

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022897.D
 Acq On : 7 Jul 2016 15:53
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 07 16:27:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 14:54:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	124893	20.00	ng	0.01
21) Naphthalene-d8	10.98	136	602790	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	460813	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1095887	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1191093	20.00	ng	0.00
86) Perylene-d12	25.19	264	1227352	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	1173670	150.73	ng	0.00
7) Phenol-d6	7.32	99	1835850	167.27	ng	0.01
23) Nitrobenzene-d5	9.34	82	2091736	146.87	ng	0.01
41) 2,4,6-Tribromophenol	16.30	330	1217069	167.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	3689927	126.99	ng	0.00
78) Terphenyl-d14	20.16	244	4227895	94.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	233146	73.88	ng	# 94
3) Pyridine	3.98	79	834171	94.49	ng	97
4) n-Nitrosodimethylamine	3.89	42	351917	69.70	ng	91
6) Aniline	7.48	93	1319305	90.66	ng	98
8) 2-Chlorophenol	7.72	128	655580	81.28	ng	99
9) Benzaldehyde	7.29	77	533985	138.25	ng	94
10) Phenol	7.34	94	971168	83.72	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	761969	79.79	ng	97
12) 1,3-Dichlorobenzene	8.04	146	770889	78.54	ng	97
13) 1,4-Dichlorobenzene	8.19	146	785547	79.83	ng	95
14) 1,2-Dichlorobenzene	8.51	146	758477	81.06	ng	96
15) Benzyl Alcohol	8.40	79	904990	89.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	909253	86.09	ng	97
17) 2-Methylphenol	8.60	107	648686	84.84	ng	91
18) Hexachloroethane	9.25	117	332693	81.69	ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	847985	92.77	ng	96
20) 3+4-Methylphenols	8.93	107	920205	87.37	ng	98
22) Acetophenone	8.99	105	1379464	79.16	ng	# 94
24) Nitrobenzene	9.38	77	1136855	72.22	ng	# 92
25) Isophorone	9.90	82	2105235	76.15	ng	96
26) 2-Nitrophenol	10.09	139	476052	83.96	ng	87
27) 2,4-Dimethylphenol	10.14	122	781237	72.11	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	1199504	79.46	ng	98
29) 2,4-Dichlorophenol	10.63	162	848135	80.36	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	959450	76.56	ng	94
31) Naphthalene	11.04	128	2211293	72.98	ng	96
32) Benzoic acid	10.34	122	789427	120.99	ng	97
33) 4-Chloroaniline	11.14	127	1146593	87.85	ng	99
34) Hexachlorobutadiene	11.31	225	769568	79.01	ng	96
35) Caprolactam	11.96	113	326337	98.15	ng	90
36) 4-Chloro-3-methylphenol	12.26	107	1109750	85.65	ng	94
37) 2-Methylnaphthalene	12.63	142	1789410	76.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1524956	87.66	ng	98
40) Hexachlorocyclopentadiene	12.97	237	946478	68.15	ng	99

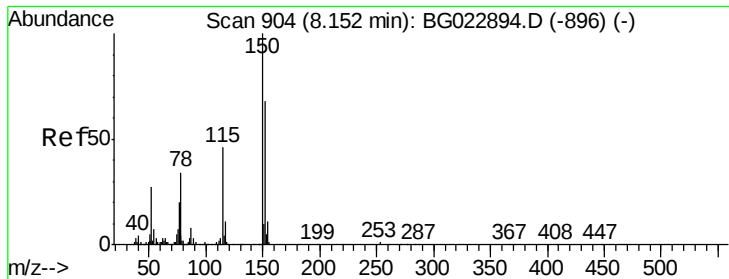
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	883408	79.19	nq	96
43) 2,4,5-Trichlorophenol	13.31	196	903659	77.41	nq	93
45) 1,1'-Biphenyl	13.63	154	2465527	70.24	nq	90
46) 2-Chloronaphthalene	13.69	162	2062734	71.41	nq	# 92
47) 2-Nitroaniline	13.89	65	905101	81.18	nq	94
48) Acenaphthylene	14.53	152	2855888	68.17	nq	# 89
49) Dimethylphthalate	14.26	163	2531606	66.23	nq	# 93
50) 2,6-Dinitrotoluene	14.38	165	648789	78.10	nq	83
51) Acenaphthene	14.87	154	1998720	64.76	nq	97
52) 3-Nitroaniline	14.71	138	647861	83.36	nq	89
53) 2,4-Dinitrophenol	14.91	184	480993	94.01	nq	92
54) Dibenzofuran	15.20	168	2721339	60.88	nq	# 91
55) 4-Nitrophenol	15.02	139	530519	80.72	nq	96
56) 2,4-Dinitrotoluene	15.17	165	899066	78.14	nq	91
57) Fluorene	15.85	166	2429240	68.10	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	932928	77.09	nq	91
59) Diethylphthalate	15.61	149	2499229	63.59	nq	# 88
60) 4-Chlorophenyl-phenylether	15.84	204	1553793	73.16	nq	94
61) 4-Nitroaniline	15.88	138	664683	82.88	nq	# 84
62) Azobenzene	16.14	77	2462674	57.86	nq	92
64) 4,6-Dinitro-2-methylphenol	15.94	198	679158	92.41	nq	97
65) n-Nitrosodiphenylamine	16.06	169	2287014	71.71	nq	# 90
66) 4-Bromophenyl-phenylether	16.74	248	1077748	75.81	nq	96
67) Hexachlorobenzene	16.86	284	1199409	79.79	nq	97
68) Atrazine	17.01	200	1007243	74.81	nq	90
69) Pentachlorophenol	17.21	266	838528	81.05	nq	99
70) Phenanthrene	17.61	178	3500168	62.63	nq	# 84
71) Anthracene	17.70	178	3483801	60.57	nq	# 82
72) Carbazole	17.97	167	3079701	63.16	nq	# 88
73) Di-n-butylphthalate	18.51	149	3302513	58.16	nq	# 88
74) Fluoranthene	19.61	202	3805711	59.11	nq	79
76) Benzidine	19.78	184	2304984	181.76	nq	# 89
77) Pyrene	19.97	202	3856149	60.78	nq	# 75
79) Butylbenzylphthalate	20.84	149	1853602	67.50	nq	# 96
80) Benzo(a)anthracene	21.83	228	4212176	63.91	nq	# 84
81) 3,3'-Dichlorobenzidine	21.74	252	2089849	76.77	nq	# 91
82) Chrysene	21.90	228	3921557	63.32	nq	# 77
83) Bis(2-ethylhexyl)phthalate	21.71	149	2488829	64.36	nq	# 90
84) Di-n-octyl phthalate	22.96	149	4024779	63.14	nq	# 98
85) Indeno(1,2,3-cd)pyrene	29.04	276	5858003	71.98	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	5031877	68.18	nq	# 89
88) Benzo(k)fluoranthene	24.20	252	4501468	64.52	nq	# 85
89) Benzo(a)pyrene	25.04	252	4788596	66.56	nq	# 91
90) Dibenzo(a,h)anthracene	29.11	278	4937144	72.89	nq	# 89
91) Benzo(g,h,i)perylene	30.25	276	5053441	73.30	nq	# 94

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

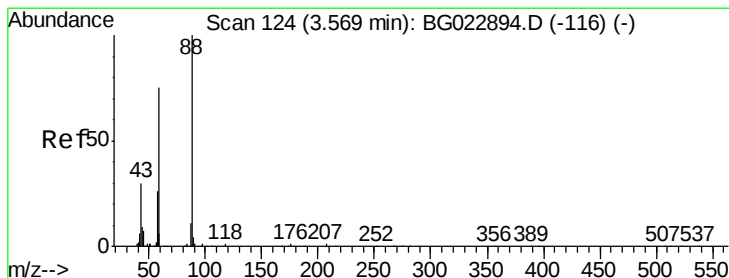
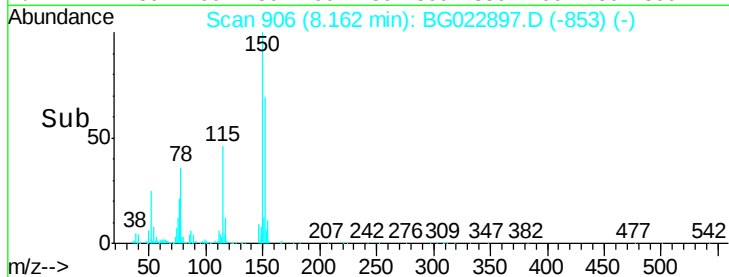
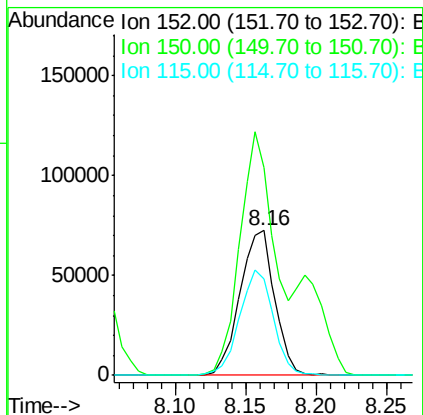
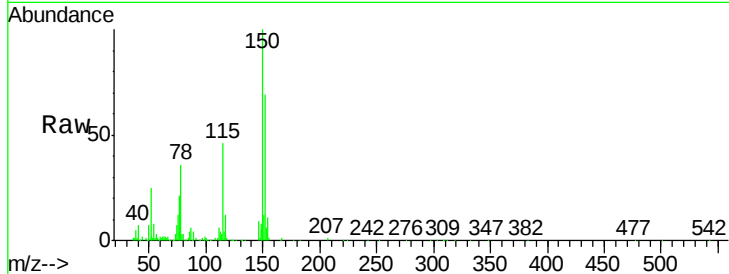


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Instrument :
BNA_G
ClientSampleId :

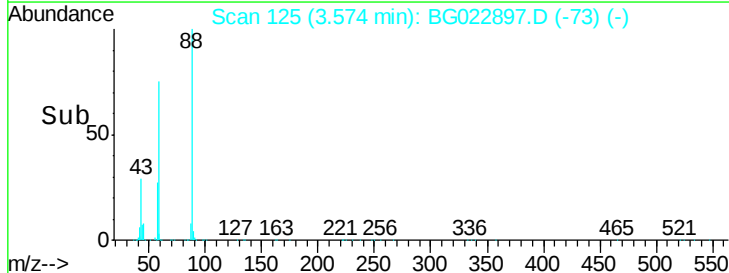
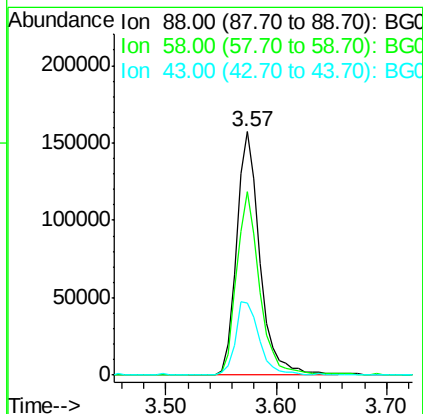
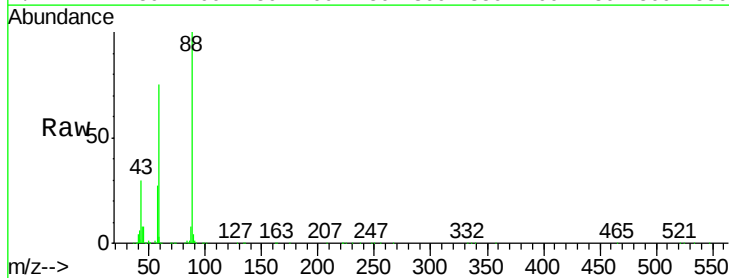
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	144.7	217.1#
115	66.9	64.0	96.0

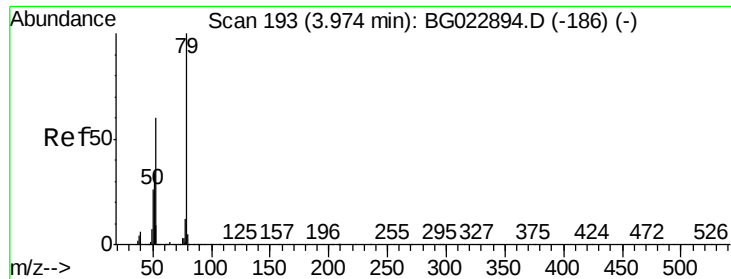


#2

1,4-Dioxane
Concen: 73.88 ng
RT: 3.57 min Scan# 125
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	60.4	90.6
43	30.7	31.1	46.7#





#3

Pvridine

Concen: 94.49 ng

RT: 3.98 min Scan# 194

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

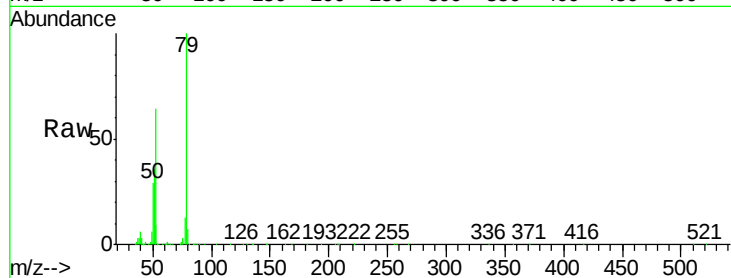
Tot Ion: 79 Resp: 834171

Ion Ratio Lower Upper

79 100

52 64.5 51.8 77.8

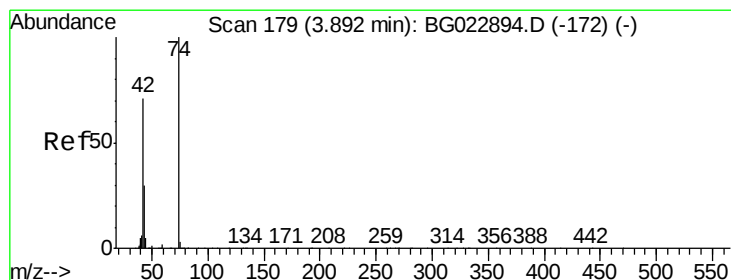
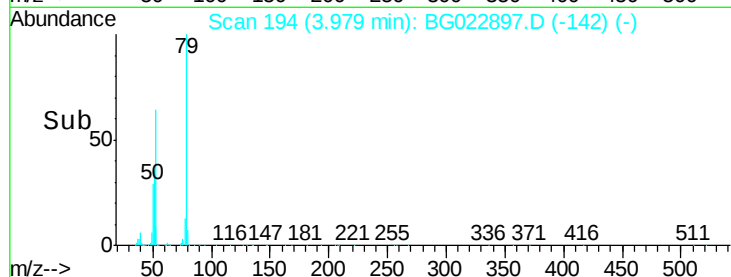
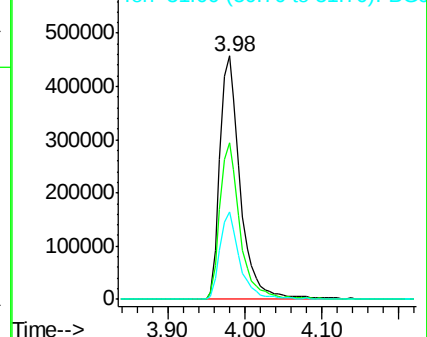
51 35.8 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 69.70 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

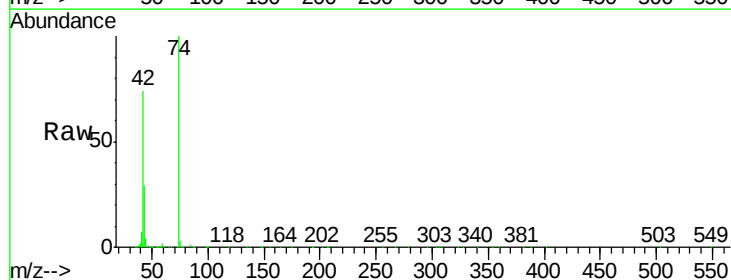
Tgt Ion: 42 Resp: 351917

Ion Ratio Lower Upper

42 100

74 136.0 100.6 150.8

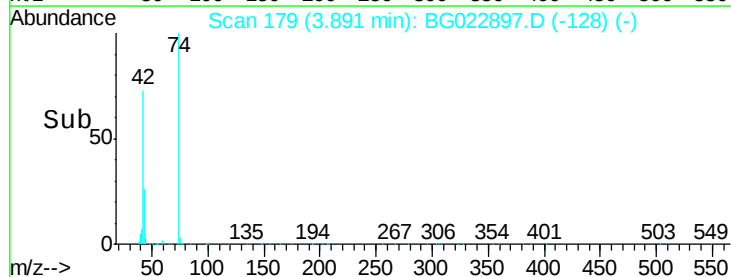
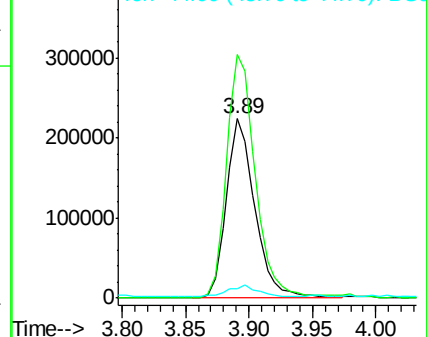
44 5.4 4.5 6.7

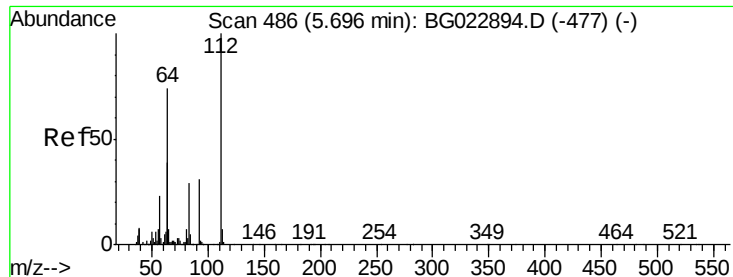


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.73 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

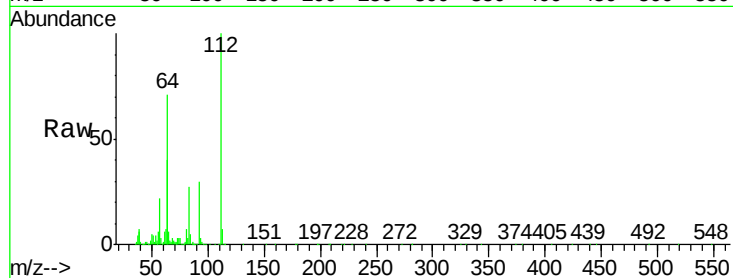
Tot Ion:112 Resp: 1173670

Ion Ratio Lower Upper

112 100

64 71.1 59.0 88.4

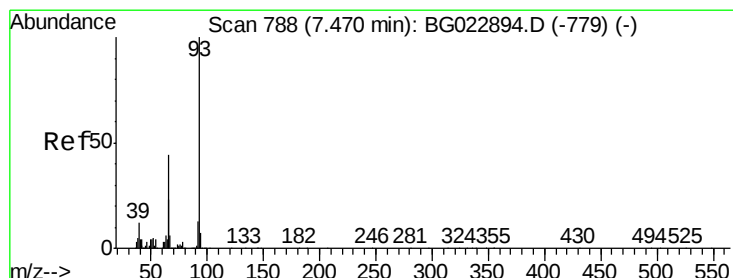
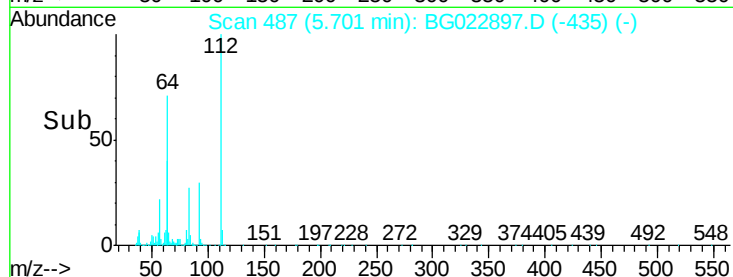
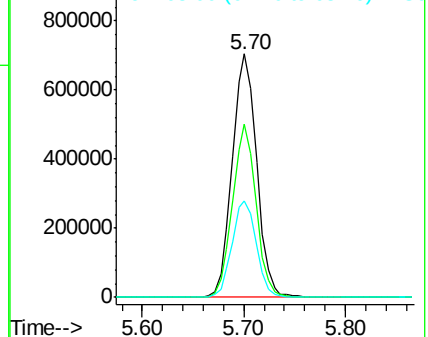
63 39.8 37.8 56.8



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: 90.66 ng

RT: 7.48 min Scan# 790

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

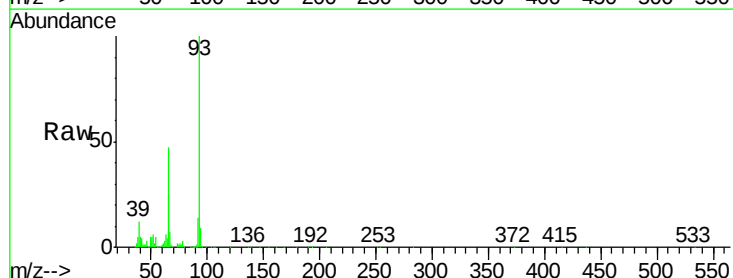
Tgt Ion: 93 Resp: 1319305

Ion Ratio Lower Upper

93 100

66 46.8 37.5 56.3

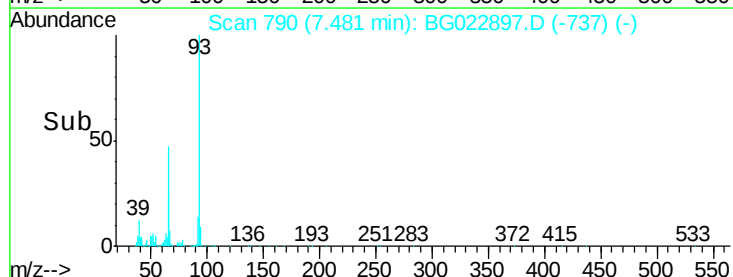
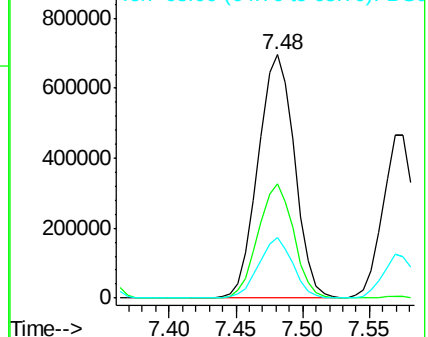
65 24.7 17.9 26.9

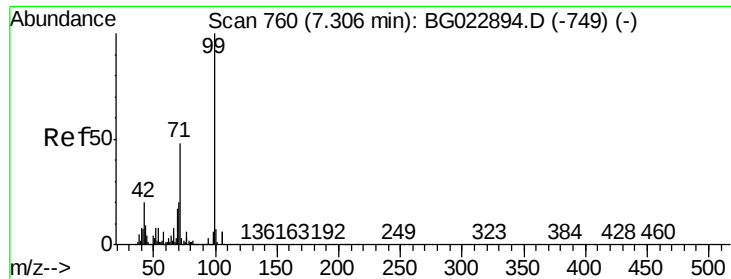


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 167.27 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

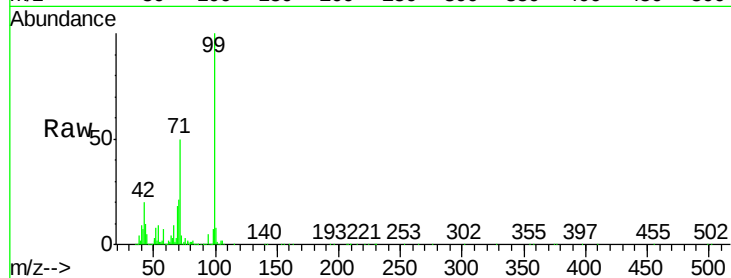
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1835850

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	50.2	41.5	62.3

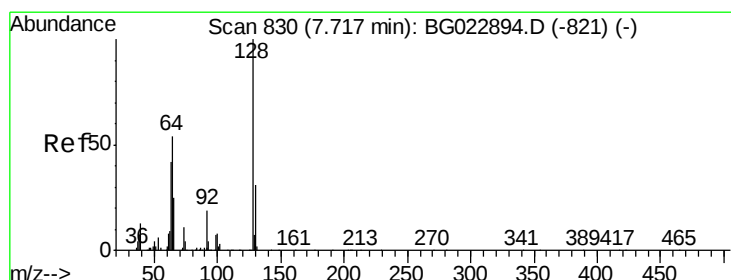
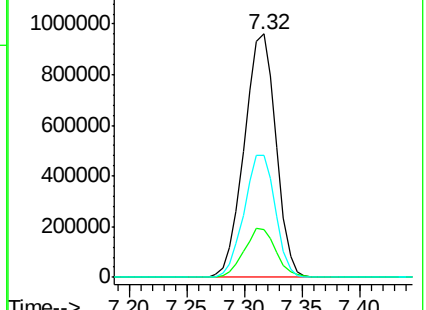
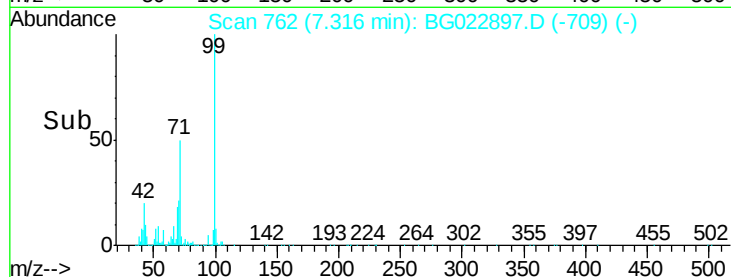


Abundance

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: 81.28 ng

RT: 7.72 min Scan# 831

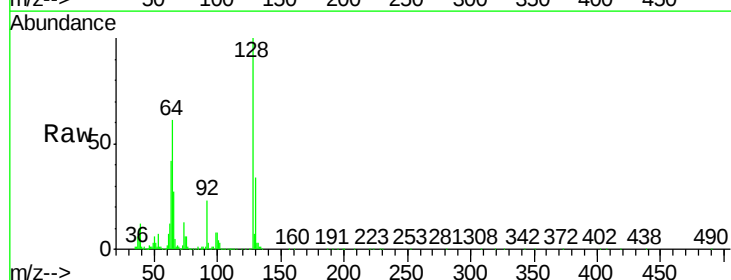
Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:128 Resp: 655580

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.9	52.9
64	61.1	42.0	82.0

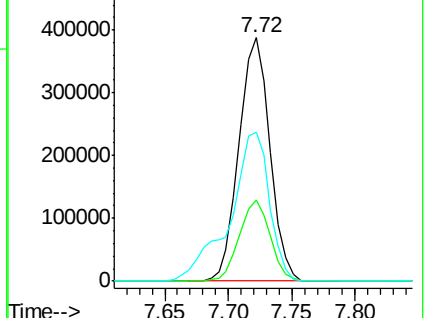
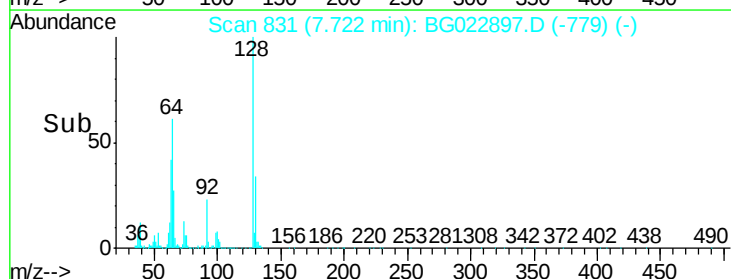


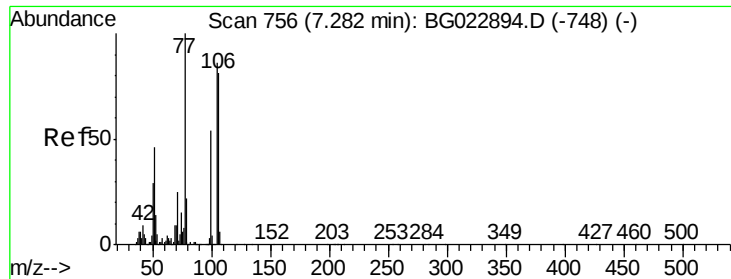
Abundance

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: 138.25 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

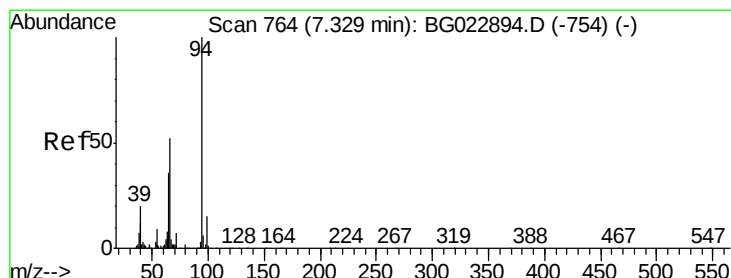
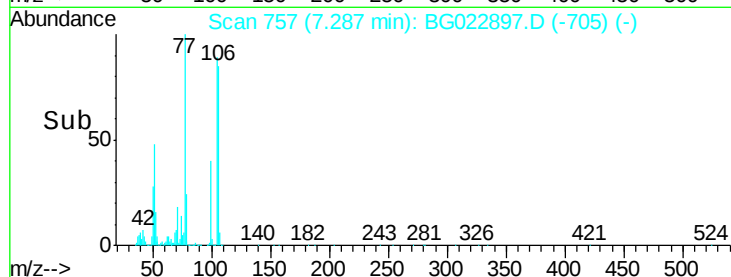
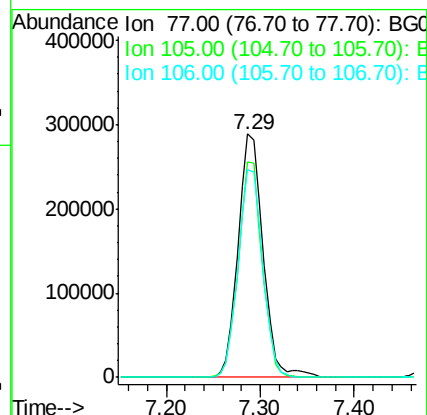
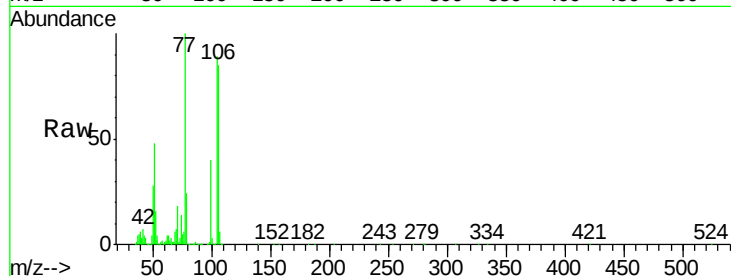
Tot Ion: 77 Resp: 533985

