

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022685.D
 Acq On : 28 Jun 2016 21:06
 Operator : UM/SJ
 Sample : PB91509BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

Quant Time: Jun 29 04:16:02 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	8.16	152	116505	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	499728	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	357577	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	974584	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1180912	20.00	ng	0.00
86) Perylene-d12	25.21	264	1185370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1012120	139.34	ng	0.00
7) Phenol-d6	7.31	99	1495324	146.05	ng	0.00
23) Nitrobenzene-d5	9.33	82	1038350	87.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	831955	147.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2004702	88.91	ng	0.00
78) Terphenyl-d14	20.15	244	3216320	72.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	106265	36.10	ng	96
3) Pyridine	3.98	79	334371	40.60	ng	94
4) n-Nitrosodimethylamine	3.89	42	180793	38.38	ng	# 95
6) Aniline	7.48	93	291396	21.47	ng	99
8) 2-Chlorophenol	7.72	128	362223	48.14	ng	100
9) Benzaldehyde	7.30	77	7335	2.04	ng	# 78
10) Phenol	7.33	94	545840	50.44	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	381888	42.87	ng	99
12) 1,3-Dichlorobenzene	8.05	146	392065	42.82	ng	97
13) 1,4-Dichlorobenzene	8.20	146	390083	42.50	ng	97
14) 1,2-Dichlorobenzene	8.52	146	383763	43.96	ng	95
15) Benzyl Alcohol	8.40	79	462385	48.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	407248	41.34	ng	99
17) 2-Methylphenol	8.60	107	348095	48.80	ng	97
18) Hexachloroethane	9.25	117	161939	42.62	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	360759	42.31	ng	96
20) 3+4-Methylphenols	8.93	107	477408	48.59	ng	97
22) Acetophenone	8.98	105	630833	43.67	ng	# 91
24) Nitrobenzene	9.37	77	555902	42.60	ng	94
25) Isophorone	9.89	82	953161	41.59	ng	99
26) 2-Nitrophenol	10.09	139	216801	46.12	ng	91
27) 2,4-Dimethylphenol	10.14	122	394916	43.97	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	546164	43.64	ng	98
29) 2,4-Dichlorophenol	10.63	162	432957	49.48	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	446617	42.99	ng	100
31) Naphthalene	11.03	128	1088318	43.33	ng	98
32) Benzoic acid	10.27	122	274980	46.96	ng	96
33) 4-Chloroaniline	11.15	127	83793	7.74	ng	# 91
34) Hexachlorobutadiene	11.31	225	351111	43.48	ng	94
35) Caprolactam	11.92	113	142594m	51.73	ng	
36) 4-Chloro-3-methylphenol	12.25	107	522530	48.65	ng	99
37) 2-Methylnaphthalene	12.63	142	849084	43.59	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	580179	42.98	ng	99
40) Hexachlorocyclopentadiene	12.97	237	796152	73.88	ng	98

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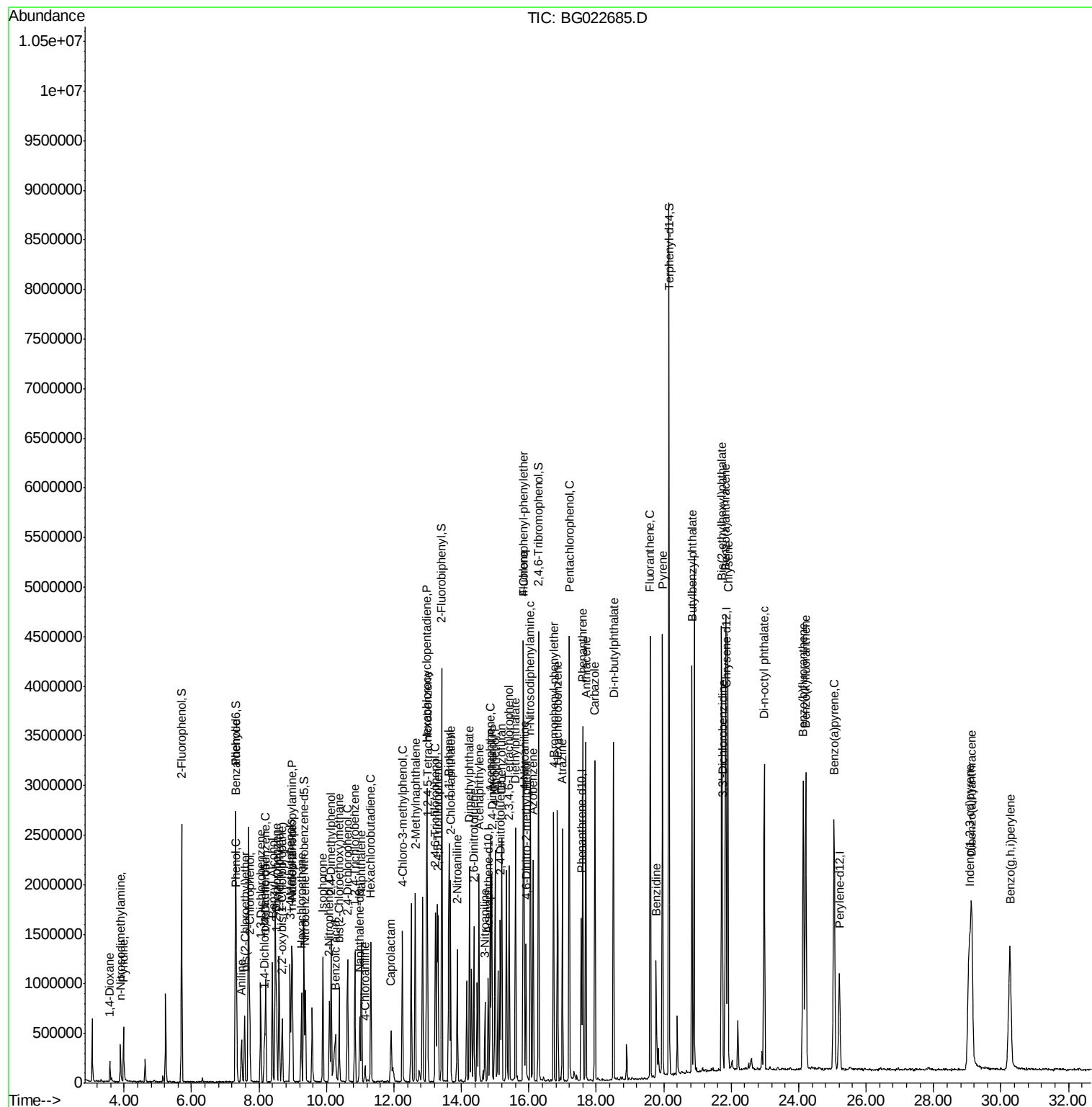
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	422188	48.77	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	440636	48.65	nq	98
45) 1,1'-Biphenyl	13.63	154	1196129	43.91	nq	99
46) 2-Chloronaphthalene	13.68	162	984319	43.92	nq	96
47) 2-Nitroaniline	13.88	65	402195	46.49	nq	96
48) Acenaphthylene	14.52	152	1432829	44.08	nq	98
49) Dimethylphthalate	14.24	163	1316977	44.40	nq	98
50) 2,6-Dinitrotoluene	14.37	165	306786	47.60	nq	88
51) Acenaphthene	14.86	154	958597	40.03	nq	97
52) 3-Nitroaniline	14.70	138	164935	27.35	nq	98
53) 2,4-Dinitrophenol	14.90	184	437320	110.15	nq	95
54) Dibenzofuran	15.19	168	1542661	44.47	nq	100
55) 4-Nitrophenol	15.00	139	509887	99.98	nq	95
56) 2,4-Dinitrotoluene	15.15	165	457091	51.19	nq	94
57) Fluorene	15.85	166	1267105	45.78	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	468073	49.84	nq	# 98
59) Diethylphthalate	15.61	149	1355356	44.44	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	754288	45.77	nq	95
61) 4-Nitroaniline	15.86	138	304725	48.97	nq	89
62) Azobenzene	16.13	77	1385200	41.94	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	323357	49.47	nq	92
65) n-Nitrosodiphenylamine	16.05	169	1209451	42.65	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	539940	42.71	nq	96
67) Hexachlorobenzene	16.85	284	569483	42.60	nq	98
68) Atrazine	17.00	200	503825	42.08	nq	99
69) Pentachlorophenol	17.20	266	843879	91.72	nq	96
70) Phenanthrene	17.60	178	2157068	43.40	nq	98
71) Anthracene	17.69	178	2153530	42.10	nq	98
72) Carbazole	17.96	167	1985025	45.78	nq	98
73) Di-n-butylphthalate	18.51	149	2270045	44.96	nq	97
74) Fluoranthene	19.60	202	2643640	46.17	nq	94
76) Benzidine	19.78	184	936328	74.47	nq	98
77) Pyrene	19.97	202	2676455	42.55	nq	95
79) Butylbenzylphthalate	20.84	149	1169754	42.96	nq	94
80) Benzo(a)anthracene	21.83	228	2887232	44.19	nq	98
81) 3,3'-Dichlorobenzidine	21.74	252	699301	25.91	nq	97
82) Chrysene	21.90	228	2734535	44.53	nq	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1601270	41.77	nq	97
84) Di-n-octyl phthalate	22.98	149	2680471	42.42	nq	97
85) Indeno(1,2,3-cd)pyrene	29.07	276	3555757	44.07	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	3174535	44.54	nq	97
88) Benzo(k)fluoranthene	24.21	252	3045683	45.20	nq	# 95
89) Benzo(a)pyrene	25.05	252	3134273	45.11	nq	# 97
90) Dibenzo(a,h)anthracene	29.13	278	2918330	44.61	nq	# 92
91) Benzo(g,h,i)perylene	30.27	276	2875462	43.18	nq	95

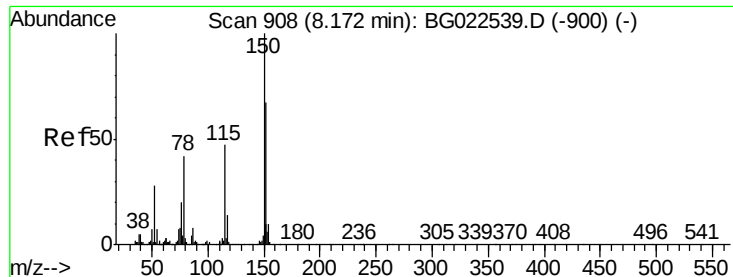
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleID :

PB91509BS

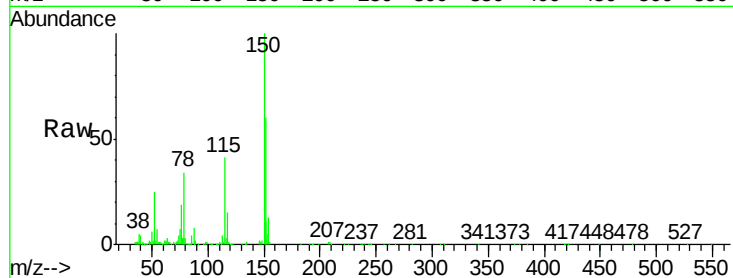
Tot Ion:152 Resp: 116505

Ion Ratio Lower Upper

152 100

150 165.6 144.7 217.1

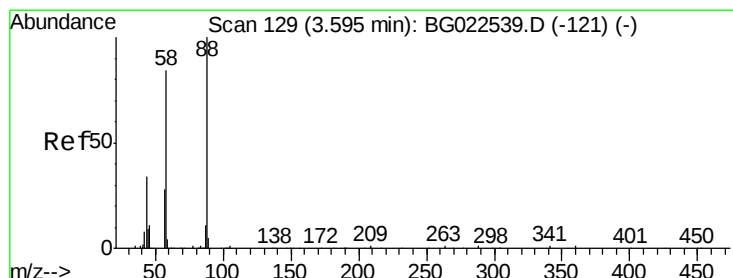
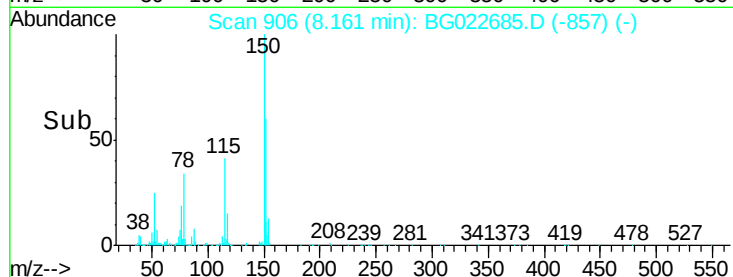
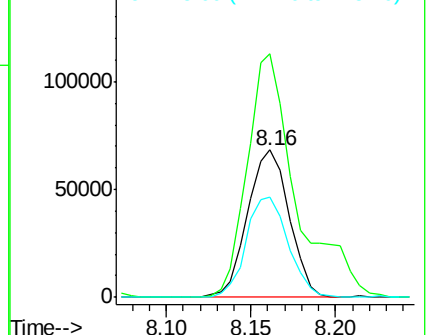
115 67.9 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.10 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

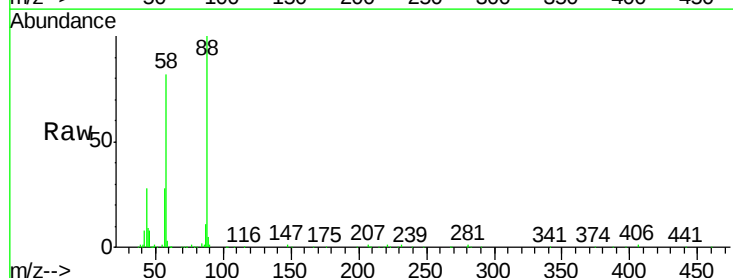
Tgt Ion: 88 Resp: 106265

Ion Ratio Lower Upper

88 100

58 73.4 60.4 90.6

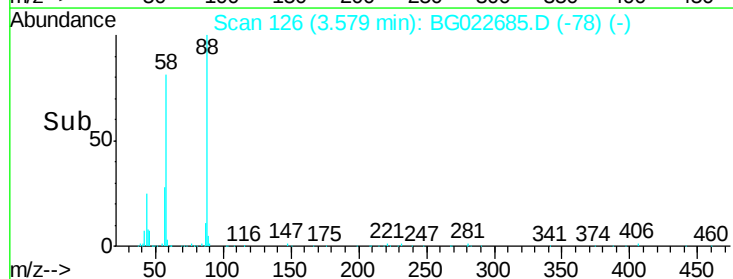
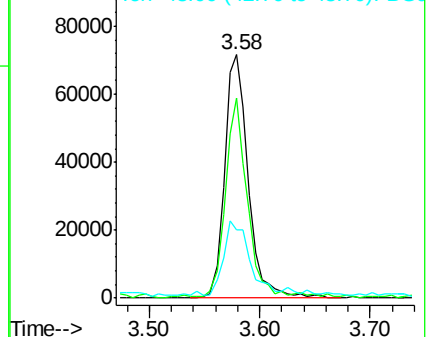
43 34.3 31.1 46.7

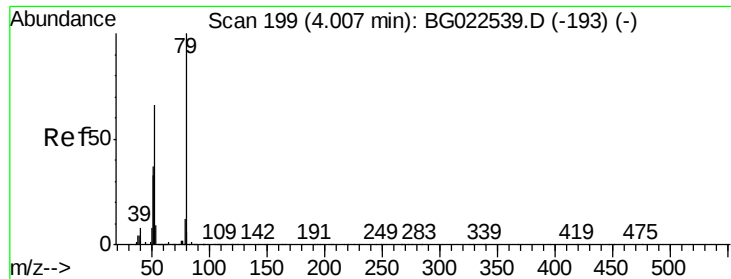


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

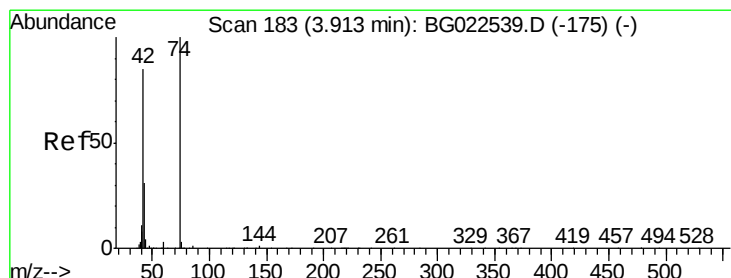
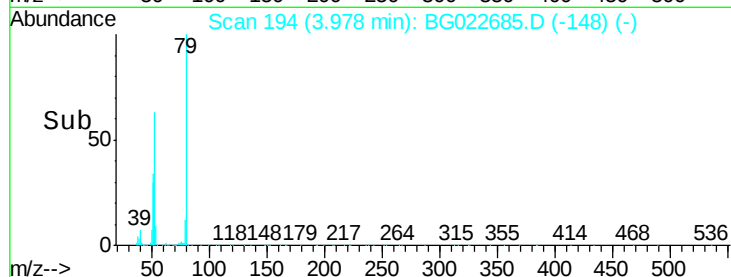
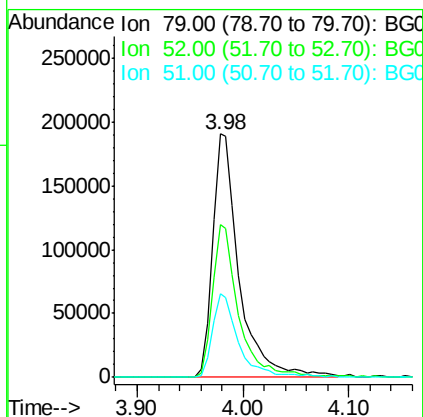
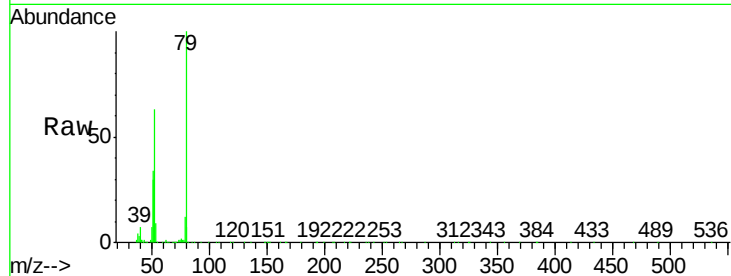




#3
 Pvridine
 Concen: 40.60 ng
 RT: 3.98 min Scan# 194
 Delta R.T. -0.03 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

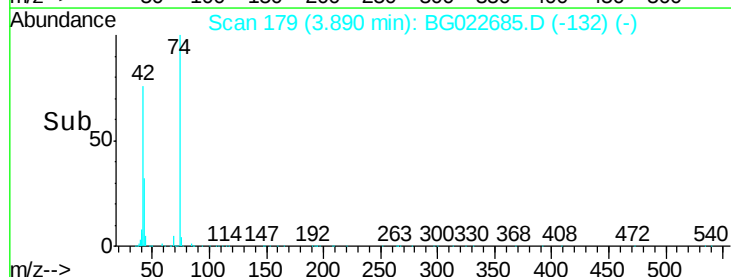
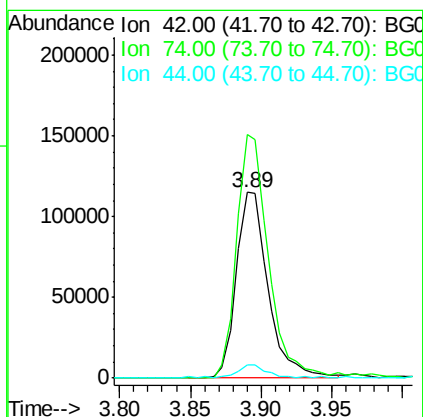
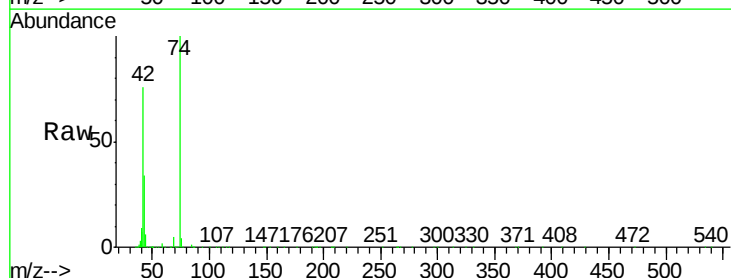
Instrument :
 BNA_G
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 PB91509BS

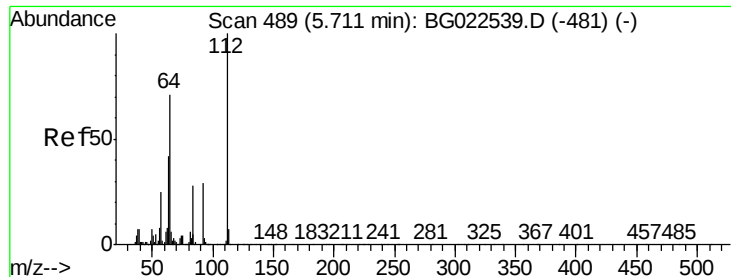
Tot Ion: 79 Resp: 334371
 Ion Ratio Lower Upper
 79 100
 52 62.9 51.8 77.8
 51 34.4 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 38.38 ng
 RT: 3.89 min Scan# 179
 Delta R.T. -0.02 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion: 42 Resp: 180793
 Ion Ratio Lower Upper
 42 100
 74 131.3 100.6 150.8
 44 7.3 4.5 6.7#





#5

2-Fluorophenol

Concen: 139.34 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

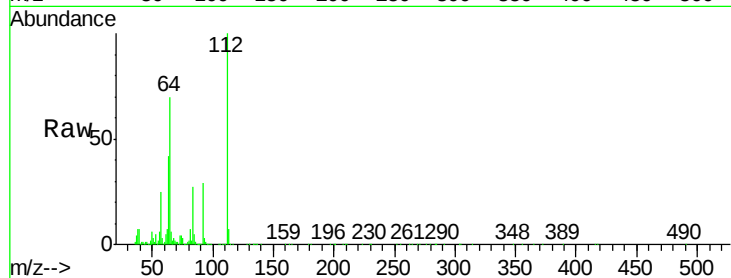
Tot Ion:112 Resp: 1012120

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

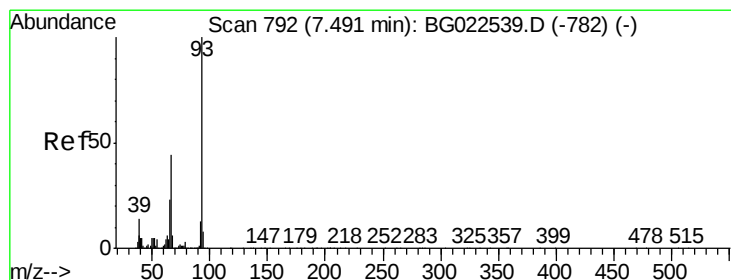
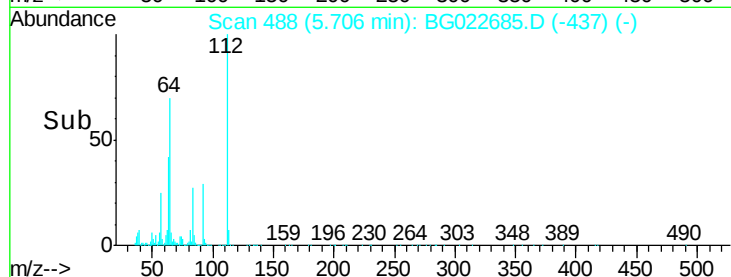
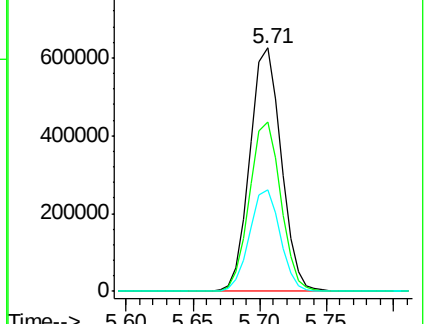
63 41.8 37.8 56.8



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: 21.47 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

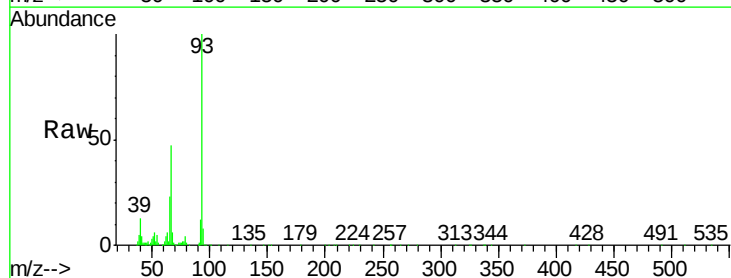
Tgt Ion: 93 Resp: 291396

Ion Ratio Lower Upper

93 100

66 46.6 37.5 56.3

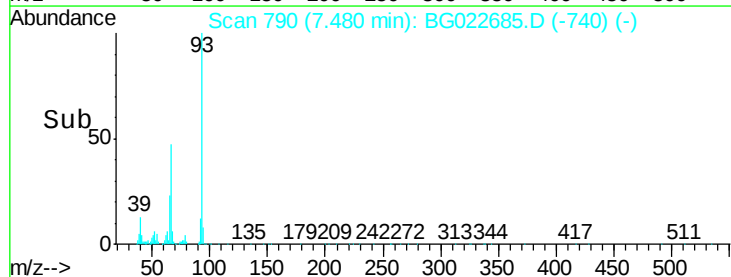
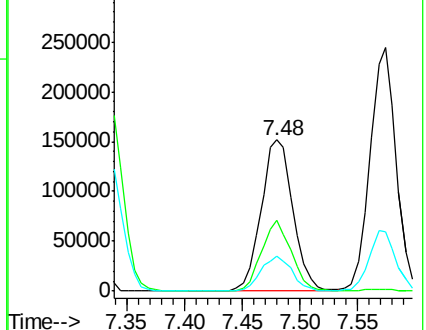
65 23.4 17.9 26.9

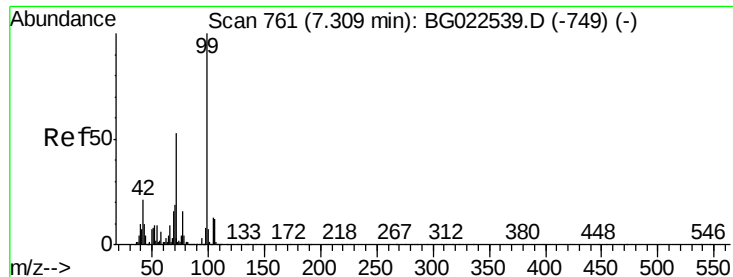


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.05 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

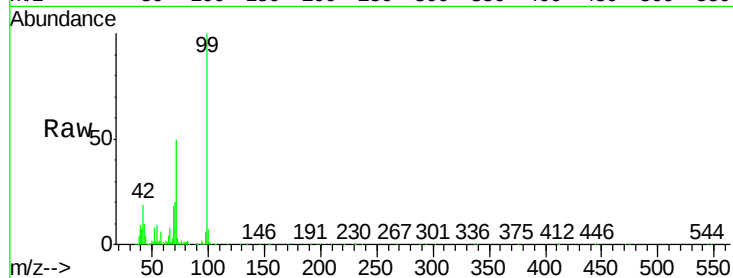
BNA_G

ClientSampled :

PB91509BS

Tot Ion: 99 Resp: 1495324

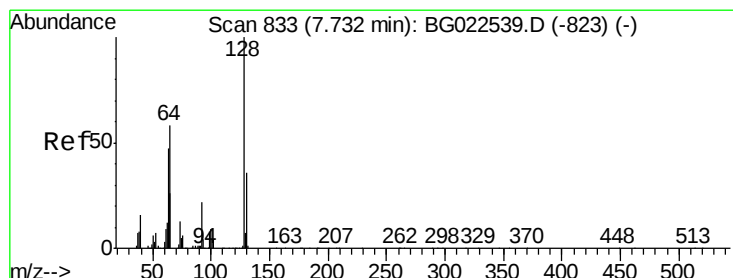
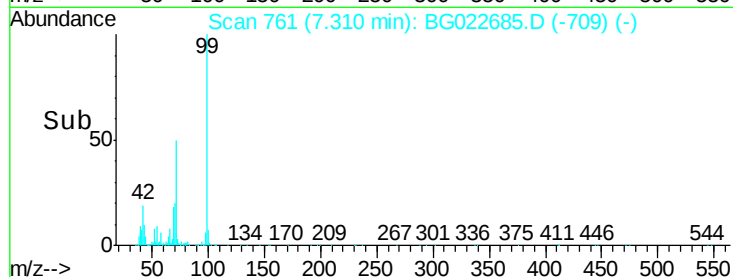
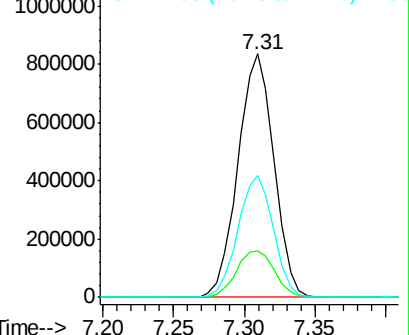
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	50.2	41.5	62.3



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: 48.14 ng

RT: 7.72 min Scan# 831

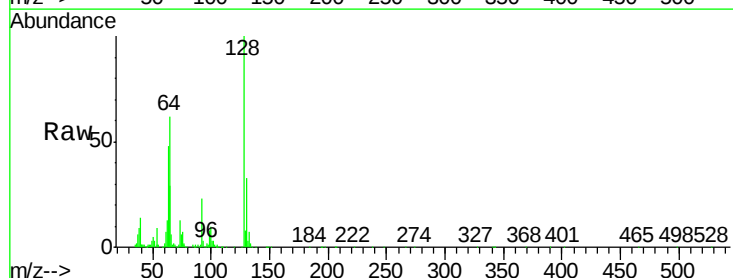
Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion: 128 Resp: 362223

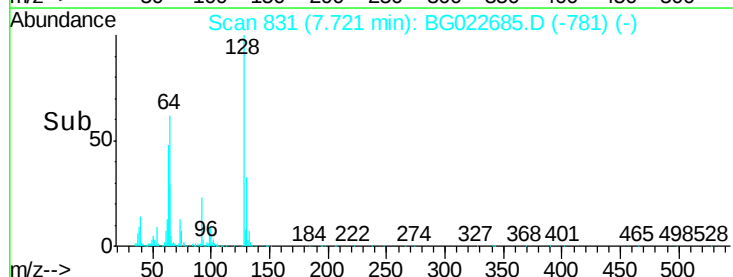
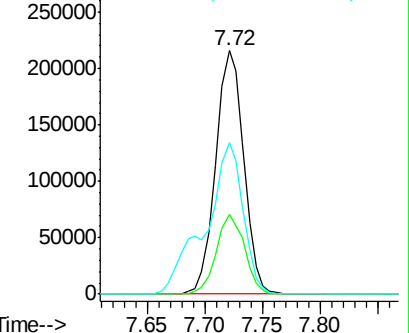
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	62.1	42.0	82.0

