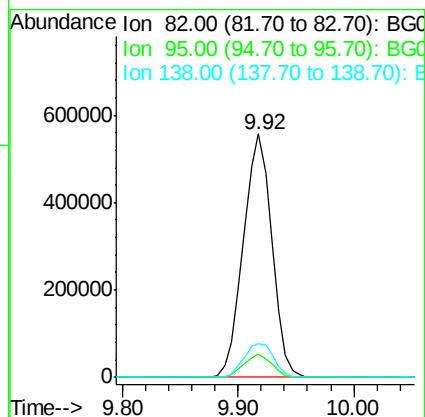
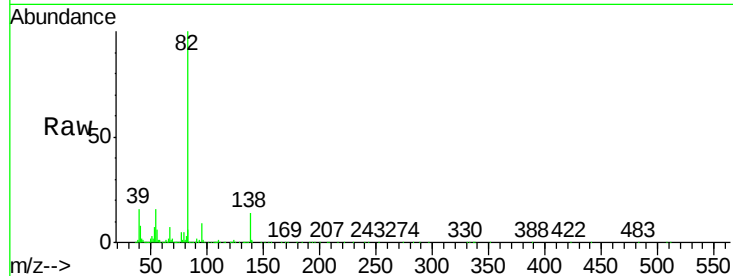
Tot Ion: 82 Resp: 952745

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

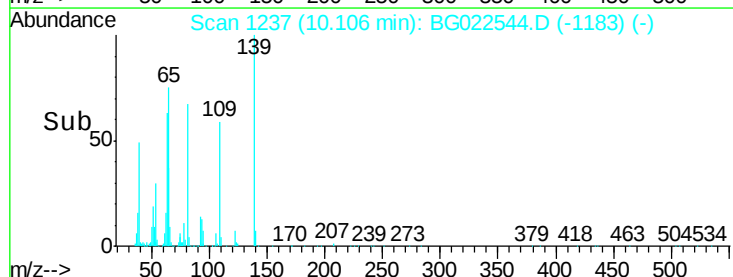
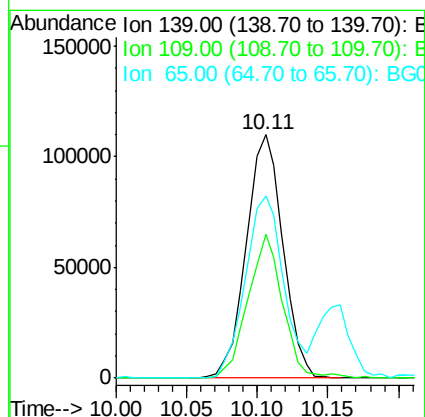
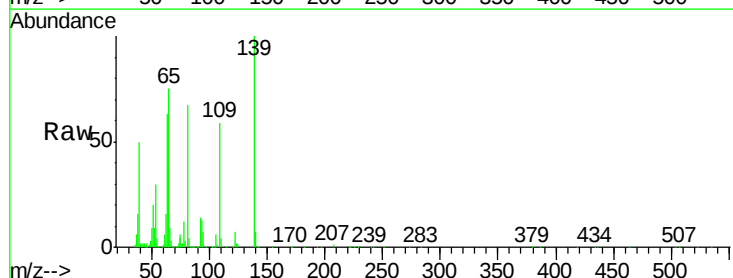
Tgt Ion: 139 Resp: 200114

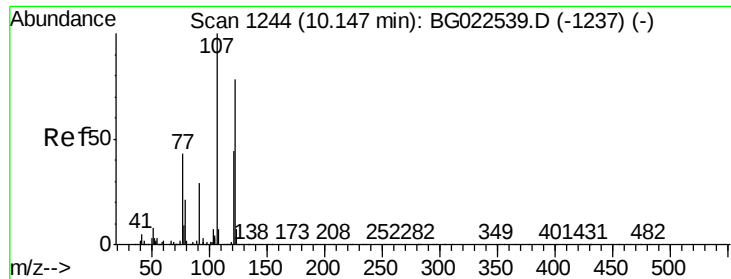
Ion Ratio Lower Upper

139 100

109 59.3 43.5 65.3

65 74.8 64.3 96.5

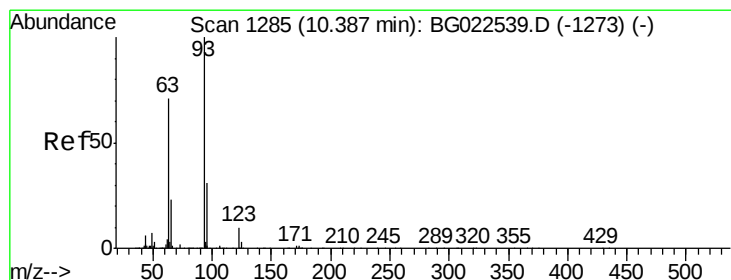
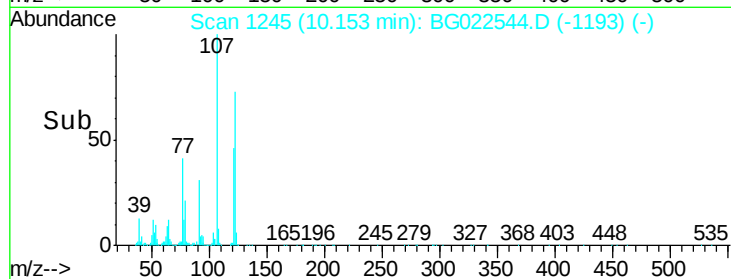
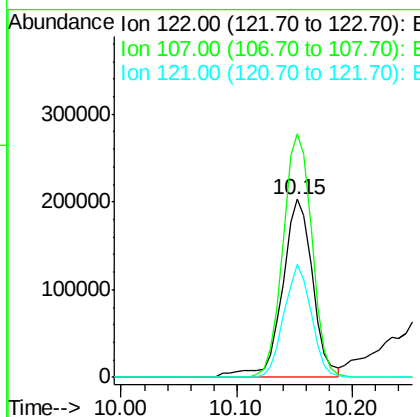
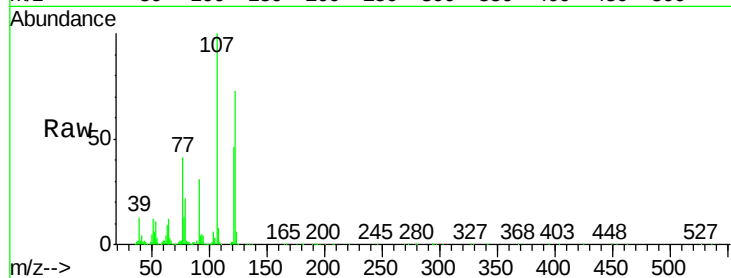




#27
 2,4-Dimethylphenol
 Concen: 38.17 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

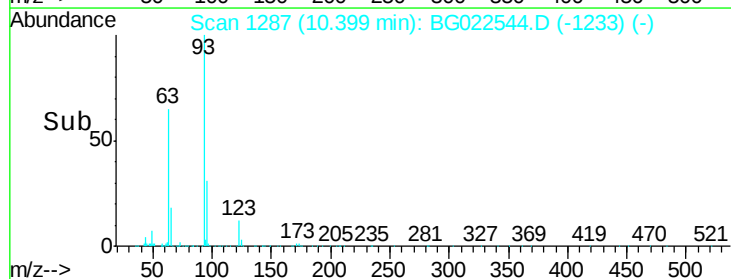
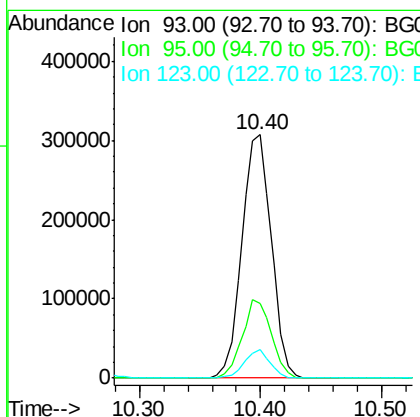
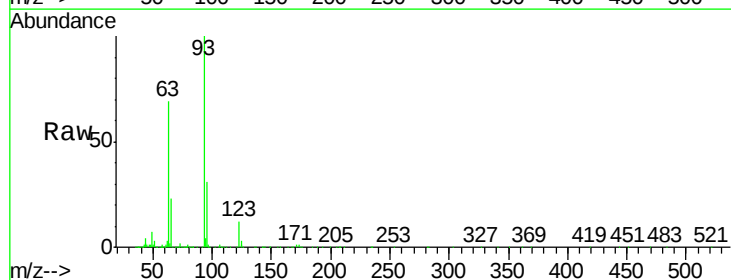
Instrument :
 BNA_G
 ClientSampleId :

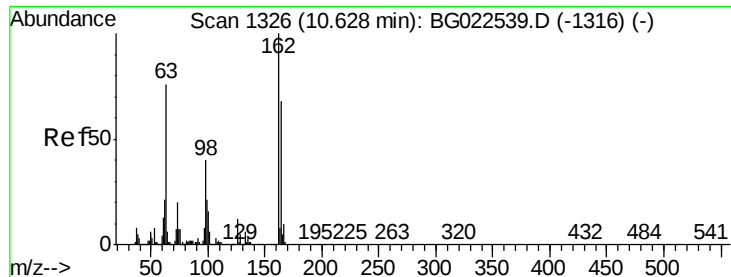
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.7	117.0	175.4
121	63.4	50.1	75.1



#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 :

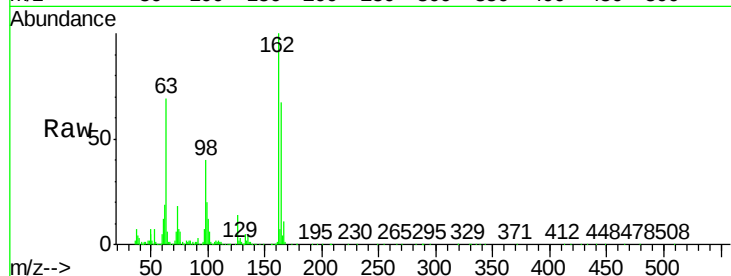
Tot Ion:162 Resp: 366751

Ion Ratio Lower Upper

162 100

164 66.9 44.3 84.3

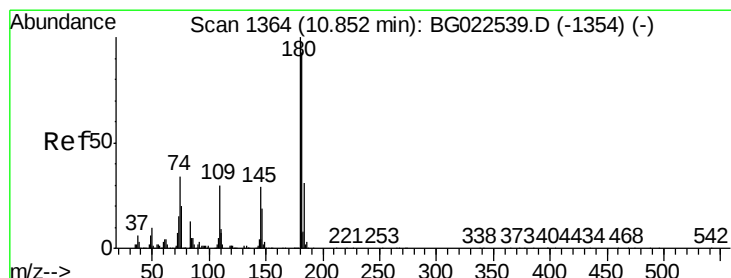
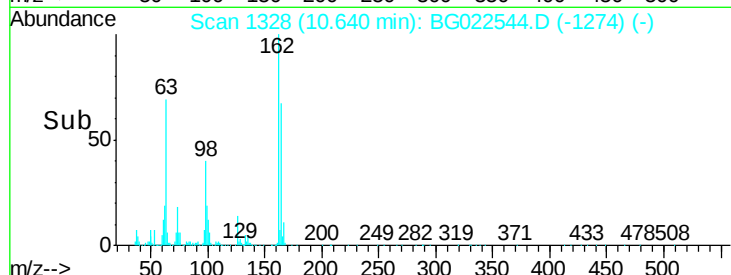
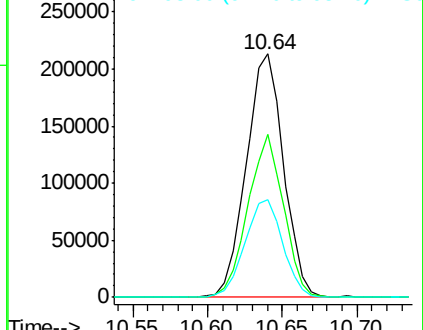
98 40.0 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 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

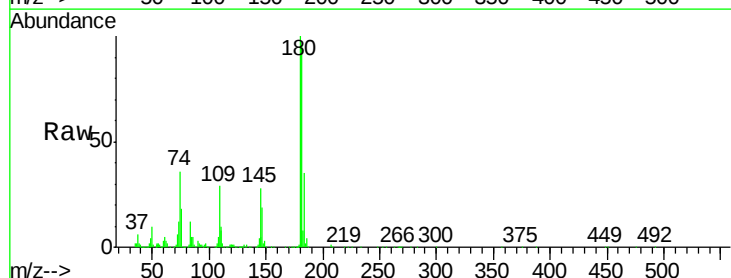
Tgt Ion:180 Resp: 426598

Ion Ratio Lower Upper

180 100

182 96.4 73.8 110.8

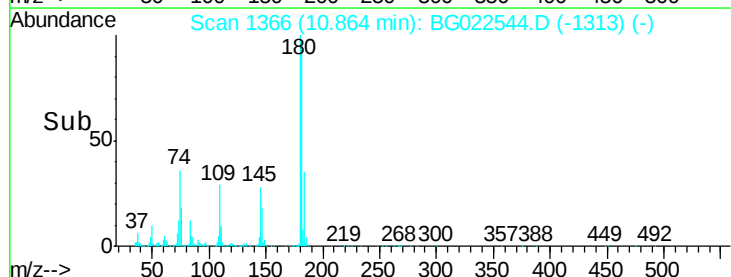
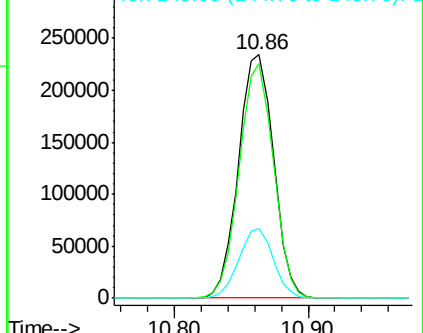
145 28.3 24.4 36.6

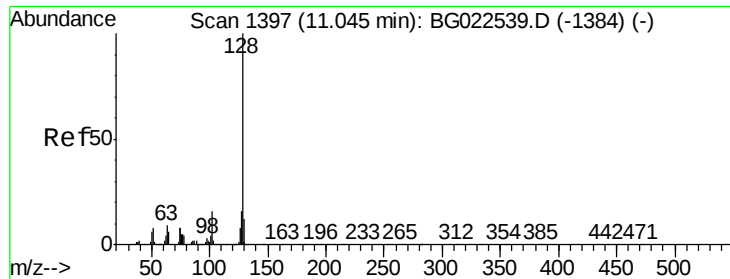


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

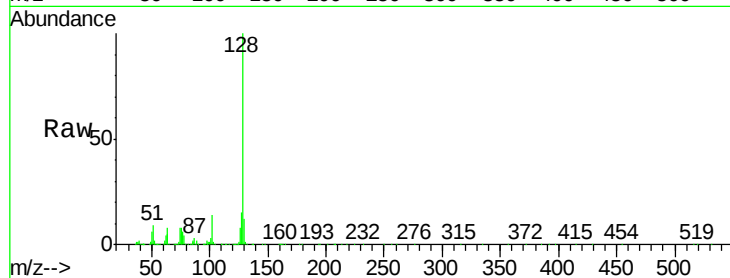




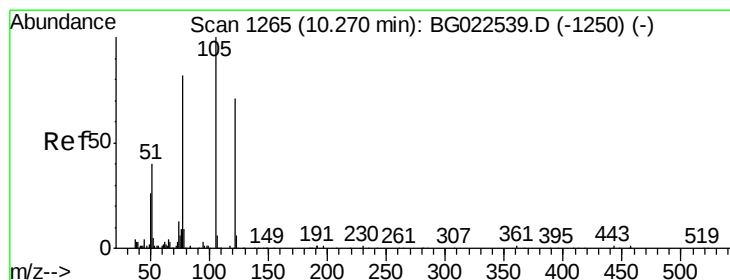
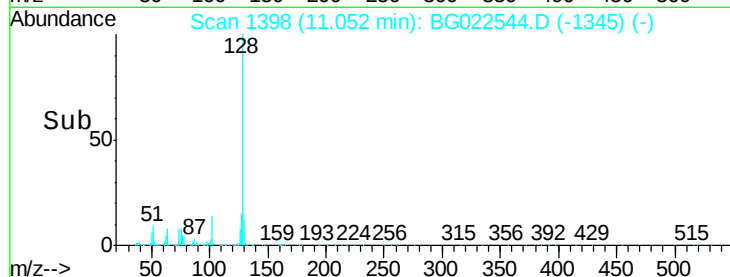
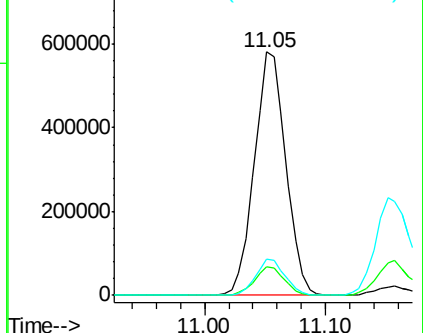
#31
Naphthalene
Concen: 38.79 ng
RT: 11.05 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Instrument :
BNA_G
ClientSampleId :

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

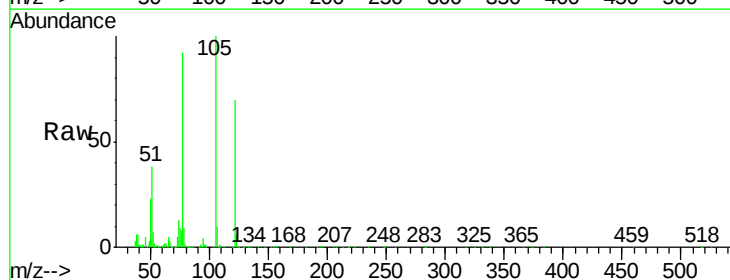


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

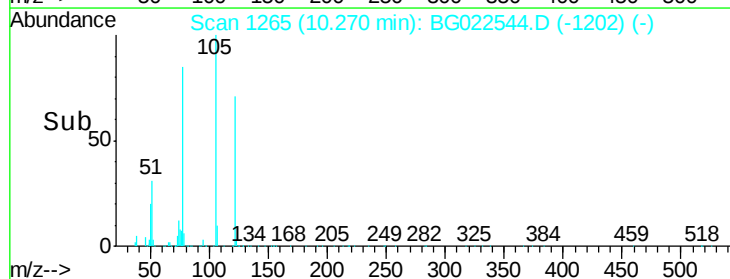
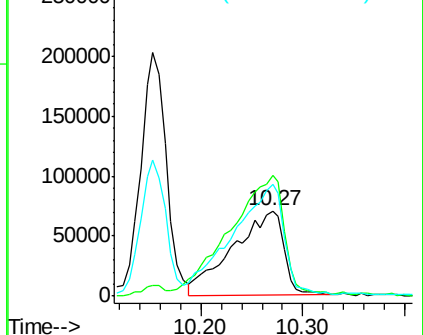


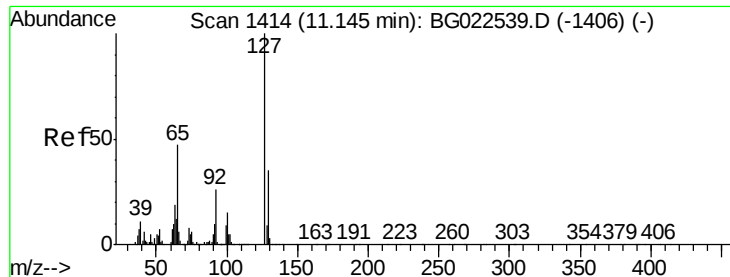
#32
Benzoic acid
Concen: 39.73 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.07 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

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



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

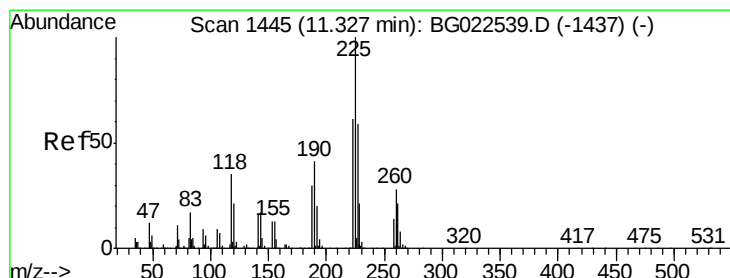
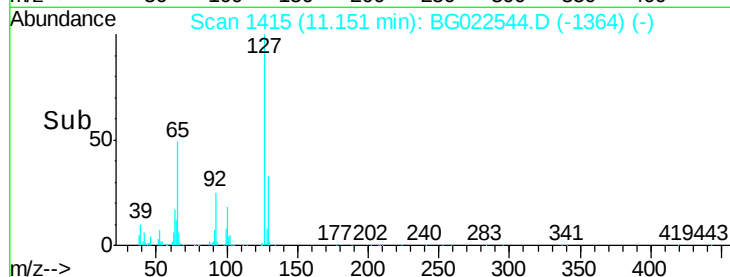
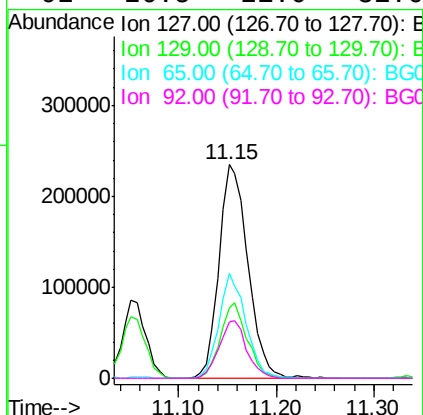
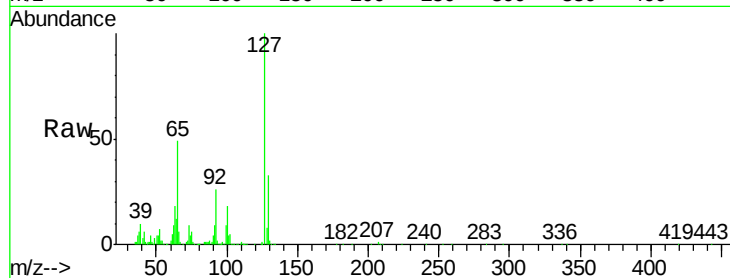