Ion Ratio Lower Upper

77 100

105 88.6 58.7 98.7

106 85.5 67.5 107.5



#10

Phenol

Concen: 83.72 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

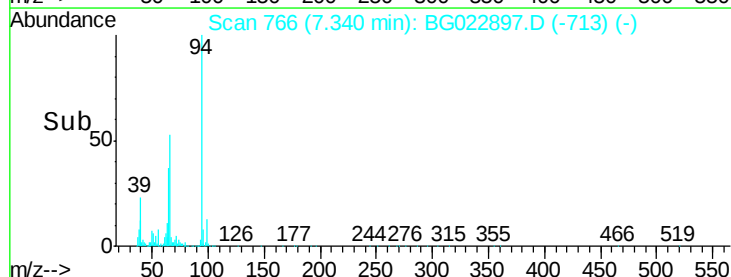
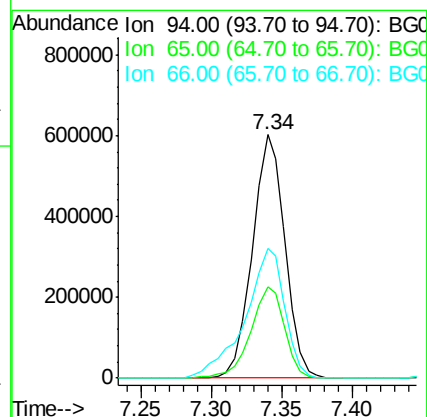
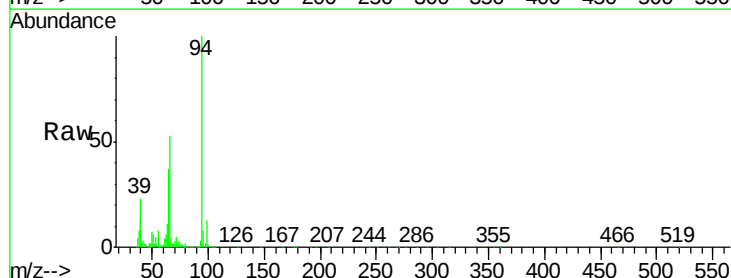
Tgt Ion: 94 Resp: 971168

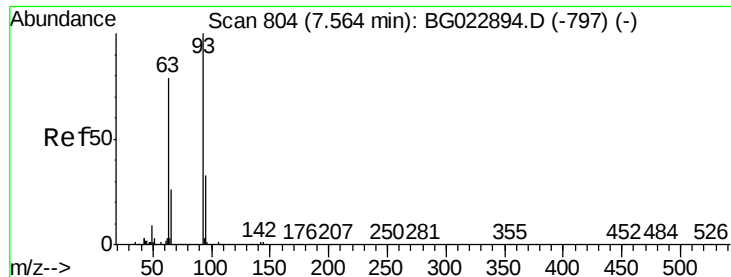
Ion Ratio Lower Upper

94 100

65 37.2 18.1 58.1

66 53.1 42.1 82.1

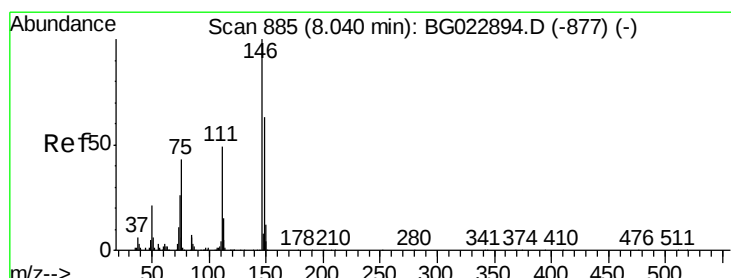
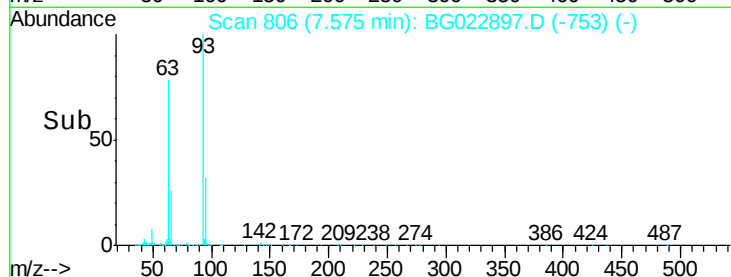
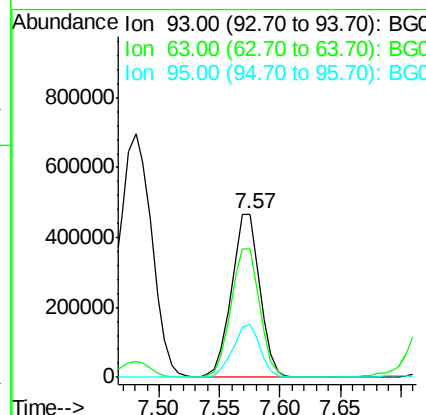
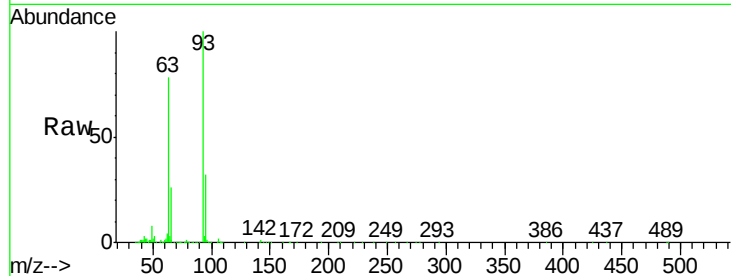




#11
bis(2-Chloroethyl)ether
Concen: 79.79 ng
RT: 7.57 min Scan# 806
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

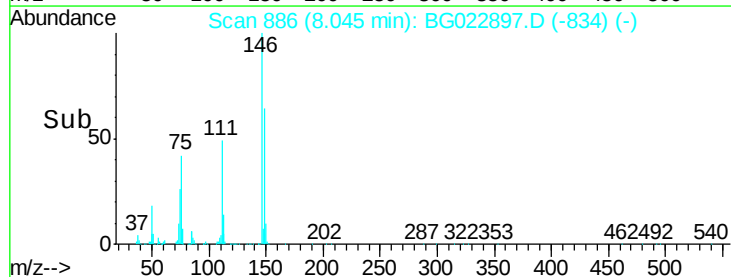
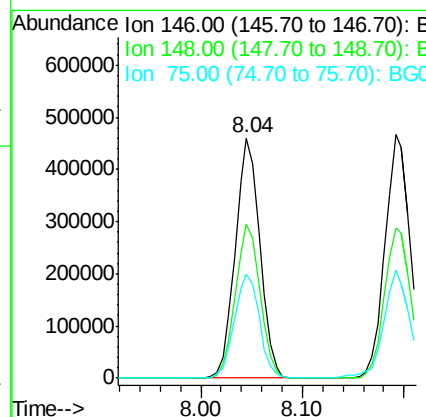
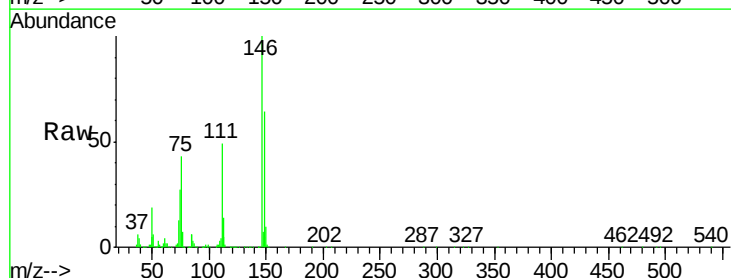
Instrument :
BNA_G
ClientSampleId :

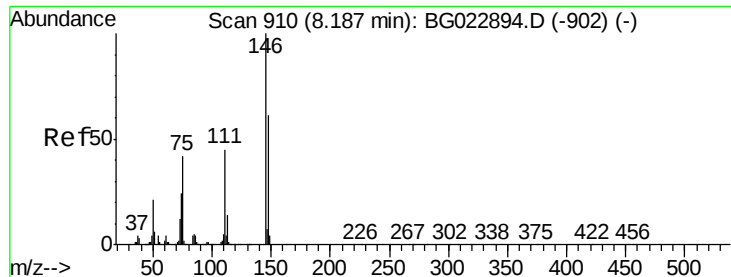
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	55.0	95.0
95	32.2	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 78.54 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
75	43.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 79.83 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

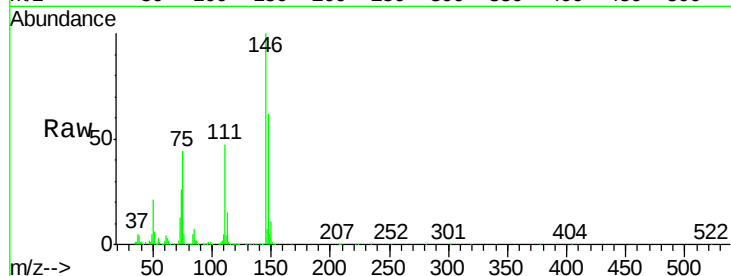
Tot Ion:146 Resp: 785547

Ion Ratio Lower Upper

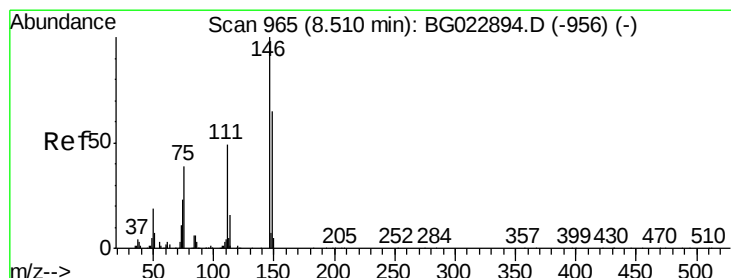
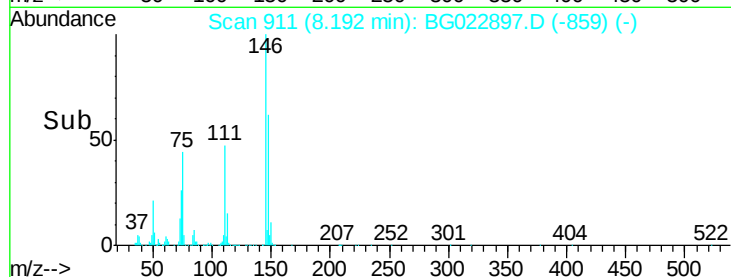
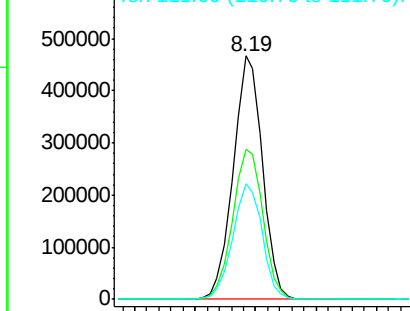
146 100

148 61.9 54.5 81.7

111 47.3 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 81.06 ng

RT: 8.51 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

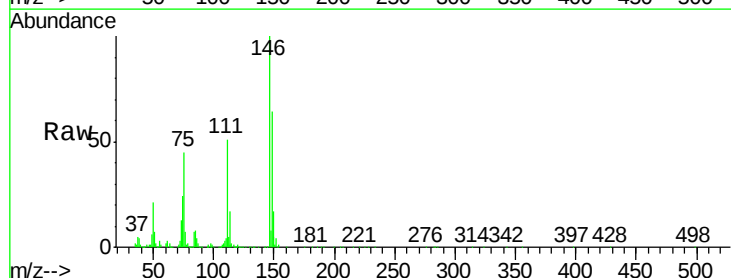
Tgt Ion:146 Resp: 758477

Ion Ratio Lower Upper

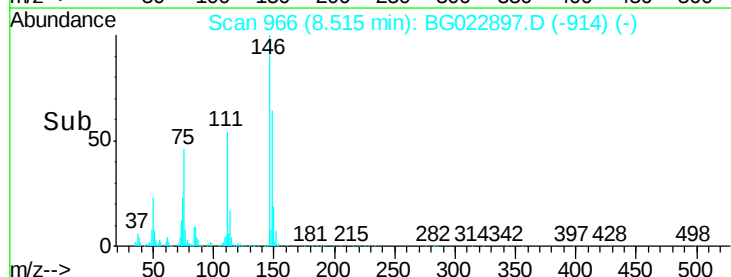
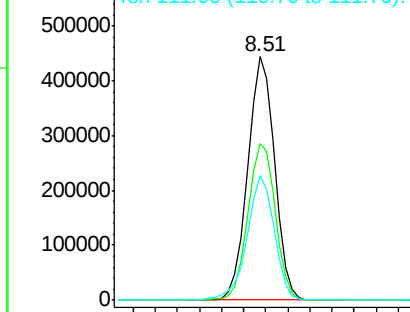
146 100

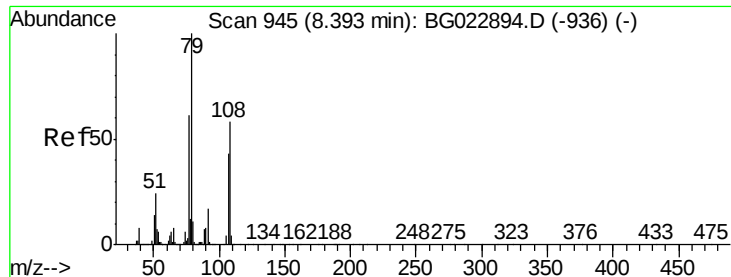
148 64.1 52.9 79.3

111 50.9 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 89.11 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

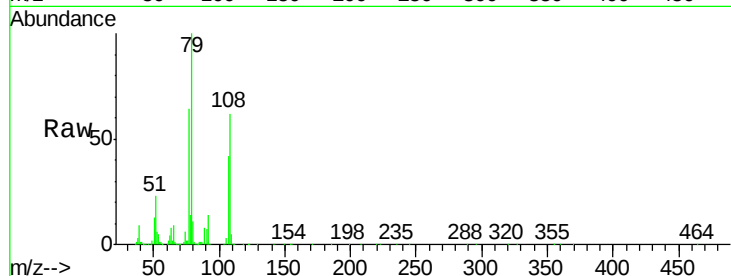
Tot Ion: 79 Resp: 904990

Ion Ratio Lower Upper

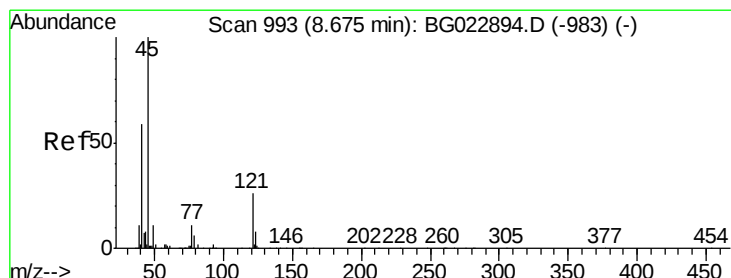
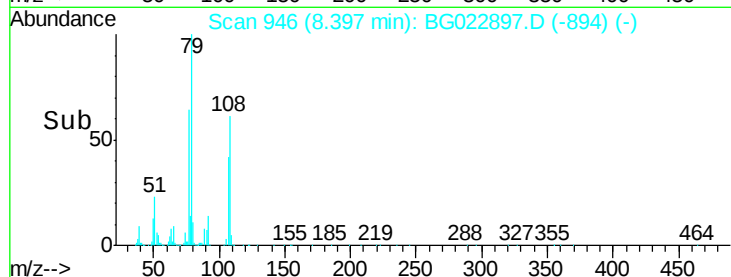
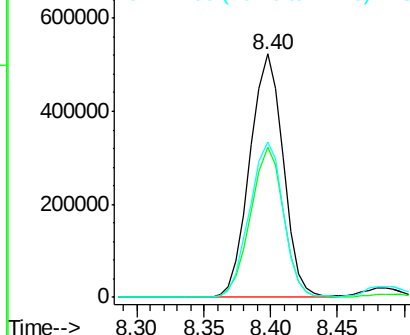
79 100

108 61.5 46.5 69.7

77 63.5 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 86.09 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

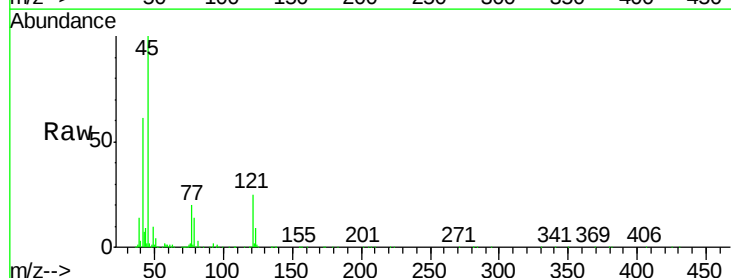
Tgt Ion: 45 Resp: 909253

Ion Ratio Lower Upper

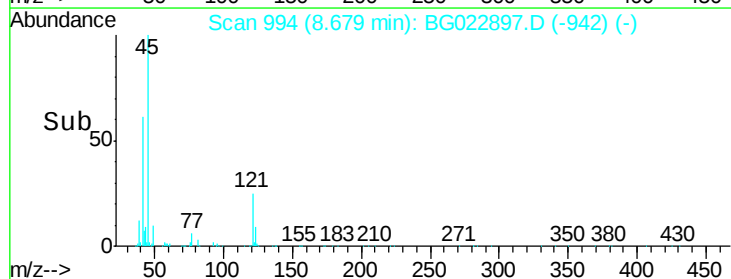
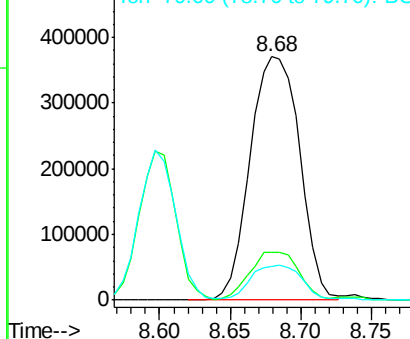
45 100

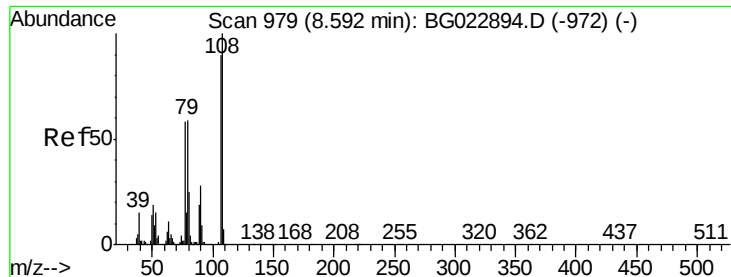
77 19.8 0.6 40.6

79 14.1 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 84.84 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 648686

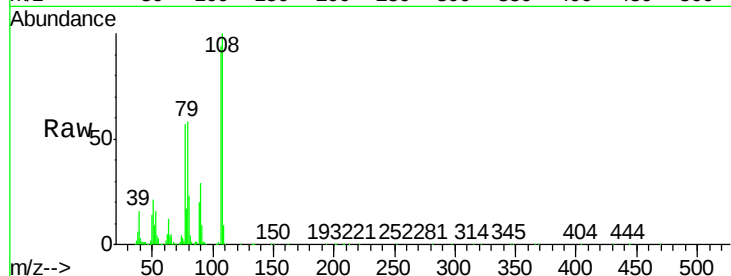
Ion Ratio Lower Upper

107 100

108 106.8 92.0 138.0

77 61.4 55.8 83.6

79 61.9 55.0 82.6

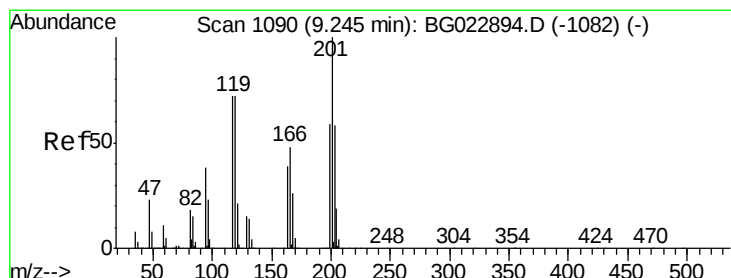
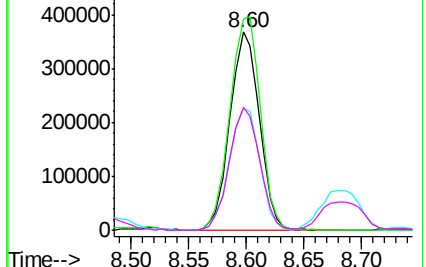
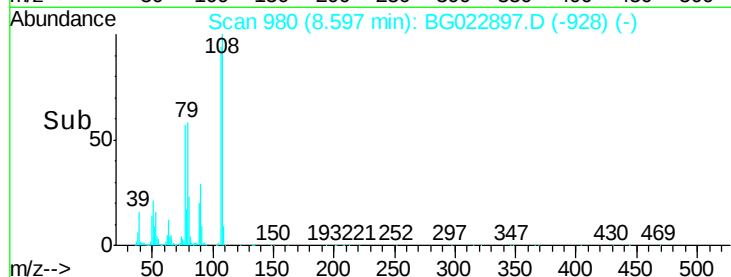


Abundance Ion 107.00 (106.70 to 107.70): E

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: 81.69 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

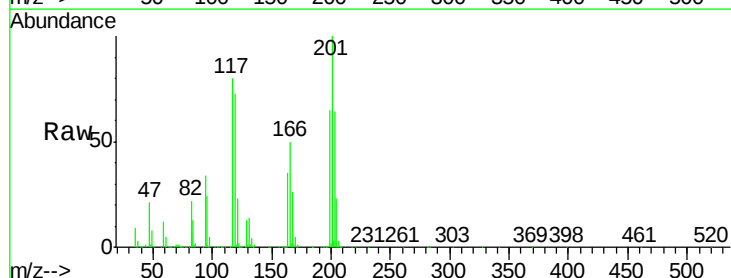
Tgt Ion:117 Resp: 332693

Ion Ratio Lower Upper

117 100

119 91.6 73.7 110.5

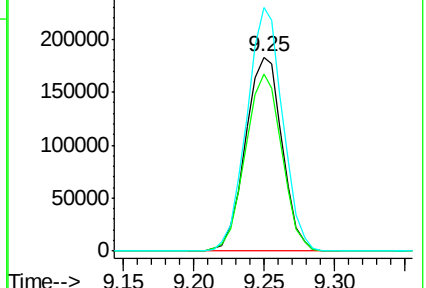
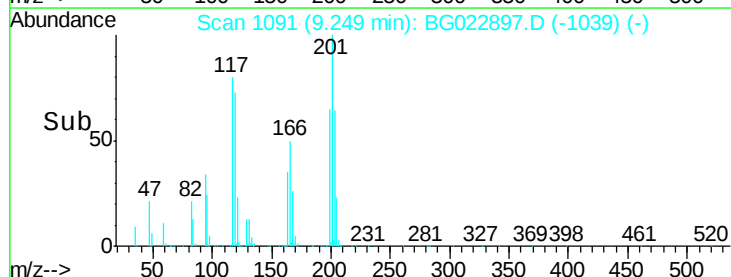
201 125.5 88.7 133.1

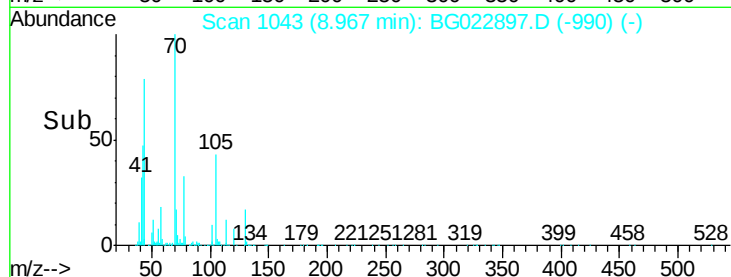
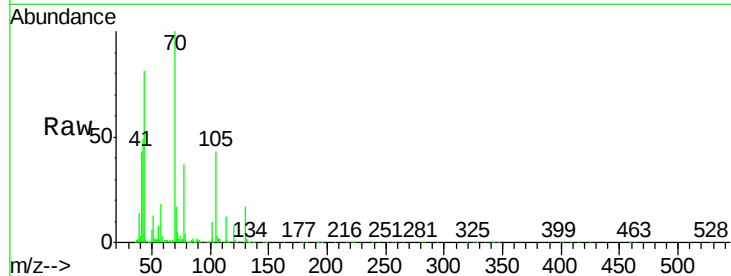
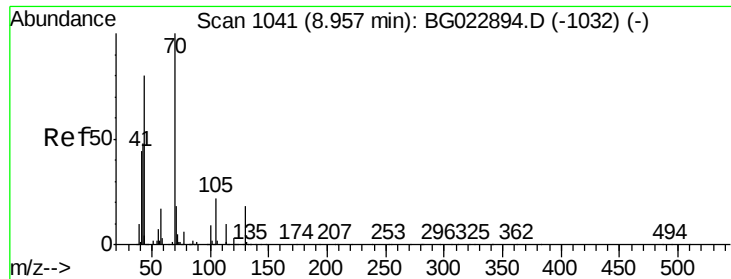


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

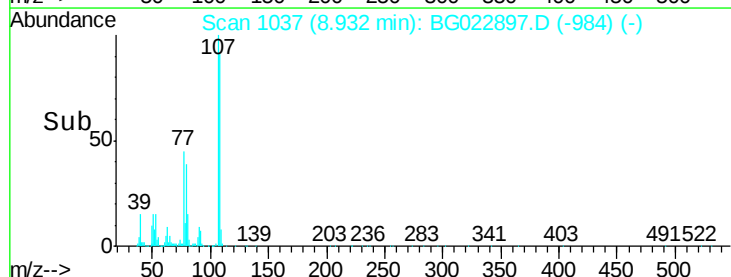
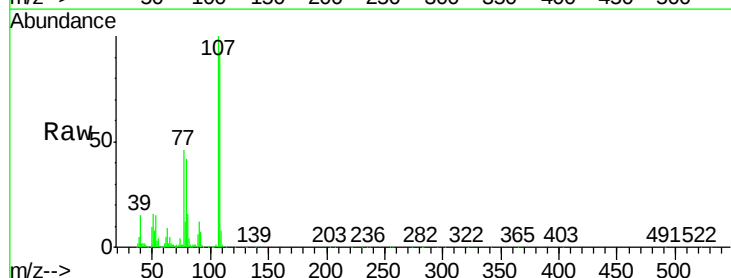
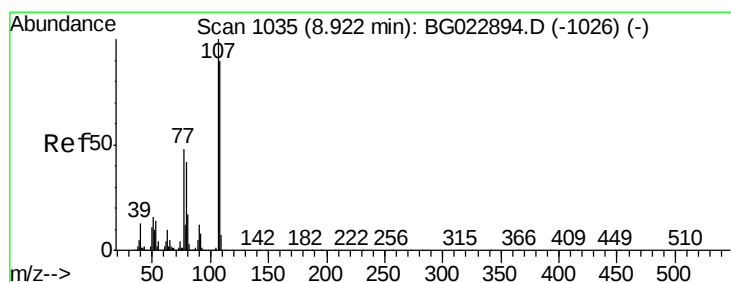
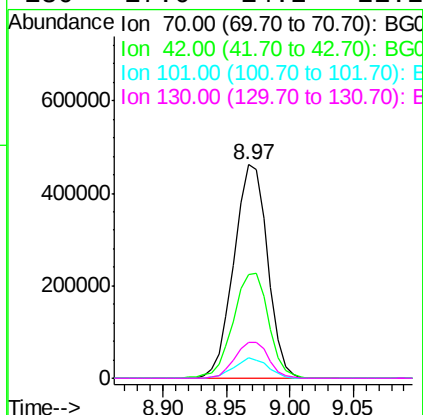




#19
n-Nitroso-di-n-propylamine
Concen: 92.77 ng
RT: 8.97 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

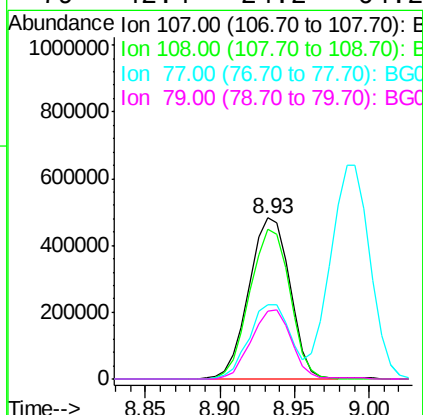
Instrument :
BNA_G
ClientSampleId :

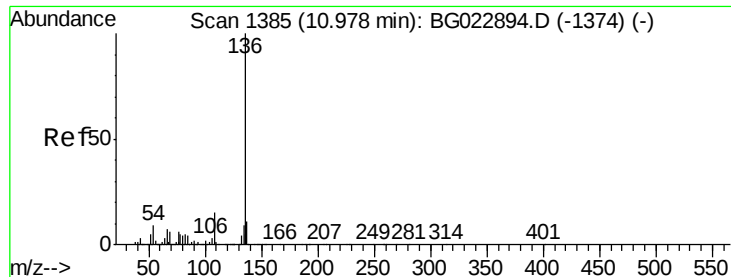
Tot Ion:	70	Resp:	847985
Ion	Ratio	Lower	Upper
70	100		
42	48.8	42.1	63.1
101	9.8	7.2	10.8
130	17.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 87.37 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:	107	Resp:	920205
Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.5	112.5
77	46.0	30.1	70.1
79	42.4	24.2	64.2