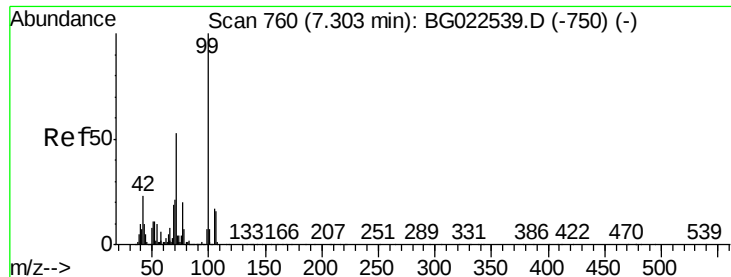


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.04 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

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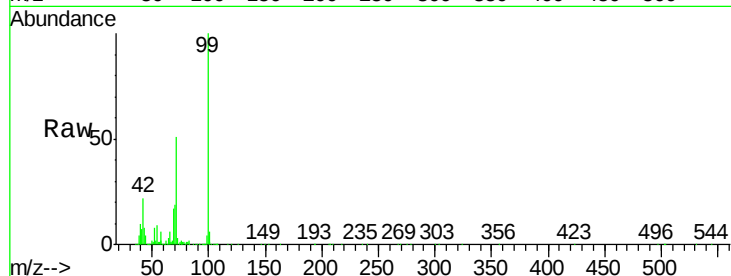
Tot Ion: 77 Resp: 7335

Ion Ratio Lower Upper

77 100

105 64.7 58.7 98.7

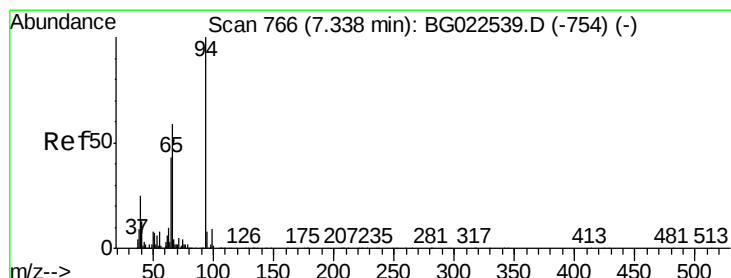
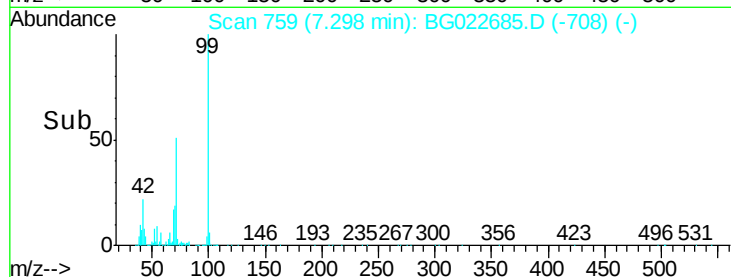
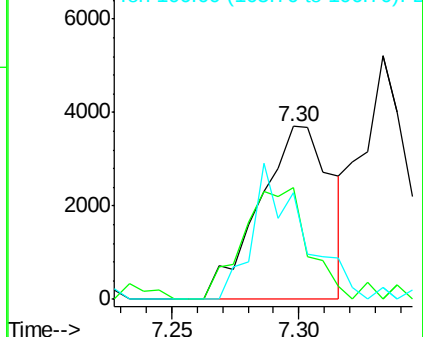
106 61.8 67.5 107.5#



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: 50.44 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

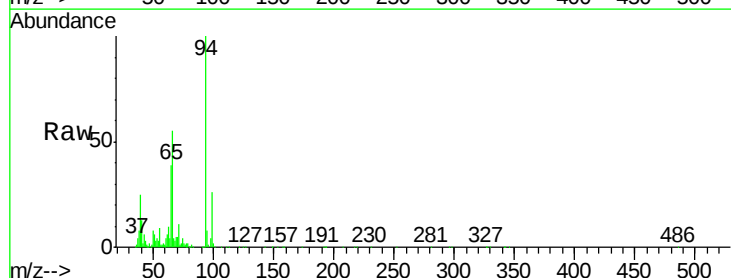
Tgt Ion: 94 Resp: 545840

Ion Ratio Lower Upper

94 100

65 38.6 18.1 58.1

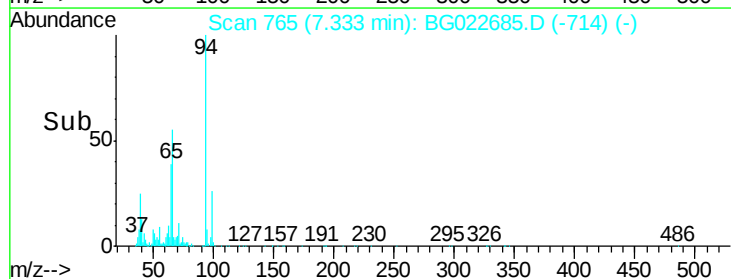
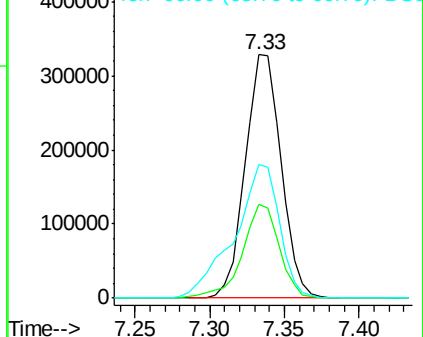
66 55.0 42.1 82.1

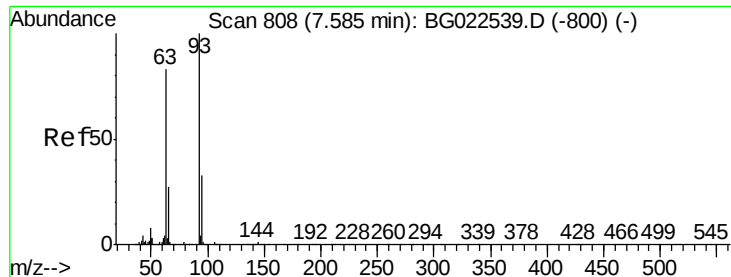


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

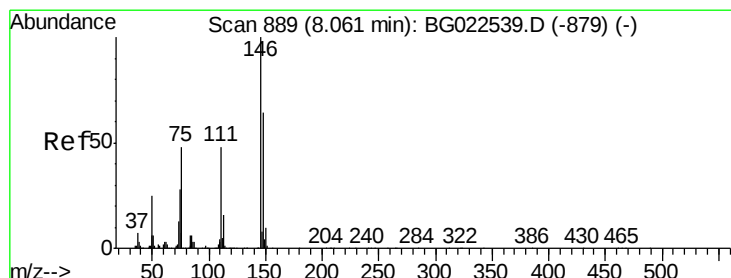
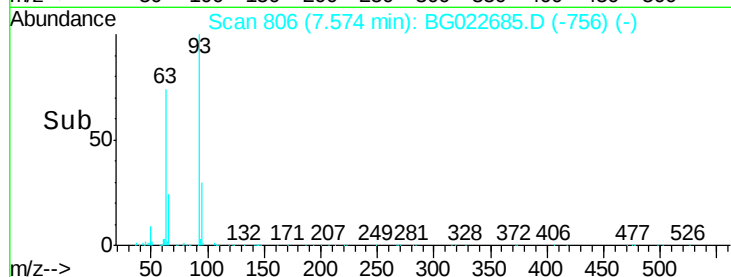
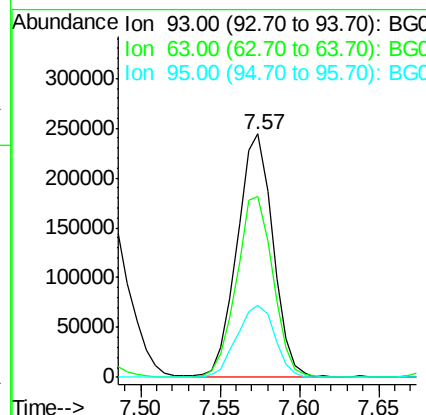
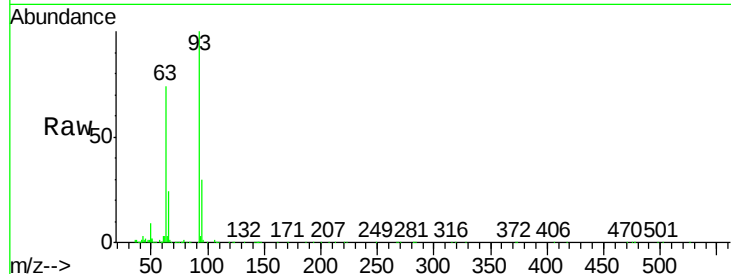




#11
bis(2-Chloroethyl)ether
Concen: 42.87 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

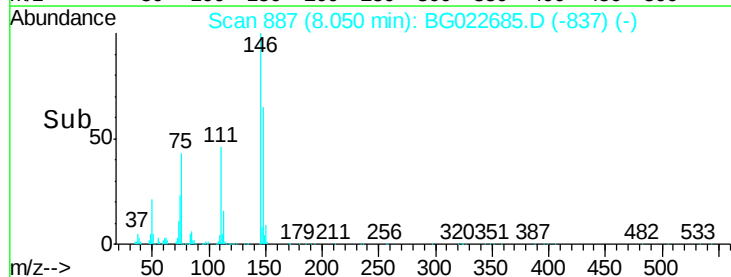
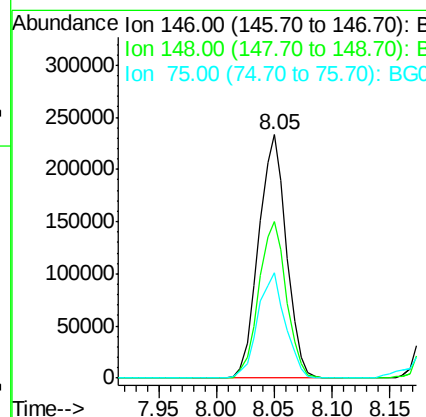
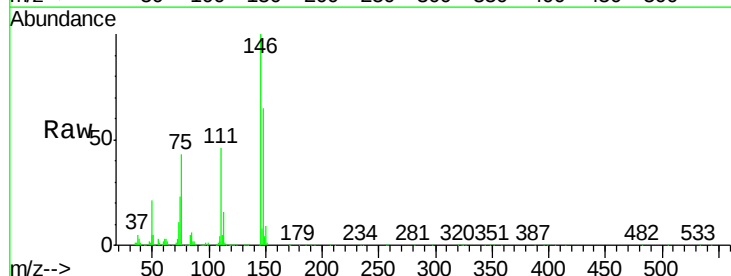
Instrument :
BNA_G
ClientSampleId :
PB91509BS

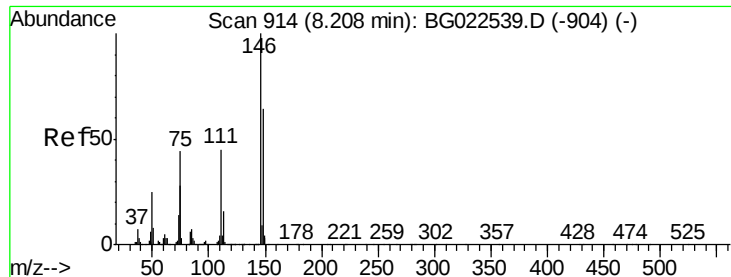
Tot Ion: 93 Resp: 381888
Ion Ratio Lower Upper
93 100
63 74.2 55.0 95.0
95 29.6 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 42.82 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion: 146 Resp: 392065
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
75 43.3 37.0 55.6

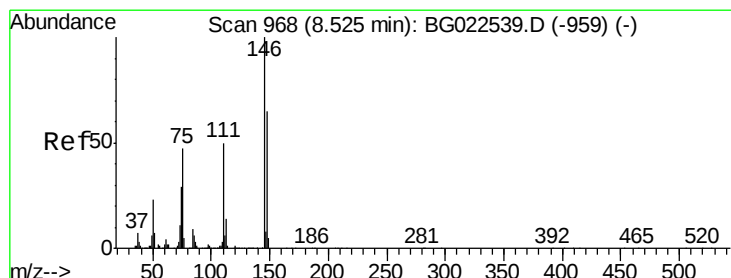
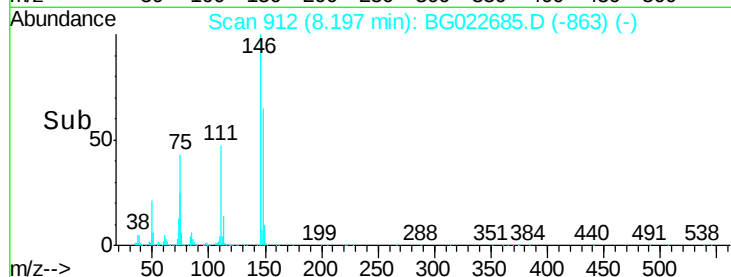
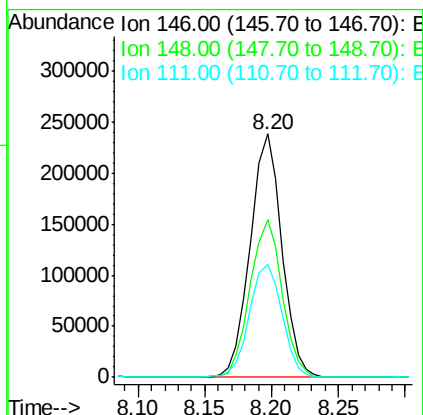
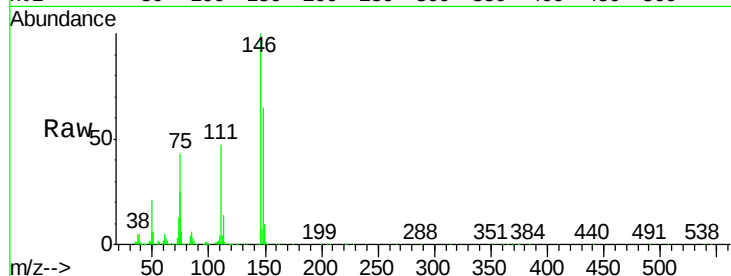




#13
 1,4-Dichlorobenzene
 Concen: 42.50 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

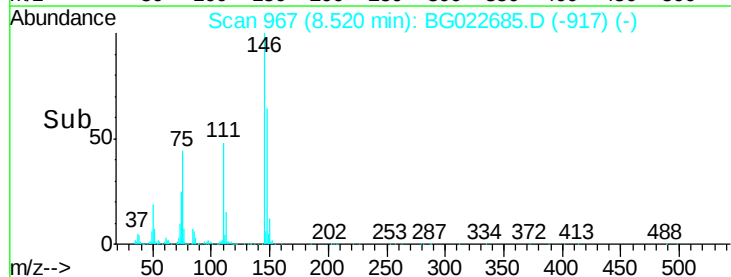
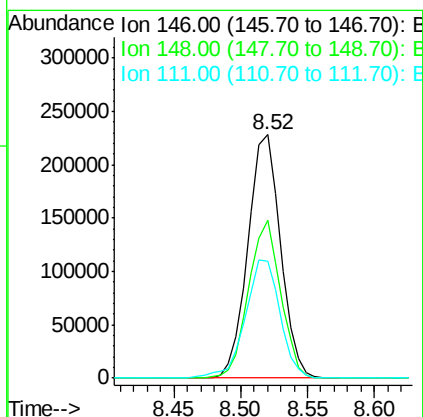
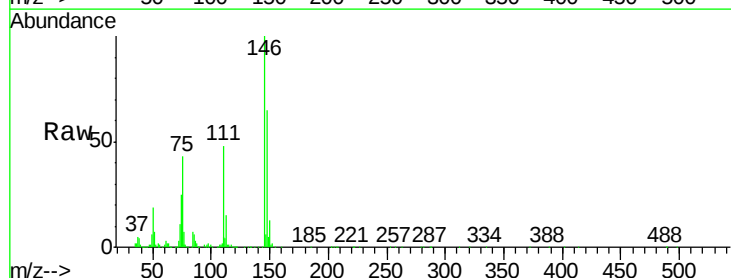
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

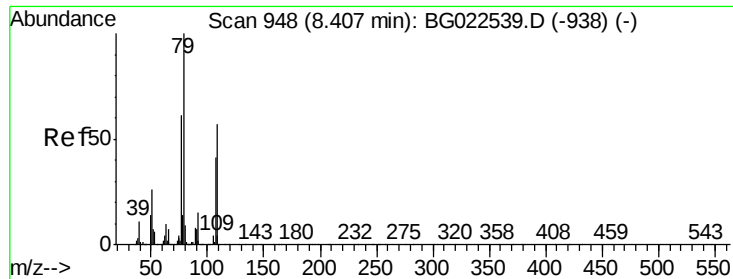
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.5	81.7
111	46.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 43.96 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.9	79.3
111	48.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 48.81 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

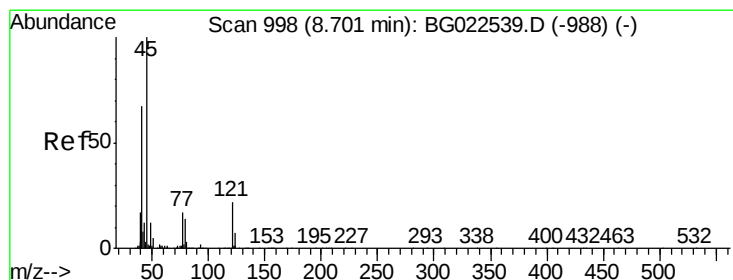
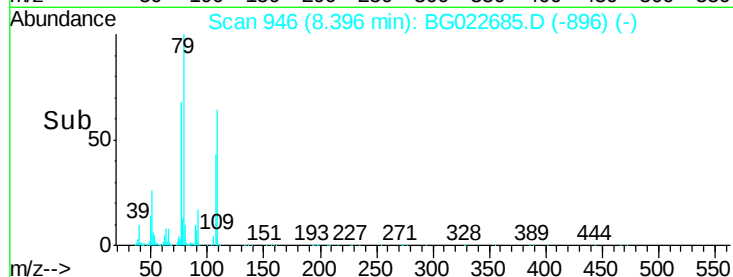
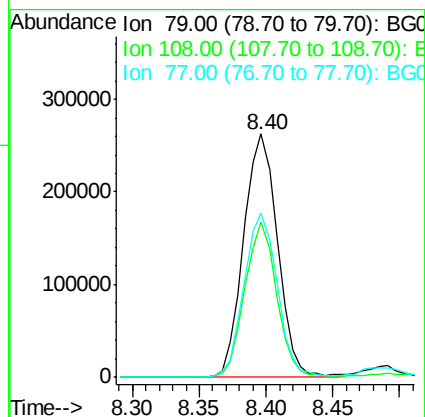
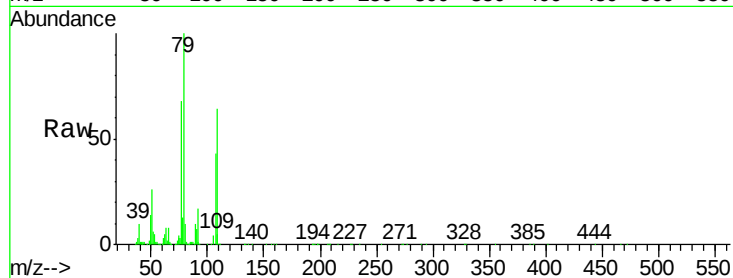
Tot Ion: 79 Resp: 462385

Ion Ratio Lower Upper

79 100

108 63.8 46.5 69.7

77 67.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.34 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

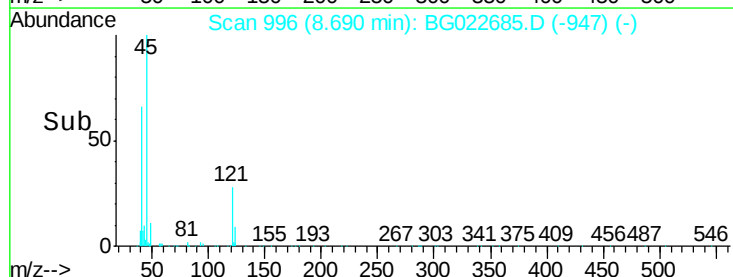
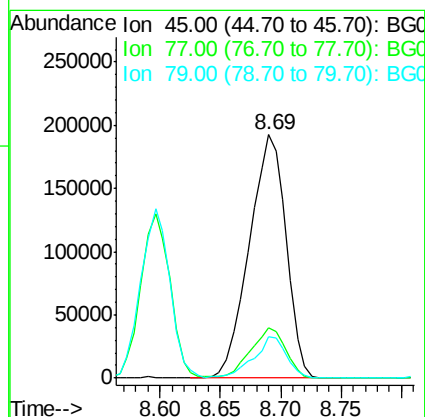
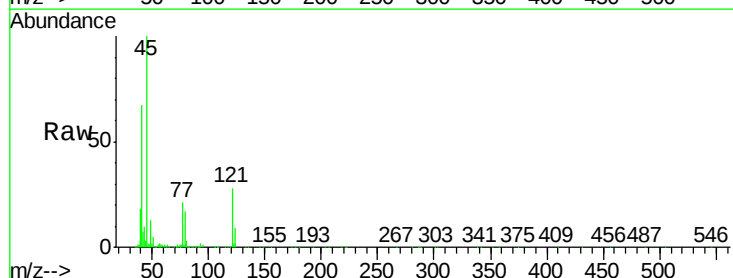
Tgt Ion: 45 Resp: 407248

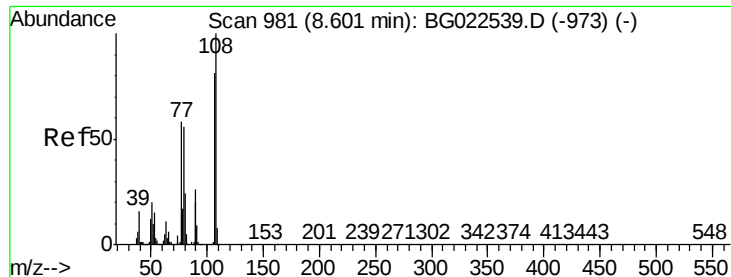
Ion Ratio Lower Upper

45 100

77 20.7 0.6 40.6

79 16.7 0.0 36.2

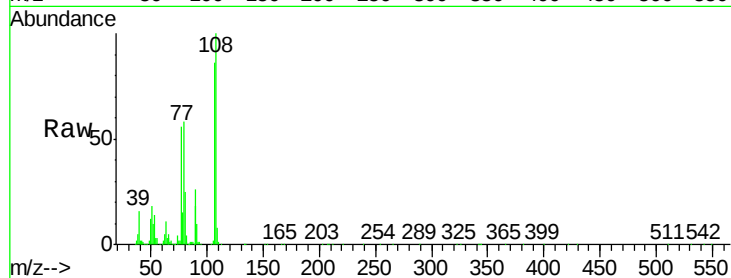




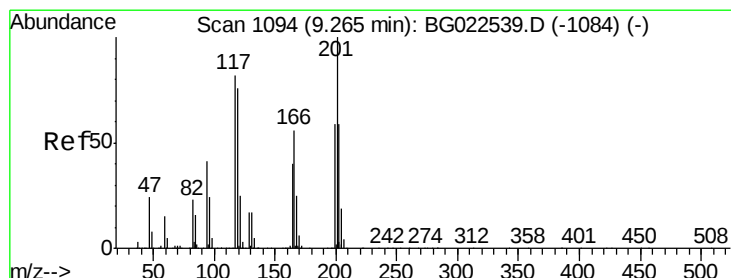
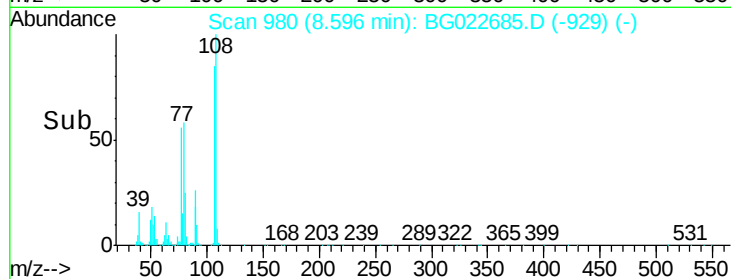
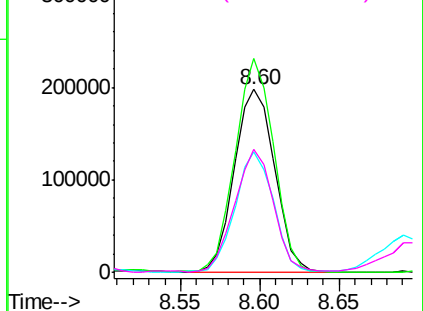
#17
2-Methylphenol
Concen: 48.80 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:	107	Resp:	348095
Ion	Ratio	Lower	Upper
107	100		
108	116.8	92.0	138.0
77	65.5	55.8	83.6
79	67.4	55.0	82.6

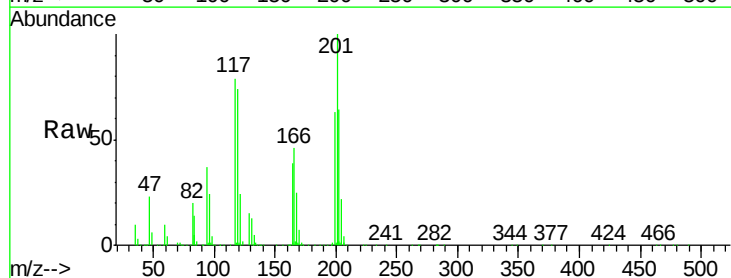


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

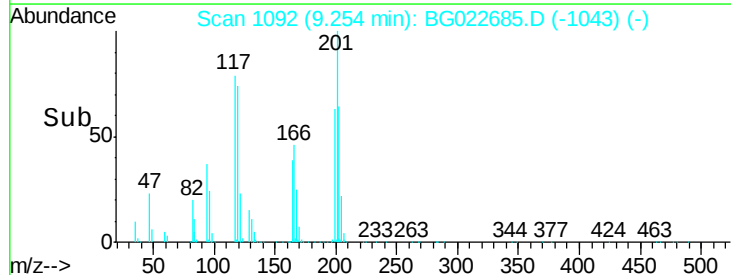
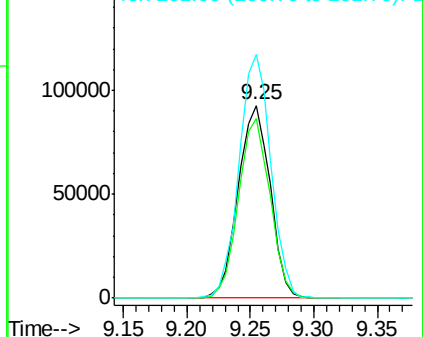


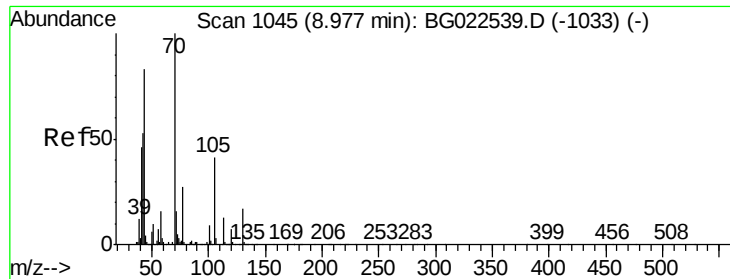
#18
Hexachloroethane
Concen: 42.62 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:	117	Resp:	161939
Ion	Ratio	Lower	Upper
117	100		
119	92.1	73.7	110.5
201	124.8	88.7	133.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

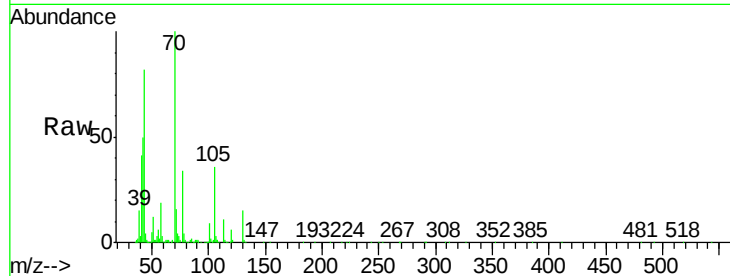




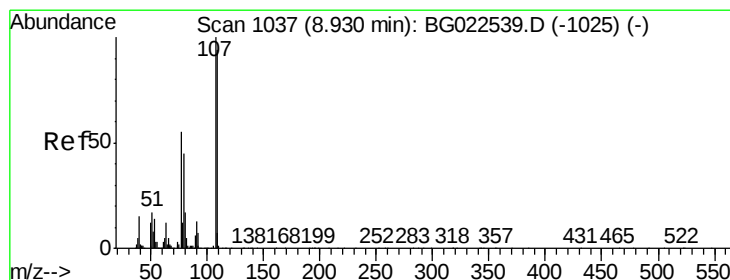
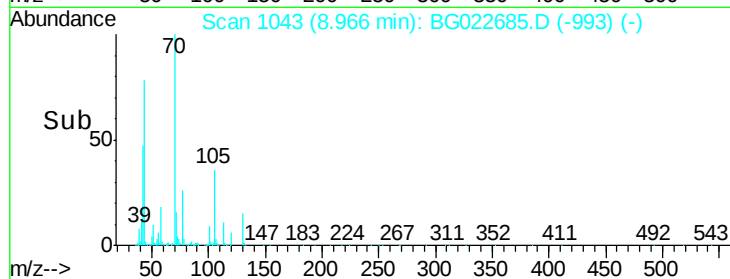
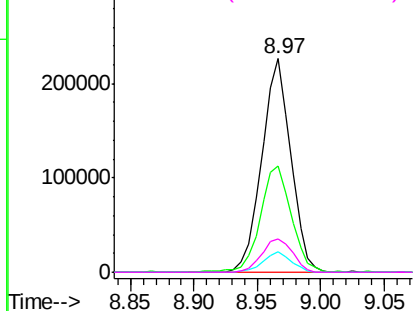
#19
n-Nitroso-di-n-propylamine
Concen: 42.31 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:	70	Resp:	360759
Ion	Ratio	Lower	Upper
70	100		
42	49.8	42.1	63.1
101	9.3	7.2	10.8
130	15.4	14.2	21.2

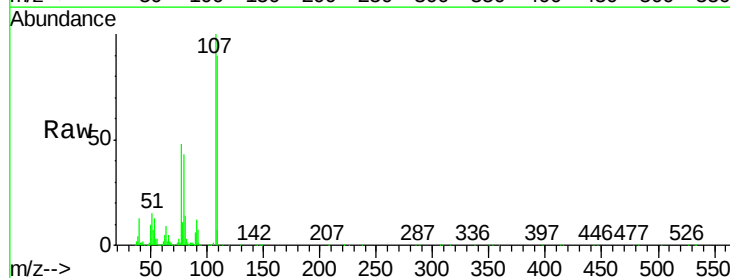


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

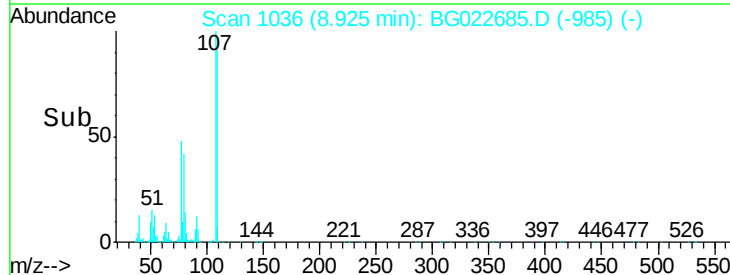
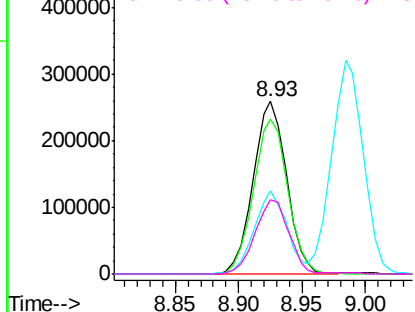


