

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022582.D
 Acq On : 25 Jun 2016 20:06
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

Quant Time: Jun 26 06:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	123389	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	532288	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	386391	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1025802	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1239596	20.00	ng	0.01
86) Perylene-d12	25.22	264	1249082	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	977261	127.03	ng	0.00
7) Phenol-d6	7.31	99	1457450	134.41	ng	0.00
23) Nitrobenzene-d5	9.34	82	1002099	79.68	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	809186	133.15	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1949180	80.00	ng	0.00
78) Terphenyl-d14	20.16	244	3130997	66.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	102062	32.73	ng	93
3) Pyridine	3.98	79	335223	38.44	ng	# 91
4) n-Nitrosodimethylamine	3.90	42	185073	37.10	ng	96
6) Aniline	7.49	93	306038	21.29	ng	98
8) 2-Chlorophenol	7.73	128	354483	44.49	ng	99
9) Benzaldehyde	7.30	77	9151	2.40	ng	# 53
10) Phenol	7.34	94	529013	46.16	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	369189	39.13	ng	98
12) 1,3-Dichlorobenzene	8.06	146	365817	37.73	ng	95
13) 1,4-Dichlorobenzene	8.20	146	392447	40.37	ng	98
14) 1,2-Dichlorobenzene	8.52	146	371432	40.18	ng	96
15) Benzyl Alcohol	8.40	79	438440	43.70	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	410337	39.33	ng	96
17) 2-Methylphenol	8.60	107	332888	44.07	ng	96
18) Hexachloroethane	9.26	117	162916	40.49	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	363504	40.25	ng	98
20) 3+4-Methylphenols	8.93	107	452730	43.51	ng	96
22) Acetophenone	8.99	105	605607	39.36	ng	98
24) Nitrobenzene	9.38	77	545397	39.24	ng	94
25) Isophorone	9.90	82	945110	38.71	ng	98
26) 2-Nitrophenol	10.09	139	211901	42.32	ng	91
27) 2,4-Dimethylphenol	10.14	122	375751	39.28	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	522803	39.22	ng	95
29) 2,4-Dichlorophenol	10.63	162	415462	44.58	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	431284	38.97	ng	96
31) Naphthalene	11.04	128	1056969	39.50	ng	97
32) Benzoic acid	10.26	122	276593	44.63	ng	92
33) 4-Chloroaniline	11.15	127	52695	4.57	ng	# 86
34) Hexachlorobutadiene	11.32	225	335254	38.98	ng	97
35) Caprolactam	11.92	113	94546	32.20	ng	94
36) 4-Chloro-3-methylphenol	12.26	107	511256	44.69	ng	96
37) 2-Methylnaphthalene	12.63	142	824288	39.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	555036	38.05	ng	99
40) Hexachlorocyclopentadiene	12.98	237	830781	71.34	ng	98

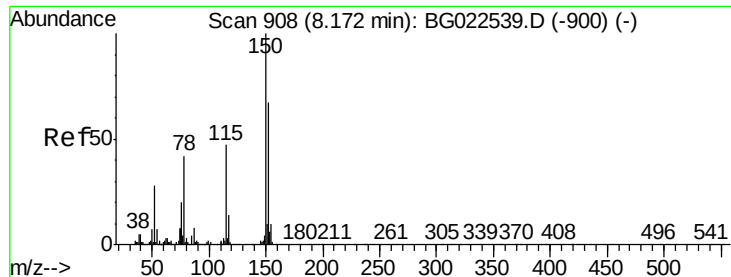
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022582.D
 Acq On : 25 Jun 2016 20:06
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	392622	41.97	ng	100
43) 2,4,5-Trichlorophenol	13.30	196	418493	42.76	ng	95
45) 1,1'-Biphenyl	13.64	154	1147978	39.00	ng	99
46) 2-Chloronaphthalene	13.68	162	939220	38.78	ng	98
47) 2-Nitroaniline	13.88	65	397107	42.48	ng	96
48) Acenaphthylene	14.52	152	1396203	39.75	ng	100
49) Dimethylphthalate	14.25	163	1292503	40.32	ng	98
50) 2,6-Dinitrotoluene	14.37	165	296711	42.60	ng	89
51) Acenaphthene	14.87	154	962978	37.21	ng	100
52) 3-Nitroaniline	14.70	138	112830	17.31	ng	94
53) 2,4-Dinitrophenol	14.90	184	394399	91.93	ng	98
54) Dibenzofuran	15.20	168	1481903	39.54	ng	99
55) 4-Nitrophenol	15.00	139	510286	92.59	ng	97
56) 2,4-Dinitrotoluene	15.15	165	441396	45.75	ng	# 96
57) Fluorene	15.85	166	1227581	41.04	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	436994	43.06	ng	97
59) Diethylphthalate	15.61	149	1346890	40.87	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	729657	40.98	ng	100
61) 4-Nitroaniline	15.86	138	286182	42.56	ng	88
62) Azobenzene	16.13	77	1395678	39.11	ng	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	295294	42.92	ng	98
65) n-Nitrosodiphenylamine	16.05	169	1161028	38.89	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	511390	38.43	ng	97
67) Hexachlorobenzene	16.86	284	534155	37.96	ng	96
68) Atrazine	17.00	200	529845	42.04	ng	97
69) Pentachlorophenol	17.20	266	815602	84.22	ng	98
70) Phenanthrene	17.60	178	2055686	39.30	ng	96
71) Anthracene	17.69	178	2098082	38.97	ng	97
72) Carbazole	17.96	167	1932619	42.35	ng	98
73) Di-n-butylphthalate	18.51	149	2234659	42.05	ng	99
74) Fluoranthene	19.61	202	2542066	42.18	ng	95
76) Benzidine	19.78	184	1311469	99.37	ng	99
77) Pyrene	19.97	202	2589595	39.22	ng	96
79) Butylbenzylphthalate	20.85	149	1137612	39.80	ng	96
80) Benzo(a)anthracene	21.83	228	2763825	40.29	ng	98
81) 3,3'-Dichlorobenzidine	21.75	252	542831	19.16	ng	99
82) Chrysene	21.90	228	2560423	39.72	ng	92
83) Bis(2-ethylhexyl)phthalate	21.73	149	1545222	38.40	ng	98
84) Di-n-octyl phthalate	22.99	149	2567508	38.71	ng	98
85) Indeno(1,2,3-cd)pyrene	29.07	276	3407055	40.22	ng	# 100
87) Benzo(b)fluoranthene	24.15	252	3089610	41.14	ng	97
88) Benzo(k)fluoranthene	24.22	252	2800215	39.44	ng	# 96
89) Benzo(a)pyrene	25.06	252	2943897	40.21	ng	# 97
90) Dibenzo(a,h)anthracene	29.14	278	2834174	41.12	ng	# 93
91) Benzo(g,h,i)perylene	30.28	276	2829520	40.33	ng	# 94

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

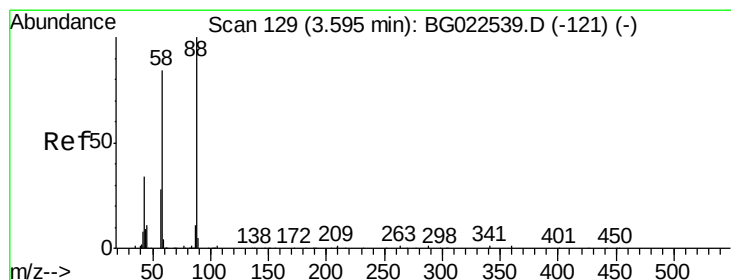
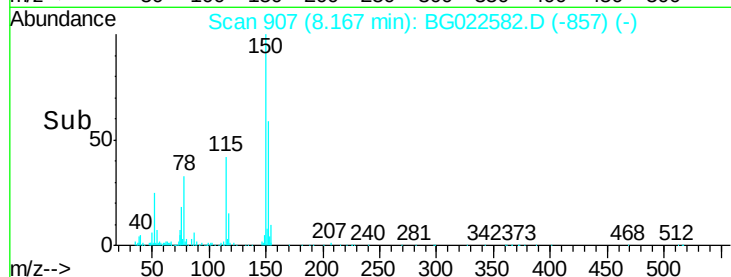
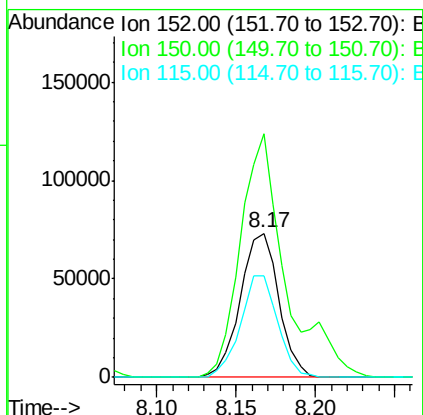
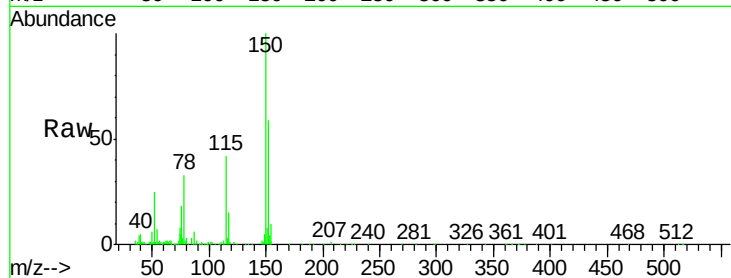


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Instrument :
BNA_G
ClientSampleId :
PB91573BS

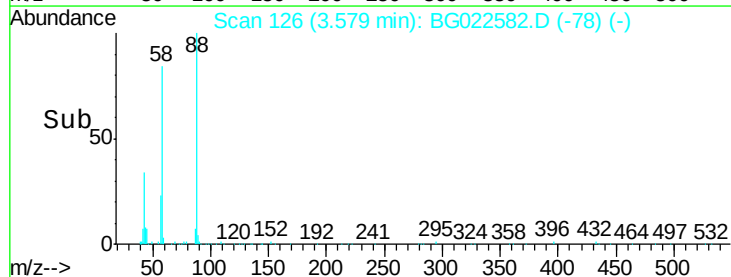
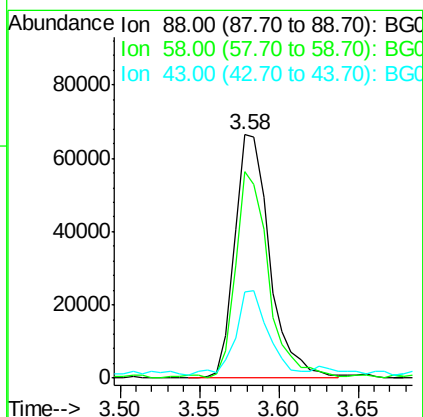
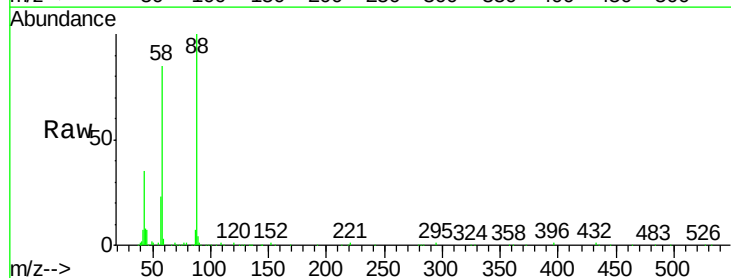
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.9	144.7	217.1
115	70.1	64.0	96.0

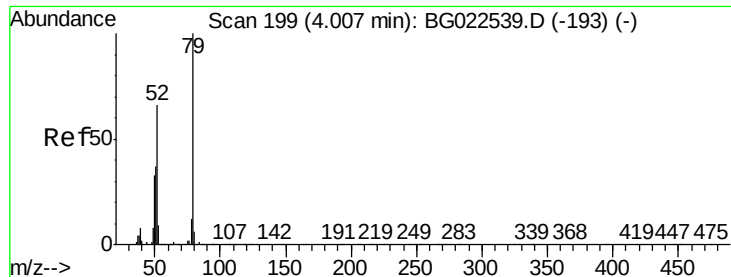


#2

1,4-Dioxane
Concen: 32.73 ng
RT: 3.58 min Scan# 126
Delta R.T. -0.02 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	60.4	90.6
43	32.3	31.1	46.7





#3

Pyridine

Concen: 38.44 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

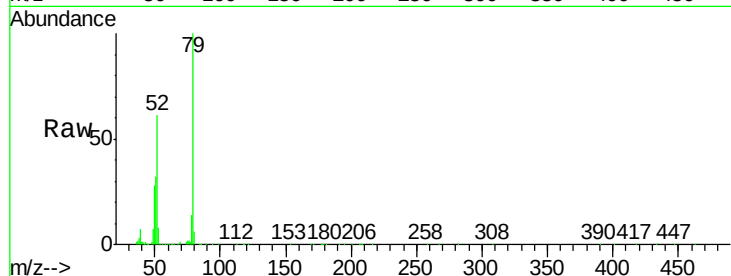
Tgt Ion: 79 Resp: 335223

Ion Ratio Lower Upper

79 100

52 60.5 51.8 77.8

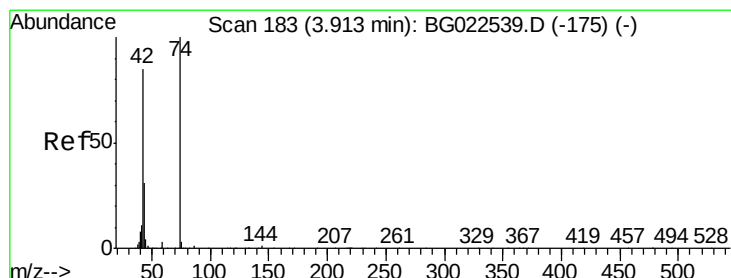
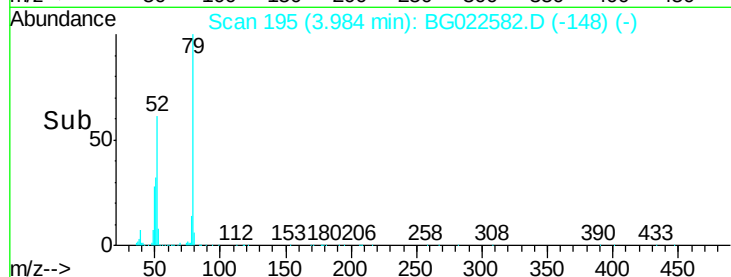
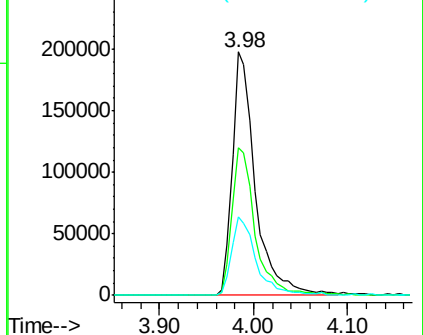
51 32.4 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.10 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

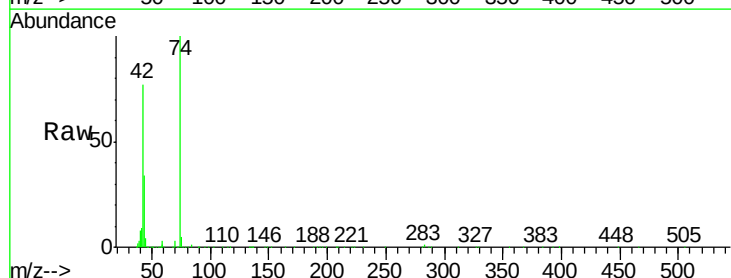
Tgt Ion: 42 Resp: 185073

Ion Ratio Lower Upper

42 100

74 129.9 100.6 150.8

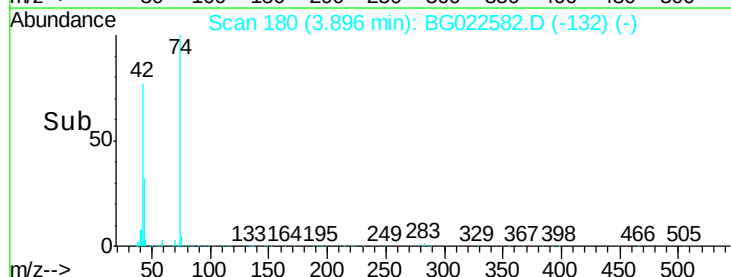
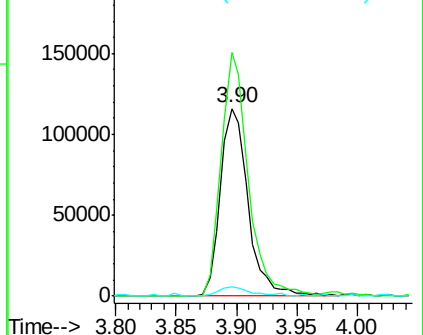
44 5.0 4.5 6.7

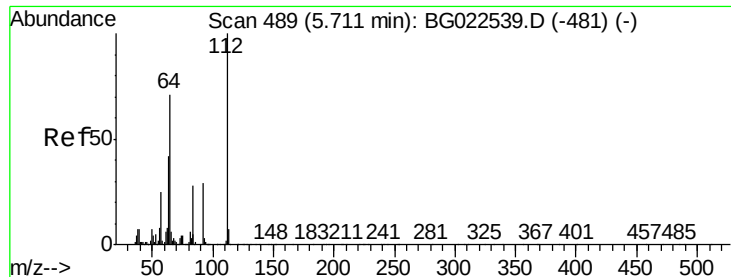


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.03 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

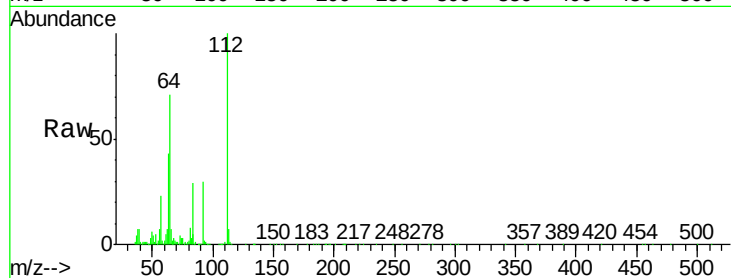
Tgt Ion: 112 Resp: 977261

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

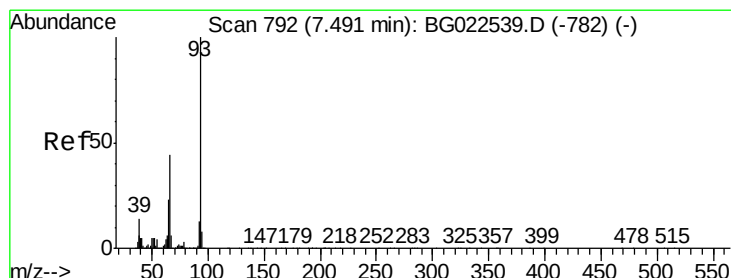
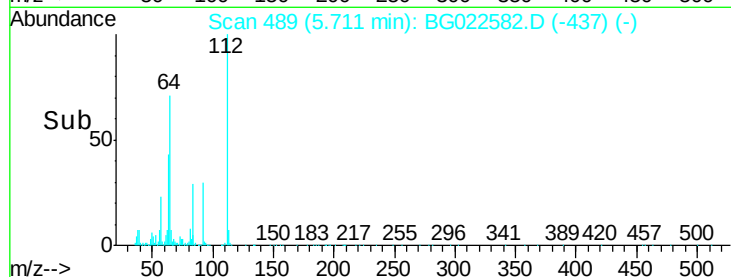
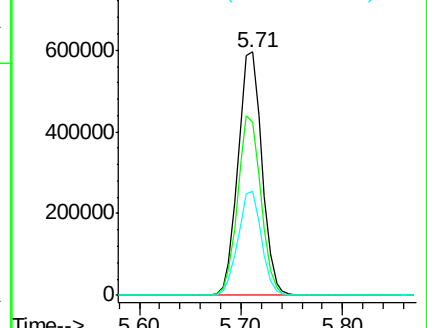
63 42.7 37.8 56.8



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: 21.29 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

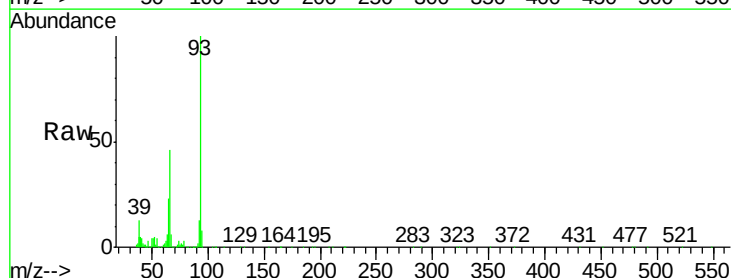
Tgt Ion: 93 Resp: 306038

Ion Ratio Lower Upper

93 100

66 45.6 37.5 56.3

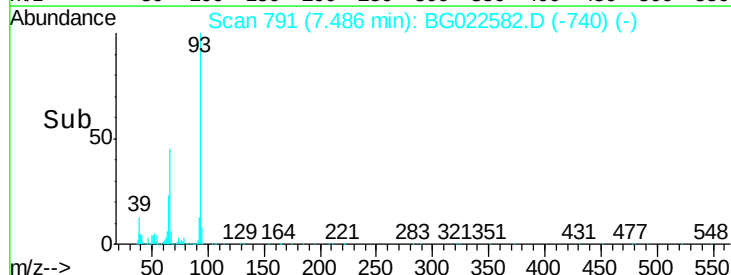
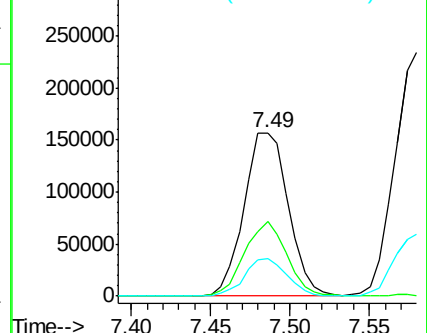
65 22.9 17.9 26.9

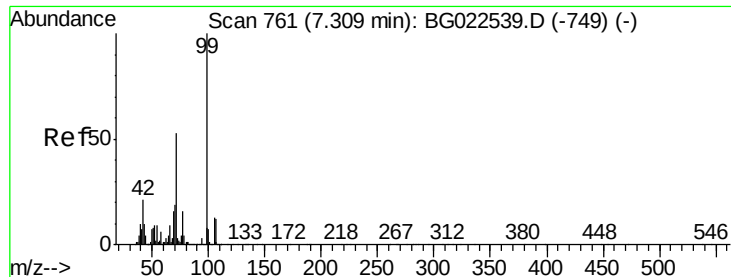


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.41 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

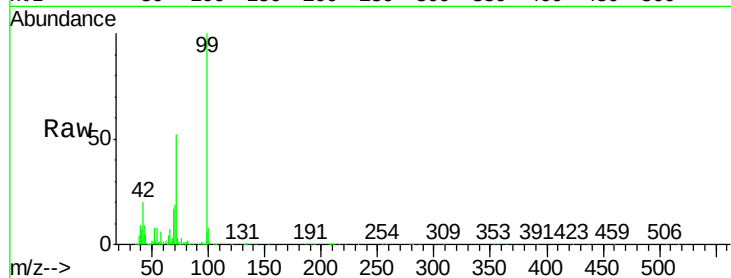
BNA_G

ClientSampleId :

PB91573BS

Tgt Ion: 99 Resp: 1457450

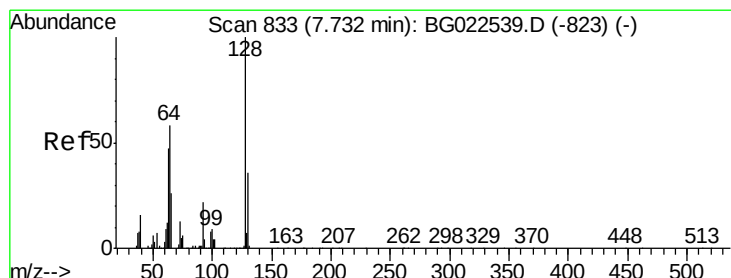
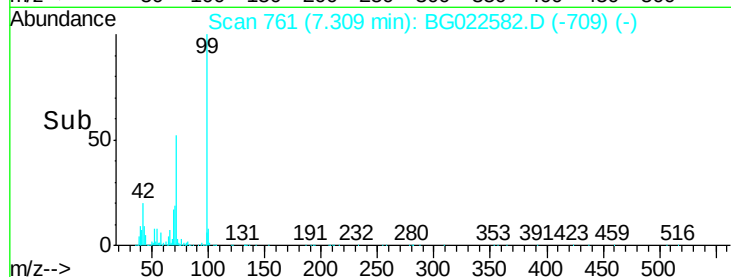
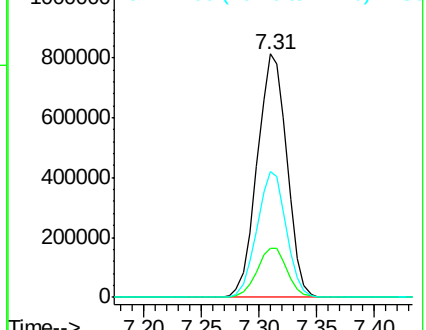
Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	51.7	41.5	62.3



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: 44.49 ng

RT: 7.73 min Scan# 832

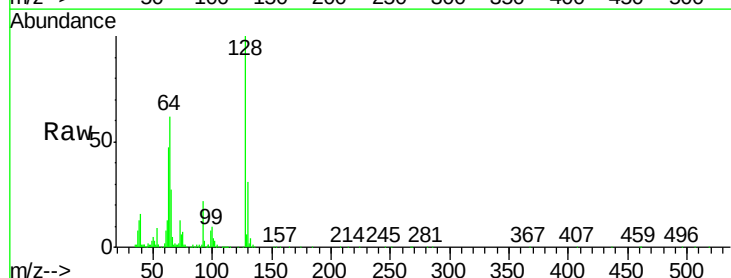
Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Tgt Ion: 128 Resp: 354483

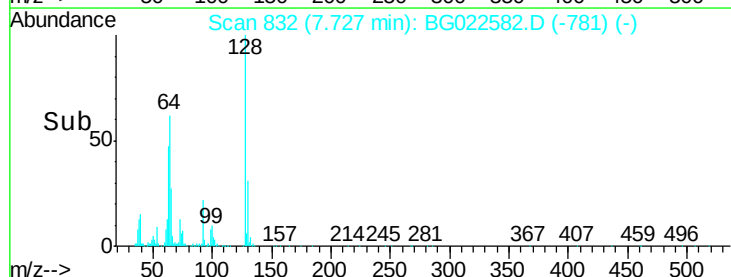
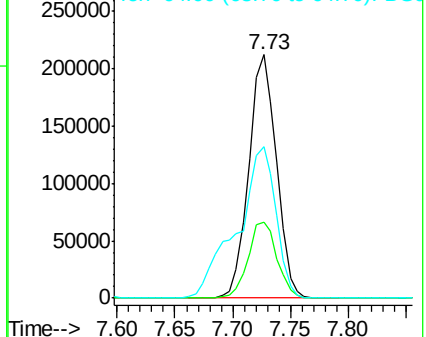
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.9	52.9
64	62.1	42.0	82.0

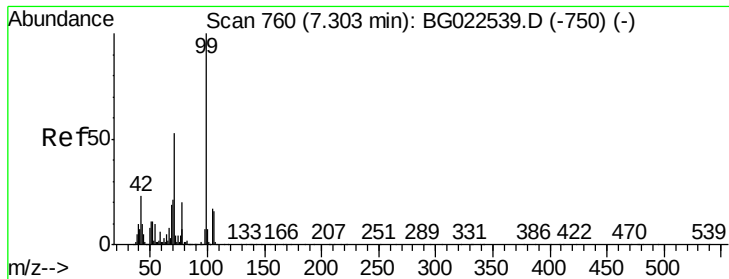


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.40 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

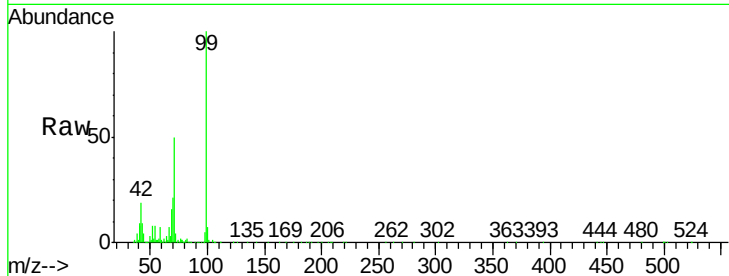
Tgt Ion: 77 Resp: 9151

Ion Ratio Lower Upper

77 100

105 48.1 58.7 98.7#

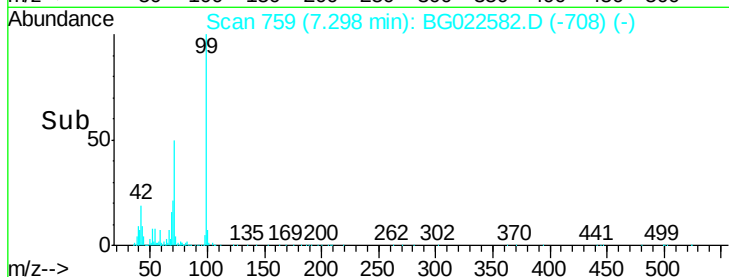
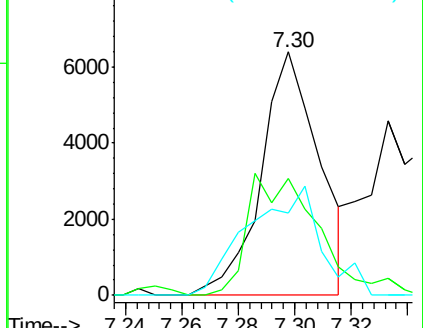
106 33.8 67.5 107.5#



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: 46.16 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

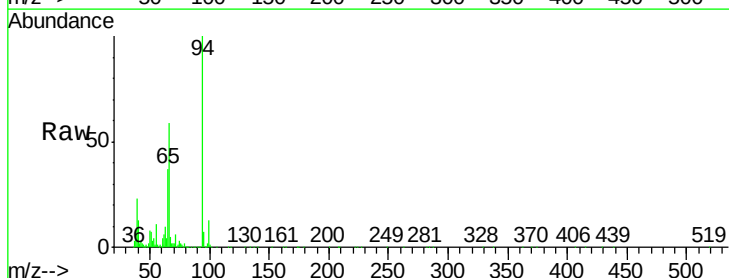
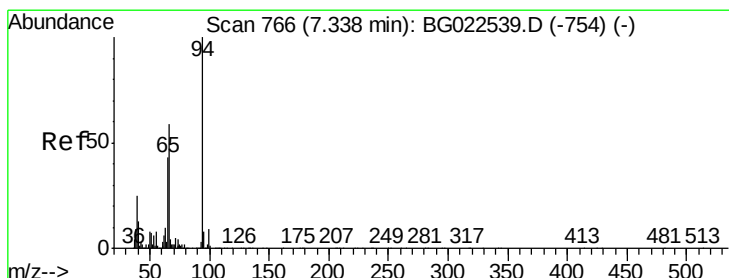
Tgt Ion: 94 Resp: 529013