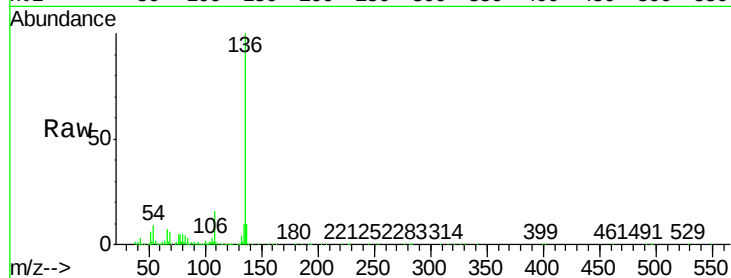




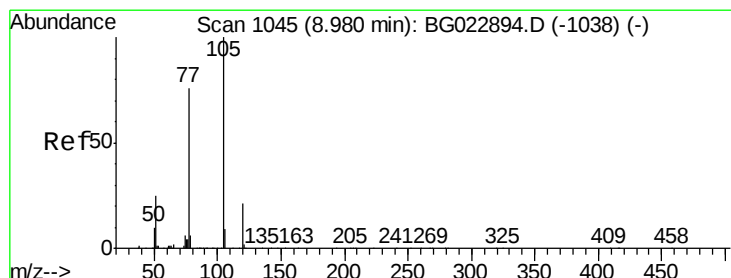
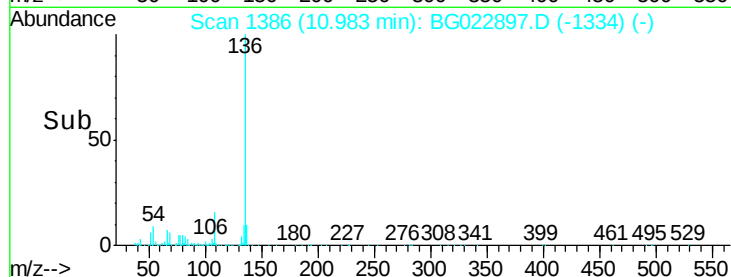
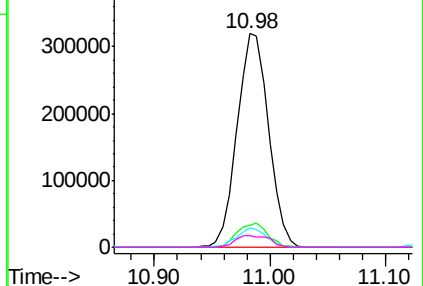
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 602790
Ion Ratio	Lower Upper
136 100	
137 10.1	9.6 14.4
54 9.0	7.3 10.9
68 5.5	5.3 7.9

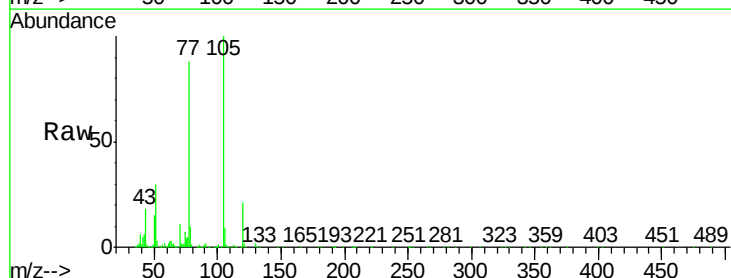


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

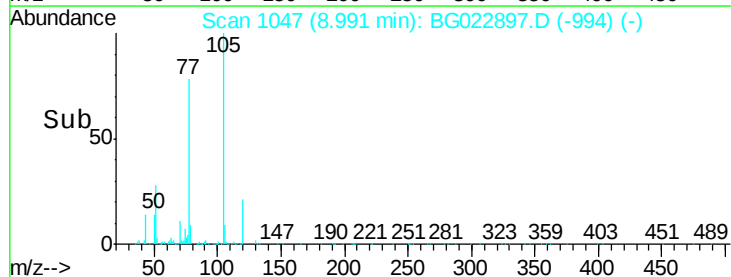
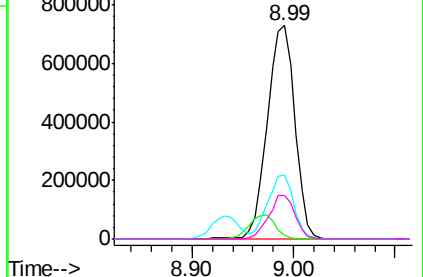


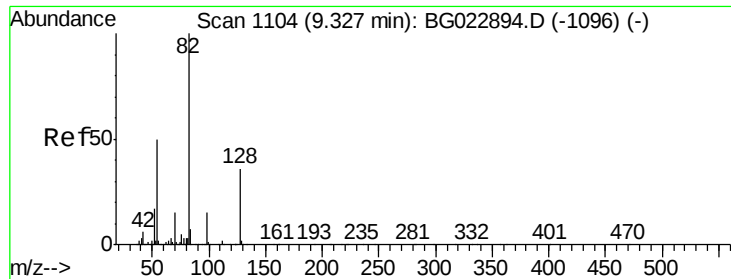
#22
Acetophenone
Concen: 79.16 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt	Ion:105	Resp:	1379464
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	3.8#
51	30.1	27.1	40.7
120	20.6	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

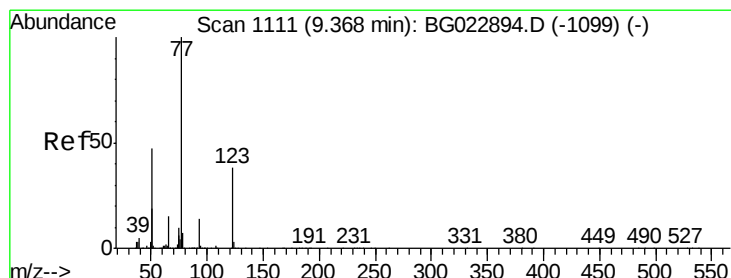
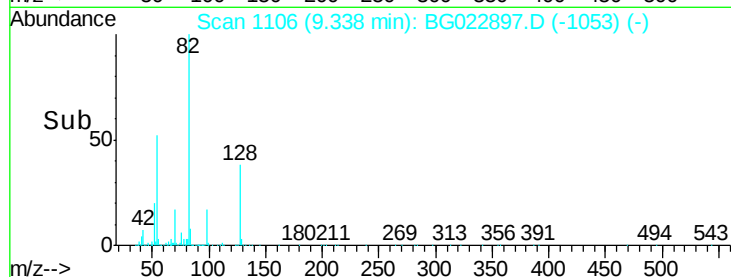
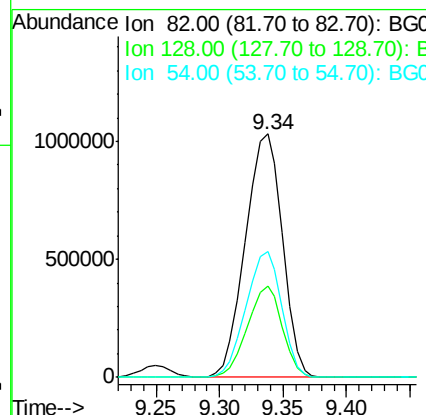
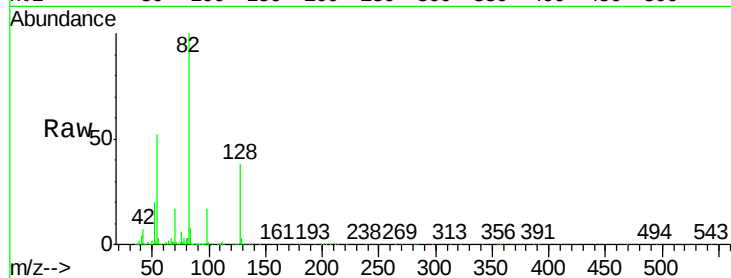




#23
 Nitrobenzene-d5
 Concen: 146.87 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

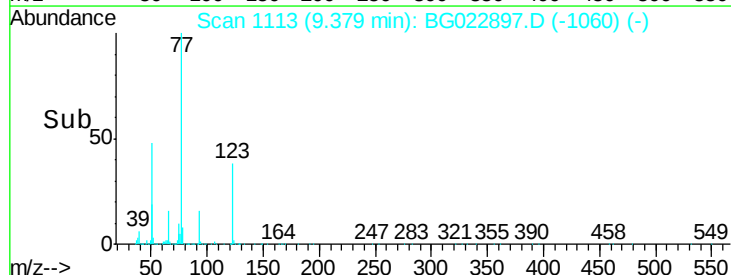
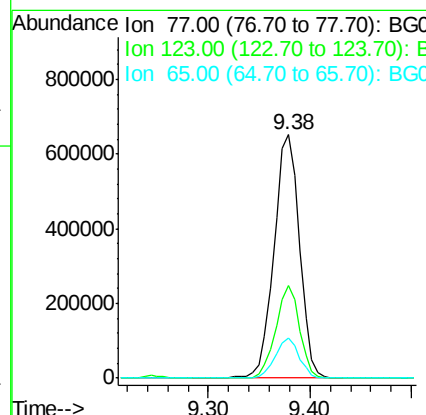
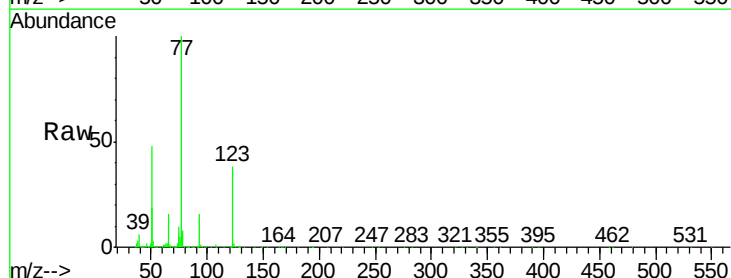
Instrument :
 BNA_G
 ClientSampled :

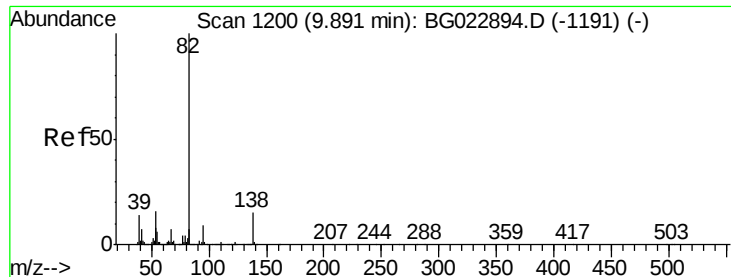
Tot Ion: 82 Resp: 2091736
 Ion Ratio Lower Upper
 82 100
 128 37.7 24.4 36.6#
 54 51.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 72.22 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion: 77 Resp: 1136855
 Ion Ratio Lower Upper
 77 100
 123 37.9 25.0 37.6#
 65 16.3 13.4 20.0





#25

Isophorone

Concen: 76.15 ng

RT: 9.90 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

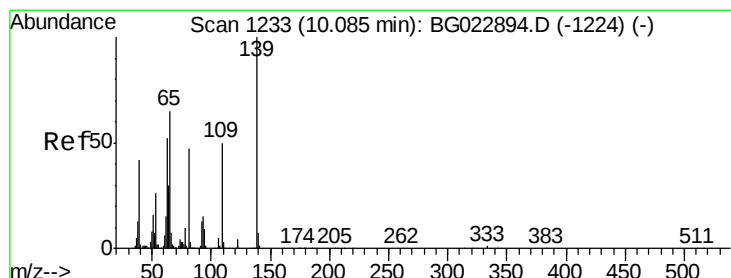
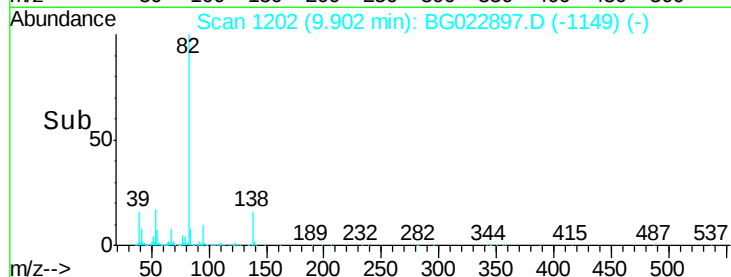
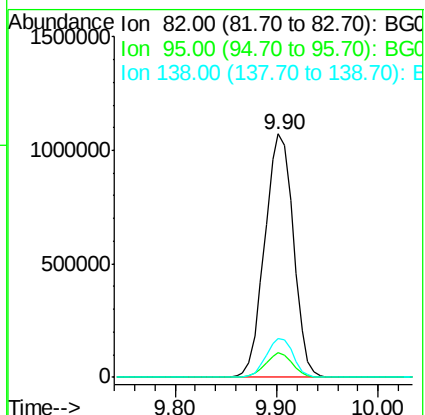
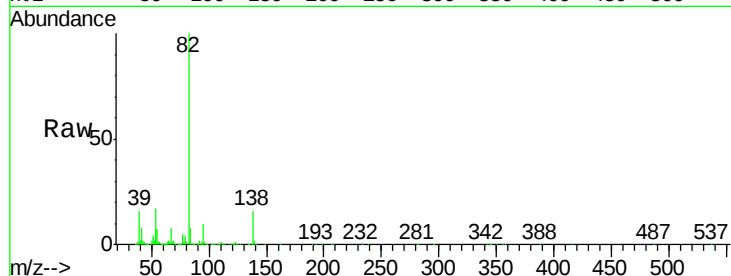
Tot Ion: 82 Resp: 2105235

Ion Ratio Lower Upper

82 100

95 10.1 8.2 12.2

138 15.9 10.7 16.1



#26

2-Nitrophenol

Concen: 83.96 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

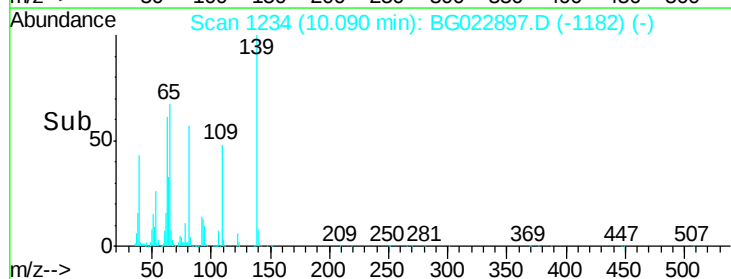
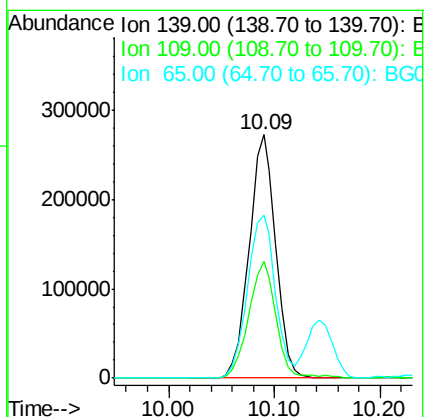
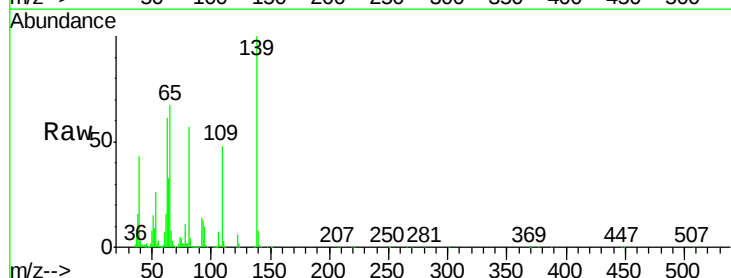
Tgt Ion: 139 Resp: 476052

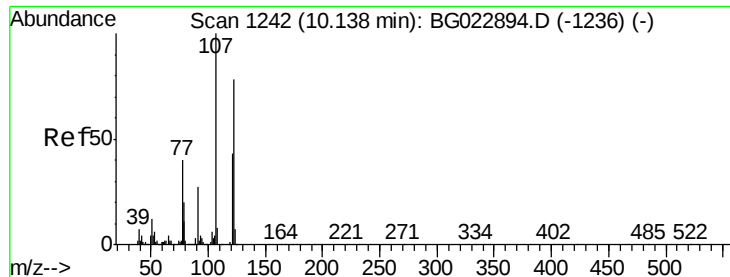
Ion Ratio Lower Upper

139 100

109 47.9 43.5 65.3

65 67.2 64.3 96.5

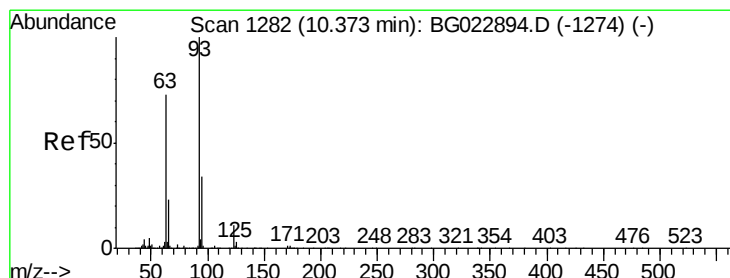
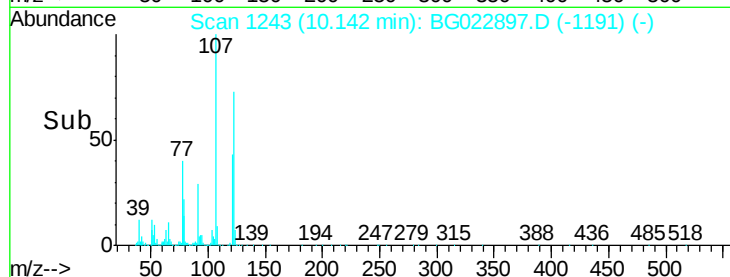
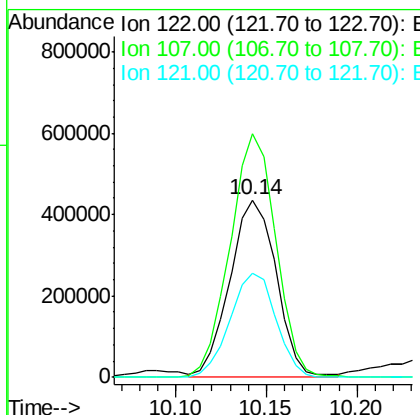
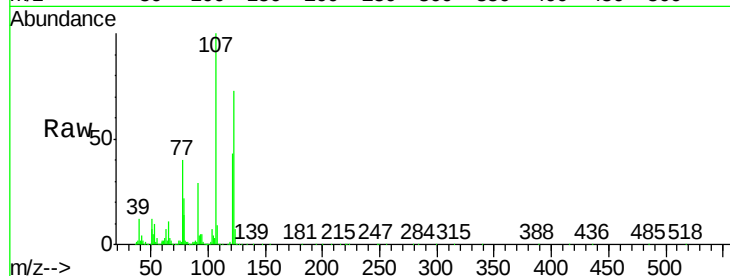




#27
 2,4-Dimethylphenol
 Concen: 72.11 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

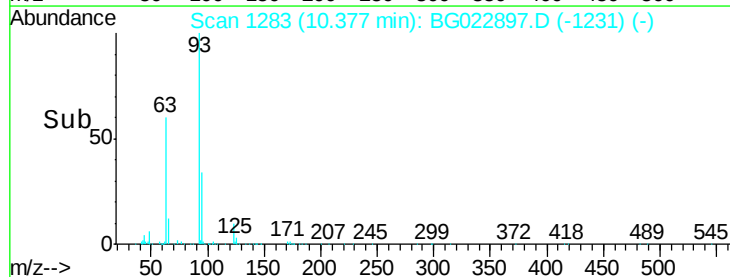
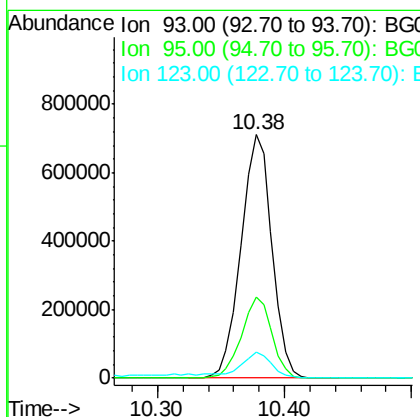
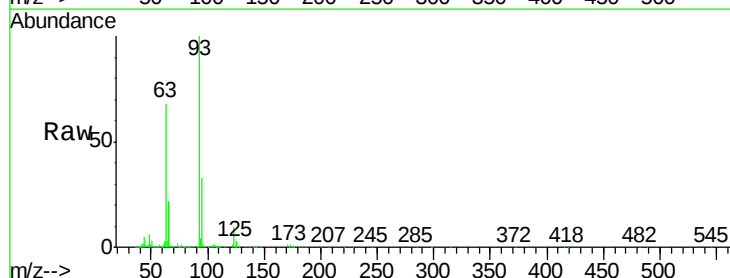
Instrument :
 BNA_G
 ClientSampleId :

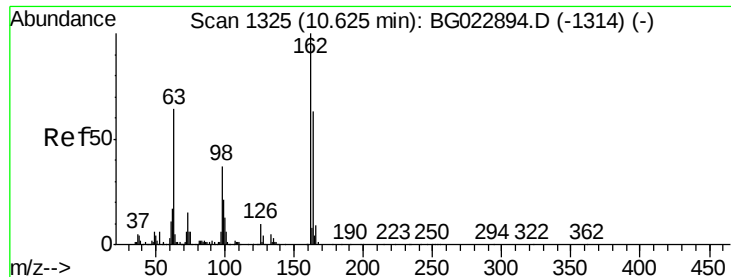
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.4	117.0	175.4
121	58.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 79.46 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.2
123	10.5	8.2	12.2

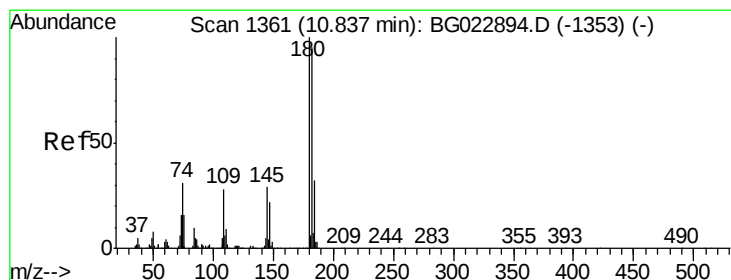
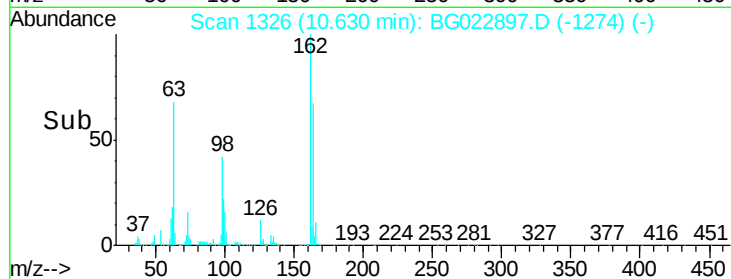
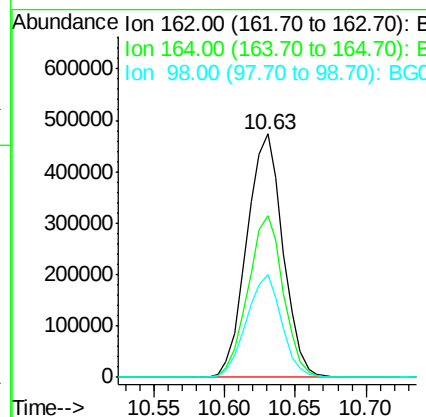
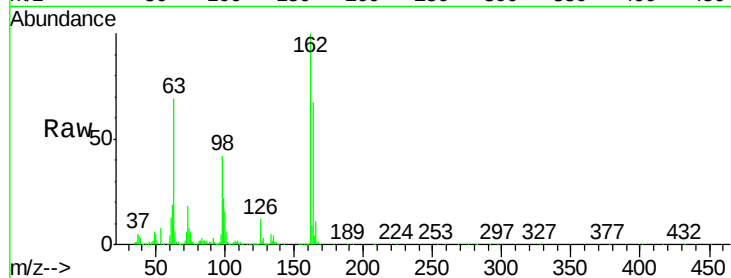




#29
 2,4-Dichlorophenol
 Concen: 80.36 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

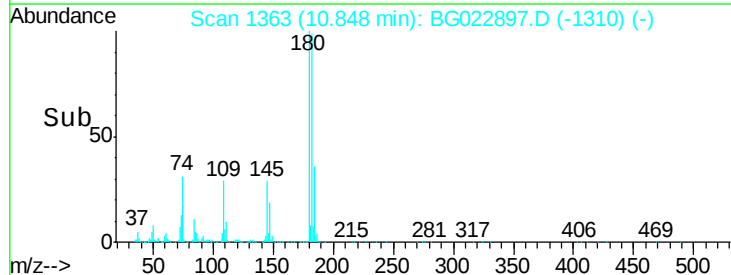
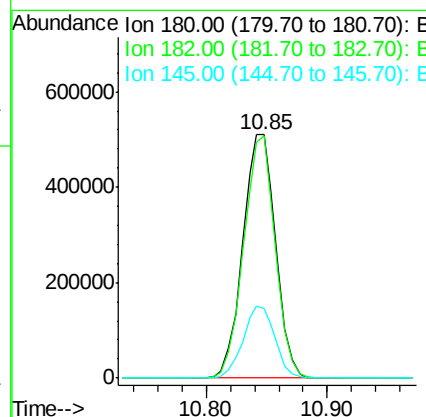
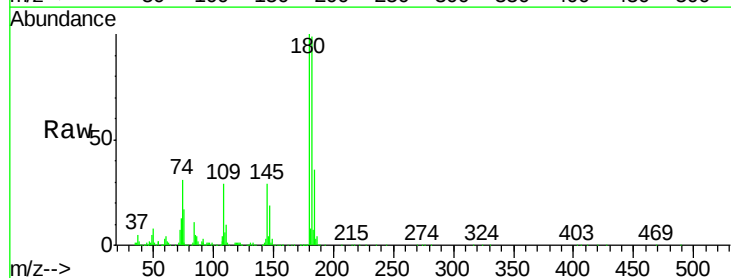
Instrument :
 BNA_G
 ClientSampleId :

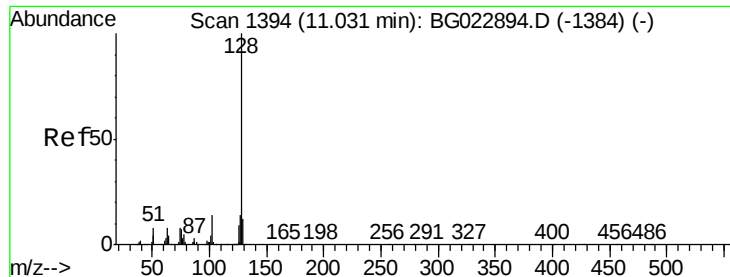
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.3	84.3
98	42.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 76.56 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	73.8	110.8
145	28.8	24.4	36.6





#31

Naphthalene

Concen: 72.98 ng

RT: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

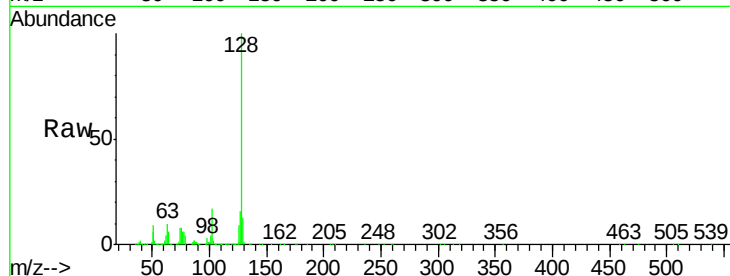
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 2211293

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.0
127	15.5	11.3	16.9

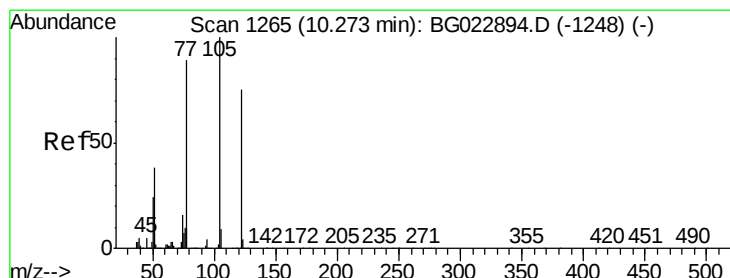
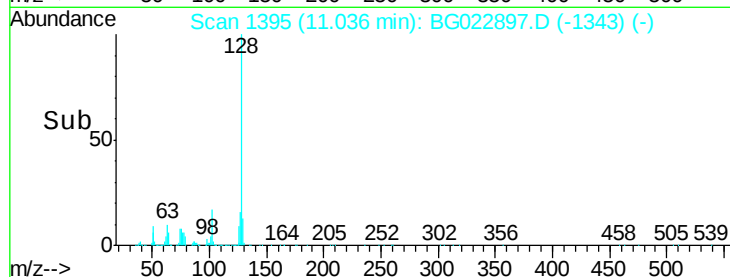
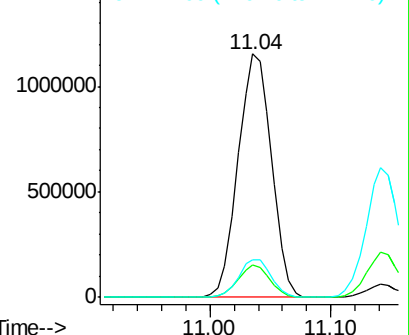


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 120.99 ng

RT: 10.34 min Scan# 1277

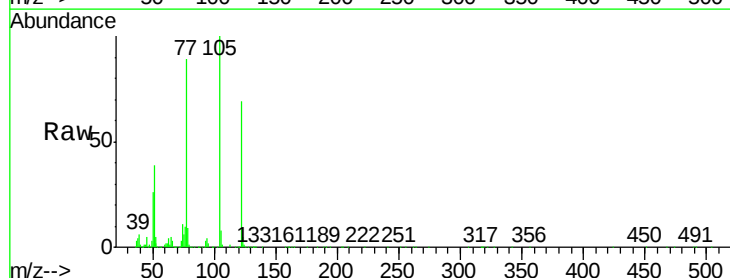
Delta R.T. 0.07 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:122 Resp: 789427

Ion	Ratio	Lower	Upper
122	100		
105	144.5	117.2	157.2
77	129.1	109.2	149.2

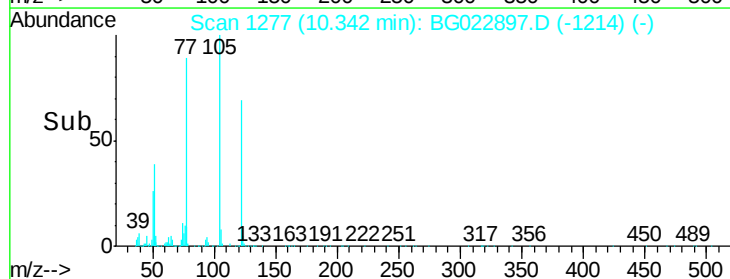
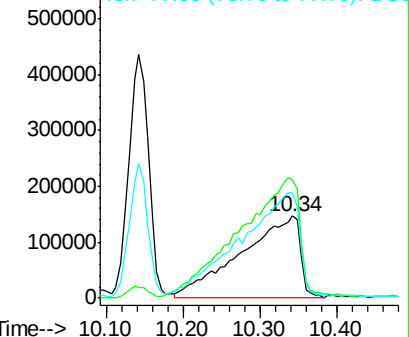