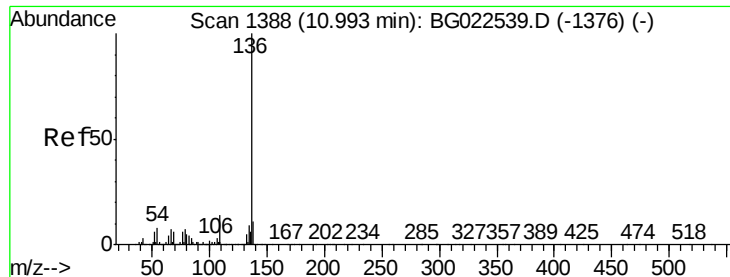
#20
3+4-Methylphenols
Concen: 48.59 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:	107	Resp:	477408
Ion	Ratio	Lower	Upper
107	100		
108	90.0	72.5	112.5
77	48.2	30.1	70.1
79	42.9	24.2	64.2



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

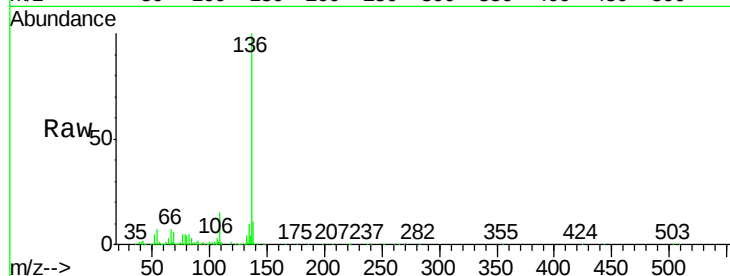




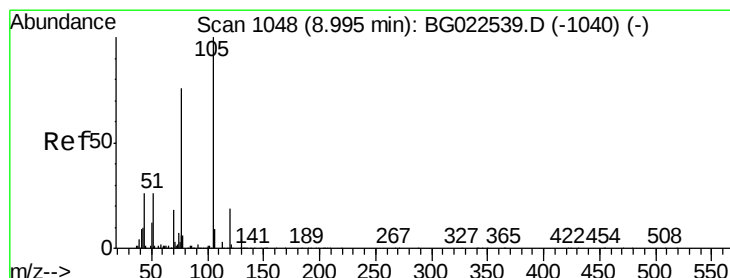
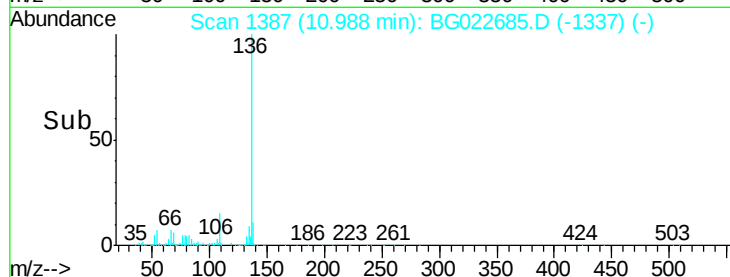
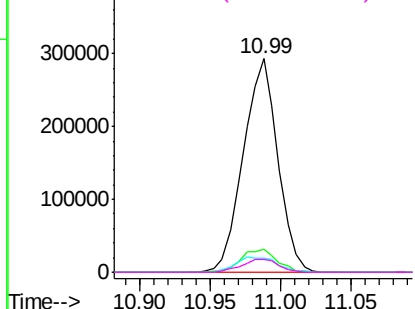
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:136	Resp:	499728	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.6	14.4	
54 6.7	7.3	10.9#	
68 5.7	5.3	7.9	

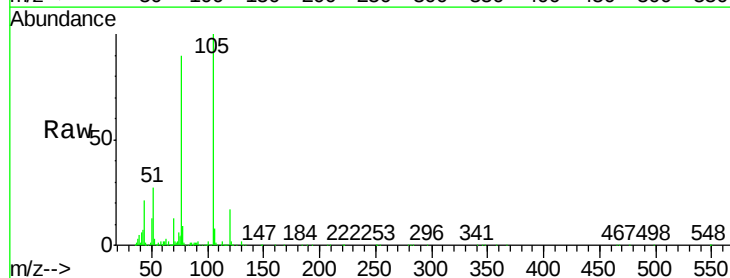


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

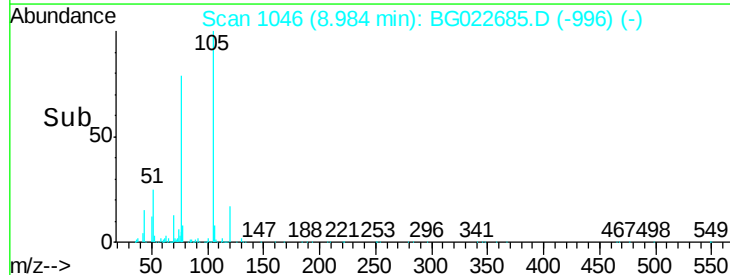
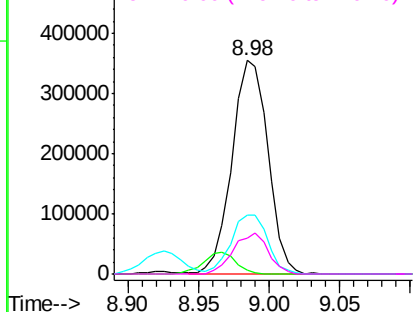


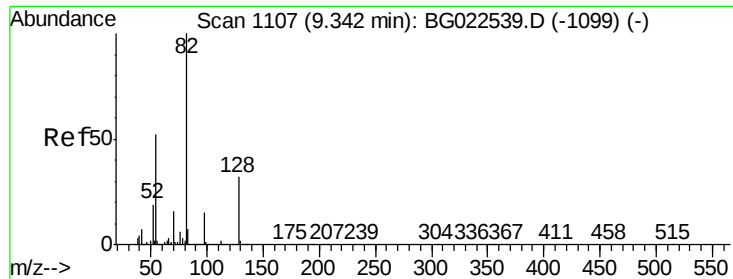
#22
Acetophenone
Concen: 43.67 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt	Ion:105	Resp:	630833
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.6	3.8#
51	27.4	27.1	40.7
120	16.8	15.1	22.7



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

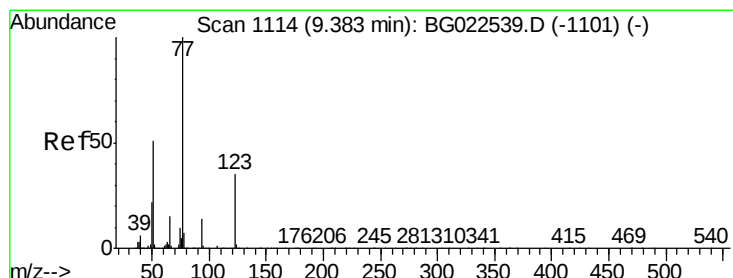
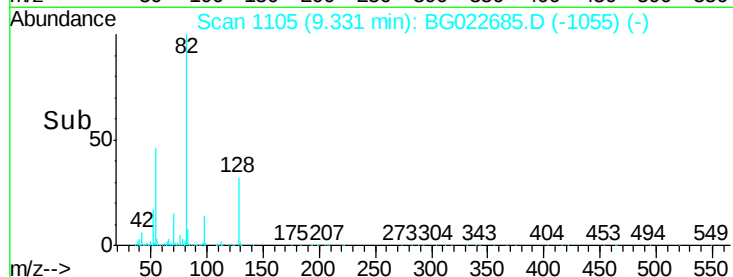
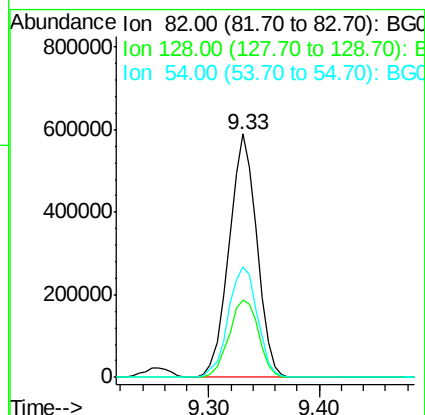
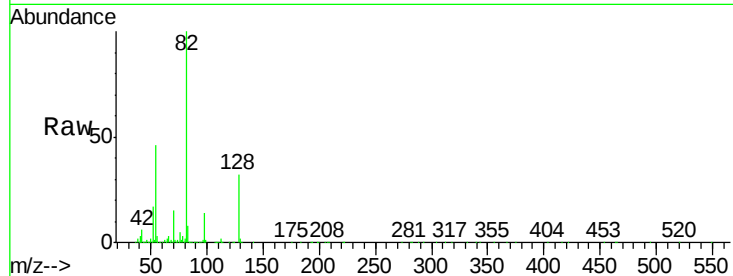




#23
 Nitrobenzene-d5
 Concen: 87.94 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

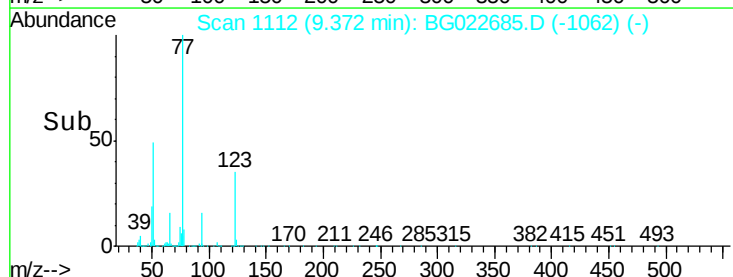
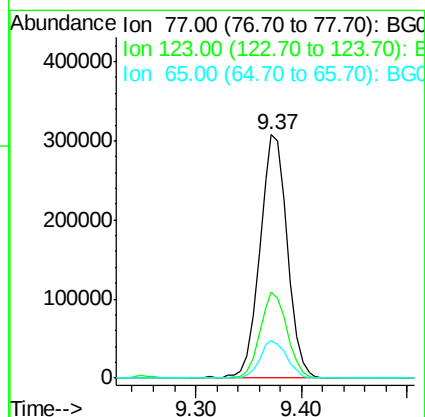
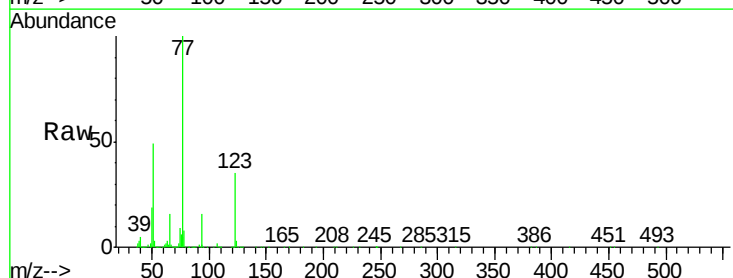
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

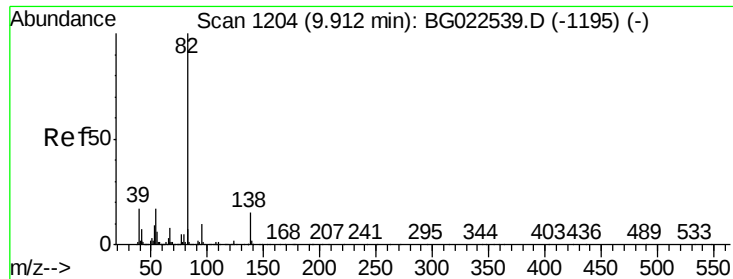
Tot Ion: 82 Resp: 1038350
 Ion Ratio Lower Upper
 82 100
 128 31.9 24.4 36.6
 54 45.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 42.60 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion: 77 Resp: 555902
 Ion Ratio Lower Upper
 77 100
 123 35.4 25.0 37.6
 65 15.6 13.4 20.0





#25

Isophorone

Concen: 41.59 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

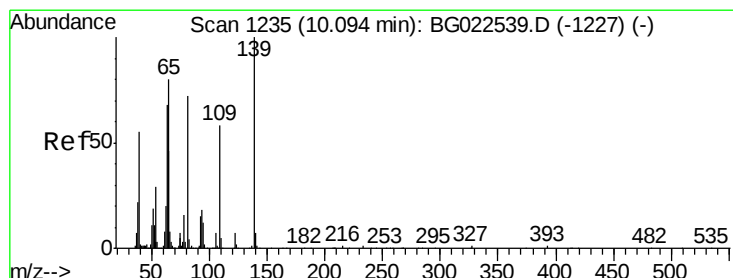
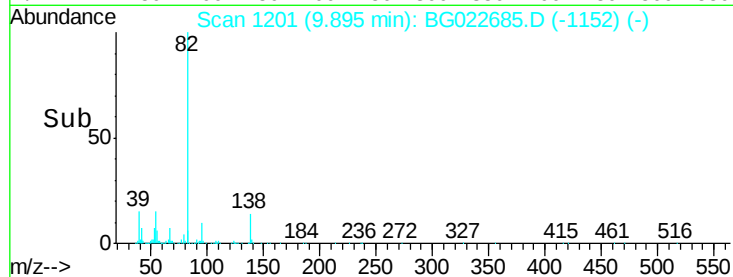
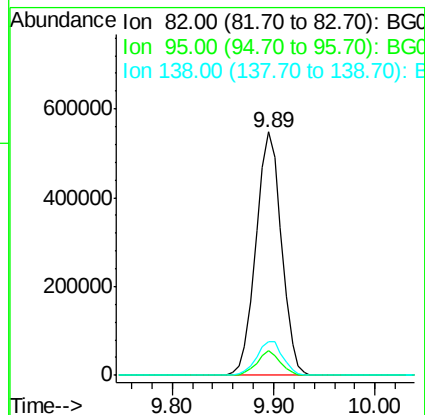
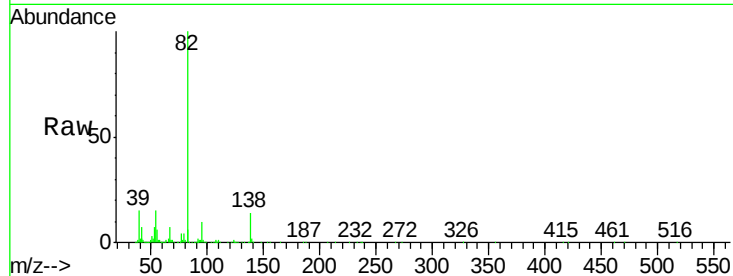
Tot Ion: 82 Resp: 953161

Ion Ratio Lower Upper

82 100

95 10.3 8.2 12.2

138 13.9 10.7 16.1



#26

2-Nitrophenol

Concen: 46.12 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

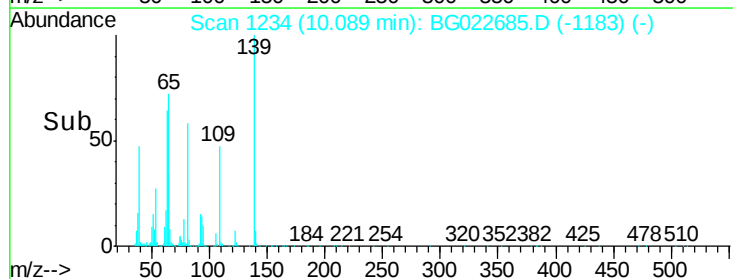
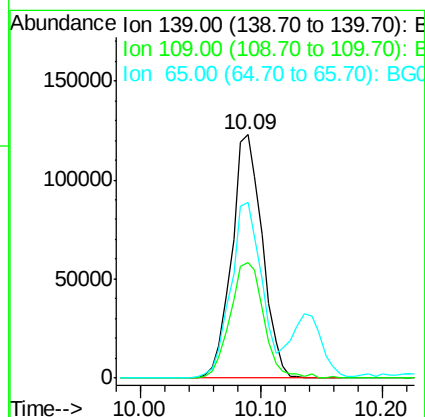
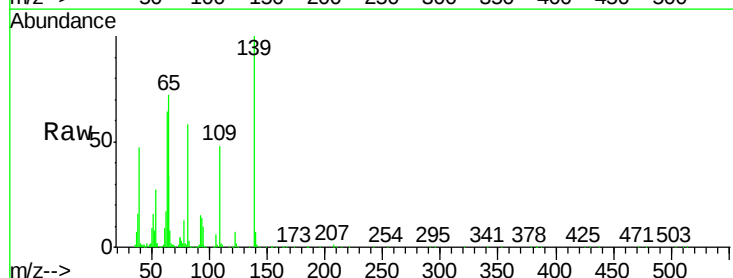
Tgt Ion: 139 Resp: 216801

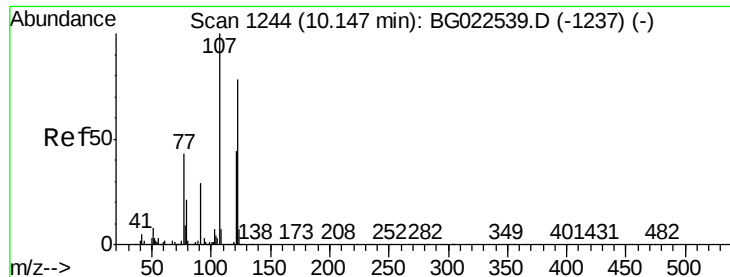
Ion Ratio Lower Upper

139 100

109 47.7 43.5 65.3

65 72.0 64.3 96.5

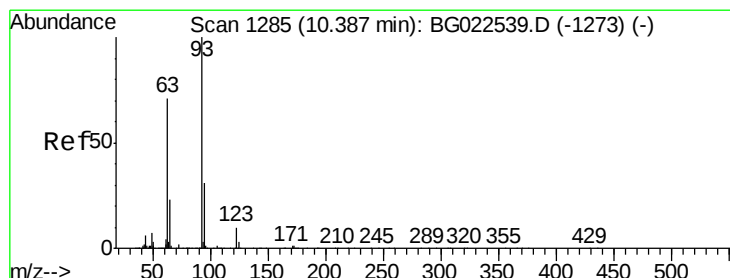
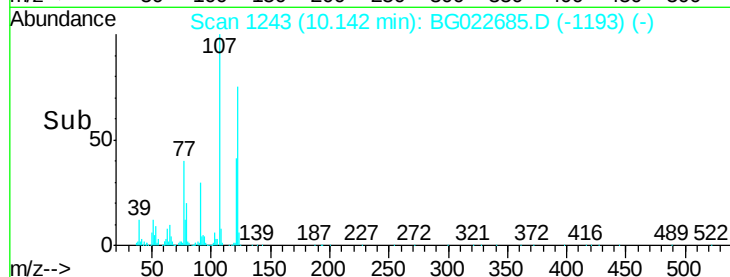
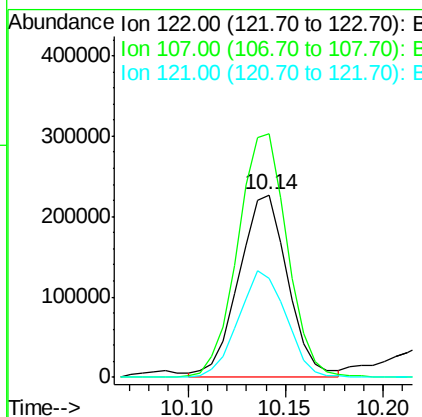
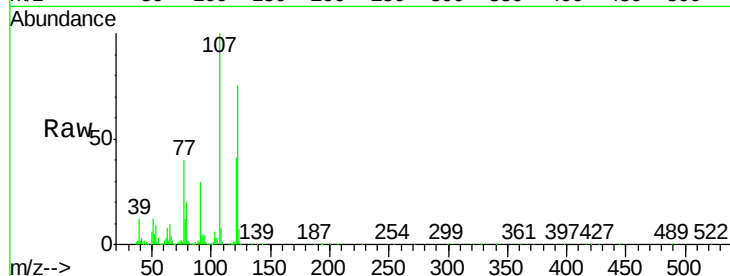




#27
 2,4-Dimethylphenol
 Concen: 43.97 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

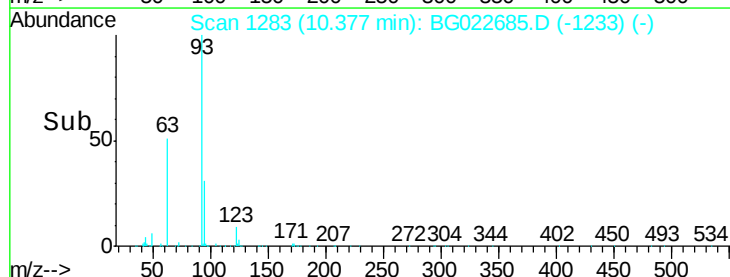
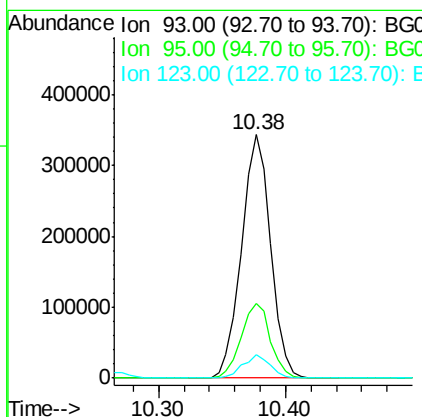
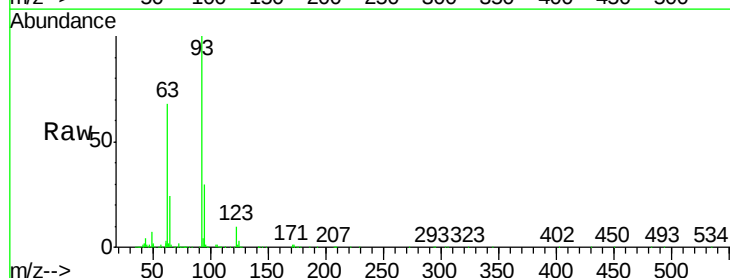
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

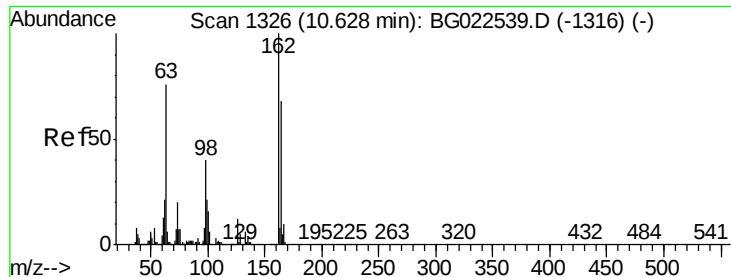
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.2	117.0	175.4
121	54.1	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.64 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.4	38.2
123	9.7	8.2	12.2

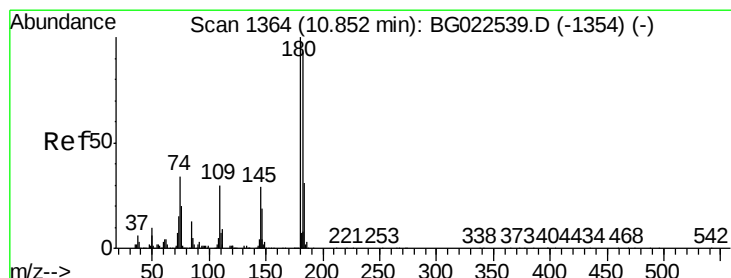
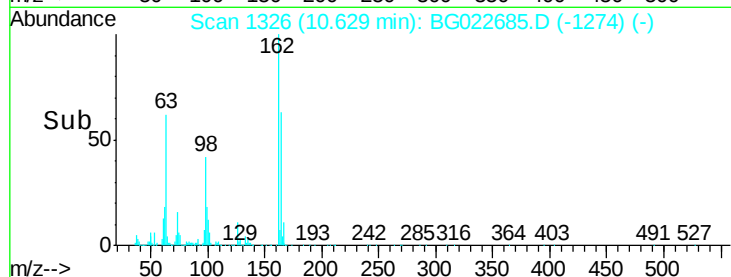
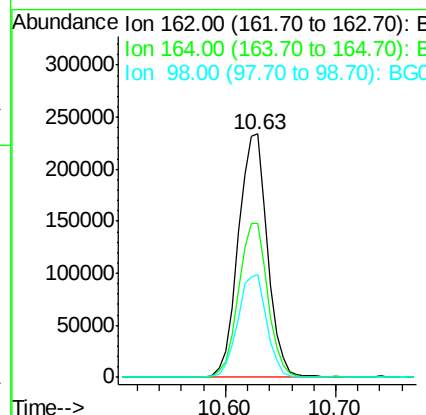
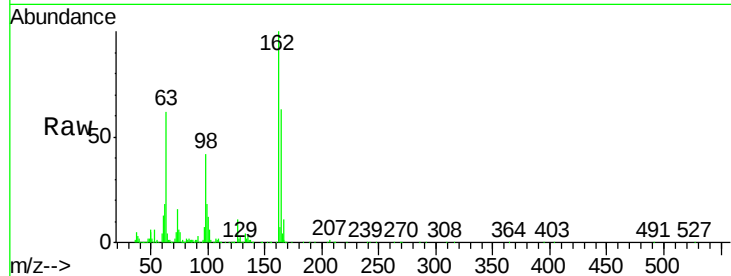




#29
 2,4-Dichlorophenol
 Concen: 49.48 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

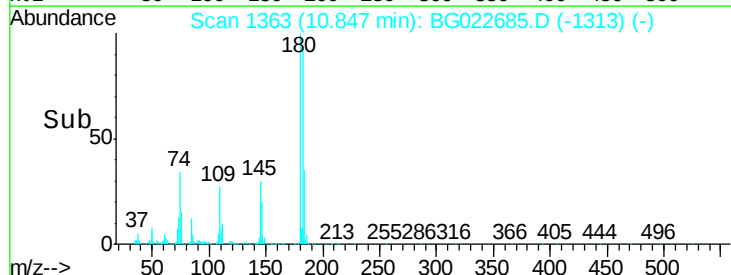
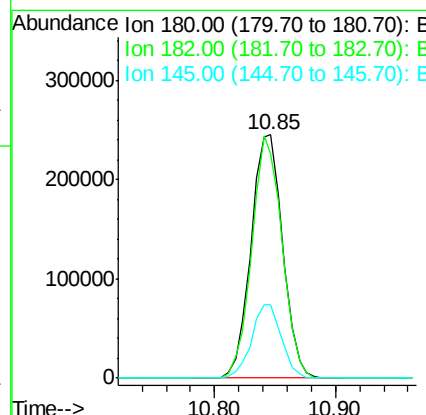
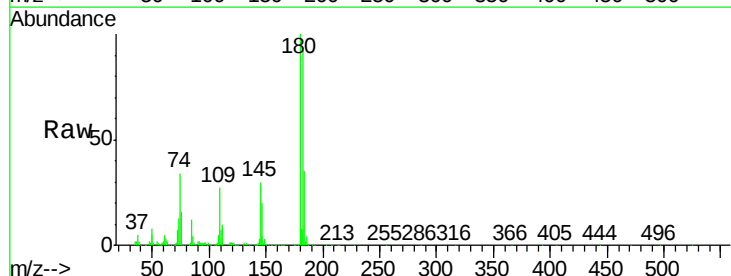
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

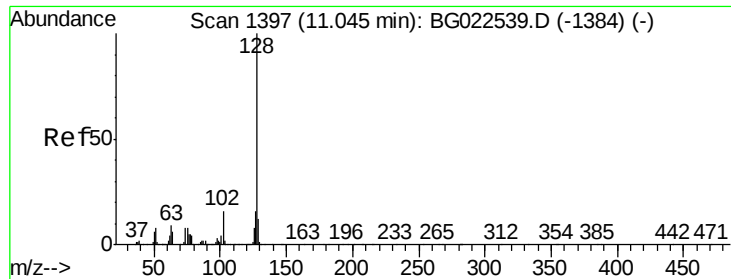
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.3	84.3
98	42.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.99 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	73.8	110.8
145	30.1	24.4	36.6

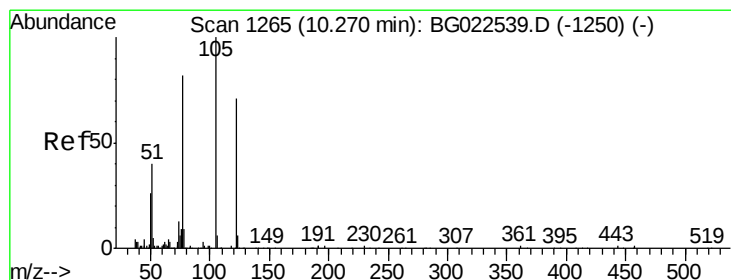
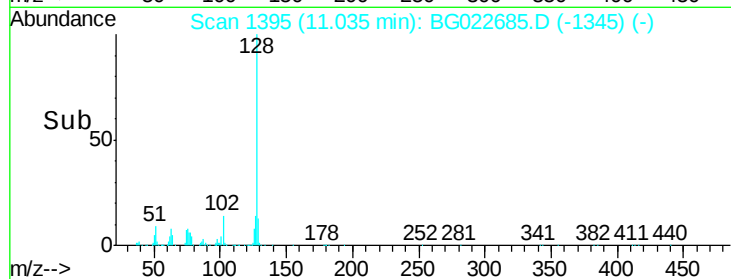
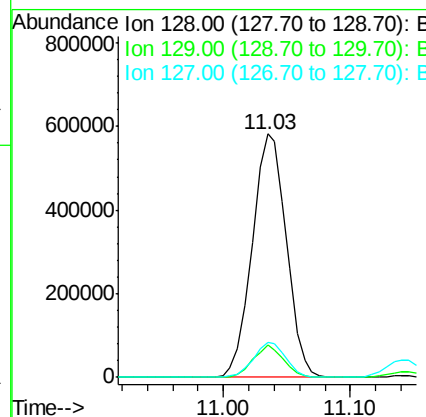
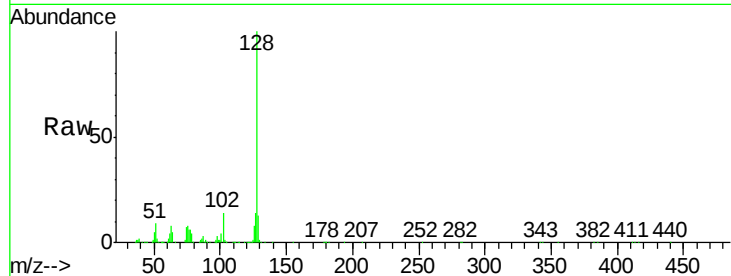