#33
4-Chloroaniline
Concen: 41.25 ng
RT: 11.15 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

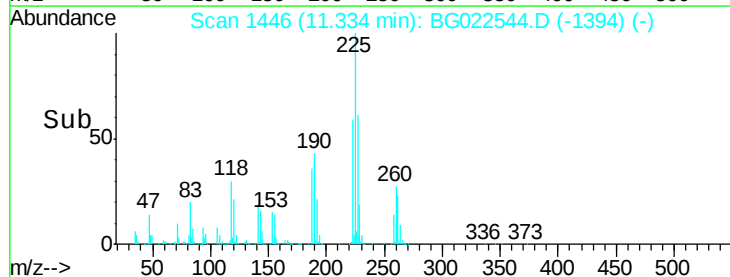
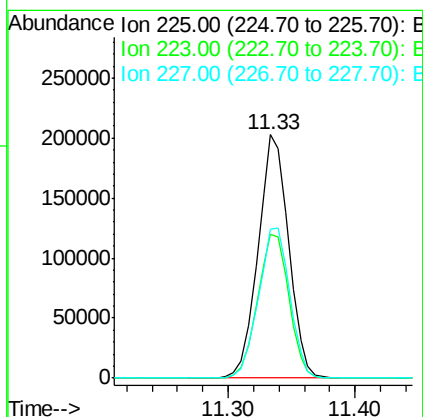
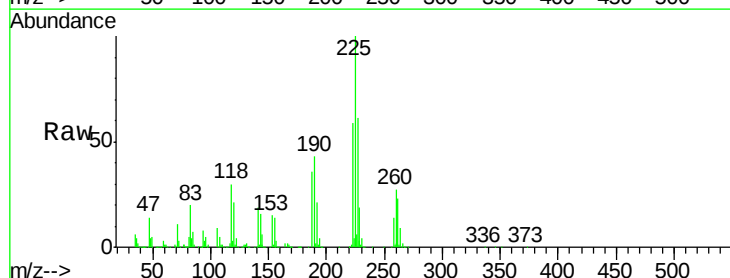
Instrument :
BNA_G
ClientSampleId :

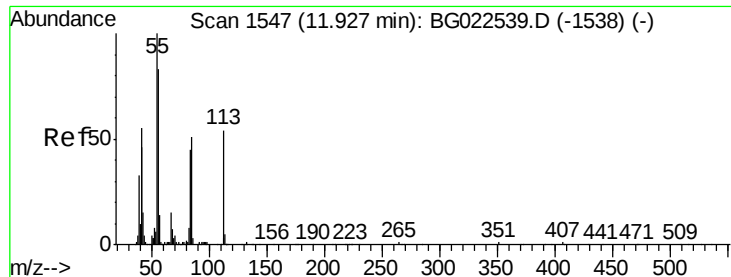
Tot Ion:	127	Resp:	480510
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.9	41.9
65	49.3	36.8	55.2
92	26.5	21.0	31.6



#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 :

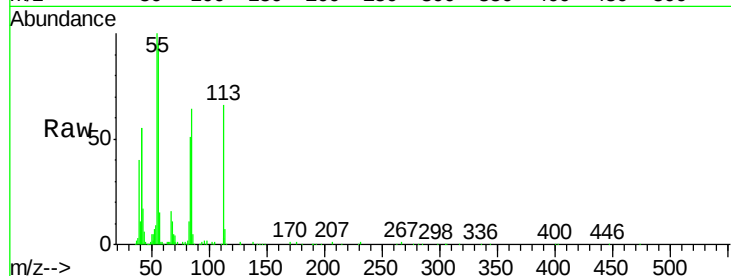
Tot Ion:113 Resp: 115239

Ion Ratio Lower Upper

113 100

55 151.9 154.5 194.5#

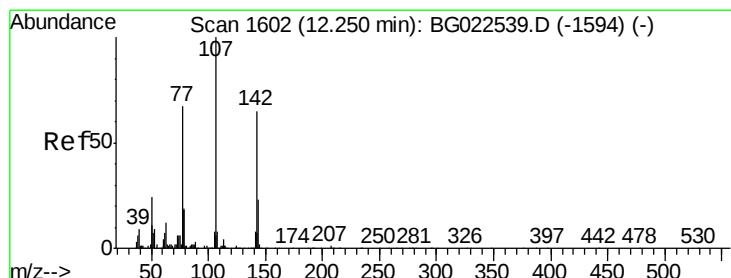
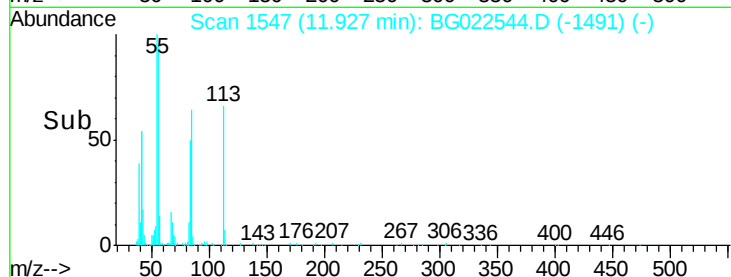
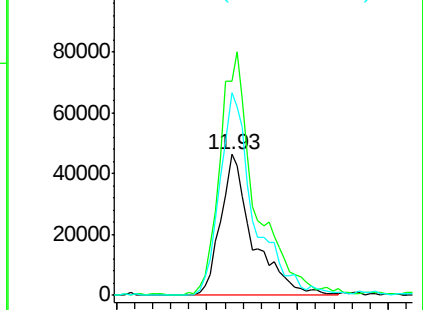
56 143.7 125.1 165.1



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

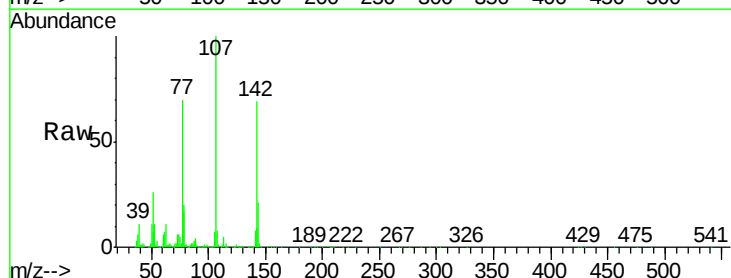
Tgt Ion:107 Resp: 445929

Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

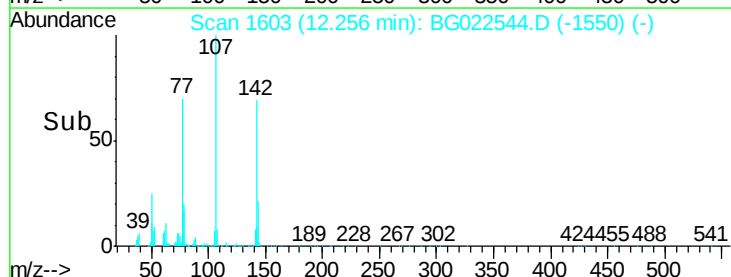
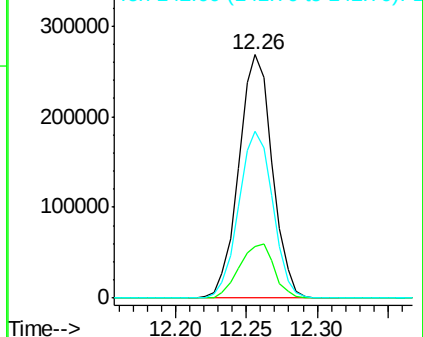
142 68.7 53.0 79.6

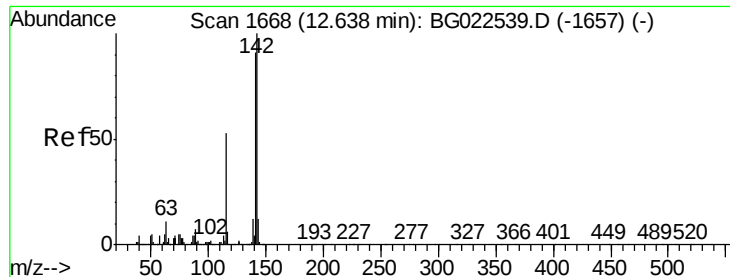


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

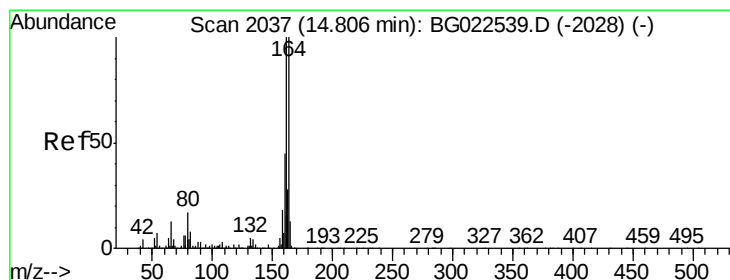
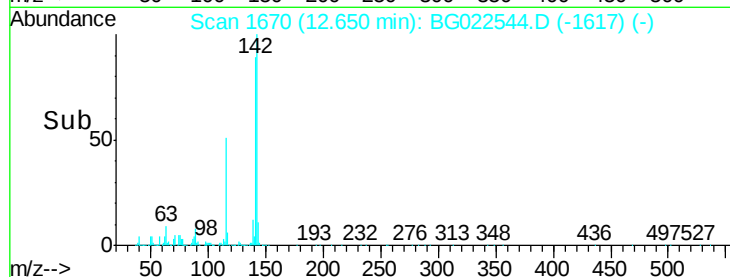
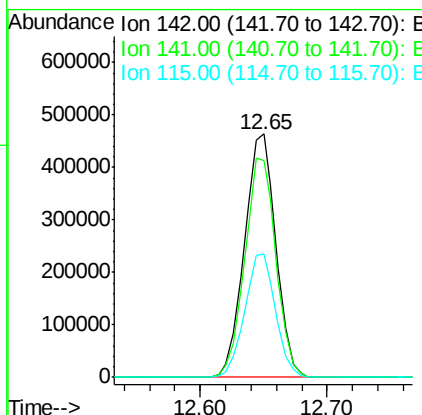
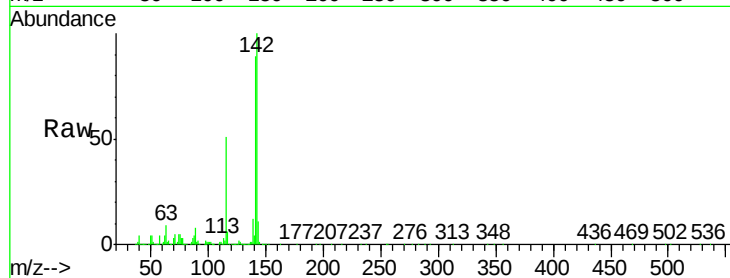




#37
 2-Methylnaphthalene
 Concen: 37.96 ng
 RT: 12.65 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

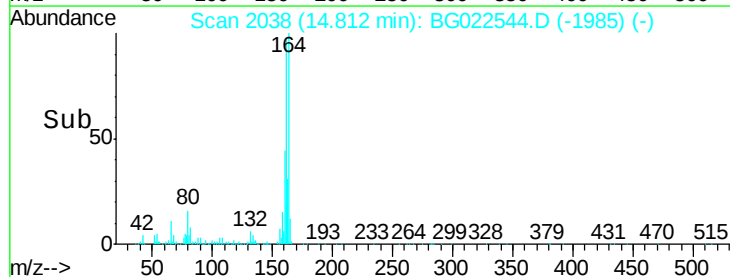
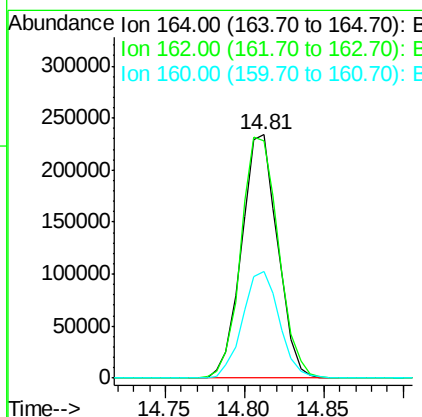
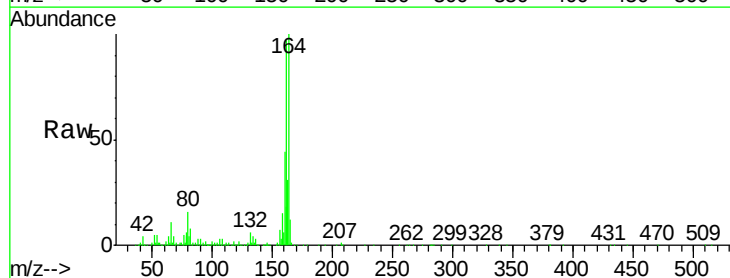
Instrument :
 BNA_G
 ClientSampleId :

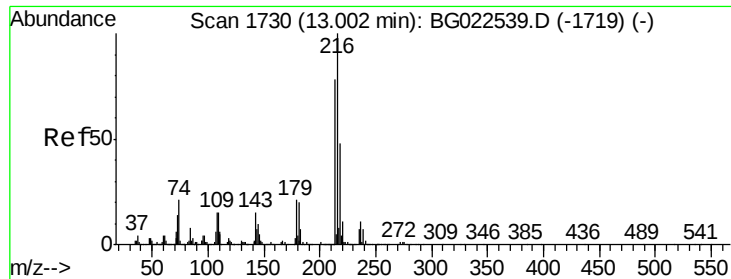
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	50.6	41.7	62.5



#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	Ratio	Lower	Upper
164	100		
162	97.2	87.7	131.5
160	43.7	37.2	55.8

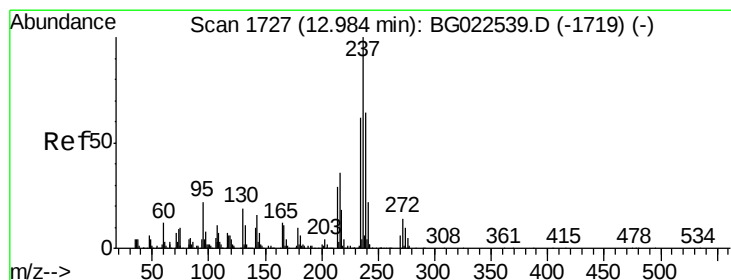
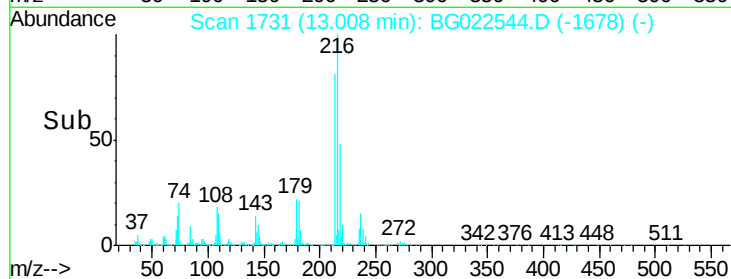
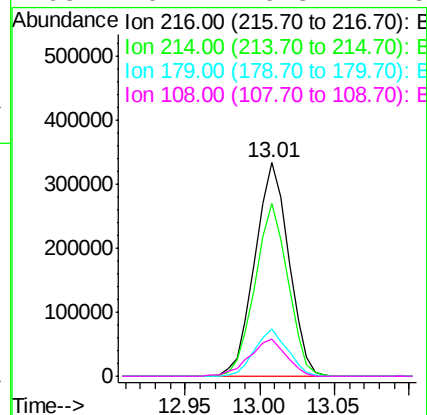
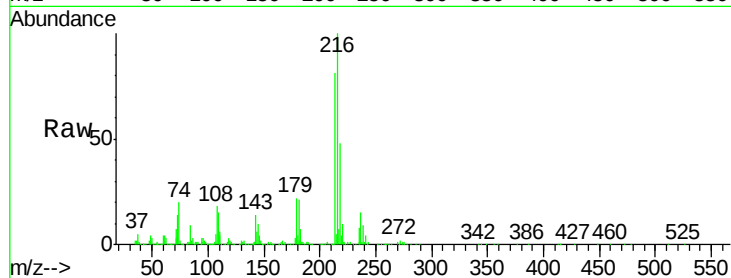




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.56 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

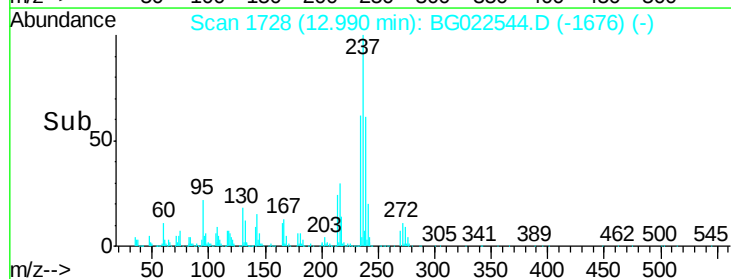
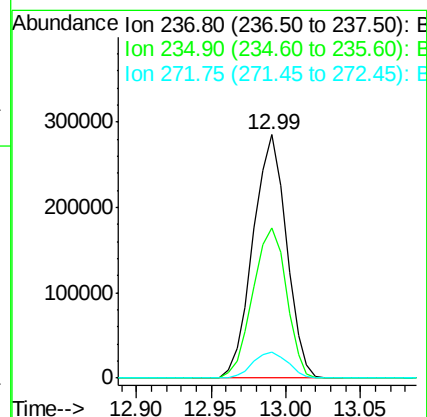
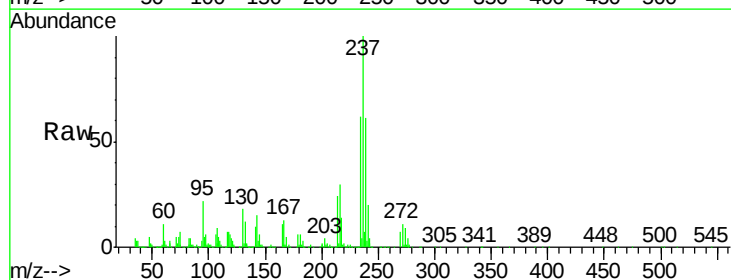
Instrument :
 BNA_G
 ClientSampleId :

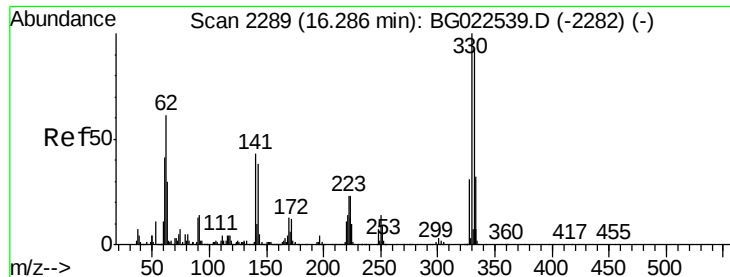
Tot Ion:	216	Resp:	522175
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	21.4	17.2	25.8
108	19.2	16.3	24.5



#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

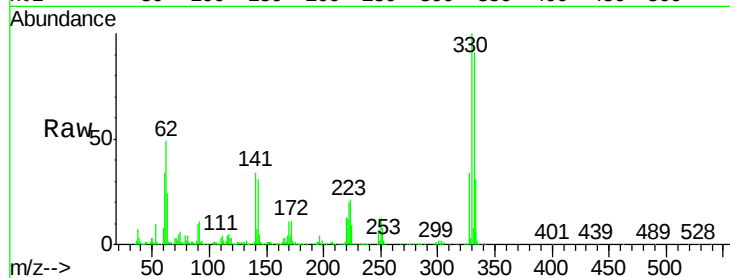




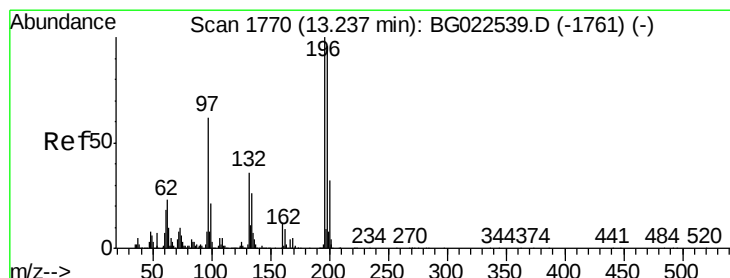
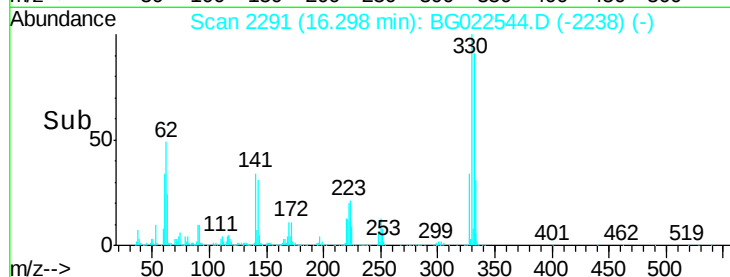
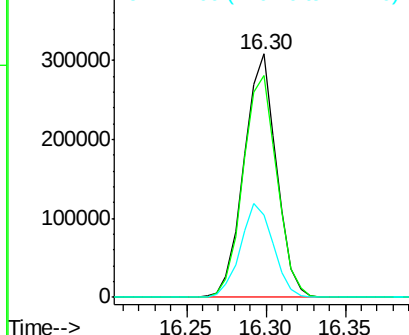
#41
 2,4,6-Tribromophenol
 Concen: 37.79 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	39.3	31.7	47.5