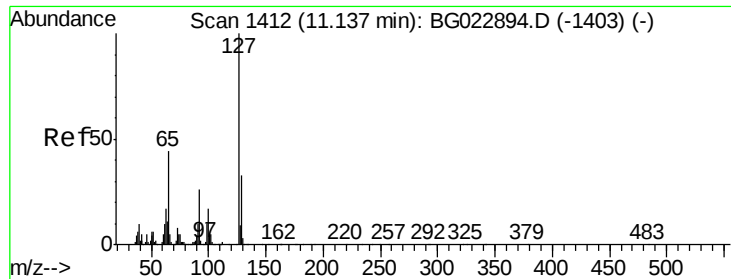
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

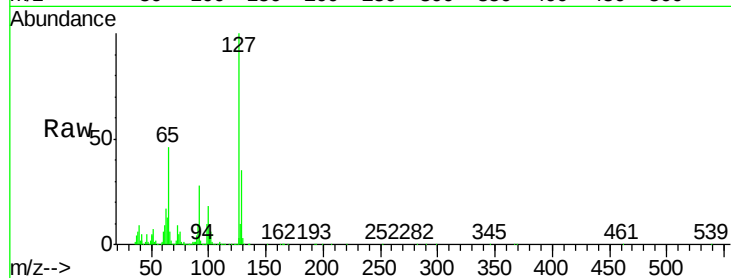




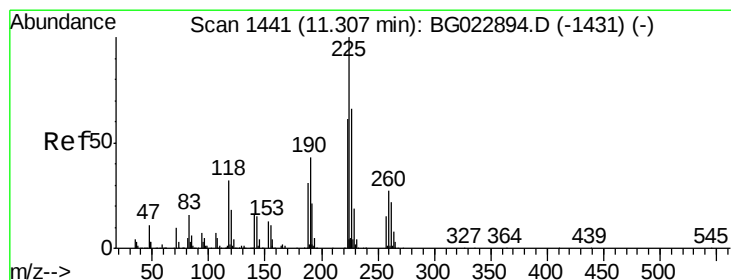
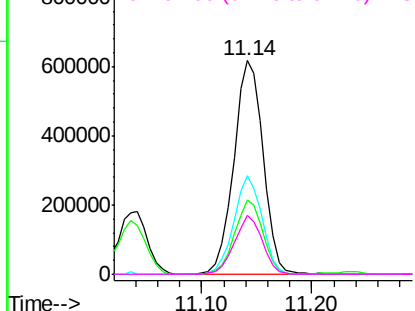
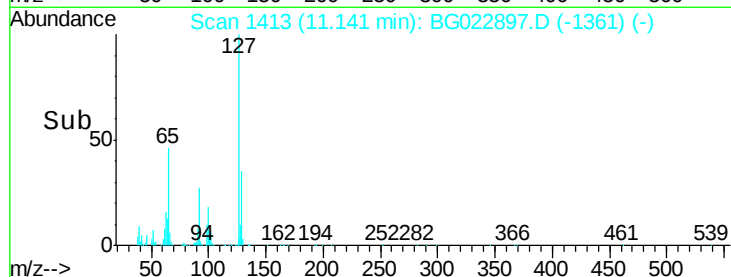
#33
4-Chloroaniline
Concen: 87.85 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 1146593
Ion Ratio Lower Upper
127 100
129 34.8 27.9 41.9
65 46.1 36.8 55.2
92 27.8 21.0 31.6

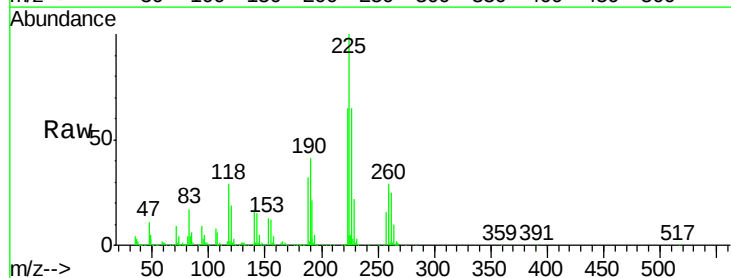


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

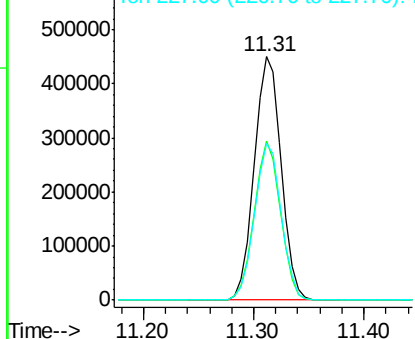
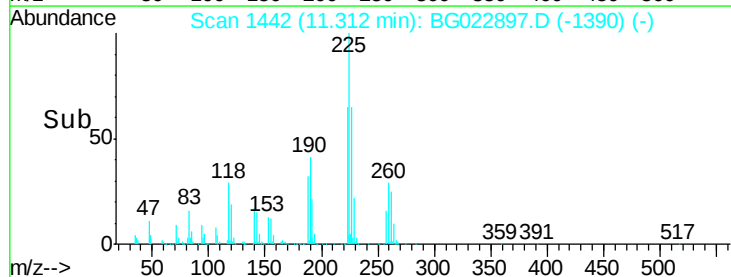


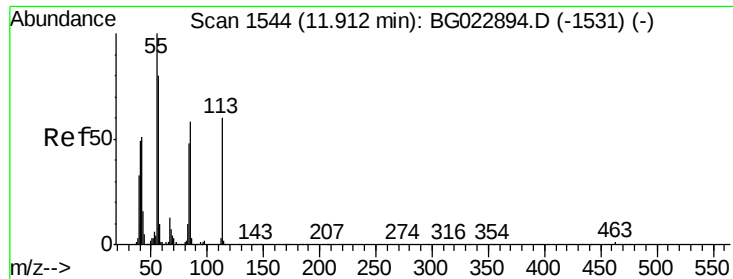
#34
Hexachlorobutadiene
Concen: 79.01 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:225 Resp: 769568
Ion Ratio Lower Upper
225 100
223 65.4 49.6 74.4
227 64.5 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

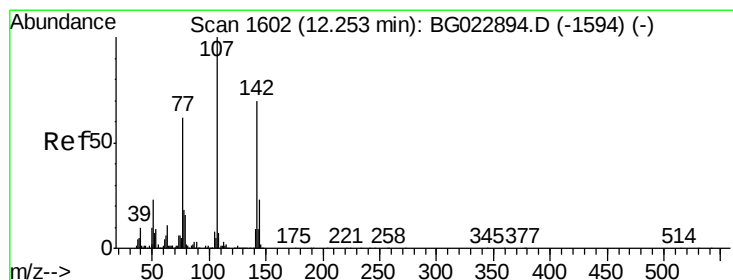
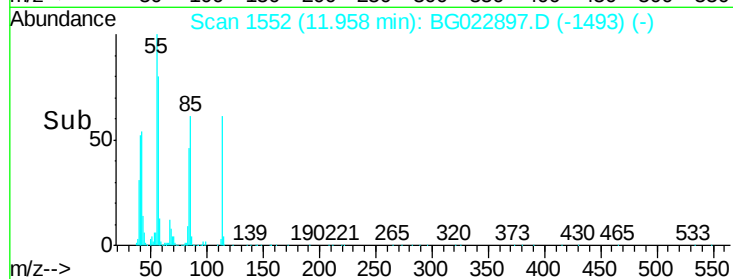
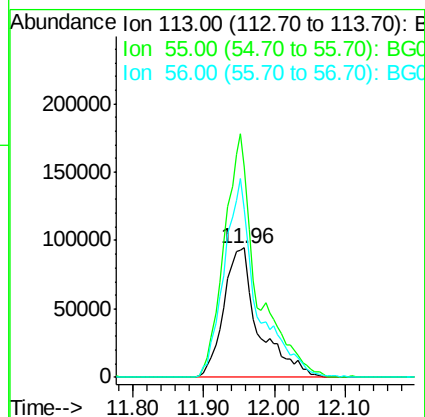
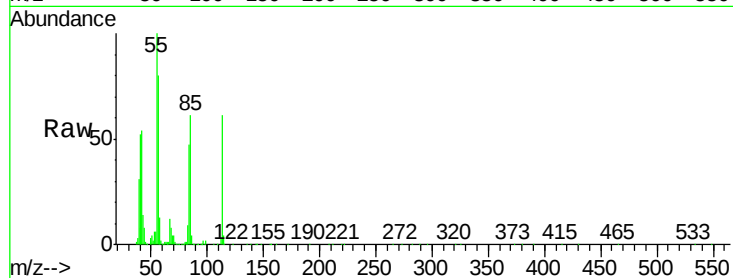




#35
 Caprolactam
 Concen: 98.15 ng
 RT: 11.96 min Scan# 1552
 Delta R.T. 0.05 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

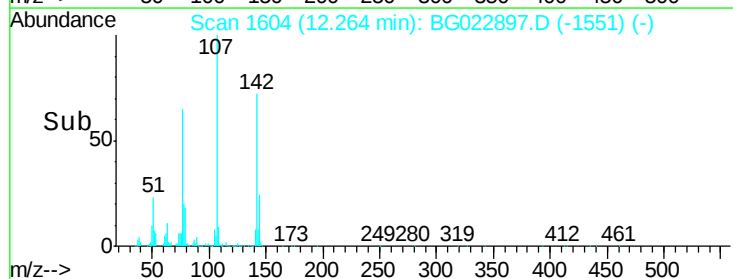
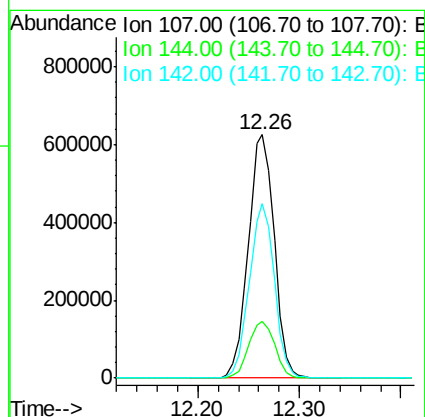
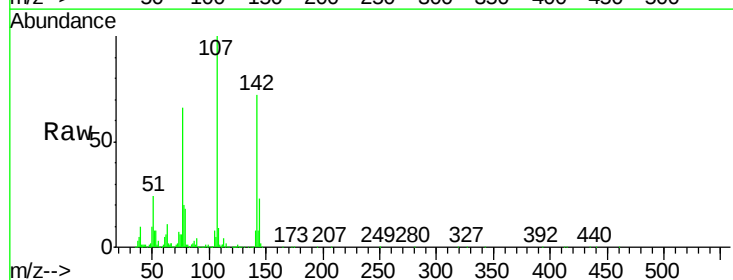
Instrument :
 BNA_G
 ClientSampleId :

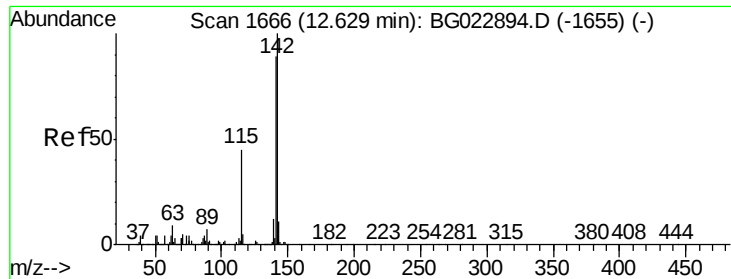
Tot Ion:113 Resp: 326337
 Ion Ratio Lower Upper
 113 100
 55 162.9 154.5 194.5
 56 130.0 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 85.65 ng
 RT: 12.26 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion:107 Resp: 1109750
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.0 25.6
 142 71.9 53.0 79.6

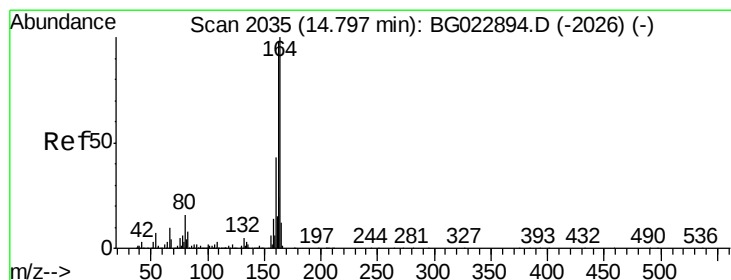
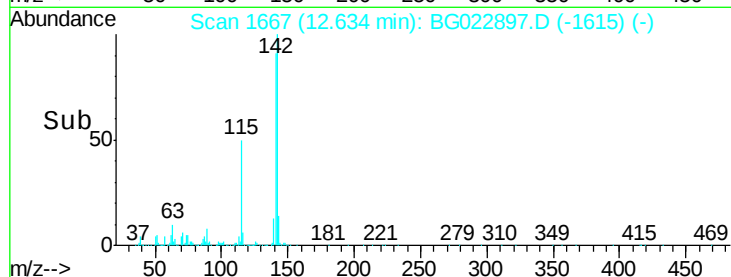
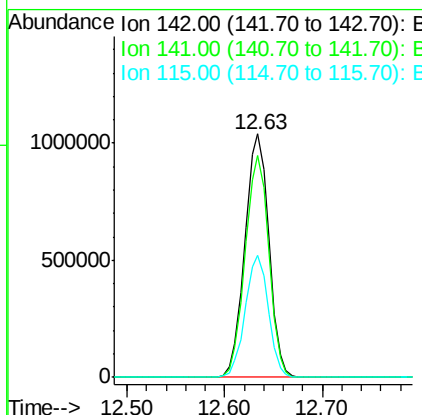
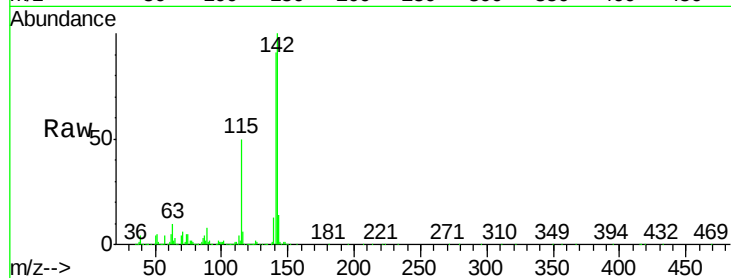




#37
2-Methylnaphthalene
Concen: 76.15 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

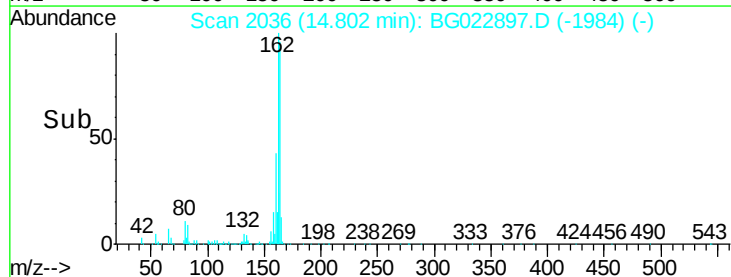
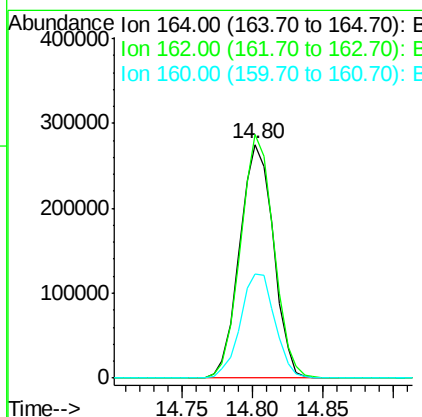
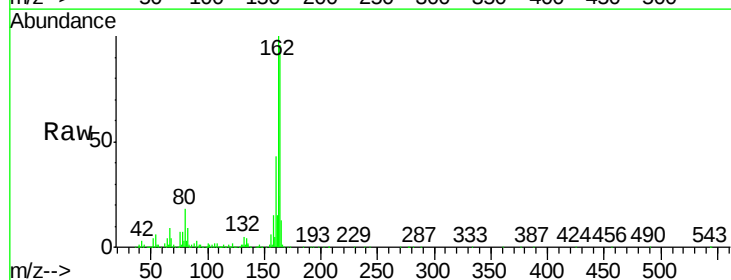
Instrument :
BNA_G
ClientSampled :

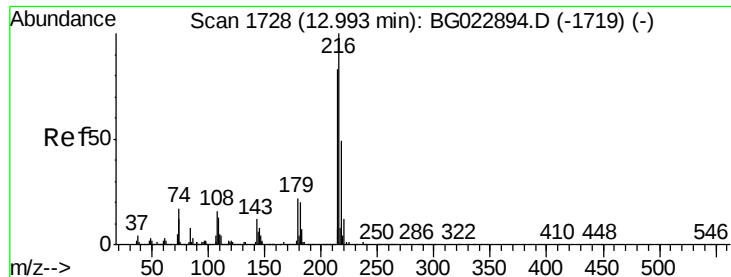
Tot Ion:142 Resp: 1789410
Ion Ratio Lower Upper
142 100
141 91.0 70.2 105.2
115 50.0 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:164 Resp: 460813
Ion Ratio Lower Upper
164 100
162 104.2 87.7 131.5
160 44.8 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 87.66 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 1524956

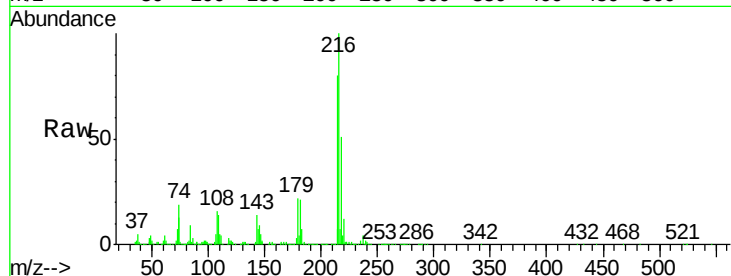
Ion Ratio Lower Upper

216 100

214 80.0 62.9 94.3

179 21.8 17.2 25.8

108 17.3 16.3 24.5

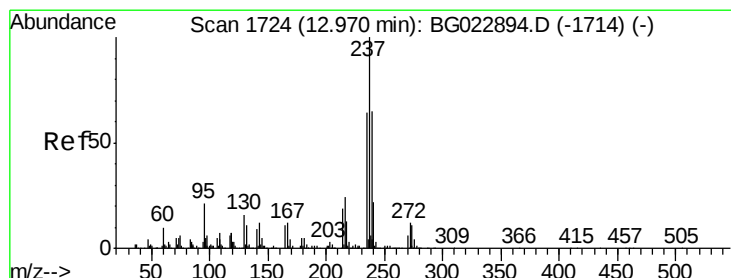
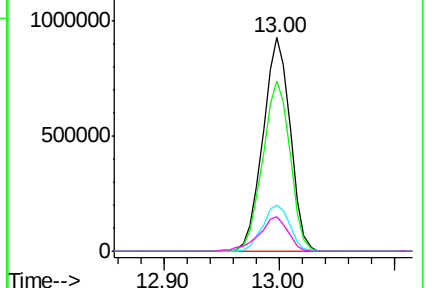
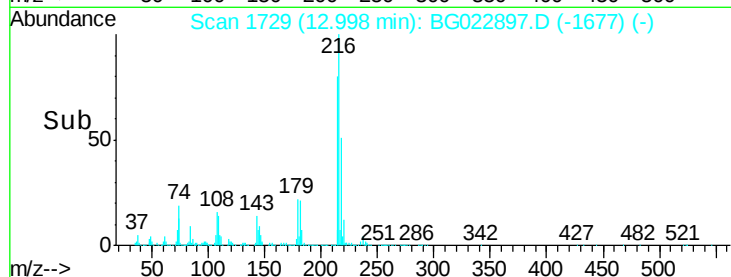


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.15 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

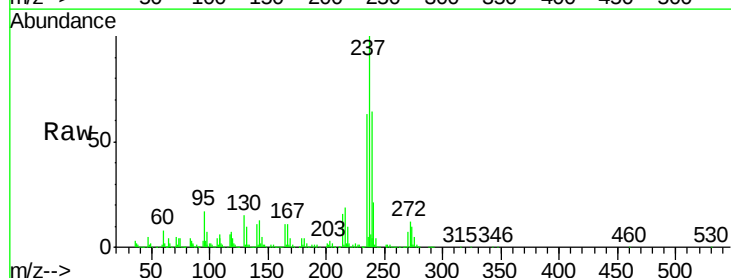
Tgt Ion:237 Resp: 946478

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

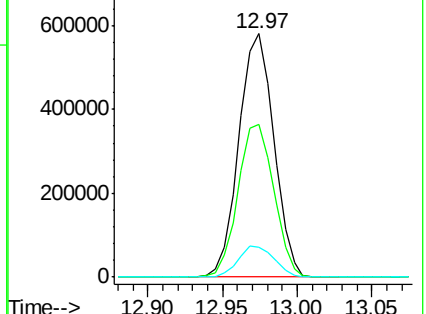
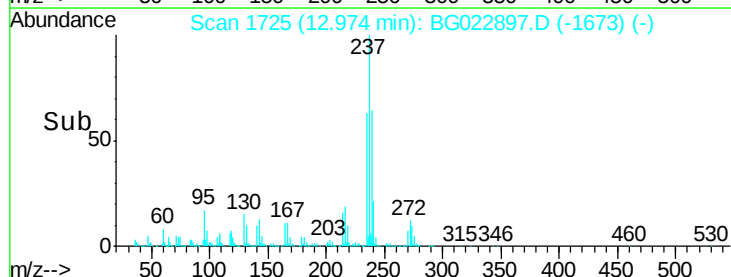
272 12.4 0.0 30.9

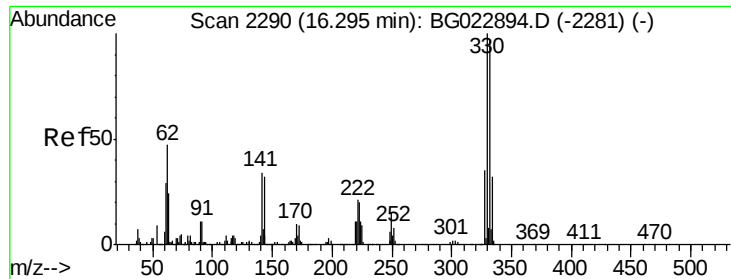


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

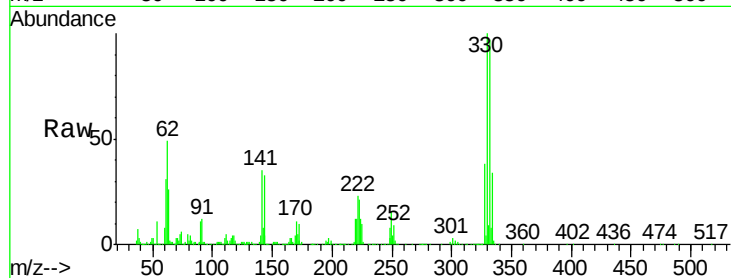




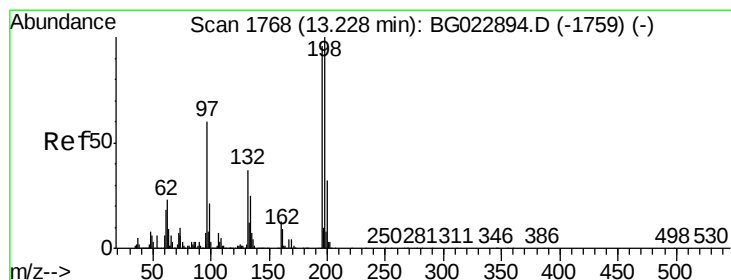
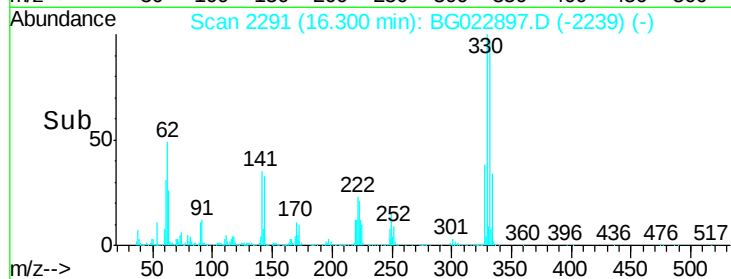
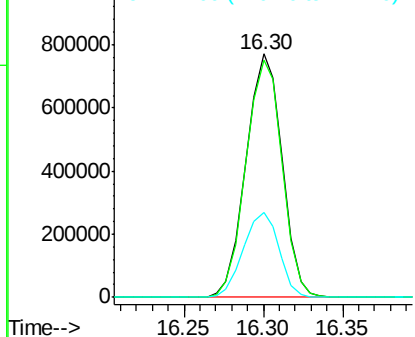
#41
 2,4,6-Tribromophenol
 Concen: 167.92 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 1217069
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 34.8 31.7 47.5

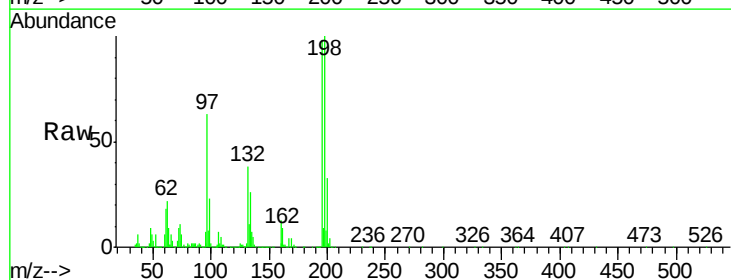


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

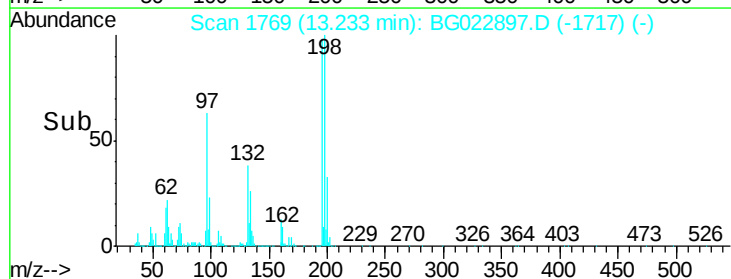
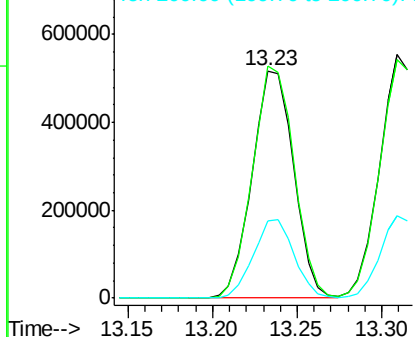


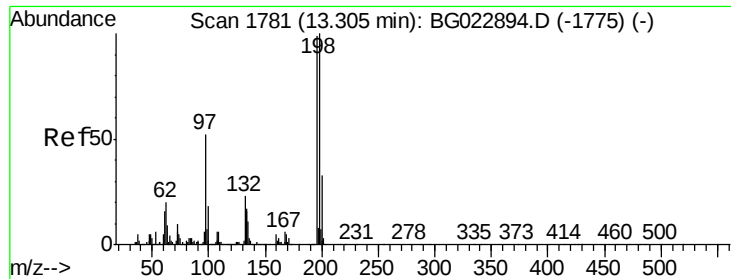
#42
 2,4,6-Trichlorophenol
 Concen: 79.19 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion:196 Resp: 883408
 Ion Ratio Lower Upper
 196 100
 198 102.4 78.2 117.2
 200 33.9 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

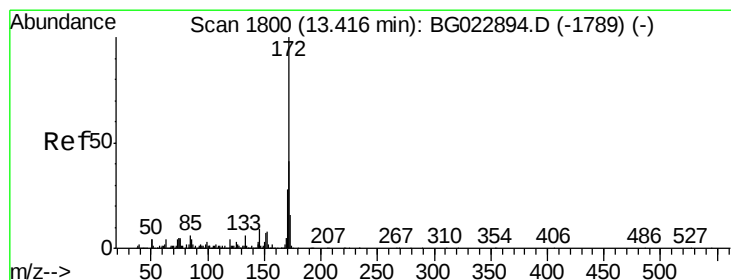
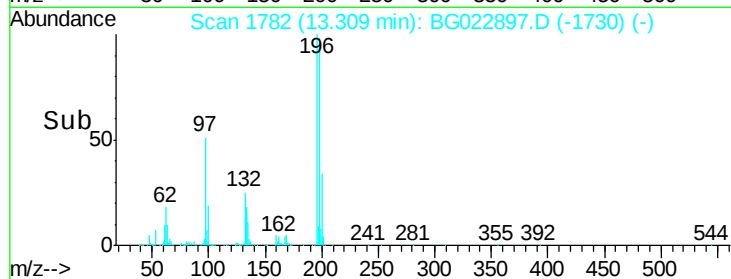
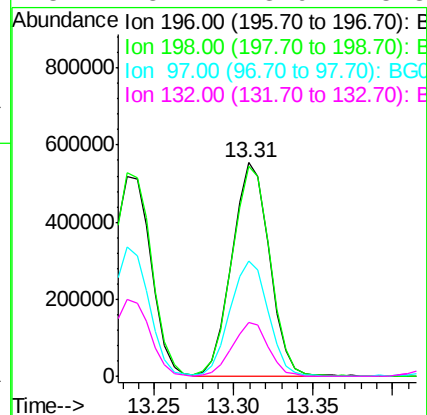
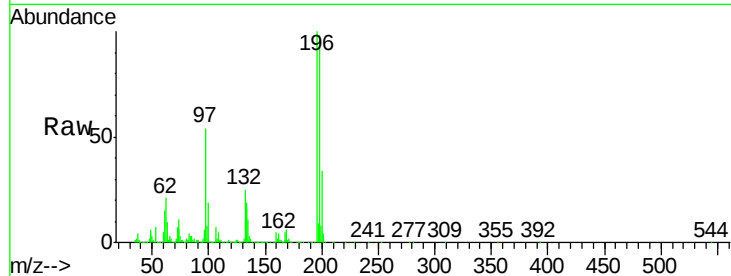




#43
 2,4,5-Trichlorophenol
 Concen: 77.41 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