#31
Naphthalene
Concen: 43.33 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

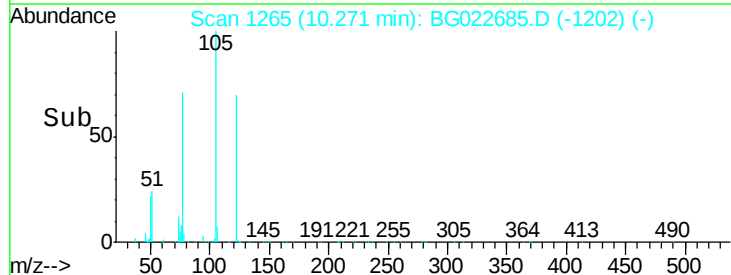
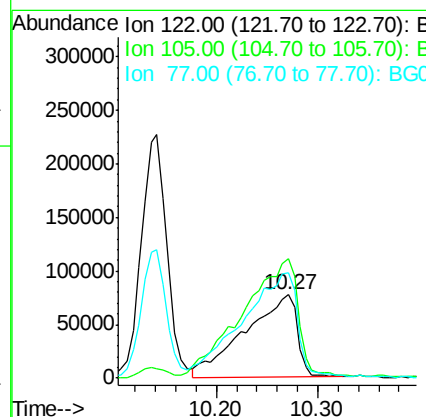
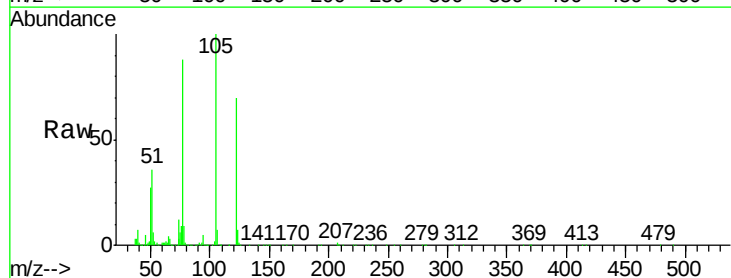
Instrument :
BNA_G
ClientSampleId :
PB91509BS

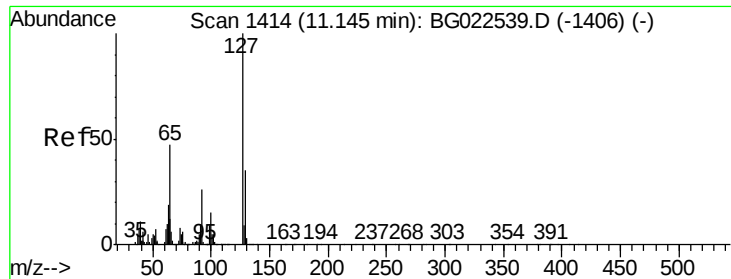
Tot Ion:128 Resp: 1088318
Ion Ratio Lower Upper
128 100
129 13.3 9.4 14.0
127 14.3 11.3 16.9



#32
Benzoic acid
Concen: 46.96 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.07 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:122 Resp: 274980
Ion Ratio Lower Upper
122 100
105 143.4 117.2 157.2
77 126.6 109.2 149.2

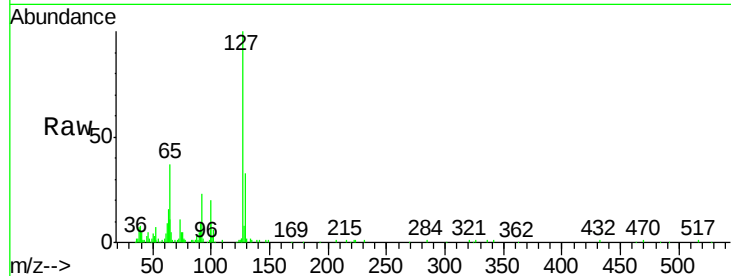




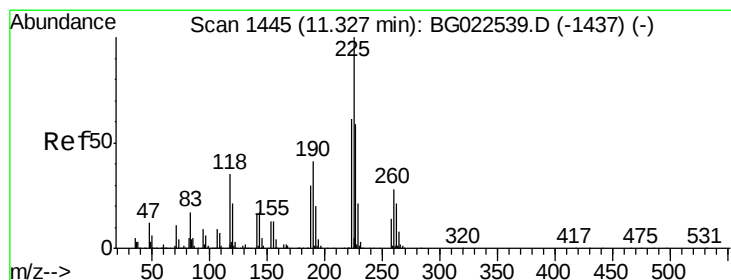
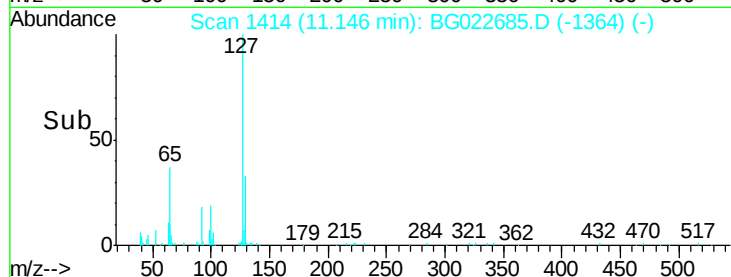
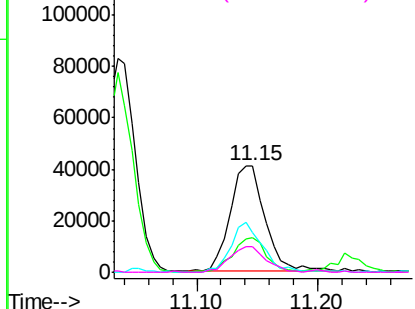
#33
4-Chloroaniline
Concen: 7.74 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:	127	Resp:	83793
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.9	41.9
65	36.7	36.8	55.2#
92	23.4	21.0	31.6

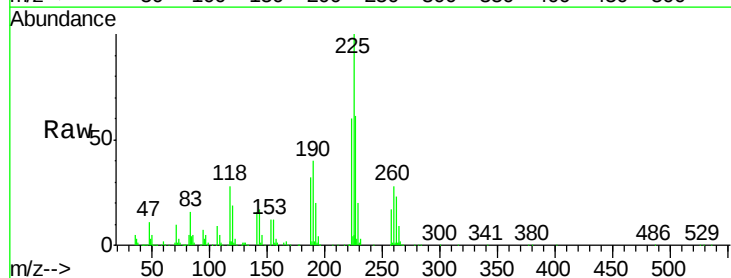


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

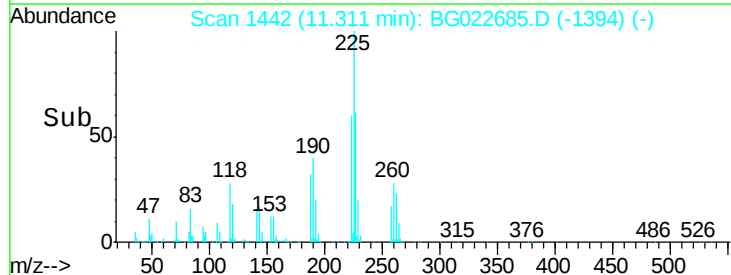
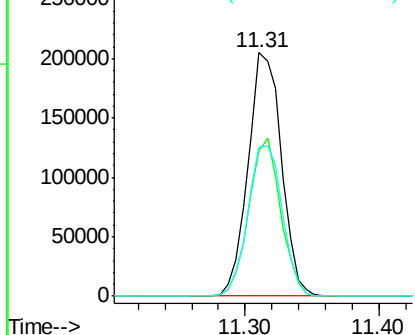


#34
Hexachlorobutadiene
Concen: 43.48 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:	225	Resp:	351111
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.6	74.4
227	61.3	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: 51.73 ng/mL

RT: 11.92 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

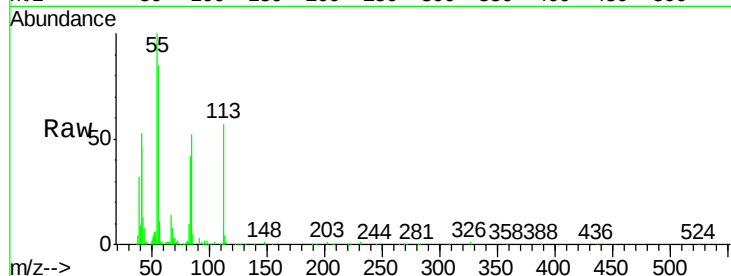
Tot Ion:113 Resp: 142594

Ion Ratio Lower Upper

113 100

55 174.2 154.5 194.5

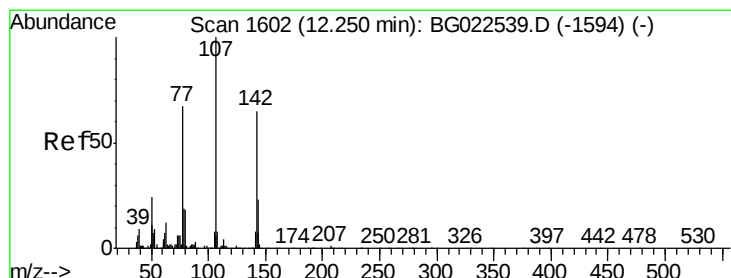
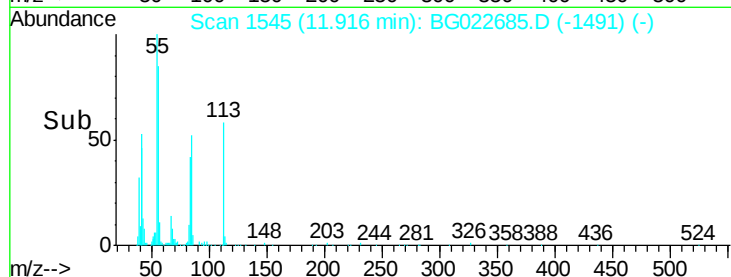
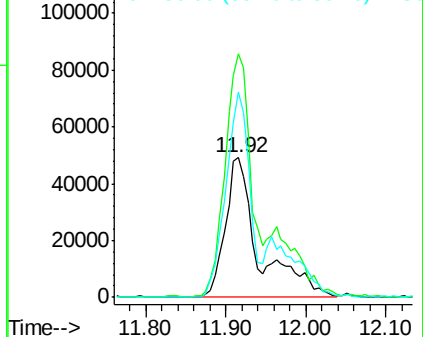
56 147.2 125.1 165.1



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: 48.65 ng/mL

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

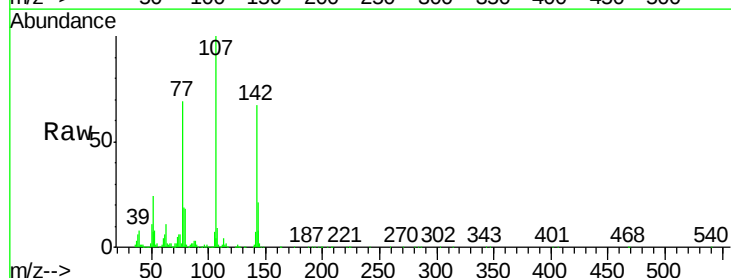
Tgt Ion:107 Resp: 522530

Ion Ratio Lower Upper

107 100

144 21.5 17.0 25.6

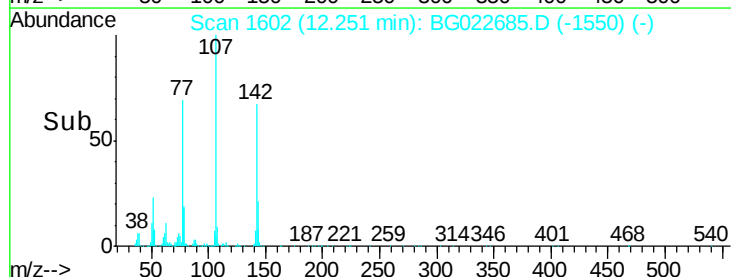
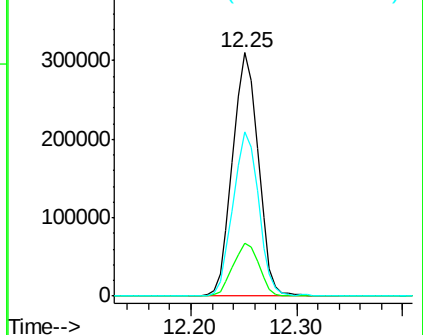
142 67.3 53.0 79.6

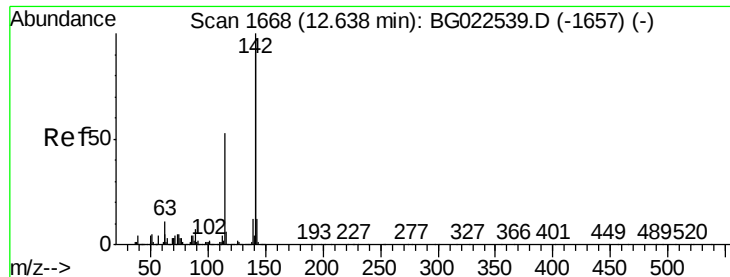


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

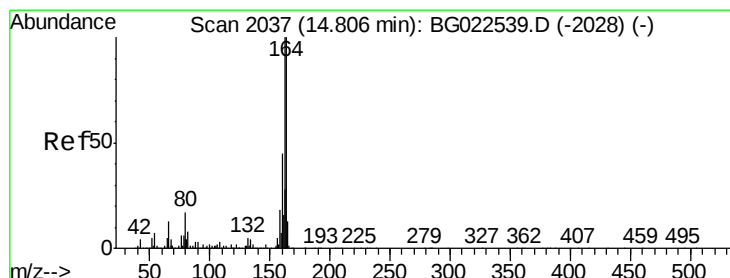
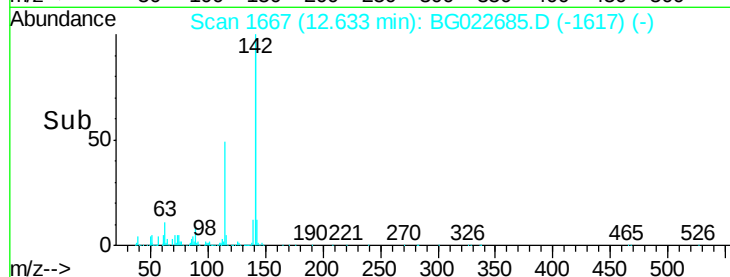
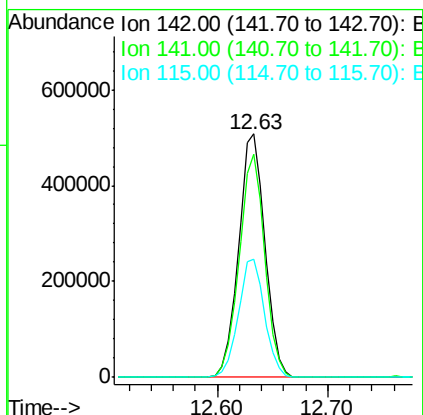
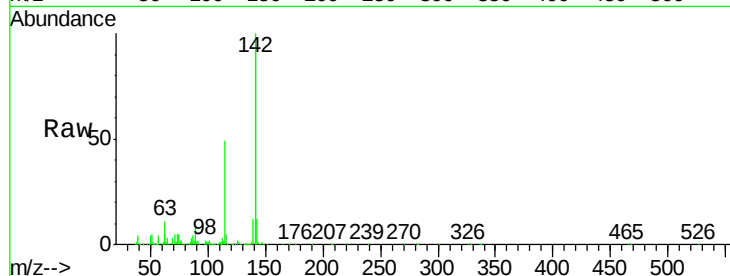




#37
2-Methylnaphthalene
Concen: 43.59 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

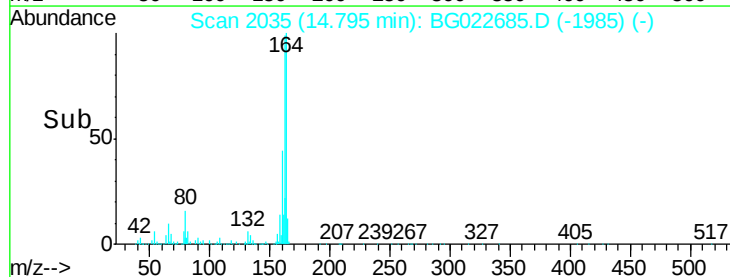
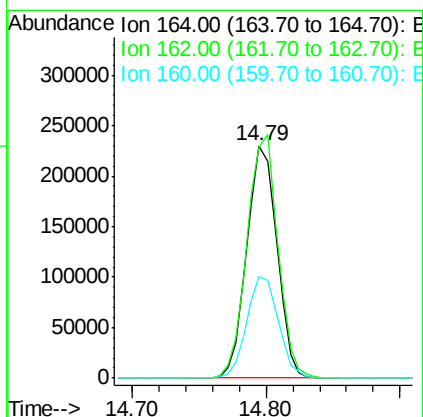
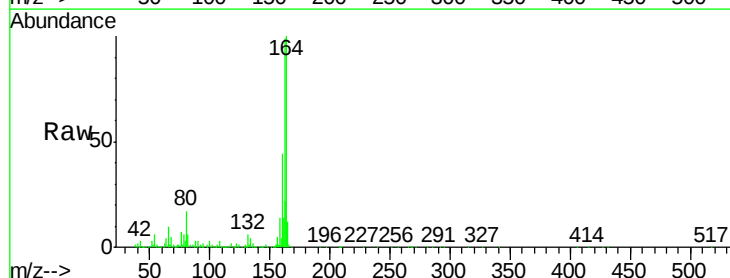
Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:142 Resp: 849084
Ion Ratio Lower Upper
142 100
141 91.8 70.2 105.2
115 48.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:164 Resp: 357577
Ion Ratio Lower Upper
164 100
162 99.3 87.7 131.5
160 43.7 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.98 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

Tot Ion:216 Resp: 580179

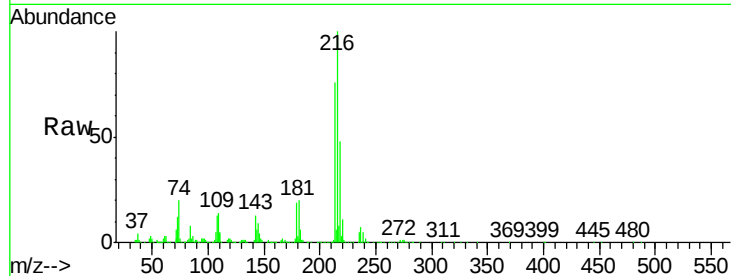
Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

179 21.3 17.2 25.8

108 19.3 16.3 24.5

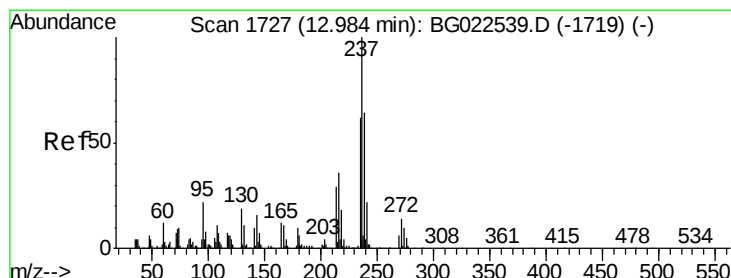
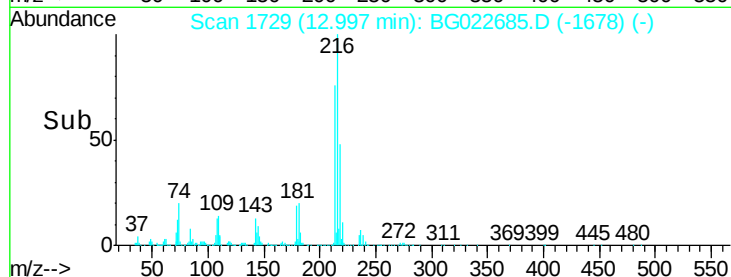
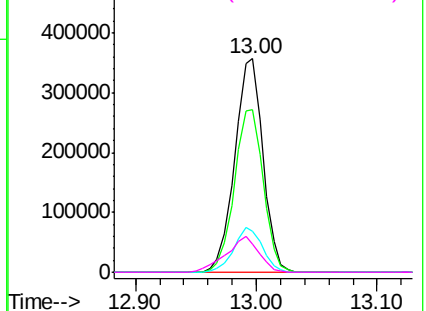


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.88 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

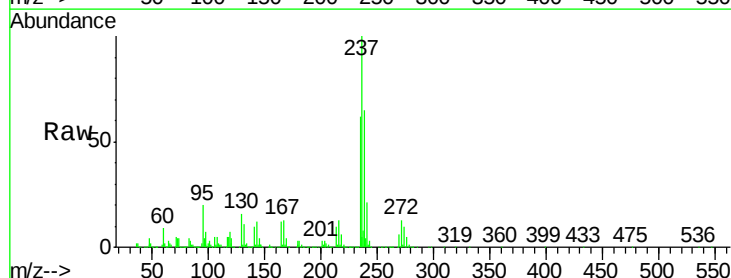
Tgt Ion:237 Resp: 796152

Ion Ratio Lower Upper

237 100

235 62.2 43.1 83.1

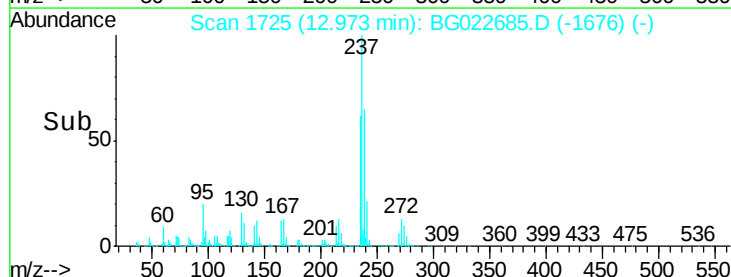
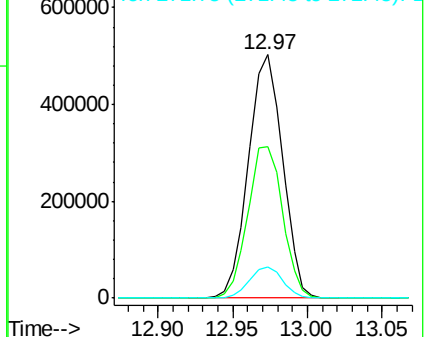
272 12.7 0.0 30.9

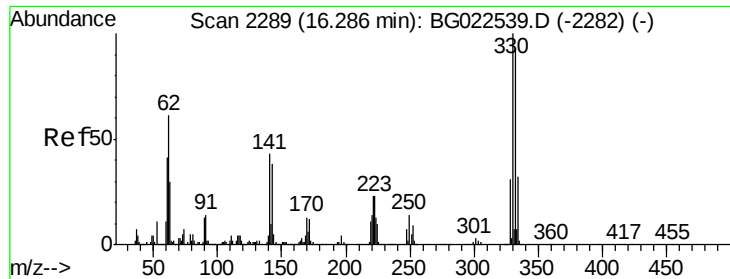


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

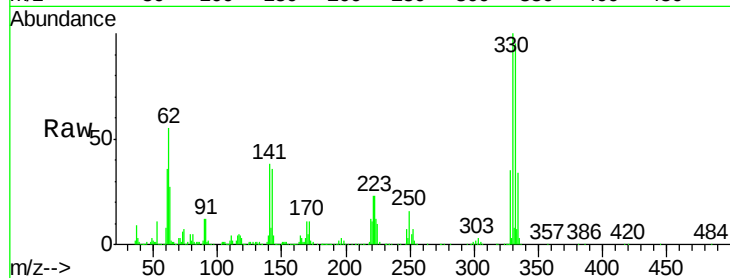




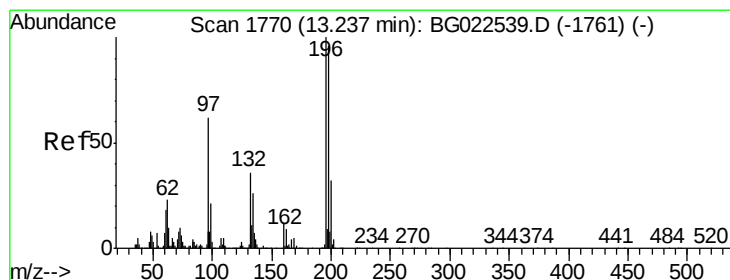
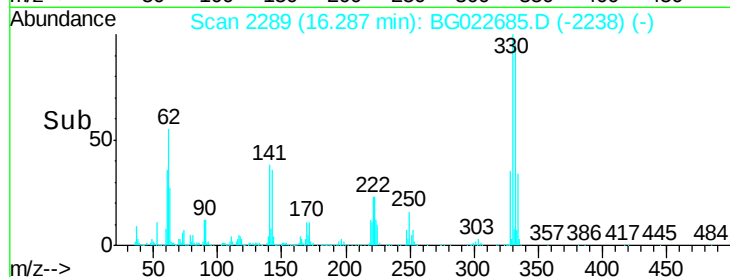
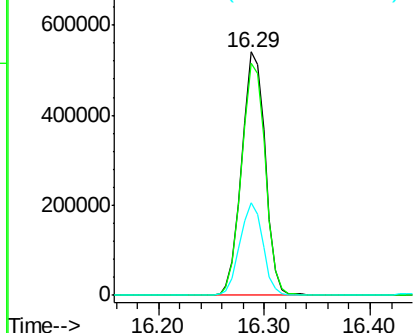
#41
 2,4,6-Tribromophenol
 Concen: 147.92 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.2	31.7	47.5

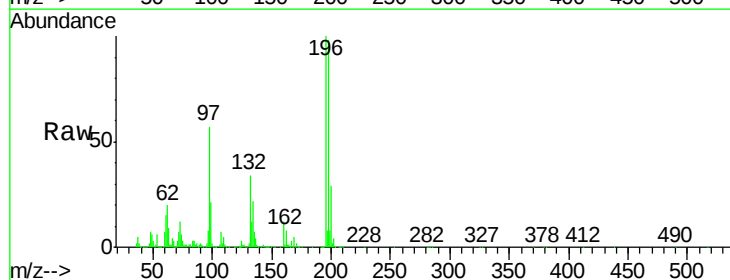


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

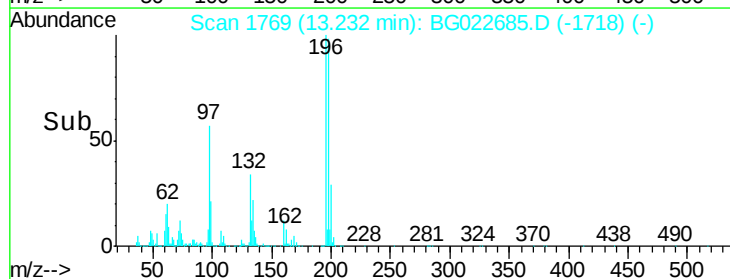
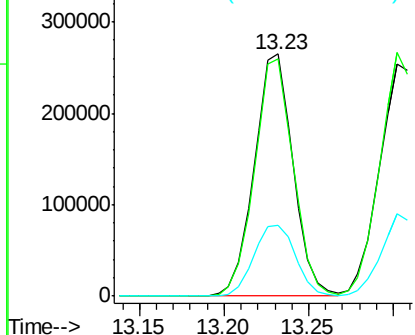


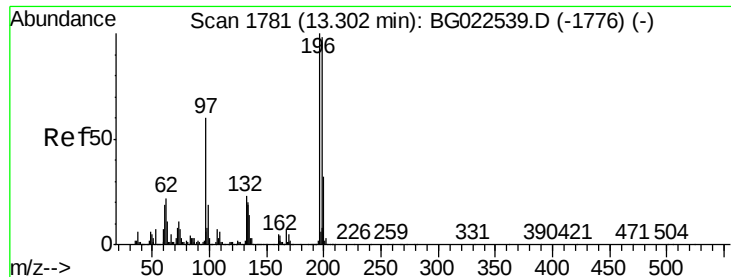
#42
 2,4,6-Trichlorophenol
 Concen: 48.77 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.2	117.2
200	29.4	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

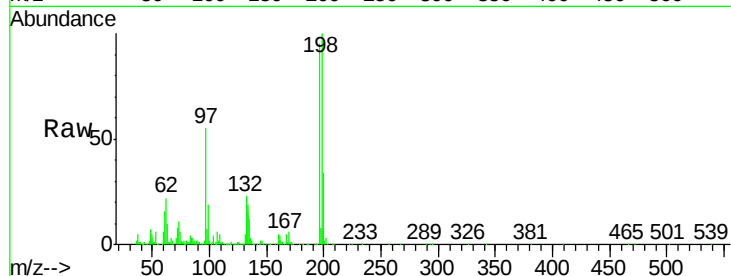




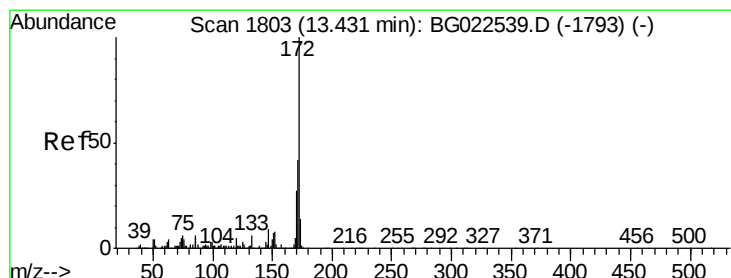
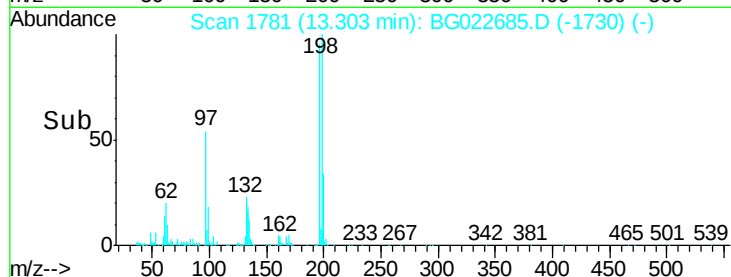
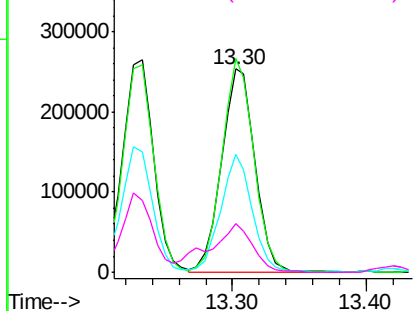
#43
2,4,5-Trichlorophenol
Concen: 48.65 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:196 Resp: 440636
Ion Ratio Lower Upper
196 100
198 105.2 85.7 128.5
97 58.1 45.5 68.3
132 24.0 18.9 28.3