Ion Ratio Lower Upper

94 100

65 37.4 18.1 58.1

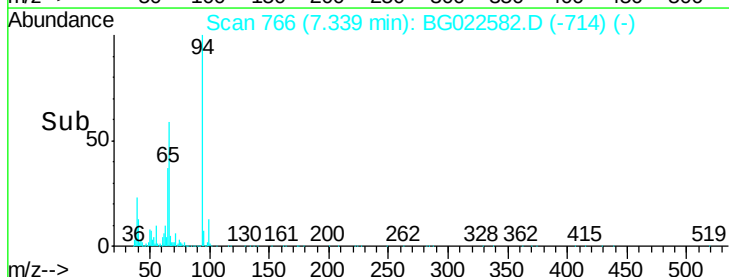
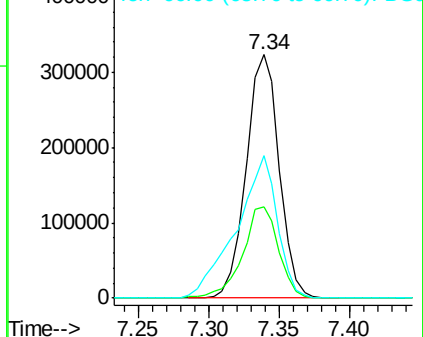
66 58.8 42.1 82.1

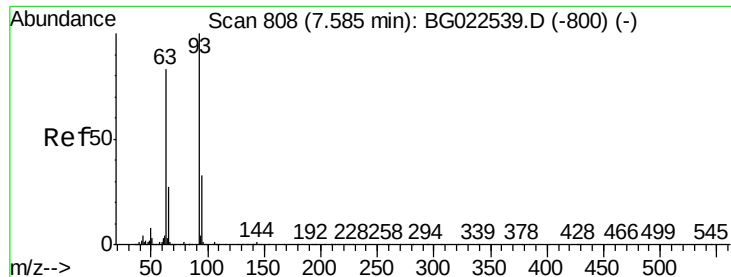


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

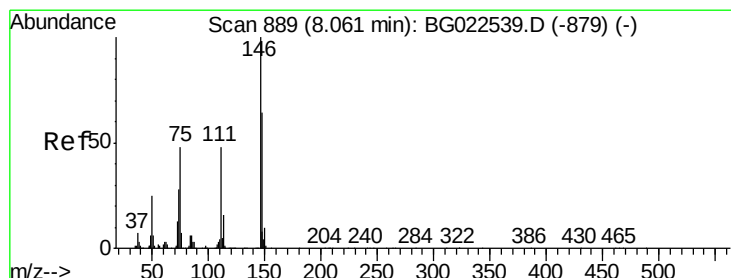
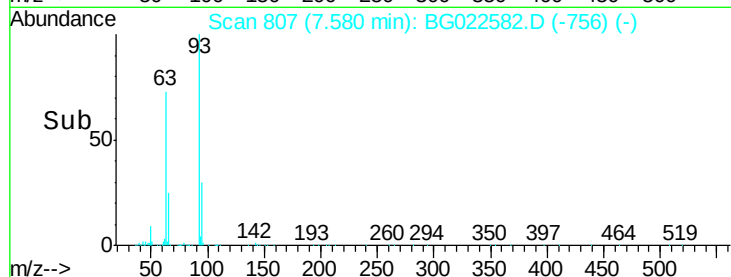
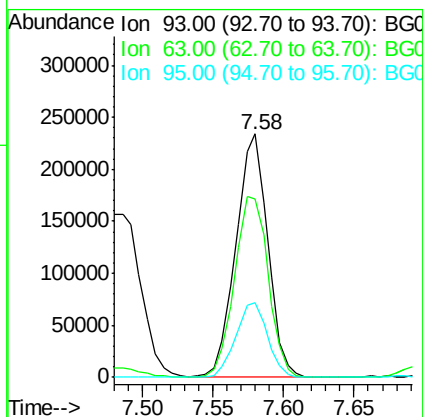
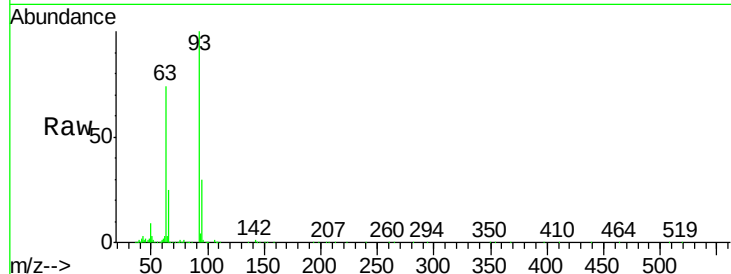




#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

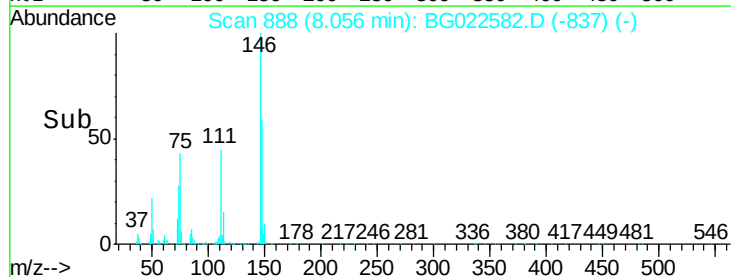
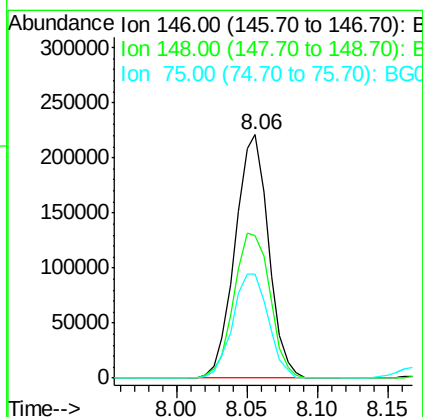
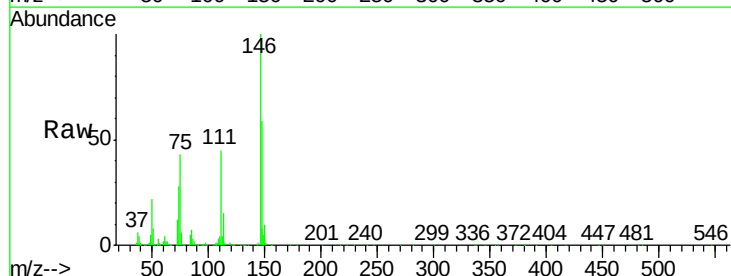
Instrument :
BNA_G
ClientSampleId :
PB91573BS

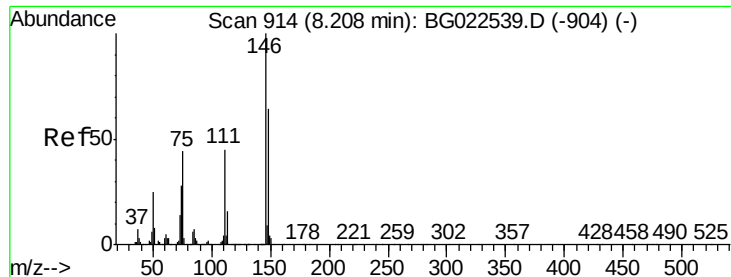
Tgt Ion:	93	Resp:	369189
Ion	Ratio	Lower	Upper
93	100		
63	73.5	55.0	95.0
95	30.4	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.73 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:	146	Resp:	365817
Ion	Ratio	Lower	Upper
146	100		
148	58.6	50.3	75.5
75	42.9	37.0	55.6

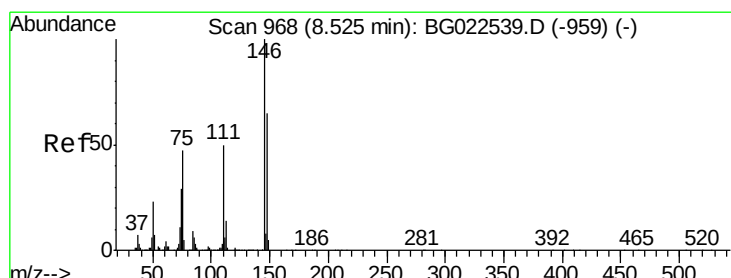
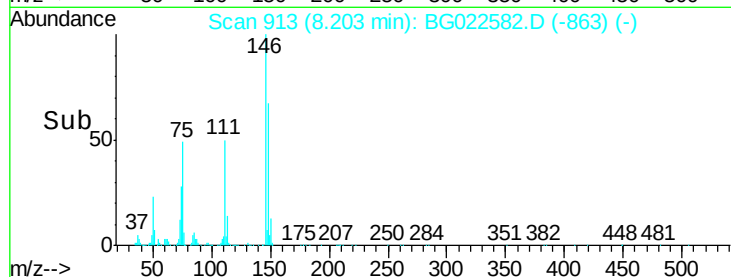
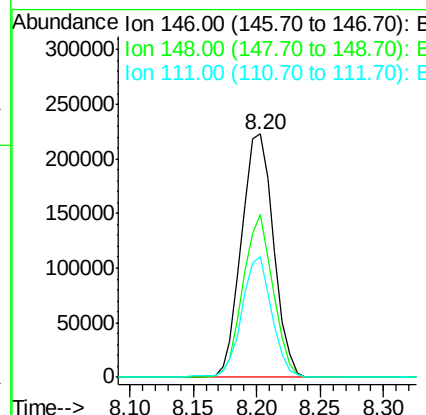
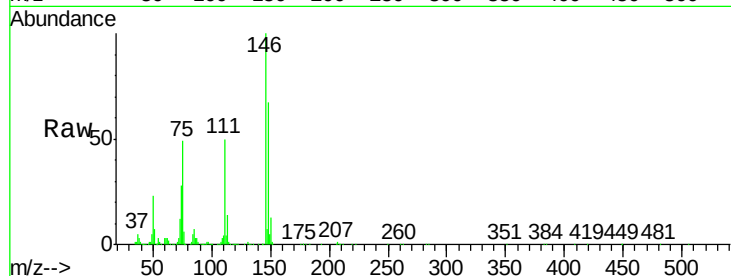




#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

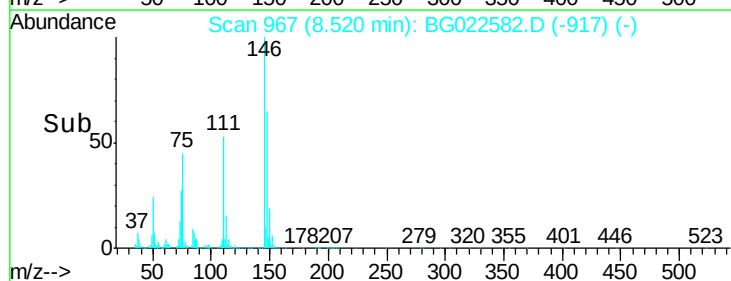
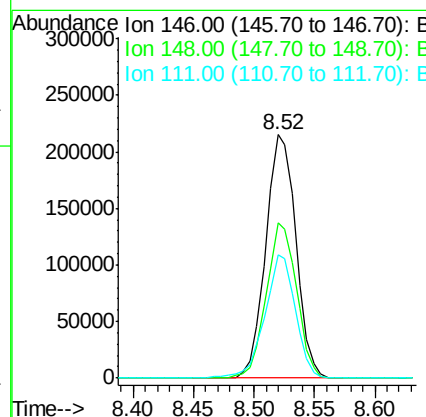
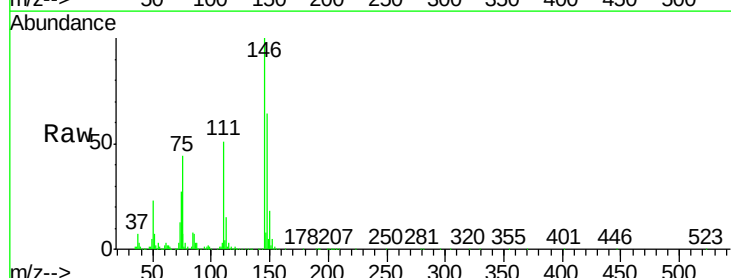
Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

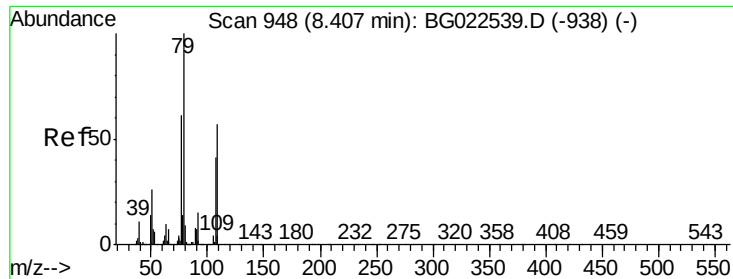
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.5	81.7
111	49.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 40.18 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.9	79.3
111	50.6	43.5	65.3

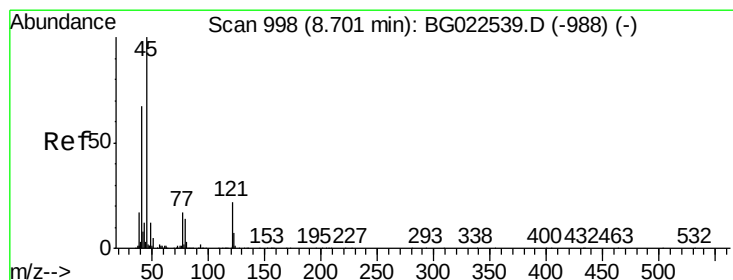
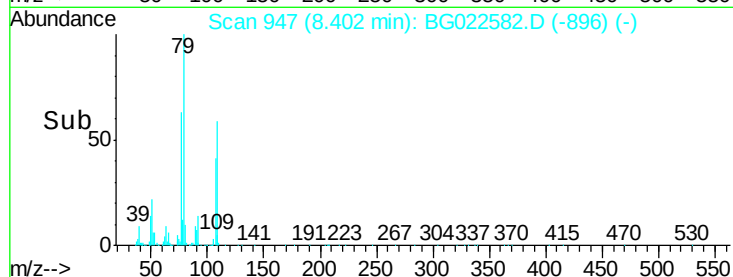
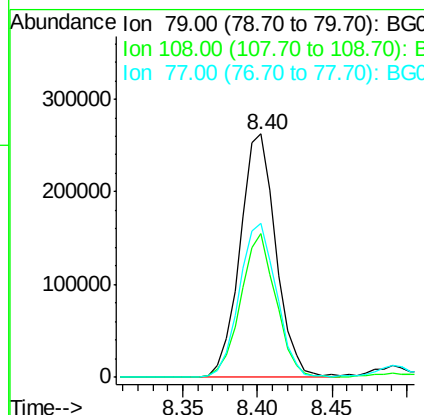
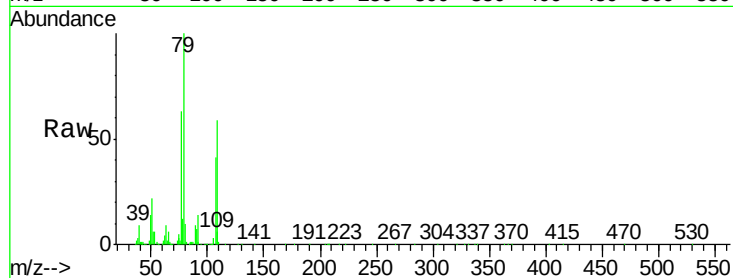




#15
Benzyl Alcohol
Concen: 43.70 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

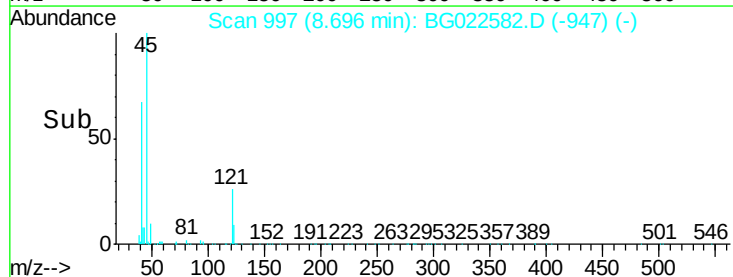
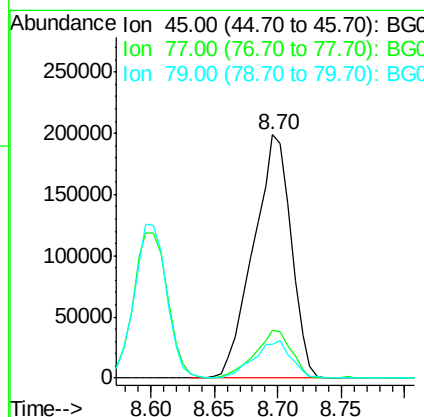
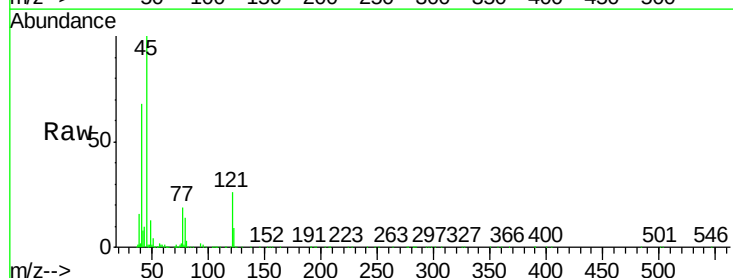
Instrument :
BNA_G
ClientSampleId :
PB91573BS

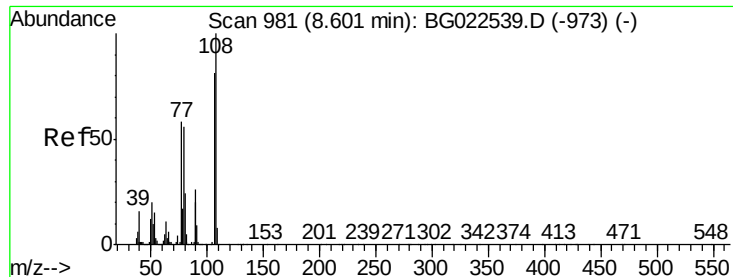
Tgt Ion: 79 Resp: 438440
Ion Ratio Lower Upper
79 100
108 58.9 46.5 69.7
77 63.3 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.33 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion: 45 Resp: 410337
Ion Ratio Lower Upper
45 100
77 19.4 0.6 40.6
79 13.8 0.0 36.2

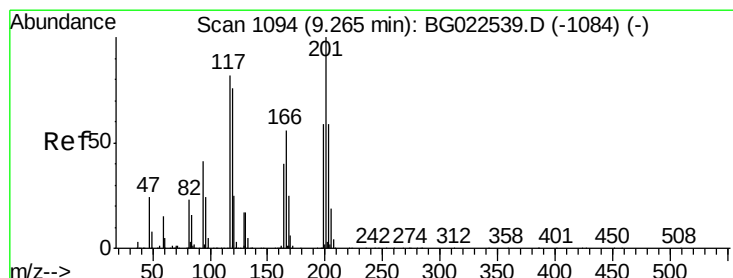
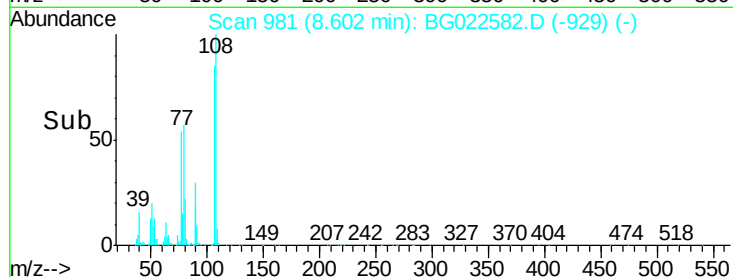
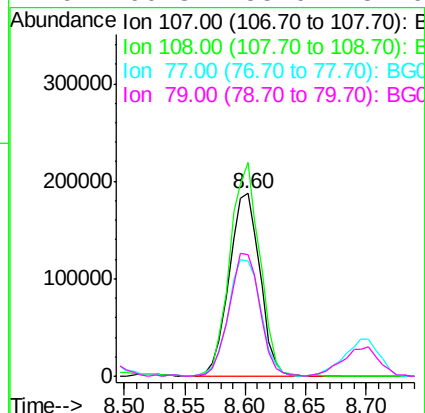
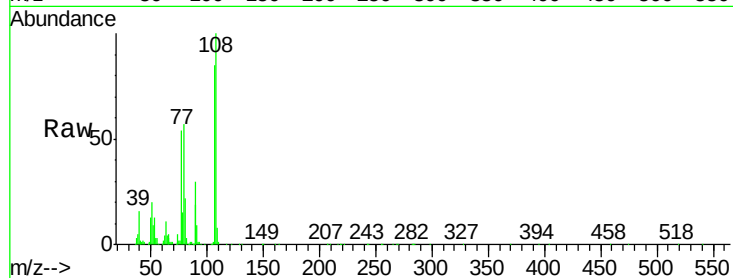




#17
2-Methylphenol
Concen: 44.07 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

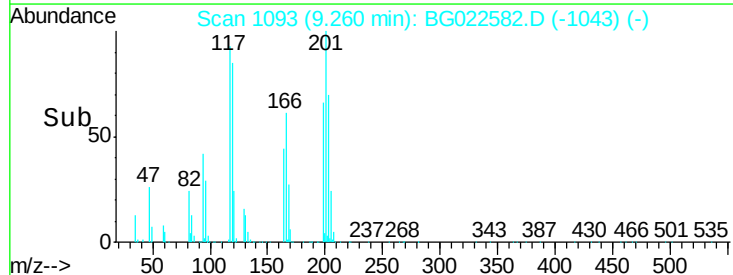
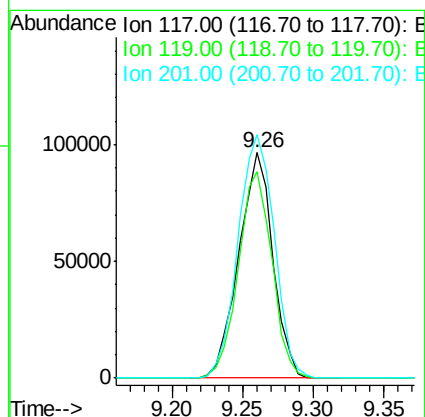
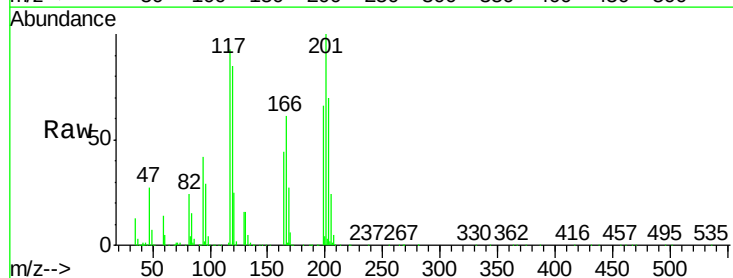
Instrument :
BNA_G
ClientSampleId :
PB91573BS

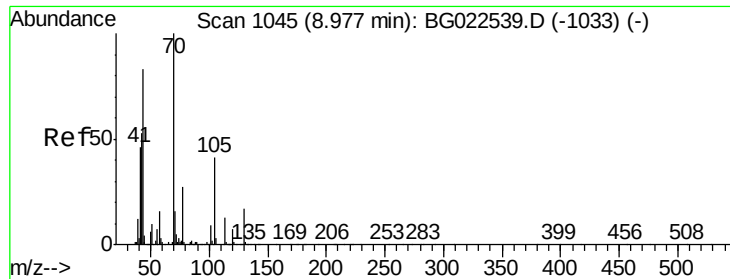
Tgt Ion:	107	Resp:	332888
Ion	Ratio	Lower	Upper
107	100		
108	117.0	92.0	138.0
77	63.2	55.8	83.6
79	66.8	55.0	82.6



#18
Hexachloroethane
Concen: 40.49 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:	117	Resp:	162916
Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.7	110.5
201	108.1	88.7	133.1

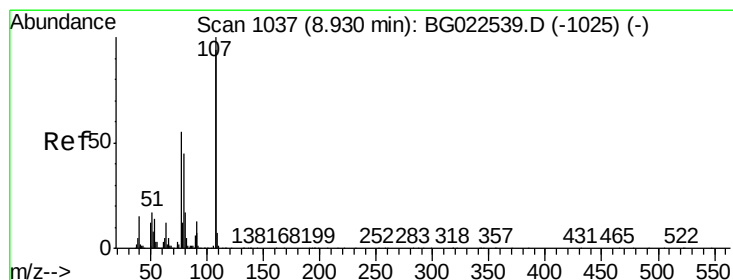
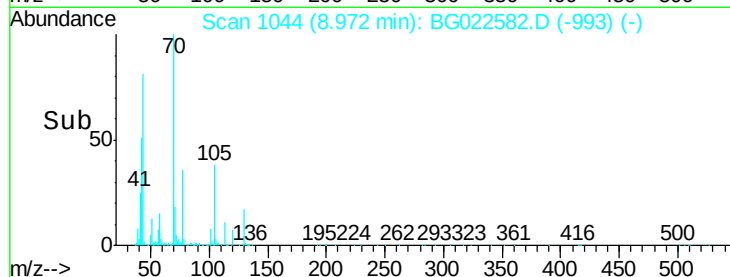
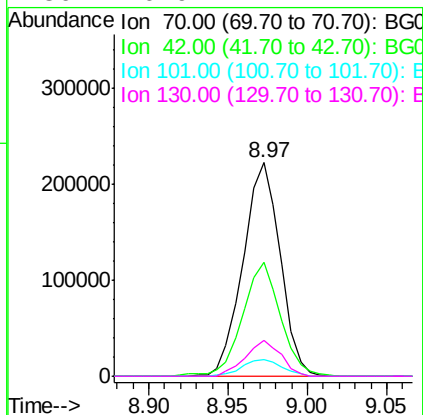
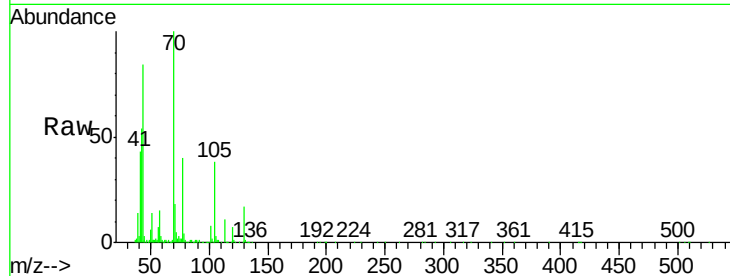




#19
n-Nitroso-di-n-propylamine
Concen: 40.25 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

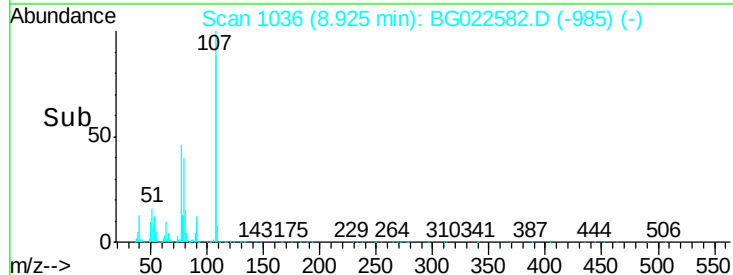
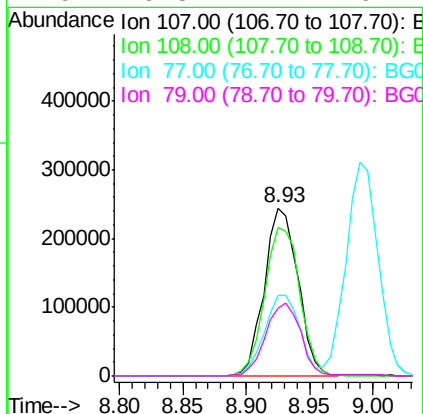
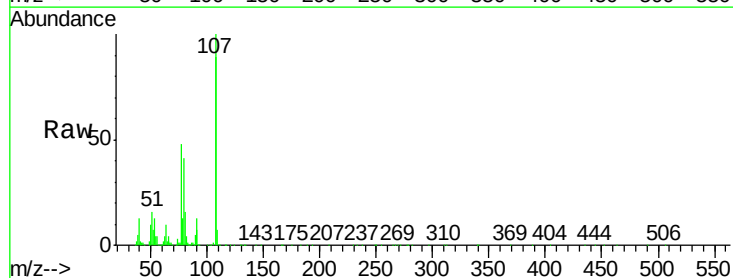
Instrument :
BNA_G
ClientSampleId :
PB91573BS

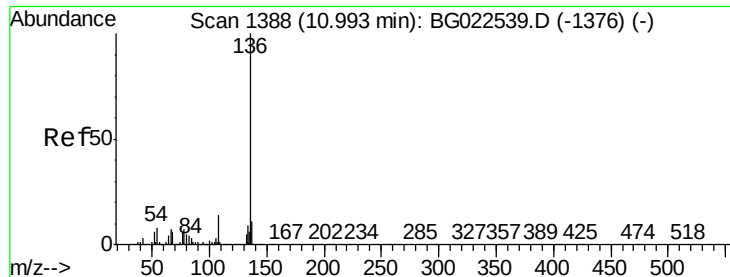
Tgt Ion:	70	Resp:	363504
Ion	Ratio	Lower	Upper
70	100		
42	53.6	42.1	63.1
101	8.0	7.2	10.8
130	16.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 43.51 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:	107	Resp:	452730
Ion	Ratio	Lower	Upper
107	100		
108	88.8	72.5	112.5
77	48.2	30.1	70.1
79	40.8	24.2	64.2

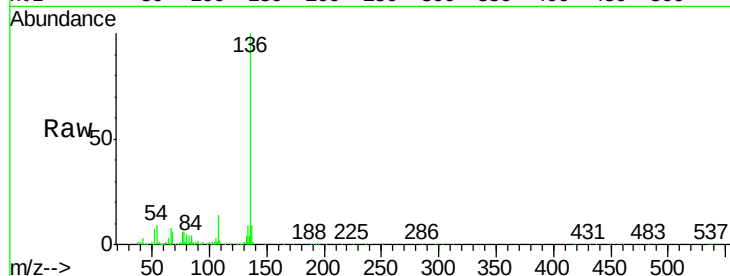




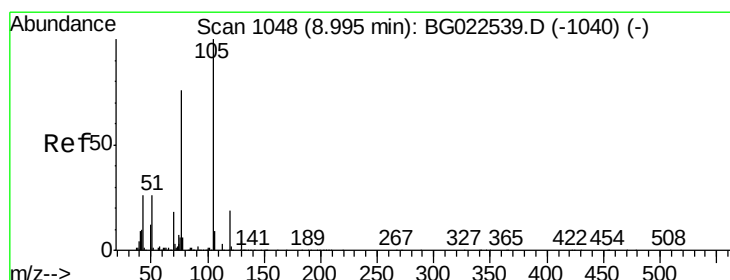
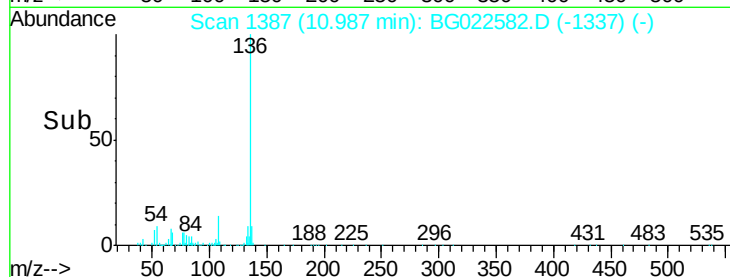
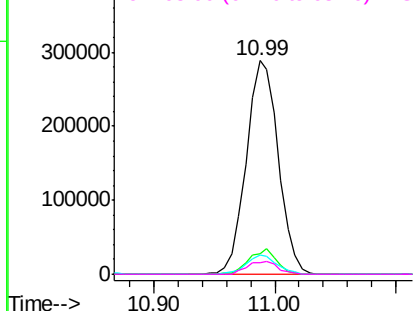
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Instrument :
BNA_G
ClientSampleId :
PB91573BS