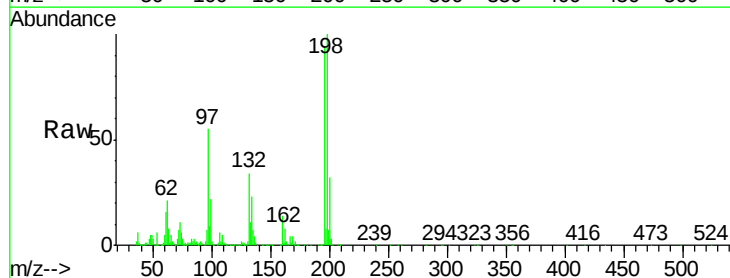


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

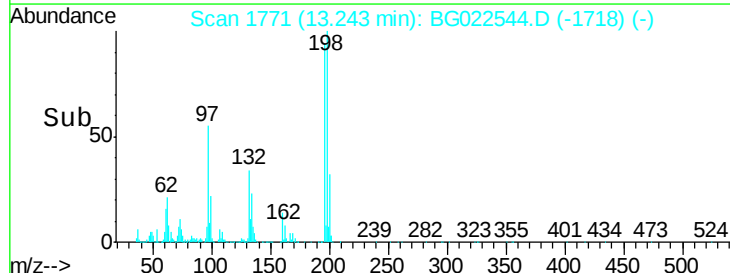
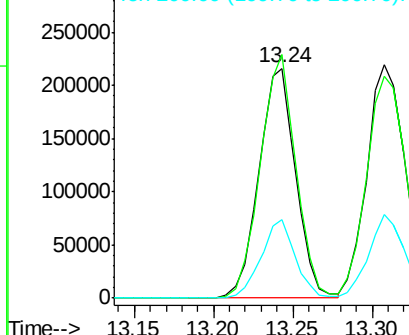


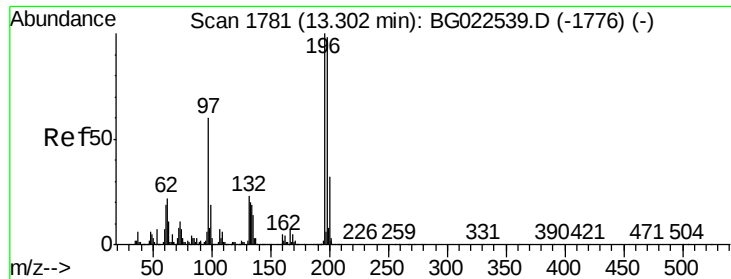
#42
 2,4,6-Trichlorophenol
 Concen: 39.13 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Tgt Ion	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

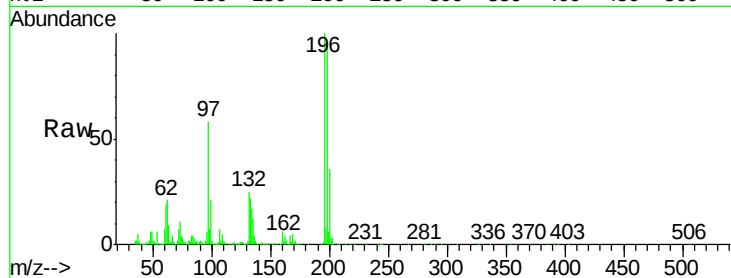




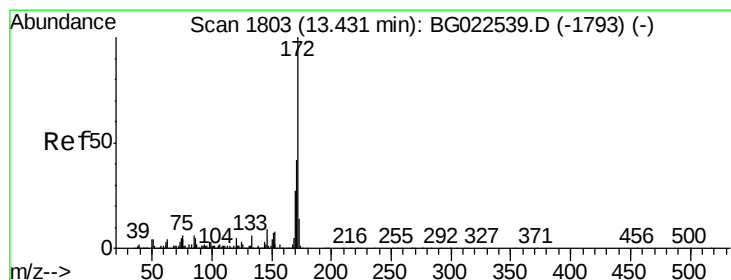
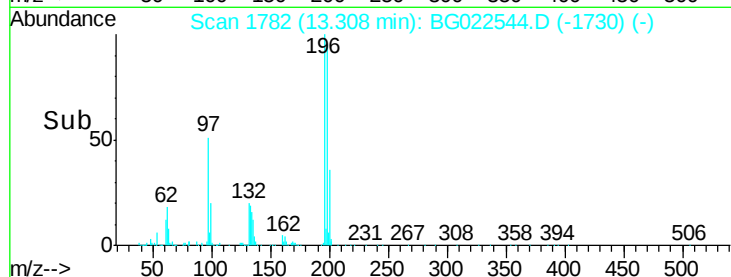
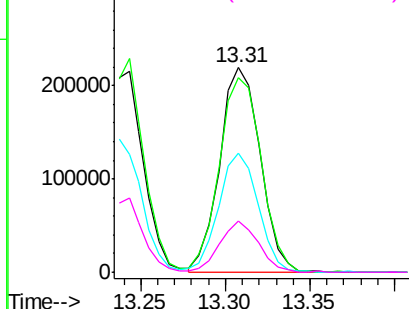
#43
2,4,5-Trichlorophenol
Concen: 39.21 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

Instrument :
BNA_G
ClientSampleId :

Tot 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

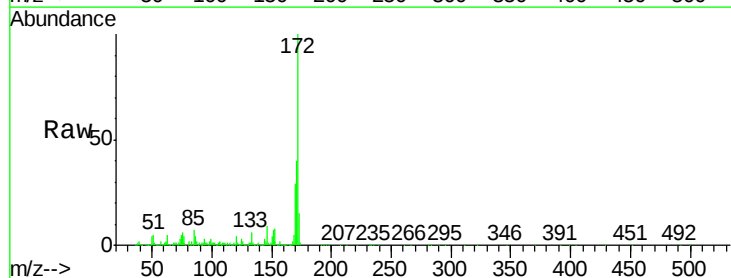


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

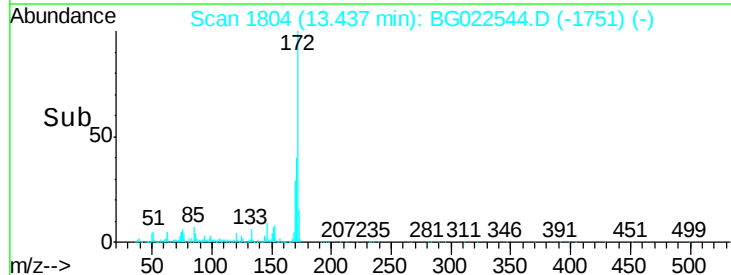
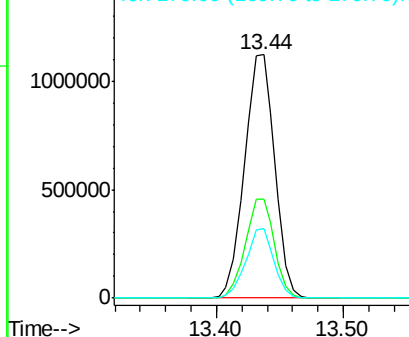


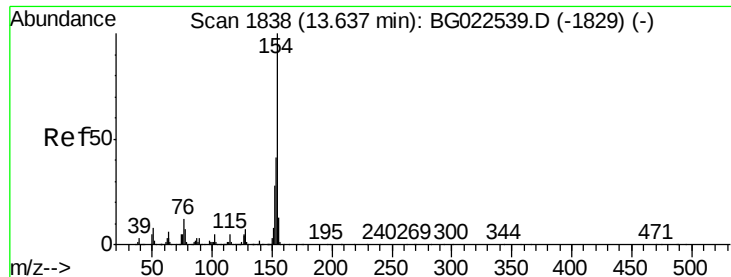
#44
2-Fluorobiphenyl
Concen: 39.84 ng
RT: 13.44 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

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



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





#45

1,1'-Biphenyl

Concen: 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

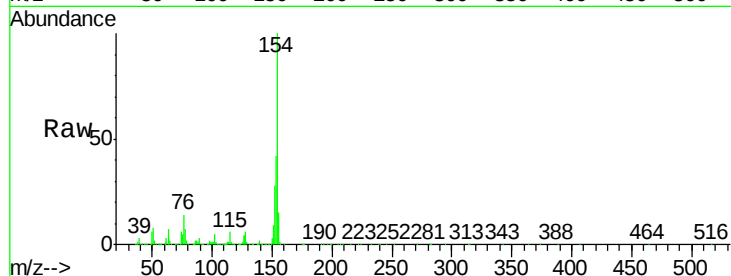
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1064184

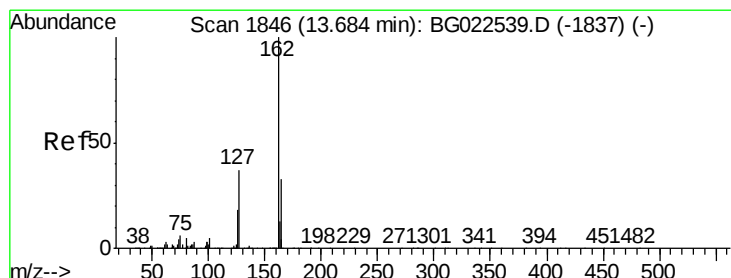
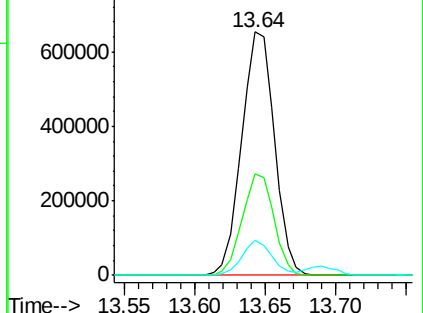
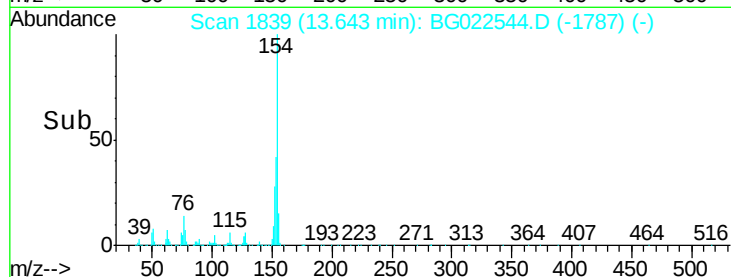
Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	14.2	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 37.77 ng

RT: 13.69 min Scan# 1847

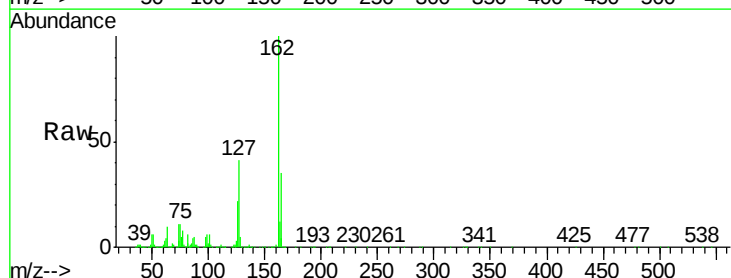
Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:162 Resp: 871791

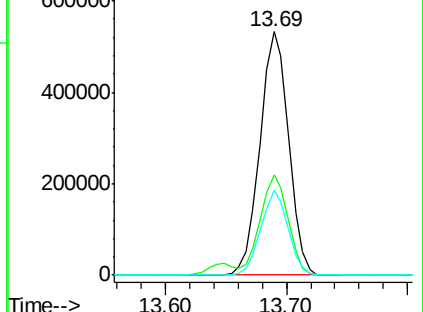
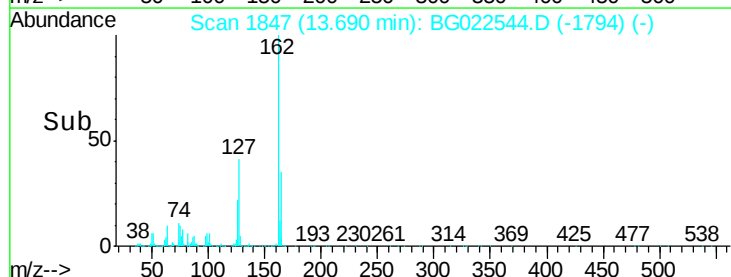
Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.4	48.6
164	34.9	25.2	37.8

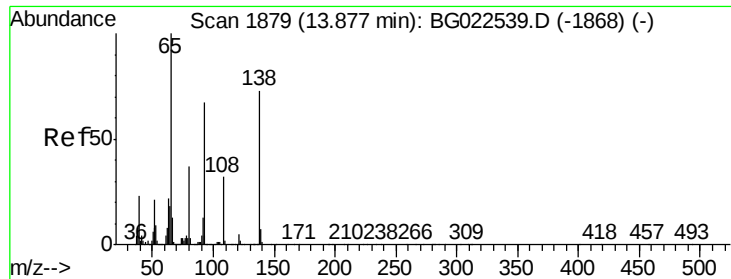


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#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

ClientSampled :

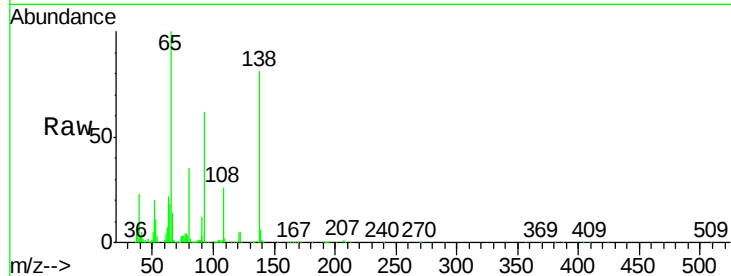
Tot Ion: 65 Resp: 347325

Ion Ratio Lower Upper

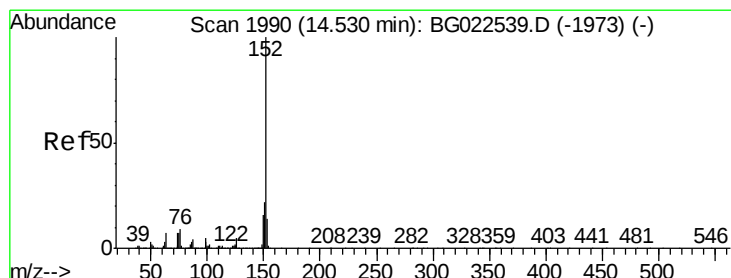
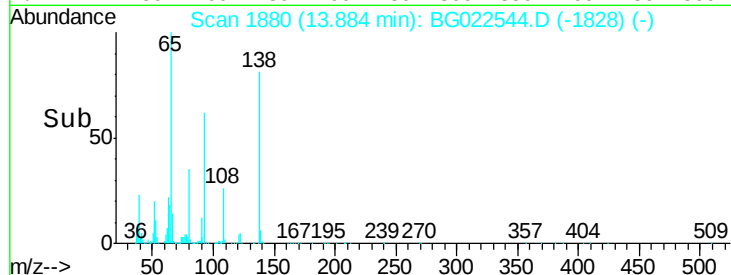
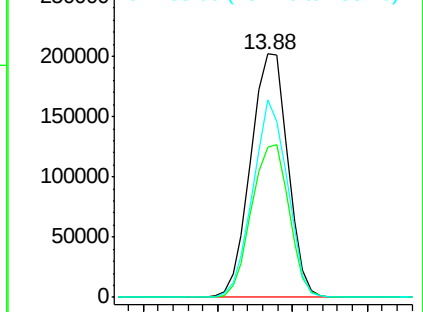
65 100

92 61.9 49.4 74.0

138 81.0 58.0 87.0



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



#48

Acenaphthylene

Concen: 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

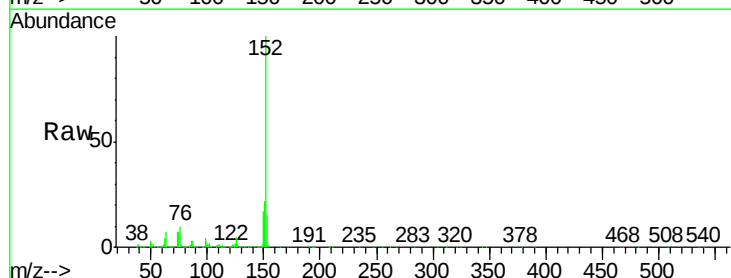
Tgt Ion: 152 Resp: 1283781

Ion Ratio Lower Upper

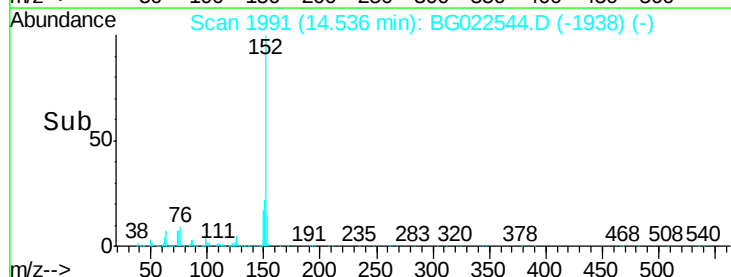
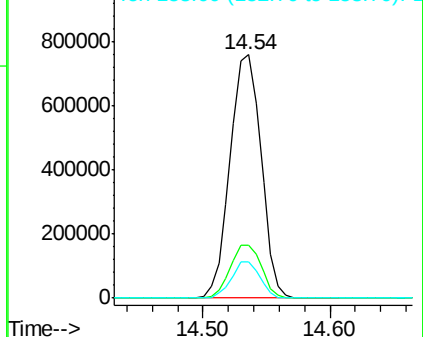
152 100

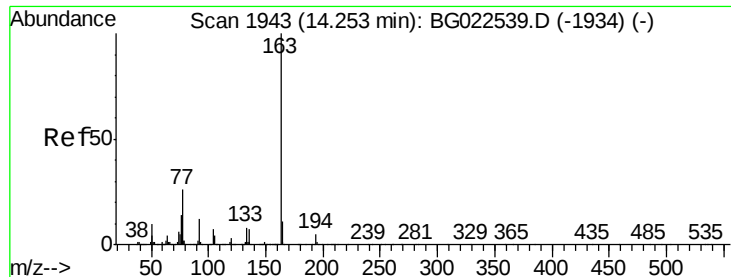
151 21.6 17.6 26.4

153 15.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#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 :

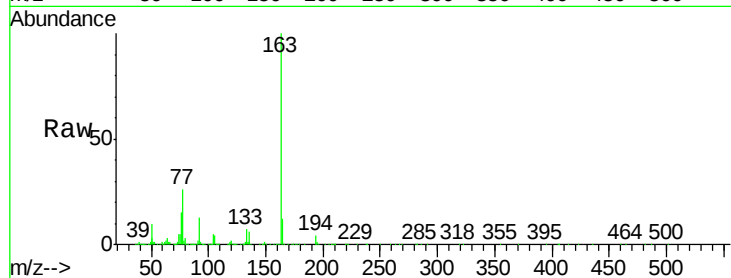
Tot Ion:163 Resp: 1164009

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

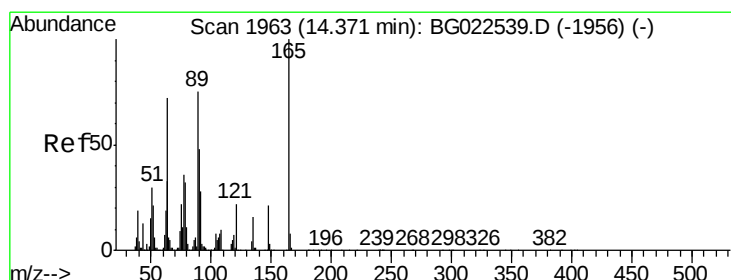
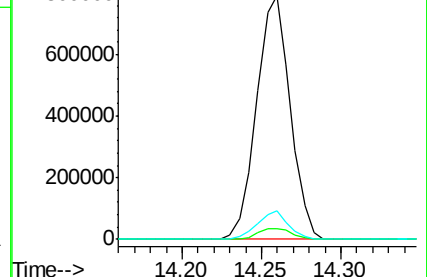
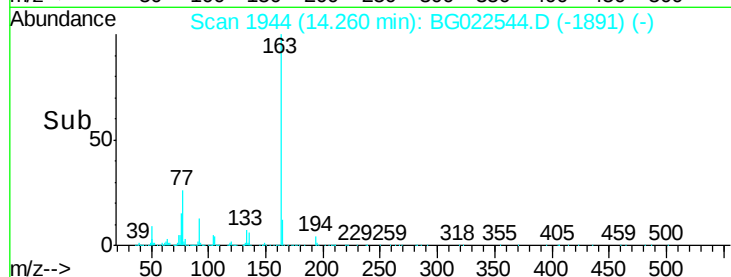
164 11.6 8.1 12.1