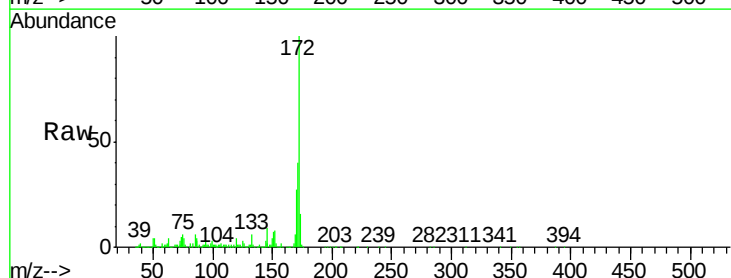


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

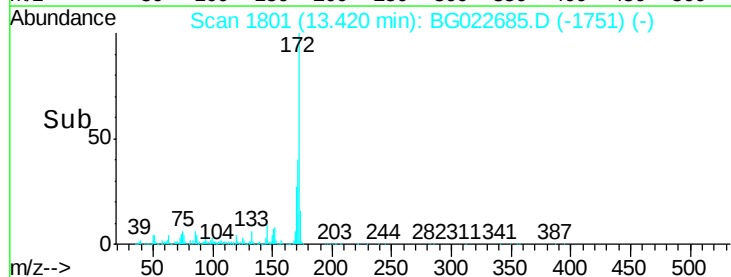
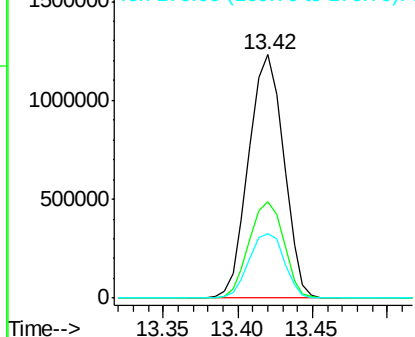


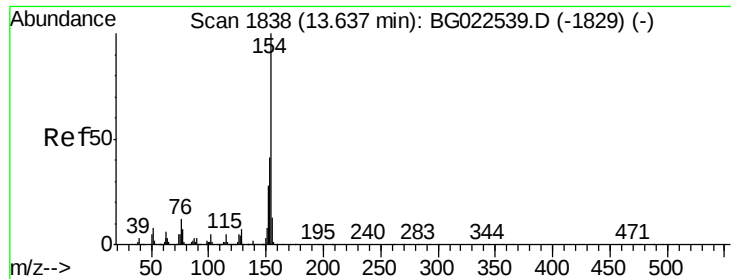
#44
2-Fluorobiphenyl
Concen: 88.91 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:172 Resp: 2004702
Ion Ratio Lower Upper
172 100
171 39.7 31.6 47.4
170 26.7 21.3 31.9



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





#45

1,1'-Biphenyl

Concen: 43.91 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

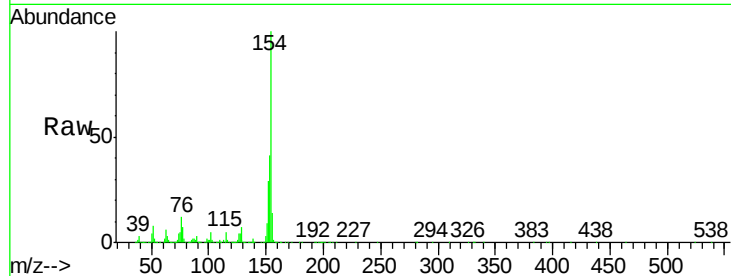
BNA_G

ClientSampleId :

PB91509BS

Tot Ion:154 Resp: 1196129

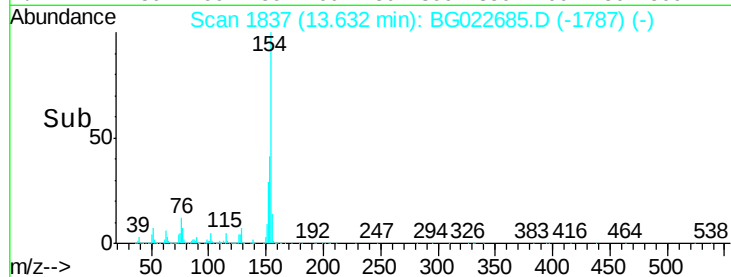
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	11.9	0.0	32.9



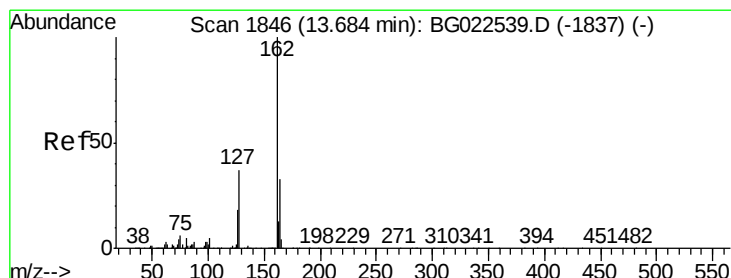
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#46

2-Chloronaphthalene

Concen: 43.92 ng

RT: 13.68 min Scan# 1845

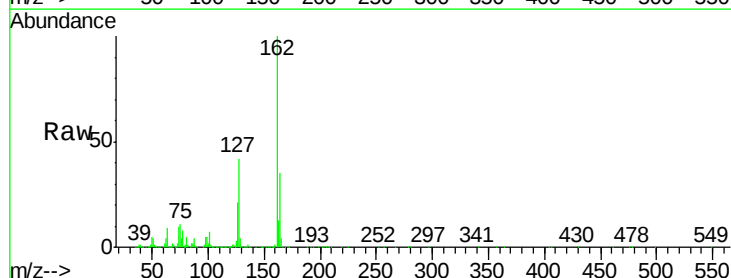
Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion:162 Resp: 984319

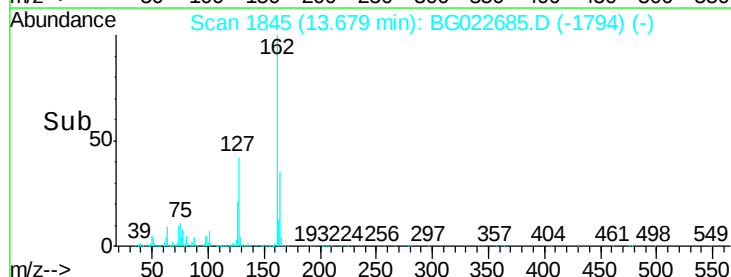
Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.4	48.6
164	35.1	25.2	37.8



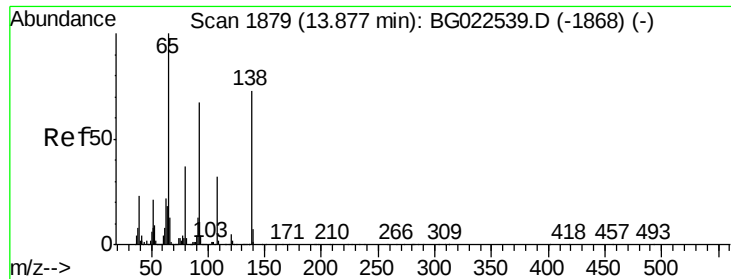
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



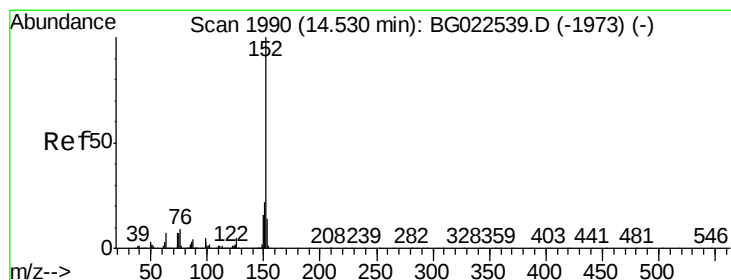
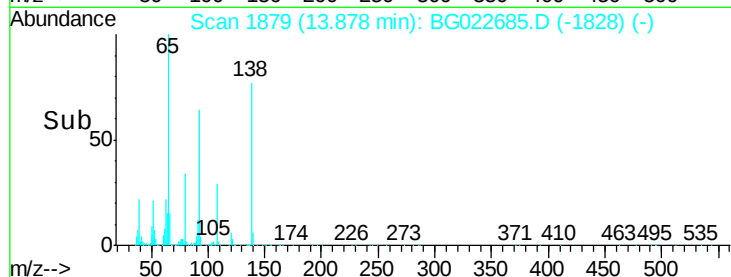
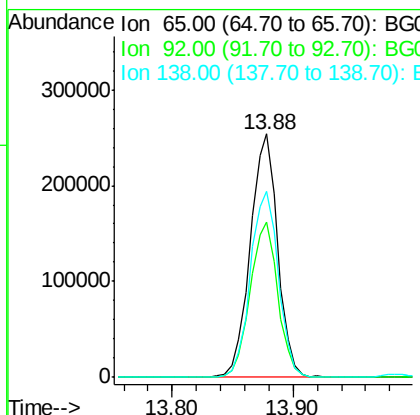
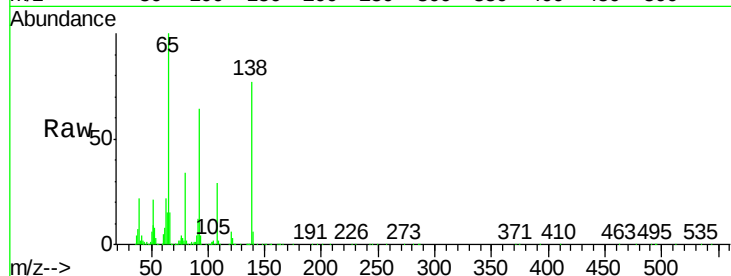
Time-->



#47
2-Nitroaniline
Concen: 46.49 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

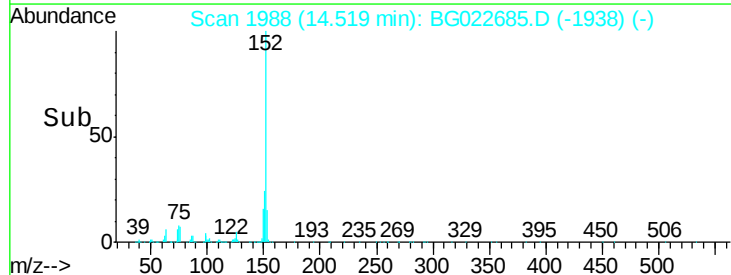
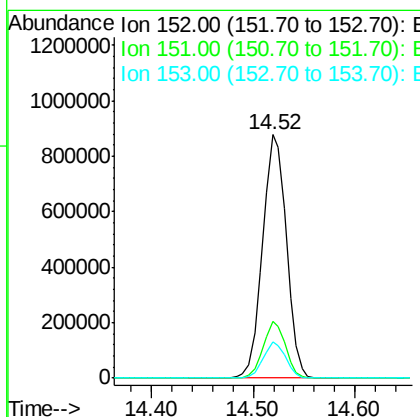
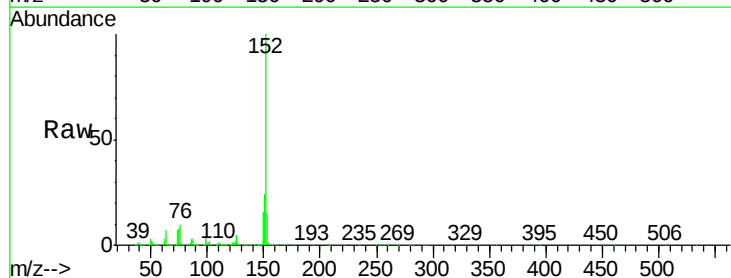
Instrument :
BNA_G
ClientSampleId :
PB91509BS

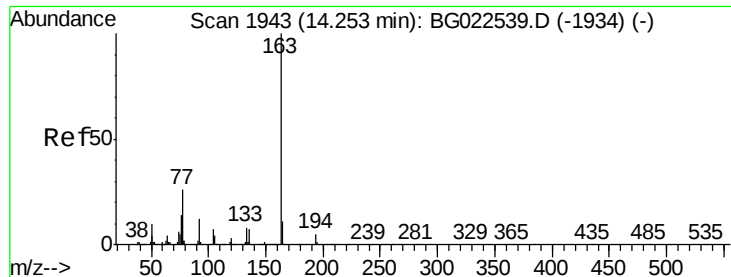
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	49.4	74.0
138	76.6	58.0	87.0



#48
Acenaphthylene
Concen: 44.08 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.6	26.4
153	14.8	11.4	17.2

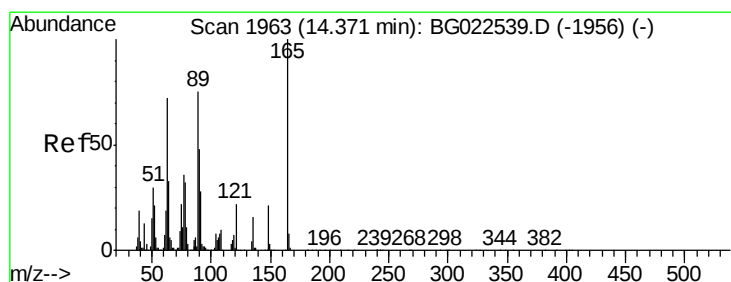
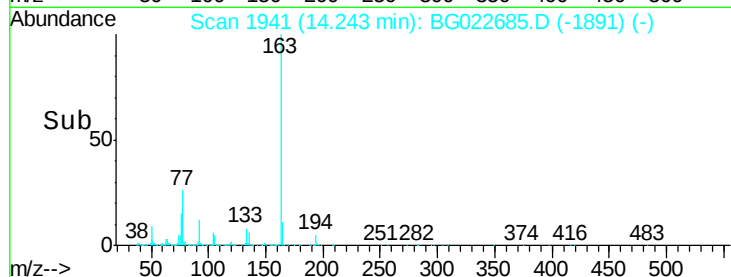
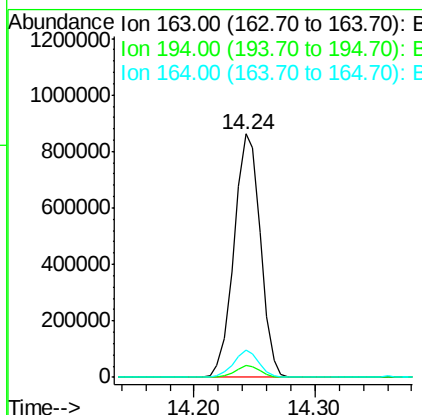
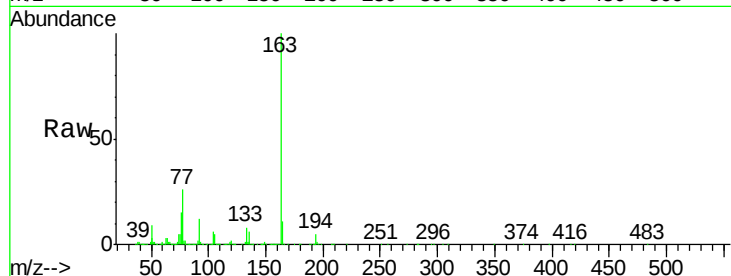




#49
Dimethylphthalate
Concen: 44.40 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

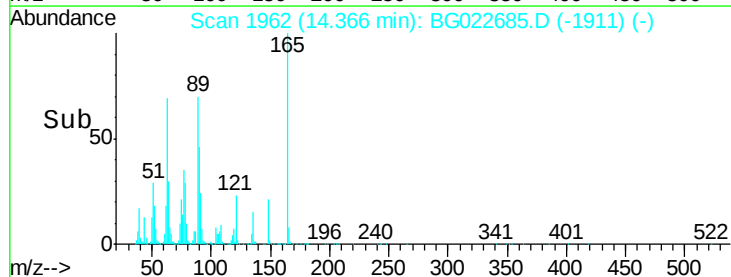
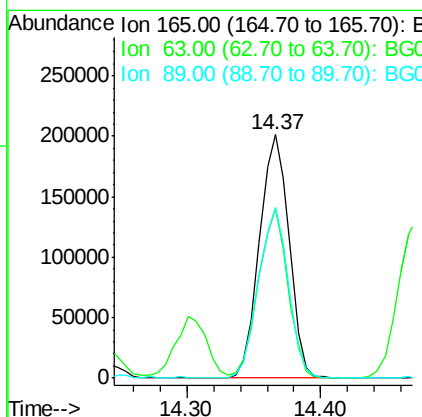
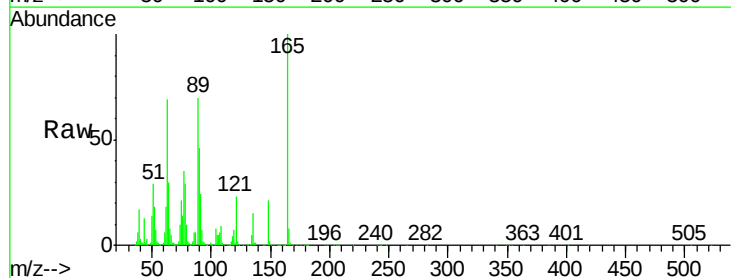
Instrument :
BNA_G
ClientSampleId :
PB91509BS

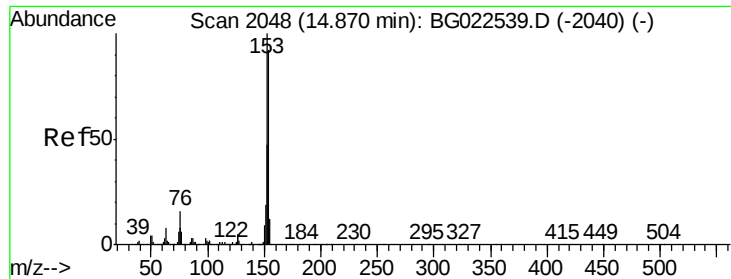
Tot Ion:163 Resp: 1316977
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 11.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 47.60 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:165 Resp: 306786
Ion Ratio Lower Upper
165 100
63 69.3 64.3 96.5
89 69.9 64.3 96.5





#51

Acenaphthene

Concen: 40.03 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

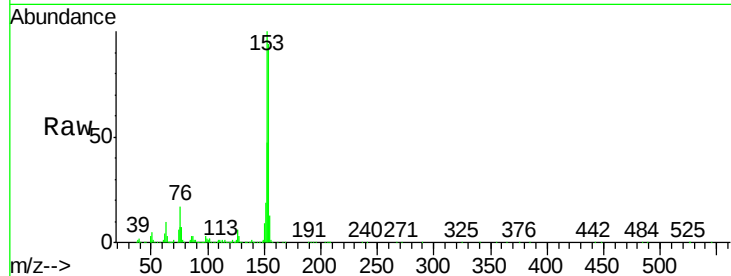
Tot Ion:154 Resp: 958597

Ion Ratio Lower Upper

154 100

153 106.6 87.5 131.3

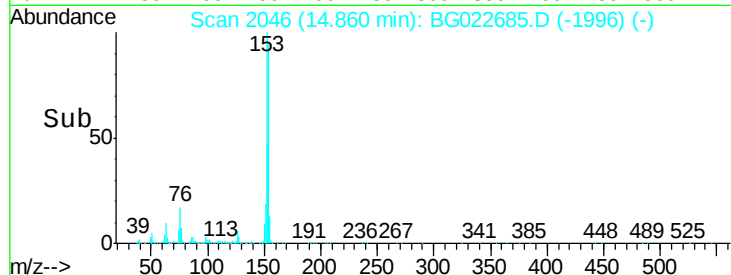
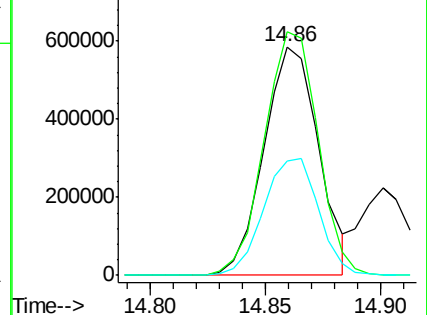
152 50.1 42.7 64.1



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: 27.35 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

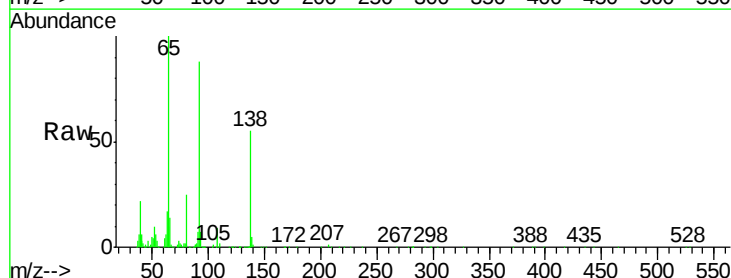
Tgt Ion:138 Resp: 164935

Ion Ratio Lower Upper

138 100

108 16.5 11.7 17.5

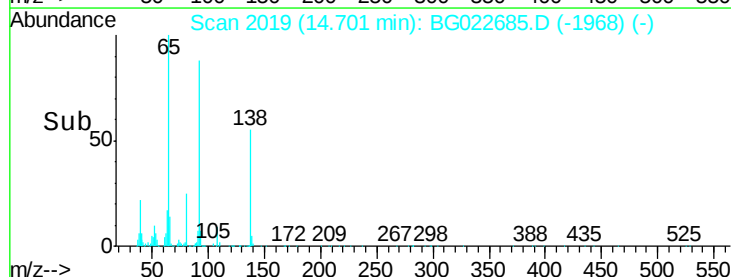
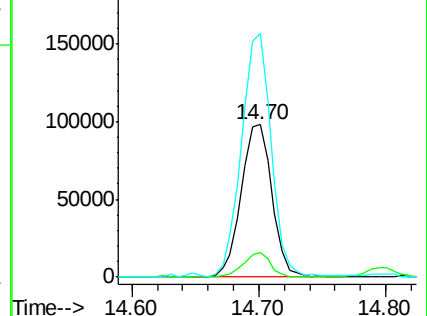
92 160.1 129.7 194.5

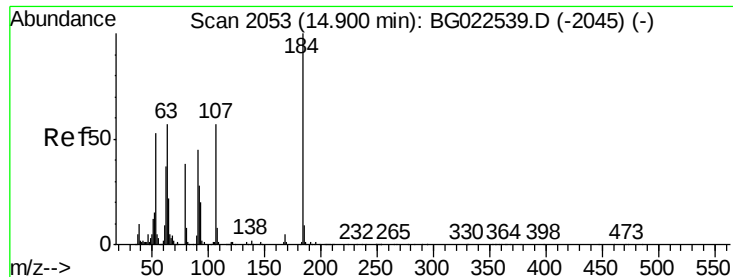


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

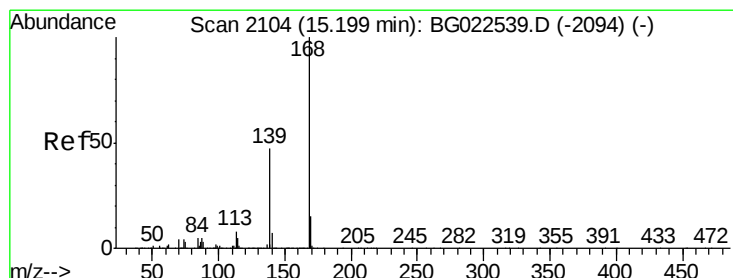
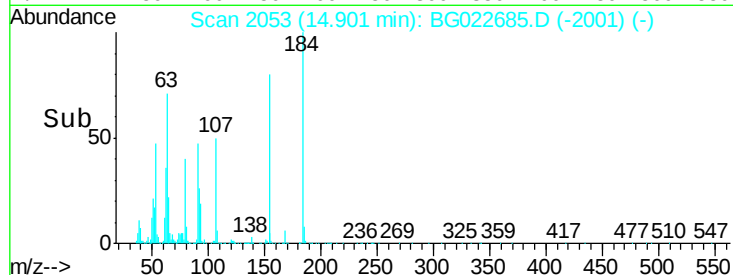
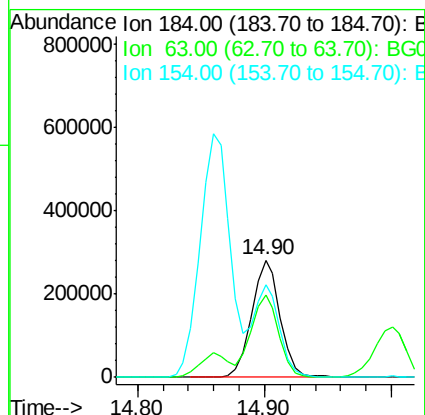
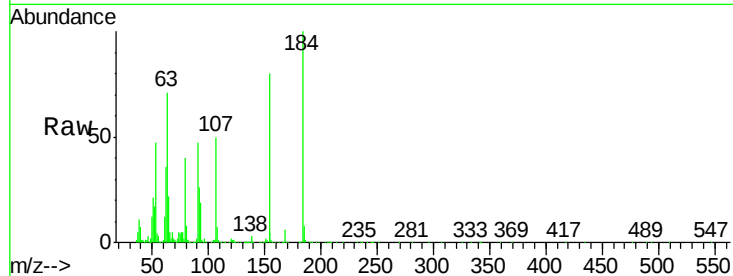




#53
2,4-Dinitrophenol
Concen: 110.15 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

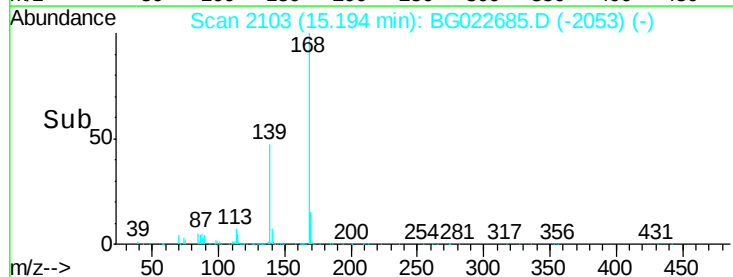
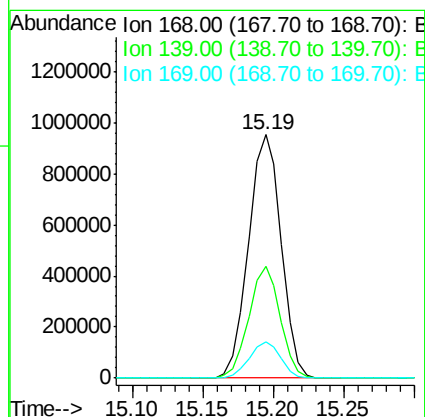
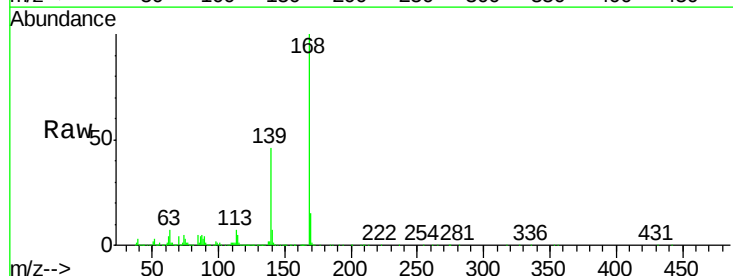
Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:184 Resp: 437320
Ion Ratio Lower Upper
184 100
63 70.8 59.6 89.4
154 79.7 67.4 101.0



#54
Dibenzofuran
Concen: 44.47 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:168 Resp: 1542661
Ion Ratio Lower Upper
168 100
139 45.8 36.4 54.6
169 14.9 11.9 17.9

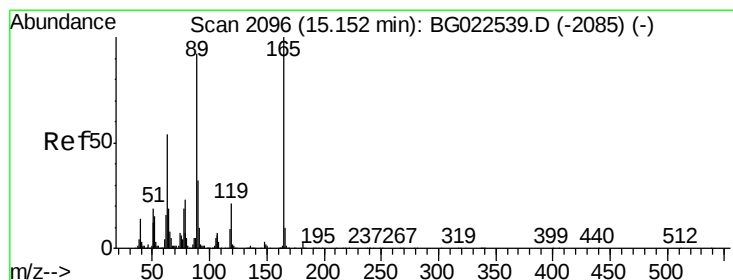
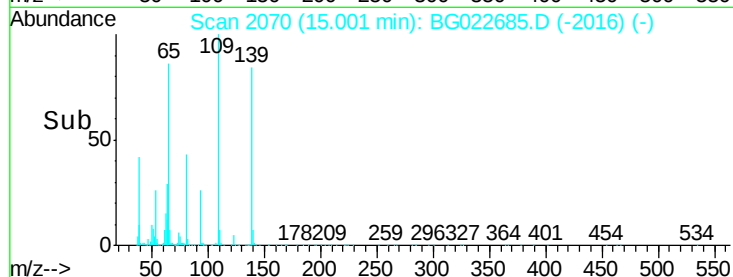
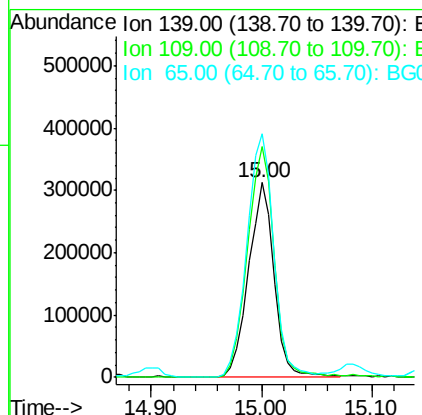
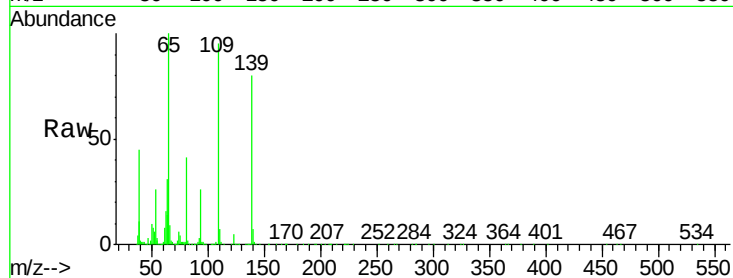




#55
4-Nitrophenol
Concen: 99.98 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

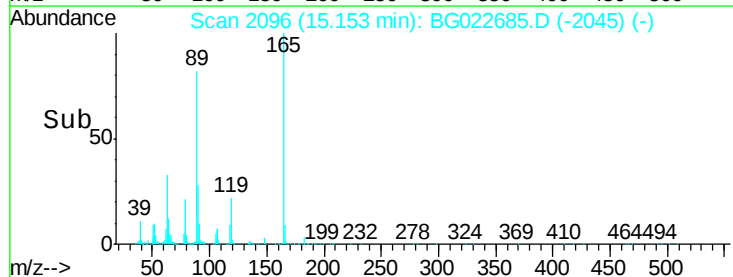
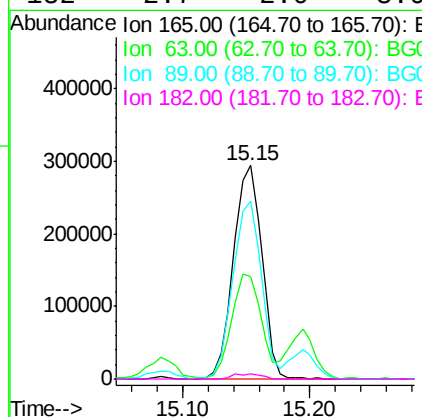
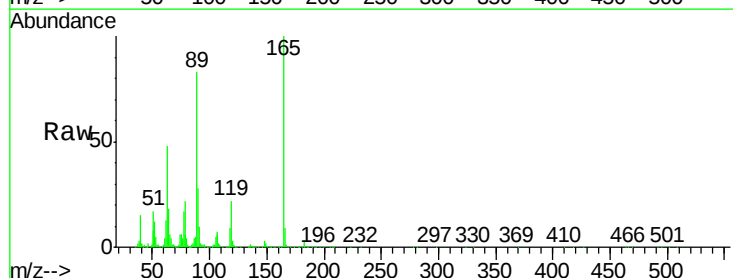
Instrument :
BNA_G
ClientSampleId :
PB91509BS