Tgt Ion:	136	Resp:	532288
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.6	14.4#
54	9.2	7.3	10.9
68	5.6	5.3	7.9

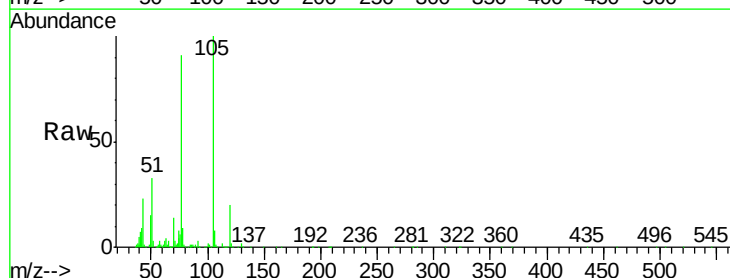


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

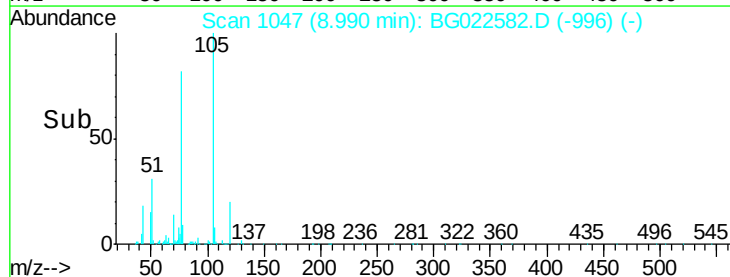
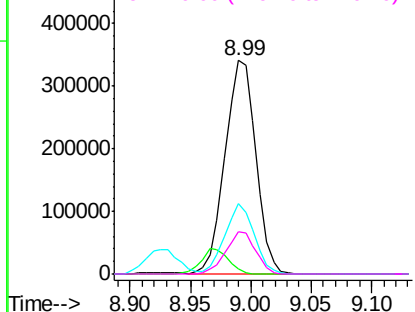


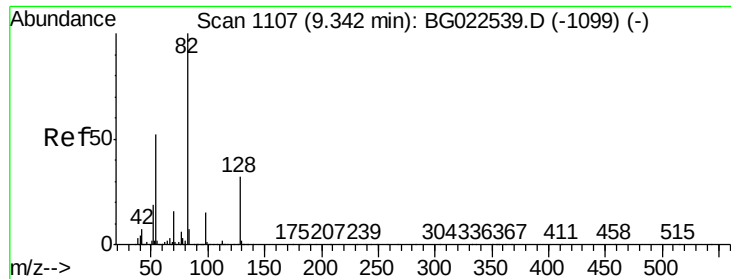
#22
Acetophenone
Concen: 39.36 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:	105	Resp:	605607
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.6	3.8
51	32.9	27.1	40.7
120	20.1	15.1	22.7



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

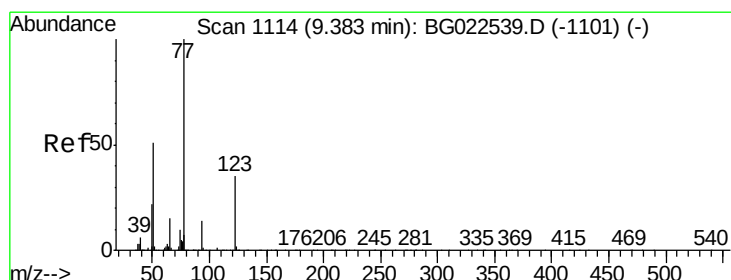
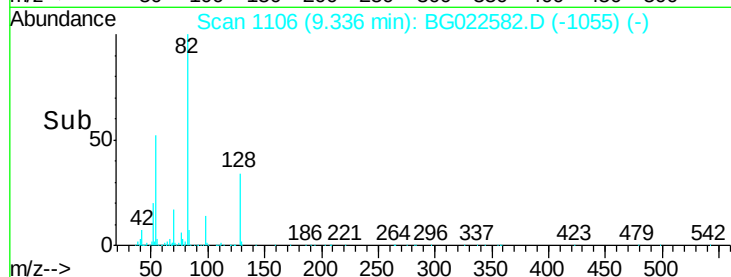
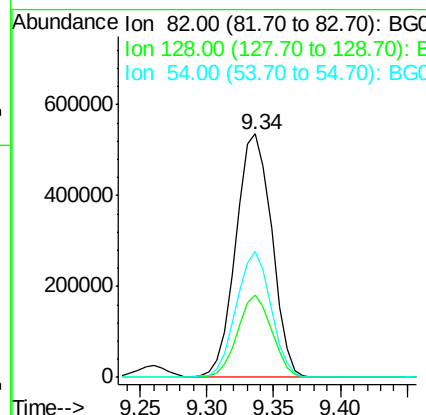
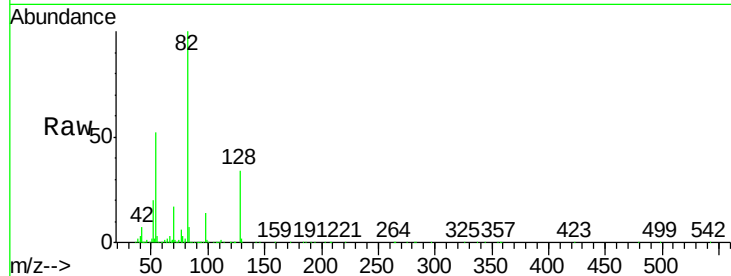




#23
 Nitrobenzene-d5
 Concen: 79.68 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

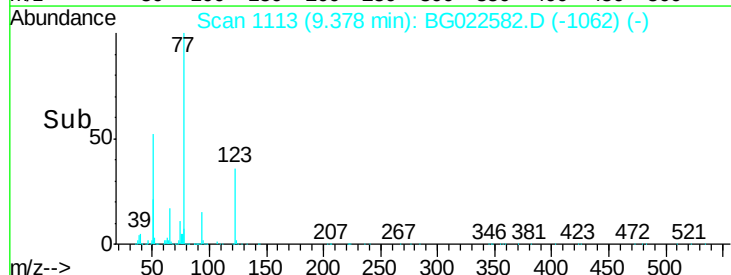
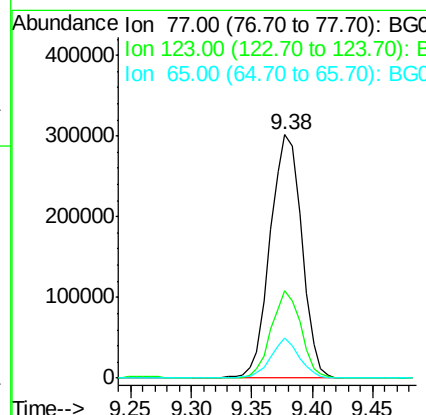
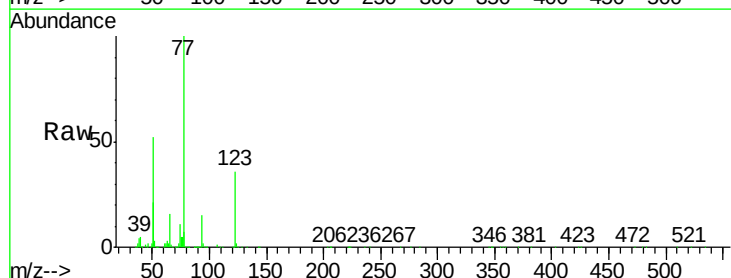
Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

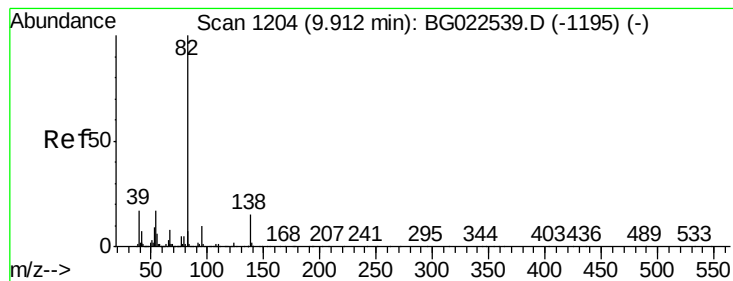
Tgt Ion: 82 Resp: 1002099
 Ion Ratio Lower Upper
 82 100
 128 33.9 24.4 36.6
 54 51.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 39.24 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion: 77 Resp: 545397
 Ion Ratio Lower Upper
 77 100
 123 36.0 25.0 37.6
 65 16.5 13.4 20.0





#25

Isophorone

Concen: 38.71 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

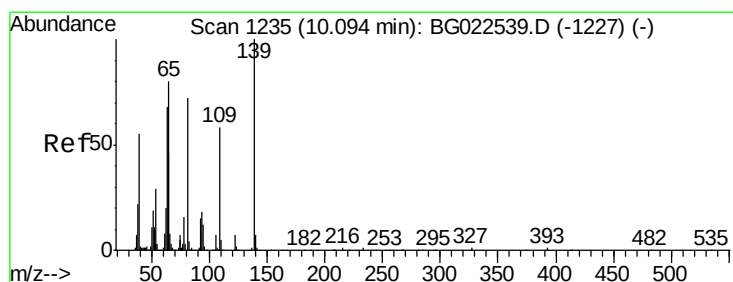
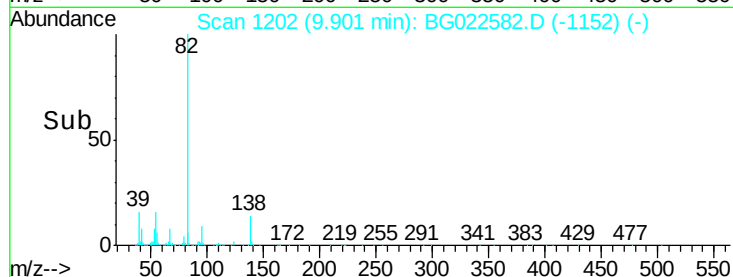
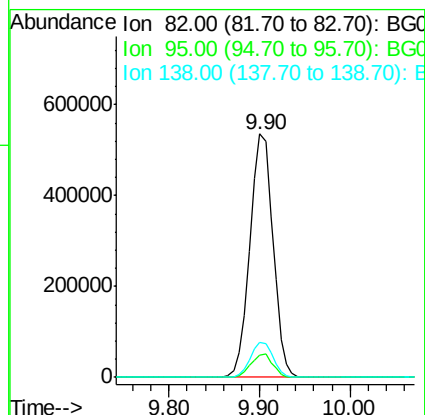
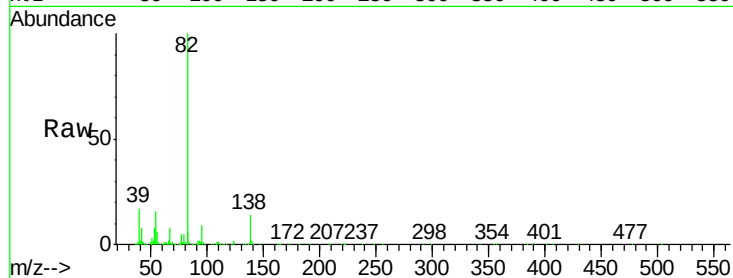
Tgt Ion: 82 Resp: 945110

Ion Ratio Lower Upper

82 100

95 9.3 8.2 12.2

138 14.4 10.7 16.1



#26

2-Nitrophenol

Concen: 42.32 ng

RT: 10.09 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

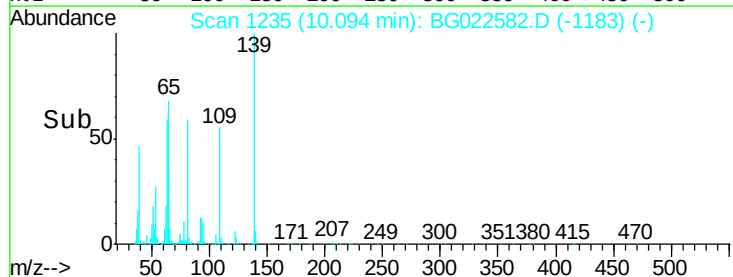
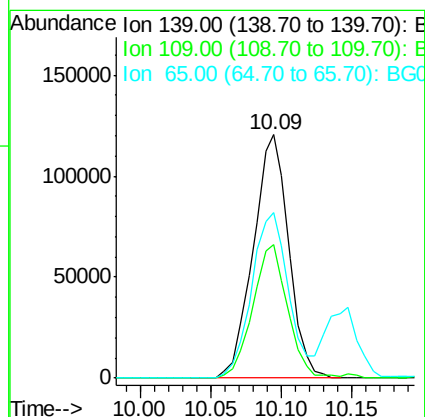
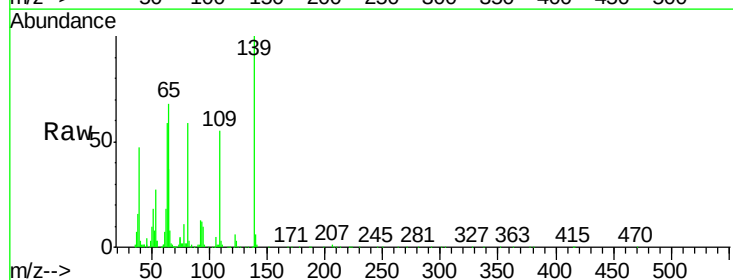
Tgt Ion: 139 Resp: 211901

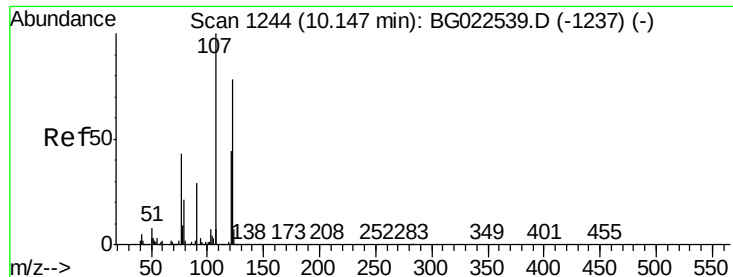
Ion Ratio Lower Upper

139 100

109 54.9 43.5 65.3

65 68.2 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 39.28 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

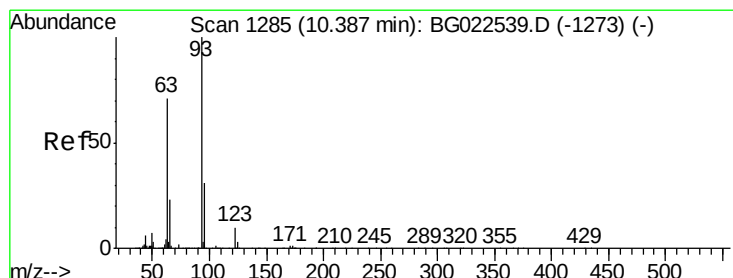
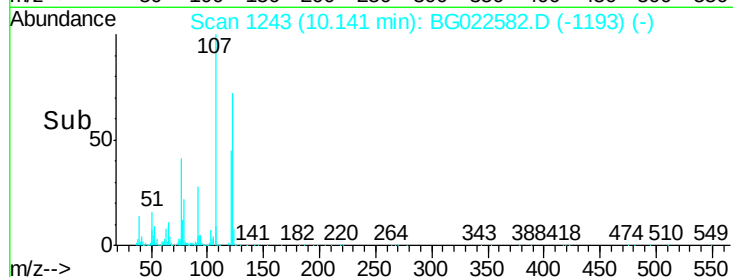
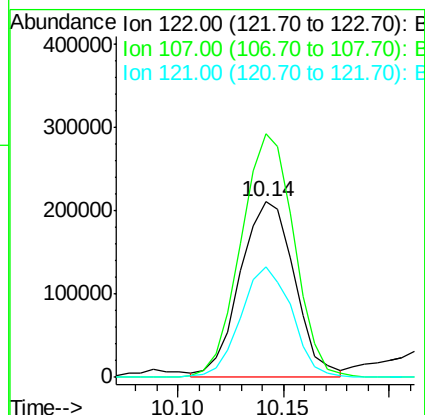
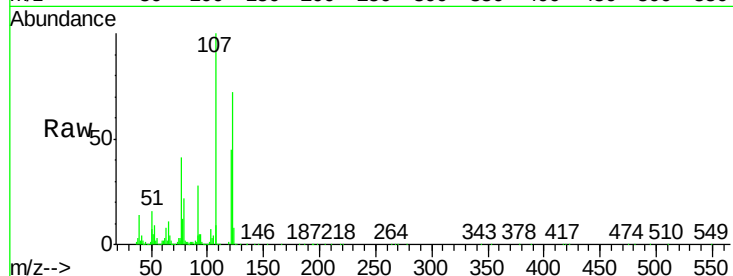
Tgt Ion: 122 Resp: 375751

Ion Ratio Lower Upper

122 100

107 138.8 117.0 175.4

121 62.9 50.1 75.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.22 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

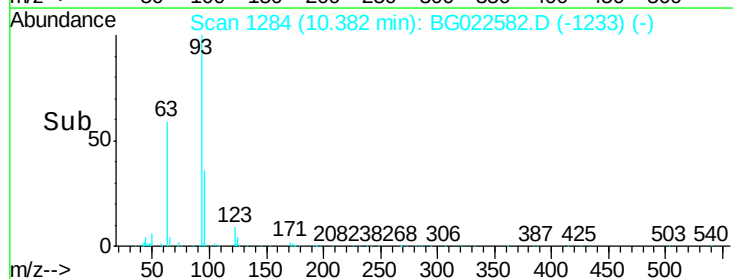
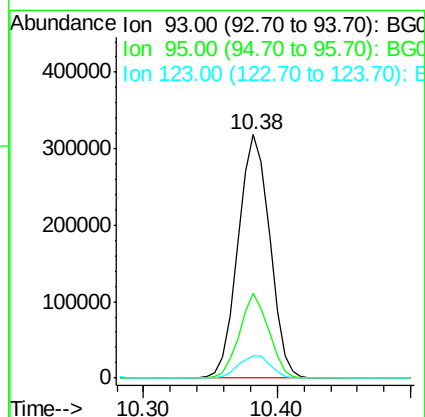
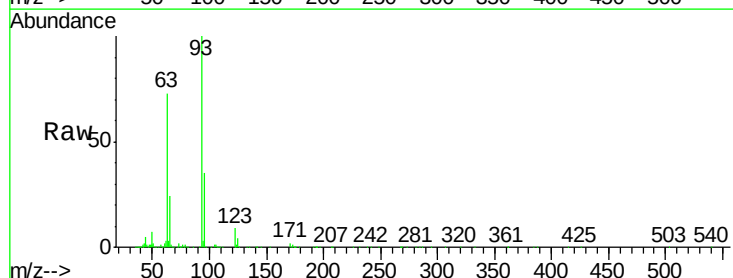
Tgt Ion: 93 Resp: 522803

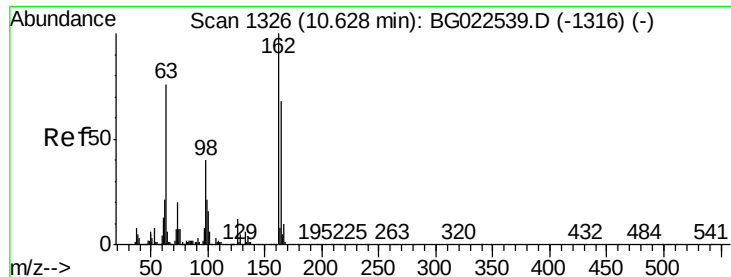
Ion Ratio Lower Upper

93 100

95 34.8 25.4 38.2

123 9.1 8.2 12.2

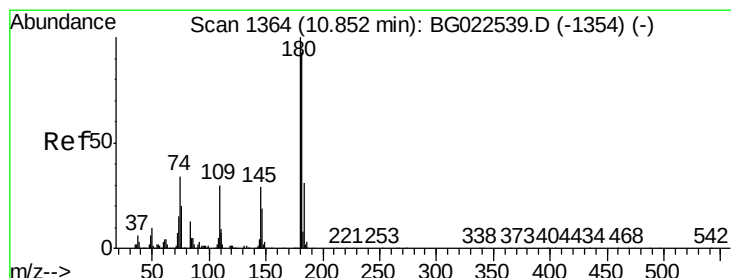
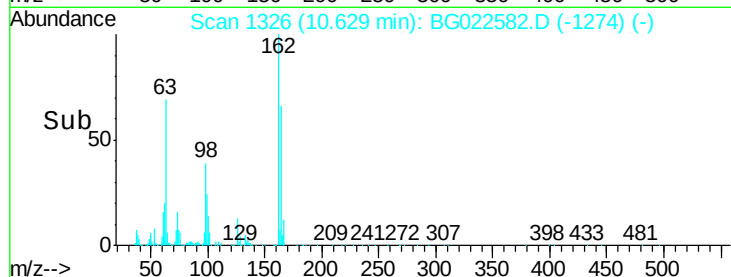
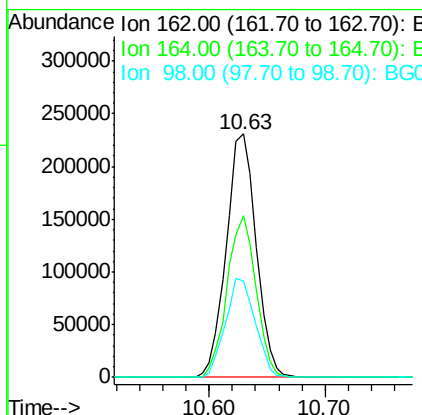
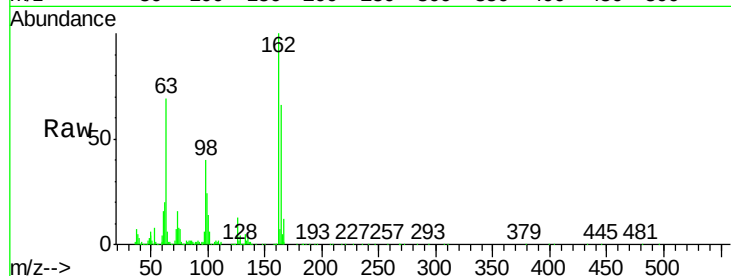




#29
2,4-Dichlorophenol
Concen: 44.58 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

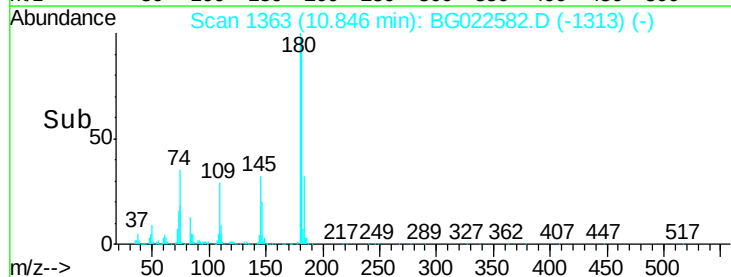
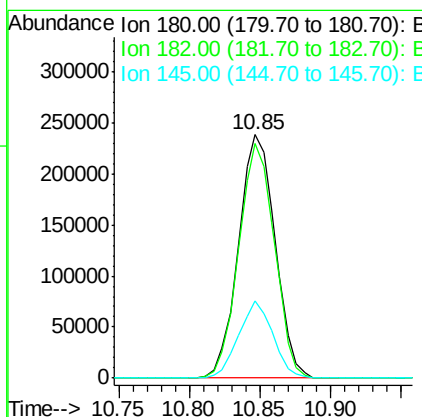
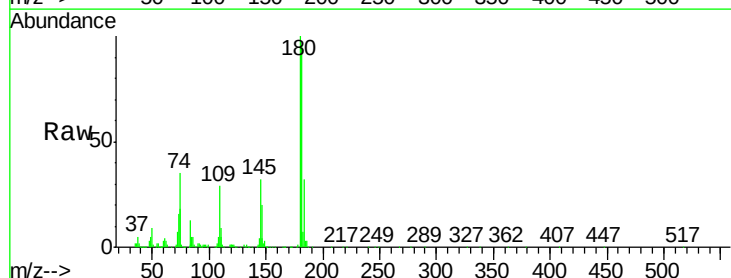
Instrument :
BNA_G
ClientSampleId :
PB91573BS

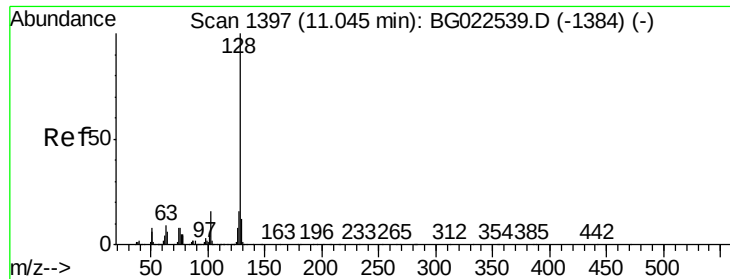
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.3	84.3
98	39.6	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.97 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	73.8	110.8
145	31.6	24.4	36.6

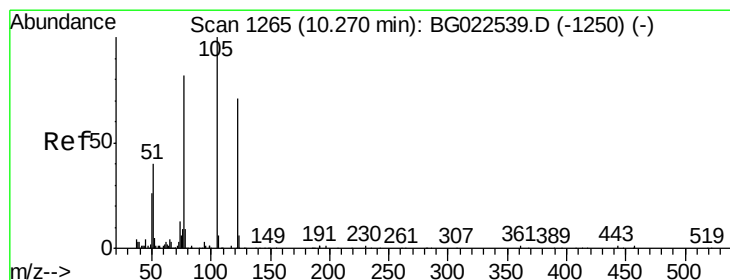
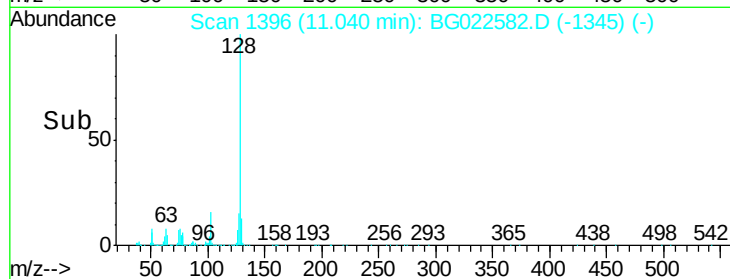
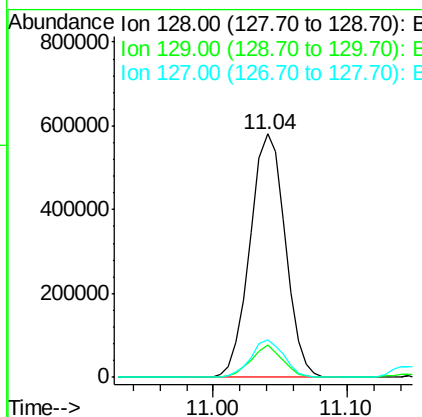
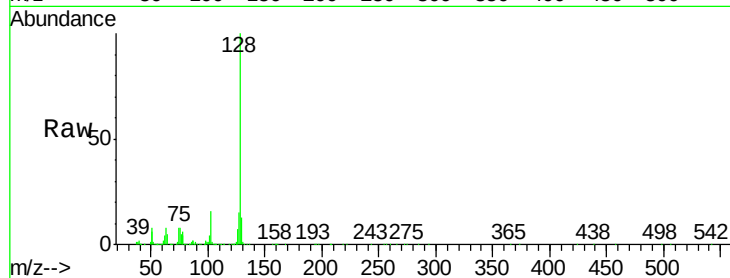




#31
Naphthalene
Concen: 39.50 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

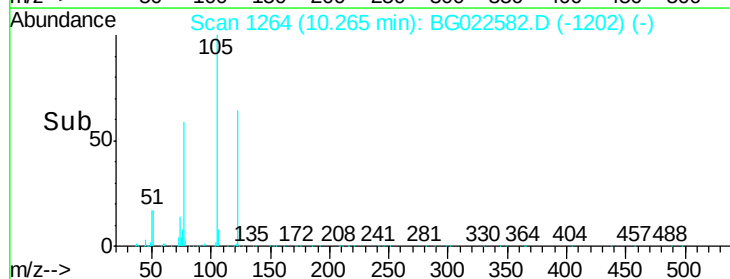
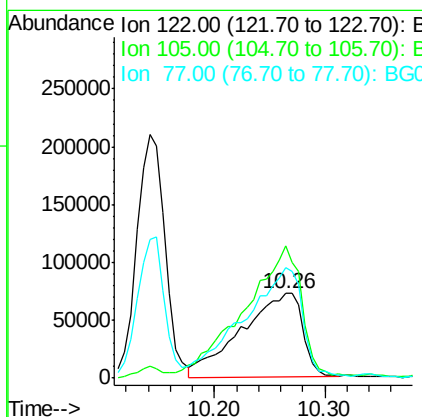
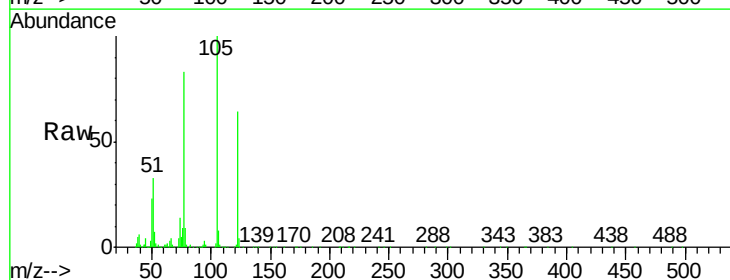
Instrument :
BNA_G
ClientSampleId :
PB91573BS

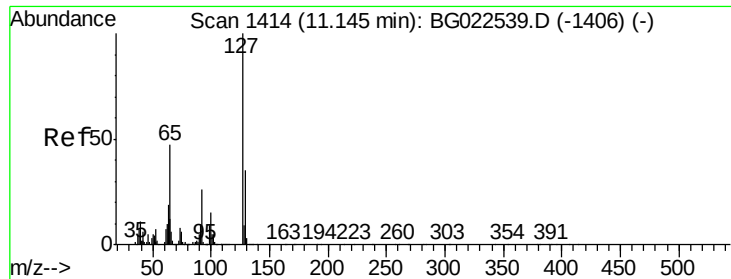
Tgt Ion:128 Resp: 1056969
Ion Ratio Lower Upper
128 100
129 13.1 9.4 14.0
127 15.4 11.3 16.9