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

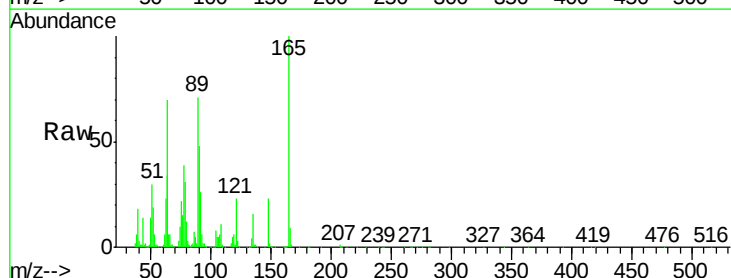
Tgt Ion:165 Resp: 263660

Ion Ratio Lower Upper

165 100

63 69.7 64.3 96.5

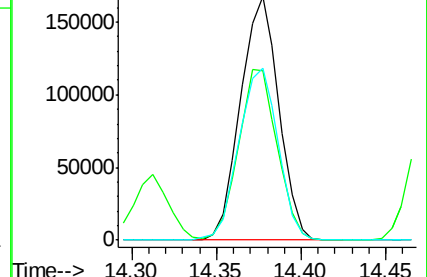
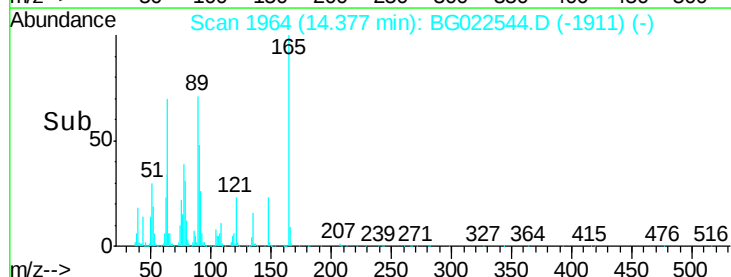
89 70.6 64.3 96.5

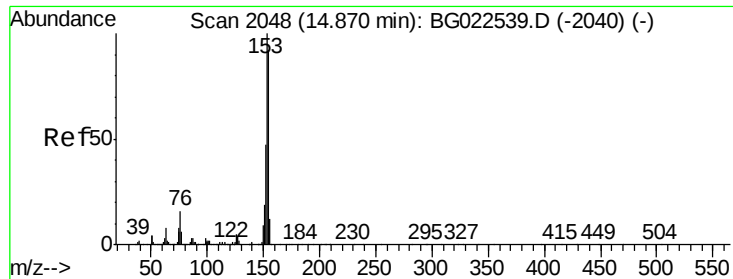


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

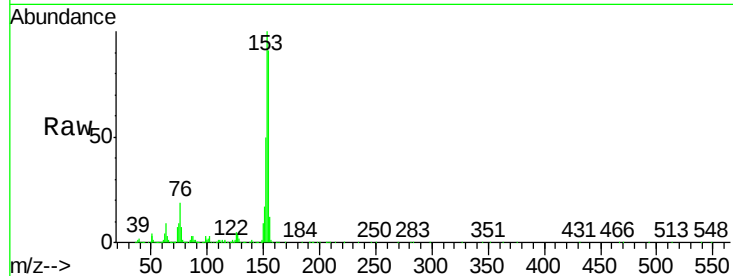
Tot Ion:154 Resp: 952481

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

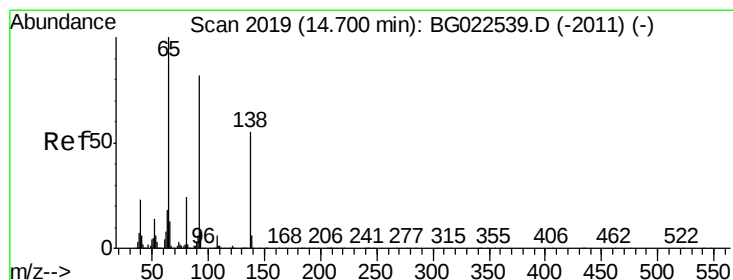
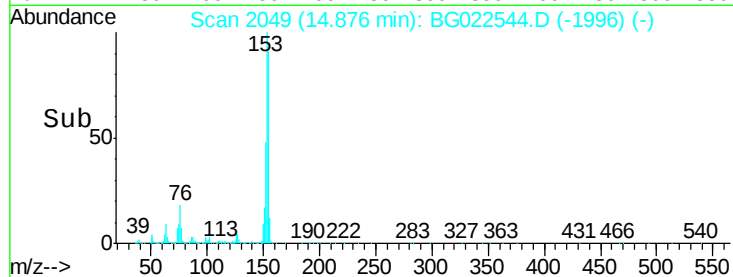
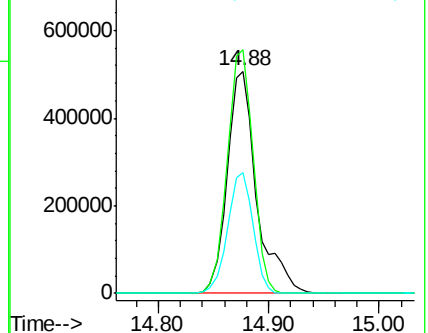
152 54.5 42.7 64.1



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

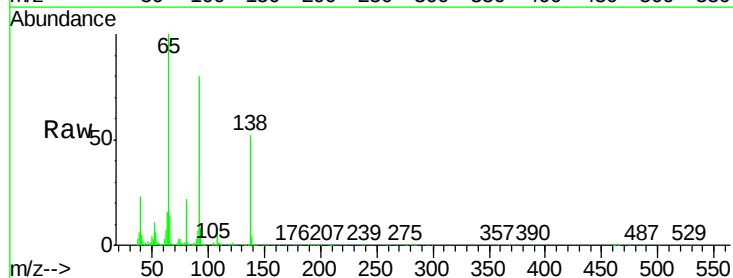
Tgt Ion:138 Resp: 247205

Ion Ratio Lower Upper

138 100

108 15.9 11.7 17.5

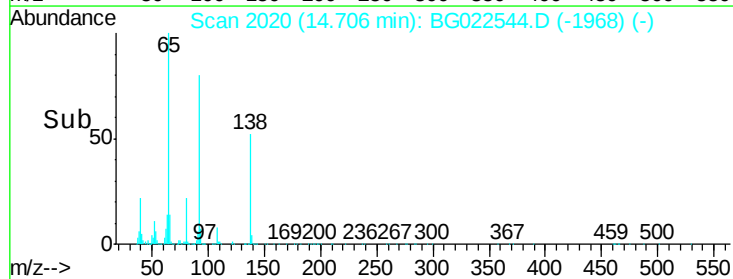
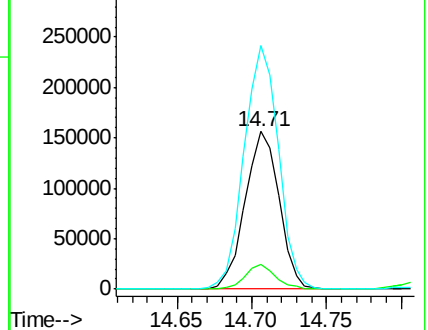
92 154.8 129.7 194.5

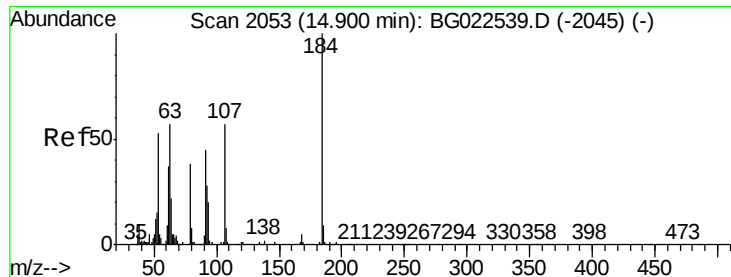


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

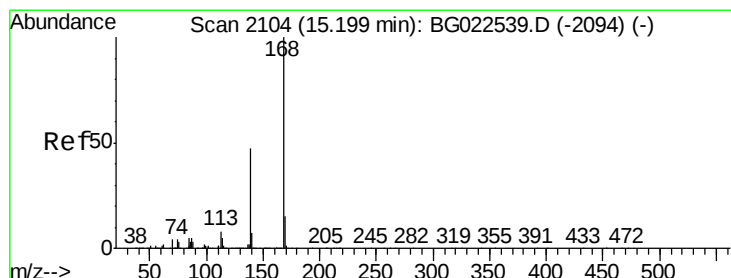
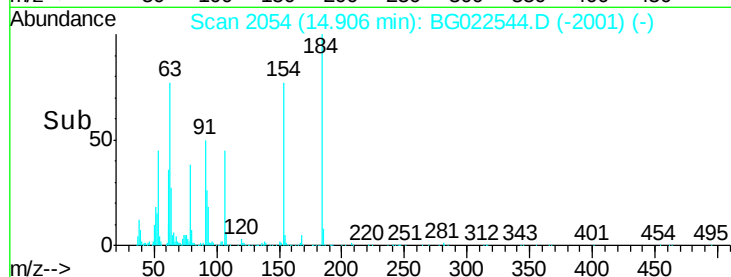
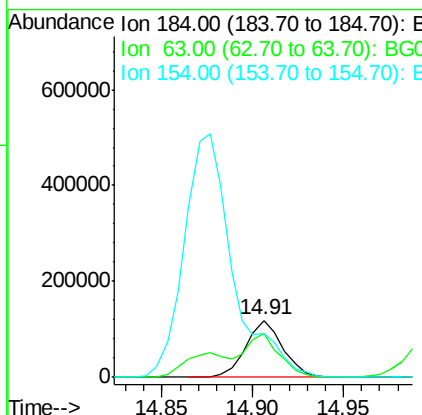
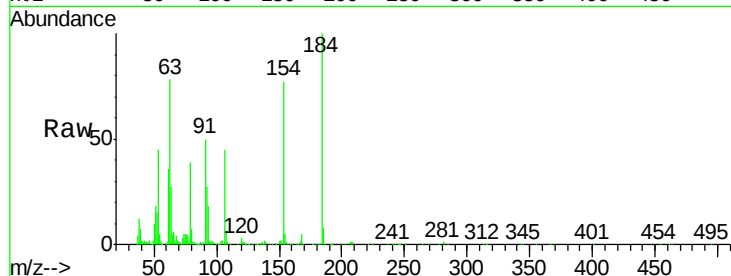




#53
2,4-Dinitrophenol
Concen: 41.03 ng
RT: 14.91 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

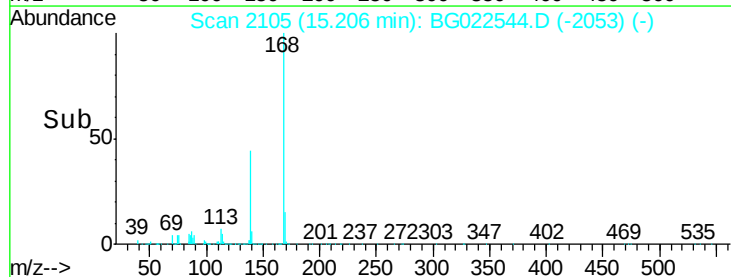
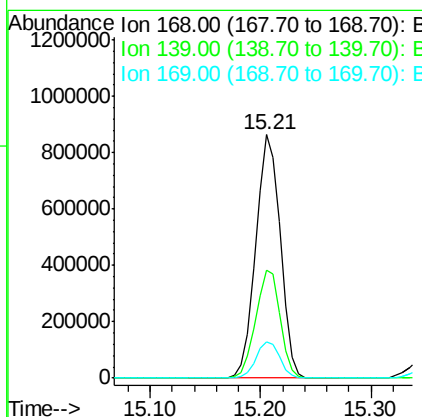
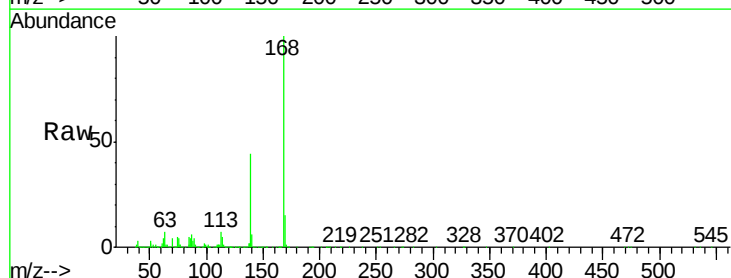
Instrument :
BNA_G
ClientSampleId :

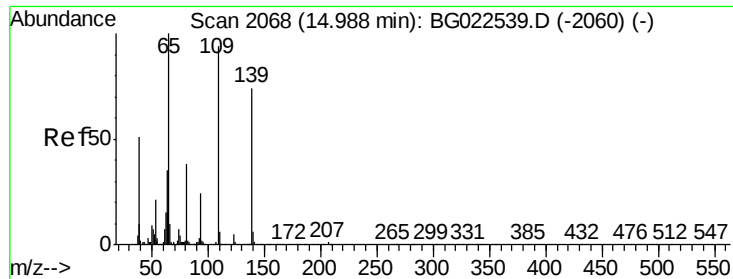
Tot Ion:184 Resp: 167738
Ion Ratio Lower Upper
184 100
63 77.5 59.6 89.4
154 77.1 67.4 101.0



#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

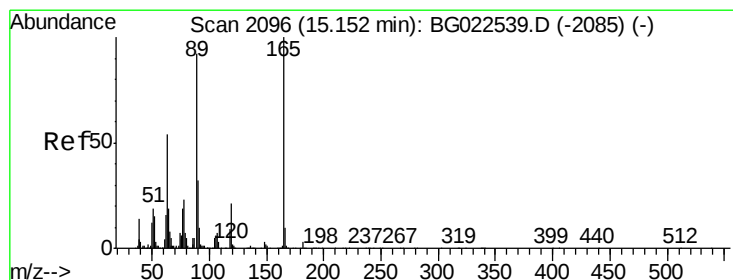
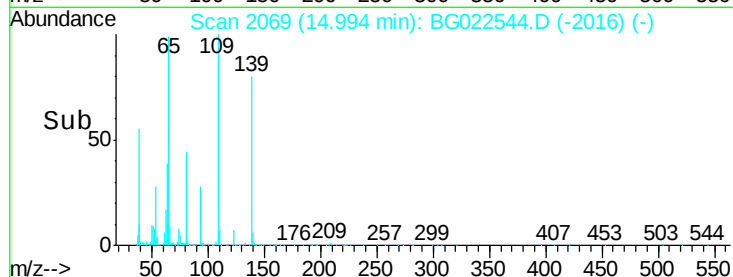
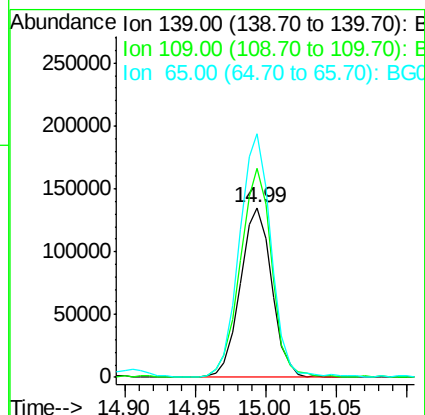
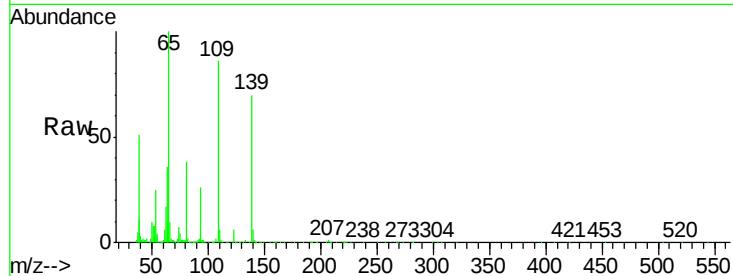




#55
4-Nitrophenol
Concen: 40.21 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

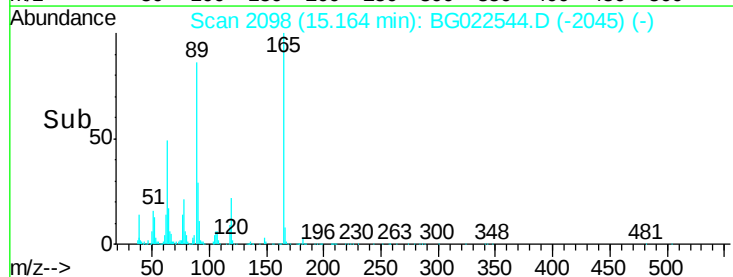
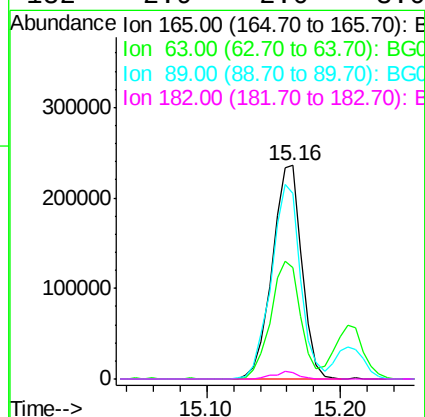
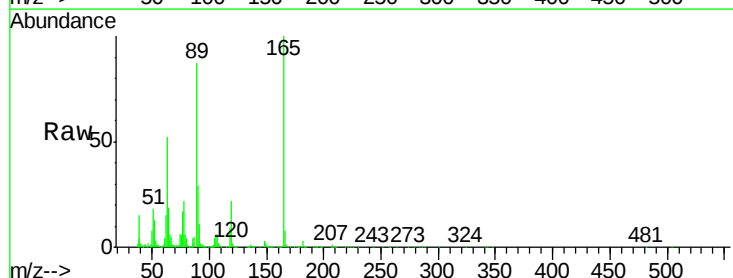
Instrument :
BNA_G
ClientSampleId :

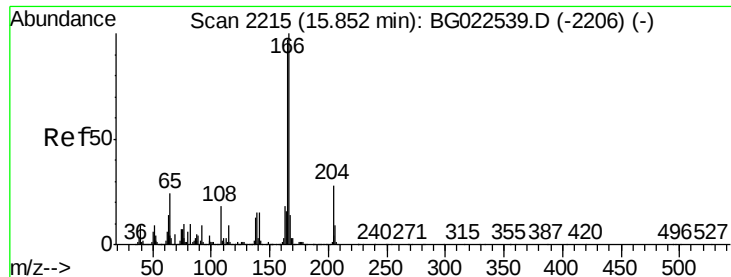
Tot Ion:139 Resp: 211156
Ion Ratio Lower Upper
139 100
109 123.3 103.0 143.0
65 143.3 112.7 152.7



#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

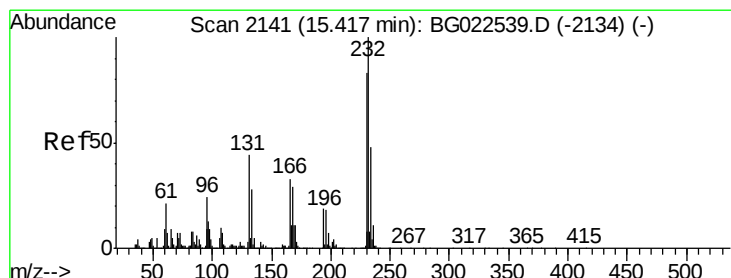
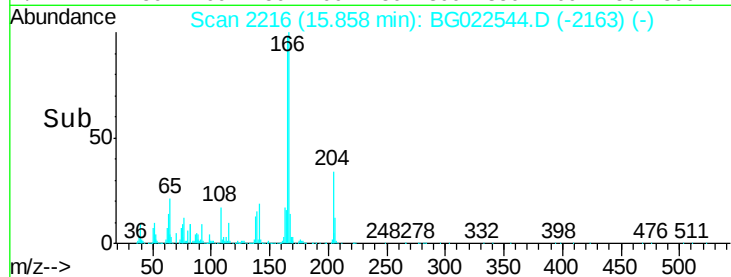
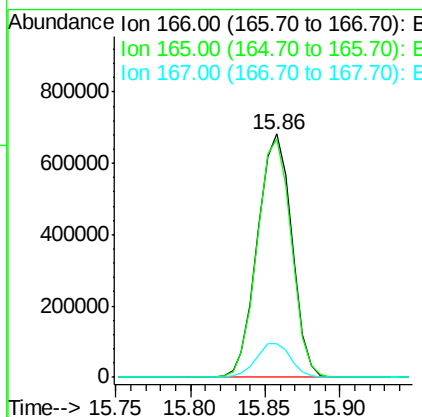
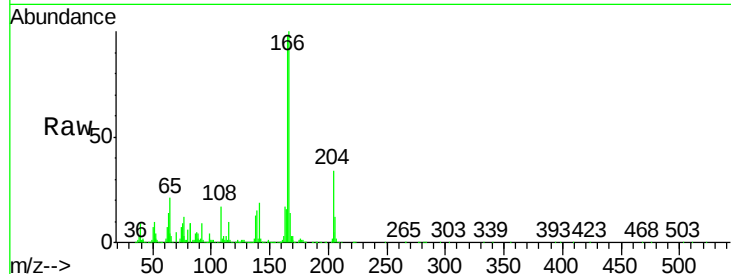




#57
Fluorene
 Concen: 37.94 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