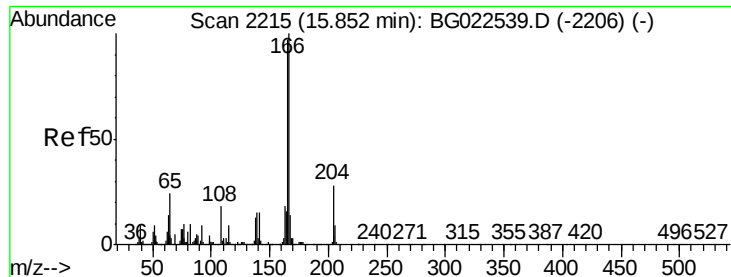
Tot Ion:139 Resp: 509887
Ion Ratio Lower Upper
139 100
109 118.7 103.0 143.0
65 125.1 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 51.19 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:165 Resp: 457091
Ion Ratio Lower Upper
165 100
63 48.0 45.8 68.6
89 83.4 68.6 102.8
182 2.7 2.0 3.0

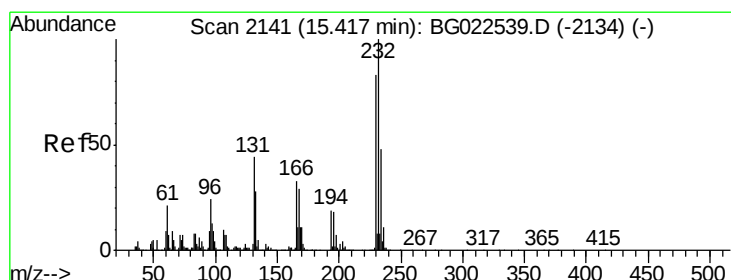
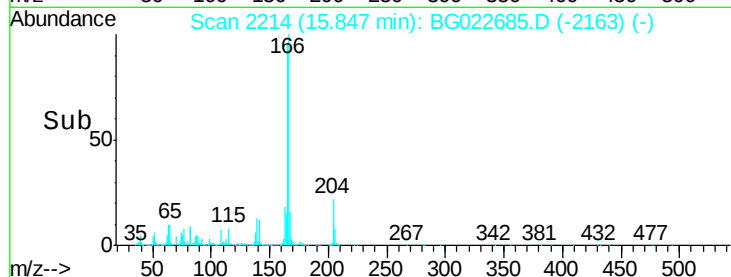
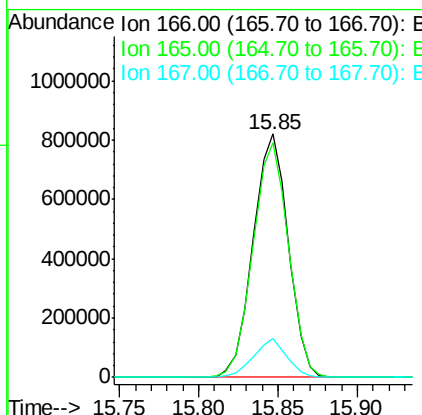
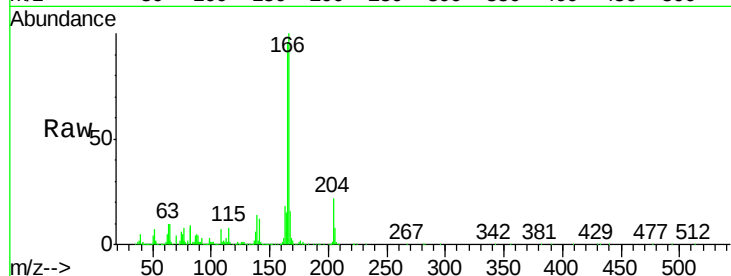




#57
Fluorene
 Concen: 45.78 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

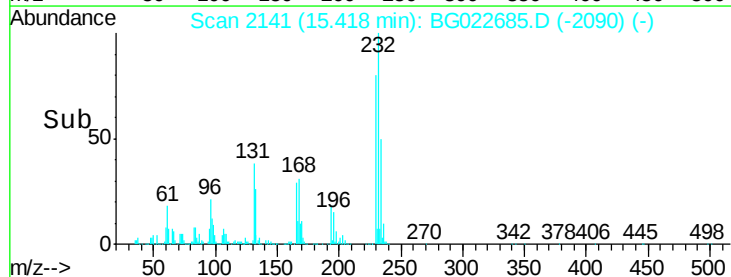
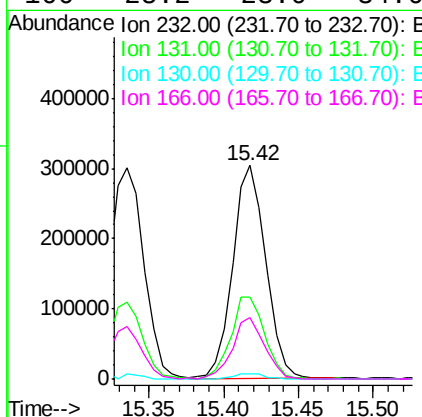
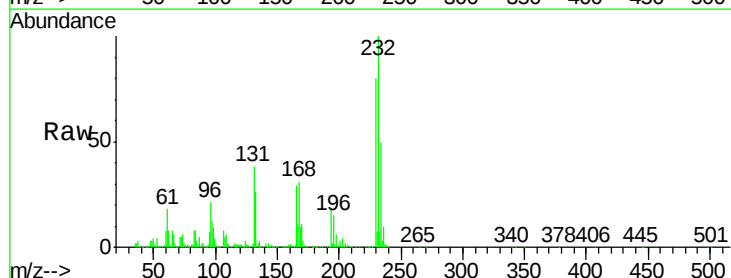
Instrument :
 BNA_G
 ClientSampled :
 PB91509BS

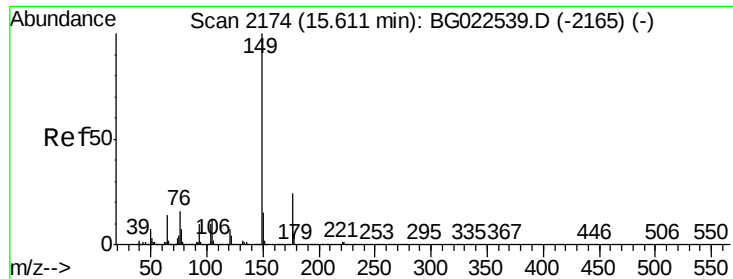
Tot Ion:166 Resp: 1267105
 Ion Ratio Lower Upper
 166 100
 165 96.4 81.0 121.6
 167 15.8 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.84 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion:232 Resp: 468073
 Ion Ratio Lower Upper
 232 100
 131 39.1 32.7 49.1
 130 2.4 2.6 3.8#
 166 28.2 23.0 34.6

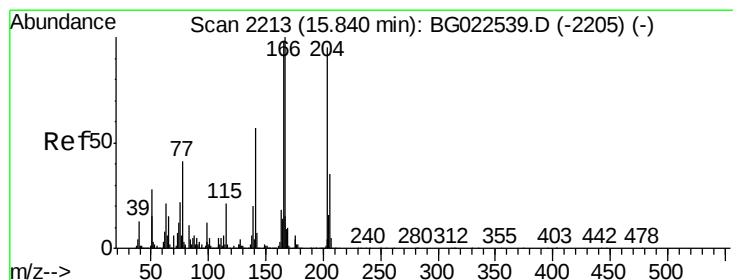
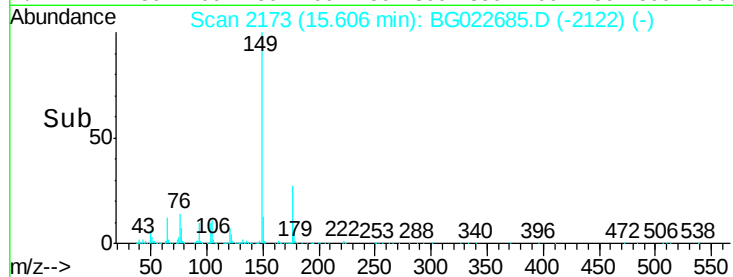
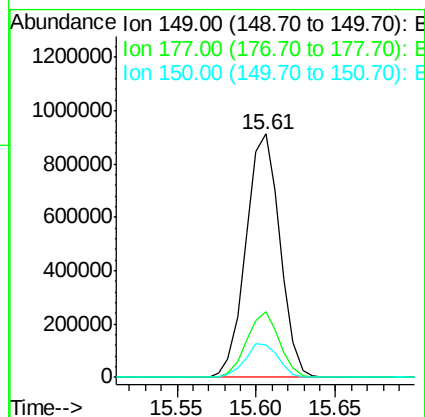
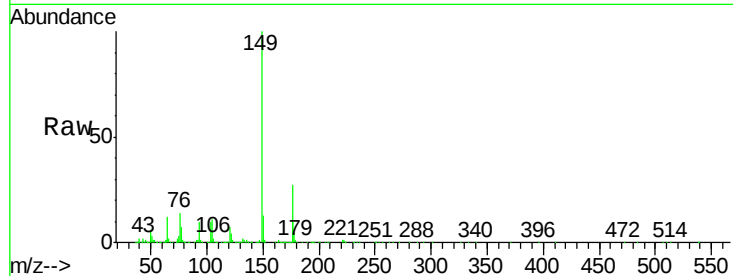




#59
Diethylphthalate
Concen: 44.44 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

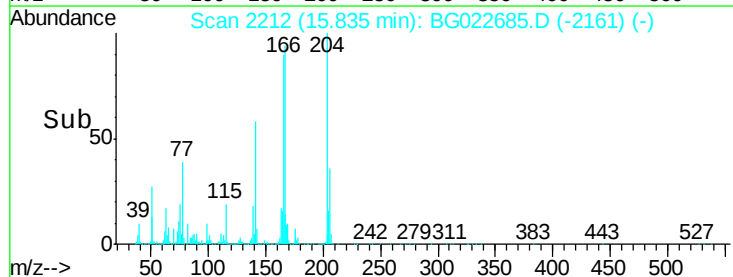
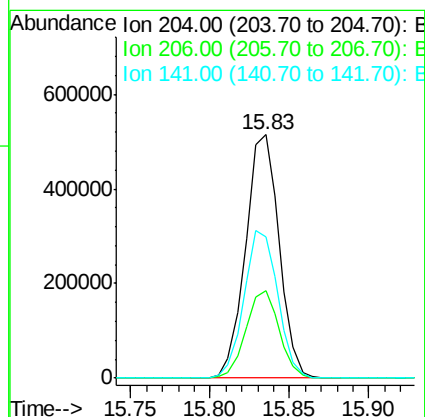
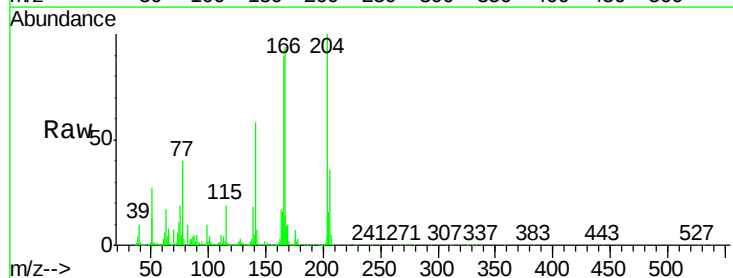
Instrument :
BNA_G
ClientSampleId :
PB91509BS

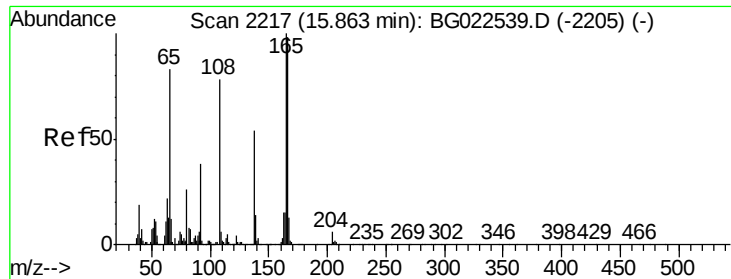
Tot Ion:149 Resp: 1355356
Ion Ratio Lower Upper
149 100
177 26.8 19.2 28.8
150 13.3 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 45.77 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:204 Resp: 754288
Ion Ratio Lower Upper
204 100
206 35.9 28.5 42.7
141 58.1 51.4 77.0

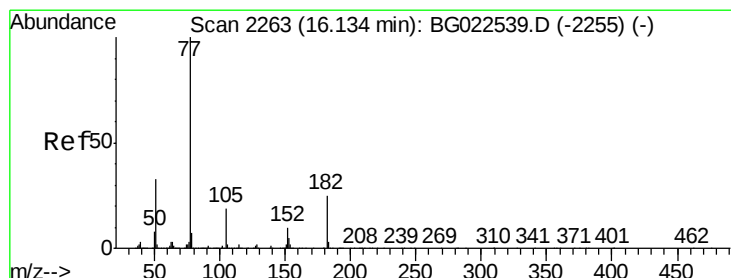
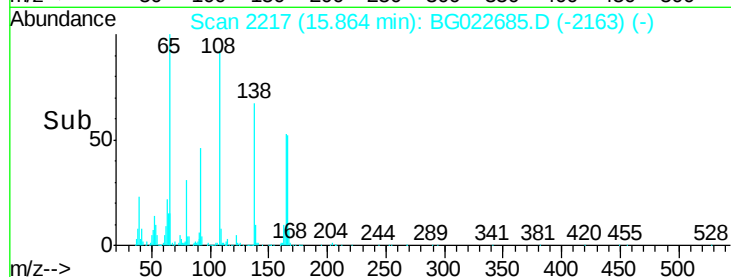
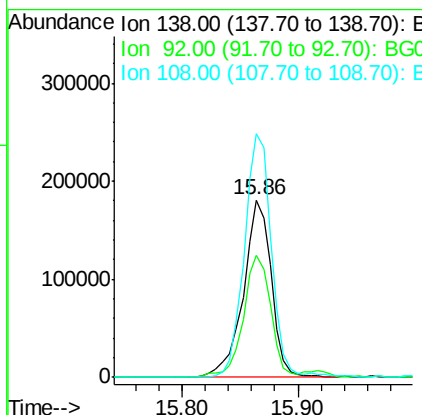
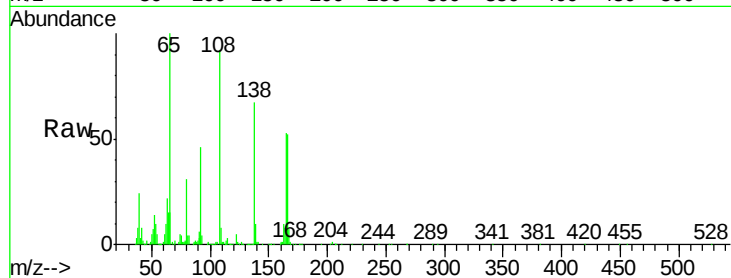




#61
4-Nitroaniline
Concen: 48.97 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

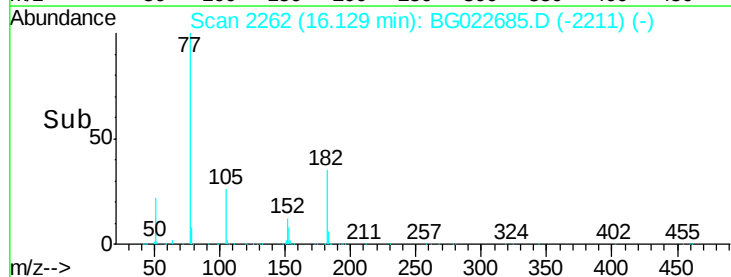
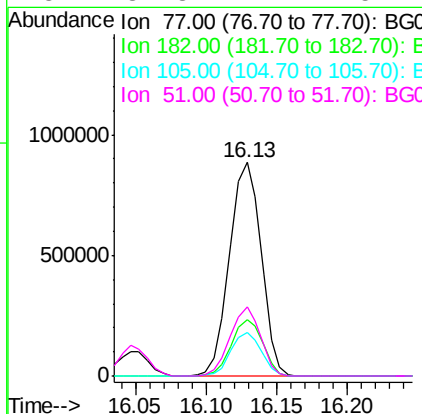
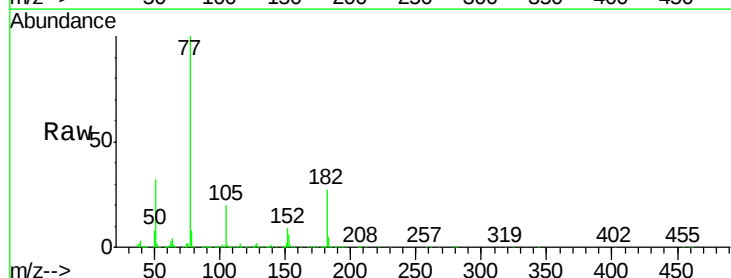
Instrument :
BNA_G
ClientSampleId :
PB91509BS

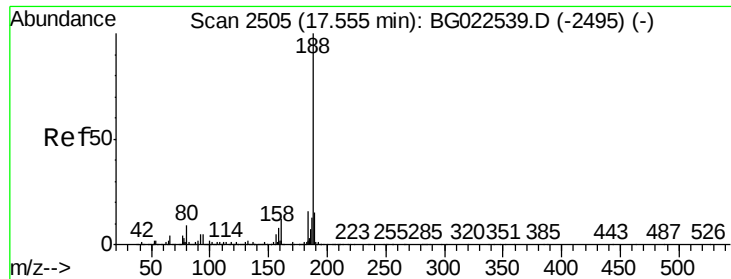
Tot Ion:138 Resp: 304725
Ion Ratio Lower Upper
138 100
92 68.8 54.1 94.1
108 137.2 133.9 173.9



#62
Azobenzene
Concen: 41.94 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion: 77 Resp: 1385200
Ion Ratio Lower Upper
77 100
182 26.6 3.5 43.5
105 20.3 0.0 38.5
51 32.3 17.1 57.1

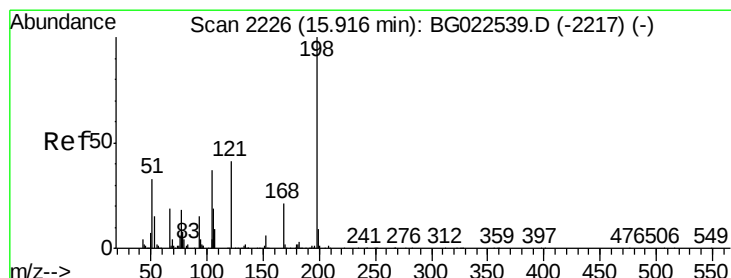
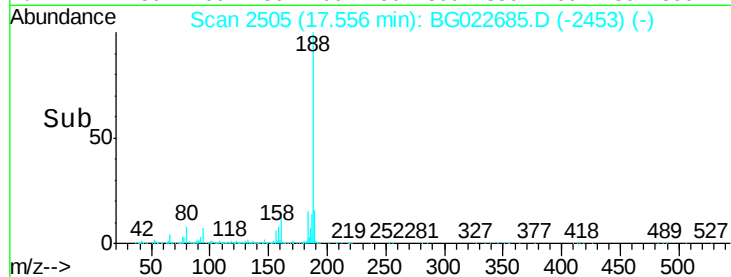
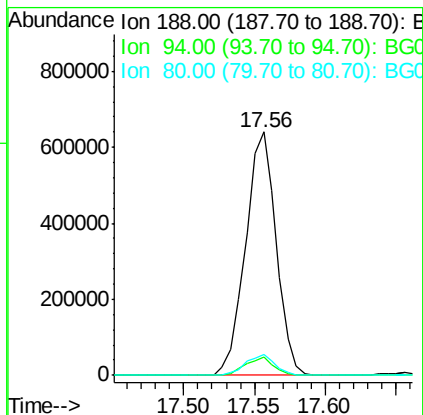
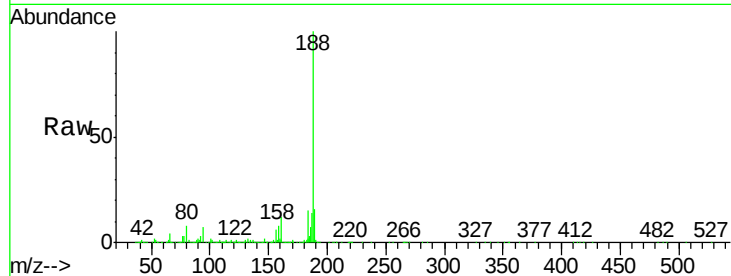




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

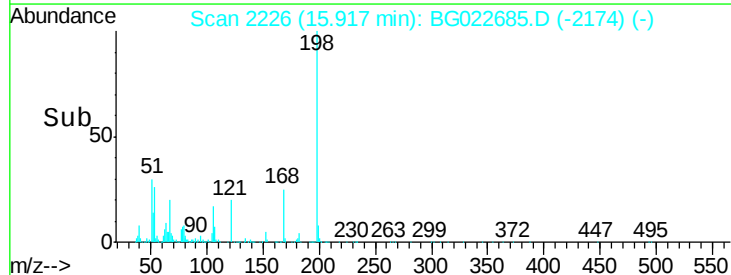
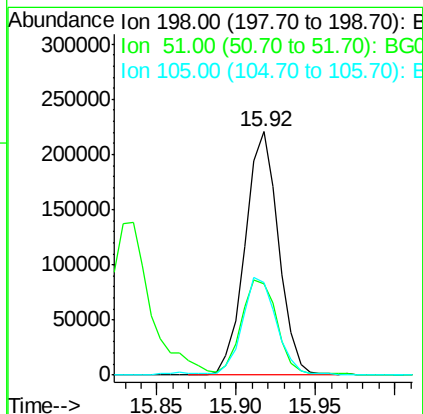
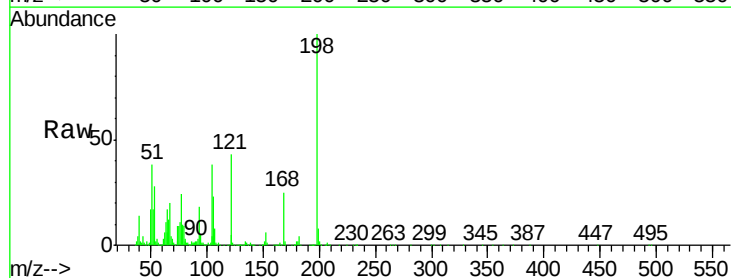
Instrument :
BNA_G
ClientSampleId :
PB91509BS

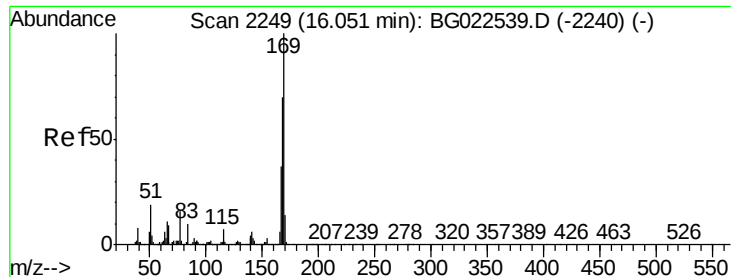
Tot Ion:188 Resp: 974584
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.4 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 49.47 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:198 Resp: 323357
Ion Ratio Lower Upper
198 100
51 37.6 26.0 66.0
105 38.2 20.1 60.1

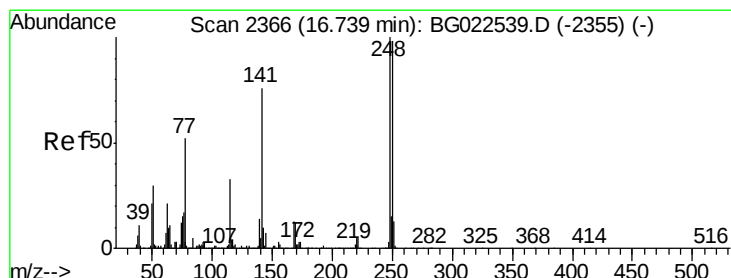
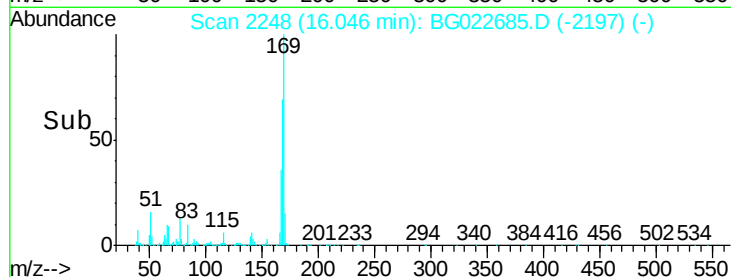
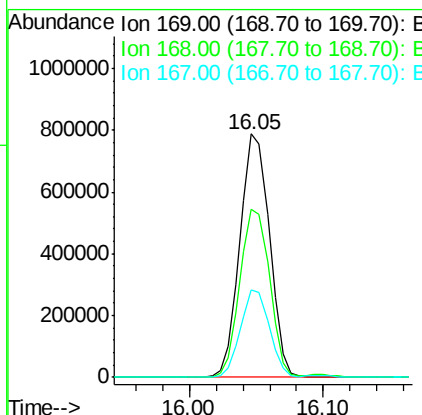
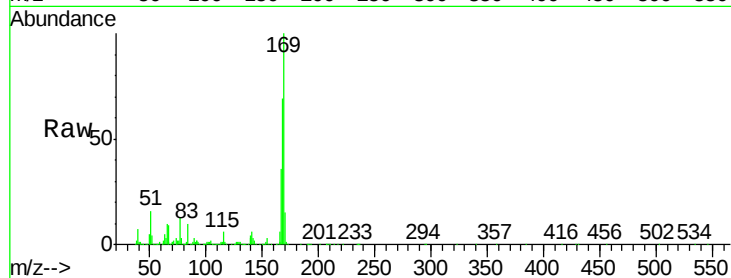




#65
n-Nitrosodiphenylamine
Concen: 42.65 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

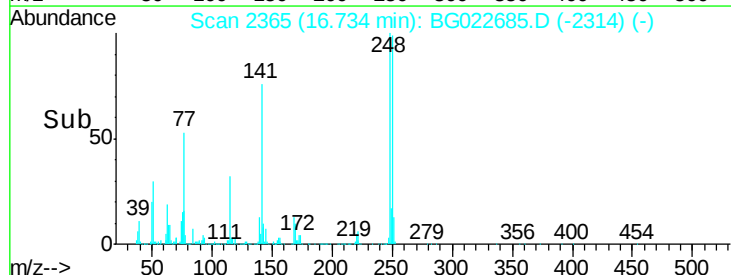
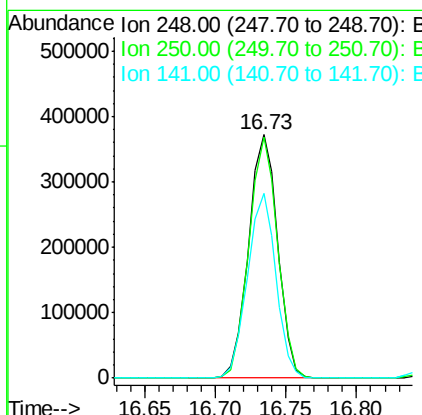
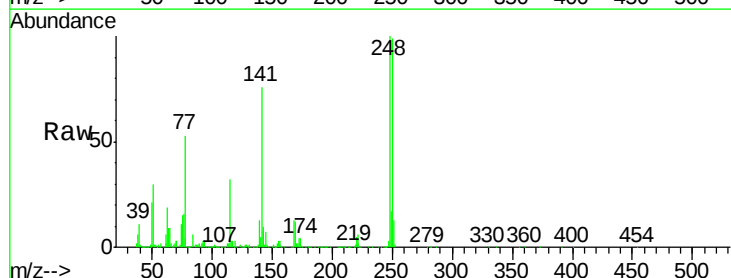
Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:169 Resp: 1209451
Ion Ratio Lower Upper
169 100
168 68.9 55.0 82.4
167 36.1 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 42.71 ng
RT: 16.73 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:248 Resp: 539940
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.8
141 76.0 65.7 98.5





#67

Hexachlorobenzene

Concen: 42.60 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

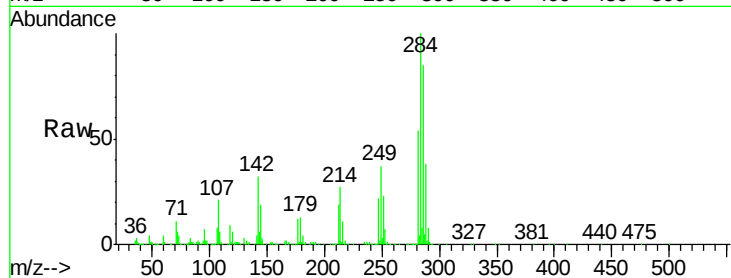
Tot Ion:284 Resp: 569483

Ion Ratio Lower Upper

284 100

142 32.0 26.8 40.2

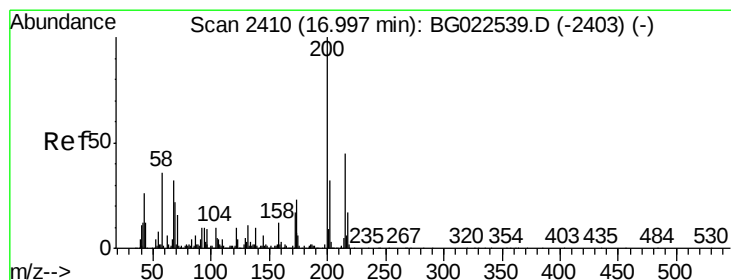
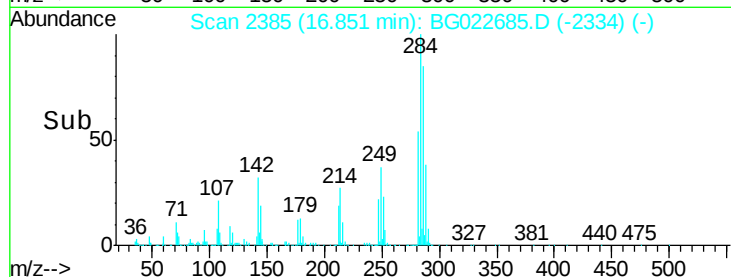
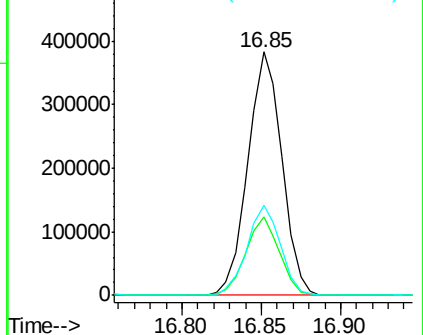
249 37.1 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.08 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