#32
Benzoic acid
Concen: 44.63 ng
RT: 10.26 min Scan# 1264
Delta R.T. 0.06 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:122 Resp: 276593
Ion Ratio Lower Upper
122 100
105 156.4 117.2 157.2
77 129.8 109.2 149.2

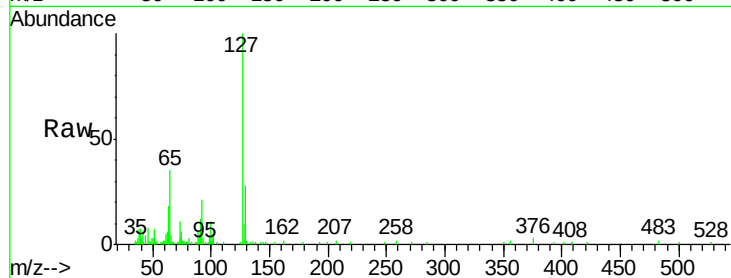




#33
4-Chloroaniline
Concen: 4.57 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Instrument :
BNA_G
ClientSampleId :
PB91573BS

Tgt Ion:	127	Resp:	52695
Ion	Ratio	Lower	Upper
127	100		
129	28.0	27.9	41.9
65	34.6	36.8	55.2#
92	20.7	21.0	31.6#



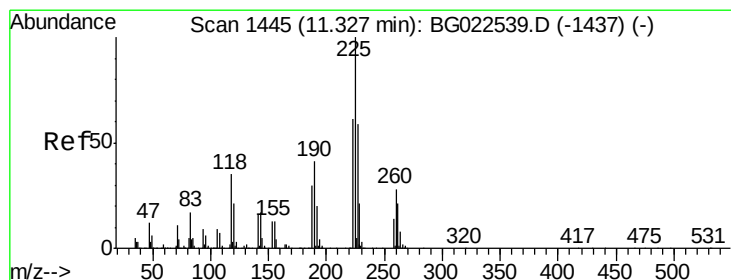
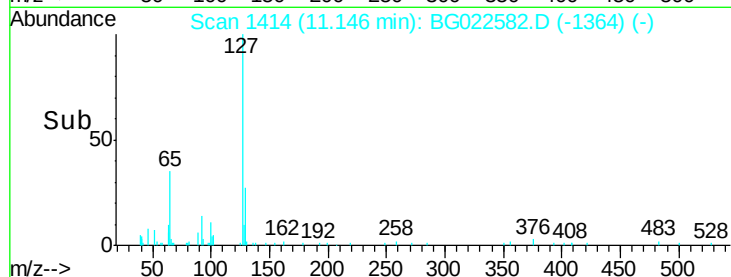
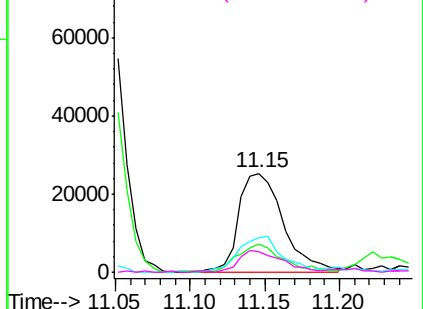
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

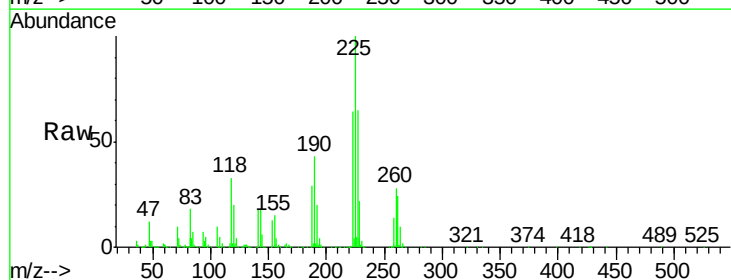
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.98 ng
RT: 11.32 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:	225	Resp:	335254
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	65.3	54.5	81.7

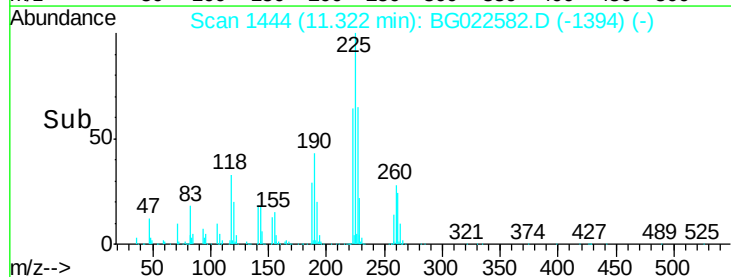
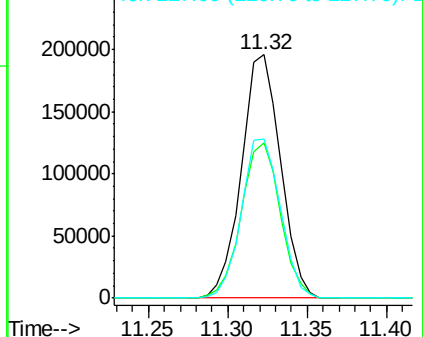


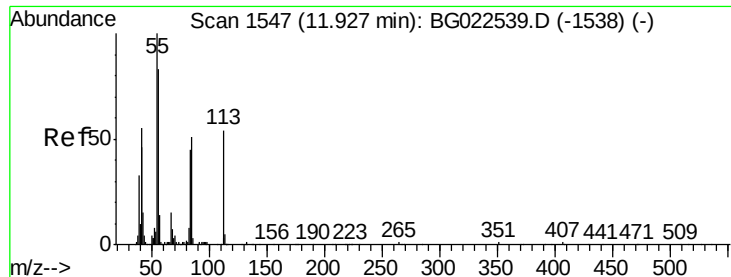
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.20 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

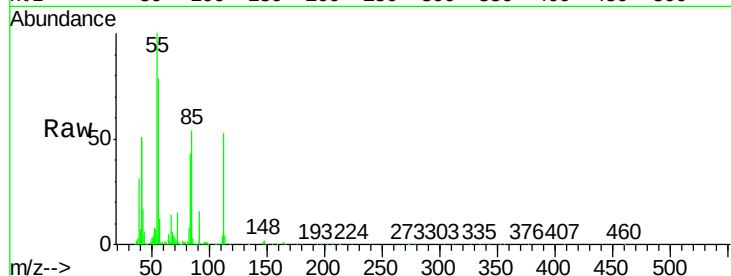
Tgt Ion:113 Resp: 94546

Ion Ratio Lower Upper

113 100

55 187.1 154.5 194.5

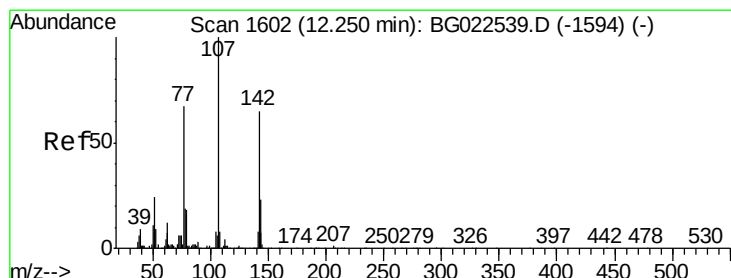
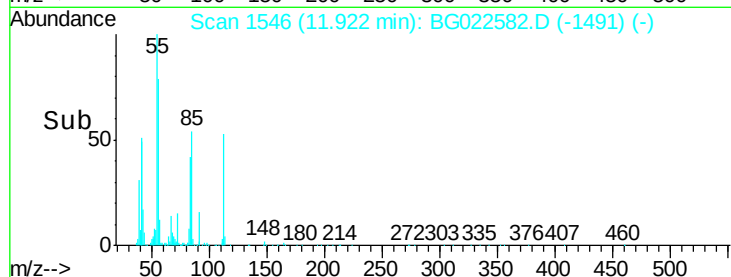
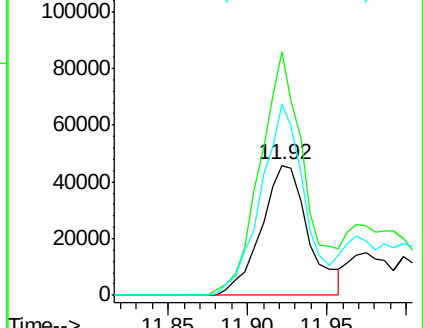
56 147.1 125.1 165.1



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: 44.69 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

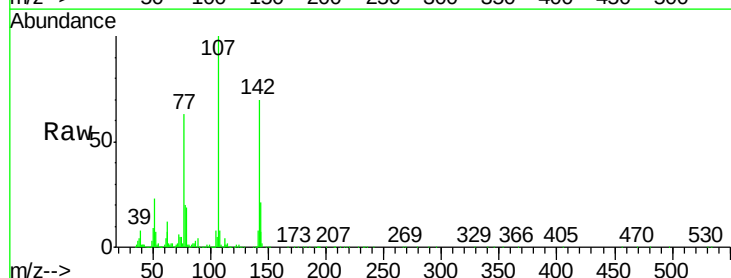
Tgt Ion:107 Resp: 511256

Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

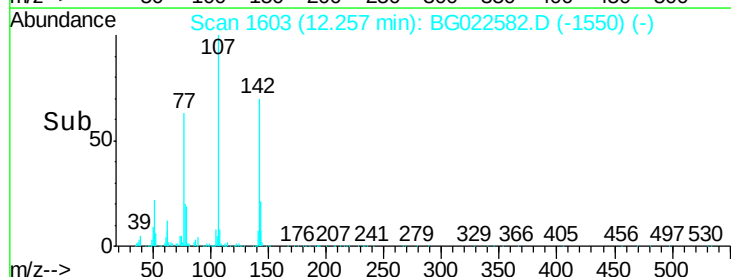
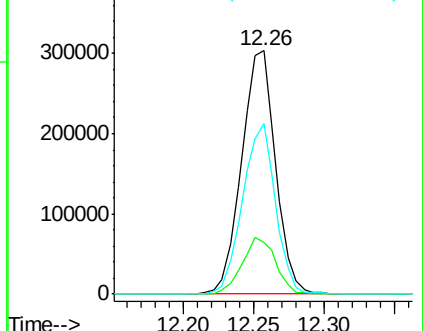
142 70.4 53.0 79.6

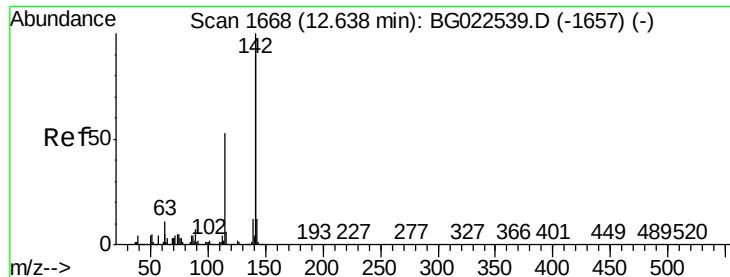


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

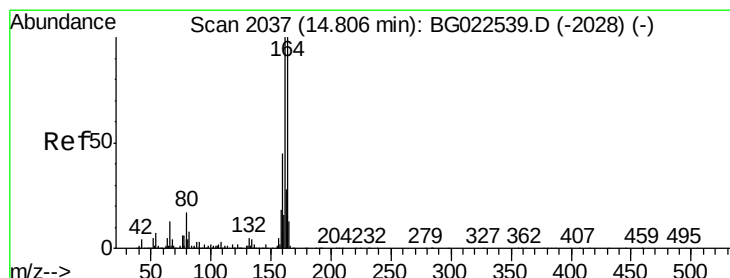
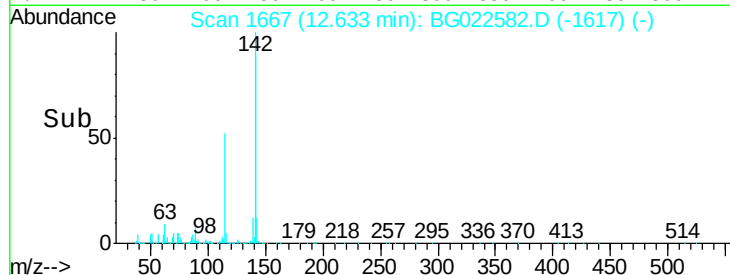
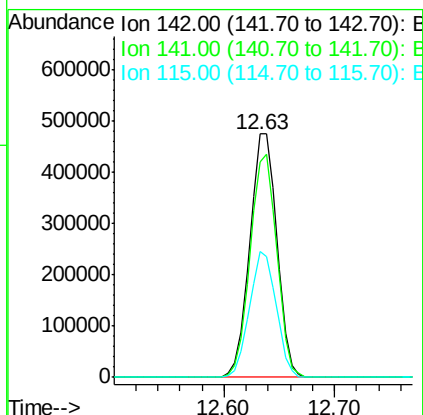
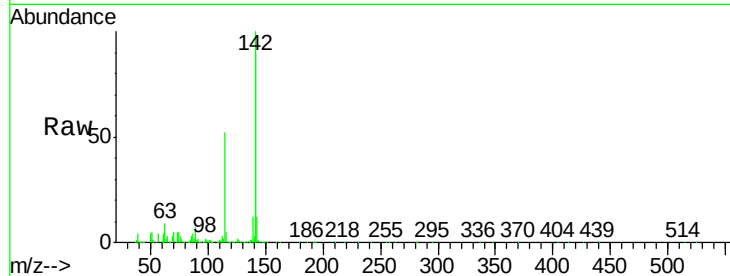




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

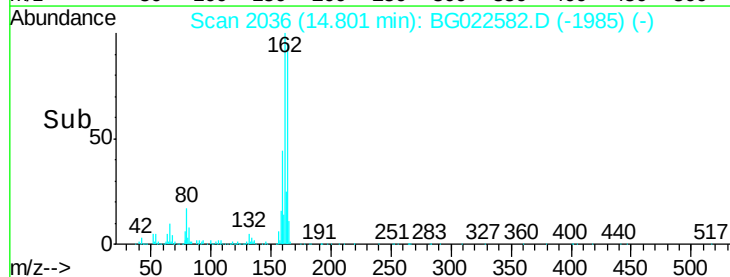
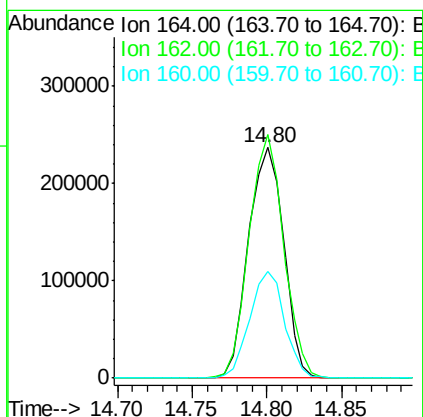
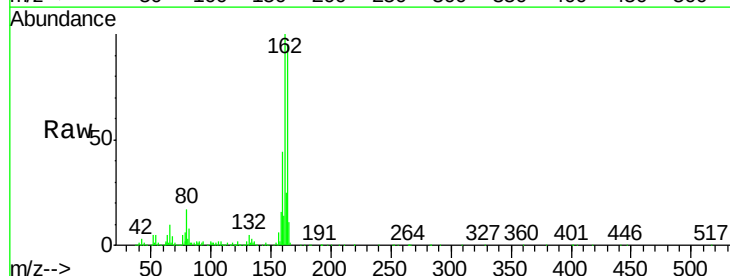
Instrument :
BNA_G
ClientSampleId :
PB91573BS

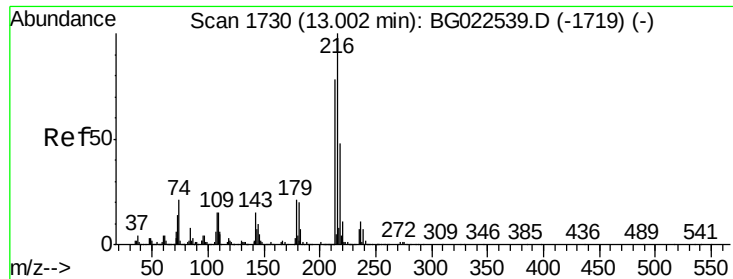
Tgt Ion:142 Resp: 824288
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.2
115 51.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:164 Resp: 386391
Ion Ratio Lower Upper
164 100
162 105.7 87.7 131.5
160 46.3 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.05 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

Tgt Ion:216 Resp: 555036

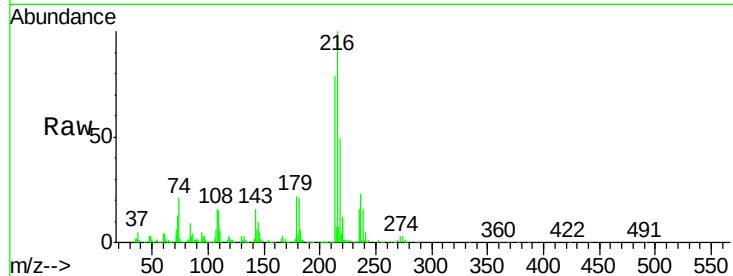
Ion Ratio Lower Upper

216 100

214 79.5 62.9 94.3

179 21.4 17.2 25.8

108 20.5 16.3 24.5

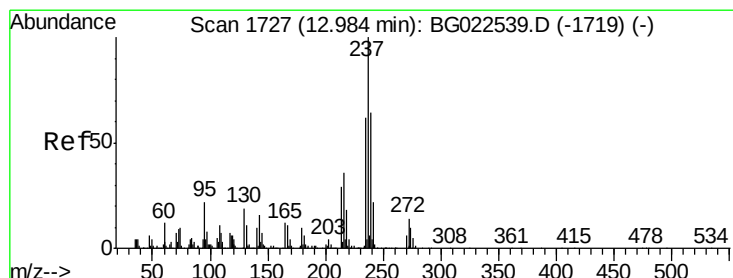
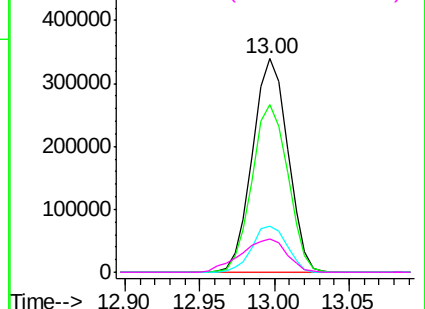
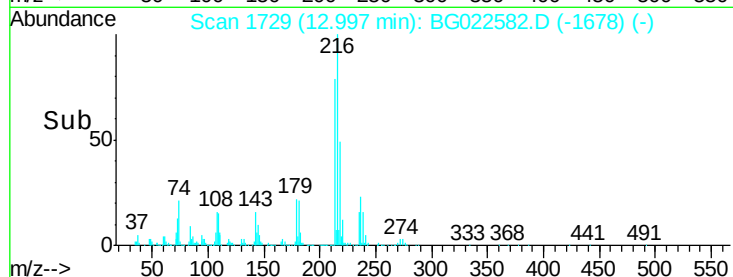


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.34 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

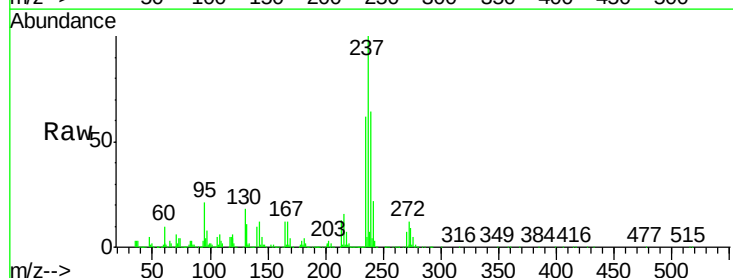
Tgt Ion:237 Resp: 830781

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

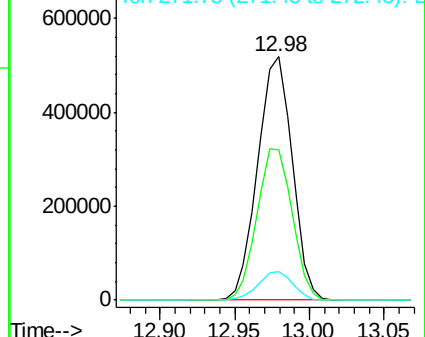
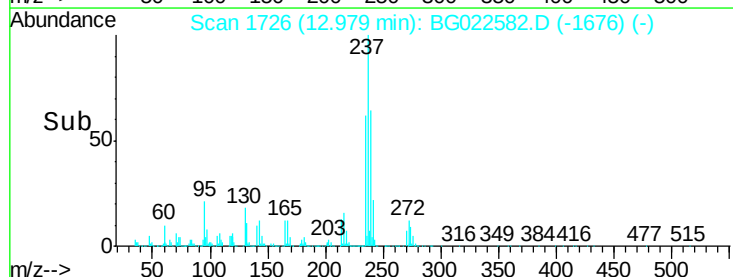
272 11.8 0.0 30.9

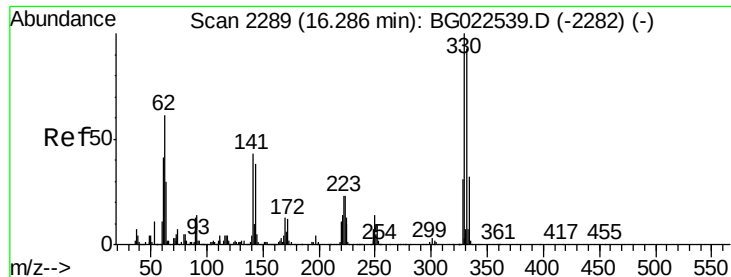


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

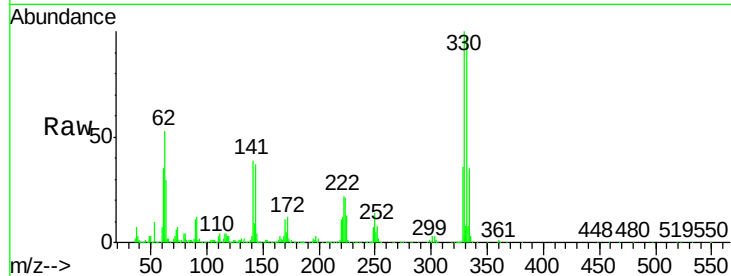




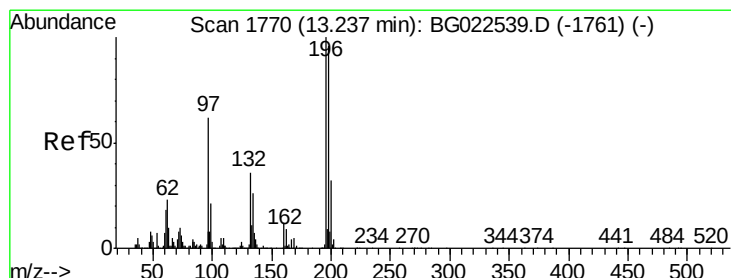
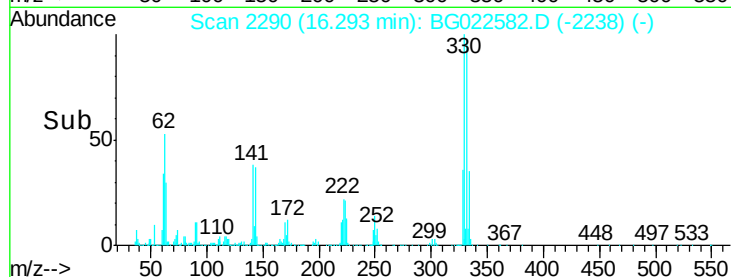
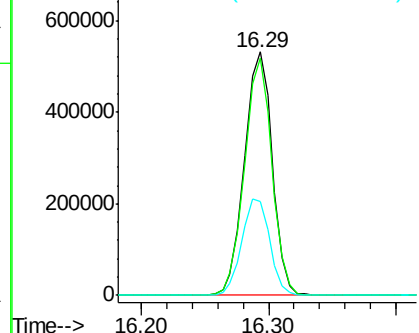
#41
 2,4,6-Tribromophenol
 Concen: 133.15 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

Tgt Ion:330 Resp: 809186
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 39.8 31.7 47.5

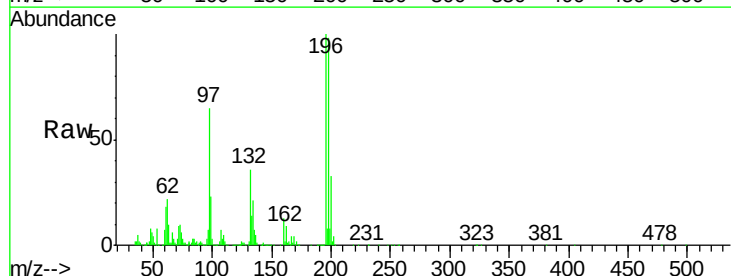


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

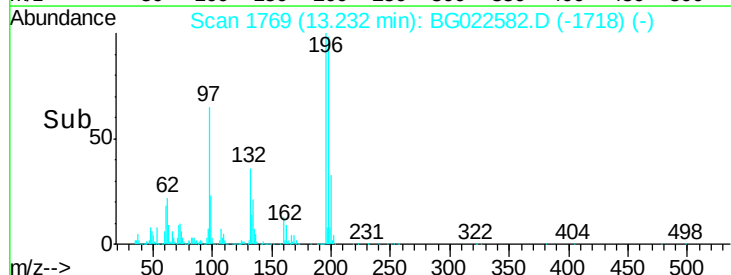
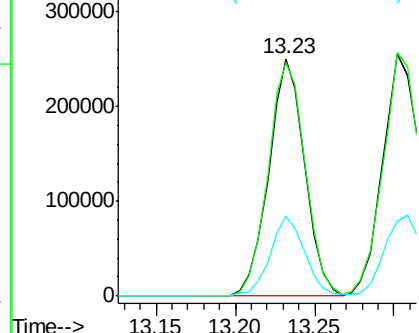


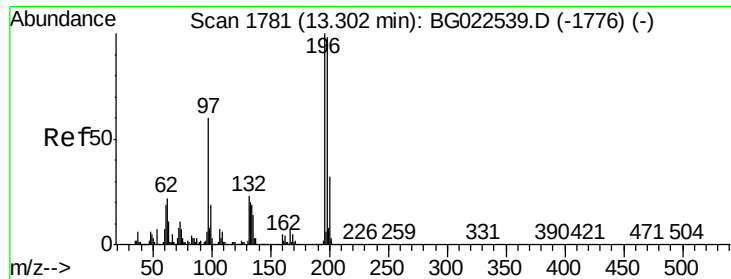
#42
 2,4,6-Trichlorophenol
 Concen: 41.97 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion:196 Resp: 392622
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.2 117.2
 200 33.4 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

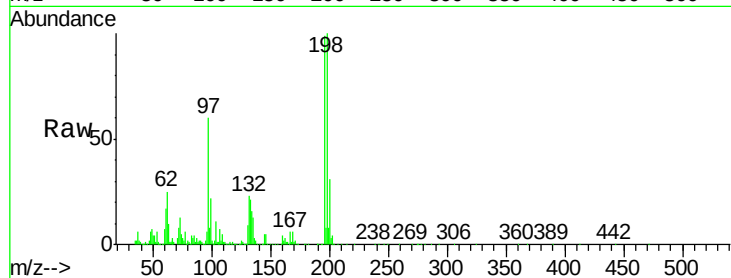




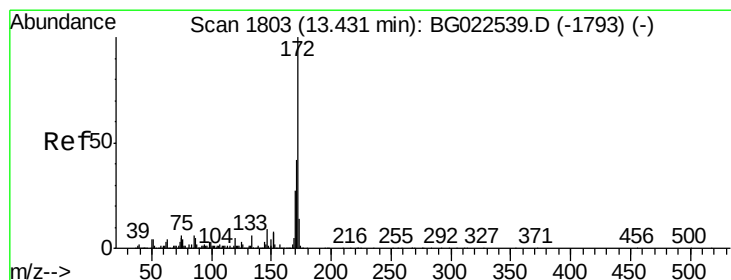
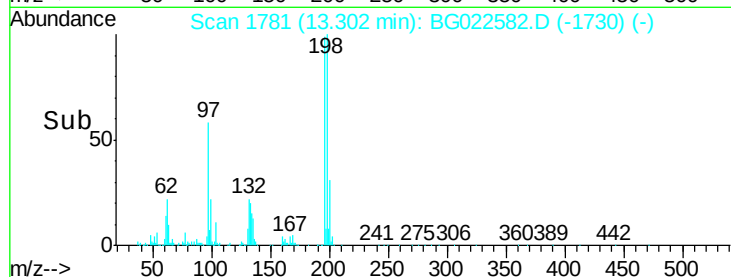
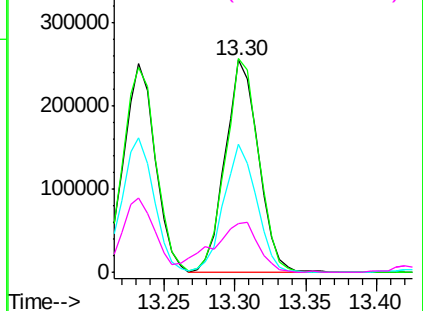
#43
2,4,5-Trichlorophenol
Concen: 42.76 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Instrument :
BNA_G
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	85.7	128.5
97	60.3	45.5	68.3
132	23.1	18.9	28.3

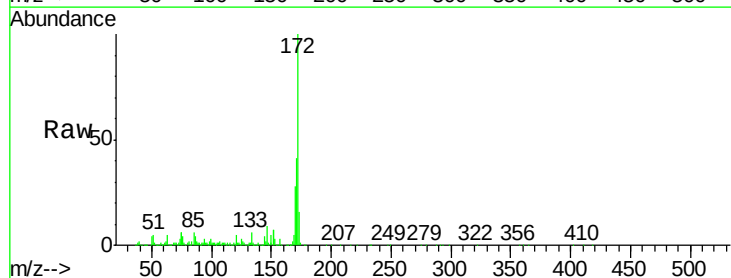


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

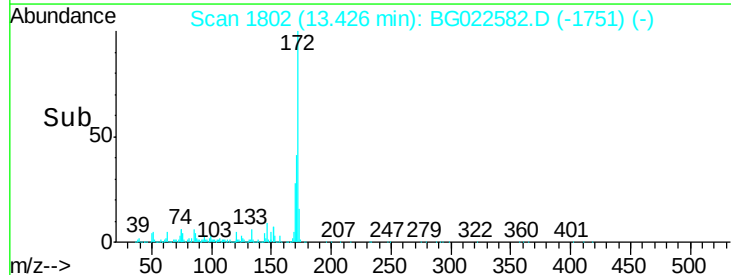
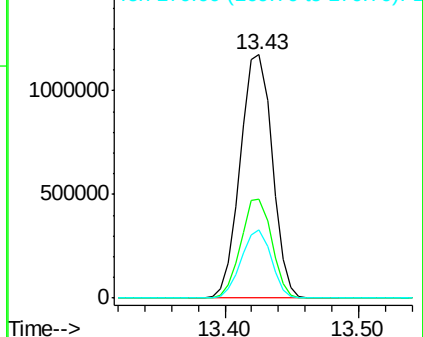