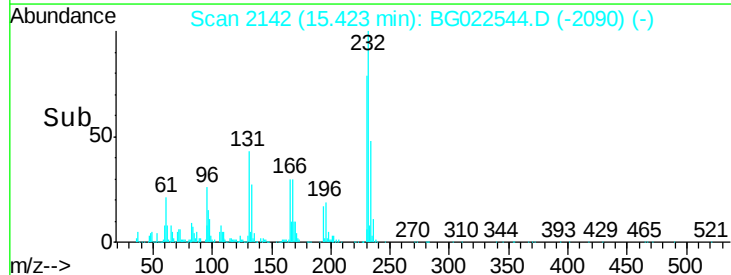
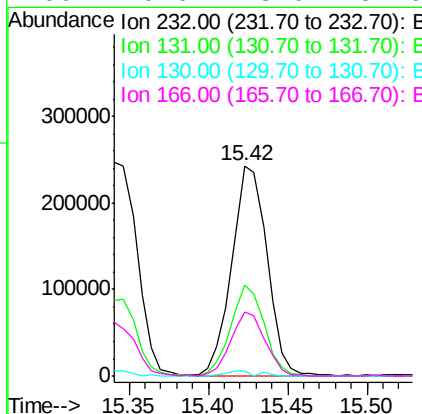
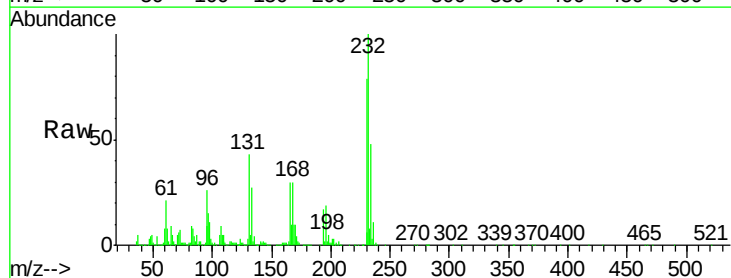
Instrument :
 BNA_G
 ClientSampleId :

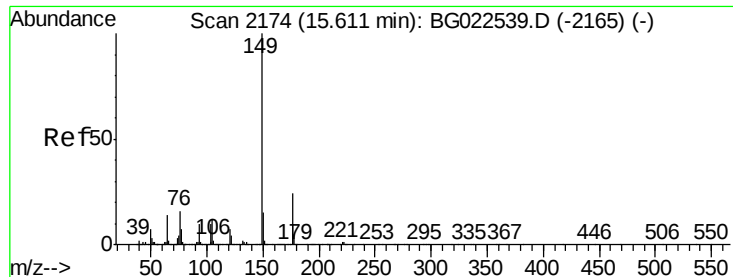
Tot Ion:166 Resp: 1081346
 Ion Ratio Lower Upper
 166 100
 165 98.1 81.0 121.6
 167 14.1 12.0 18.0



#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

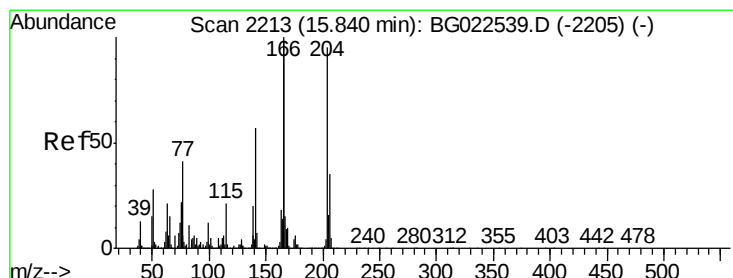
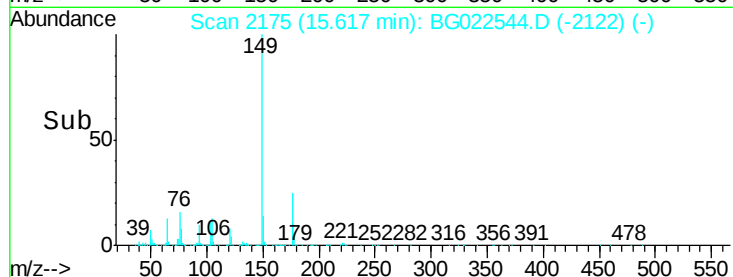
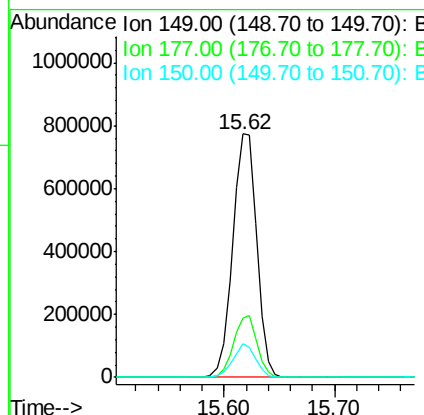
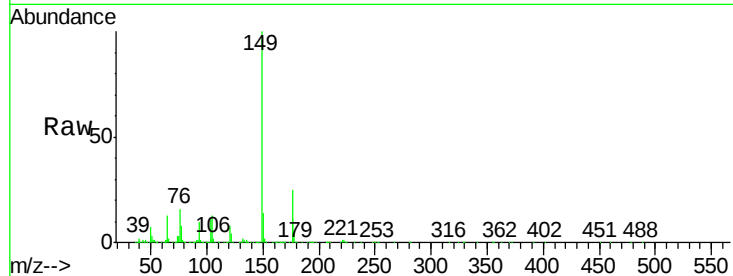




#59
Diethylphthalate
Concen: 37.46 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

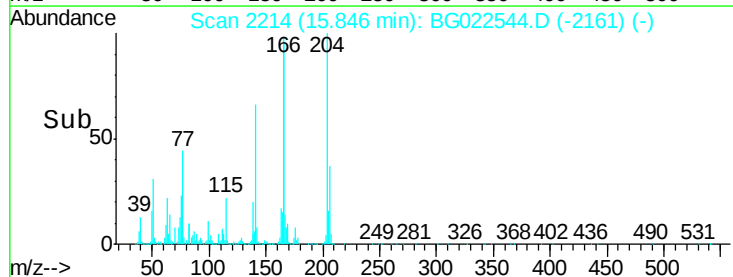
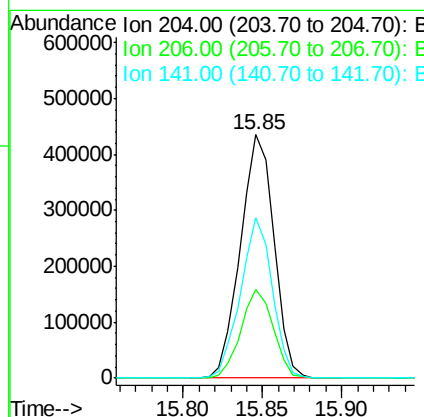
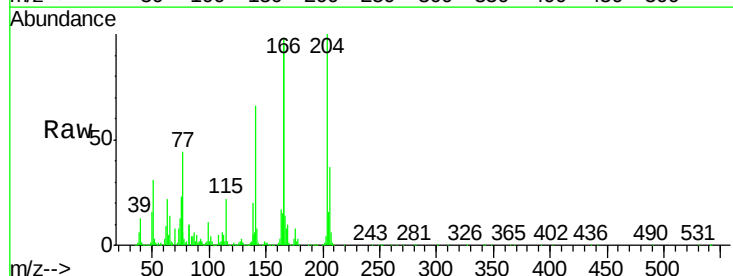
Instrument :
BNA_G
ClientSampled :

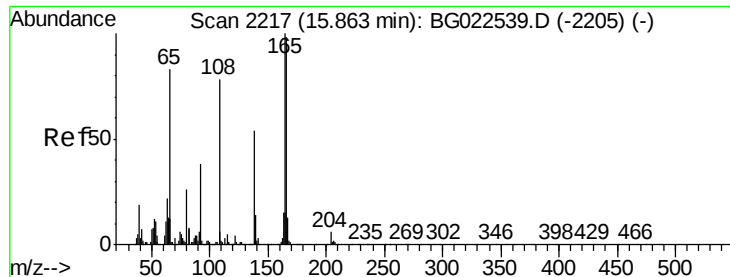
Tot Ion:149 Resp: 1176175
Ion Ratio Lower Upper
149 100
177 24.6 19.2 28.8
150 13.7 10.6 16.0



#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





#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 :

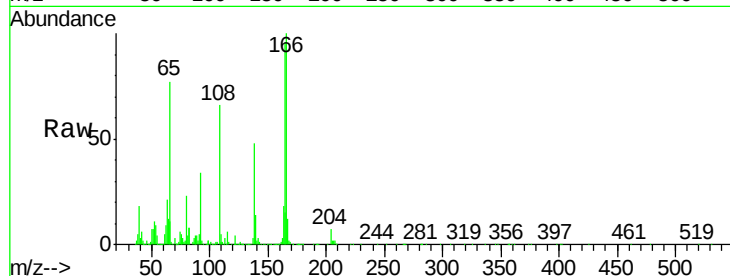
Tot Ion:138 Resp: 243488

Ion Ratio Lower Upper

138 100

92 71.3 54.1 94.1

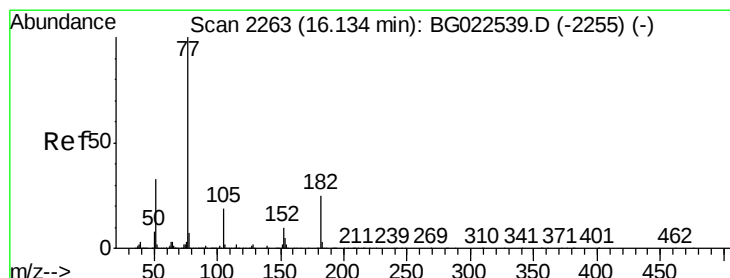
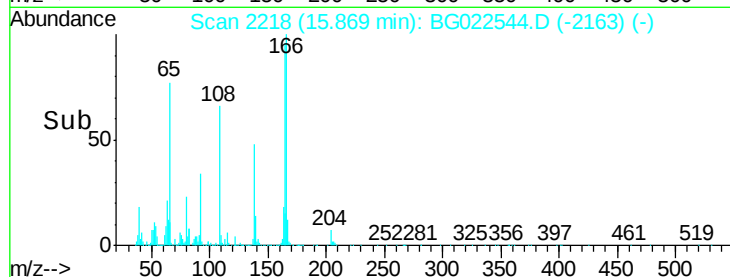
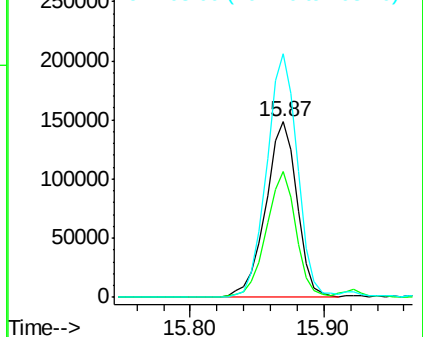
108 138.6 133.9 173.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#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

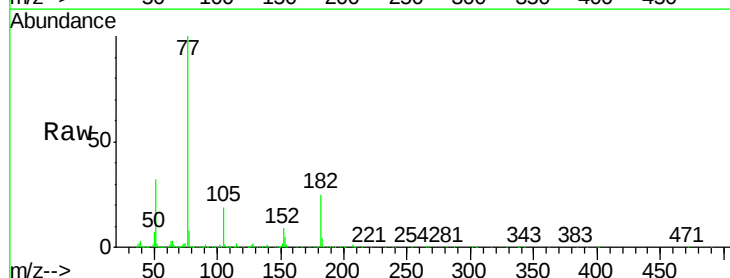
Ion Ratio Lower Upper

77 100

182 25.0 3.5 43.5

105 19.0 0.0 38.5

51 31.5 17.1 57.1

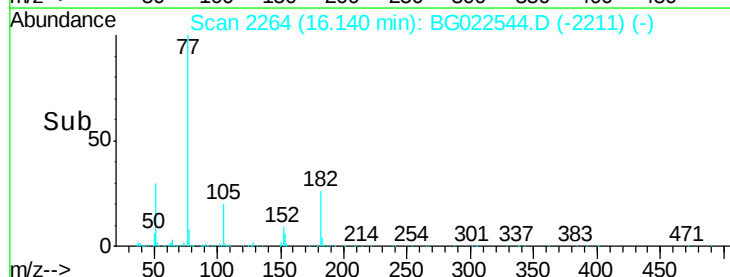
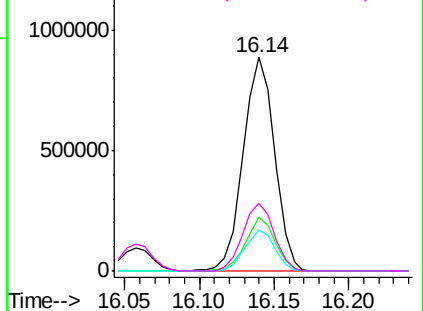


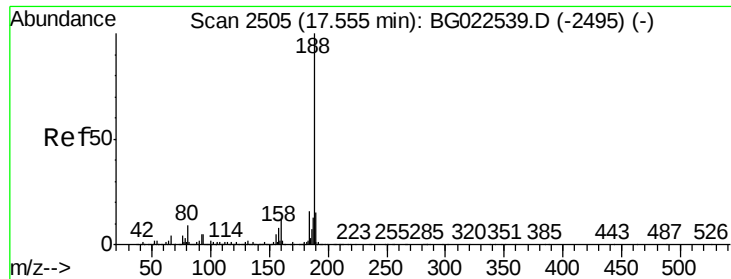
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

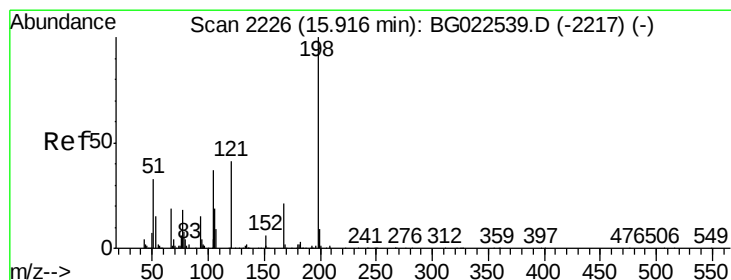
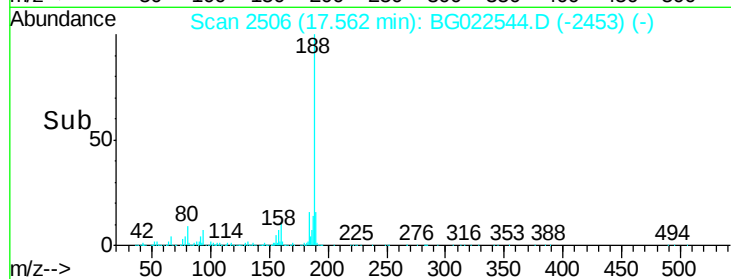
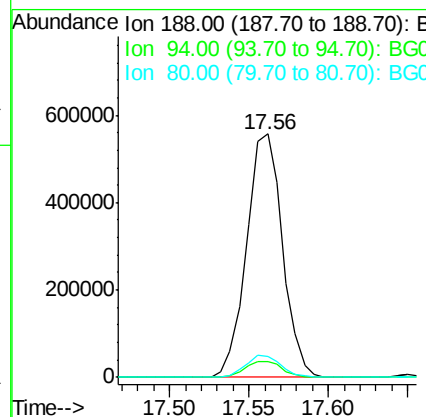
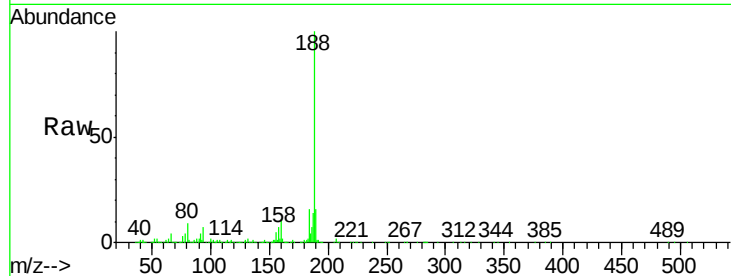




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

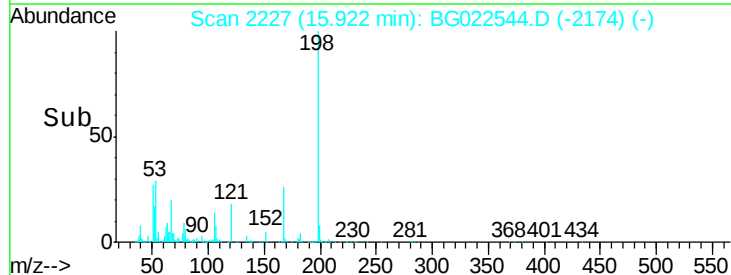
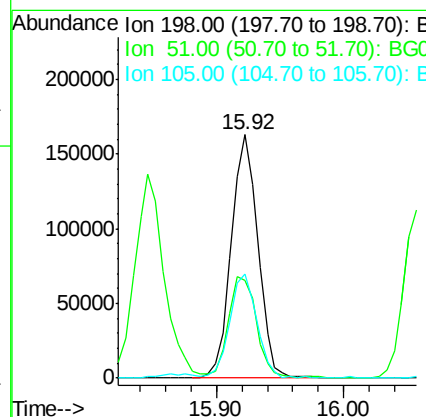
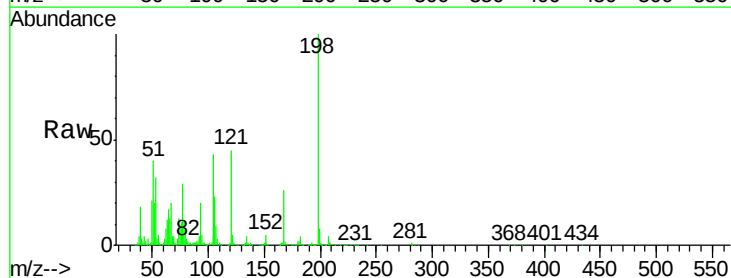
Instrument :
BNA_G
ClientSampleId :

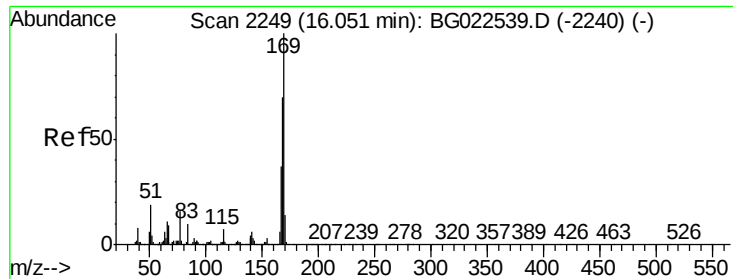
Tot Ion:188 Resp: 876065
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.8 7.2 10.8



#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

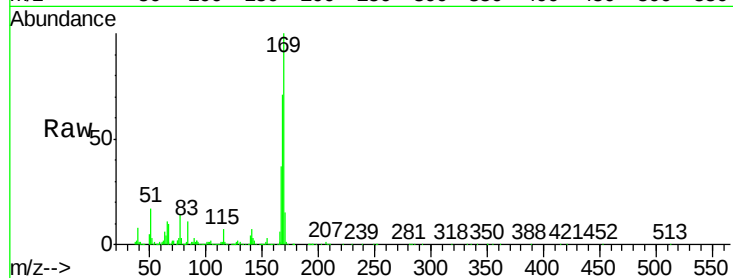
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 997604

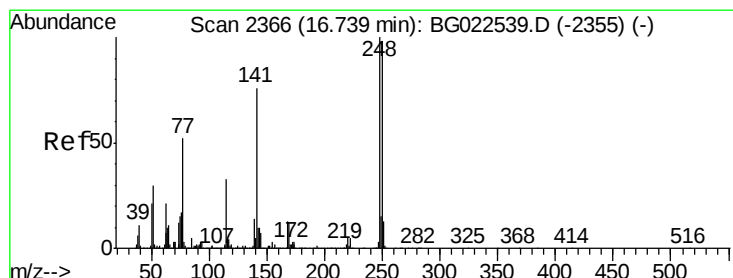
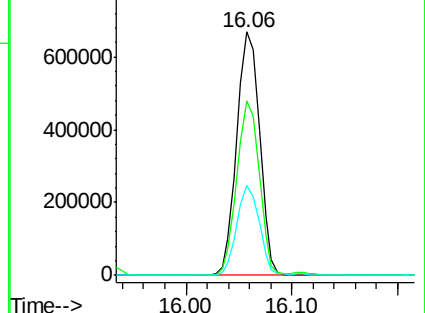
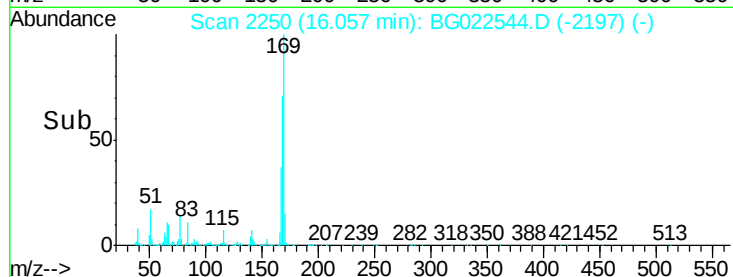
Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.0	82.4
167	36.7	27.4	41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.48 ng

RT: 16.74 min Scan# 2367

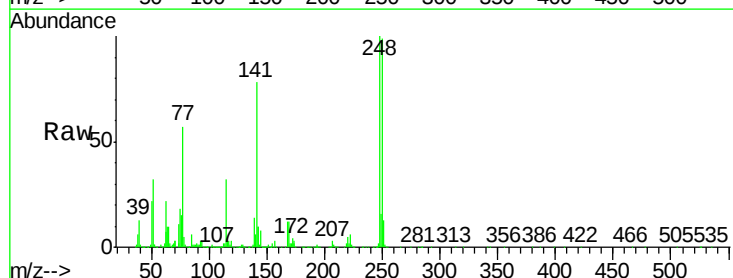
Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:248 Resp: 437360