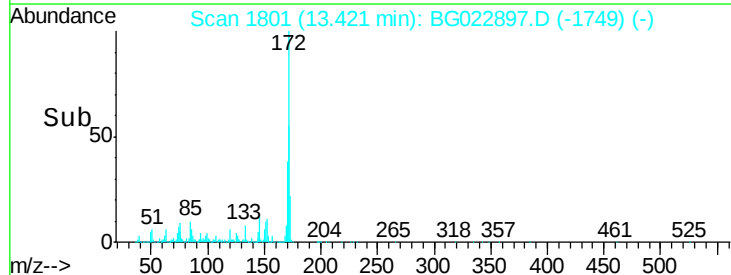
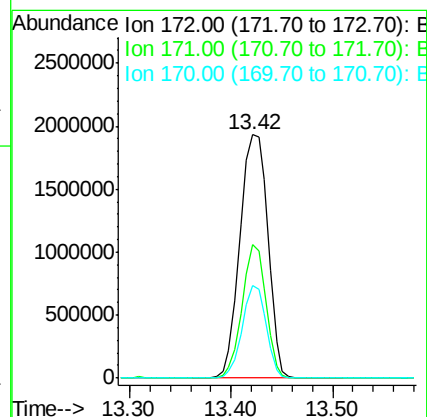
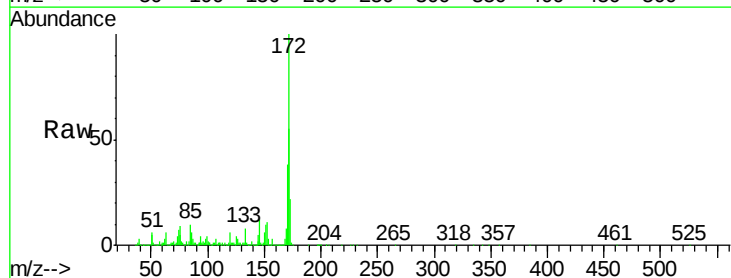
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	85.7	128.5
97	53.7	45.5	68.3
132	25.1	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 126.99 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	54.8	31.6	47.4#
170	37.9	21.3	31.9#





#45

1,1'-Biphenyl

Concen: 70.24 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

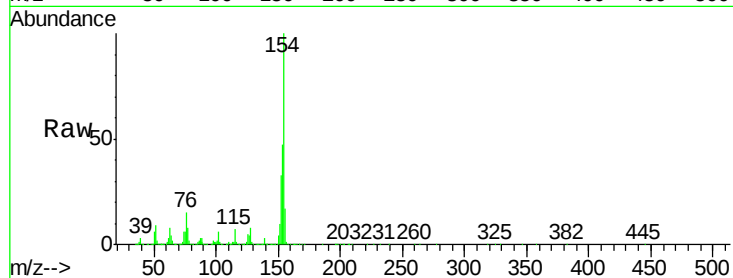
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 2465527

Ion	Ratio	Lower	Upper
154	100		
153	47.3	20.2	60.2
76	15.3	0.0	32.9

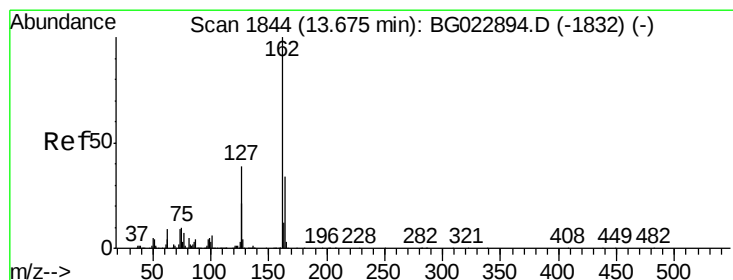
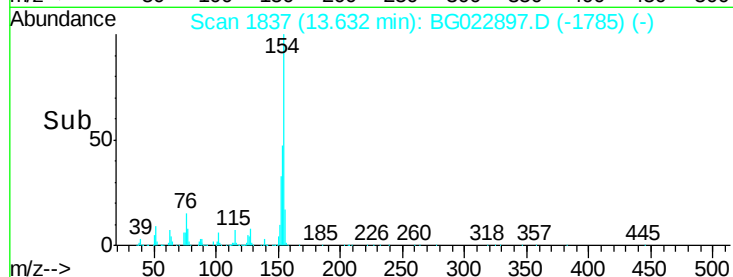
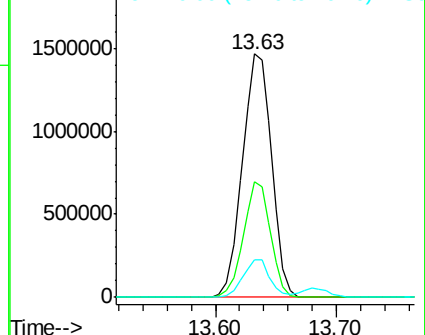


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 71.41 ng

RT: 13.69 min Scan# 1846

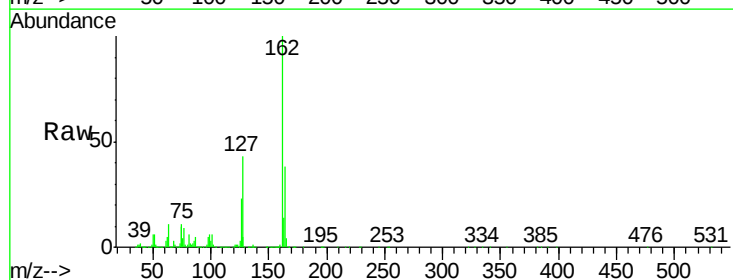
Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:162 Resp: 2062734

Ion	Ratio	Lower	Upper
162	100		
127	43.3	32.4	48.6
164	38.0	25.2	37.8

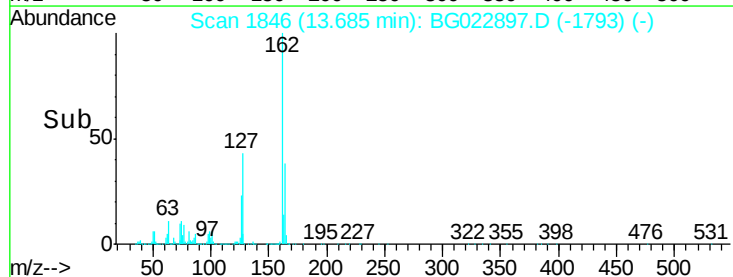
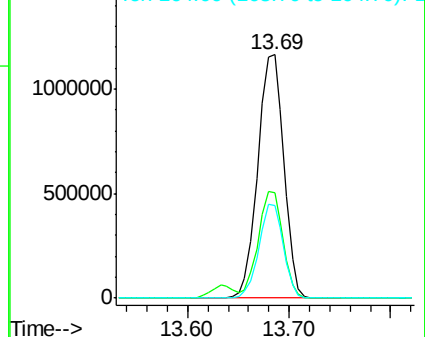


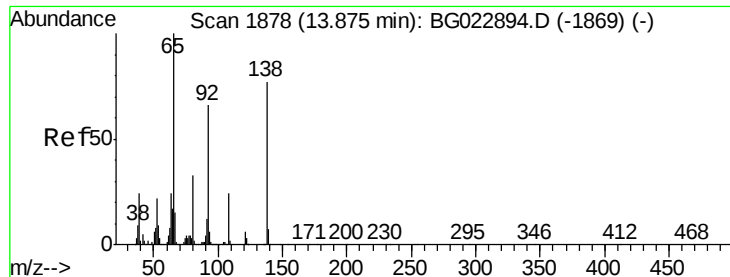
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 81.18 ng

RT: 13.89 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

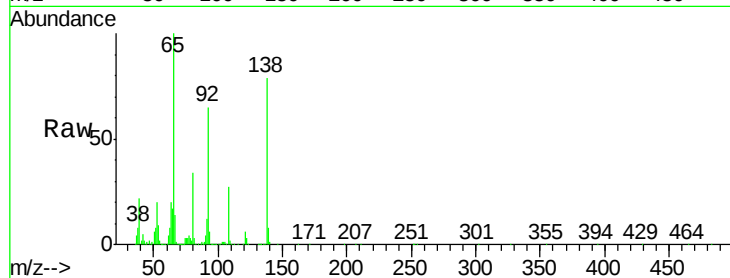
Tot Ion: 65 Resp: 905101

Ion Ratio Lower Upper

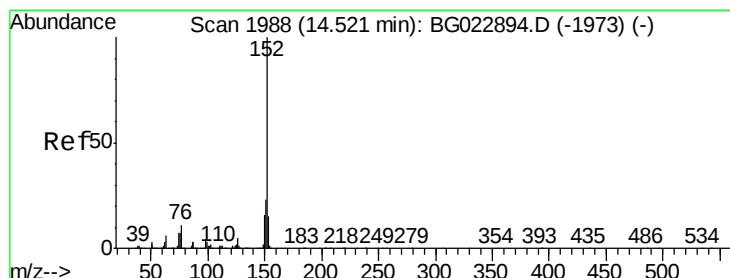
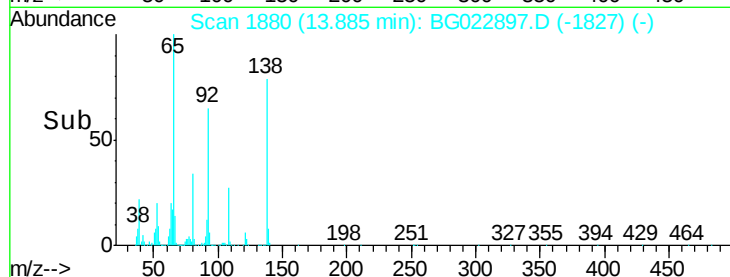
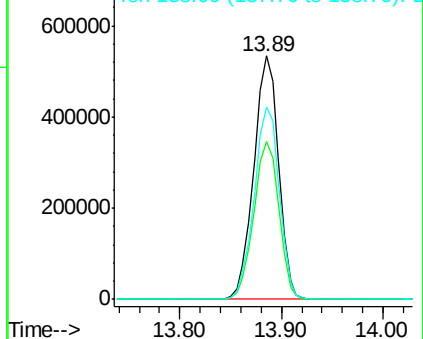
65 100

92 65.0 49.4 74.0

138 78.8 58.0 87.0



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



#48

Acenaphthylene

Concen: 68.17 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

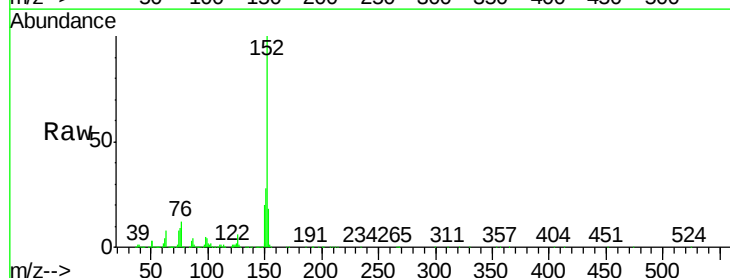
Tgt Ion: 152 Resp: 2855888

Ion Ratio Lower Upper

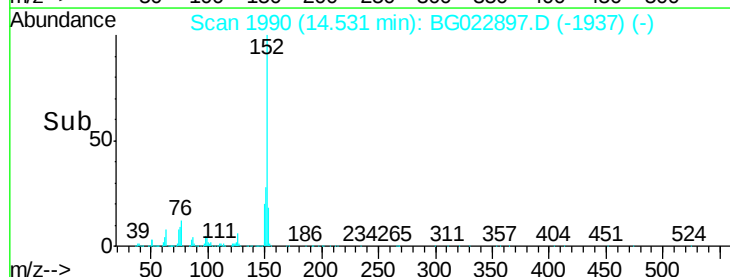
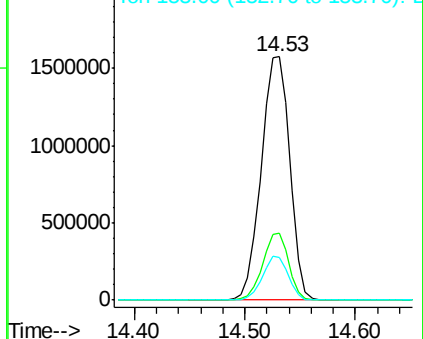
152 100

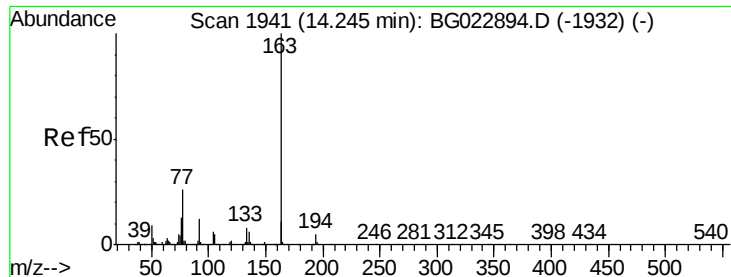
151 27.7 17.6 26.4#

153 17.7 11.4 17.2#



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

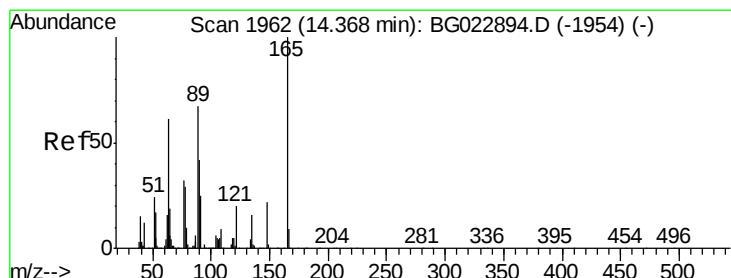
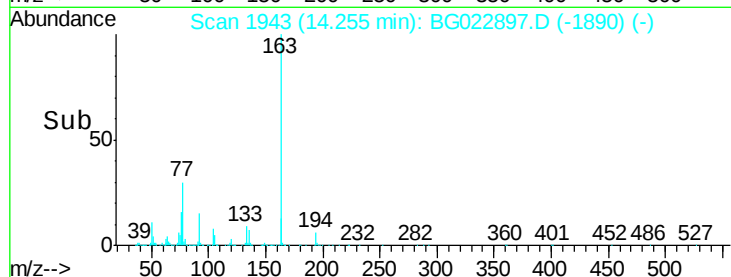
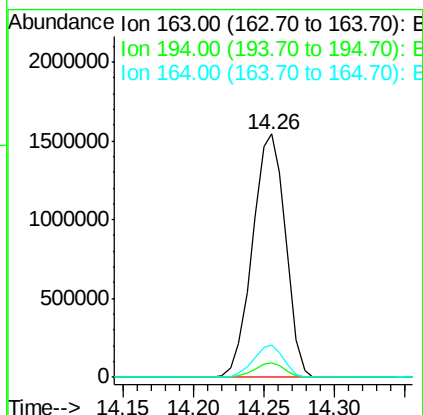
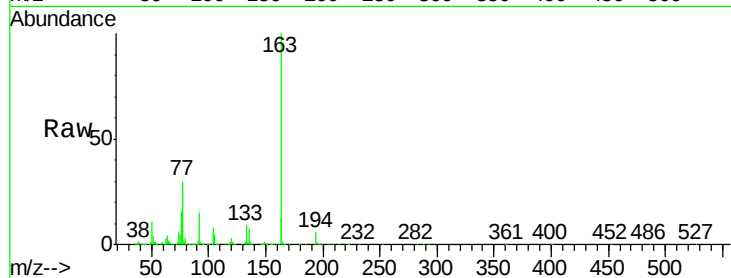




#49
Dimethylphthalate
Concen: 66.23 ng
RT: 14.26 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

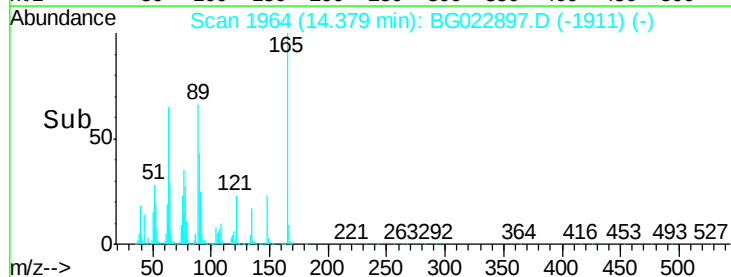
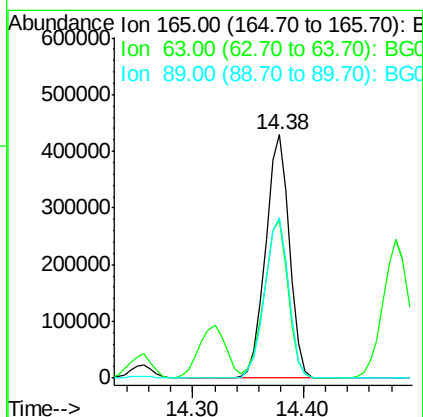
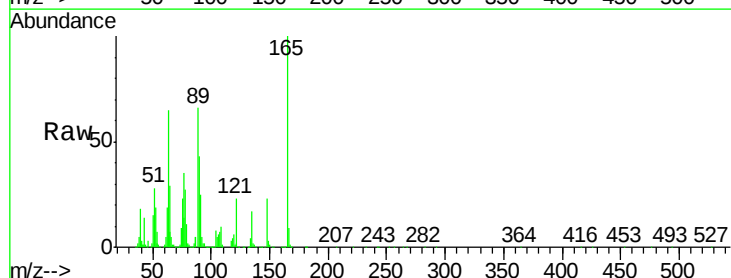
Instrument :
BNA_G
ClientSampleId :

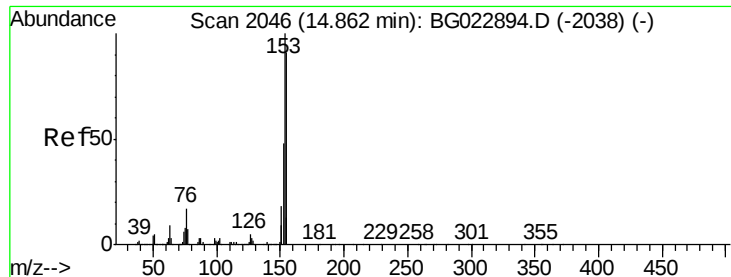
Tot Ion:163 Resp: 2531606
Ion Ratio Lower Upper
163 100
194 6.0 3.6 5.4#
164 13.3 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 78.10 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:165 Resp: 648789
Ion Ratio Lower Upper
165 100
63 64.7 64.3 96.5
89 66.1 64.3 96.5





#51

Acenaphthene

Concen: 64.76 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

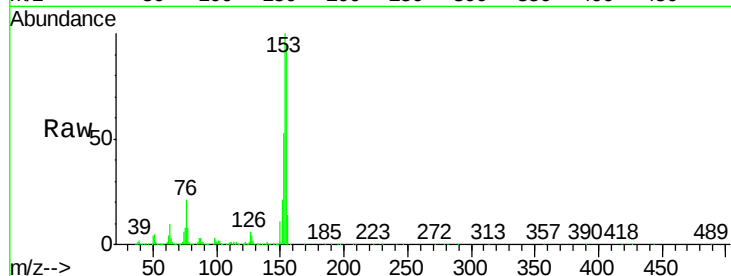
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1998720

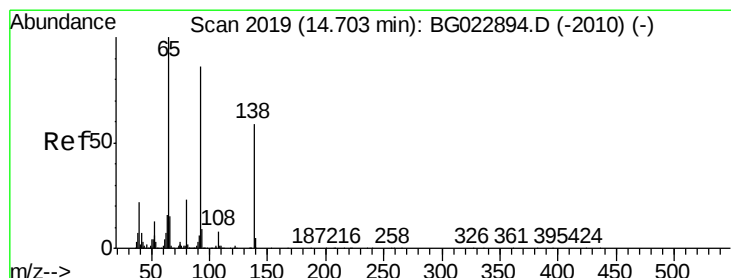
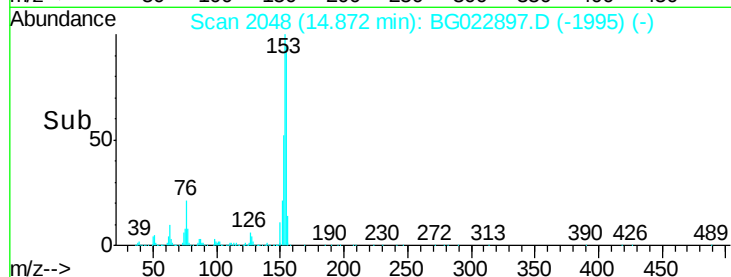
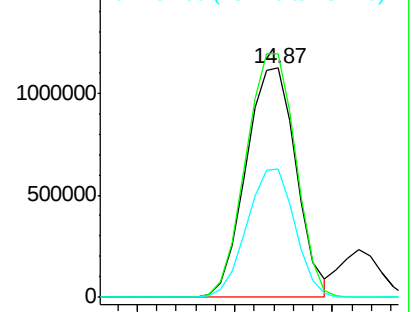
Ion	Ratio	Lower	Upper
154	100		
153	106.2	87.5	131.3
152	56.2	42.7	64.1



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: 83.36 ng

RT: 14.71 min Scan# 2021

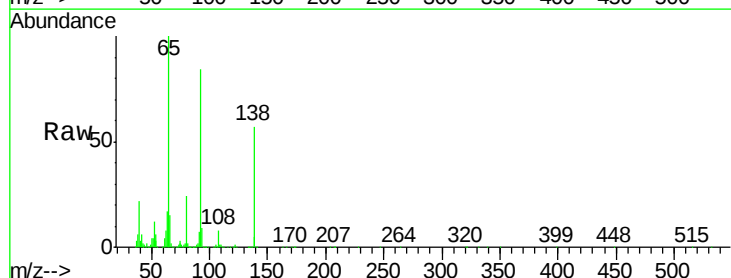
Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:138 Resp: 647861

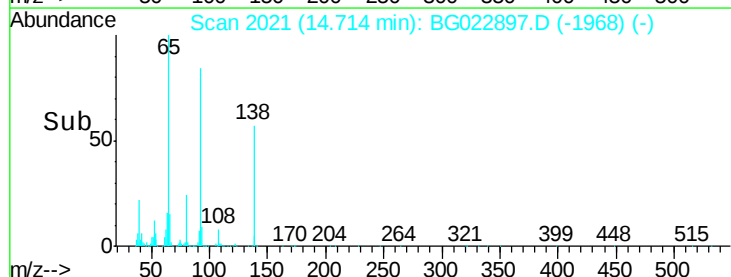
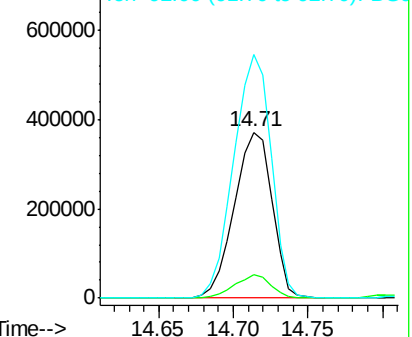
Ion	Ratio	Lower	Upper
138	100		
108	14.0	11.7	17.5
92	146.9	129.7	194.5

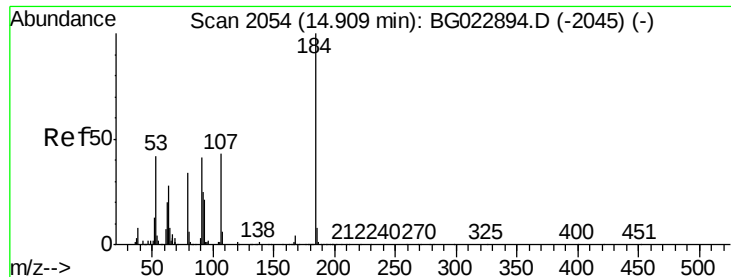


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 94.01 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

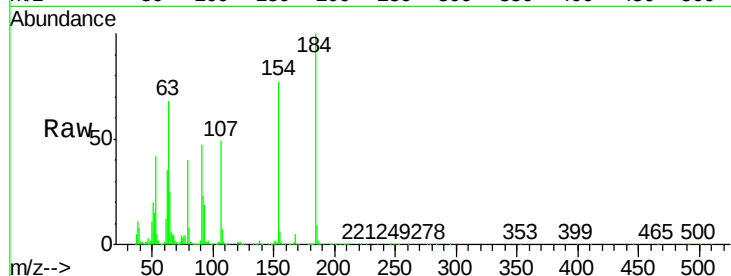
Tot Ion:184 Resp: 480993

Ion Ratio Lower Upper

184 100

63 67.5 59.6 89.4

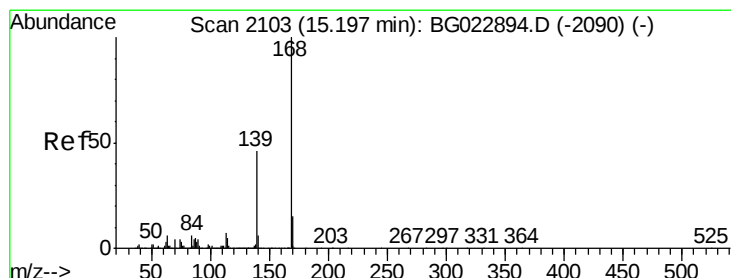
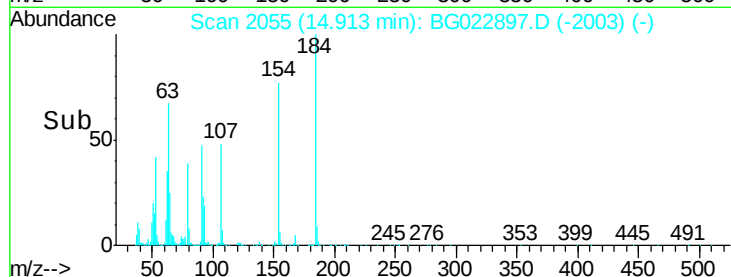
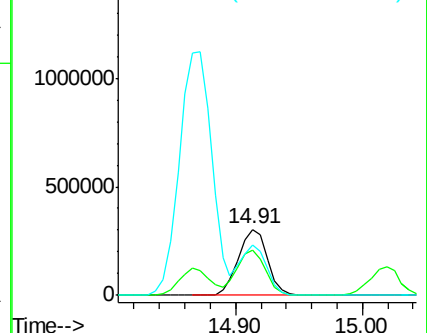
154 76.6 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022897.D (-2003) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 60.88 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

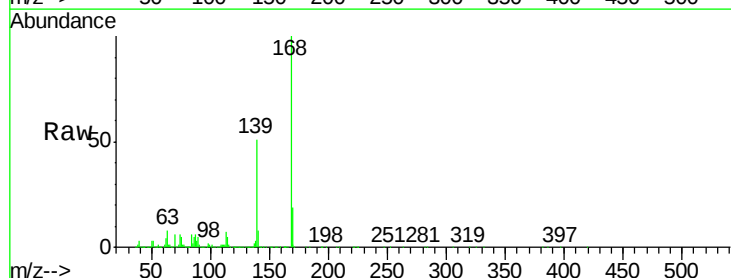
Tgt Ion:168 Resp: 2721339

Ion Ratio Lower Upper

168 100

139 51.2 36.4 54.6

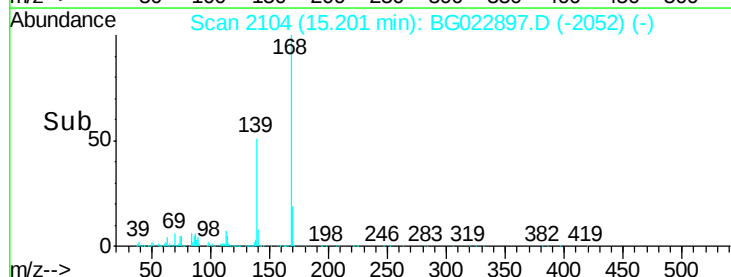
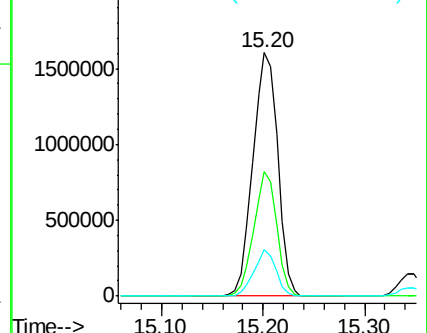
169 18.9 11.9 17.9#

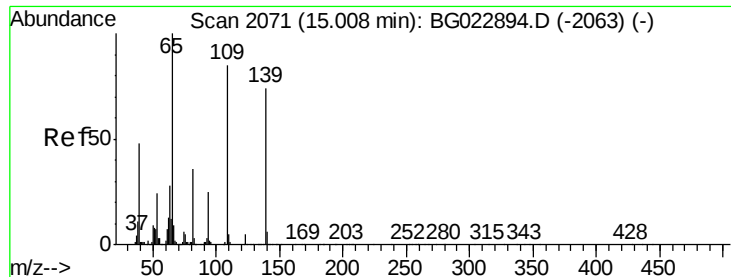


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

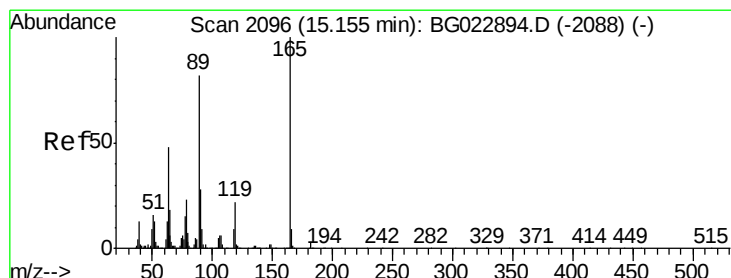
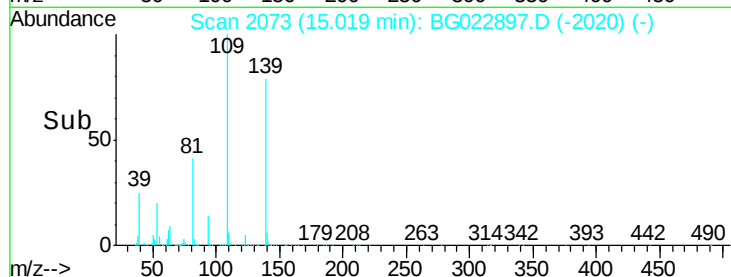
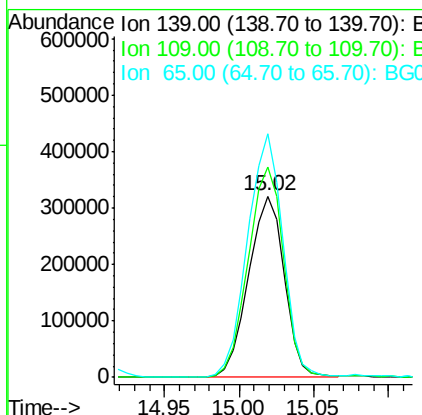
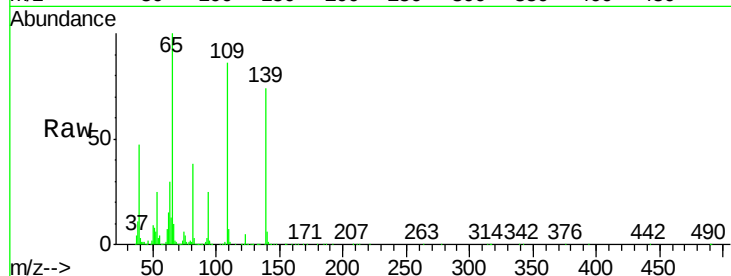




#55
4-Nitrophenol
Concen: 80.72 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