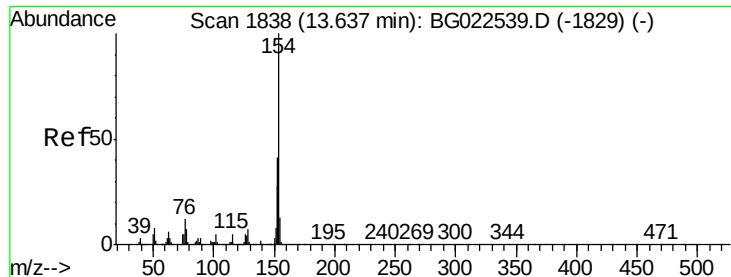
#44
2-Fluorobiphenyl
Concen: 80.00 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	31.6	47.4
170	27.9	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: 39.00 ng

RT: 13.64 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

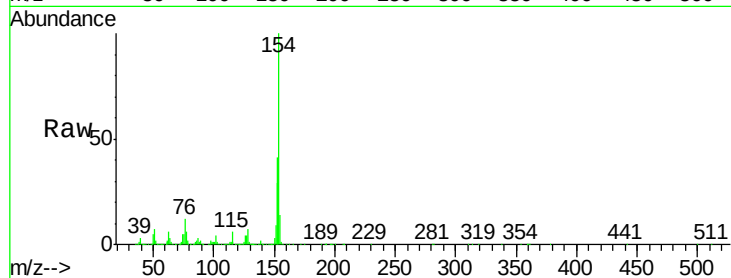
Tgt Ion:154 Resp: 1147978

Ion Ratio Lower Upper

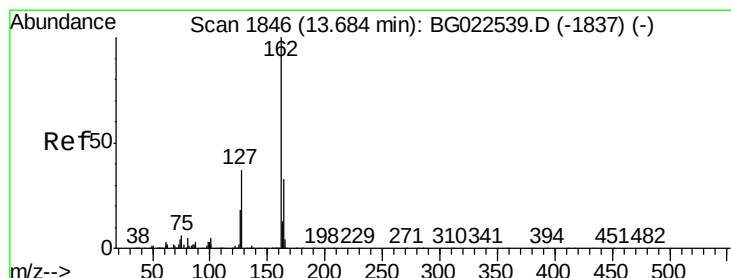
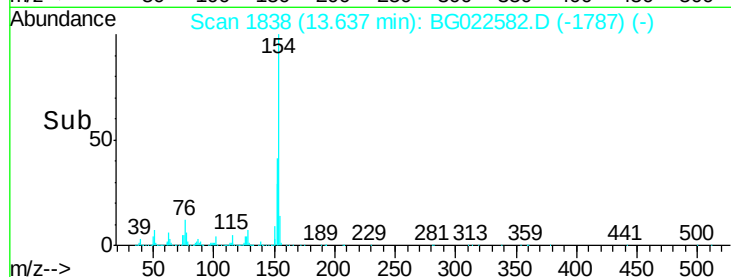
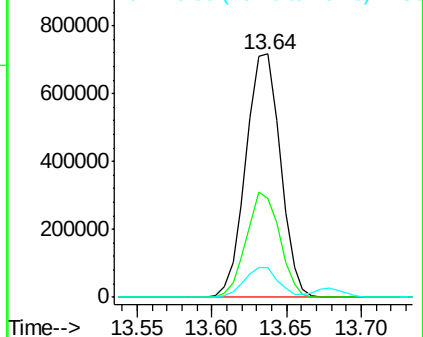
154 100

153 40.6 20.2 60.2

76 12.2 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): B



#46

2-Chloronaphthalene

Concen: 38.78 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

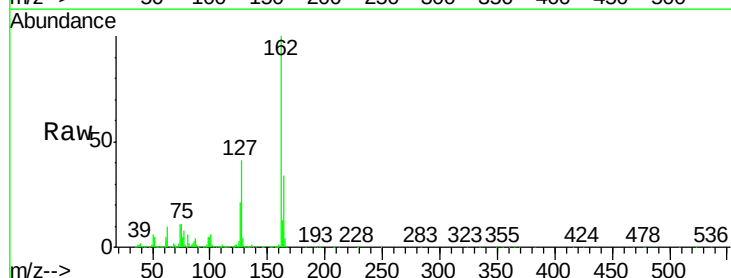
Tgt Ion:162 Resp: 939220

Ion Ratio Lower Upper

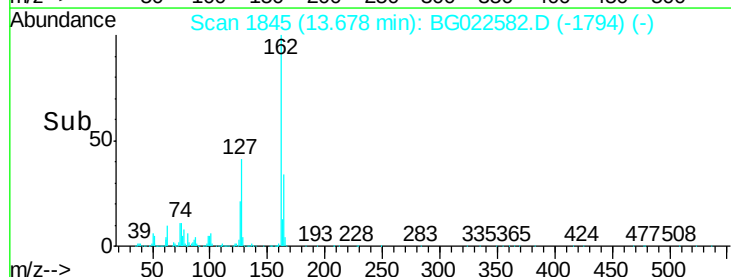
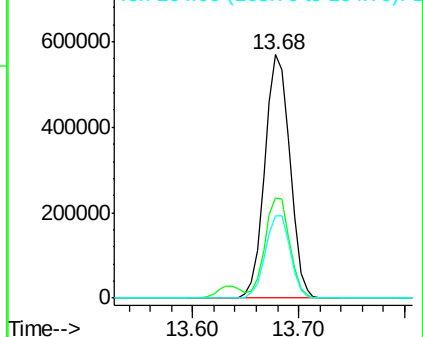
162 100

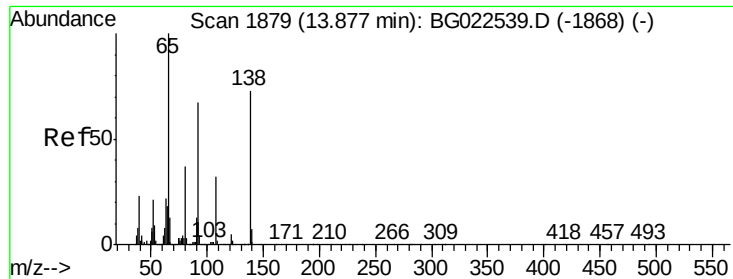
127 41.0 32.4 48.6

164 33.8 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: 42.48 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

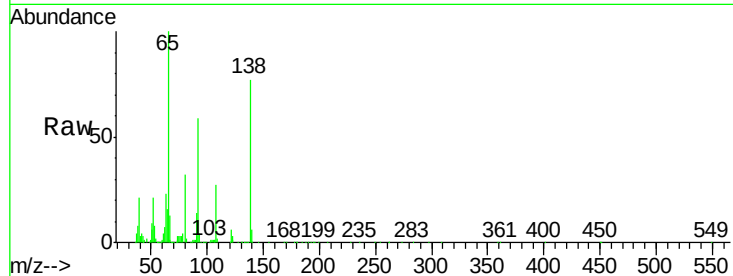
Tgt Ion: 65 Resp: 397107

Ion Ratio Lower Upper

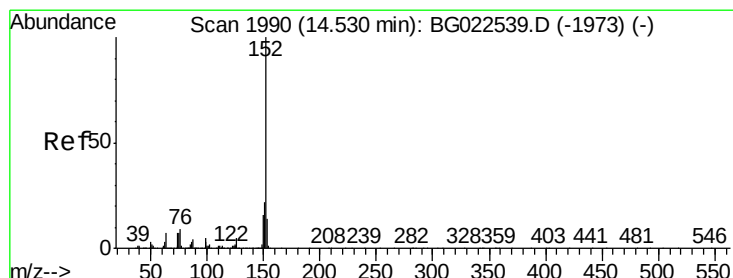
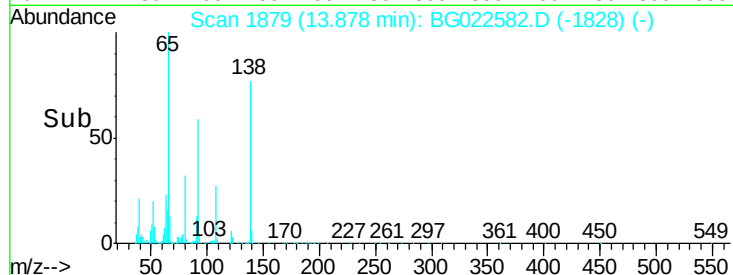
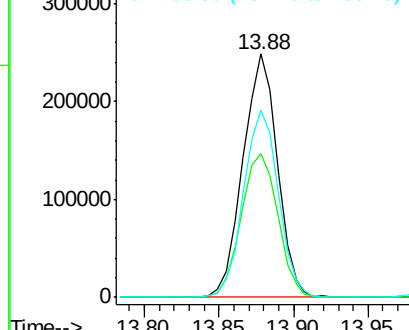
65 100

92 59.2 49.4 74.0

138 77.1 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: 39.75 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

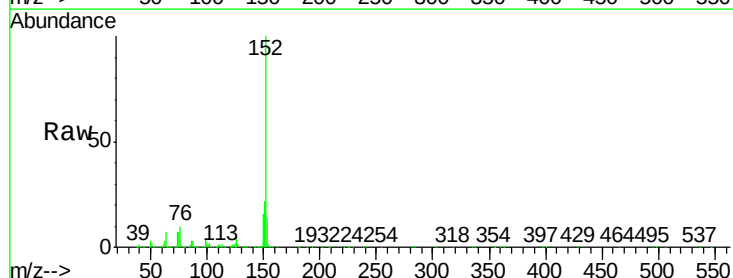
Tgt Ion: 152 Resp: 1396203

Ion Ratio Lower Upper

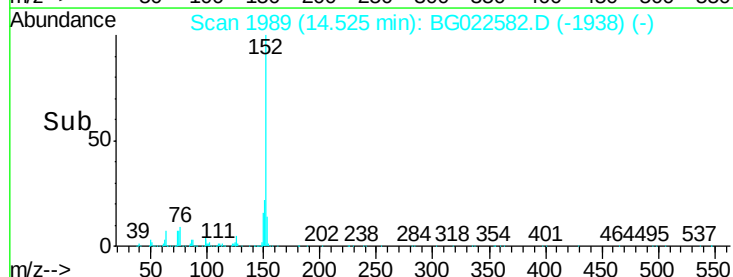
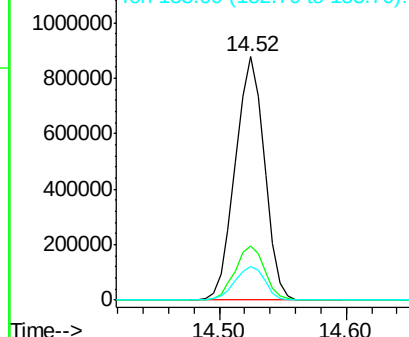
152 100

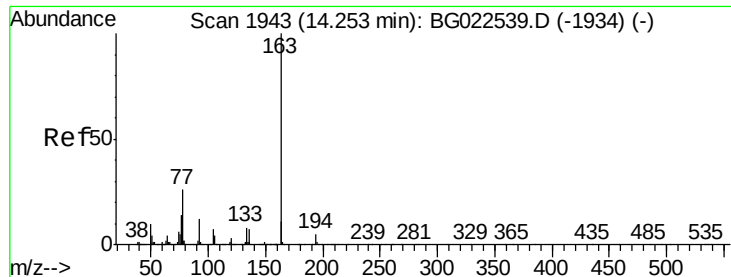
151 22.0 17.6 26.4

153 14.0 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: 40.32 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

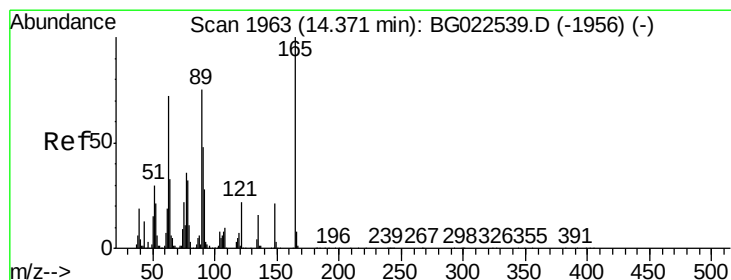
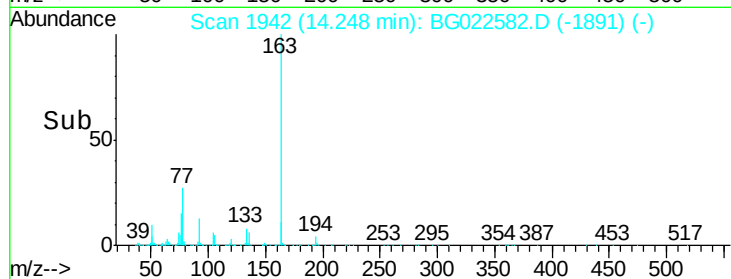
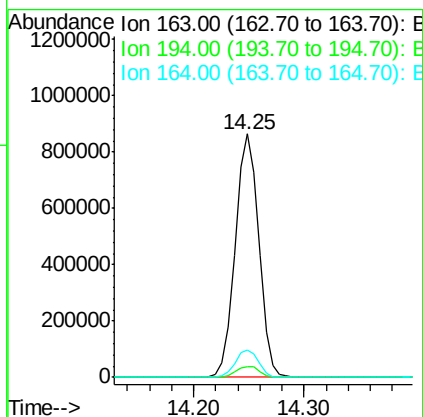
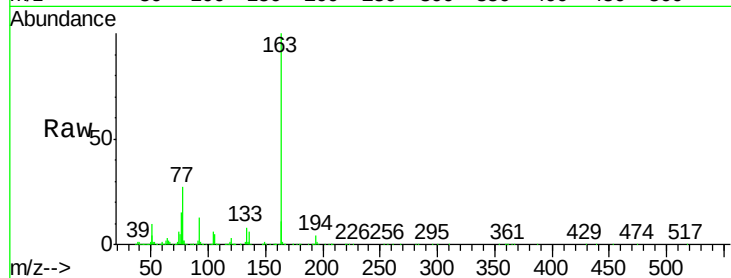
Tgt Ion:163 Resp: 1292503

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 11.0 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 42.60 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

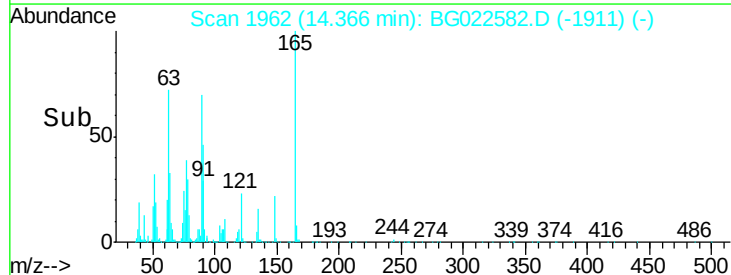
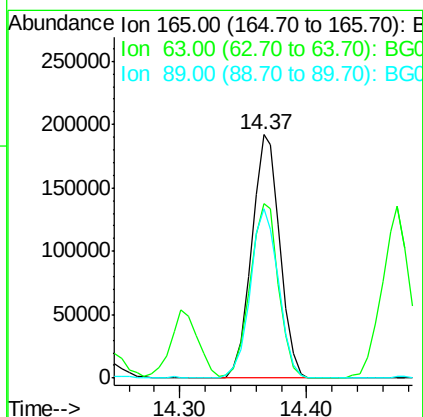
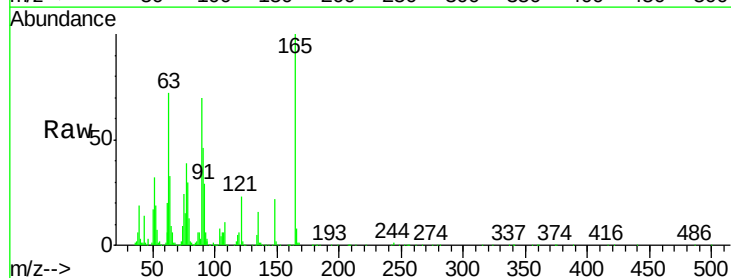
Tgt Ion:165 Resp: 296711

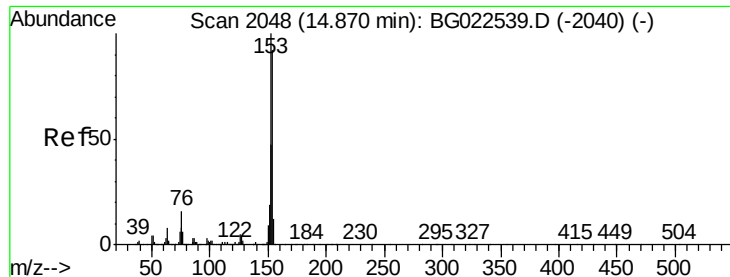
Ion Ratio Lower Upper

165 100

63 71.7 64.3 96.5

89 69.8 64.3 96.5





#51

Acenaphthene

Concen: 37.21 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

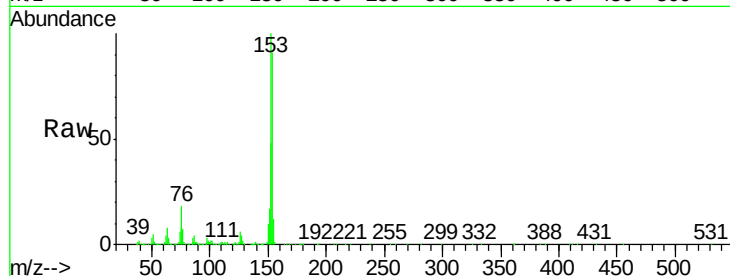
Tgt Ion:154 Resp: 962978

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

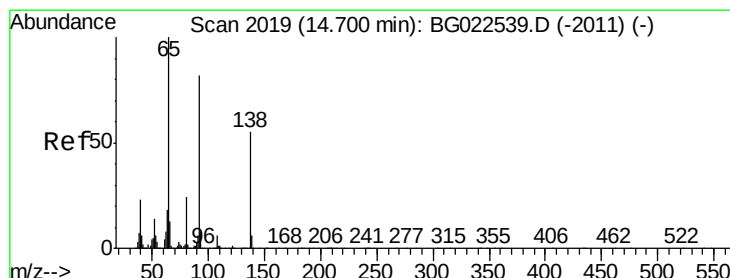
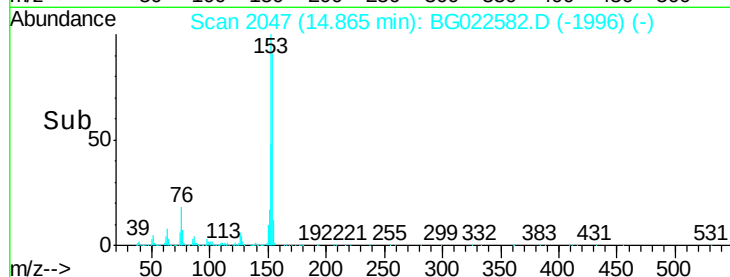
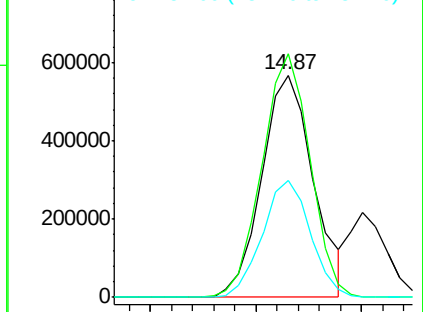
152 52.4 42.7 64.1



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: 17.31 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

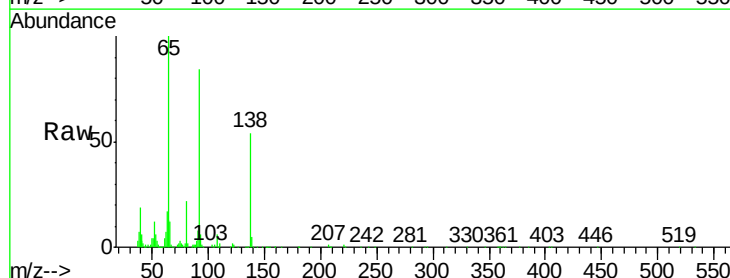
Tgt Ion:138 Resp: 112830

Ion Ratio Lower Upper

138 100

108 11.9 11.7 17.5

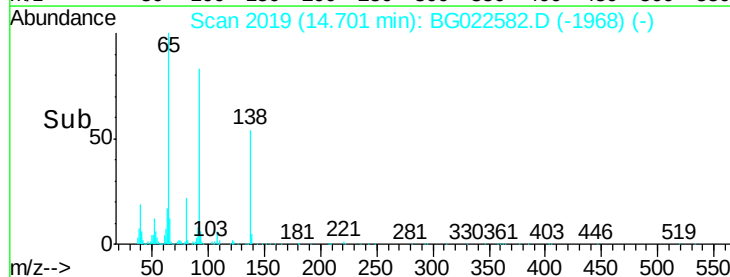
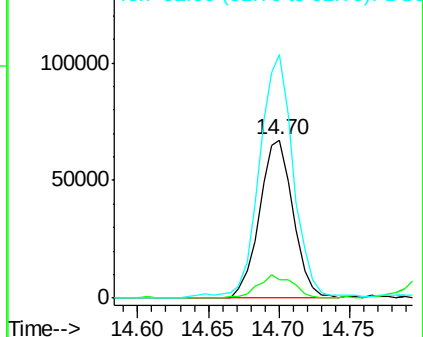
92 154.2 129.7 194.5

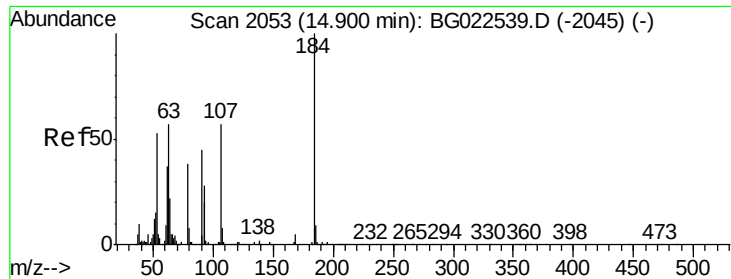


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 91.93 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

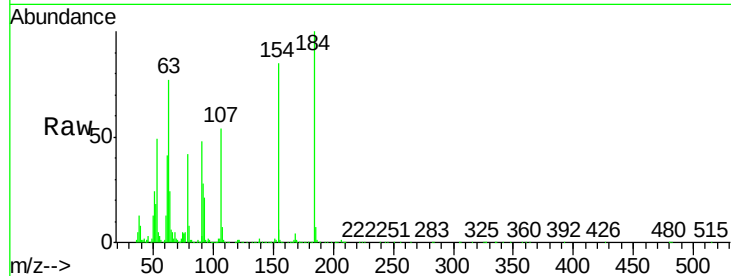
Tgt Ion:184 Resp: 394399

Ion Ratio Lower Upper

184 100

63 76.6 59.6 89.4

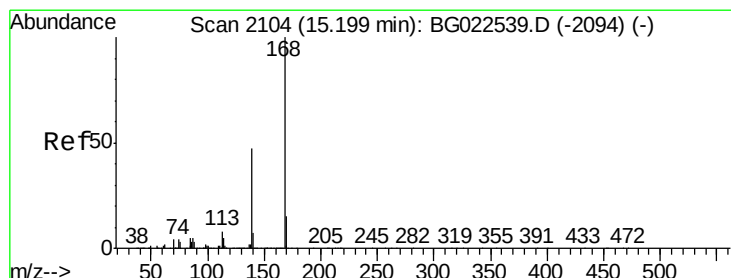
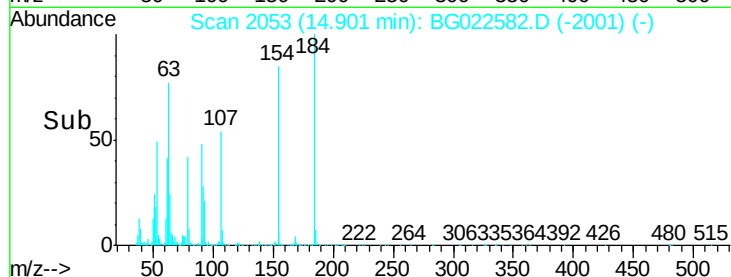
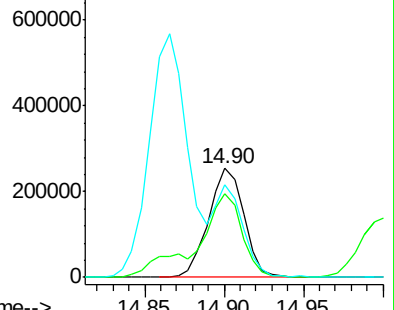
154 85.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022539.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.54 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

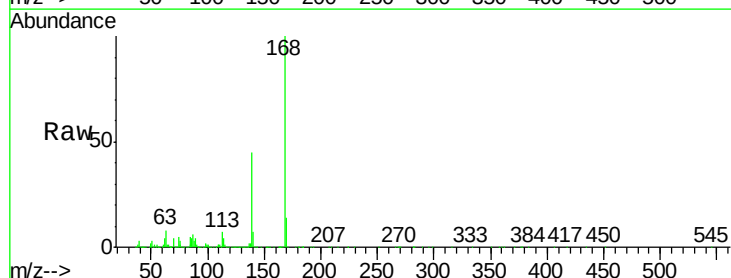
Tgt Ion:168 Resp: 1481903

Ion Ratio Lower Upper

168 100

139 45.2 36.4 54.6

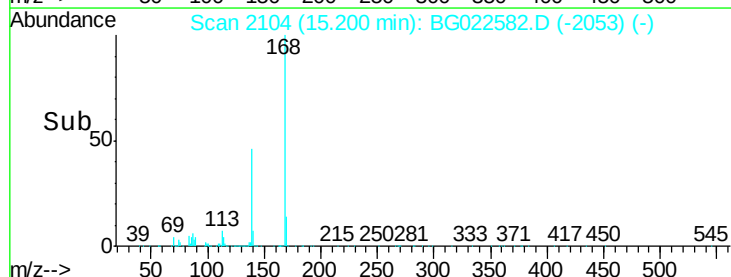
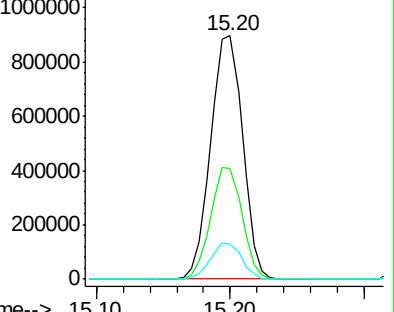
169 14.3 11.9 17.9

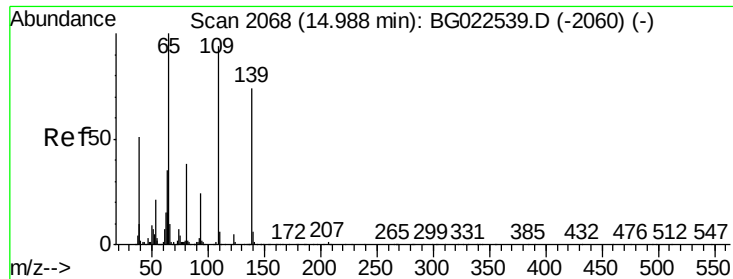


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

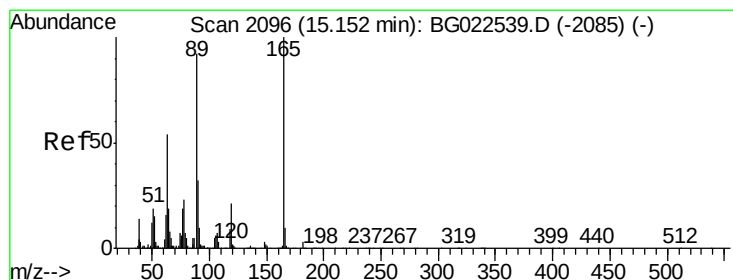
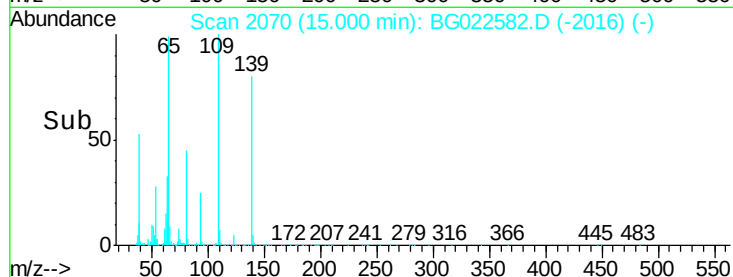
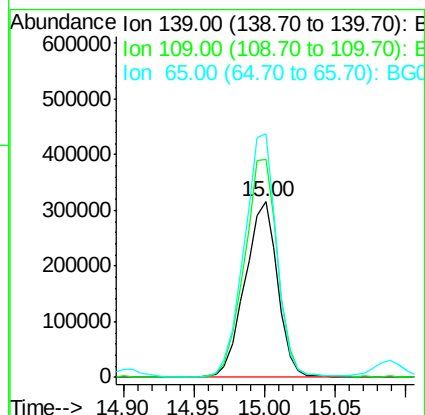
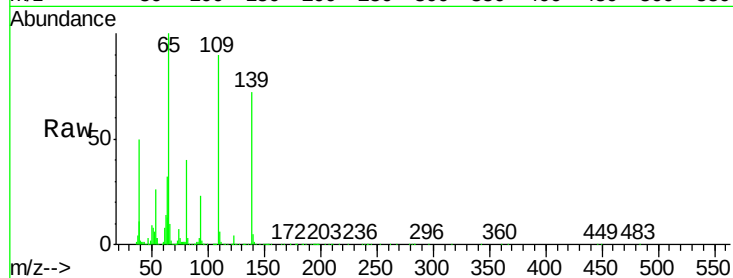




#55
4-Nitrophenol
Concen: 92.59 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

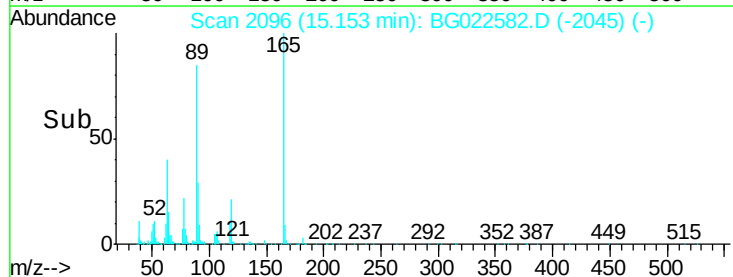
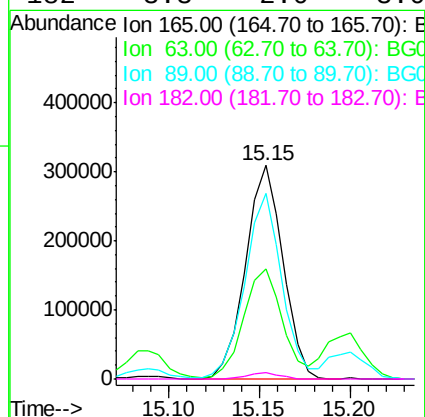
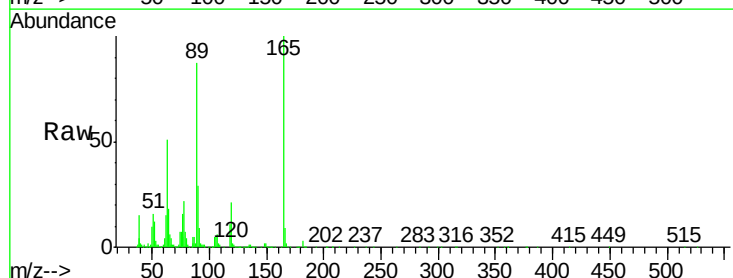
Instrument :
BNA_G
ClientSampleId :
PB91573BS