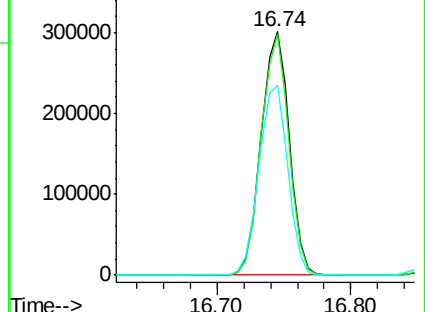
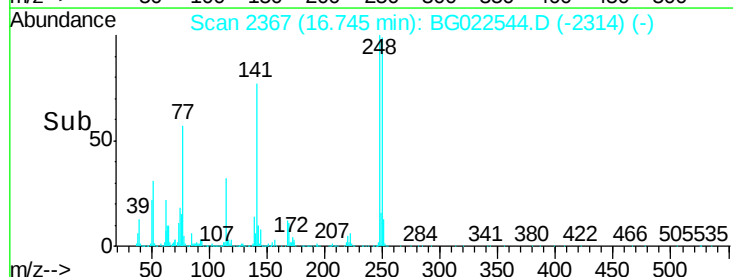
Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.8	116.8
141	78.0	65.7	98.5

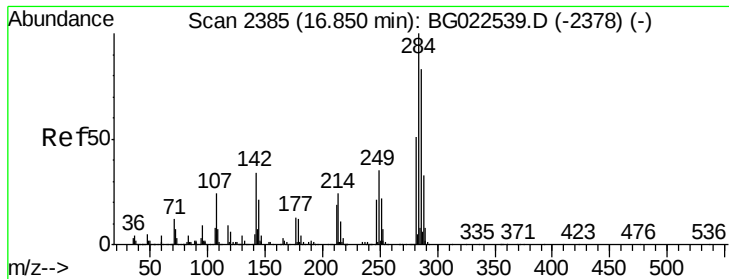


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.94 ng

RT: 16.86 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG022544.D

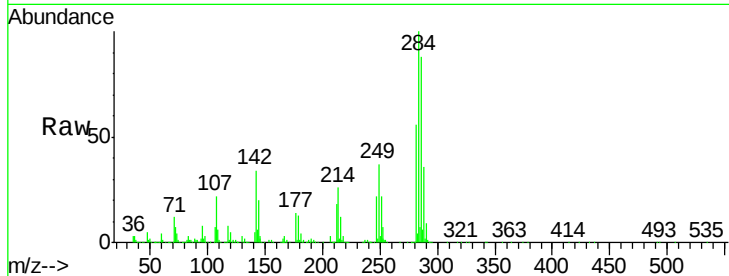
Acq: 24 Jun 2016 18:47

Instrument :

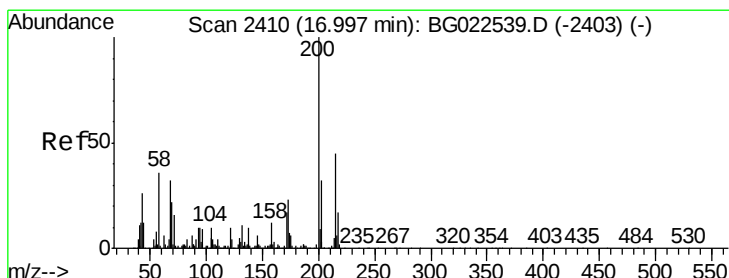
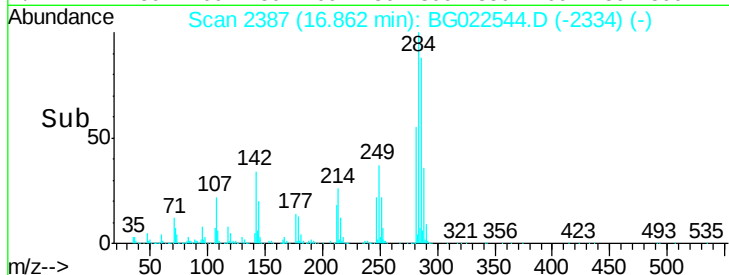
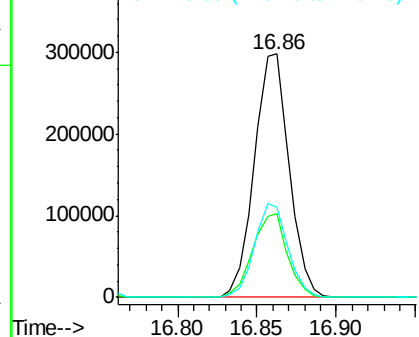
BNA_G

ClientSampleId :

Tot Ion:284	Resp:	455977
Ion Ratio	Lower	Upper
284	100	
142	34.4	26.8 40.2
249	37.1	28.9 43.3



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



#68

Atrazine

Concen: 39.55 ng

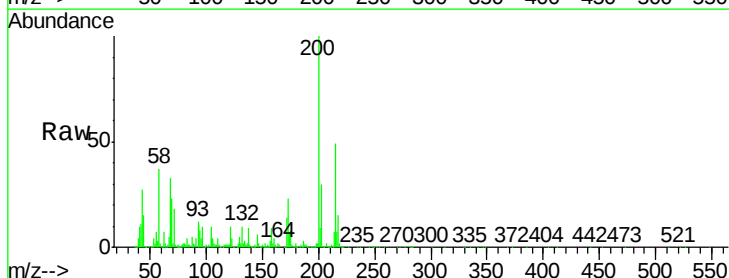
RT: 17.00 min Scan# 2411

Delta R.T. 0.01 min

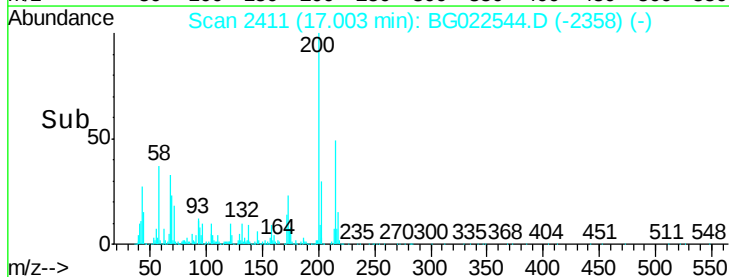
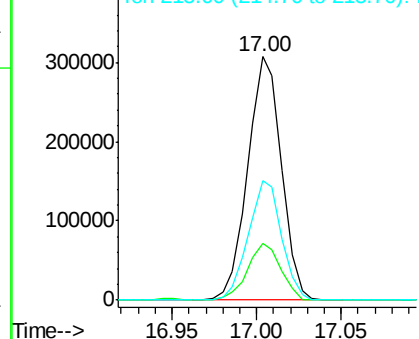
Lab File: BG022544.D

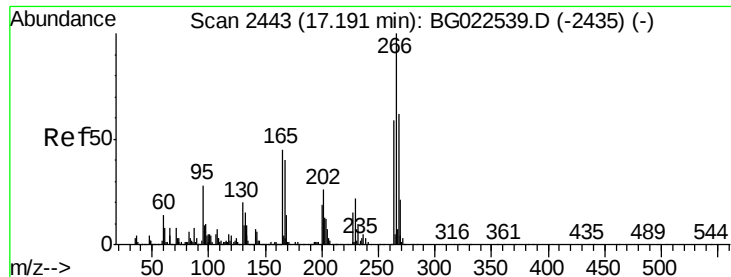
Acq: 24 Jun 2016 18:47

Tgt Ion:200	Resp:	425759
Ion Ratio	Lower	Upper
200	100	
173	23.4	1.6 41.6
215	49.2	28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

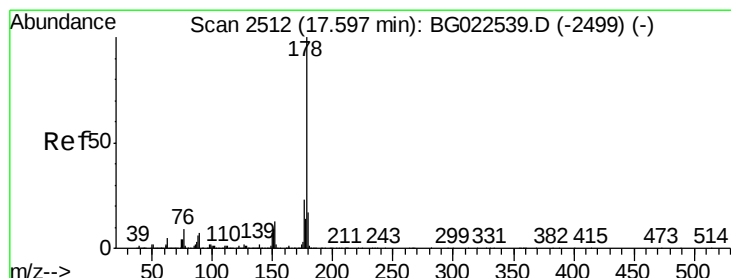
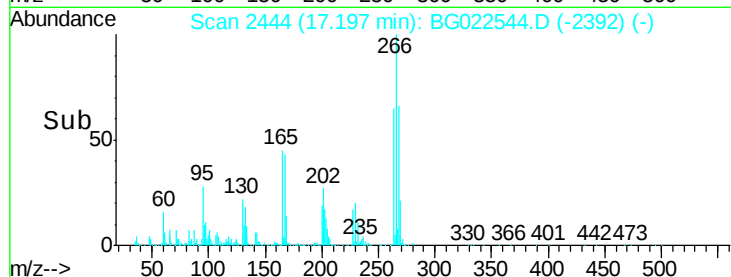
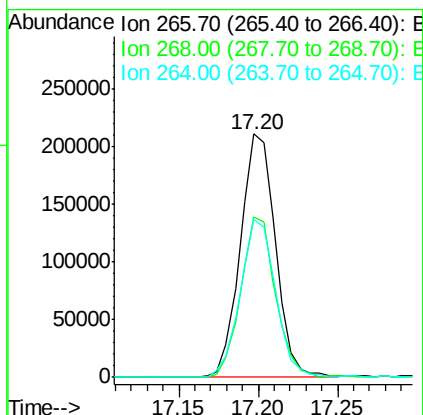
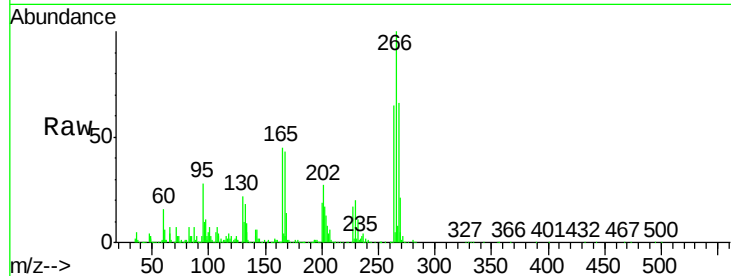




#69
 Pentachlorophenol
 Concen: 39.33 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

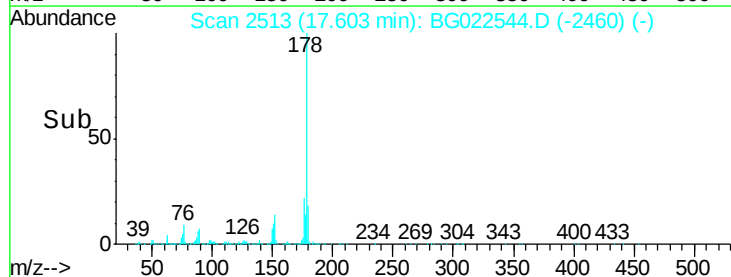
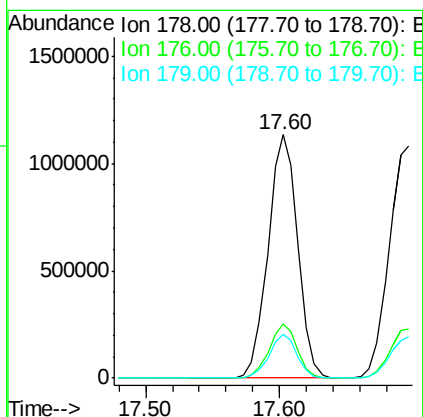
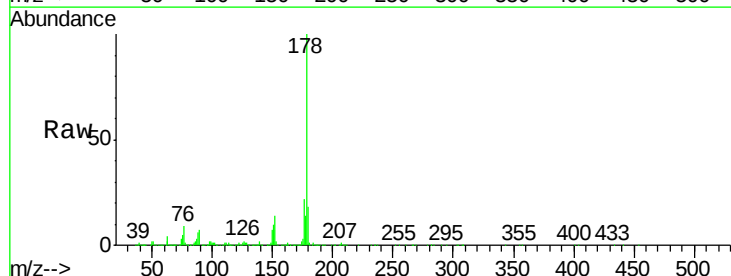
Instrument :
 BNA_G
 ClientSampleId :

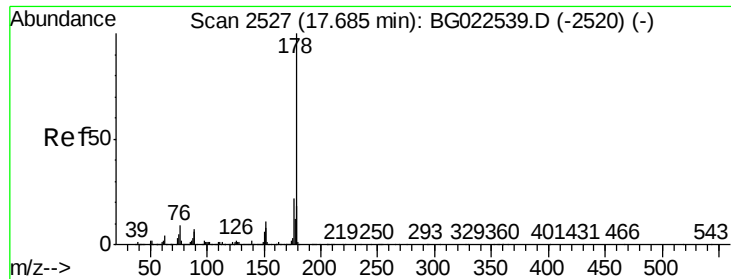
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	65.0	50.6	75.8



#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	Ratio	Lower	Upper
178	100		
176	22.3	16.8	25.2
179	17.8	14.3	21.5



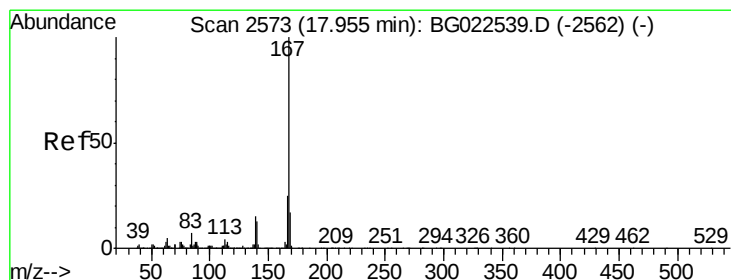
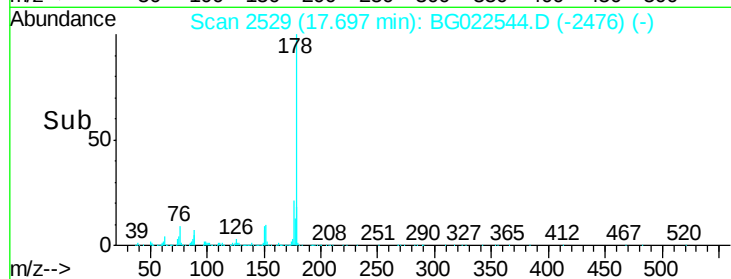
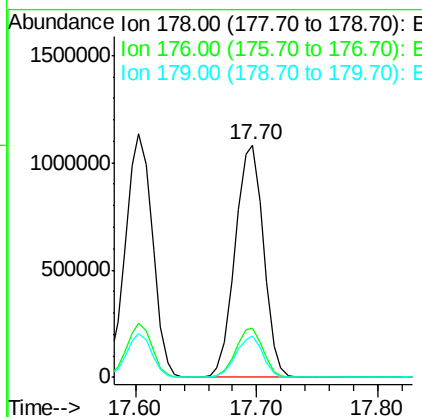
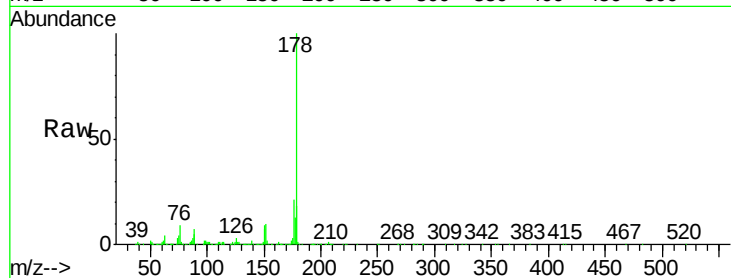


#71
 Anthracene
 Concen: 38.65 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1777009

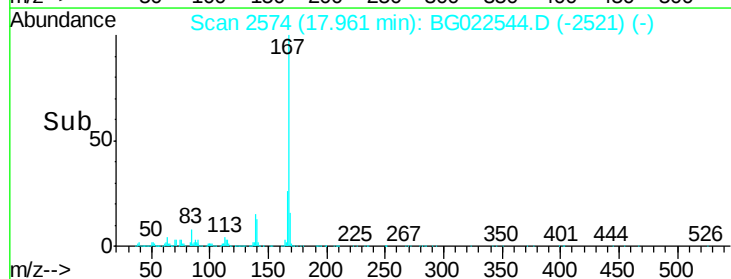
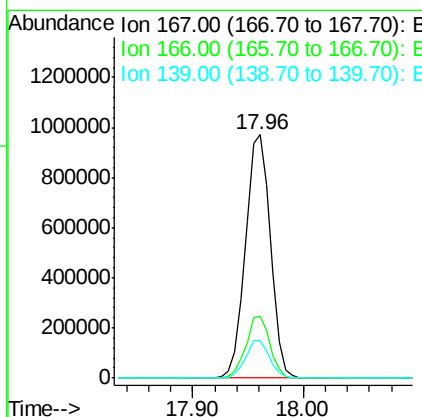
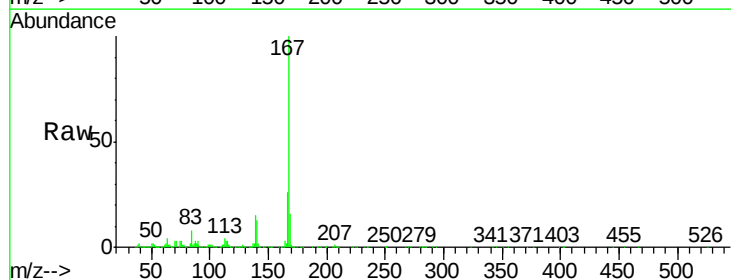
Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.3	25.9
179	17.8	14.0	21.0

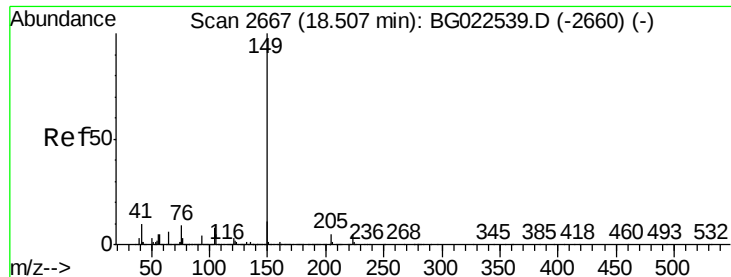


#72
 Carbazole
 Concen: 39.56 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

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 :

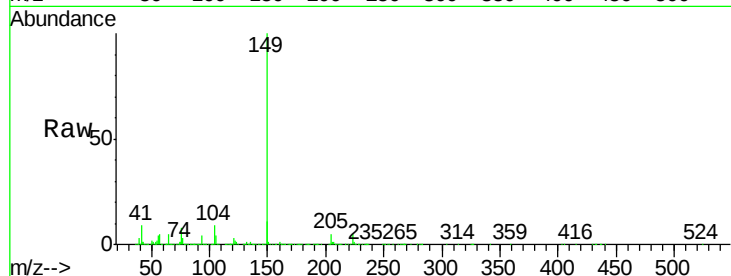
Tot Ion:149 Resp: 1845267

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

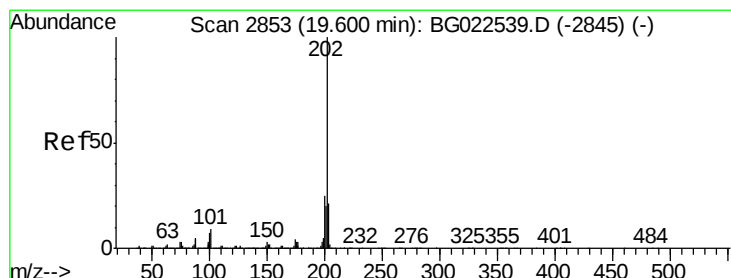
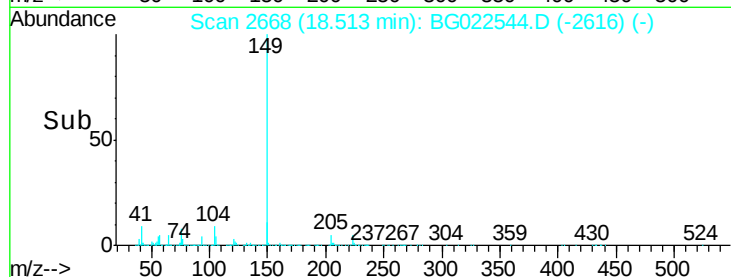
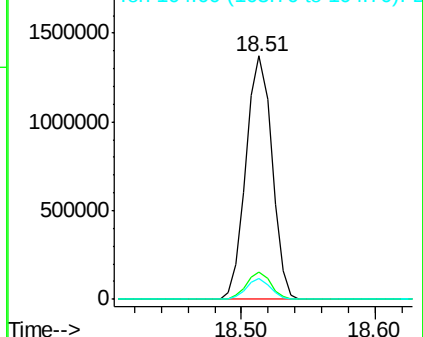
104 8.6 6.9 10.3