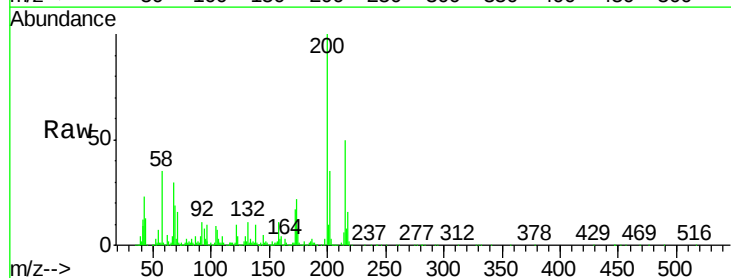
Tgt Ion:200 Resp: 503825

Ion Ratio Lower Upper

200 100

173 22.1 1.6 41.6

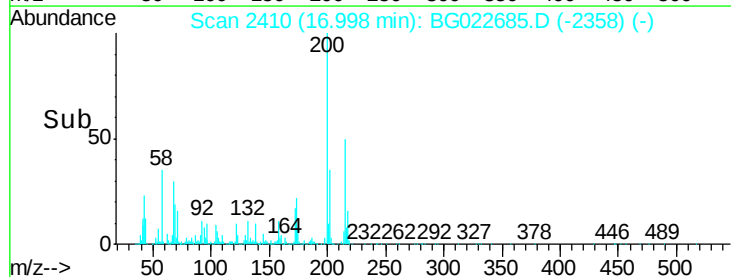
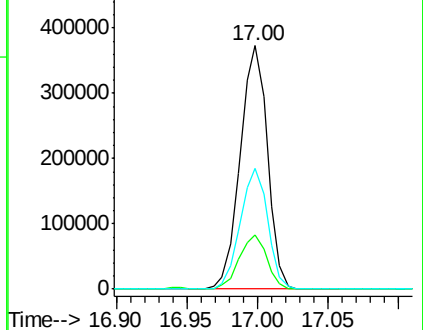
215 49.8 28.7 68.7

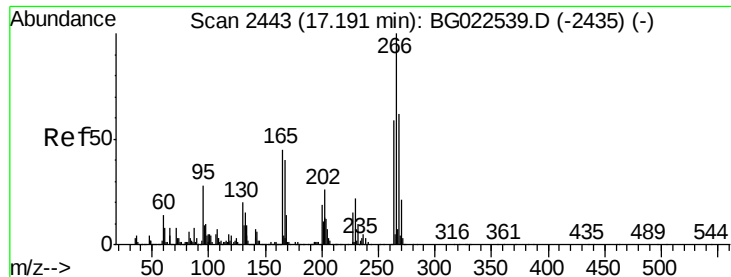


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

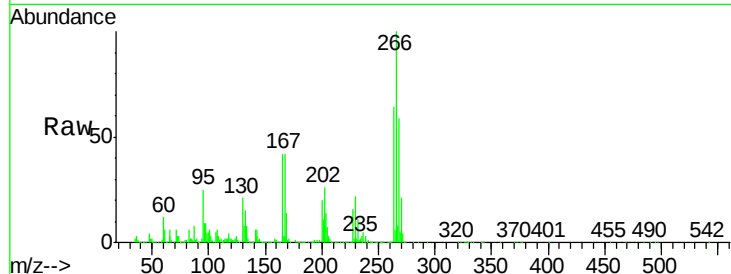




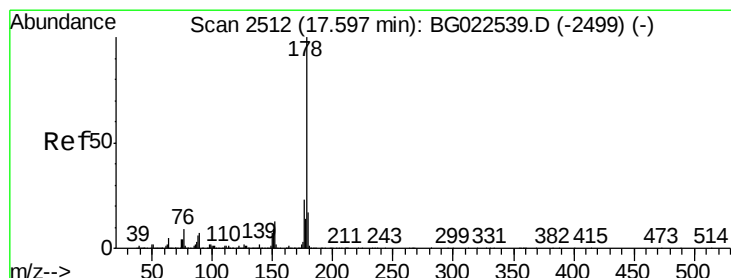
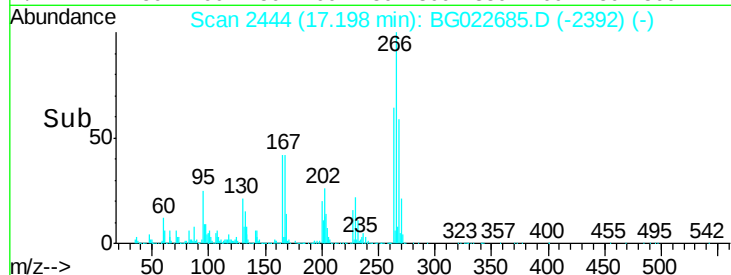
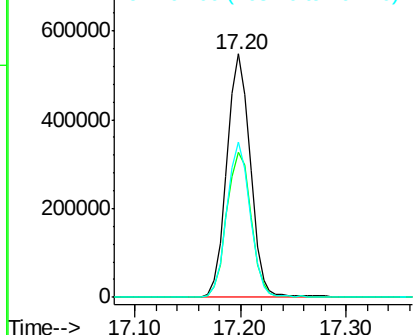
#69
 Pentachlorophenol
 Concen: 91.72 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.5	51.9	77.9
264	64.0	50.6	75.8

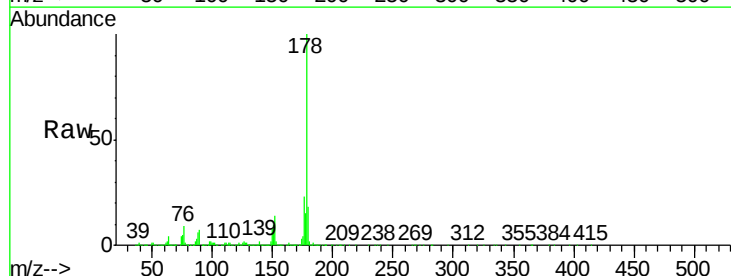


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

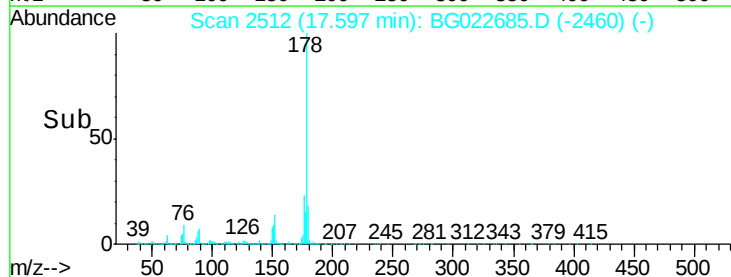
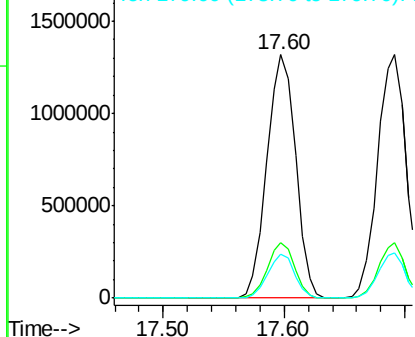


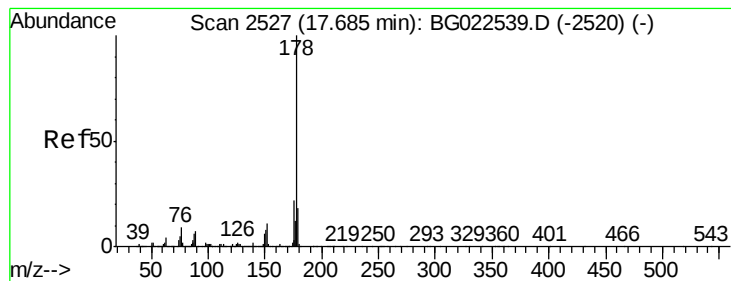
#70
 Phenanthrene
 Concen: 43.40 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.8	25.2
179	17.9	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: 42.10 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

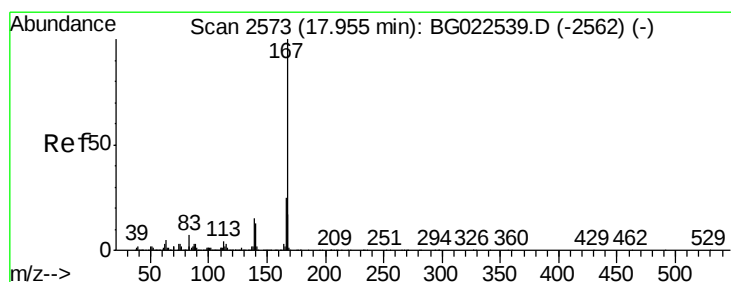
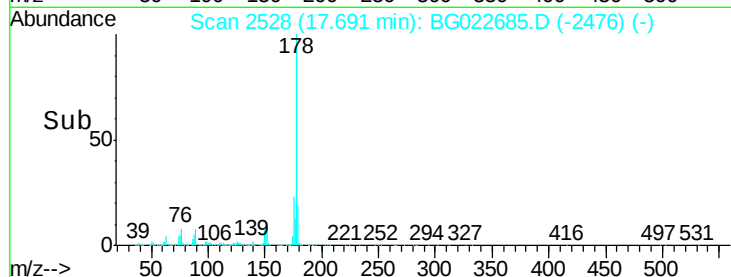
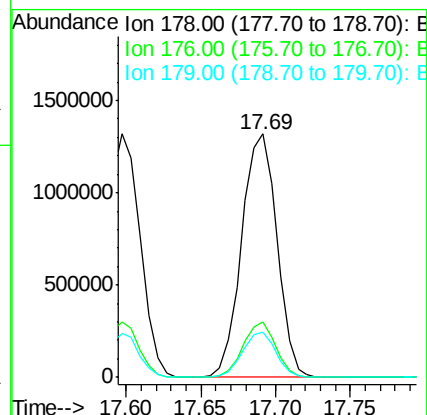
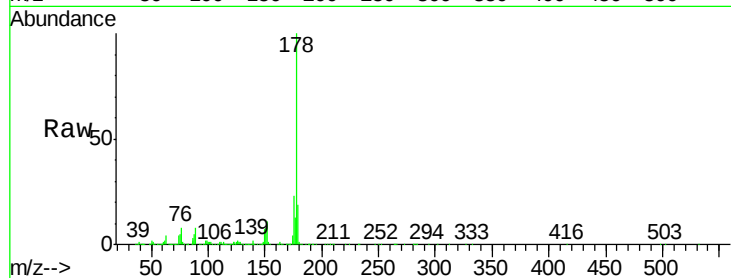
BNA_G

ClientSampleId :

PB91509BS

Tot Ion:178 Resp: 2153530

Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.3	25.9
179	18.8	14.0	21.0



#72

Carbazole

Concen: 45.78 ng

RT: 17.96 min Scan# 2573

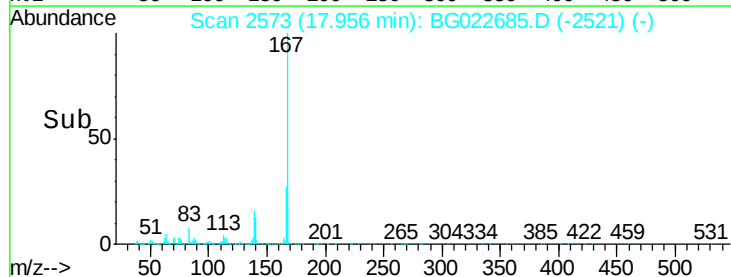
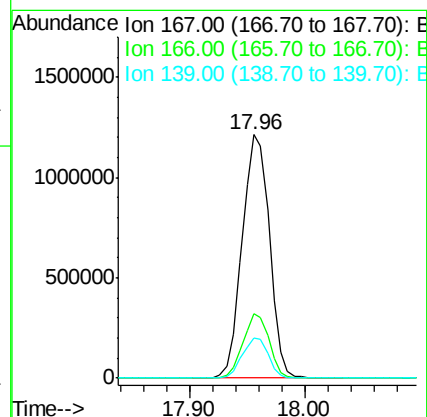
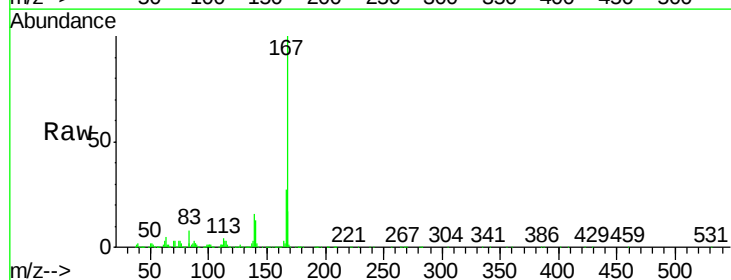
Delta R.T. 0.01 min

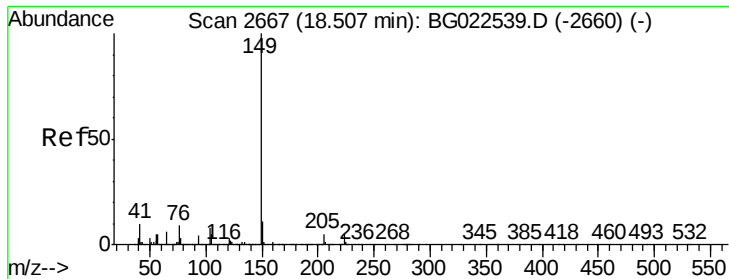
Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion:167 Resp: 1985025

Ion	Ratio	Lower	Upper
167	100		
166	26.7	20.7	31.1
139	16.5	11.9	17.9





#73

Di-n-butylphthalate

Concen: 44.96 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

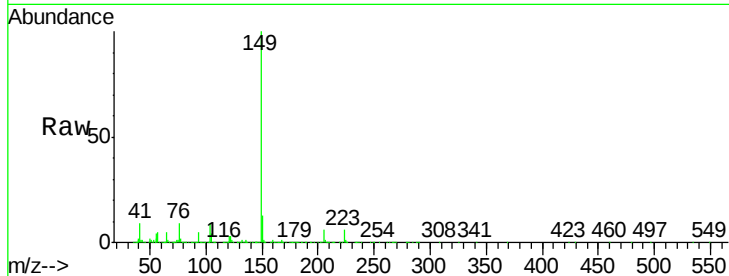
Tot Ion:149 Resp: 2270045

Ion Ratio Lower Upper

149 100

150 13.1 9.1 13.7

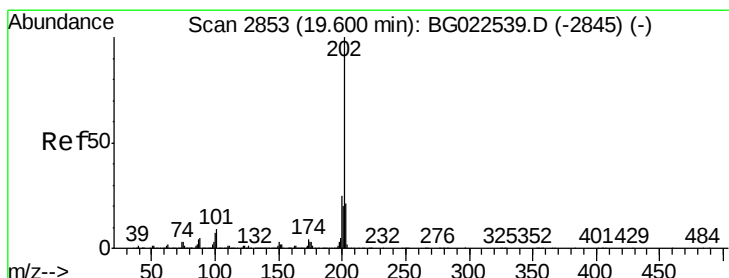
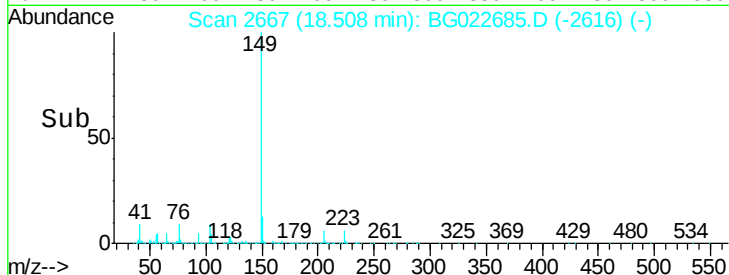
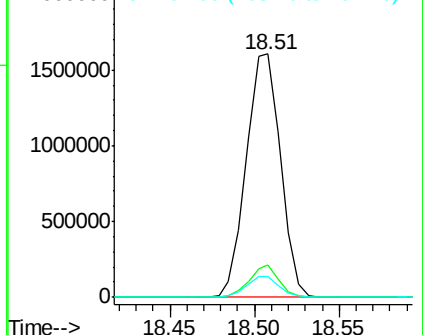
104 8.7 6.9 10.3



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: 46.17 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

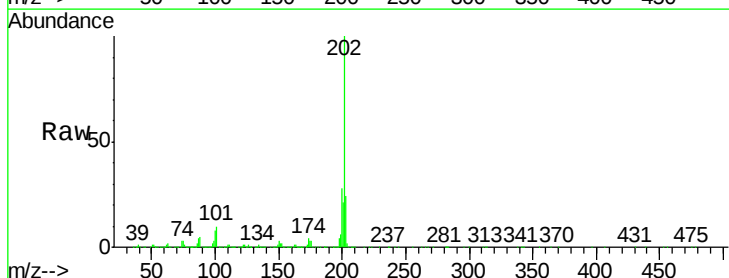
Tgt Ion:202 Resp: 2643640

Ion Ratio Lower Upper

202 100

101 10.3 0.0 27.4

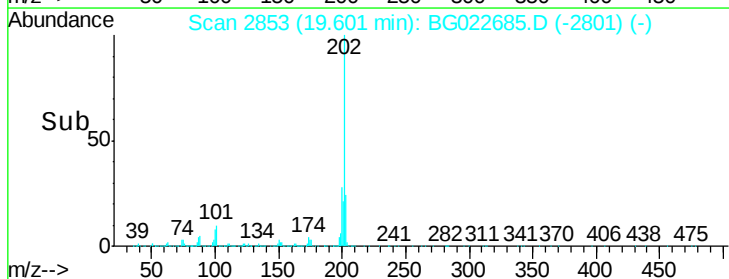
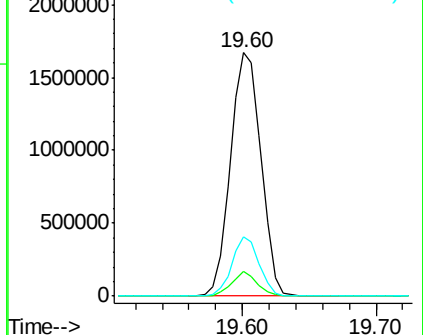
203 24.1 1.7 41.7

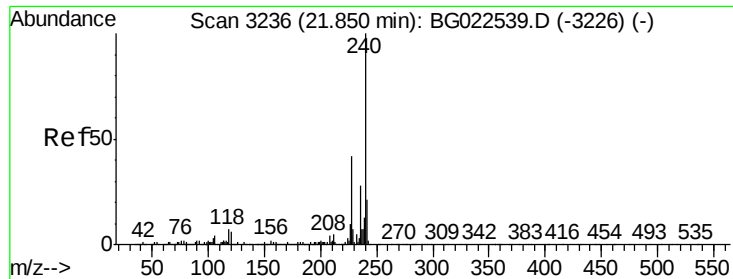


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

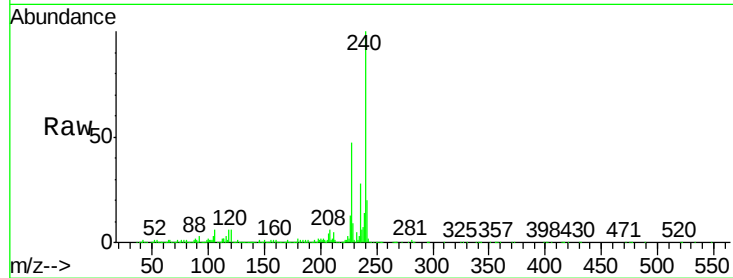
BNA_G

ClientSampleId :

PB91509BS

Tot Ion:240 Resp: 1180912

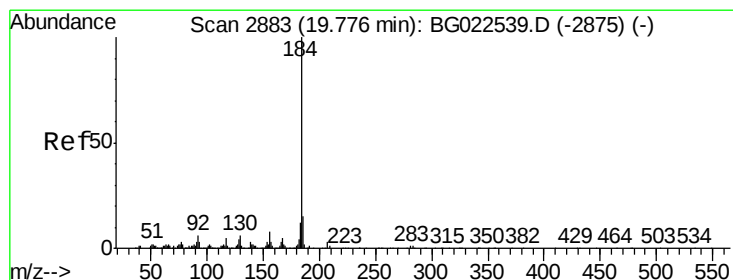
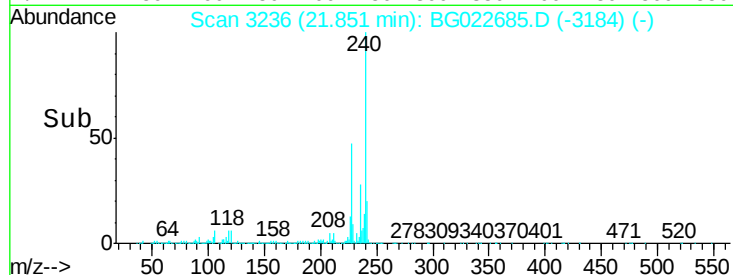
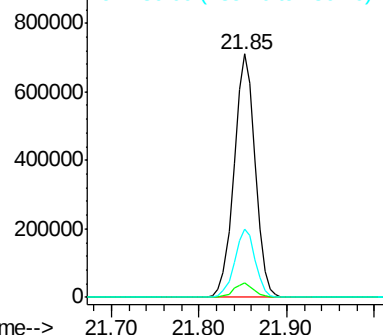
Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	28.1	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 74.47 ng

RT: 19.78 min Scan# 2883

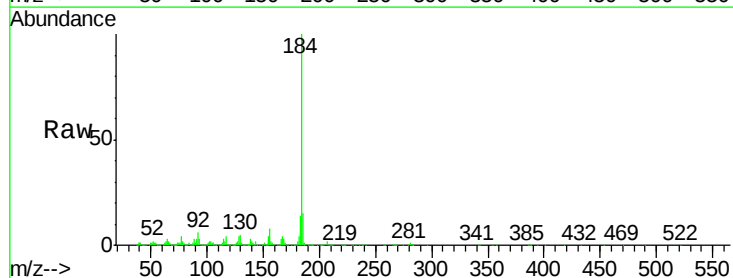
Delta R.T. -0.02 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion:184 Resp: 936328

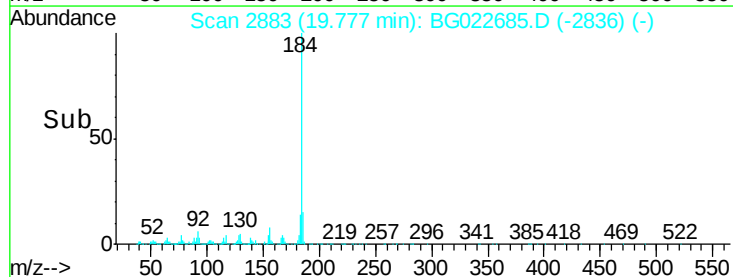
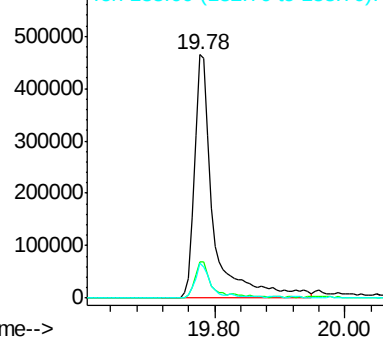
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	14.2	10.7	16.1

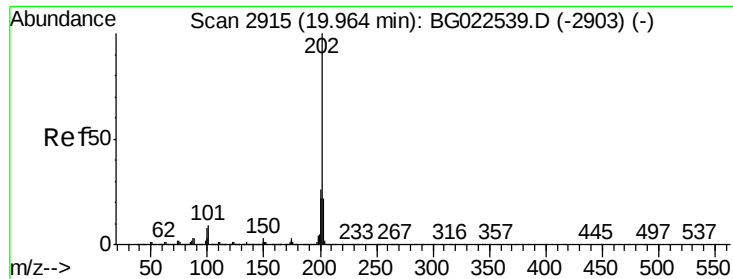


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.55 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

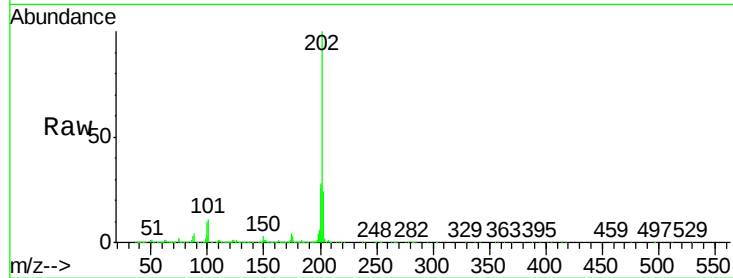
Tot Ion:202 Resp: 2676455

Ion	Ratio	Lower	Upper
202	100		
200	28.1	21.2	31.8
203	24.0	16.8	25.2

202 100

200 28.1 21.2 31.8

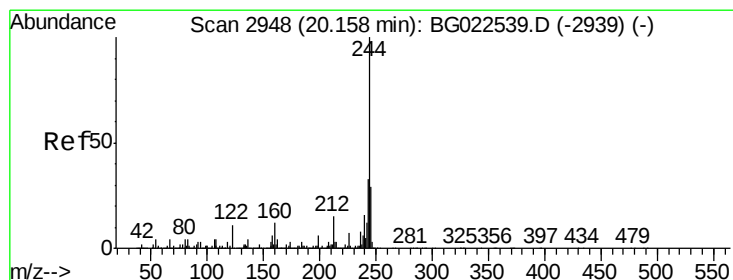
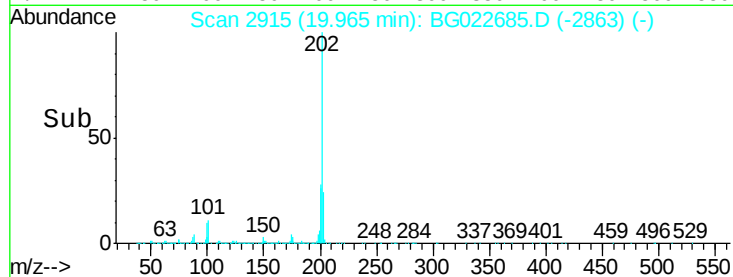
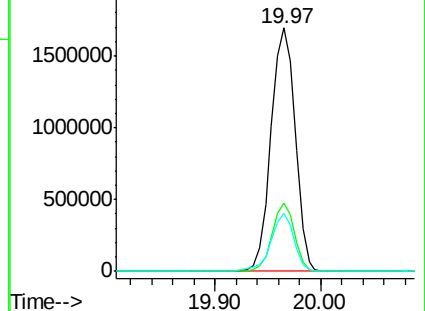
203 24.0 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.16 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

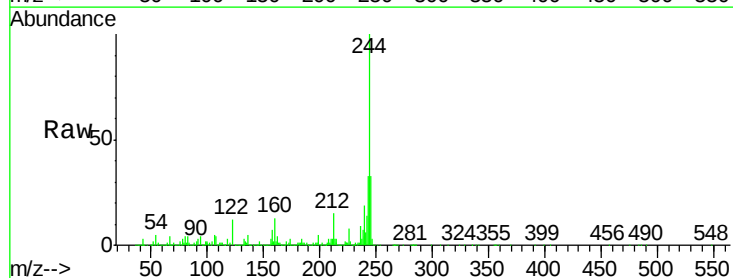
Tgt Ion:244 Resp: 3216320

Ion	Ratio	Lower	Upper
244	100		
212	15.4	10.8	16.2
122	12.3	8.0	12.0#

244 100

212 15.4 10.8 16.2

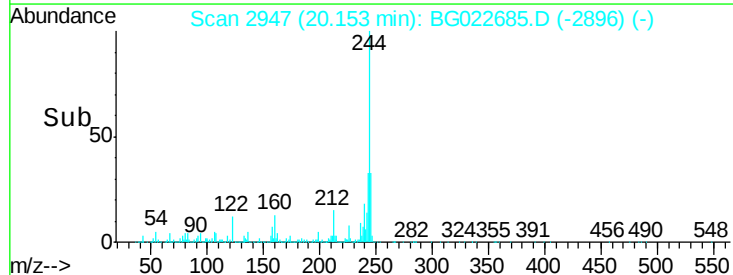
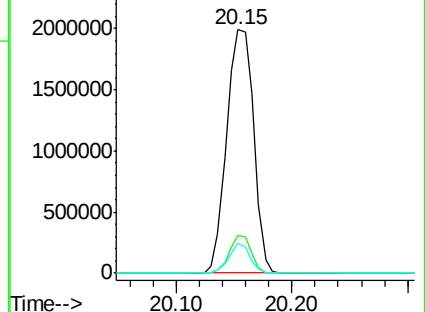
122 12.3 8.0 12.0#

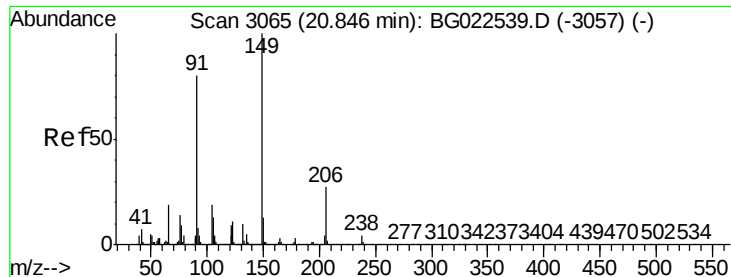


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

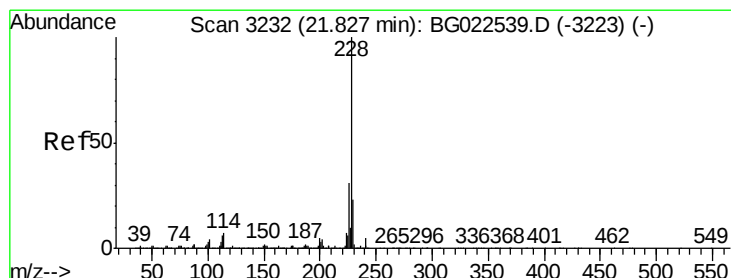
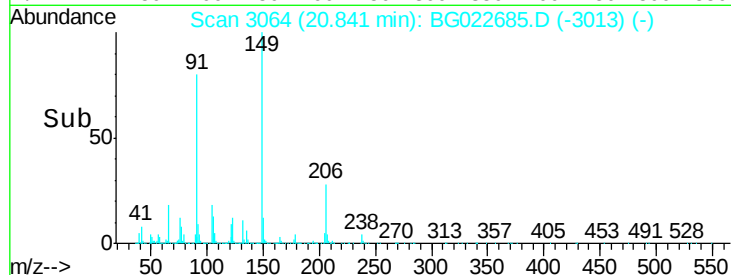
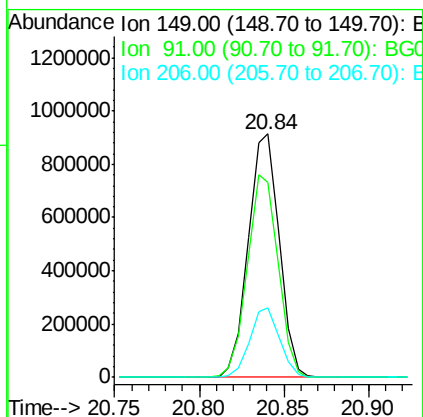
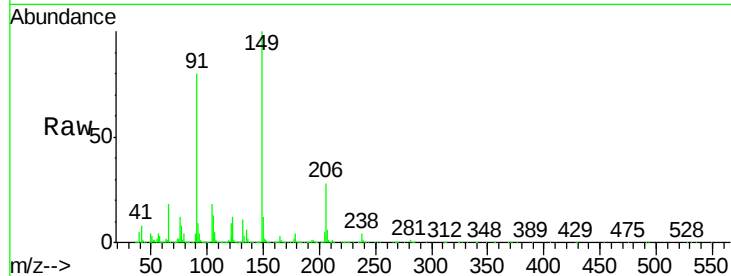