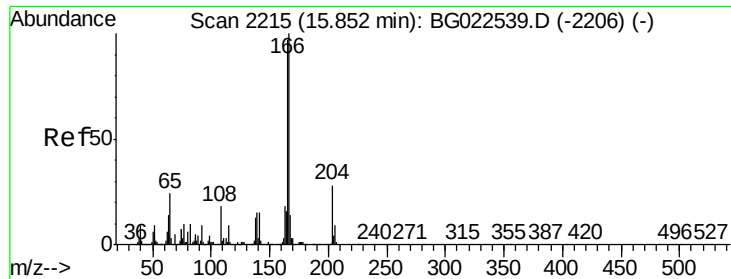
Tgt Ion:139 Resp: 510286
Ion Ratio Lower Upper
139 100
109 124.4 103.0 143.0
65 138.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 45.75 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:165 Resp: 441396
Ion Ratio Lower Upper
165 100
63 51.3 45.8 68.6
89 87.0 68.6 102.8
182 3.3 2.0 3.0#





#57

Fluorene

Concen: 41.04 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

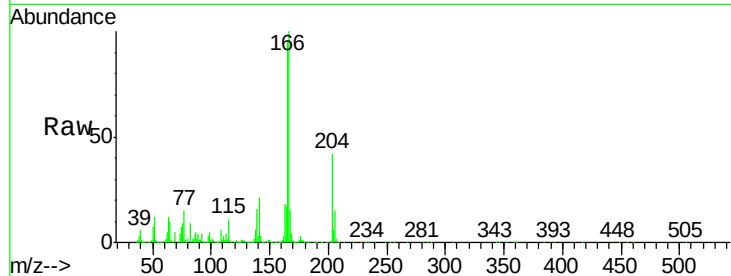
Tgt Ion:166 Resp: 1227581

Ion Ratio Lower Upper

166 100

165 95.6 81.0 121.6

167 15.0 12.0 18.0

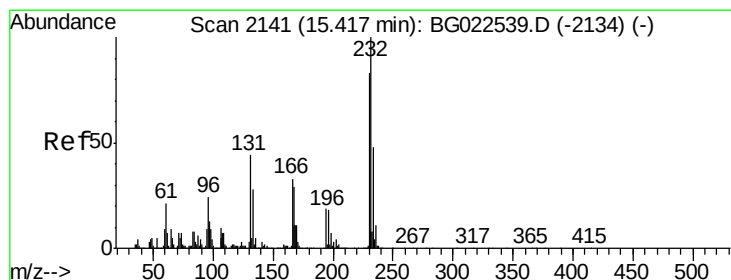
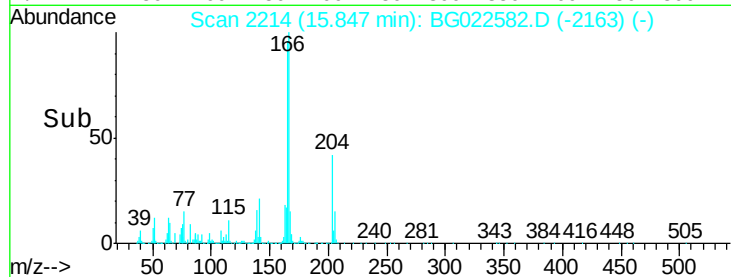
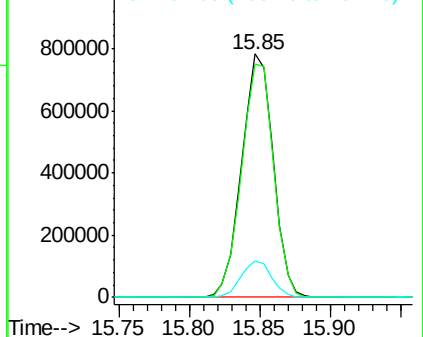


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.06 ng

RT: 15.42 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Tgt Ion:232 Resp: 436994

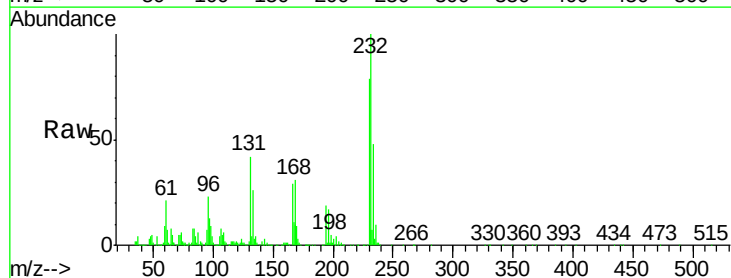
Ion Ratio Lower Upper

232 100

131 42.3 32.7 49.1

130 2.6 2.6 3.8

166 30.7 23.0 34.6



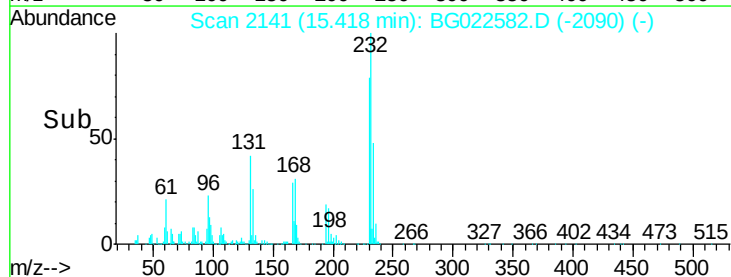
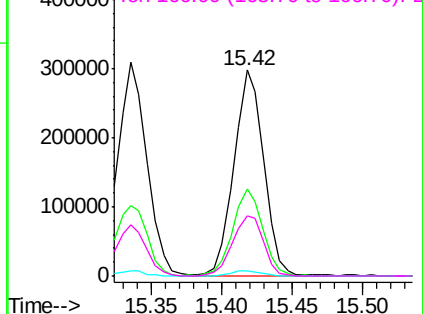
Abundance

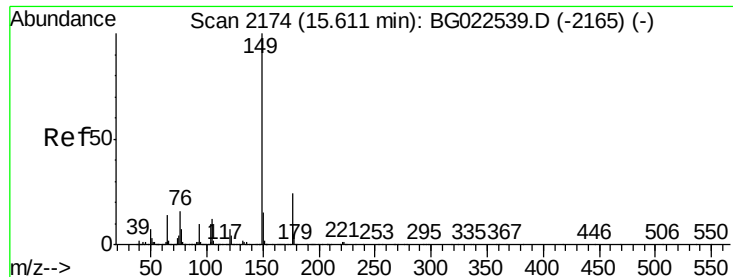
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.87 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

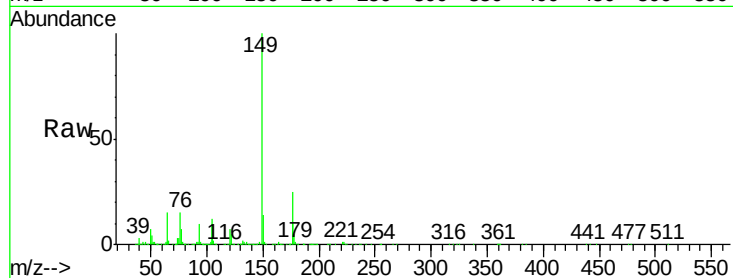
Tgt Ion:149 Resp: 1346890

Ion Ratio Lower Upper

149 100

177 25.2 19.2 28.8

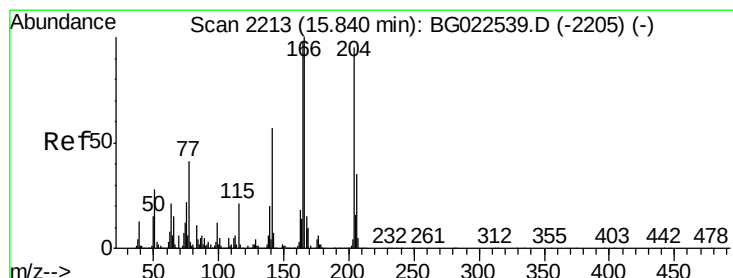
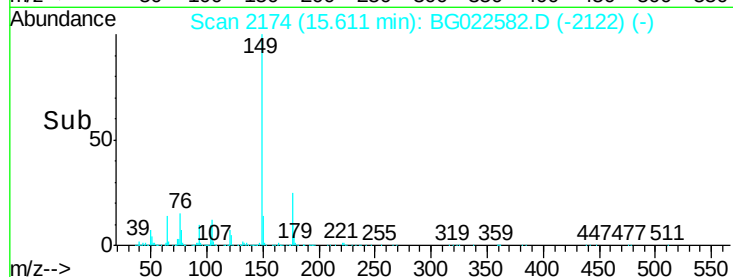
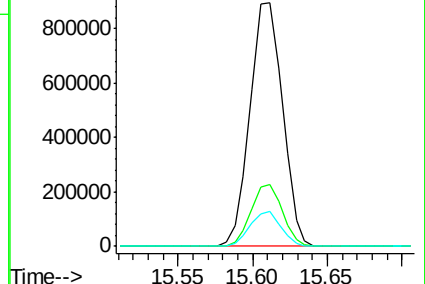
150 14.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.98 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

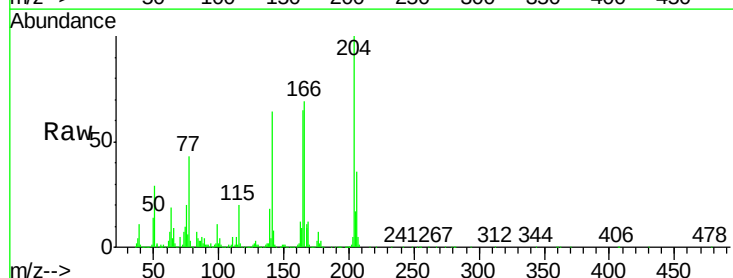
Tgt Ion:204 Resp: 729657

Ion Ratio Lower Upper

204 100

206 35.5 28.5 42.7

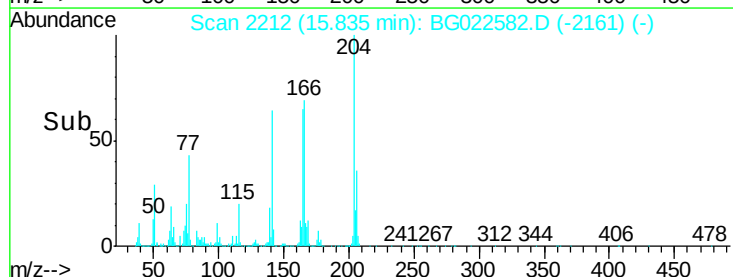
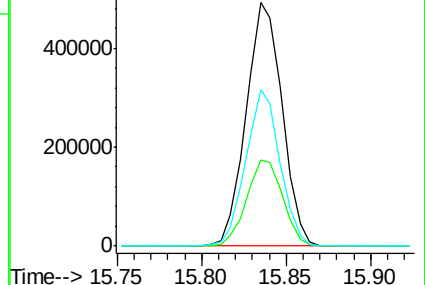
141 64.3 51.4 77.0

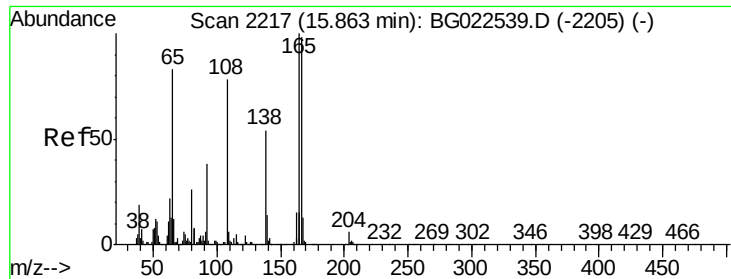


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

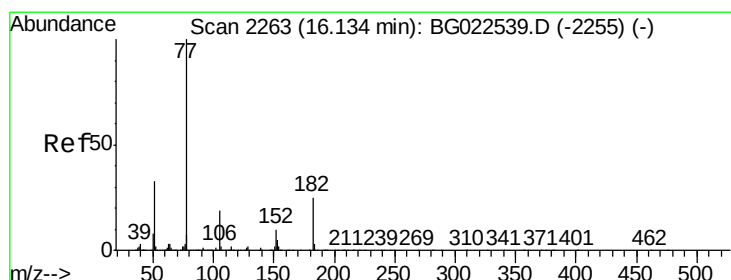
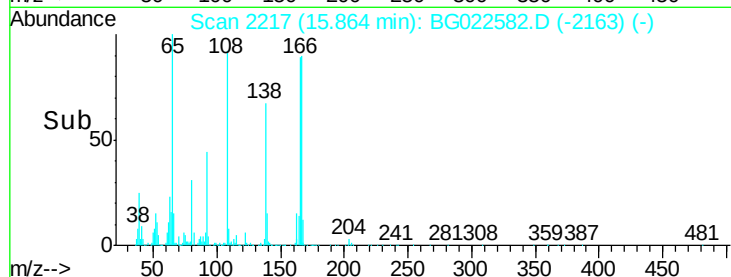
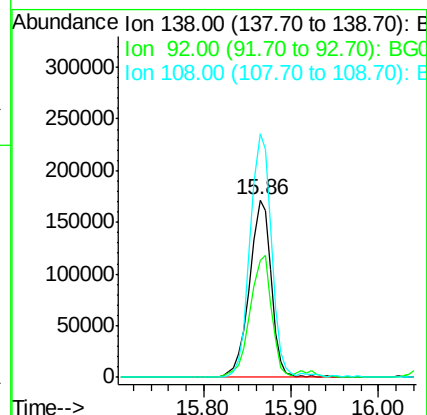
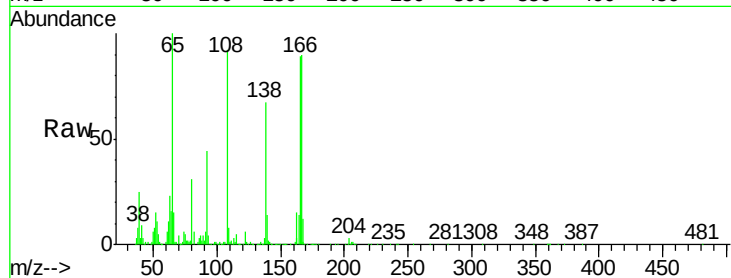




#61
4-Nitroaniline
Concen: 42.56 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

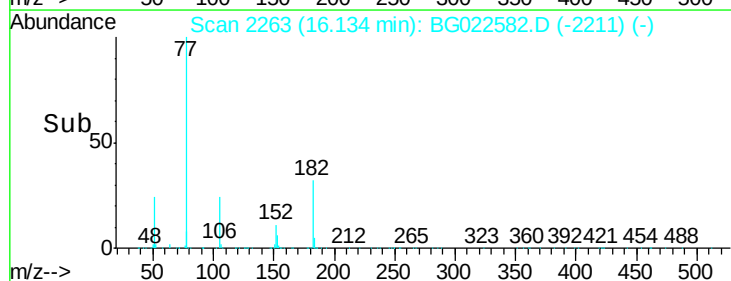
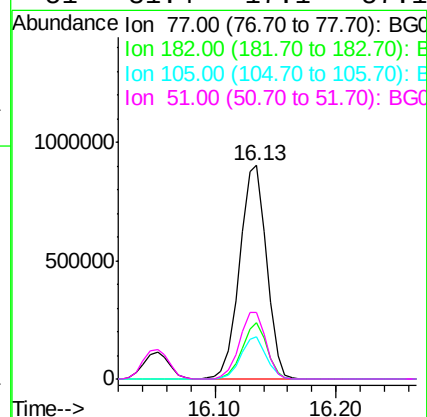
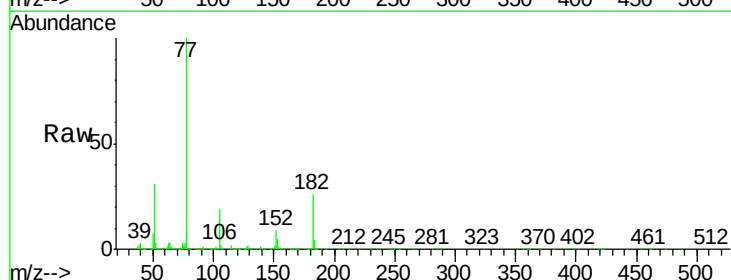
Instrument :
BNA_G
ClientSampleId :
PB91573BS

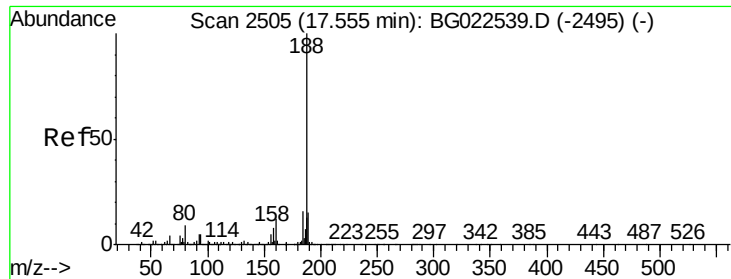
Tgt Ion:138 Resp: 286182
Ion Ratio Lower Upper
138 100
92 65.7 54.1 94.1
108 137.5 133.9 173.9



#62
Azobenzene
Concen: 39.11 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion: 77 Resp: 1395678
Ion Ratio Lower Upper
77 100
182 26.5 3.5 43.5
105 19.5 0.0 38.5
51 31.4 17.1 57.1

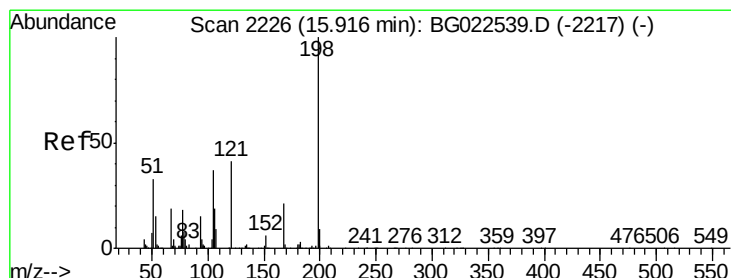
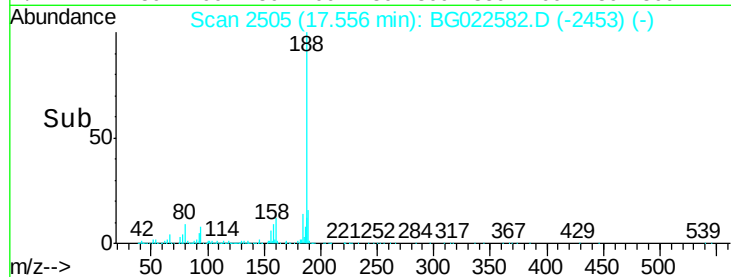
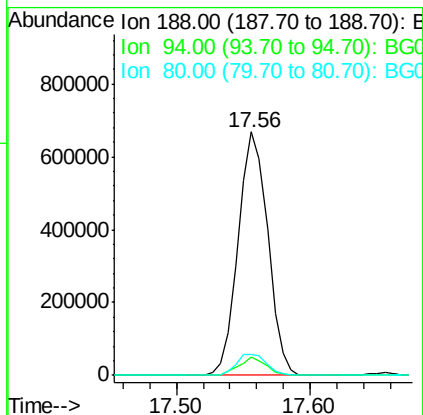
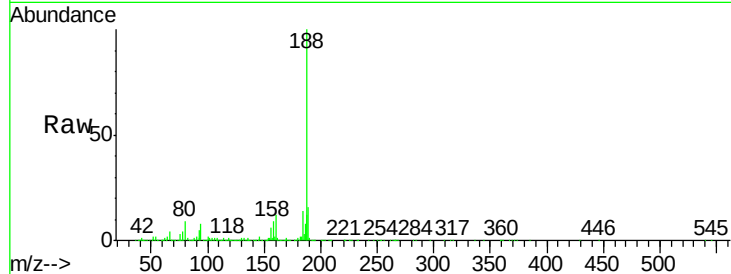




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

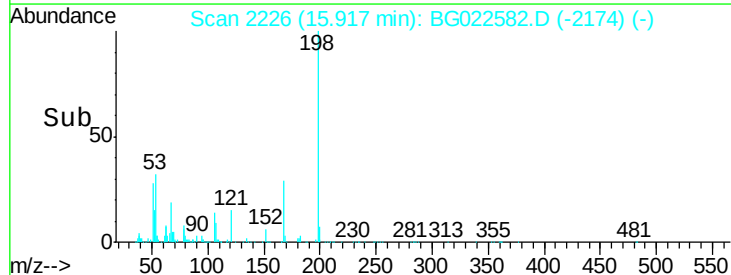
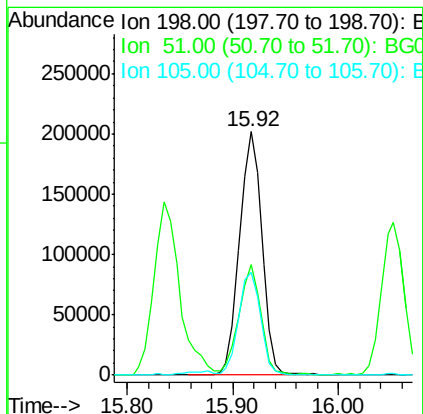
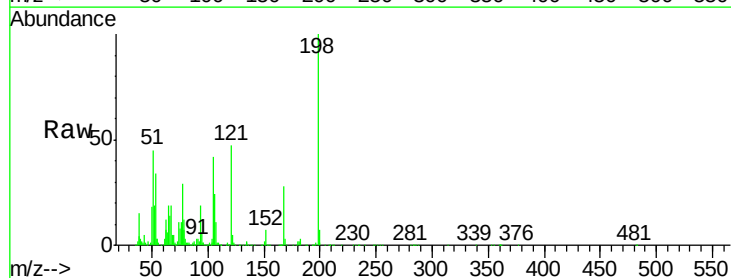
Instrument :
BNA_G
ClientSampleId :
PB91573BS

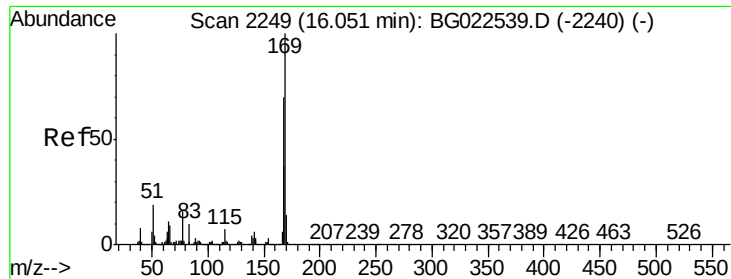
Tgt Ion:188 Resp: 1025802
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8
80 8.8 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.92 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:198 Resp: 295294
Ion Ratio Lower Upper
198 100
51 45.3 26.0 66.0
105 42.2 20.1 60.1

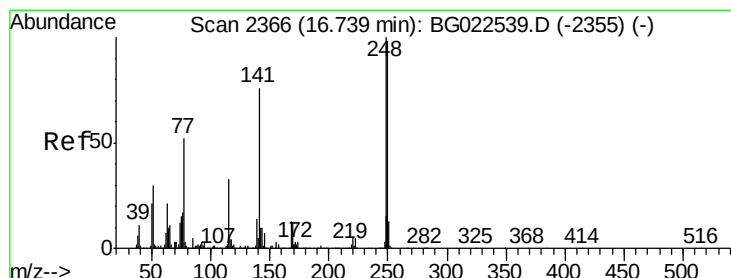
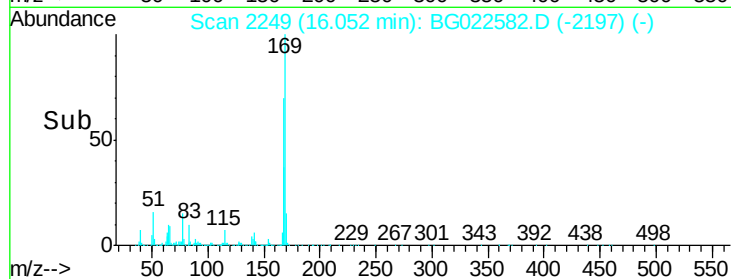
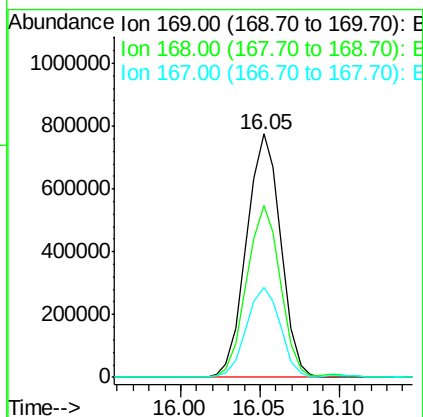
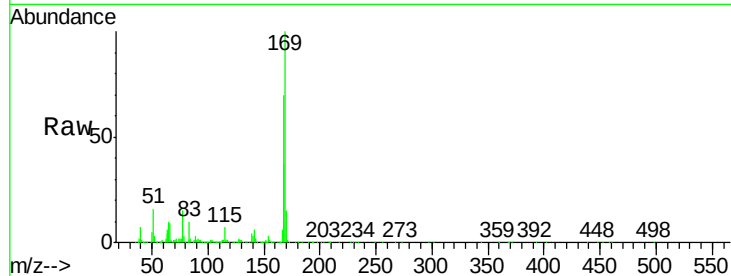




#65
 n-Nitrosodiphenylamine
 Concen: 38.89 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

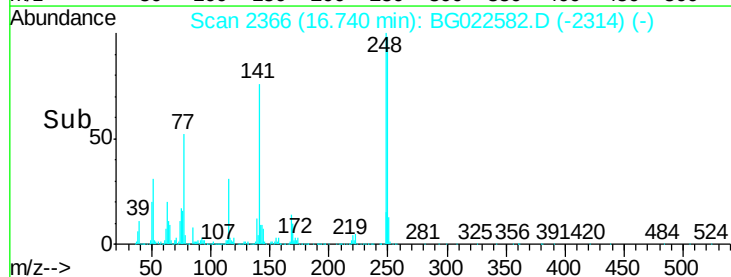
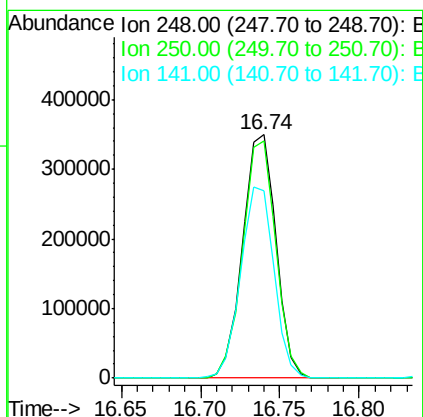
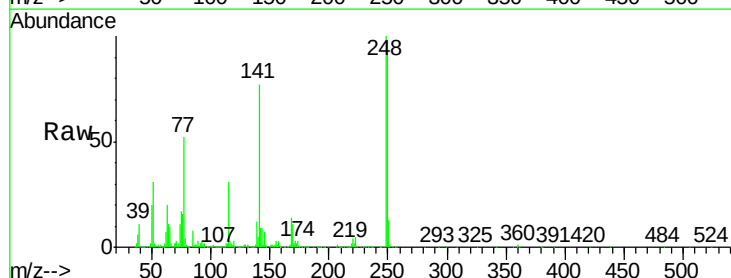
Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

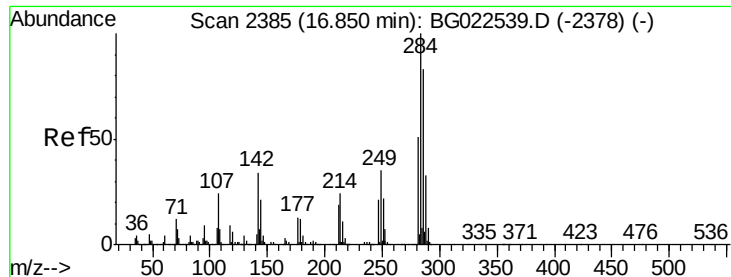
Tgt Ion:169 Resp: 1161028
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.0 82.4
 167 36.9 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.43 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion:248 Resp: 511390
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.8 116.8
 141 76.7 65.7 98.5





#67

Hexachlorobenzene

Concen: 37.96 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

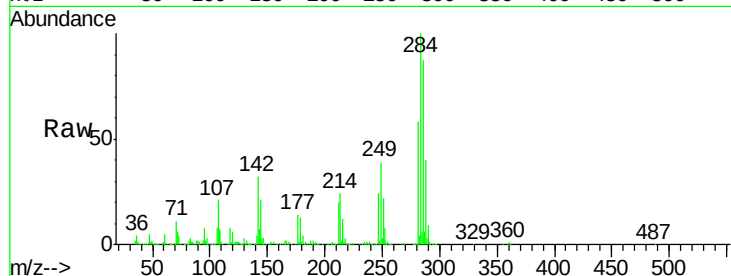
Tgt Ion:284 Resp: 534155

Ion Ratio Lower Upper

284 100

142 32.1 26.8 40.2

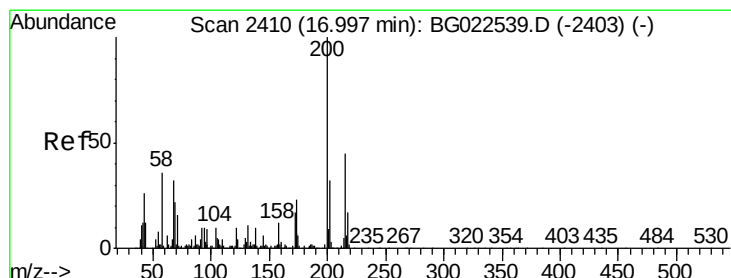
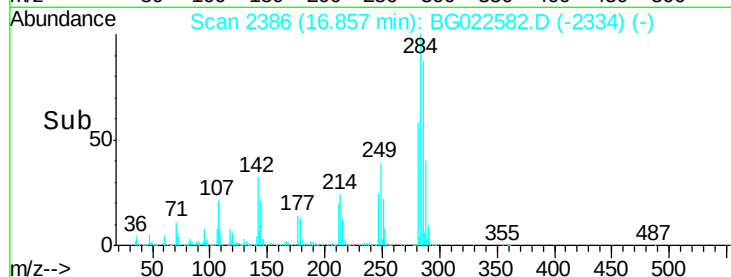
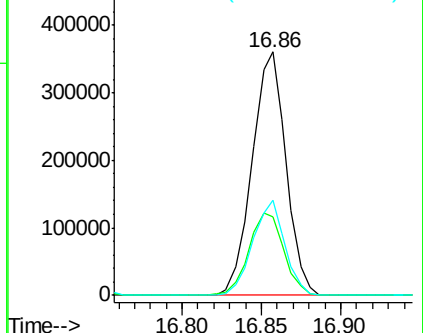
249 39.0 28.9 43.3