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

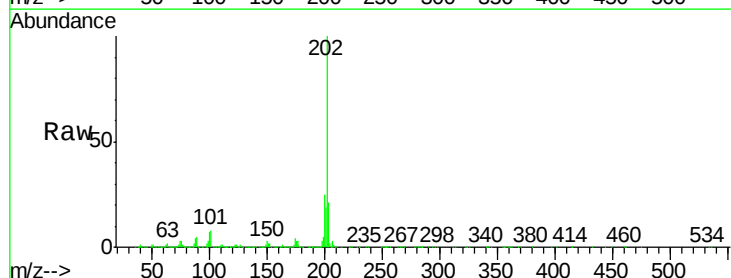
Tgt Ion:202 Resp: 2023029

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.4

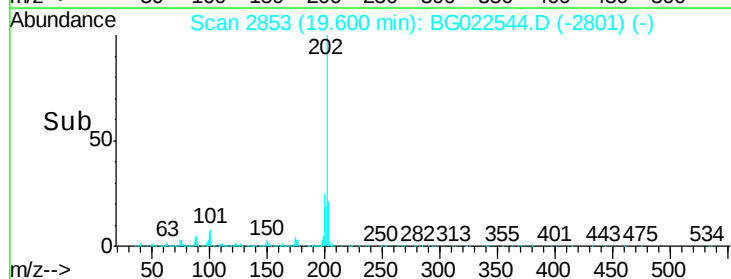
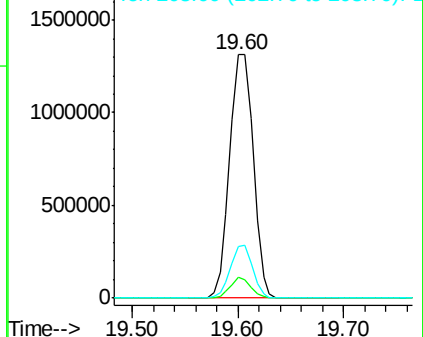
203 21.5 1.7 41.7

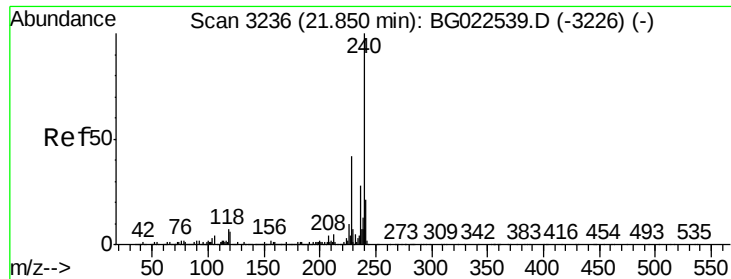


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

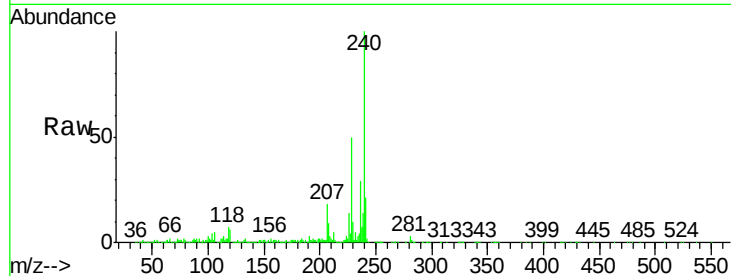
Tot Ion:240 Resp: 952995

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

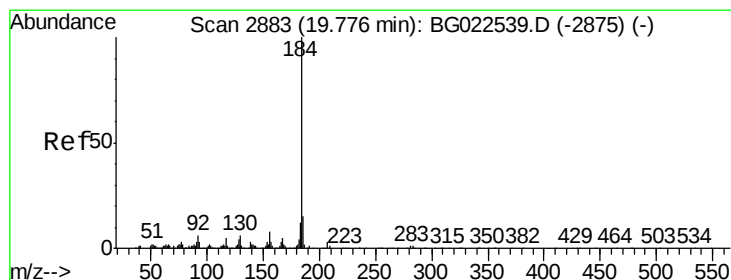
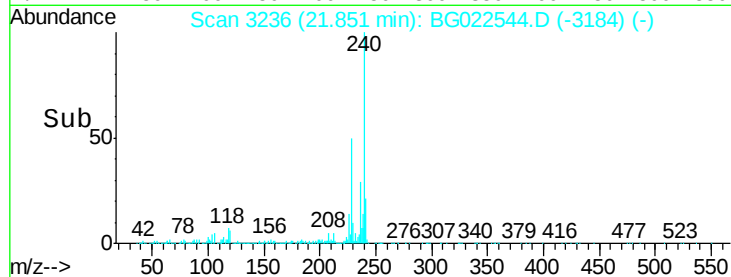
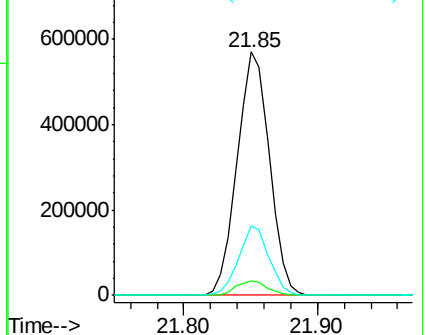
236 28.6 21.1 31.7



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

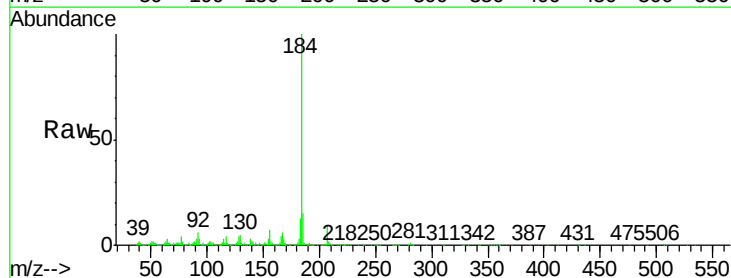
Tgt Ion:184 Resp: 638815

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

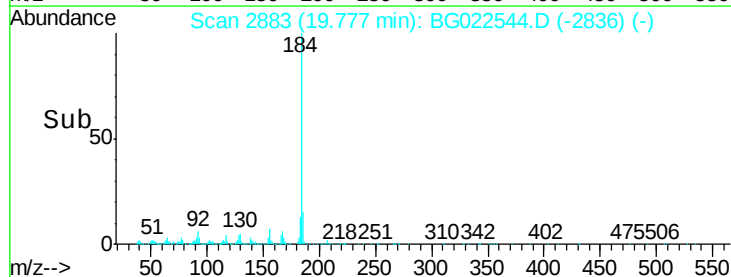
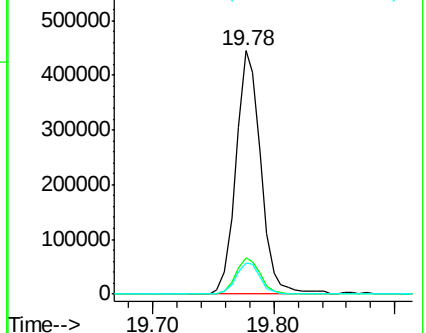
183 12.8 10.7 16.1

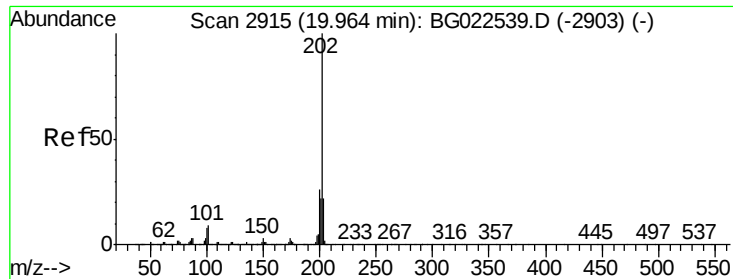


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

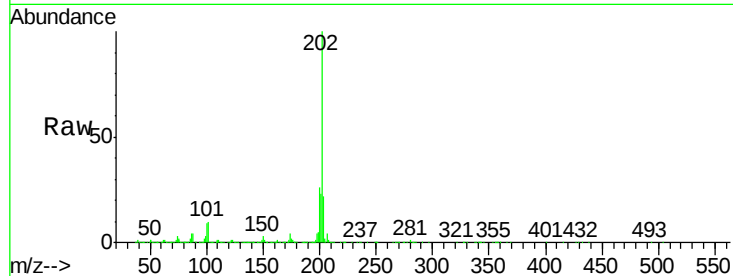
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2060211

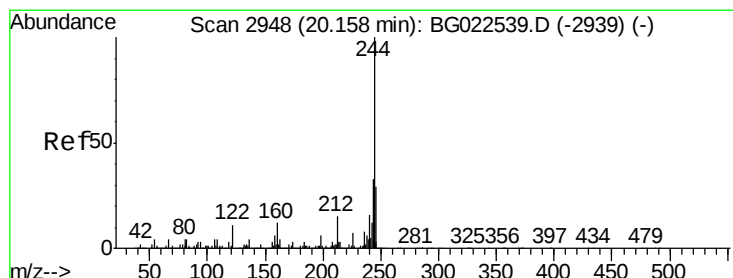
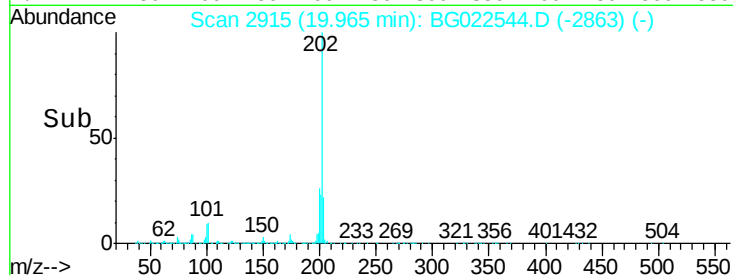
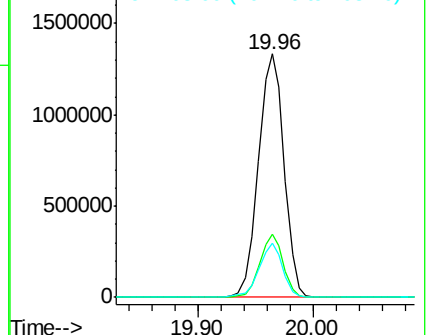
Ion	Ratio	Lower	Upper
202	100		
200	26.1	21.2	31.8
203	22.2	16.8	25.2



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: 36.45 ng

RT: 20.16 min Scan# 2948

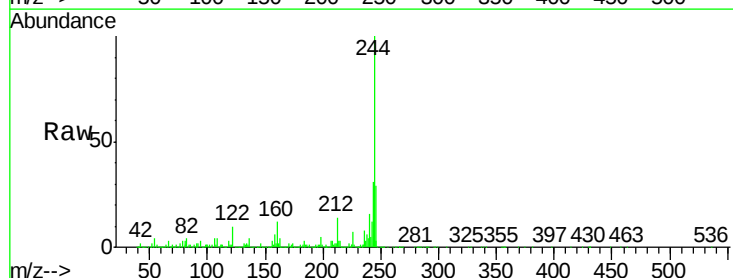
Delta R.T. 0.01 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:244 Resp: 2621946

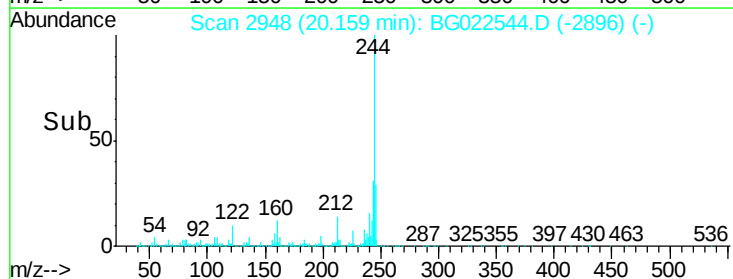
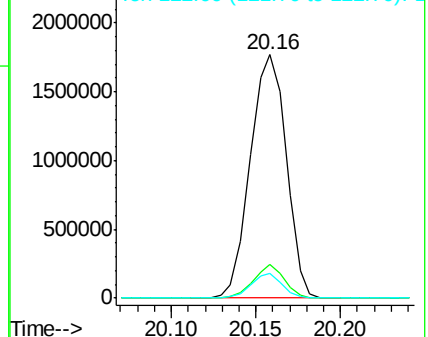
Ion	Ratio	Lower	Upper
244	100		
212	13.7	10.8	16.2
122	10.2	8.0	12.0

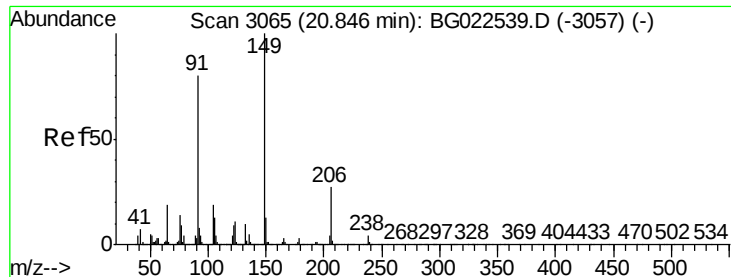


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

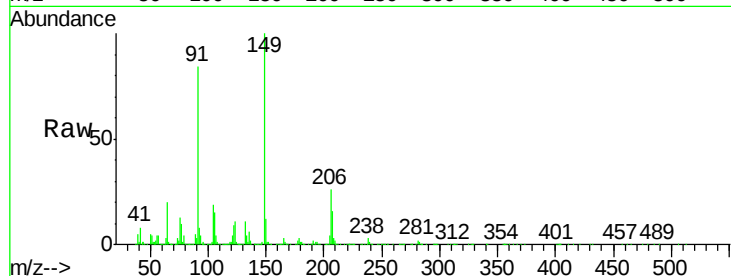
Tot Ion:149 Resp: 885626

Ion Ratio Lower Upper

149 100

91 84.2 68.1 102.1

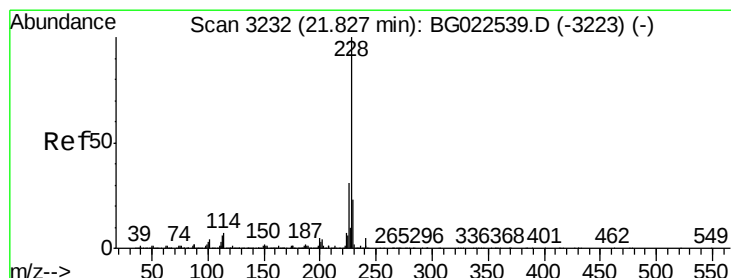
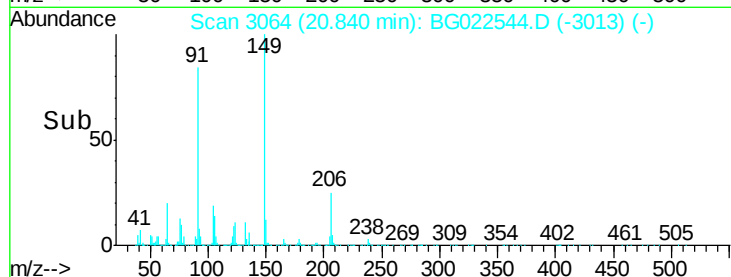
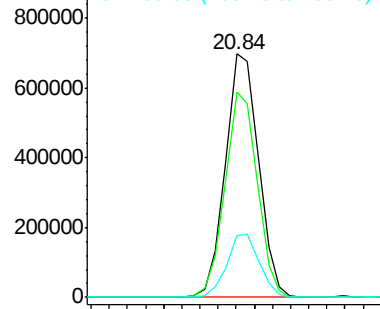
206 25.6 19.8 29.6



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

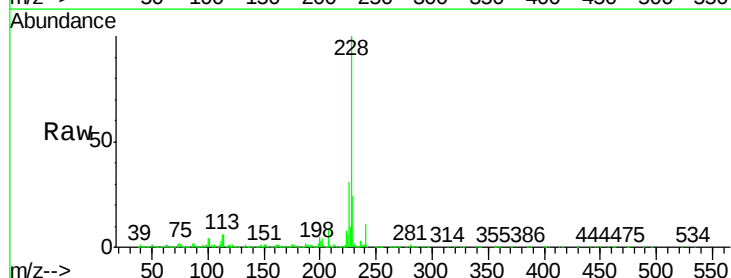
Tgt Ion:228 Resp: 2162360

Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

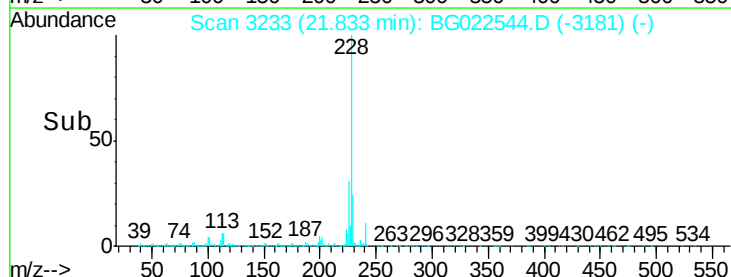
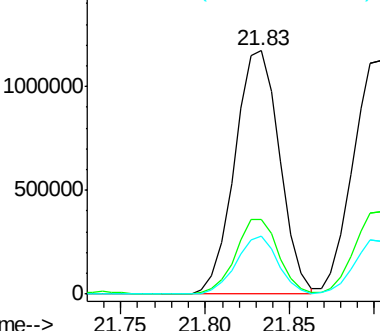
229 23.6 19.9 29.9

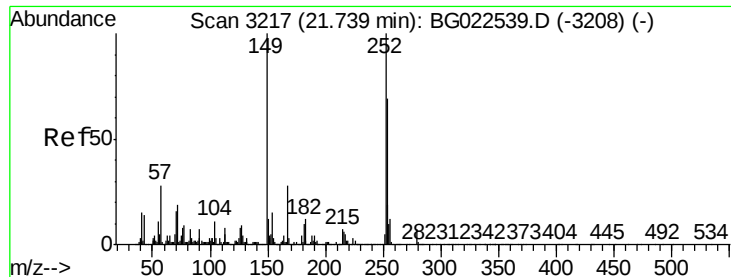


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

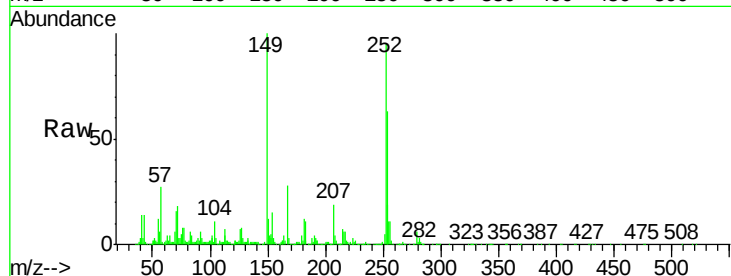




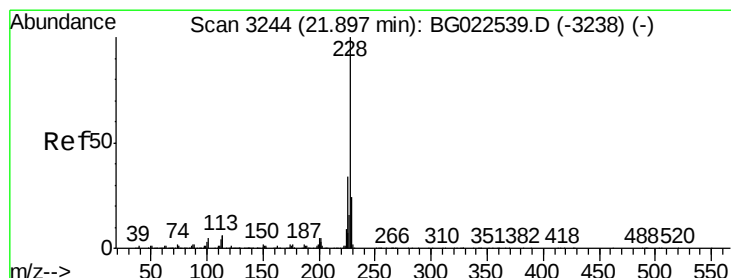
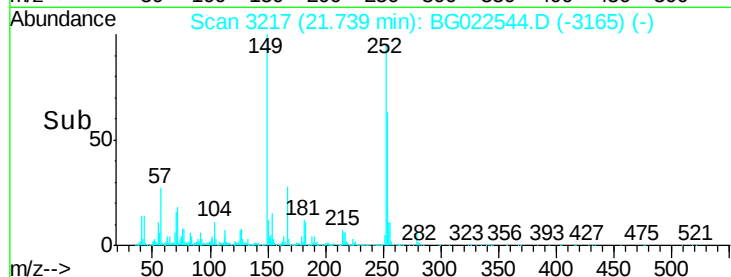
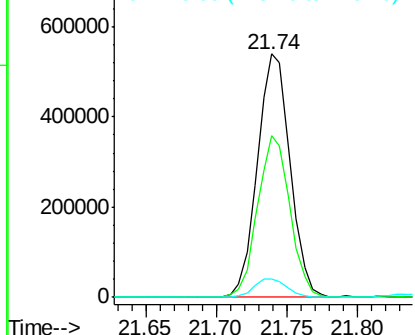
#81
 3,3'-Dichlorobenzidine
 Concen: 40.28 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

Instrument :
 BNA_G
 ClientSampleId :

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

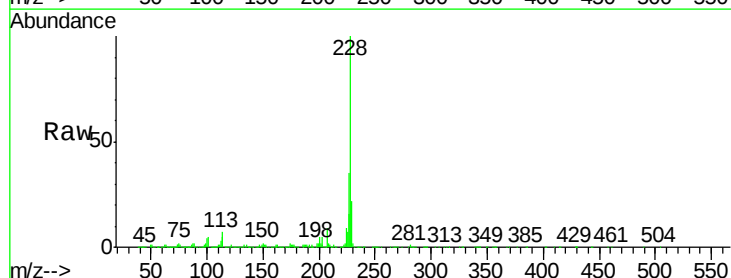


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

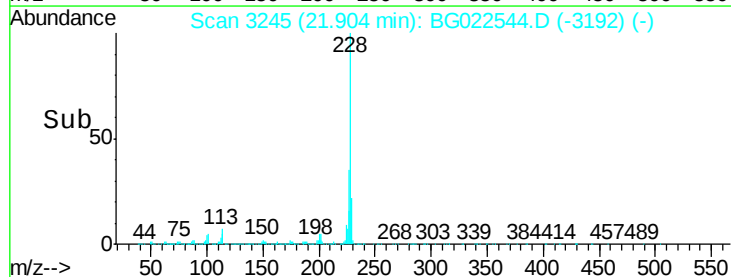
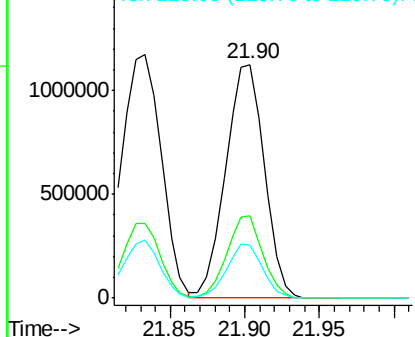