#79
Butylbenzylphthalate
Concen: 42.96 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

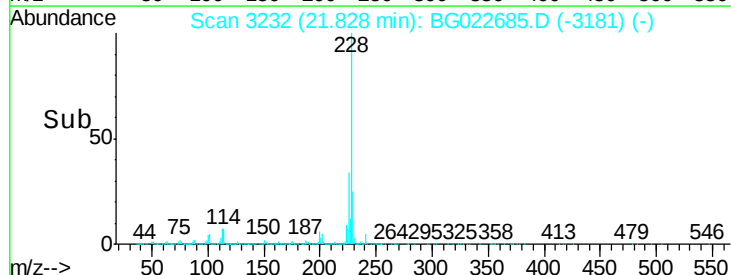
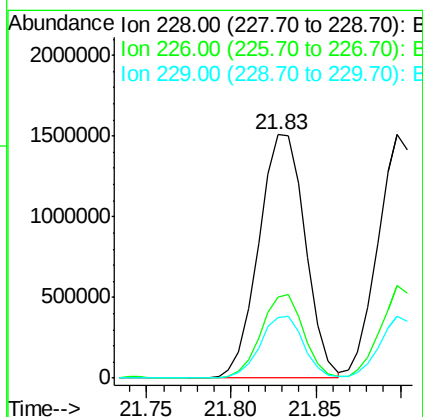
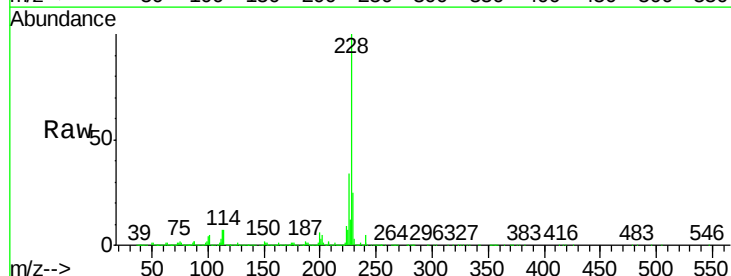
Instrument :
BNA_G
ClientSampleId :
PB91509BS

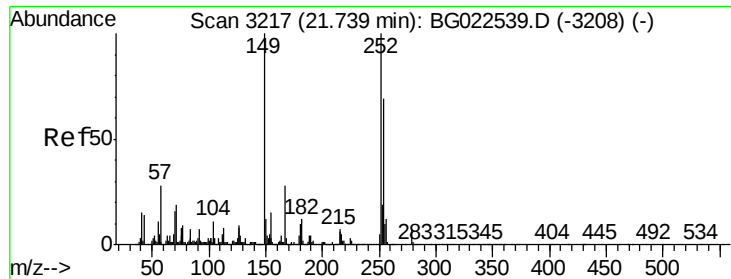
Tot Ion:149 Resp: 1169754
Ion Ratio Lower Upper
149 100
91 80.2 68.1 102.1
206 28.3 19.8 29.6



#80
Benzo(a)anthracene
Concen: 44.19 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:228 Resp: 2887232
Ion Ratio Lower Upper
228 100
226 33.5 25.3 37.9
229 25.0 19.9 29.9

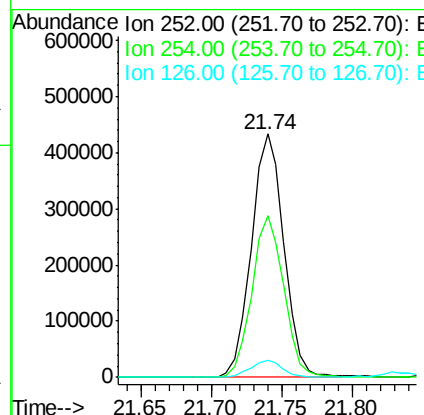
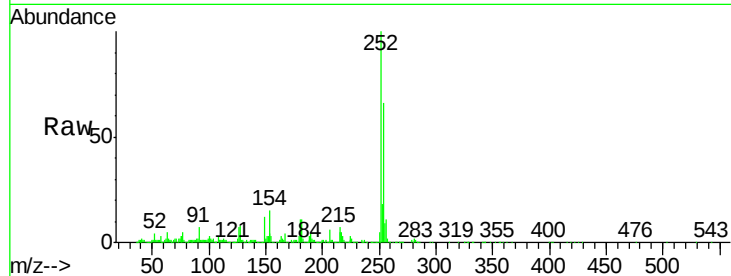




#81
 3,3'-Dichlorobenzidine
 Concen: 25.91 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

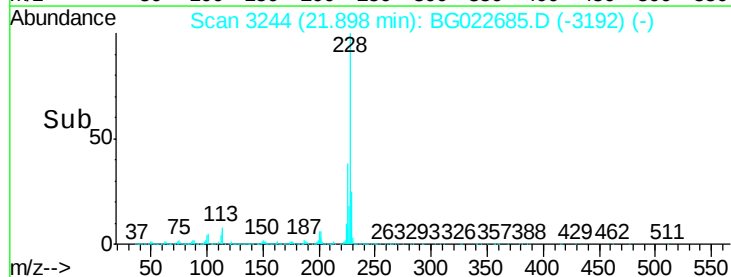
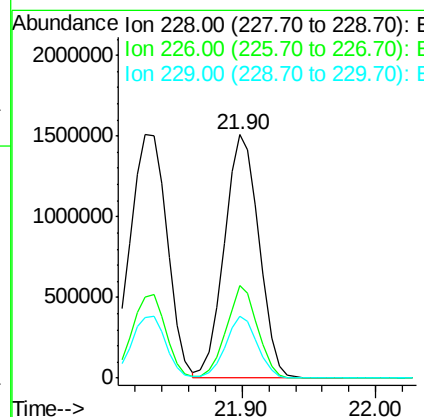
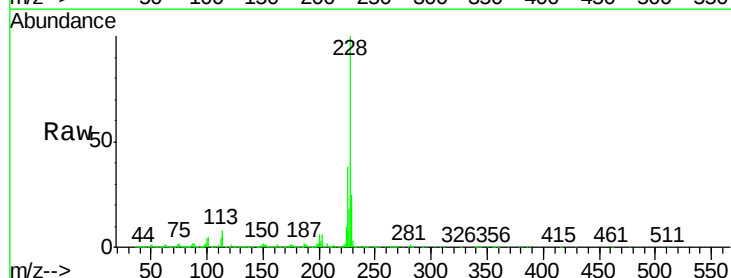
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

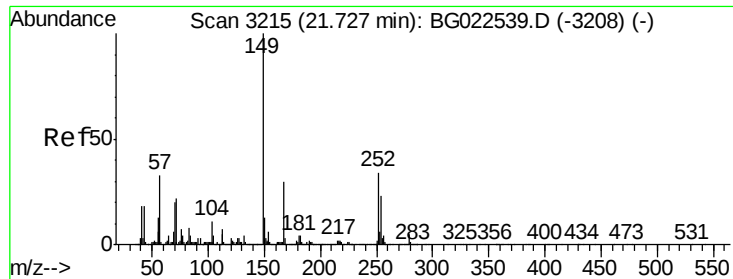
Tot Ion:252 Resp: 699301
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.2 76.8
 126 6.8 5.3 7.9



#82
 Chrysene
 Concen: 44.53 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion:228 Resp: 2734535
 Ion Ratio Lower Upper
 228 100
 226 38.2 26.7 40.1
 229 25.2 17.4 26.2

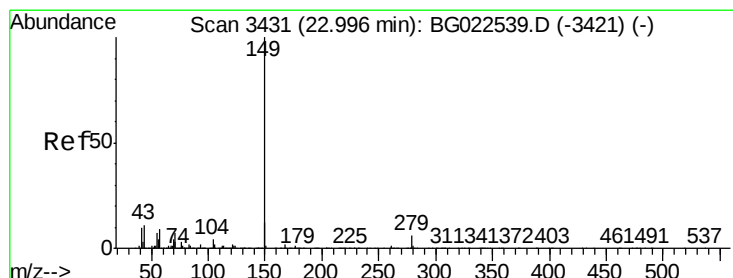
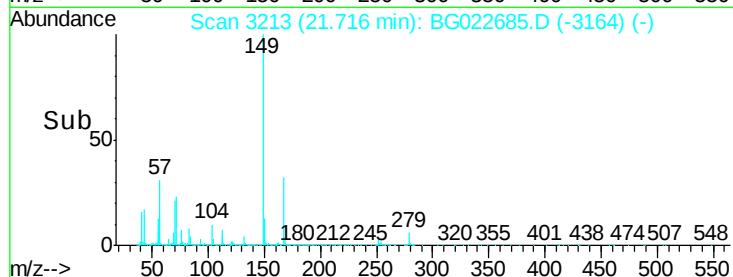
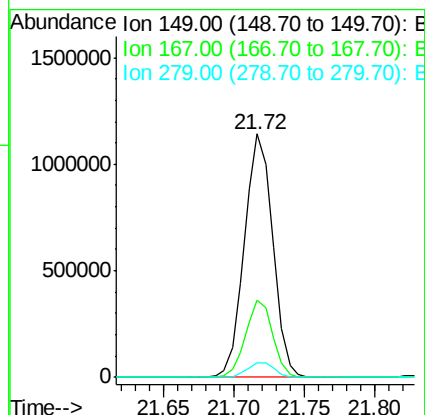
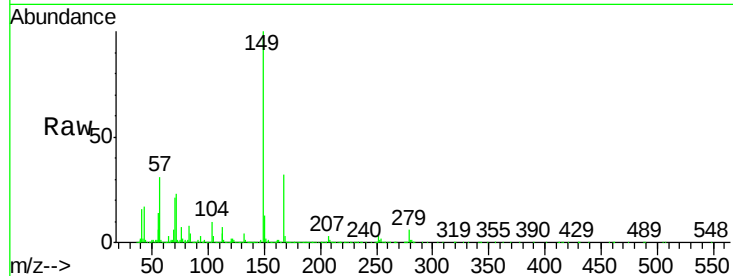




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.77 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

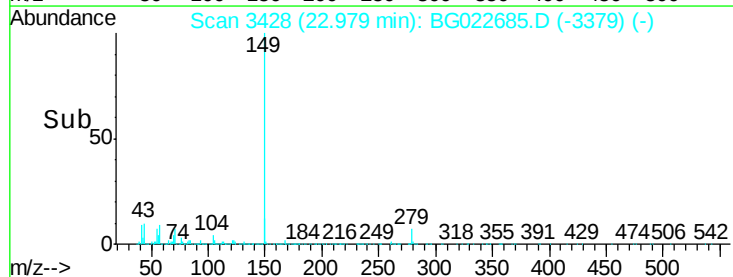
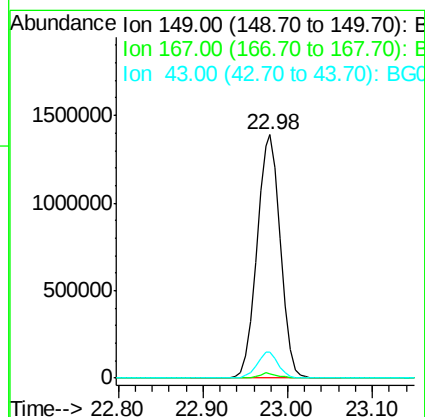
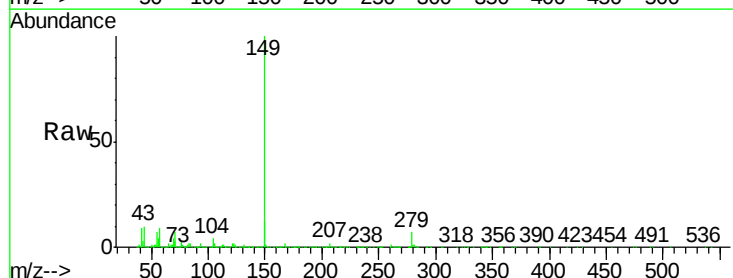
Instrument :
 BNA_G
 ClientSampleId :
 PB91509BS

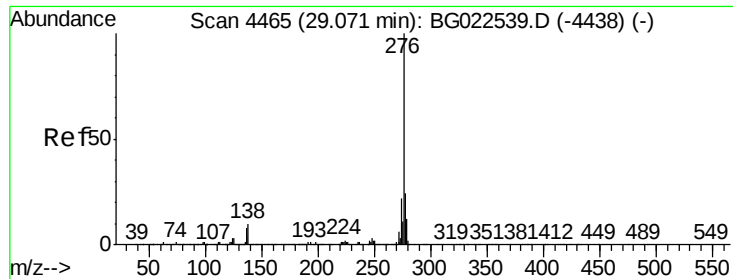
Tot Ion:149 Resp: 1601270
 Ion Ratio Lower Upper
 149 100
 167 31.7 24.0 36.0
 279 6.1 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 42.42 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. -0.01 min
 Lab File: BG022685.D
 Acq: 28 Jun 2016 21:06

Tgt Ion:149 Resp: 2680471
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 9.8 8.8 13.2

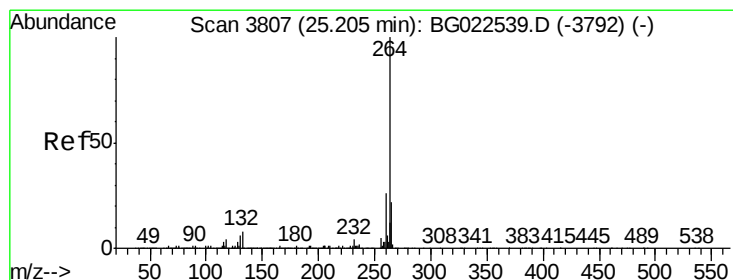
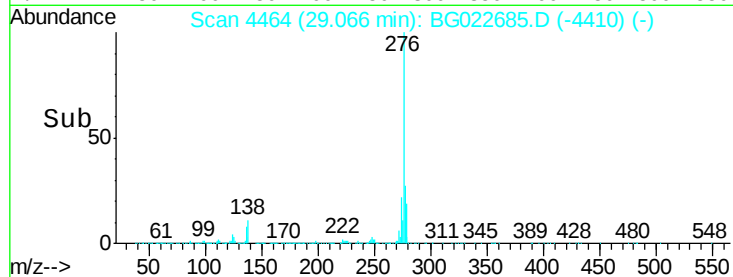
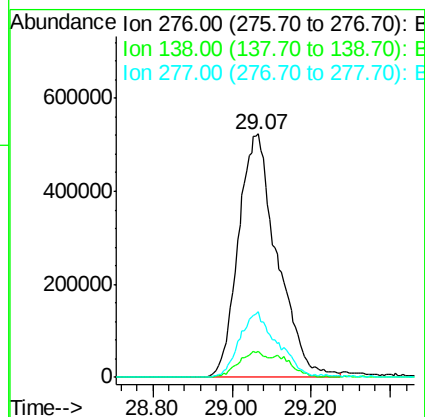
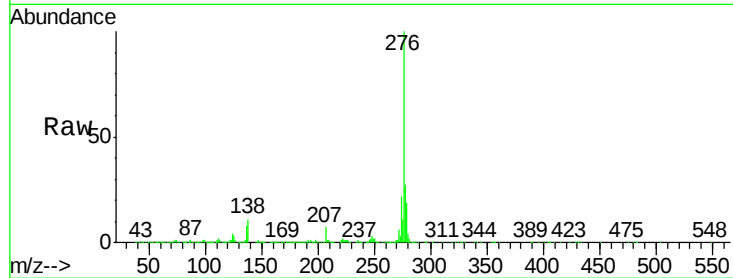




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.07 ng
RT: 29.07 min Scan# 4464
Delta R.T. 0.02 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

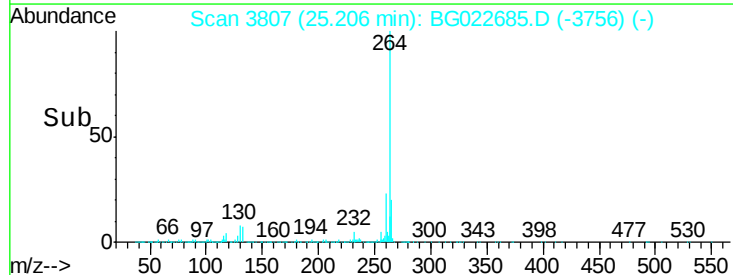
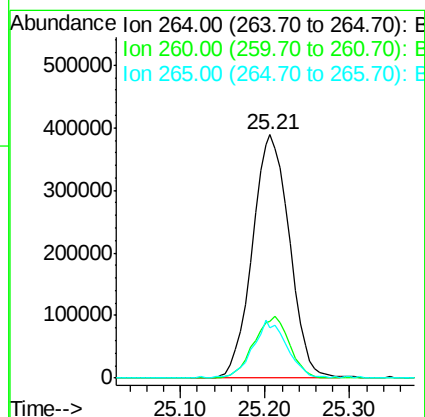
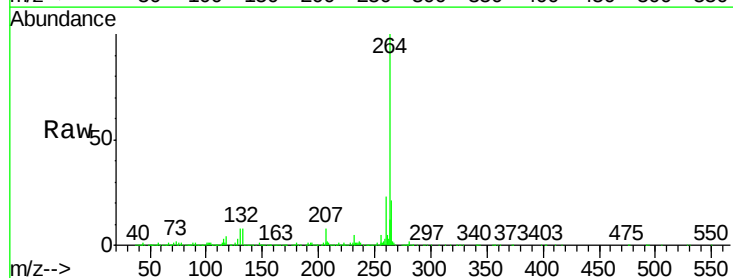
Instrument :
BNA_G
ClientSampleId :
PB91509BS

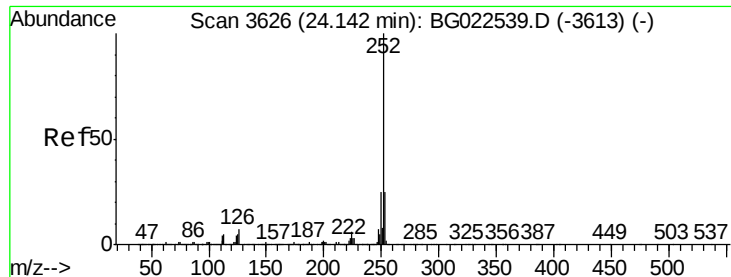
Tot Ion:276 Resp: 3555757
Ion Ratio Lower Upper
276 100
138 8.3 0.0 0.0#
277 26.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022685.D
Acq: 28 Jun 2016 21:06

Tgt Ion:264 Resp: 1185370
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 44.54 ng

RT: 24.14 min Scan# 3625

Delta R.T. 0.01 min

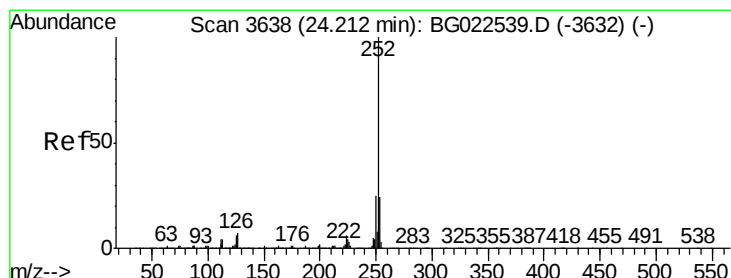
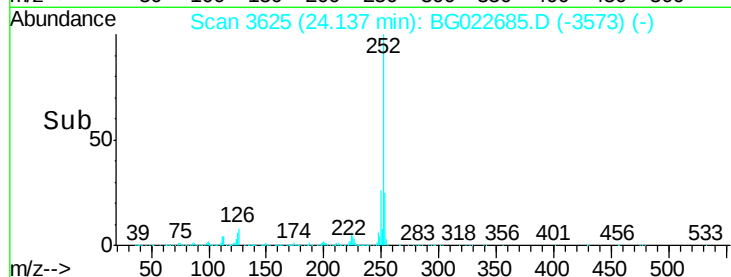
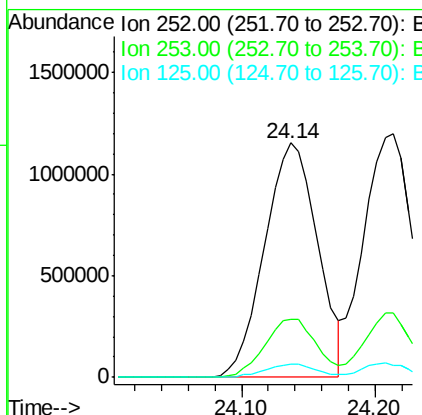
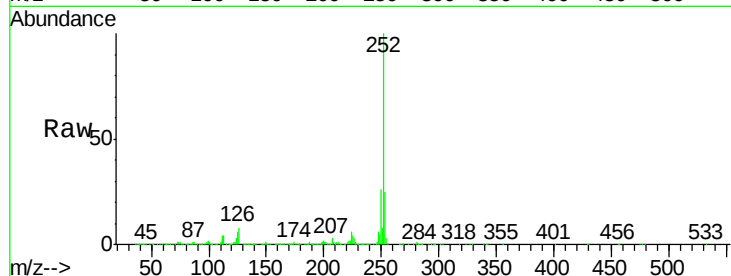
Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91509BS

Tot Ion:252 Resp: 3174535

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	5.7	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 45.20 ng

RT: 24.21 min Scan# 3638

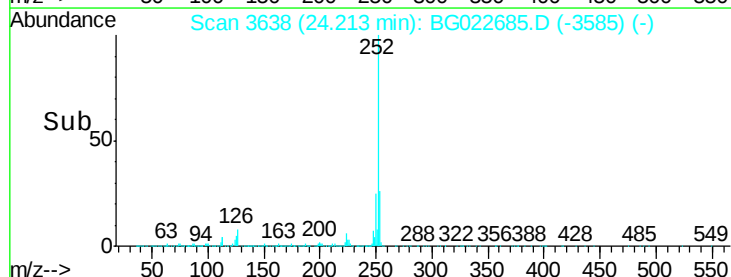
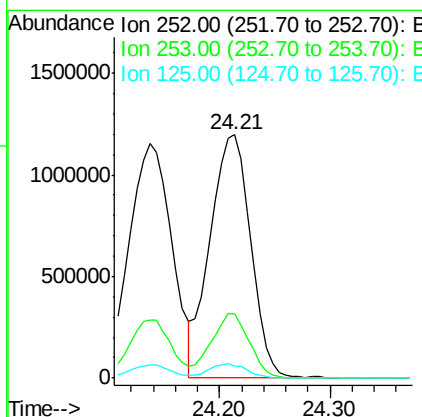
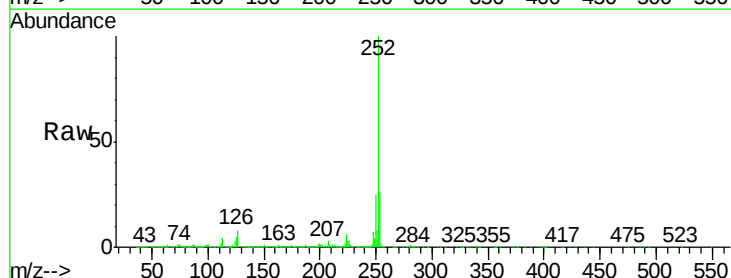
Delta R.T. 0.01 min

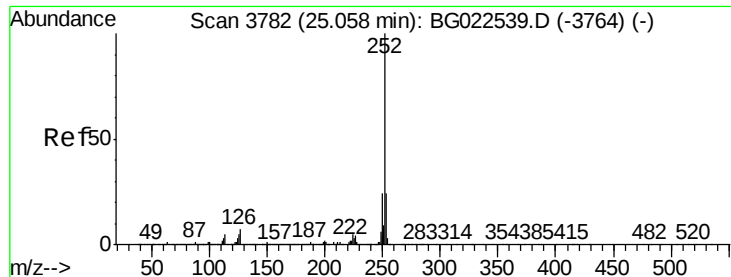
Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion:252 Resp: 3045683

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.8	28.2
125	5.1	3.2	4.8





#89

Benzo(a)pyrene

Concen: 45.11 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

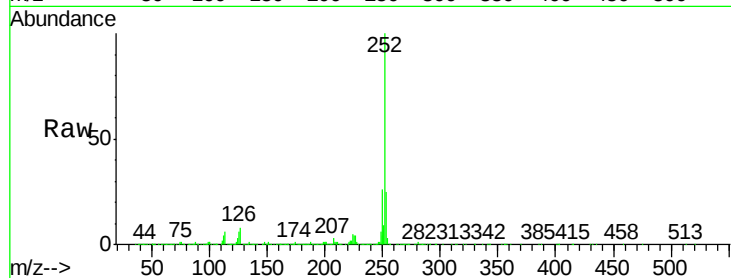
BNA_G

ClientSampleId :

PB91509BS

Tot Ion:252 Resp: 3134273

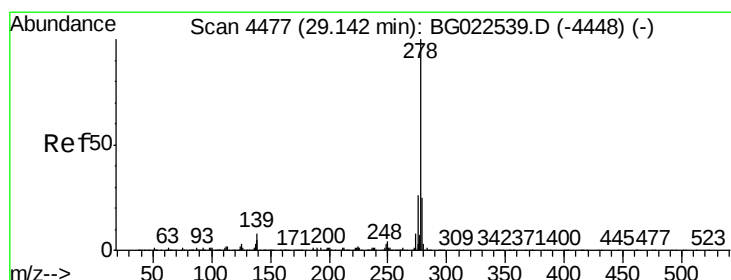
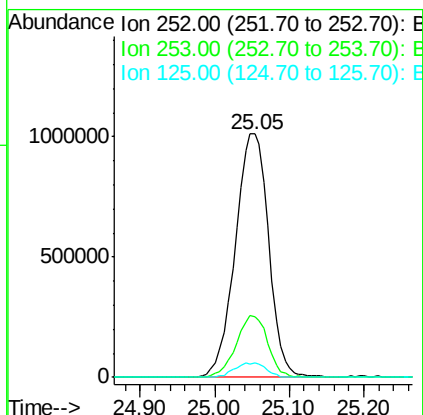
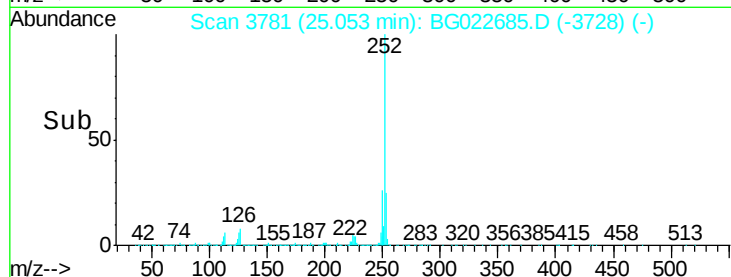
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	5.9	3.9	5.9#



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: 44.61 ng

RT: 29.13 min Scan# 4474

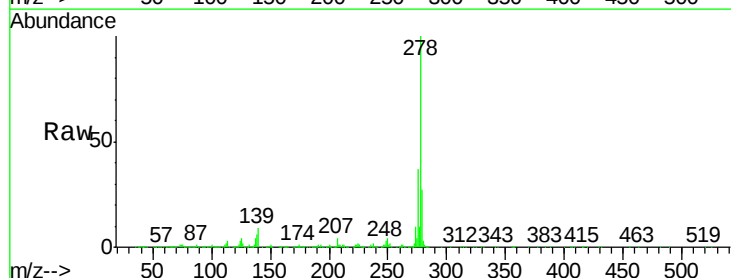
Delta R.T. 0.01 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Tgt Ion:278 Resp: 2918330

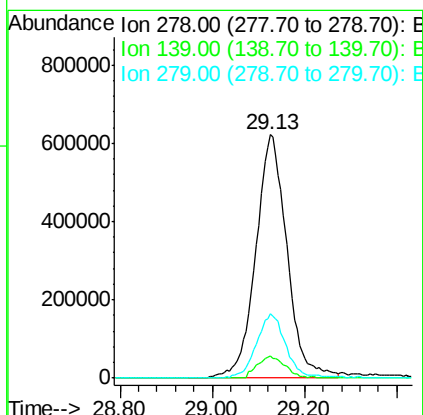
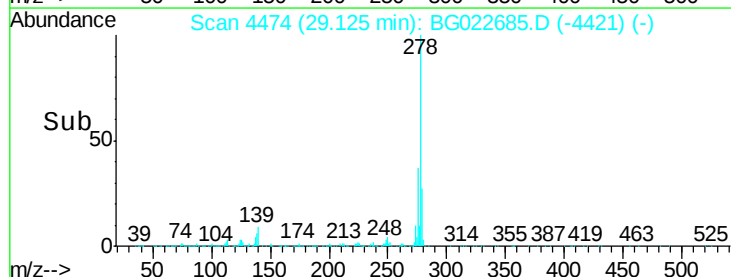
Ion	Ratio	Lower	Upper
278	100		
139	8.9	4.7	7.1#
279	26.7	18.3	27.5

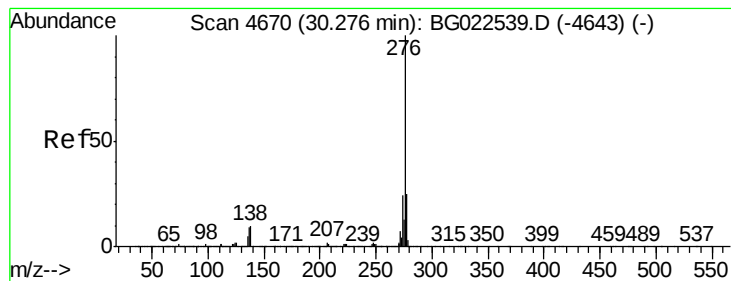


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.18 ng

RT: 30.27 min Scan# 4669

Delta R.T. 0.02 min

Lab File: BG022685.D

Acq: 28 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91509BS

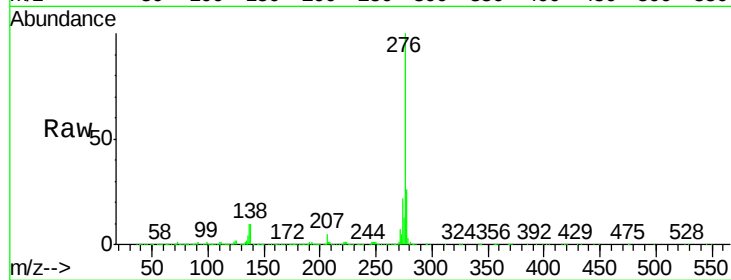
Tot Ion:276 Resp: 2875462

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 10.2 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