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: 42.04 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

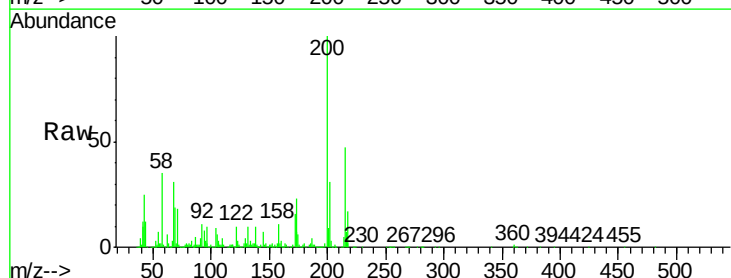
Tgt Ion:200 Resp: 529845

Ion Ratio Lower Upper

200 100

173 23.1 1.6 41.6

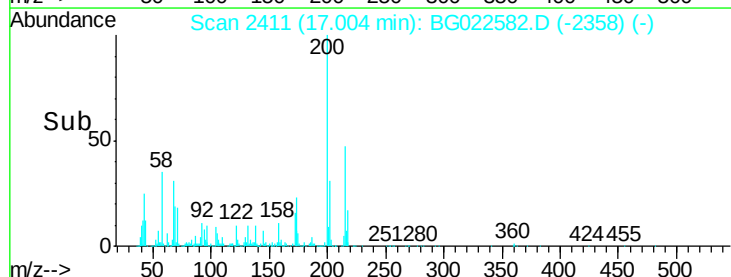
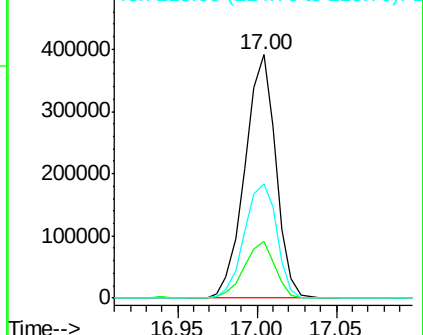
215 46.7 28.7 68.7

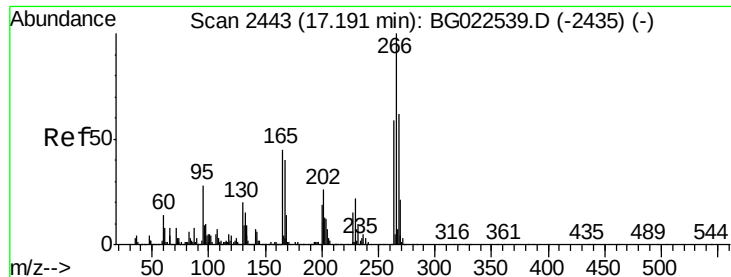


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

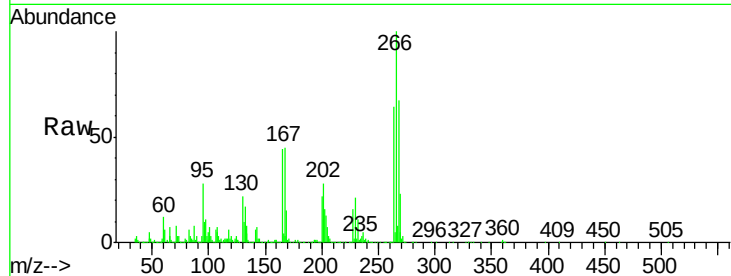




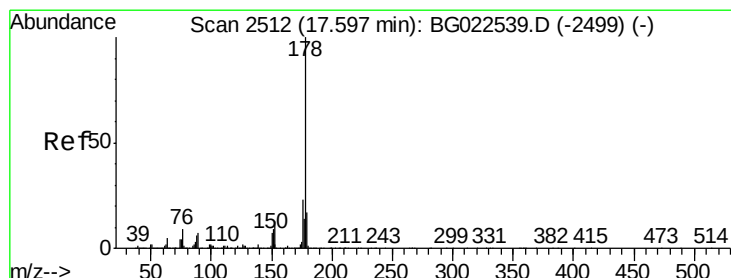
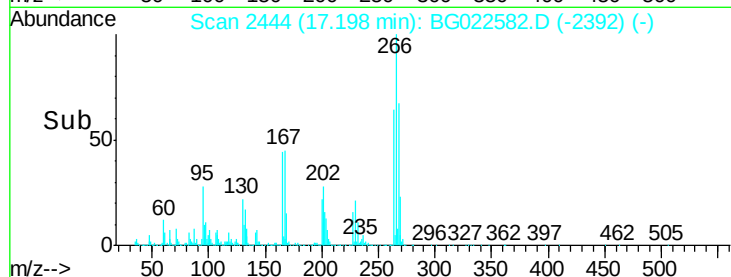
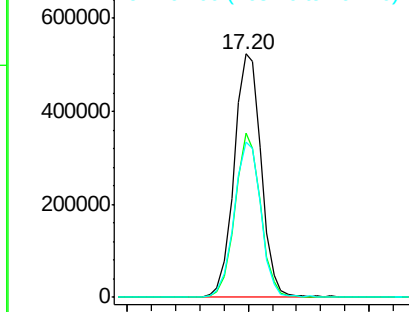
#69
 Pentachlorophenol
 Concen: 84.22 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

Tgt Ion:266 Resp: 815602
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.9 77.9
 264 63.8 50.6 75.8

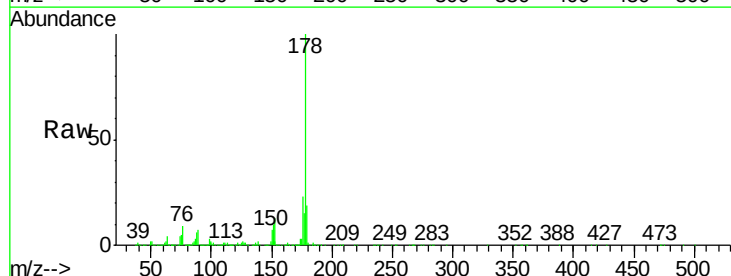


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

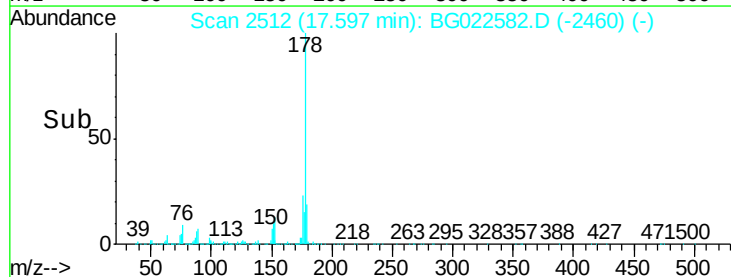
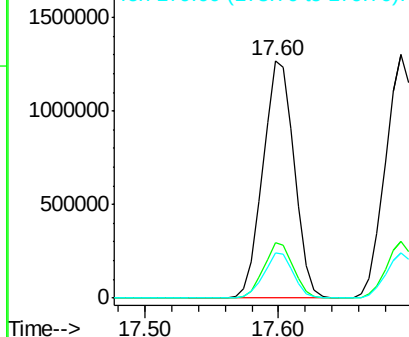


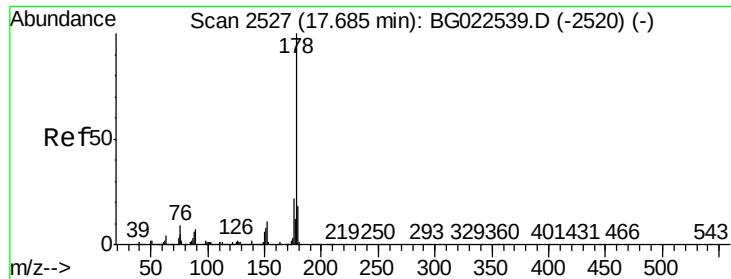
#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion:178 Resp: 2055686
 Ion Ratio Lower Upper
 178 100
 176 23.2 16.8 25.2
 179 18.9 14.3 21.5



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





#71

Anthracene

Concen: 38.97 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

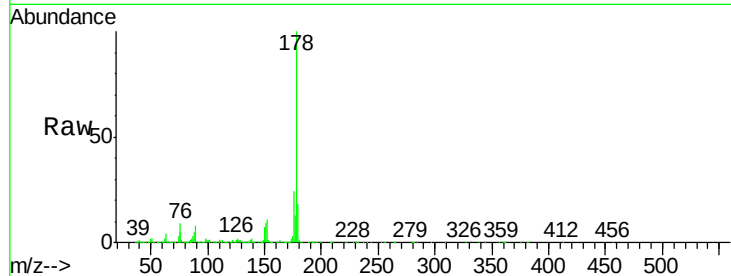
Tgt Ion:178 Resp: 2098082

Ion Ratio Lower Upper

178 100

176 23.6 17.3 25.9

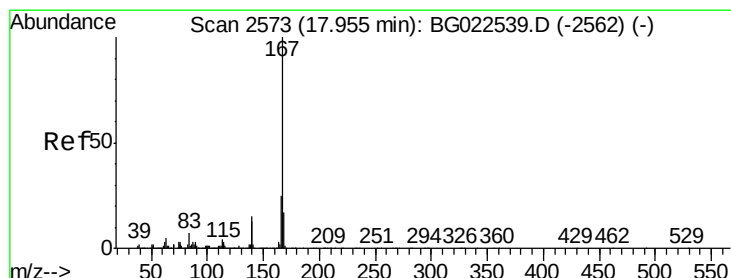
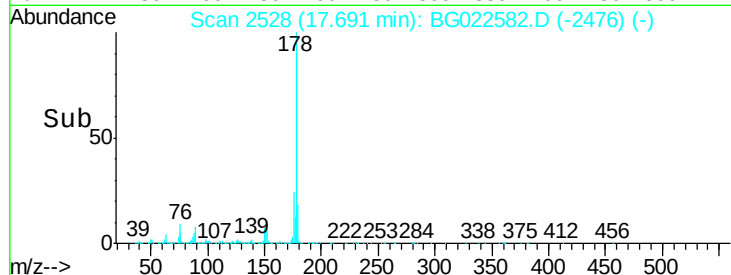
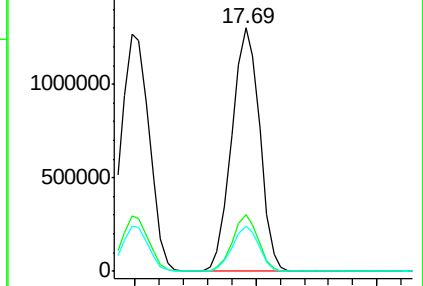
179 18.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.35 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

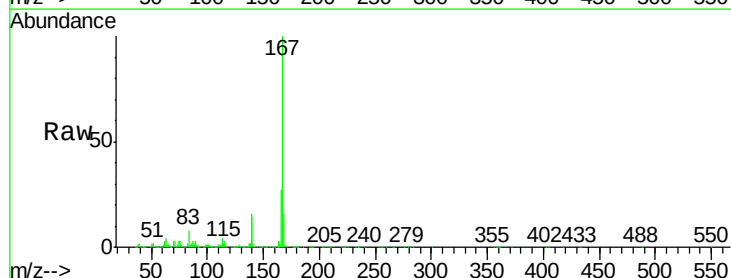
Tgt Ion:167 Resp: 1932619

Ion Ratio Lower Upper

167 100

166 26.8 20.7 31.1

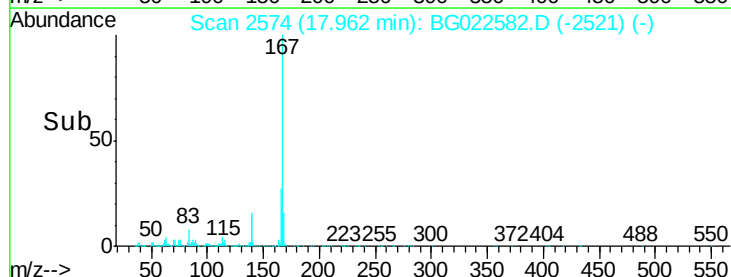
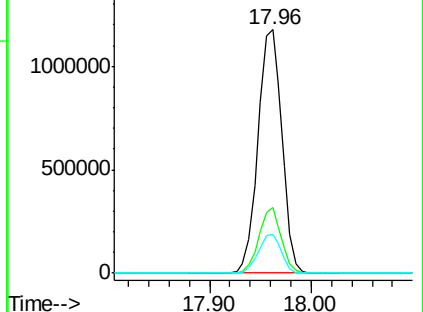
139 16.2 11.9 17.9

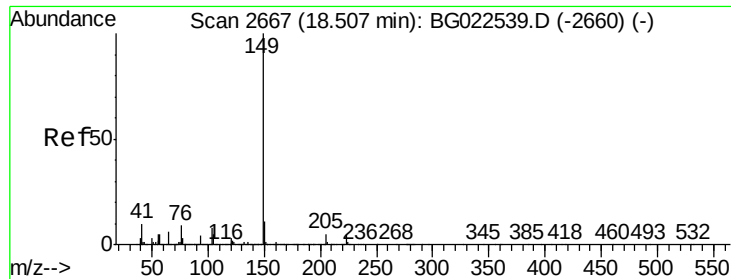


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.05 ng

RT: 18.51 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

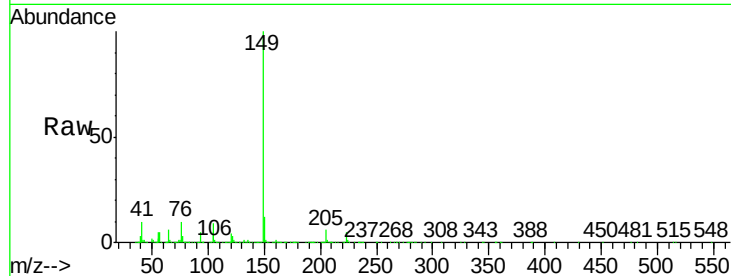
Tgt Ion:149 Resp: 2234659

Ion Ratio Lower Upper

149 100

150 12.3 9.1 13.7

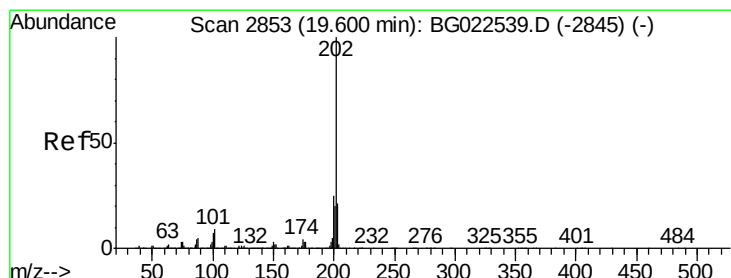
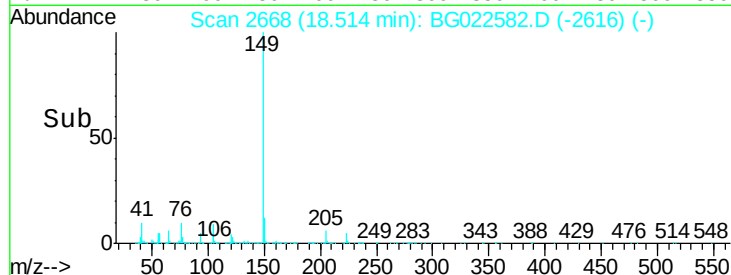
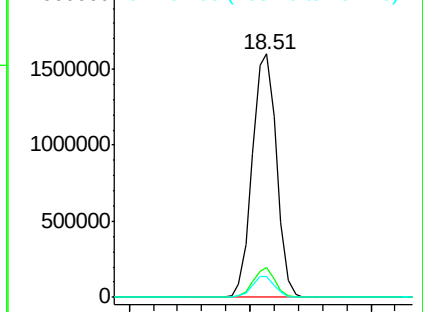
104 8.7 6.9 10.3



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: 42.18 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

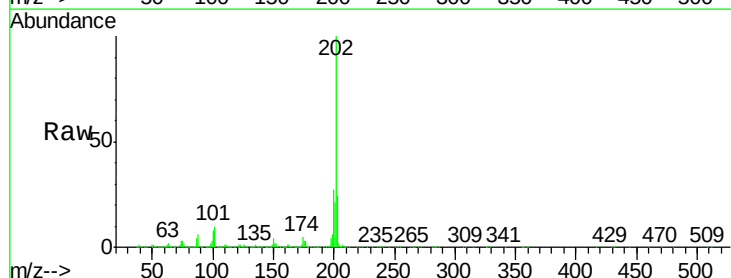
Tgt Ion:202 Resp: 2542066

Ion Ratio Lower Upper

202 100

101 9.9 0.0 27.4

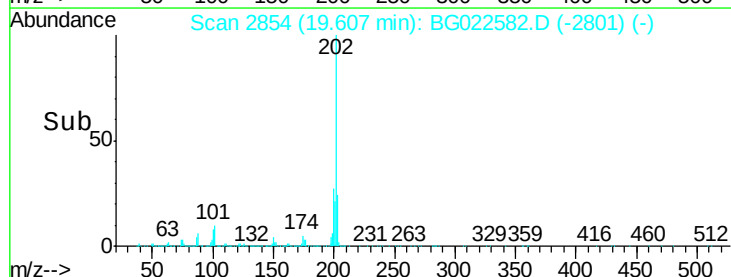
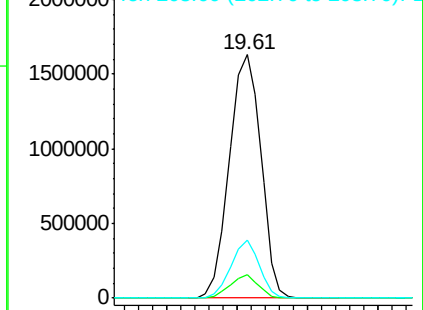
203 23.9 1.7 41.7

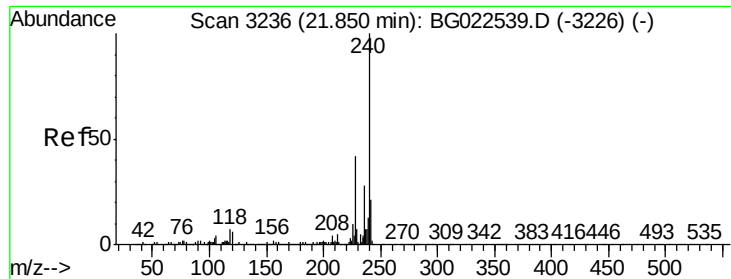


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

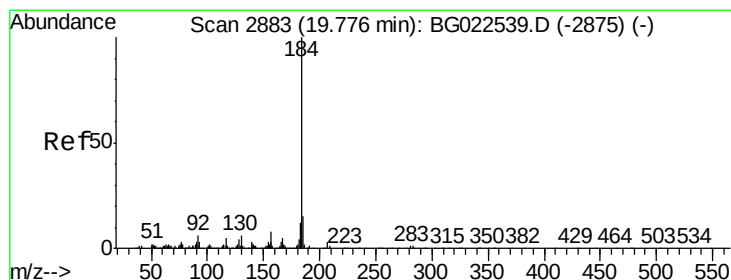
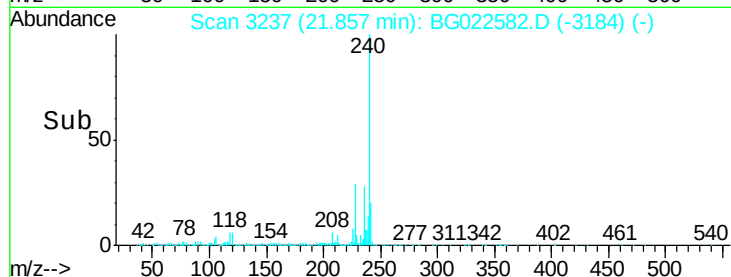
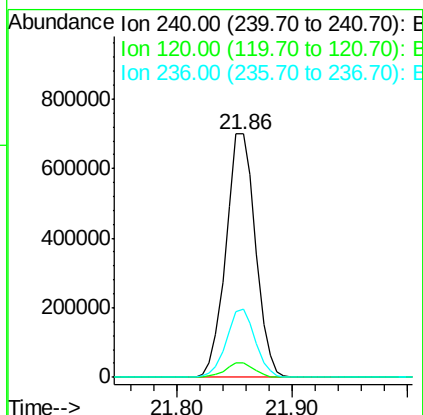
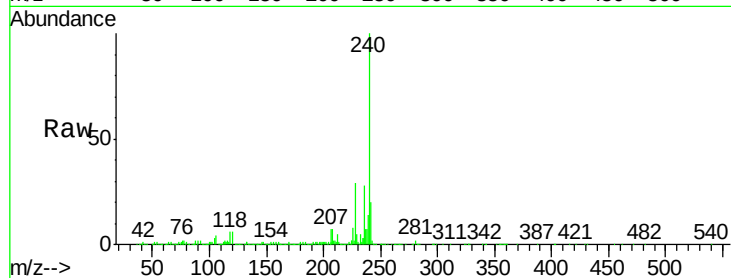




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

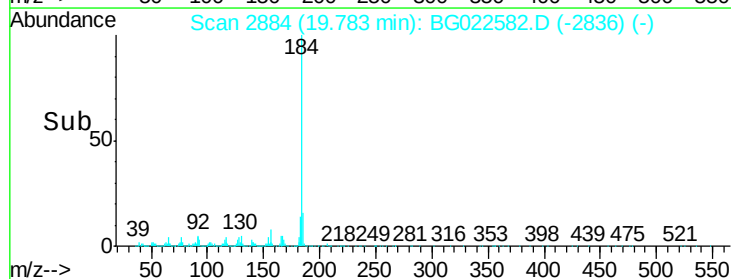
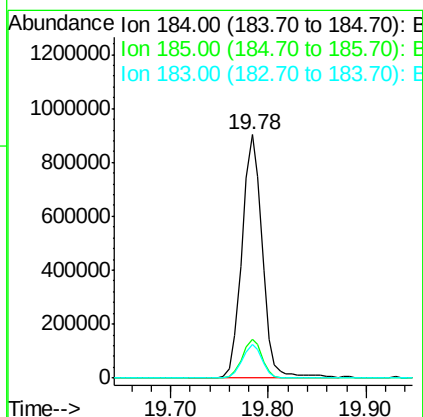
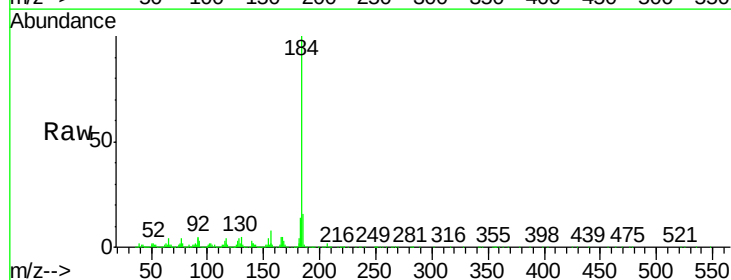
Instrument :
BNA_G
ClientSampleId :
PB91573BS

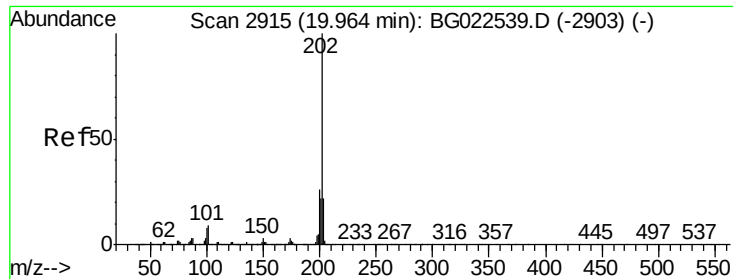
Tgt Ion:240 Resp: 1239596
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 27.8 21.1 31.7



#76
Benzidine
Concen: 99.37 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG022582.D
Acq: 25 Jun 2016 20:06

Tgt Ion:184 Resp: 1311469
Ion Ratio Lower Upper
184 100
185 16.1 12.6 19.0
183 13.6 10.7 16.1





#77

Pyrene

Concen: 39.22 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

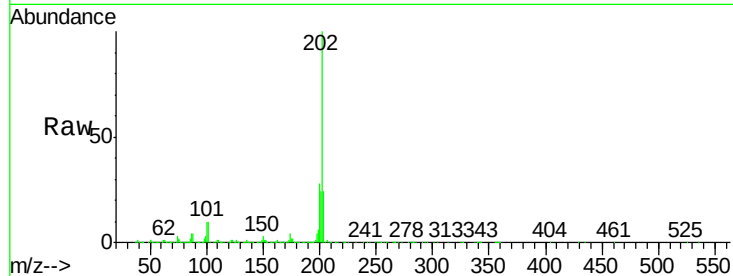
Tgt Ion:202 Resp: 2589595

Ion Ratio Lower Upper

202 100

200 27.7 21.2 31.8

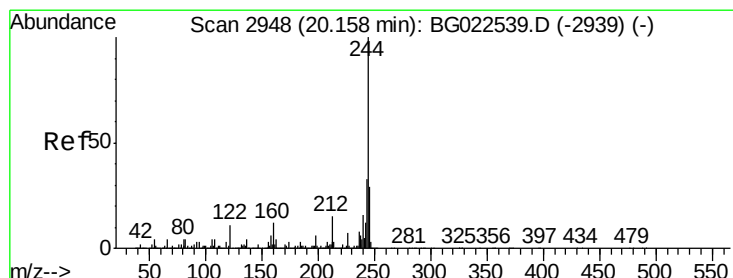
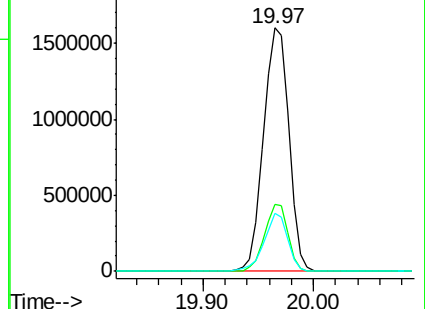
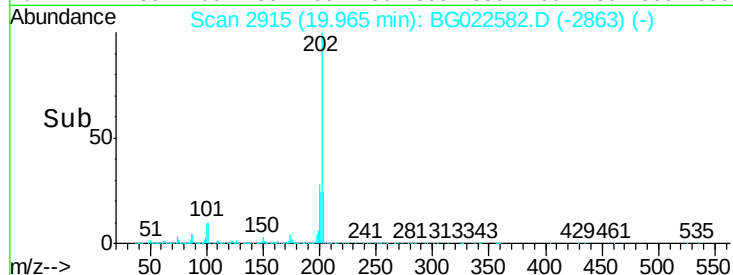
203 23.6 16.8 25.2



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: 66.92 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

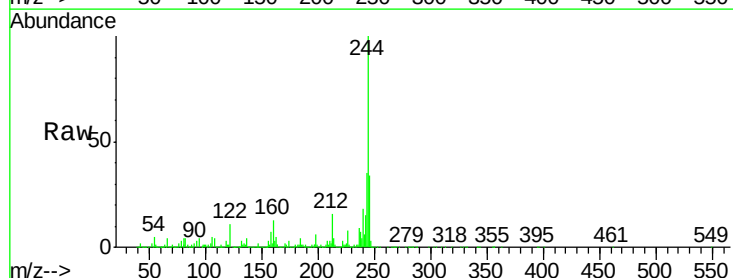
Tgt Ion:244 Resp: 3130997

Ion Ratio Lower Upper

244 100

212 16.2 10.8 16.2

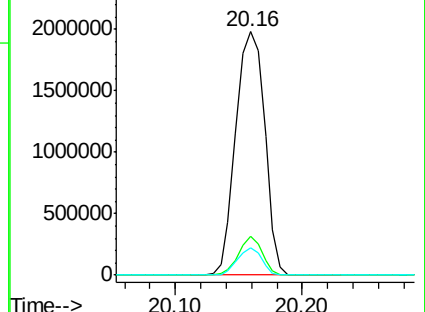
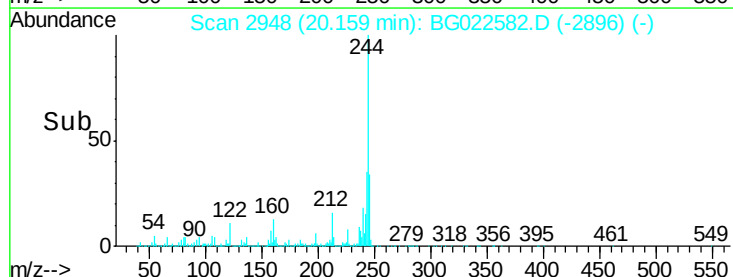
122 11.0 8.0 12.0

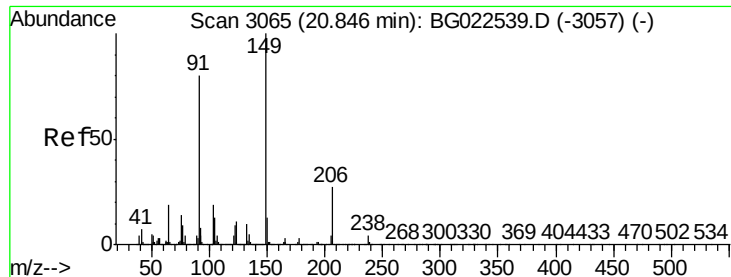


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.80 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

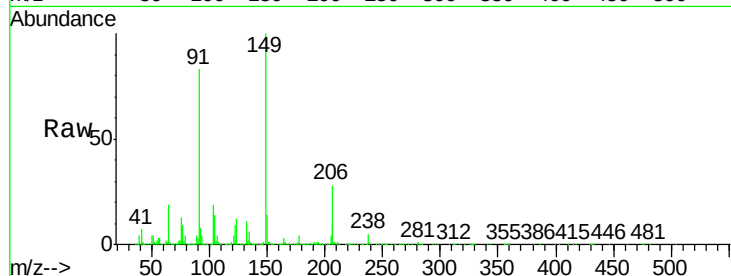
Tgt Ion:149 Resp: 1137612

Ion Ratio Lower Upper

149 100

91 82.9 68.1 102.1

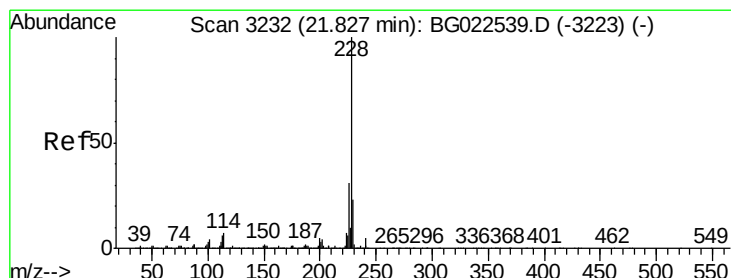
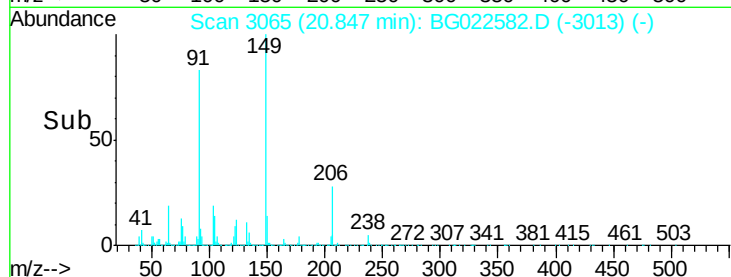
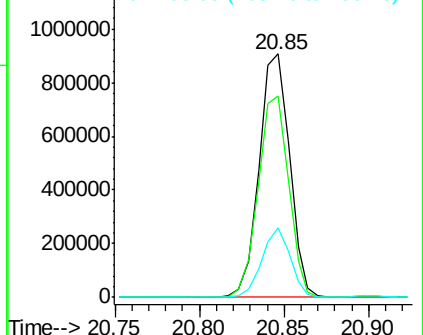
206 28.5 19.8 29.6