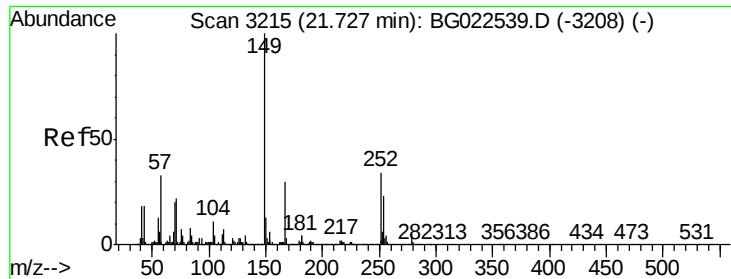
#82
 Chrysene
 Concen: 41.01 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

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

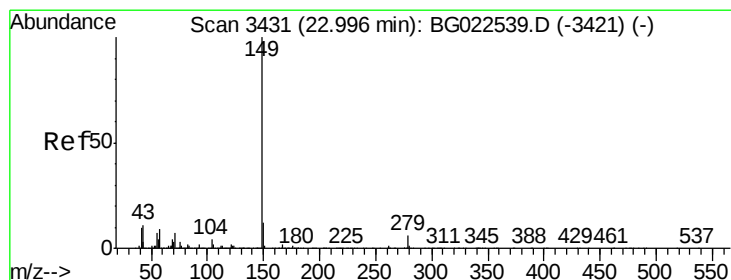
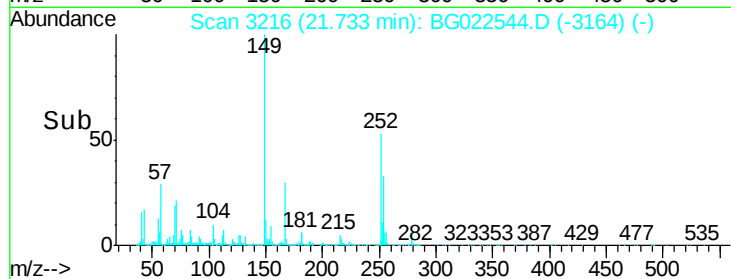
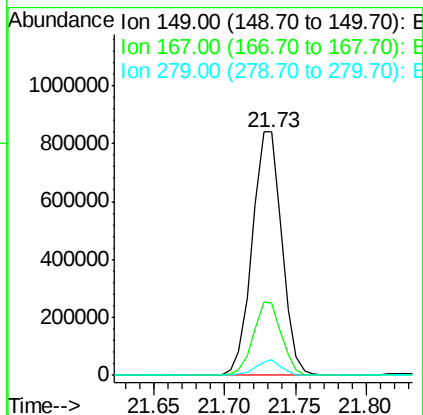
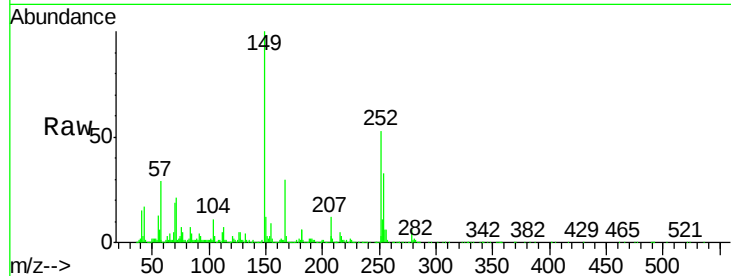




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.94 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.01 min
 Lab File: BG022544.D
 Acq: 24 Jun 2016 18:47

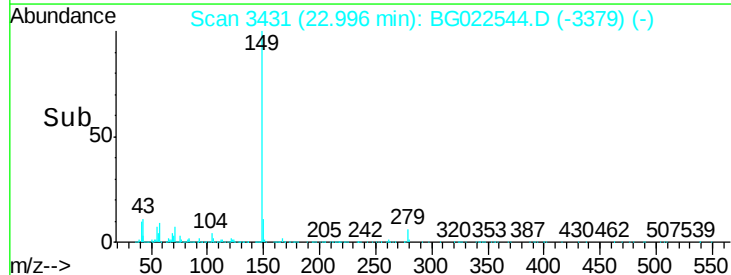
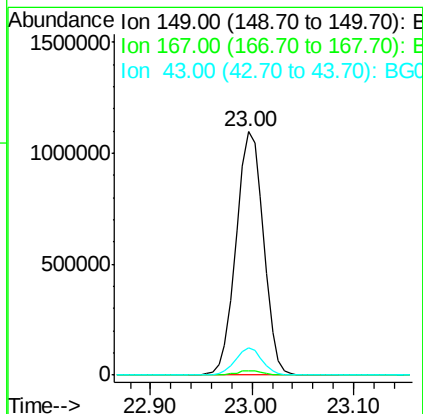
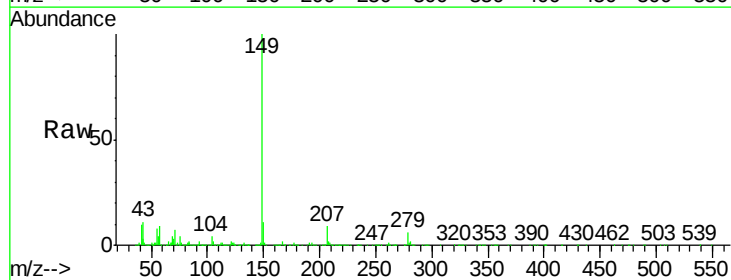
Instrument :
 BNA_G
 ClientSampled :

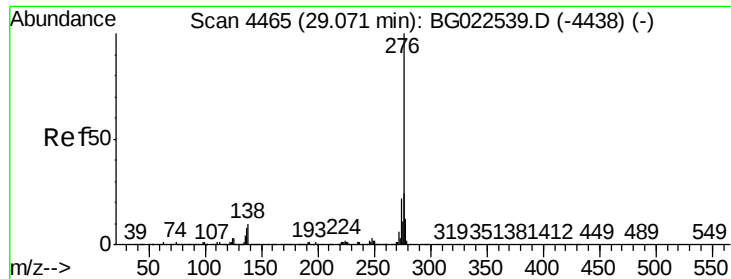
Tot Ion:149 Resp: 1235779
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.0 36.0
 279 6.4 4.8 7.2



#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

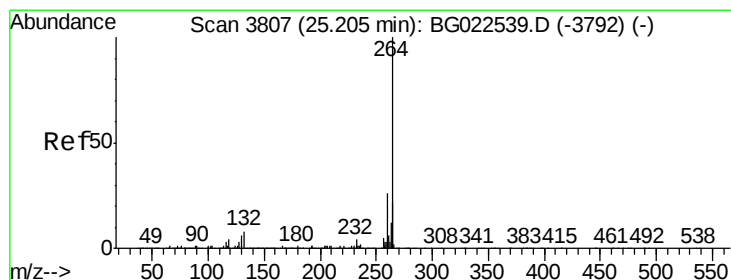
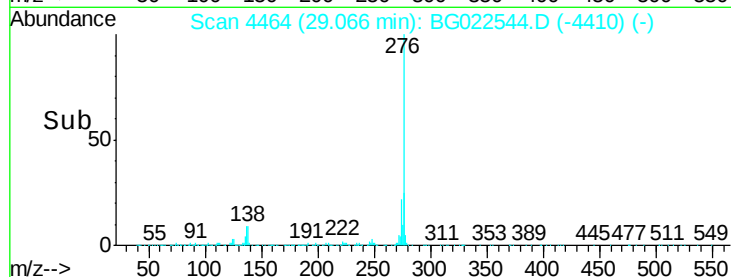
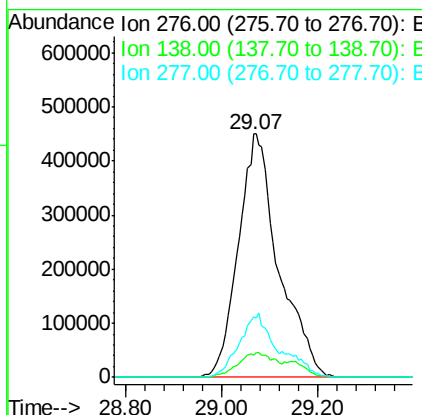
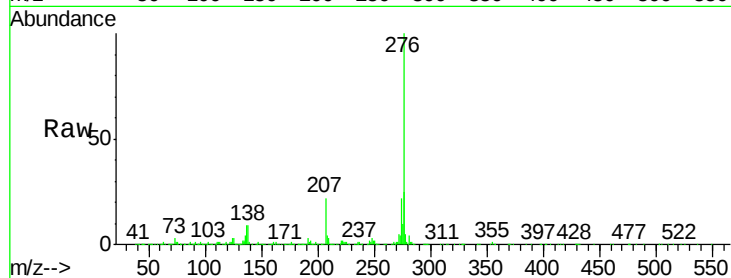




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.20 ng
RT: 29.07 min Scan# 4464
Delta R.T. 0.02 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

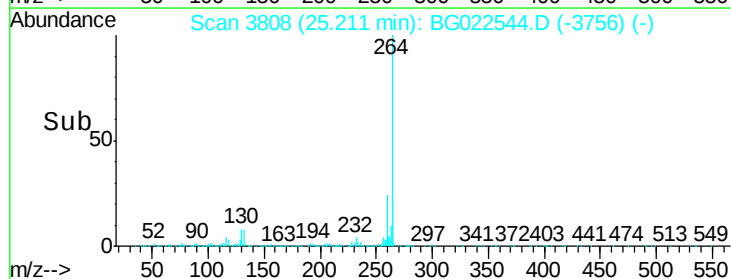
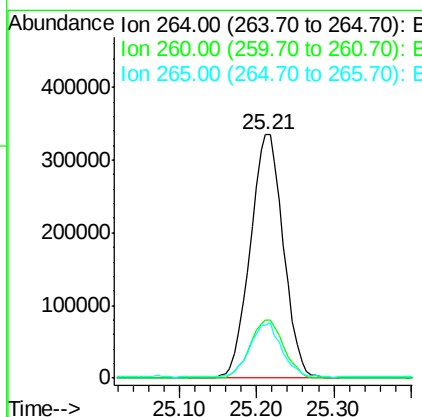
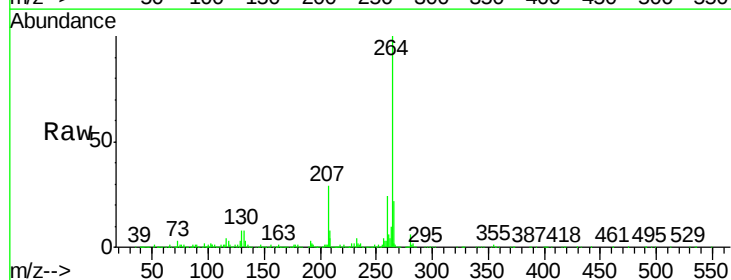
Instrument :
BNA_G
ClientSampleId :

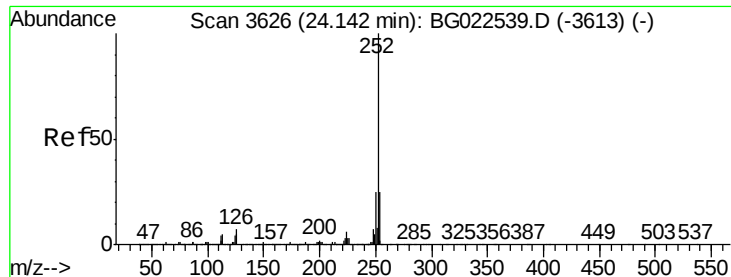
Tot Ion:276 Resp: 2617674
Ion Ratio Lower Upper
276 100
138 9.2 0.0 0.0#
277 25.8 0.0 0.0#



#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

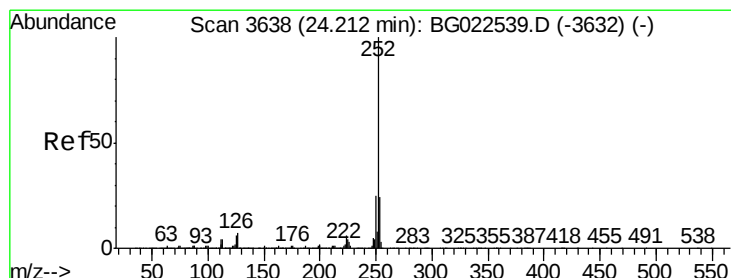
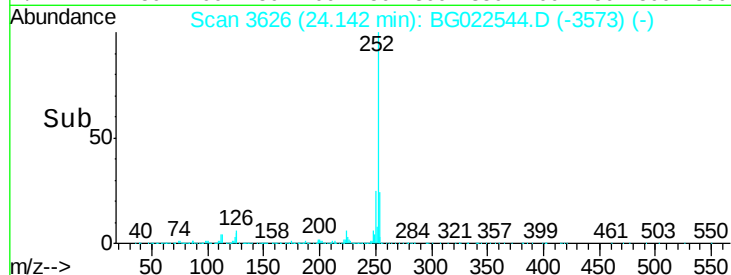
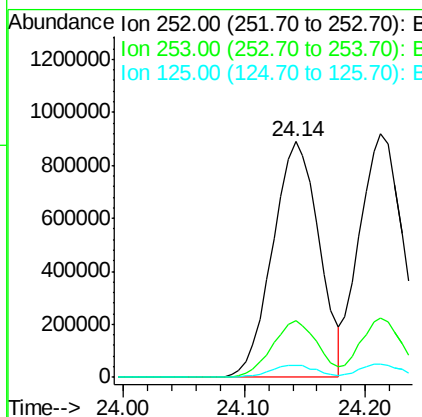
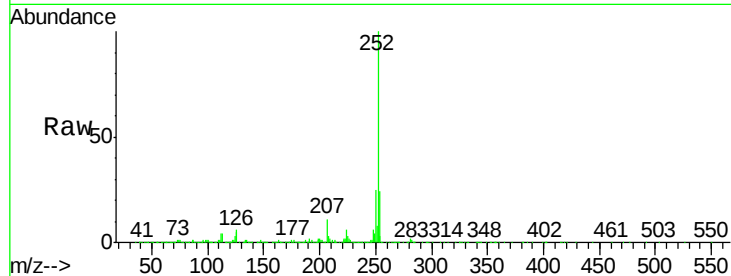




#87
Benzo(b)fluoranthene
Concen: 39.15 ng
RT: 24.14 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BG022544.D
Acq: 24 Jun 2016 18:47

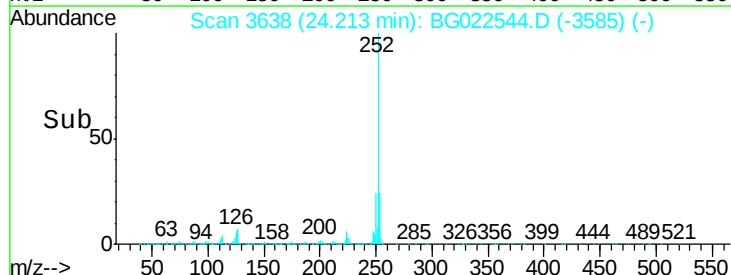
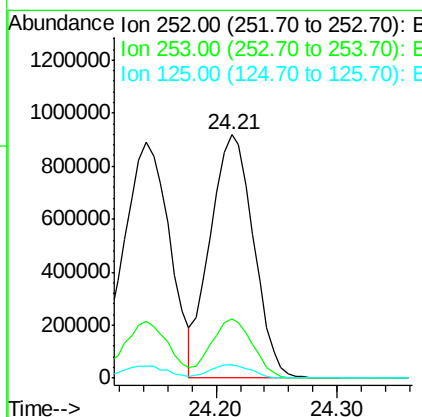
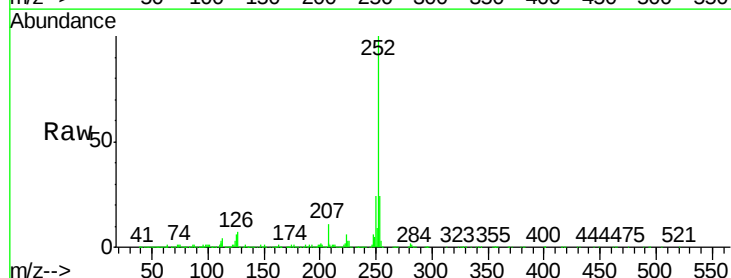
Instrument :
BNA_G
ClientSampleId :

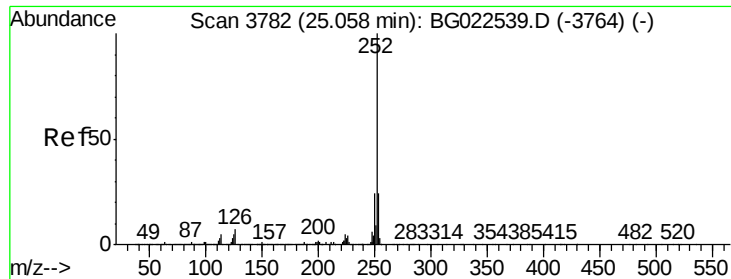
Tot Ion:252 Resp: 2367811
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 5.3 3.9 5.9



#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#





#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

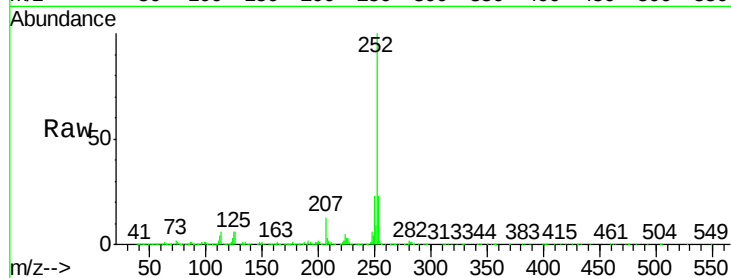
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 2301485

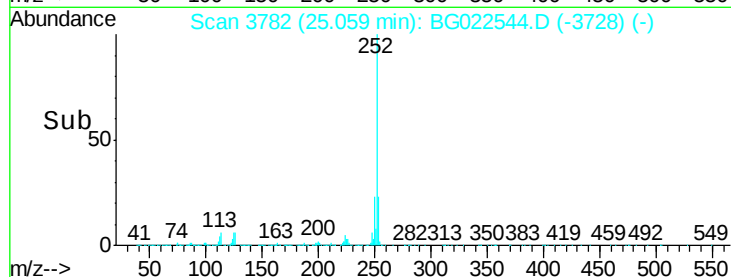
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	6.3	3.9	5.9



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

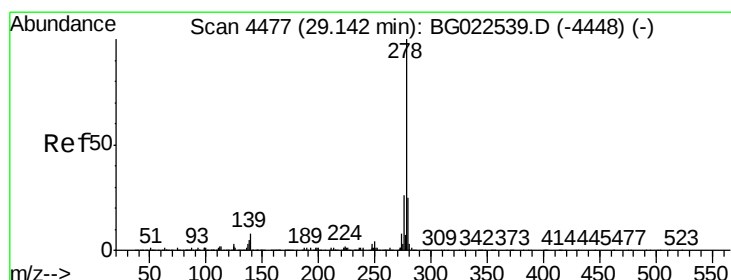


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.80 ng

RT: 29.15 min Scan# 4479

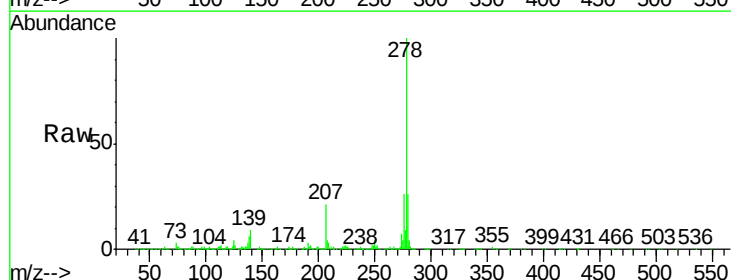
Delta R.T. 0.04 min

Lab File: BG022544.D

Acq: 24 Jun 2016 18:47

Tgt Ion:278 Resp: 2153952

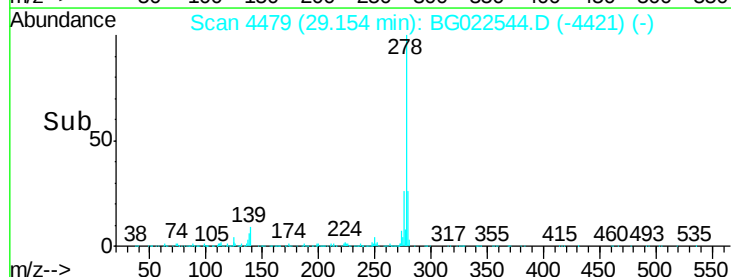
Ion	Ratio	Lower	Upper
278	100		
139	9.3	4.7	7.1
279	25.6	18.3	27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

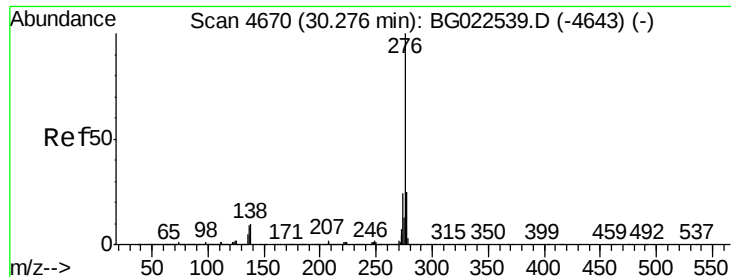


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(a,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 :

Tot Ion:276 Resp: 2166600

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	9.6	6.8	10.2