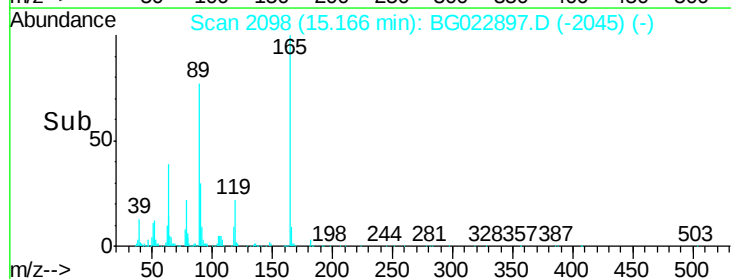
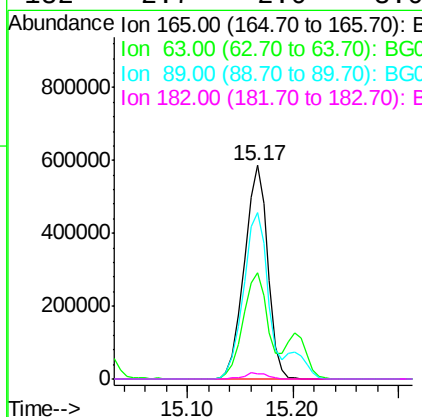
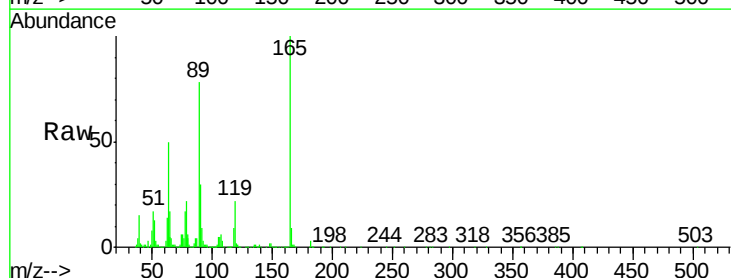
Instrument :
BNA_G
ClientSampleId :

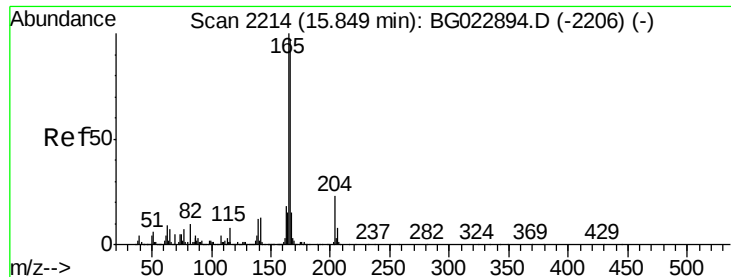
Tot Ion	Ratio	Lower	Upper
139	100		
109	115.7	103.0	143.0
65	134.2	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 78.14 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	45.8	68.6
89	78.1	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 68.10 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

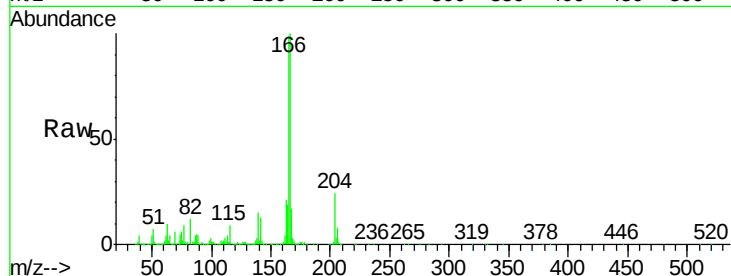
Tot Ion:166 Resp: 2429240

Ion Ratio Lower Upper

166 100

165 99.2 81.0 121.6

167 17.3 12.0 18.0

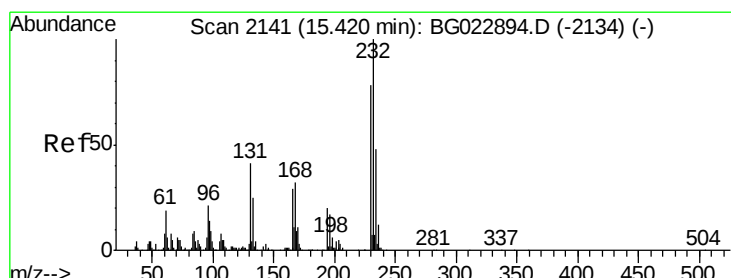
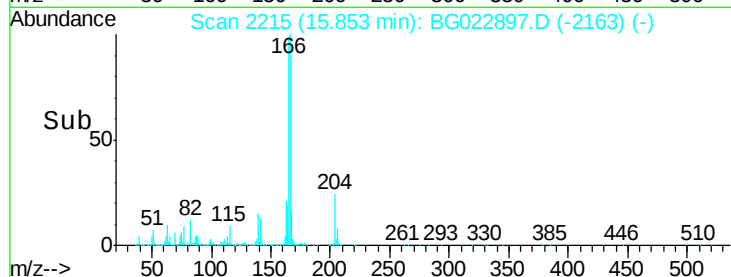
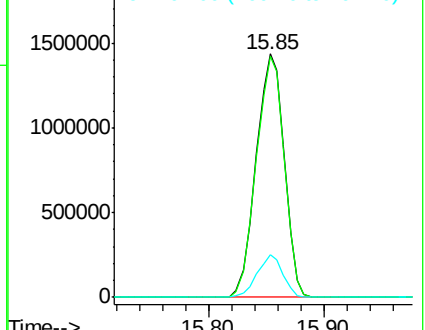


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 77.09 ng

RT: 15.35 min Scan# 2129

Delta R.T. -0.07 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:232 Resp: 932928

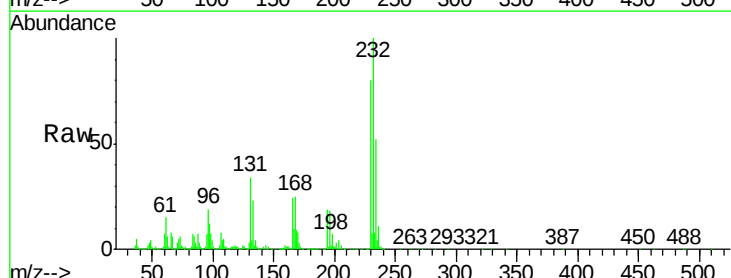
Ion Ratio Lower Upper

232 100

131 34.4 32.7 49.1

130 2.6 2.6 3.8

166 24.1 23.0 34.6



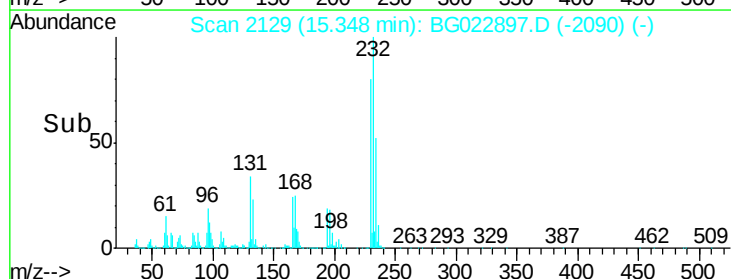
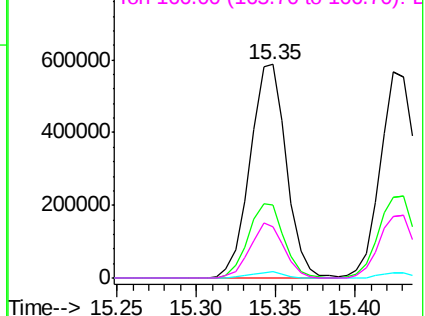
Abundance

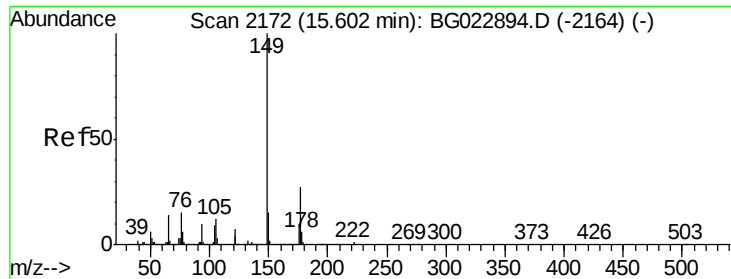
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 63.59 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

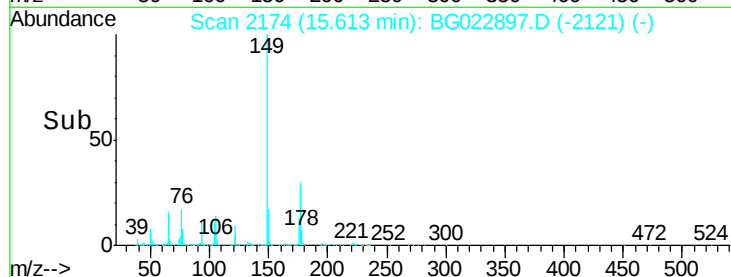
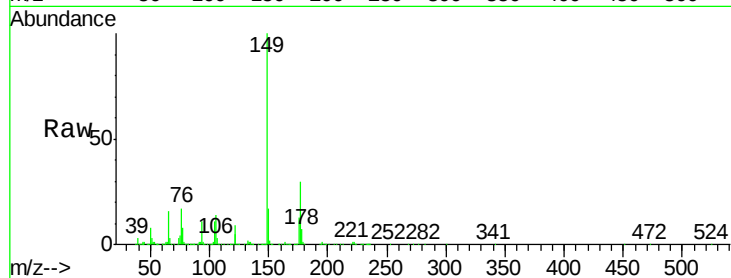
Tot Ion:149 Resp: 2499229

Ion Ratio Lower Upper

149 100

177 30.4 19.2 28.8#

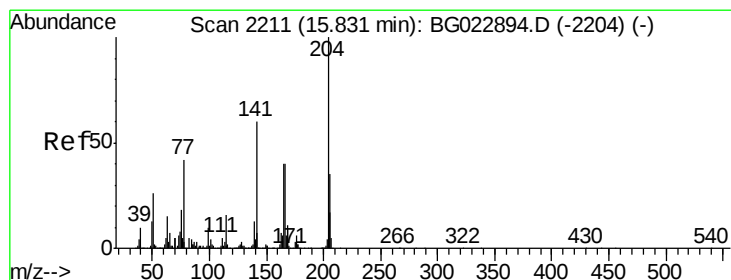
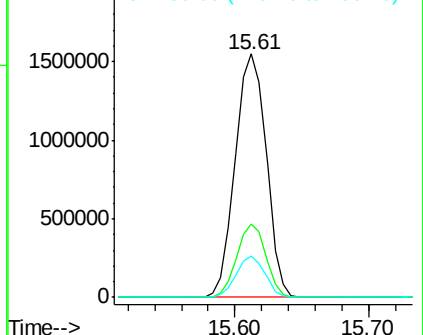
150 17.0 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 73.16 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

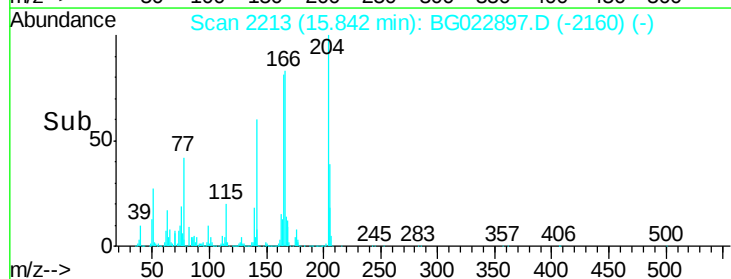
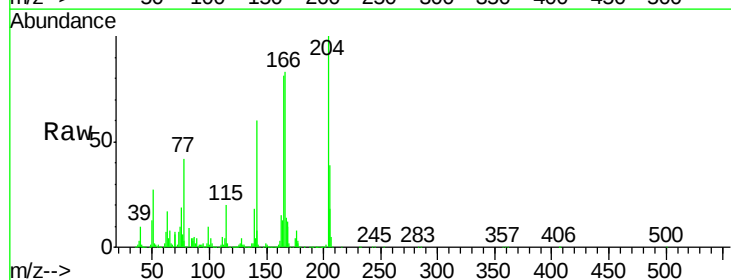
Tgt Ion:204 Resp: 1553793

Ion Ratio Lower Upper

204 100

206 39.2 28.5 42.7

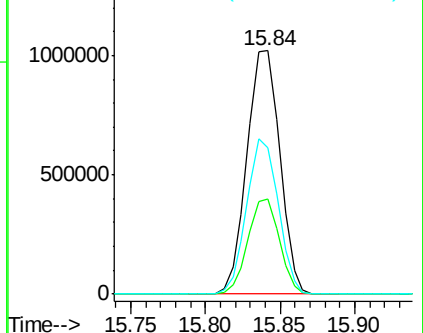
141 59.9 51.4 77.0

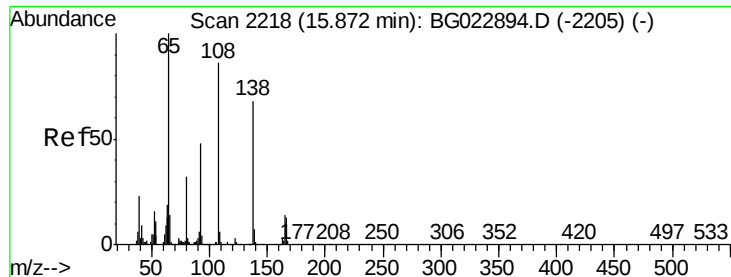


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

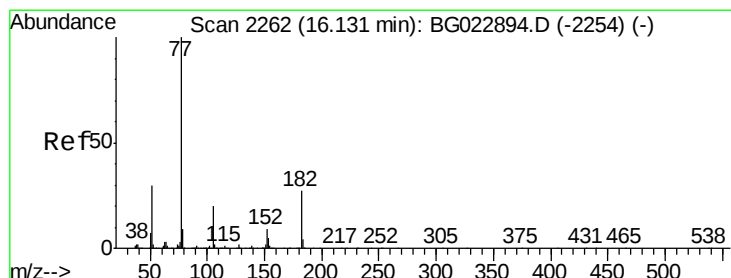
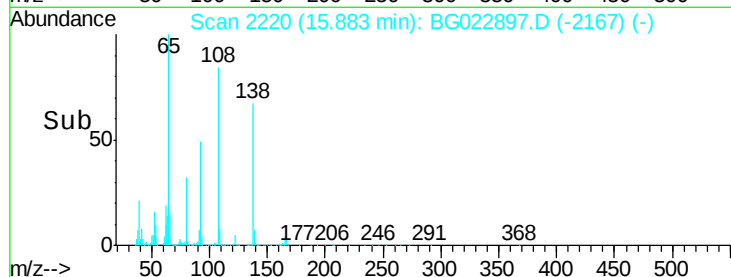
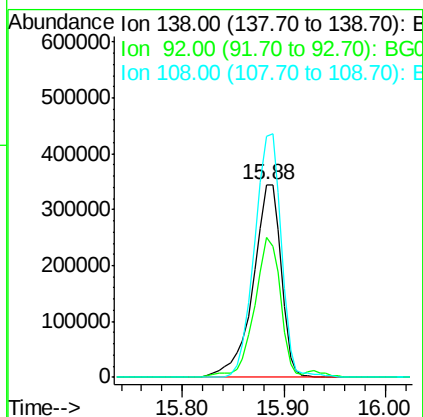
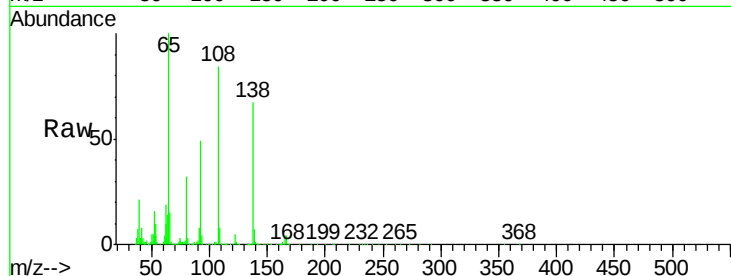




#61
4-Nitroaniline
Concen: 82.88 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

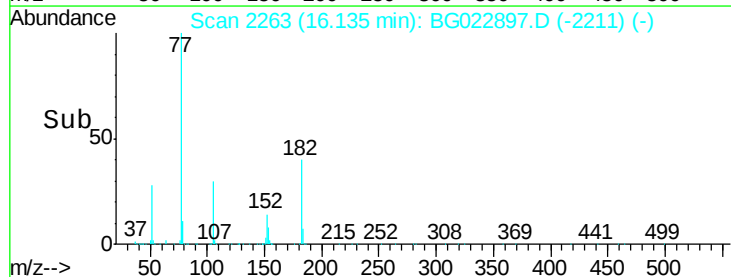
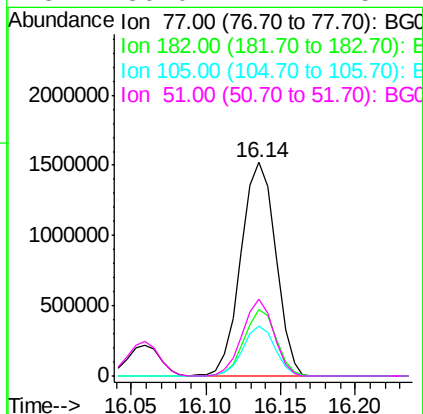
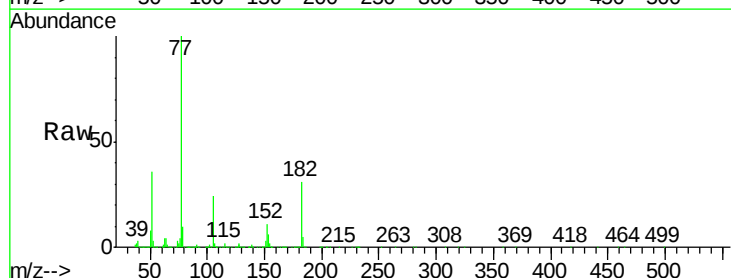
Instrument :
BNA_G
ClientSampleId :

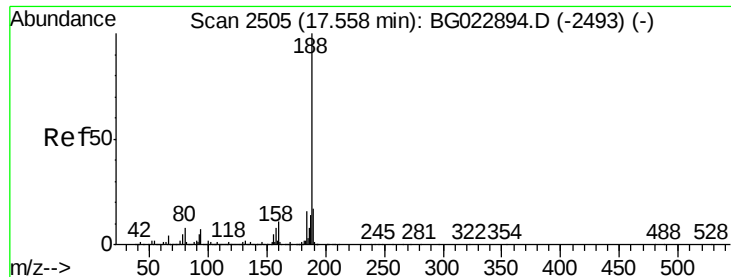
Tot Ion:138 Resp: 664683
Ion Ratio Lower Upper
138 100
92 72.4 54.1 94.1
108 125.0 133.9 173.9#



#62
Azobenzene
Concen: 57.86 ng
RT: 16.14 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion: 77 Resp: 2462674
Ion Ratio Lower Upper
77 100
182 31.1 3.5 43.5
105 23.6 0.0 38.5
51 36.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

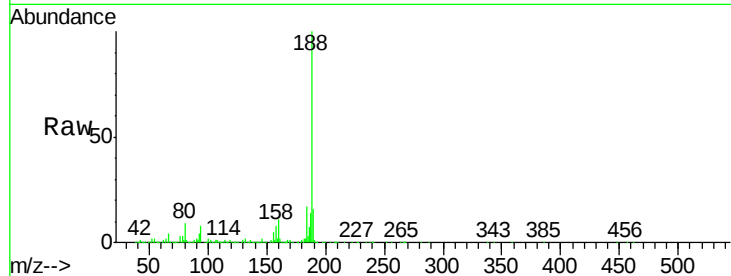
Tot Ion:188 Resp: 1095887

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

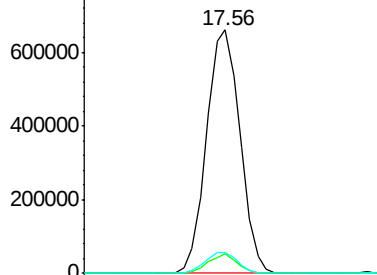
80 8.6 7.2 10.8



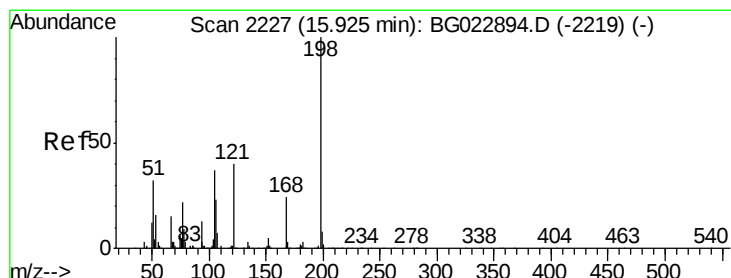
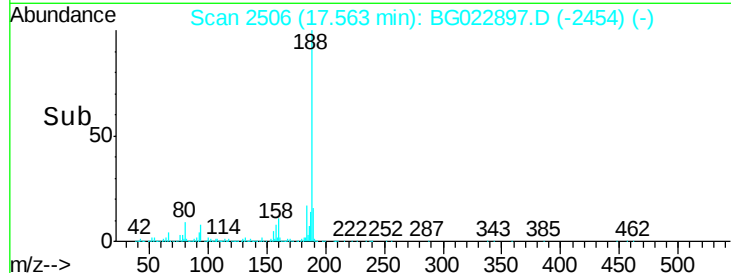
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022897.D (-2454) (-)

Ion 80.00 (79.70 to 80.70): BG022897.D (-2454) (-)



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 92.41 ng

RT: 15.94 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

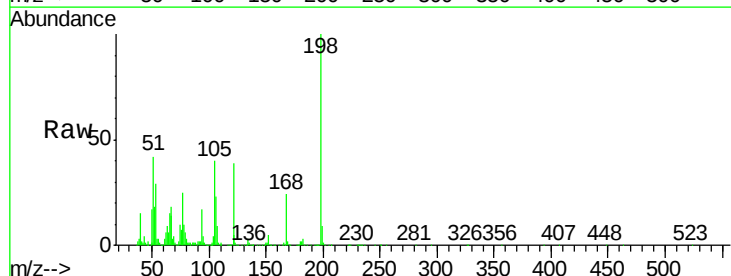
Tgt Ion:198 Resp: 679158

Ion Ratio Lower Upper

198 100

51 42.0 26.0 66.0

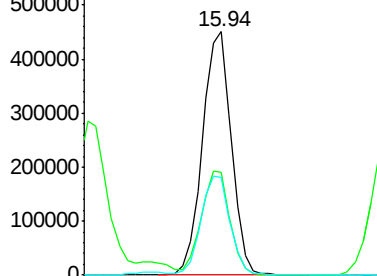
105 40.3 20.1 60.1



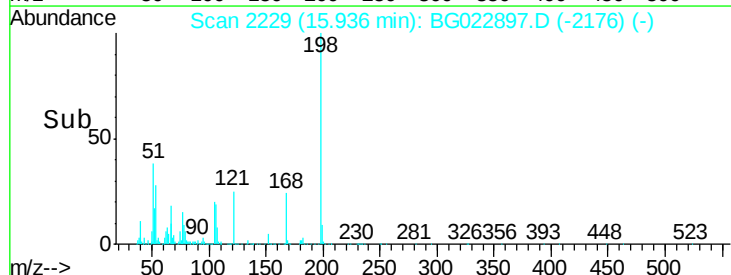
Abundance Ion 198.00 (197.70 to 198.70): E

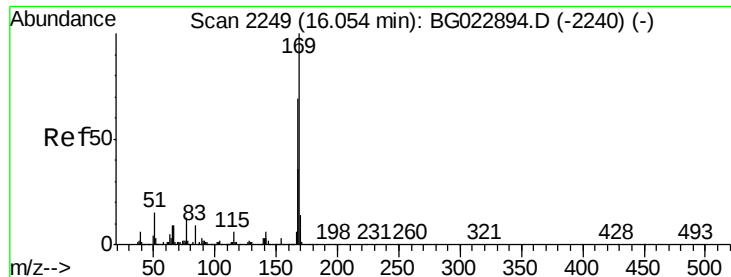
Ion 51.00 (50.70 to 51.70): BG022897.D (-2176) (-)

Ion 105.00 (104.70 to 105.70): BG022897.D (-2176) (-)



Time-->





#65

n-Nitrosodiphenylamine

Concen: 71.71 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

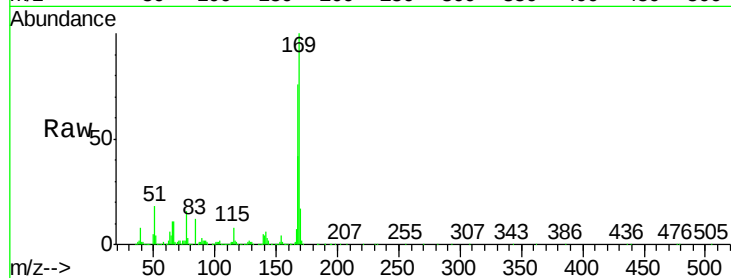
Tot Ion:169 Resp: 2287014

Ion	Ratio	Lower	Upper
169	100		
168	75.8	55.0	82.4
167	41.5	27.4	41.0

169 100

168 75.8 55.0 82.4

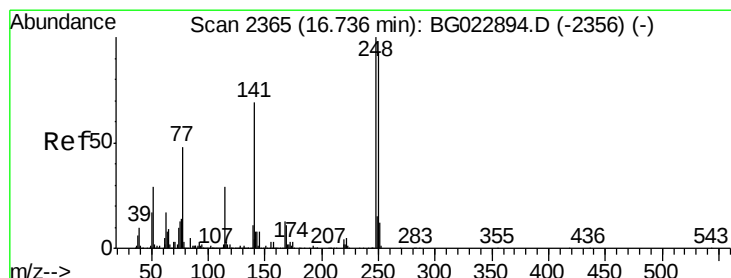
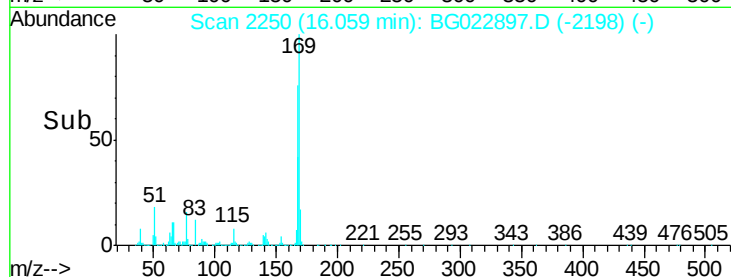
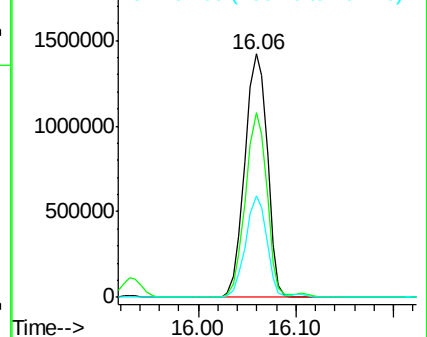
167 41.5 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 75.81 ng

RT: 16.74 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

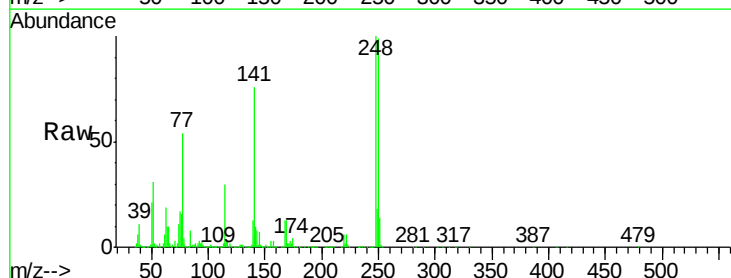
Tgt Ion:248 Resp: 1077748

Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.8	116.8
141	76.5	65.7	98.5

248 100

250 99.2 77.8 116.8

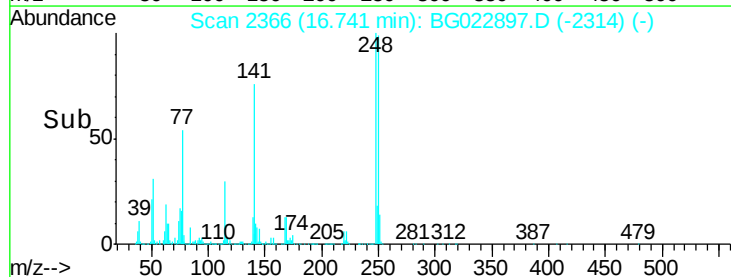
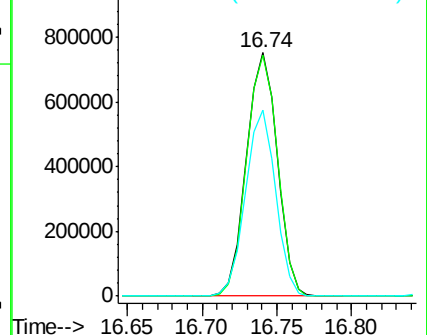
141 76.5 65.7 98.5