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: 40.29 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

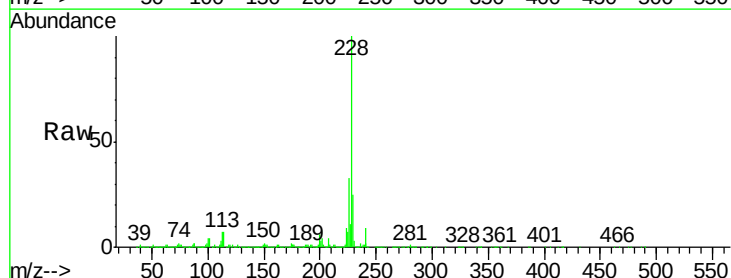
Tgt Ion:228 Resp: 2763825

Ion Ratio Lower Upper

228 100

226 33.2 25.3 37.9

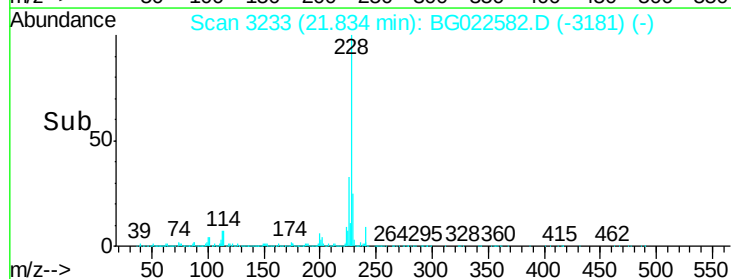
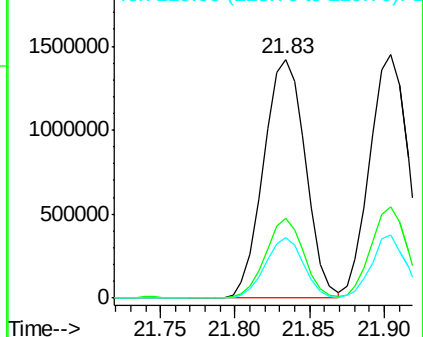
229 25.1 19.9 29.9

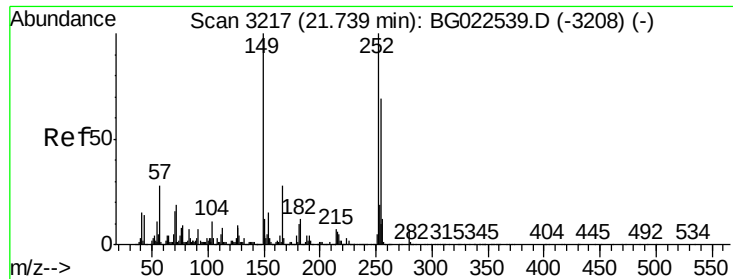


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

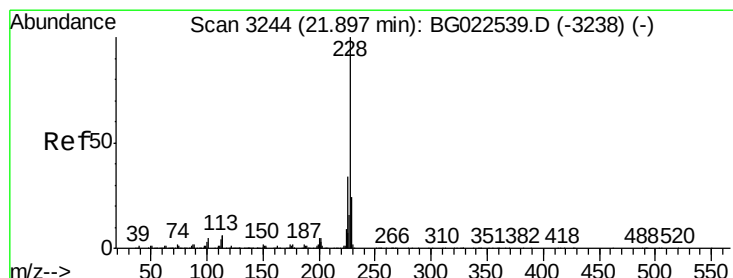
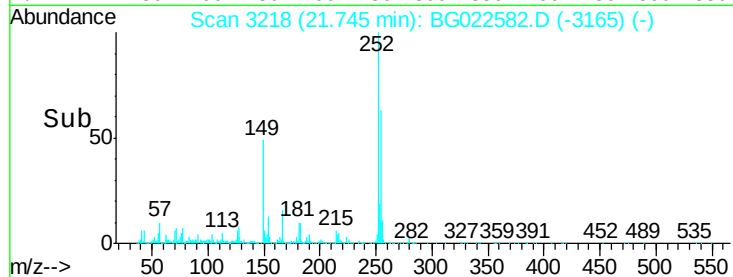
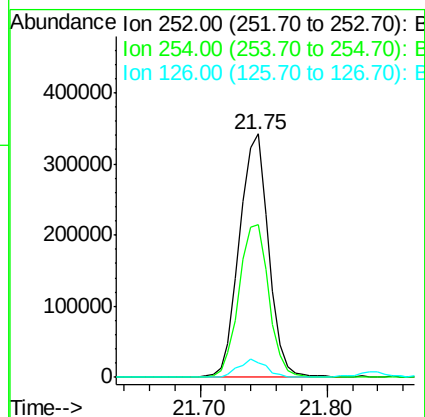
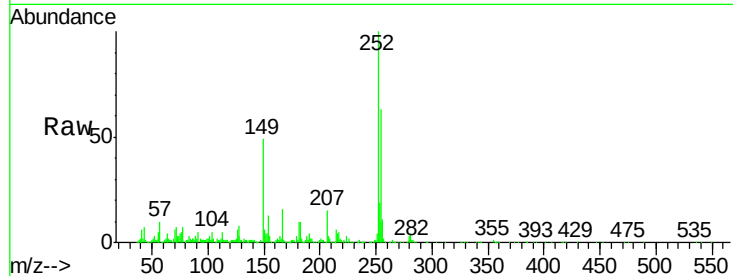




#81
 3,3'-Dichlorobenzidine
 Concen: 19.16 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

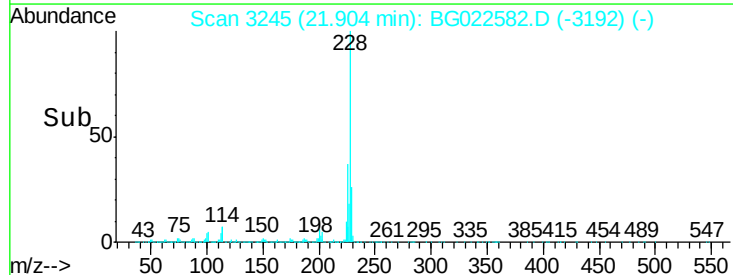
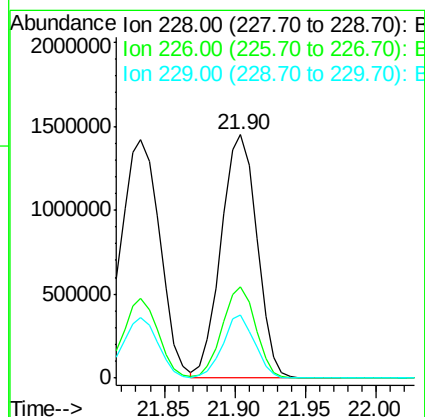
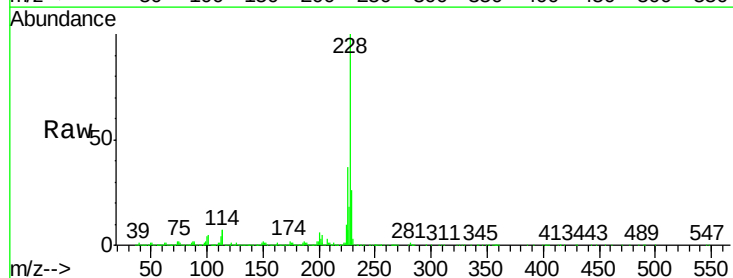
Instrument :
 BNA_G
 ClientSampleId :
 PB91573BS

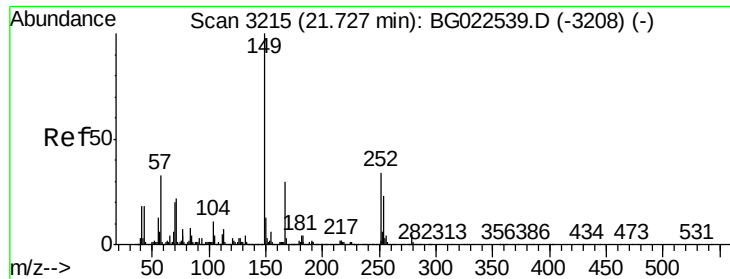
Tgt Ion:252 Resp: 542831
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.2 76.8
 126 6.1 5.3 7.9



#82
 Chrysene
 Concen: 39.72 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022582.D
 Acq: 25 Jun 2016 20:06

Tgt Ion:228 Resp: 2560423
 Ion Ratio Lower Upper
 228 100
 226 37.4 26.7 40.1
 229 25.8 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.40 ng

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

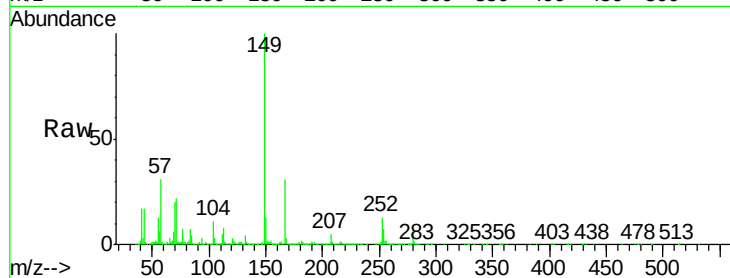
Tgt Ion:149 Resp: 1545222

Ion Ratio Lower Upper

149 100

167 31.4 24.0 36.0

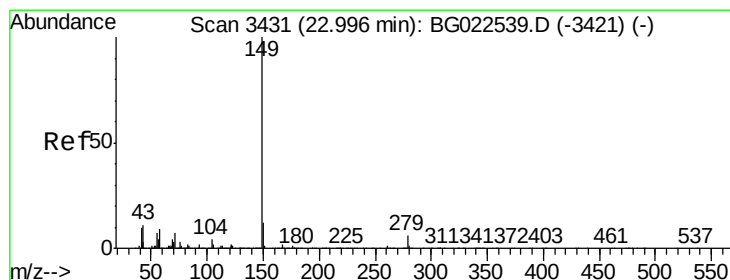
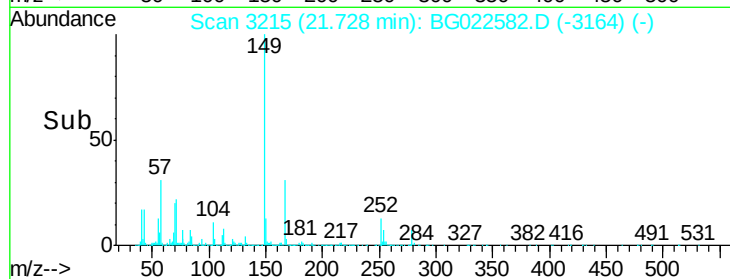
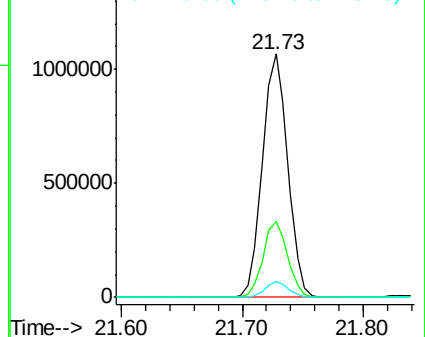
279 6.5 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.71 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

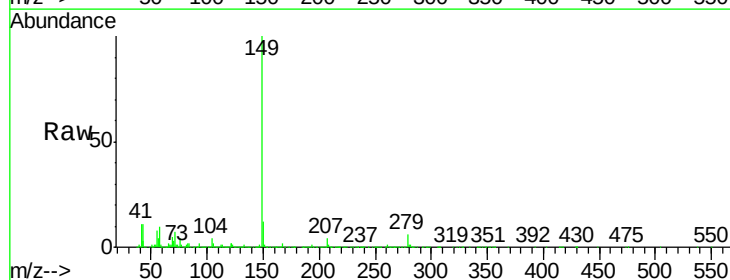
Tgt Ion:149 Resp: 2567508

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

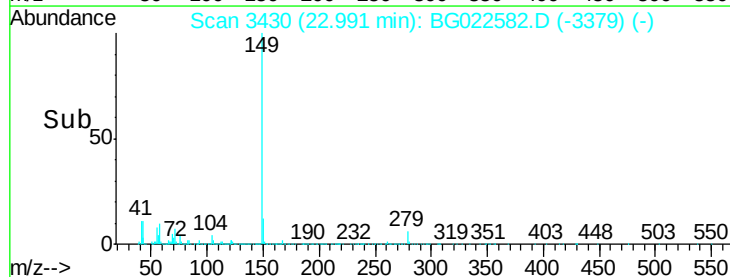
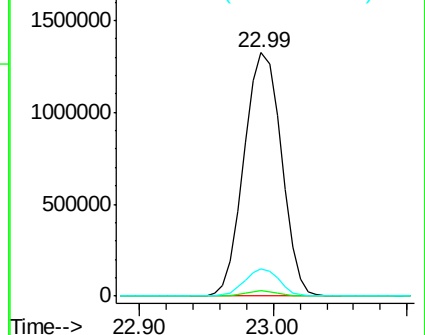
43 10.3 8.8 13.2

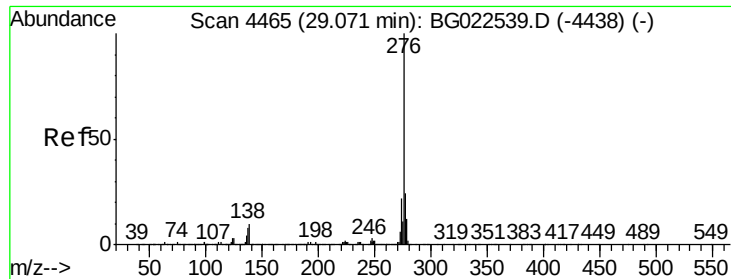


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.22 ng

RT: 29.07 min Scan# 4465

Delta R.T. 0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

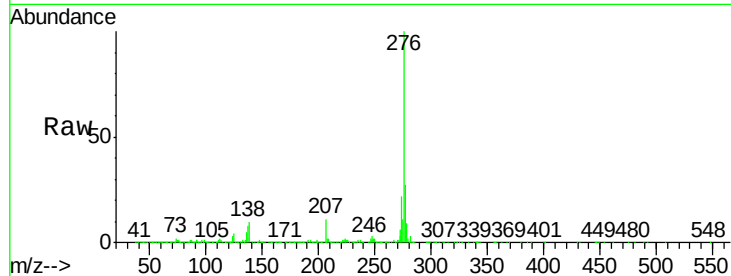
Tgt Ion:276 Resp: 3407055

Ion Ratio Lower Upper

276 100

138 8.3 0.0 0.0#

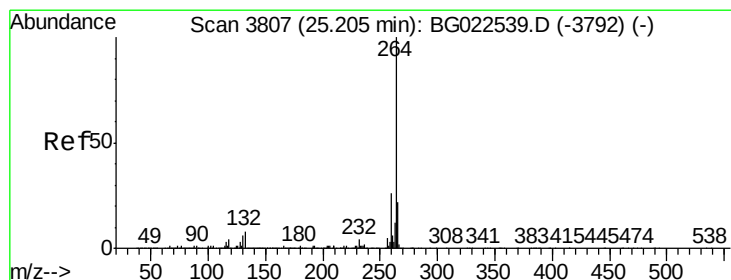
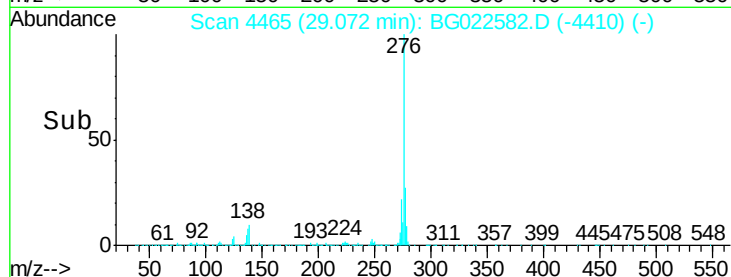
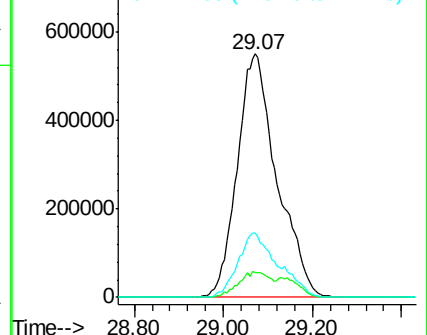
277 26.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

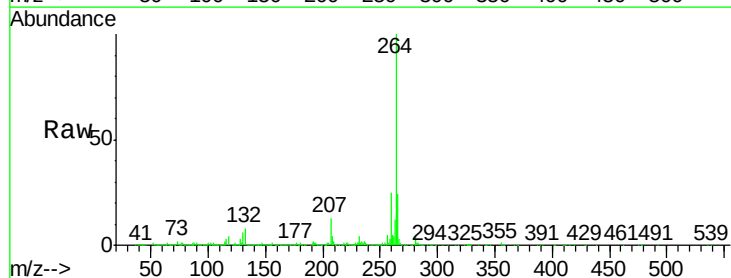
Tgt Ion:264 Resp: 1249082

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

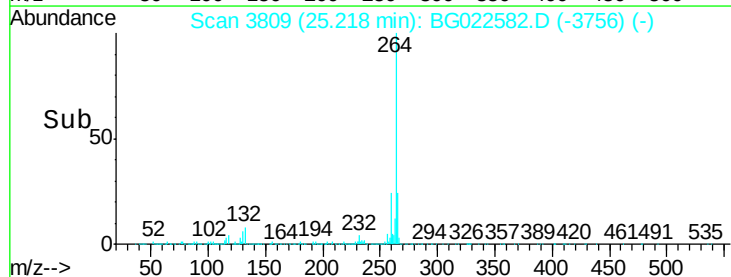
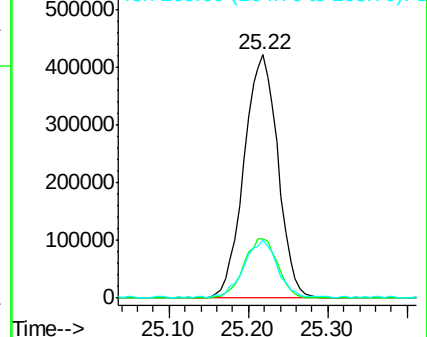
265 24.0 18.9 28.3

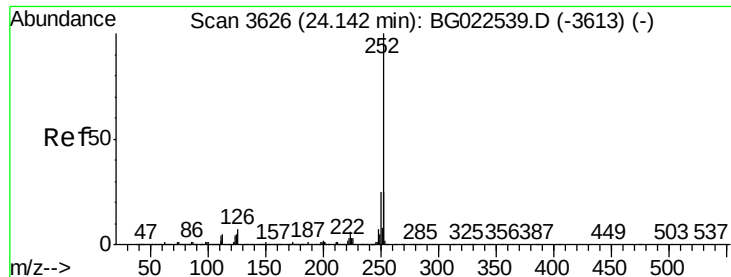


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.14 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

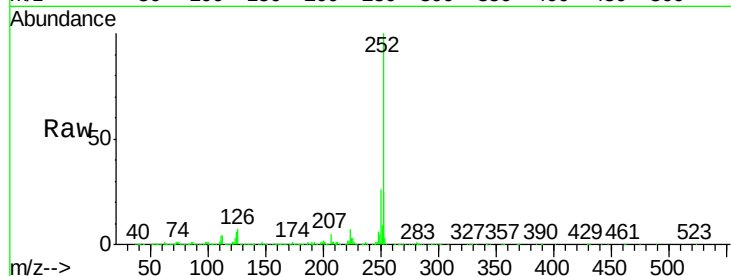
Tgt Ion:252 Resp: 3089610

Ion Ratio Lower Upper

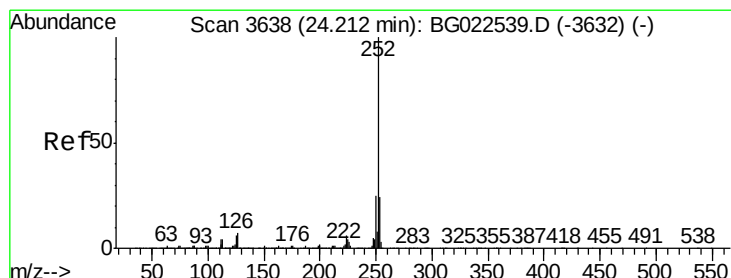
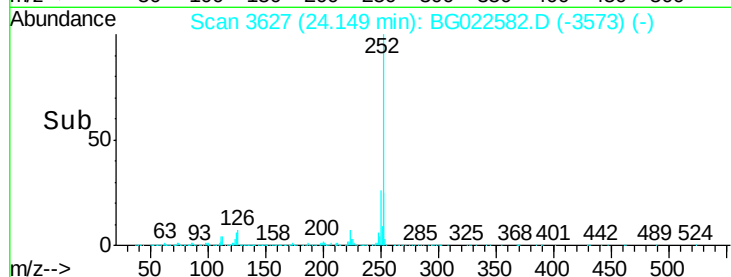
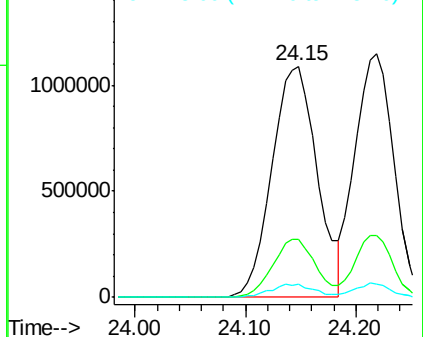
252 100

253 25.2 18.9 28.3

125 5.7 3.9 5.9



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



#88

Benzo(k)fluoranthene

Concen: 39.44 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

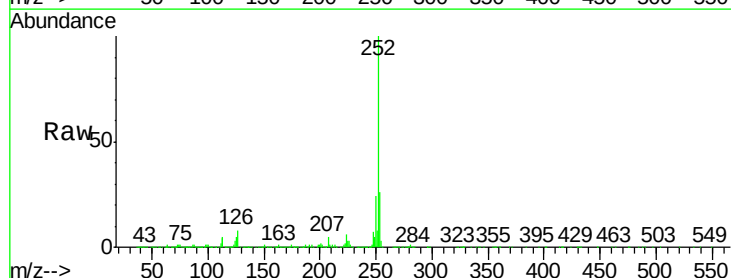
Tgt Ion:252 Resp: 2800215

Ion Ratio Lower Upper

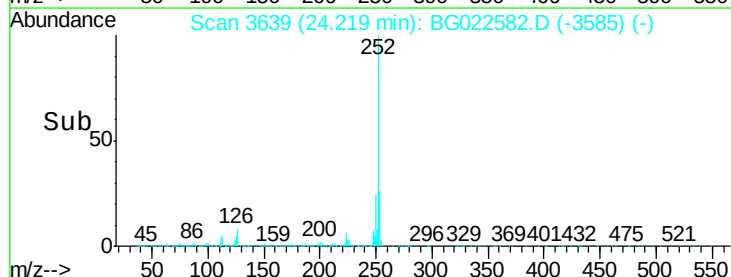
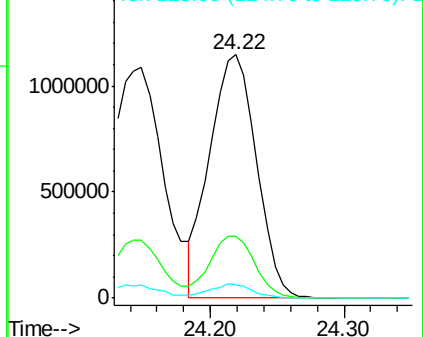
252 100

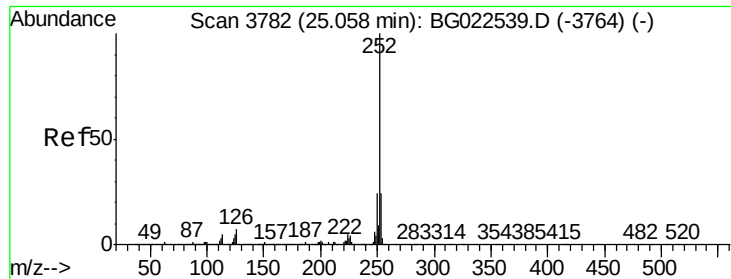
253 25.6 18.8 28.2

125 5.4 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 40.21 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

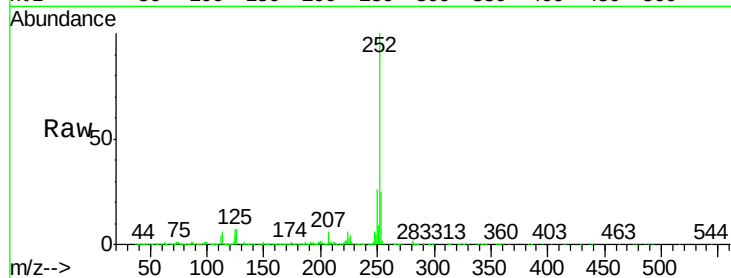
Tgt Ion:252 Resp: 2943897

Ion Ratio Lower Upper

252 100

253 24.6 18.7 28.1

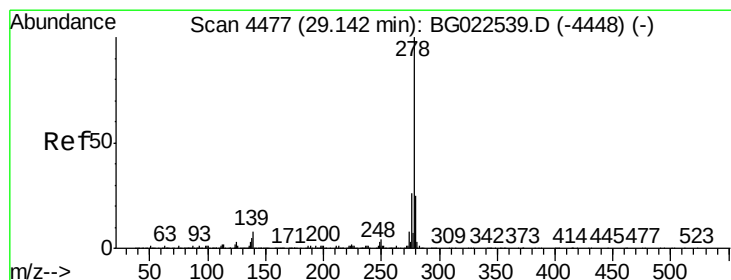
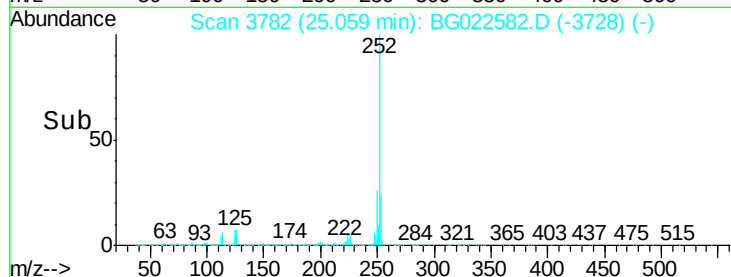
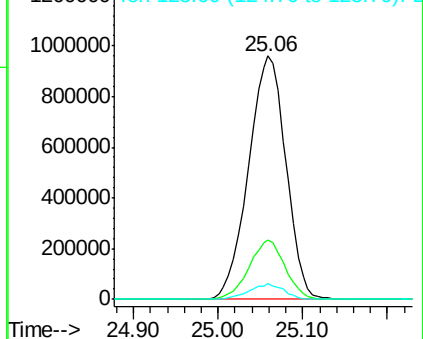
125 6.7 3.9 5.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 41.12 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.03 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

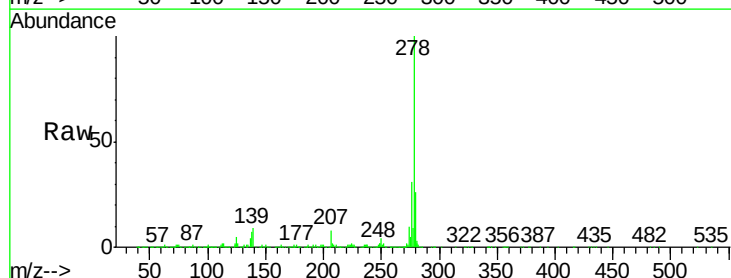
Tgt Ion:278 Resp: 2834174

Ion Ratio Lower Upper

278 100

139 8.7 4.7 7.1#

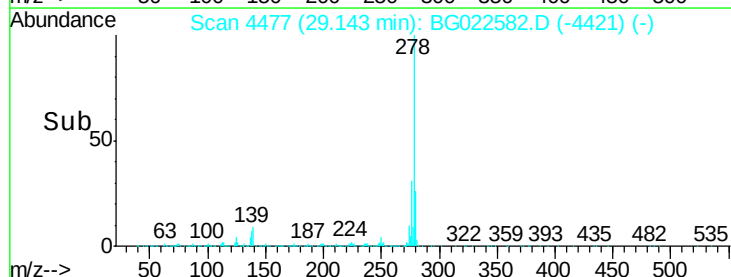
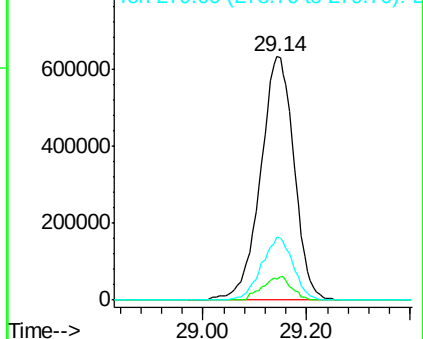
279 26.0 18.3 27.5

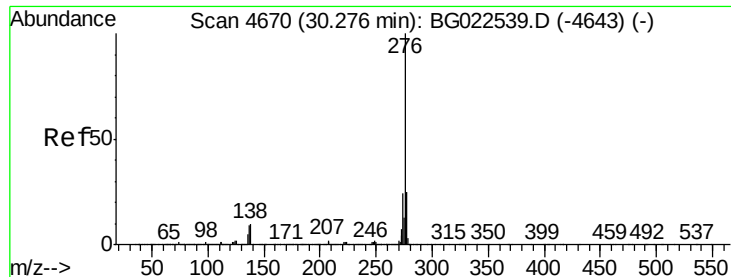


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.33 ng

RT: 30.28 min Scan# 4671

Delta R.T. 0.03 min

Lab File: BG022582.D

Acq: 25 Jun 2016 20:06

Instrument :

BNA_G

ClientSampleId :

PB91573BS

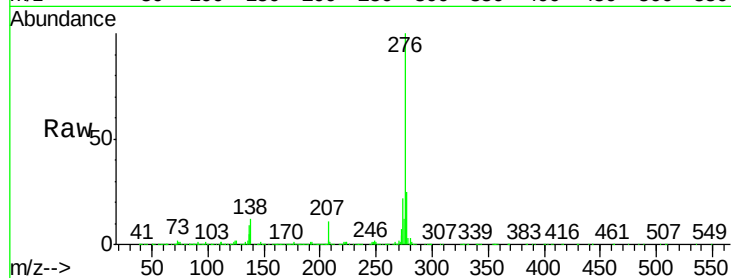
Tgt Ion:276 Resp: 2829520

Ion Ratio Lower Upper

276 100

277 25.4 18.6 27.8

138 11.6 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