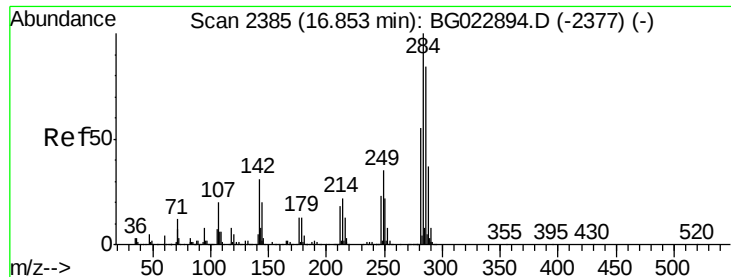


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 79.79 ng

RT: 16.86 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

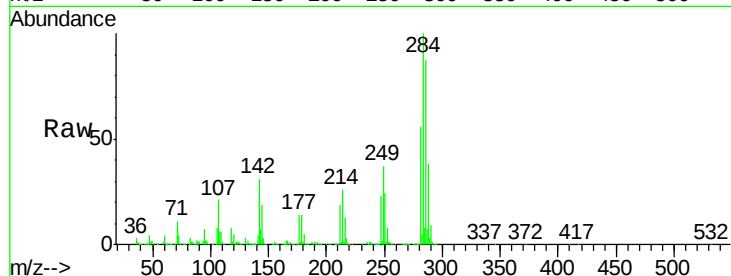
Tot Ion:284 Resp: 1199409

Ion Ratio Lower Upper

284 100

142 30.8 26.8 40.2

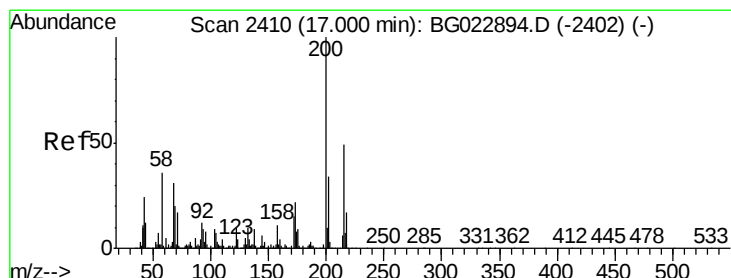
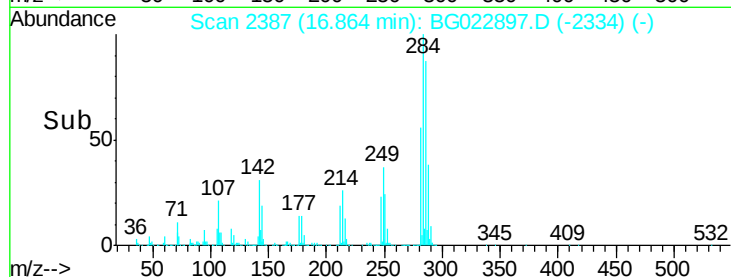
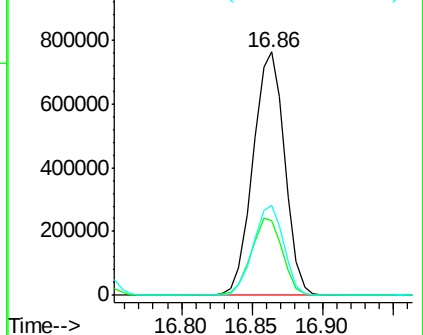
249 37.1 28.9 43.3



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: 74.81 ng

RT: 17.01 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

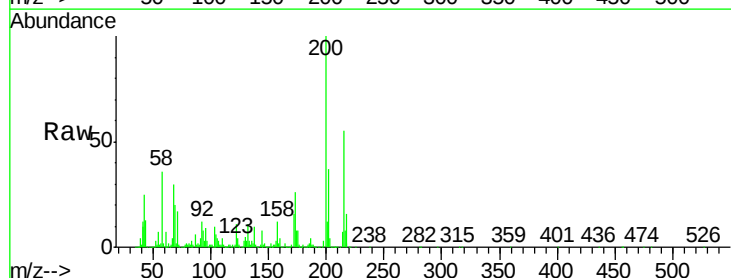
Tgt Ion:200 Resp: 1007243

Ion Ratio Lower Upper

200 100

173 25.9 1.6 41.6

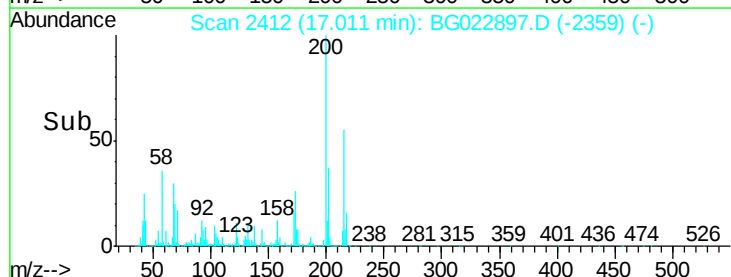
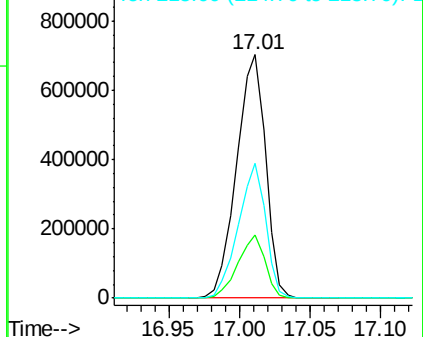
215 55.4 28.7 68.7

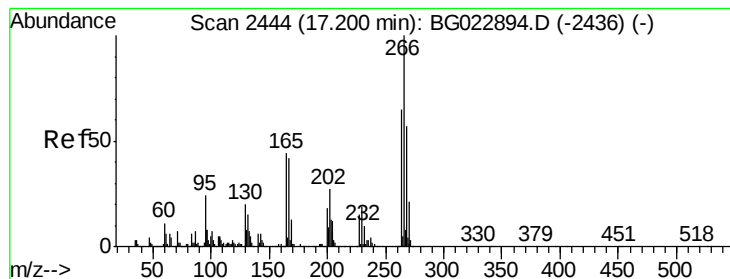


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 81.05 ng

RT: 17.21 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

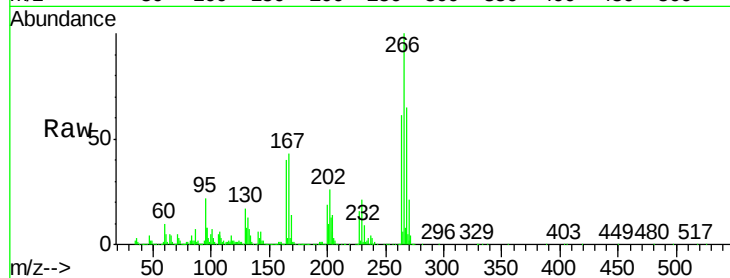
Tot Ion:266 Resp: 838528

Ion Ratio Lower Upper

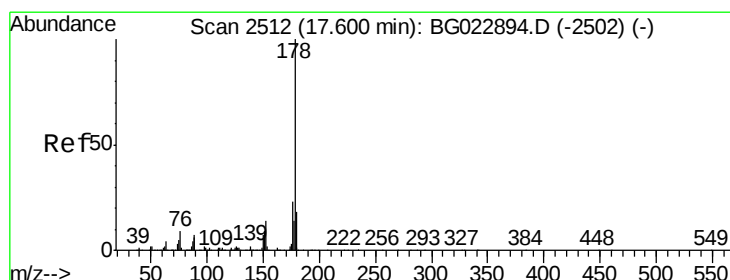
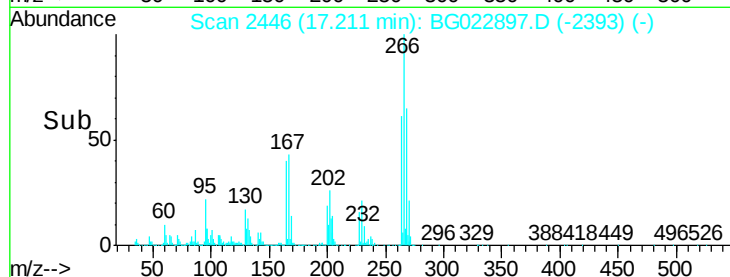
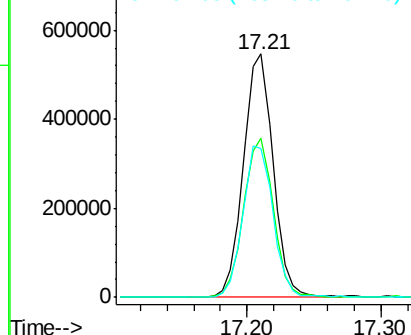
266 100

268 65.2 51.9 77.9

264 61.4 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: 62.63 ng

RT: 17.61 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

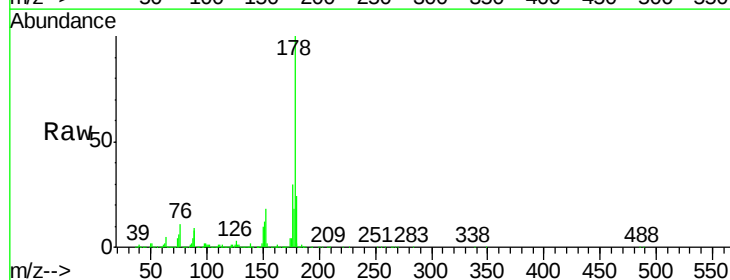
Tgt Ion:178 Resp: 3500168

Ion Ratio Lower Upper

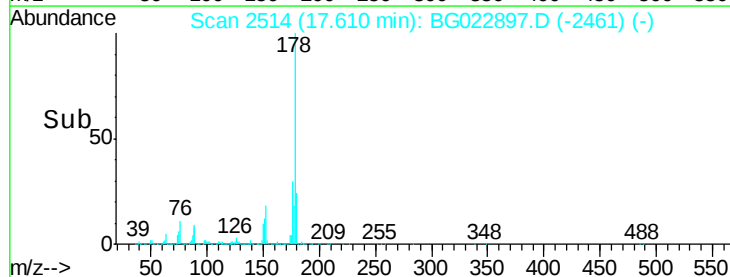
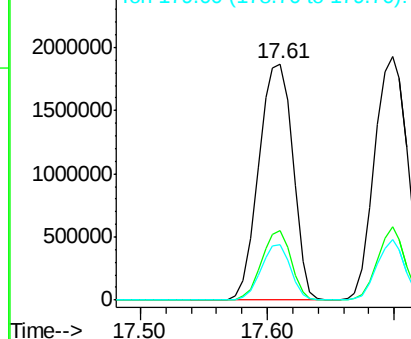
178 100

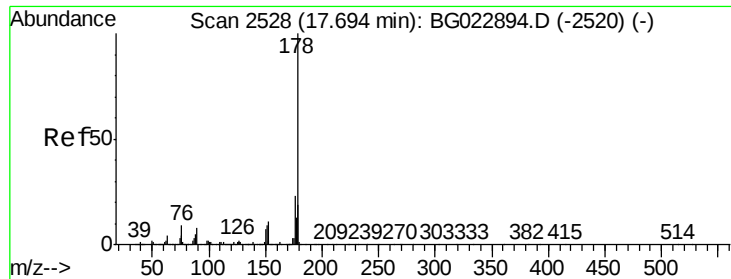
176 29.6 16.8 25.2#

179 23.6 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: 60.57 ng

RT: 17.70 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

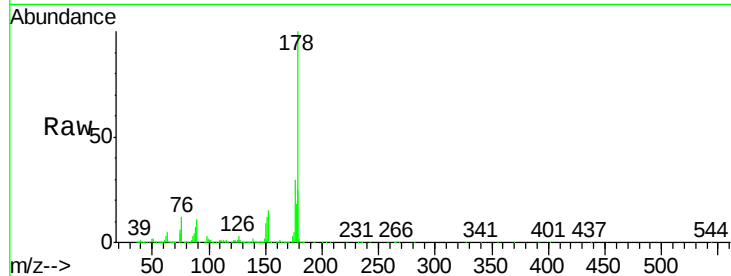
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 3483801

Ion	Ratio	Lower	Upper
178	100		
176	30.3	17.3	25.9#
179	24.9	14.0	21.0#

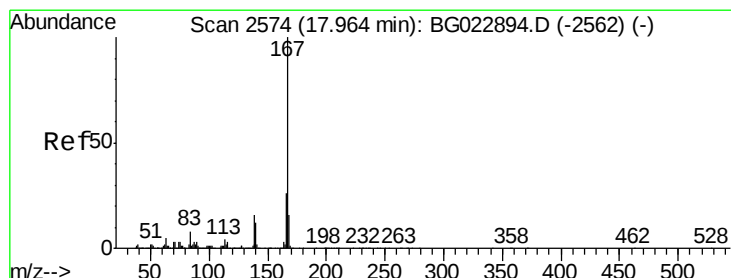
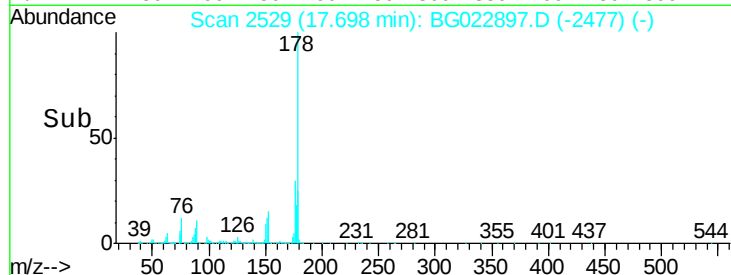
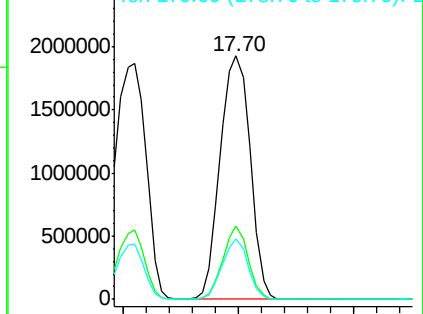


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 63.16 ng

RT: 17.97 min Scan# 2575

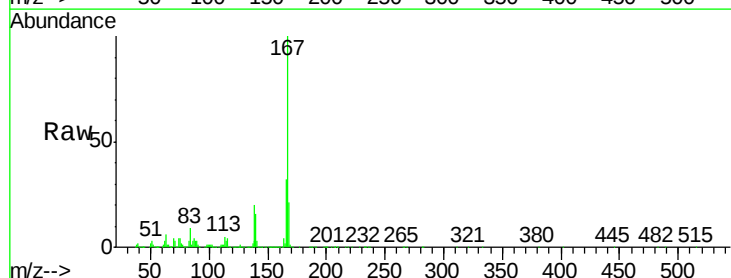
Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Tgt Ion:167 Resp: 3079701

Ion	Ratio	Lower	Upper
167	100		
166	32.1	20.7	31.1#
139	20.1	11.9	17.9#

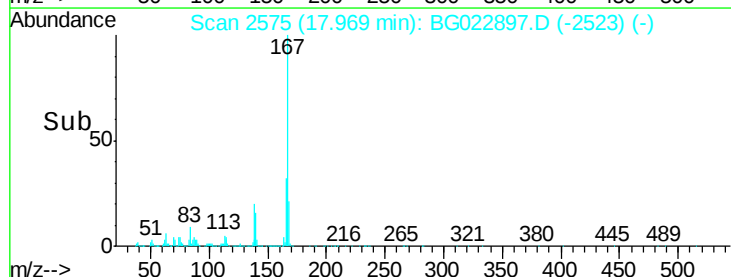
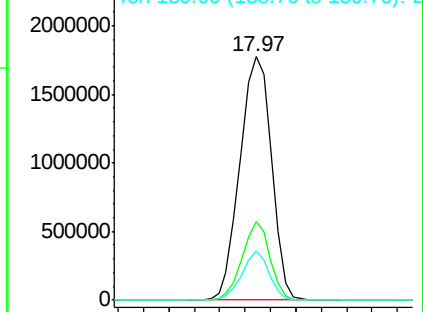


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.16 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

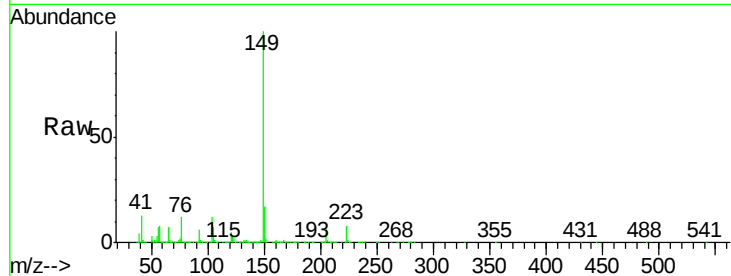
Tot Ion:149 Resp: 3302513

Ion Ratio Lower Upper

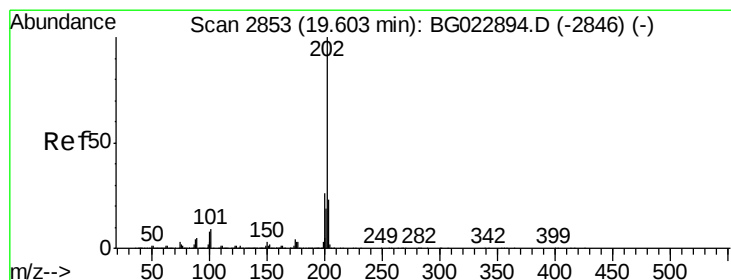
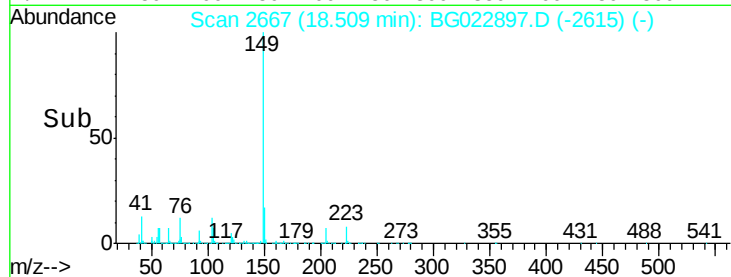
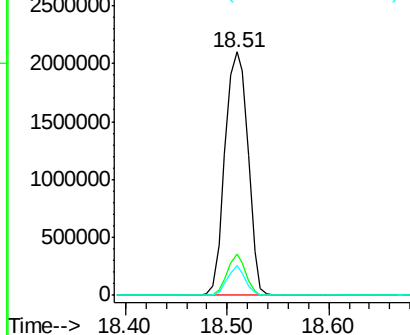
149 100

150 16.8 9.1 13.7#

104 12.3 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: 59.11 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

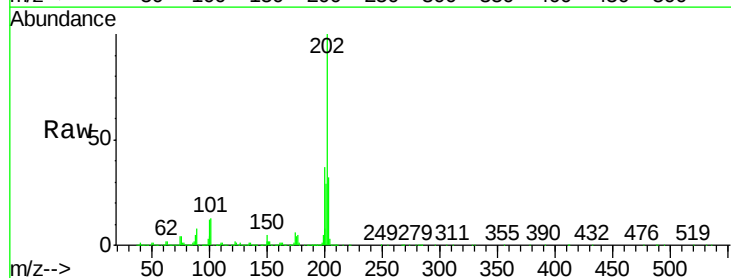
Tgt Ion:202 Resp: 3805711

Ion Ratio Lower Upper

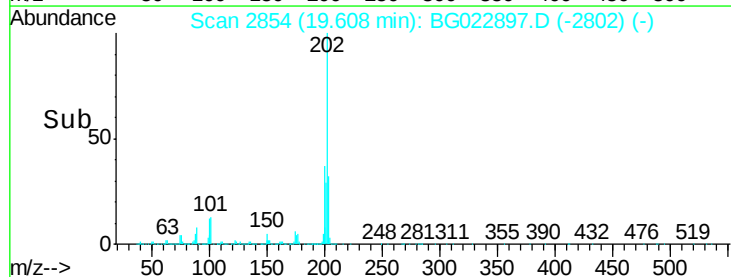
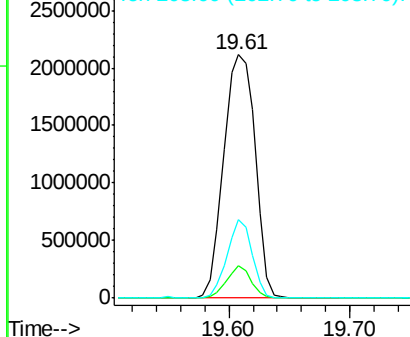
202 100

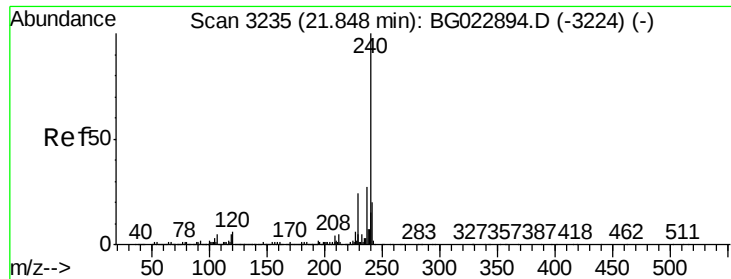
101 13.1 0.0 27.4

203 32.4 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. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampled :

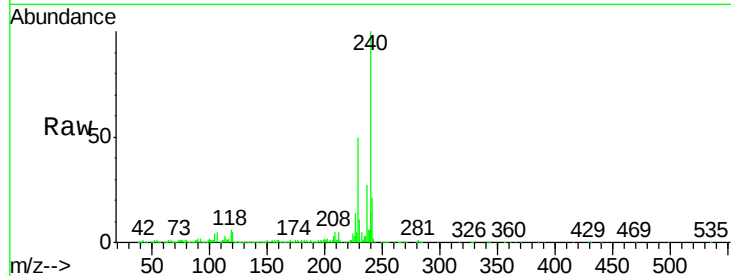
Tot Ion:240 Resp: 1191093

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

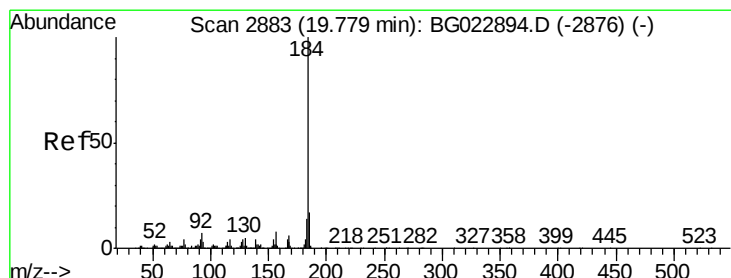
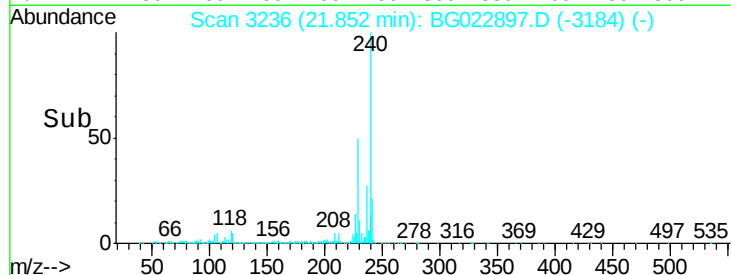
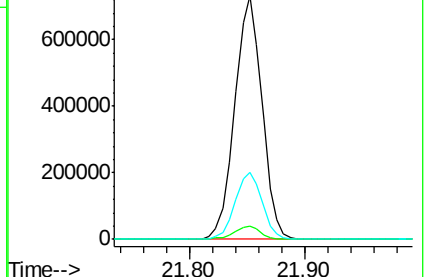
236 27.3 21.1 31.7



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: 181.76 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

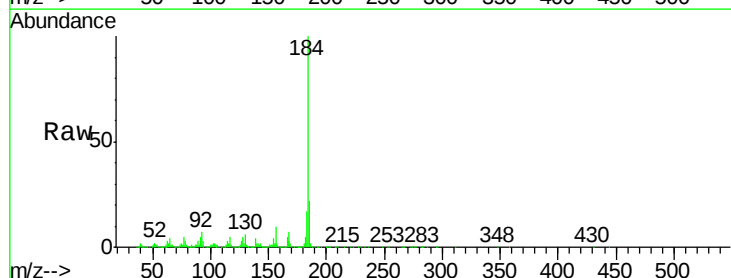
Tgt Ion:184 Resp: 2304984

Ion Ratio Lower Upper

184 100

185 21.7 12.6 19.0#

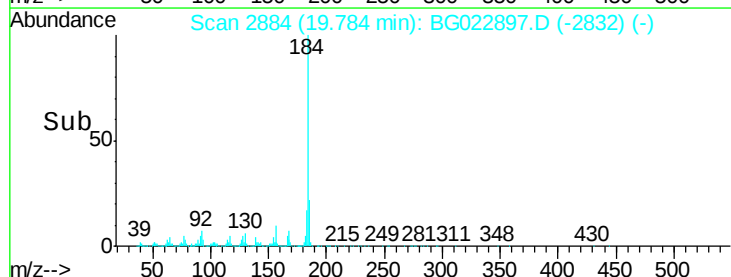
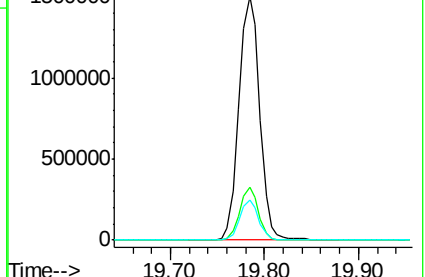
183 16.6 10.7 16.1#

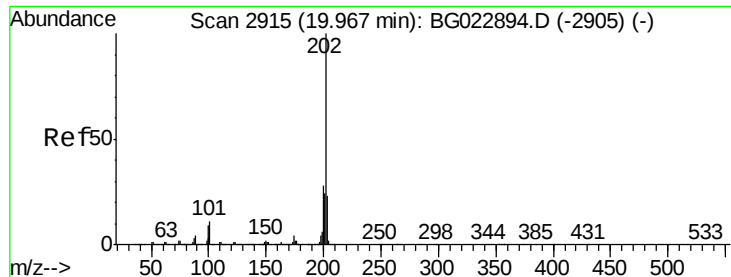


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 60.78 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampled :

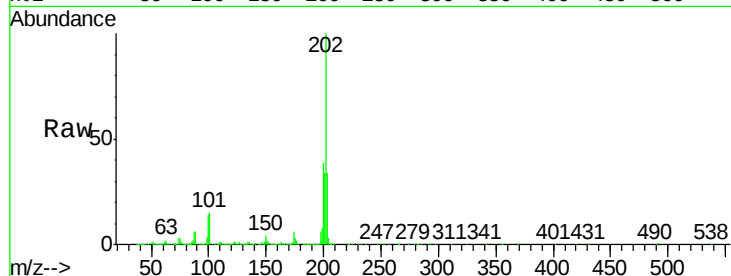
Tot Ion:202 Resp: 3856149

Ion Ratio Lower Upper

202 100

200 38.6 21.2 31.8#

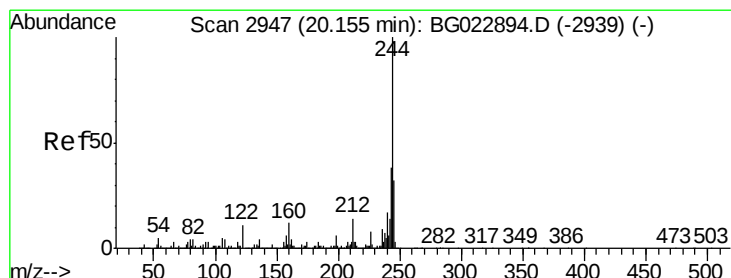
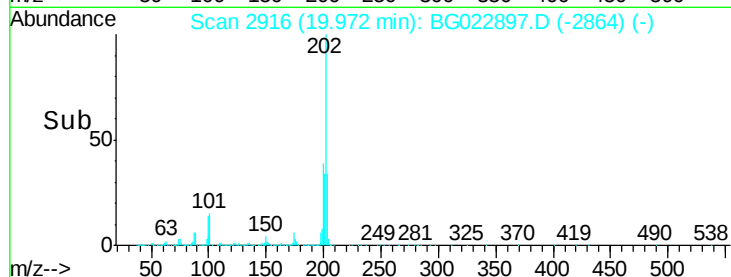
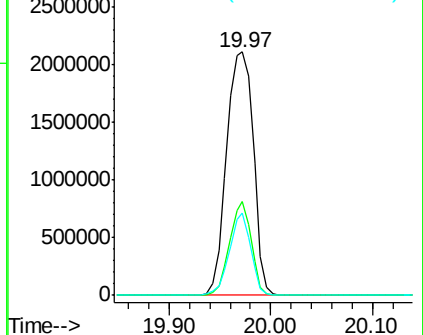
203 33.7 16.8 25.2#



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: 94.04 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

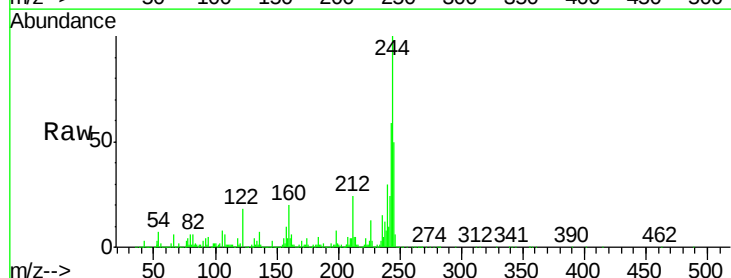
Tgt Ion:244 Resp: 4227895

Ion Ratio Lower Upper

244 100

212 23.6 10.8 16.2#

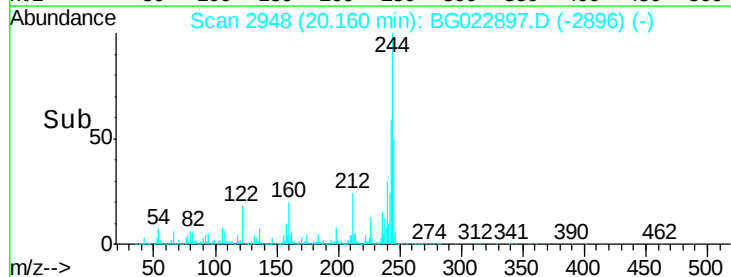
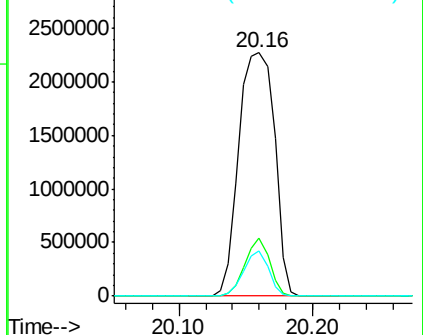
122 18.4 8.0 12.0#

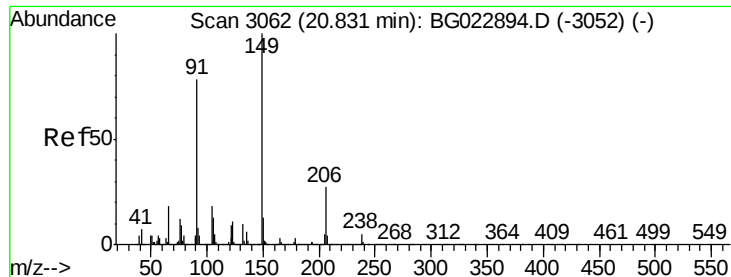


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

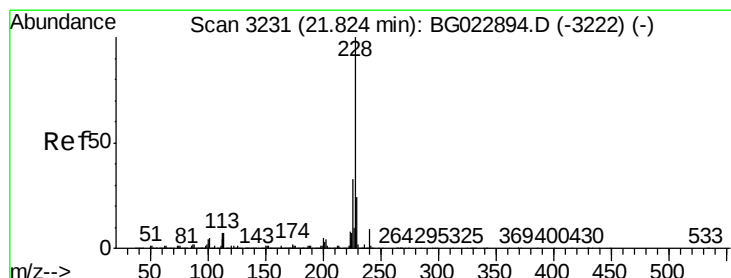
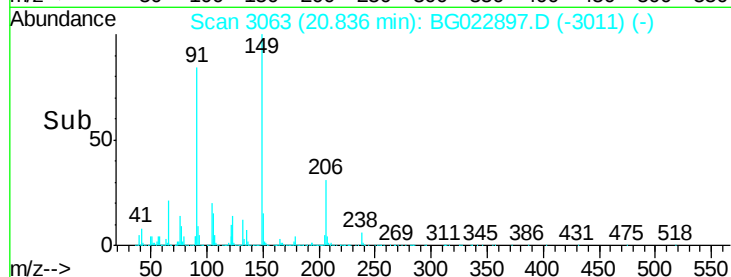
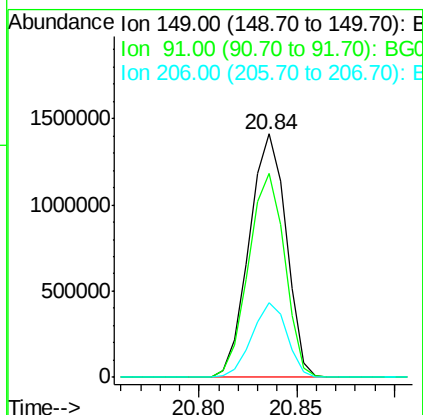
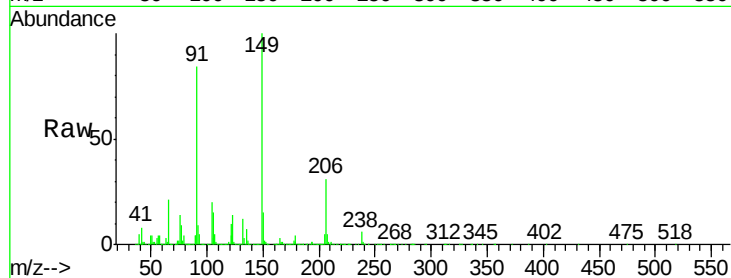




#79
Butylbenzylphthalate
Concen: 67.50 ng
RT: 20.84 min Scan# 3063
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

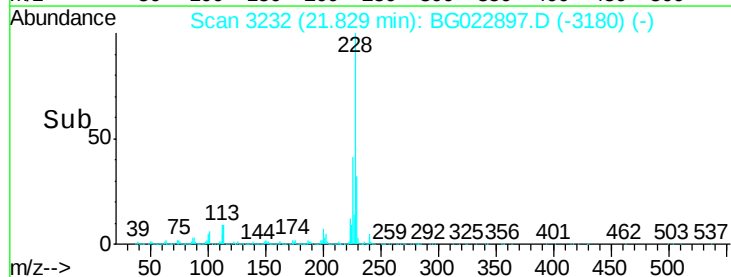
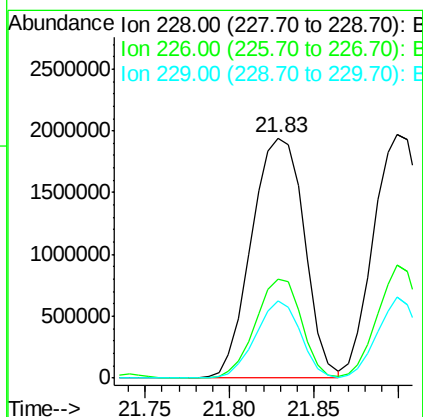
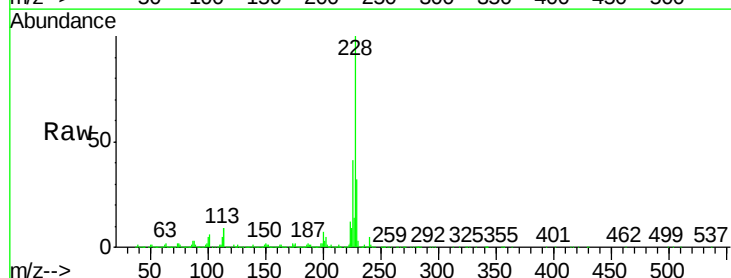
Instrument :
BNA_G
ClientSampleId :

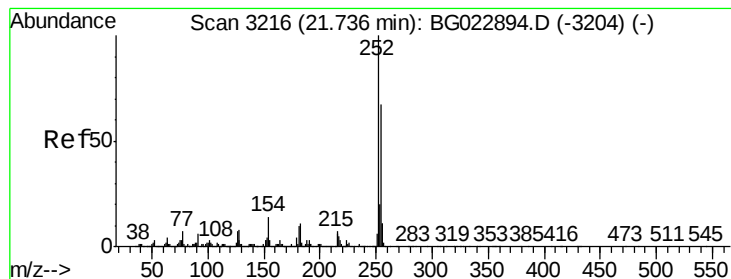
Tot Ion:149 Resp: 1853602
Ion Ratio Lower Upper
149 100
91 83.8 68.1 102.1
206 30.8 19.8 29.6#



#80
Benzo(a)anthracene
Concen: 63.91 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:228 Resp: 4212176
Ion Ratio Lower Upper
228 100
226 41.4 25.3 37.9#
229 31.9 19.9 29.9#



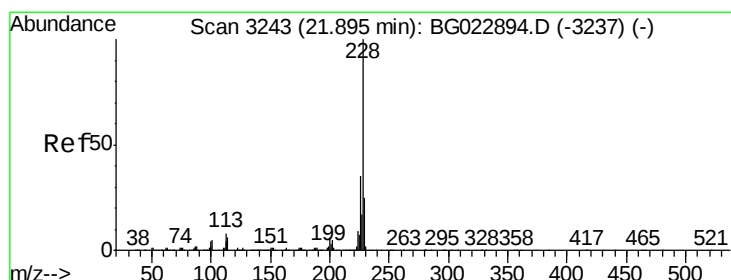
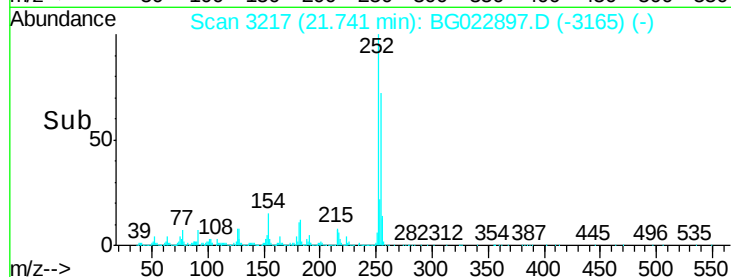
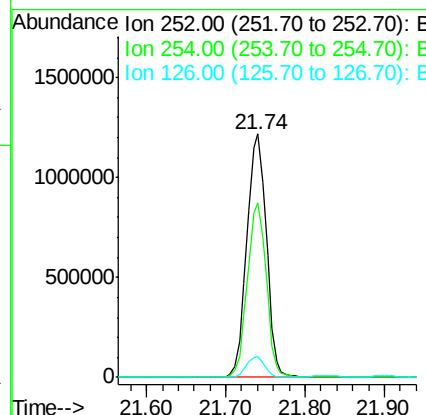
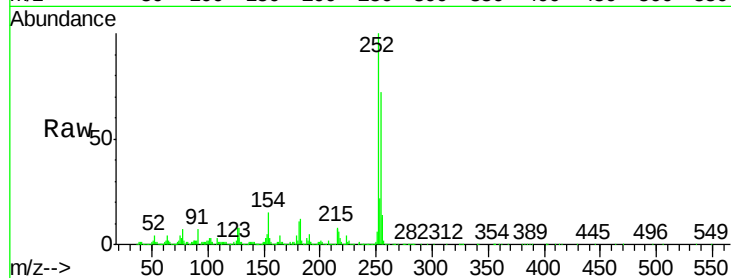


#81
 3,3'-Dichlorobenzidine
 Concen: 76.77 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 2089849

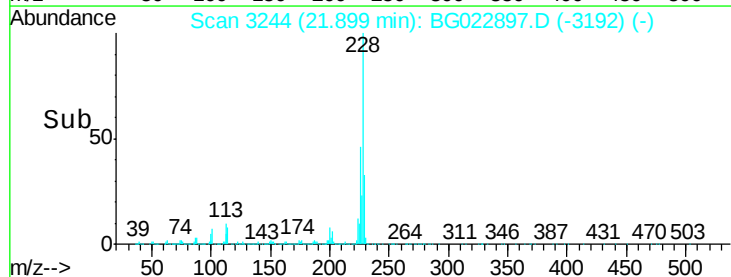
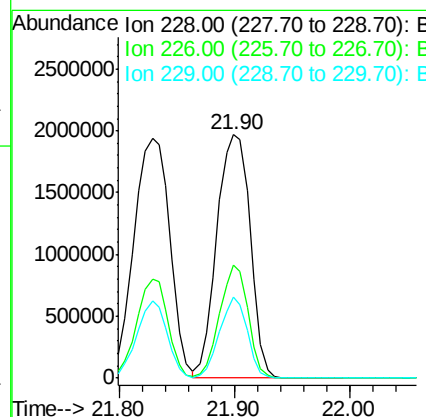
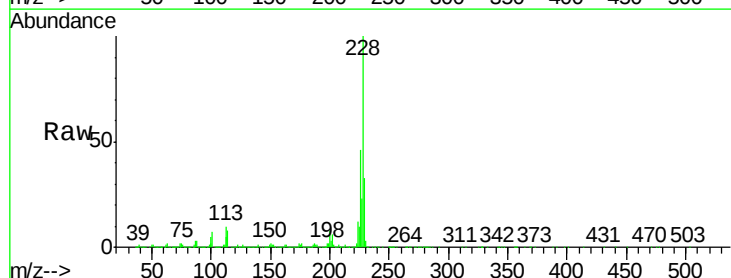
Ion	Ratio	Lower	Upper
252	100		
254	71.6	51.2	76.8
126	8.4	5.3	7.9#

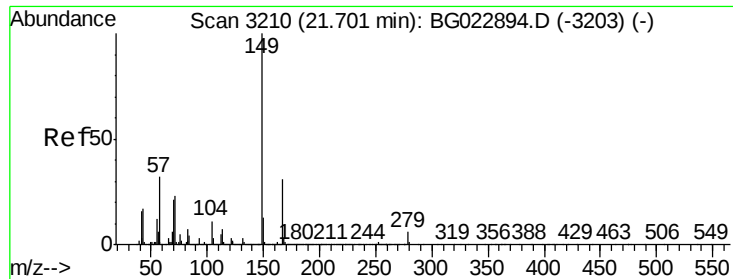


#82
 Chrysene
 Concen: 63.32 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion:228 Resp: 3921557

Ion	Ratio	Lower	Upper
228	100		
226	46.5	26.7	40.1#
229	33.0	17.4	26.2#

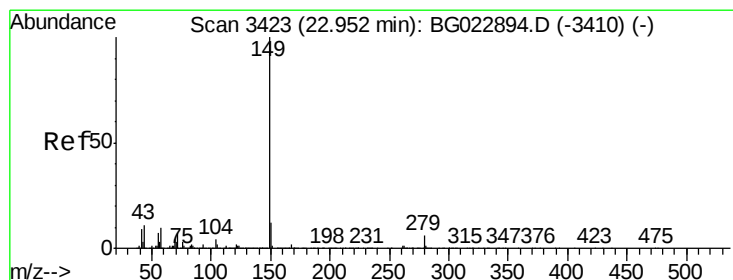
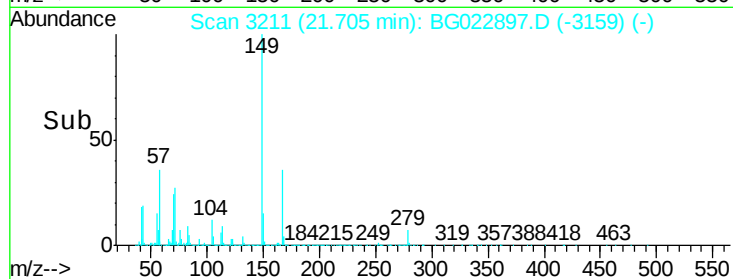
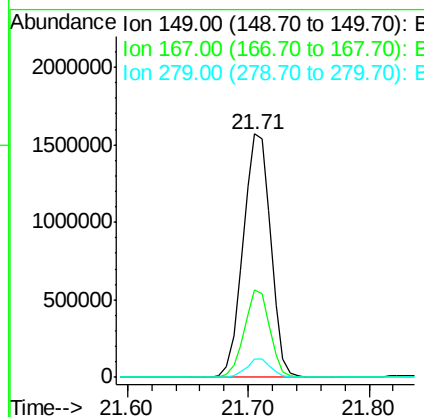
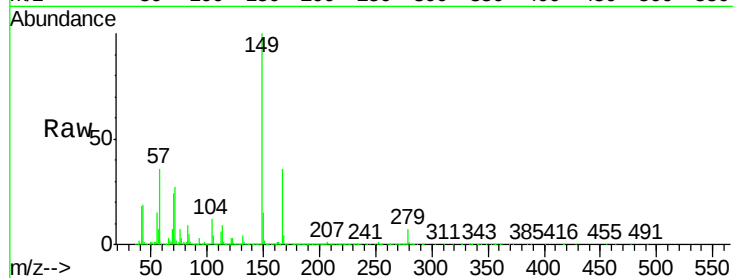




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.36 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

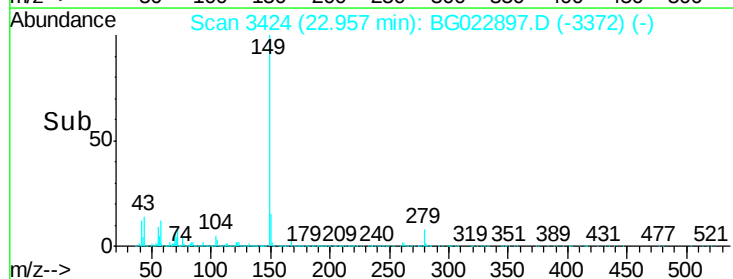
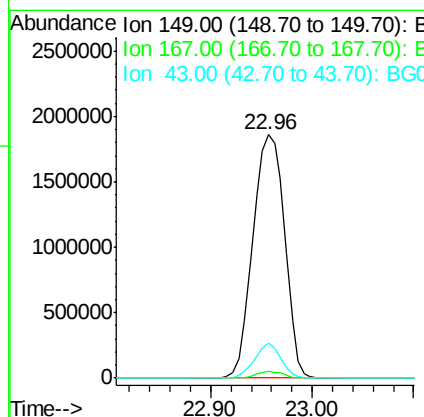
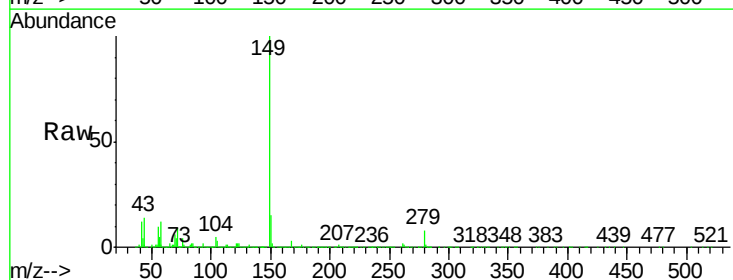
Instrument :
 BNA_G
 ClientSampleId :

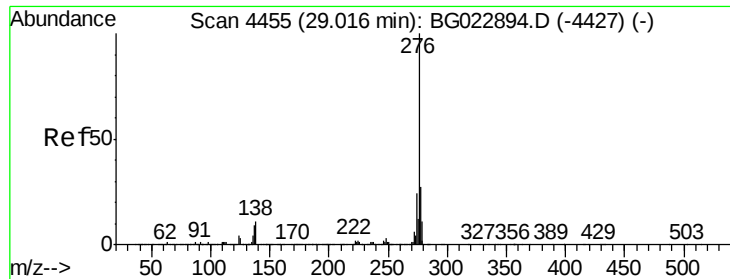
Tot Ion:149 Resp: 2488829
 Ion Ratio Lower Upper
 149 100
 167 36.1 24.0 36.0#
 279 7.3 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 63.14 ng
 RT: 22.96 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion:149 Resp: 4024779
 Ion Ratio Lower Upper
 149 100
 167 2.4 1.5 2.3#
 43 11.9 8.8 13.2

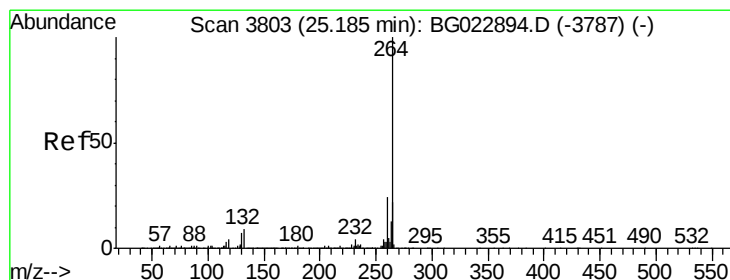
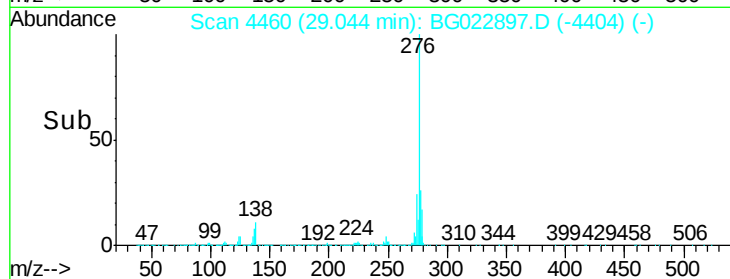
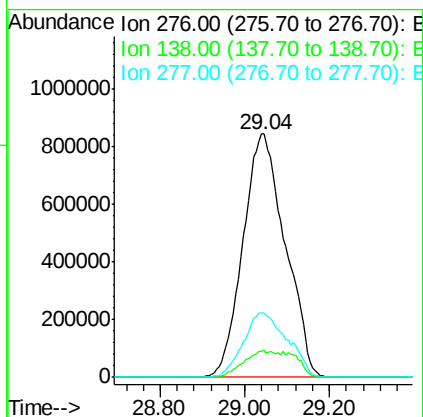
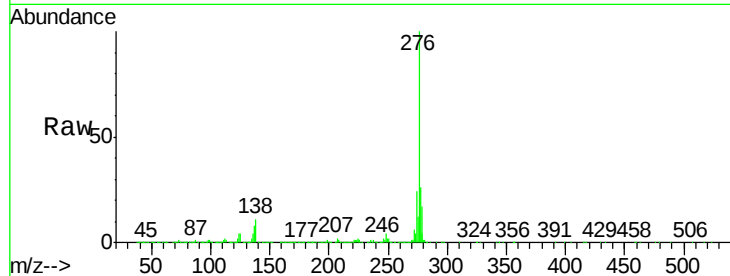




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.98 ng
 RT: 29.04 min Scan# 4460
 Delta R.T. 0.03 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

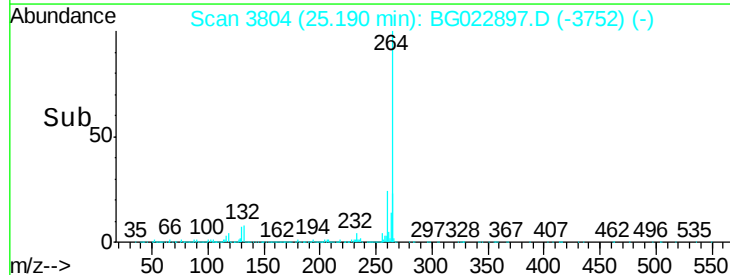
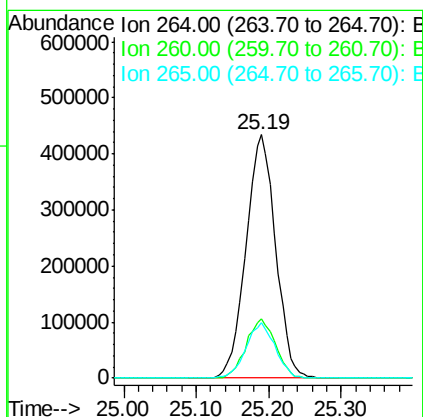
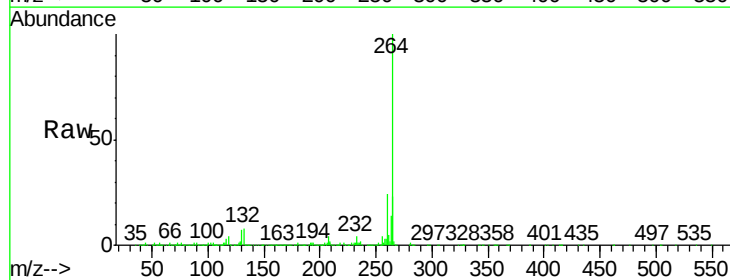
Instrument :
 BNA_G
 ClientSampled :

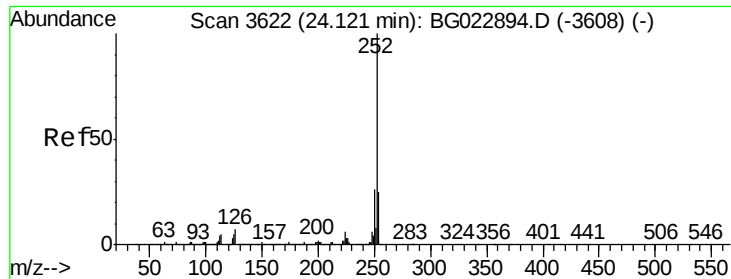
Tot Ion:276 Resp: 5858003
 Ion Ratio Lower Upper
 276 100
 138 9.0 0.0 0.0#
 277 27.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.19 min Scan# 3804
 Delta R.T. 0.00 min
 Lab File: BG022897.D
 Acq: 7 Jul 2016 15:53

Tgt Ion:264 Resp: 1227352
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 68.18 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.01 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

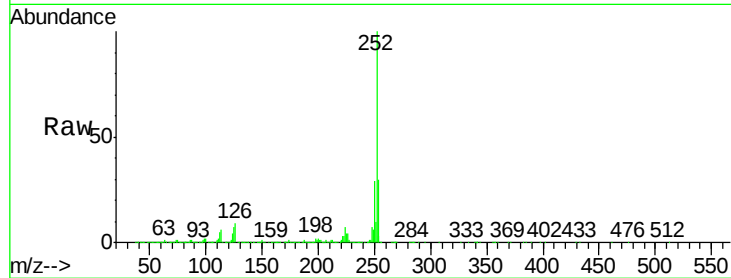
Tot Ion:252 Resp: 5031877

Ion Ratio Lower Upper

252 100

253 29.8 18.9 28.3#

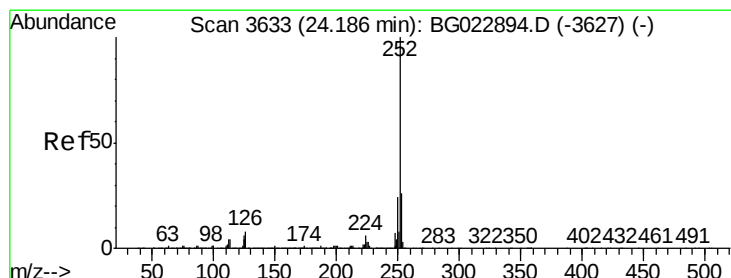
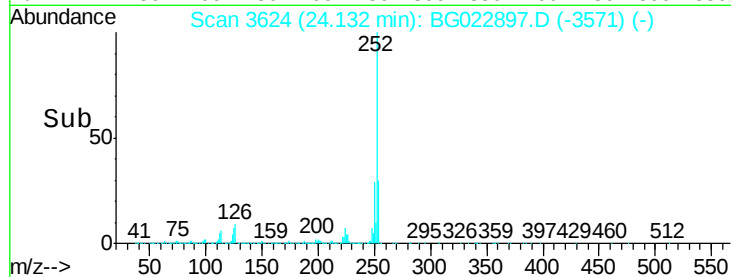
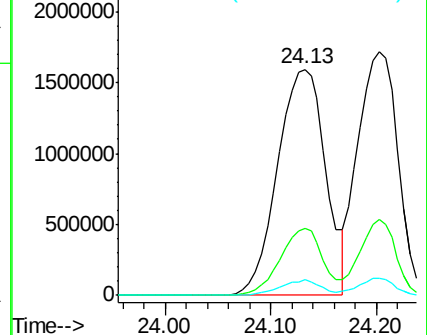
125 6.8 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 64.52 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.02 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

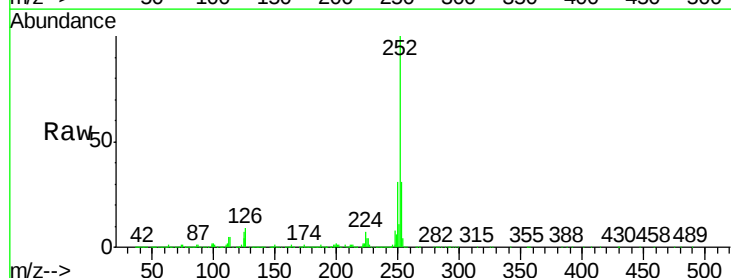
Tgt Ion:252 Resp: 4501468

Ion Ratio Lower Upper

252 100

253 31.2 18.8 28.2#

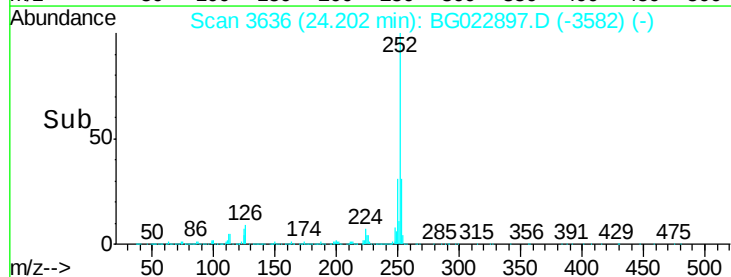
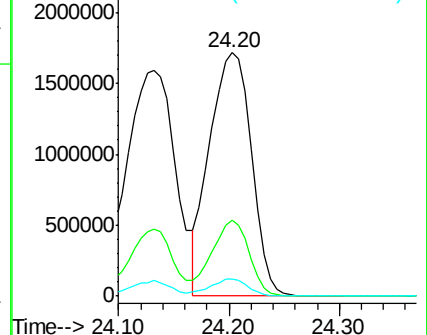
125 6.9 3.2 4.8#

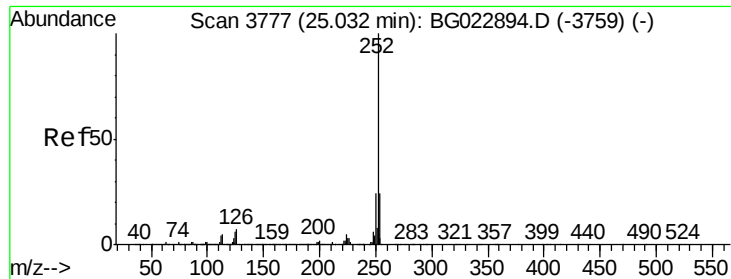


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

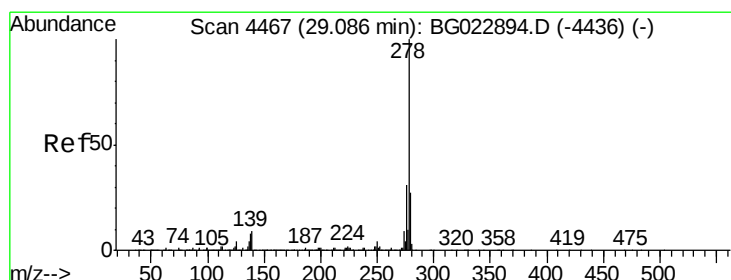
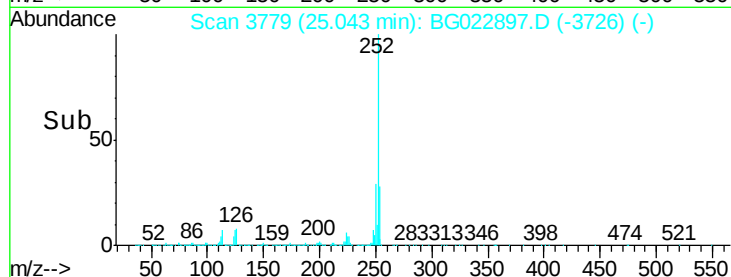
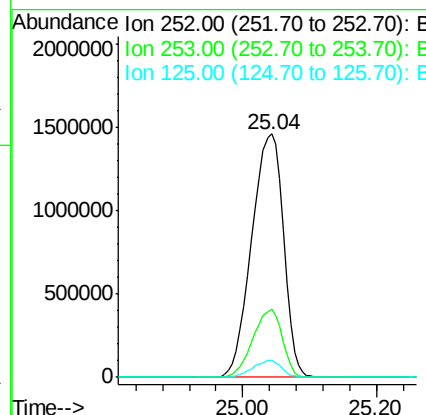
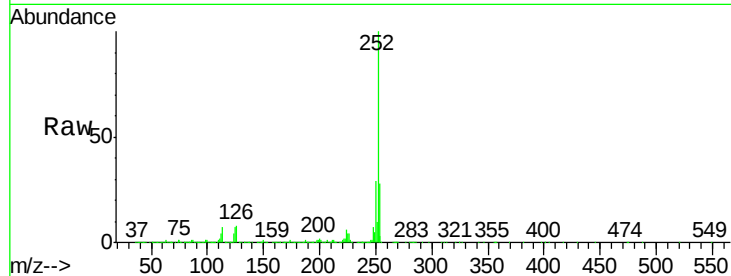




#89
Benzo(a)pyrene
Concen: 66.56 ng
RT: 25.04 min Scan# 3779
Delta R.T. 0.01 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

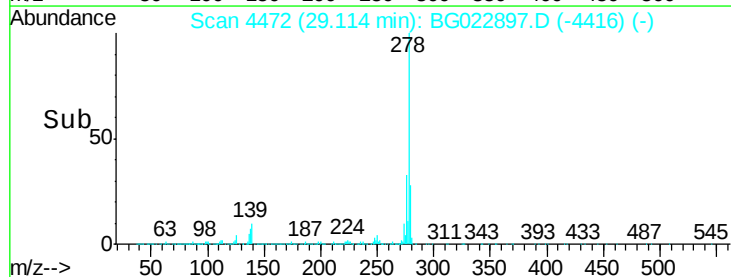
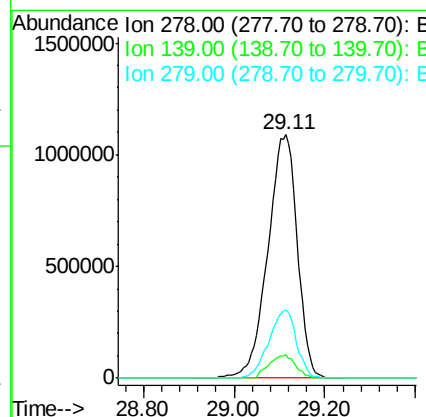
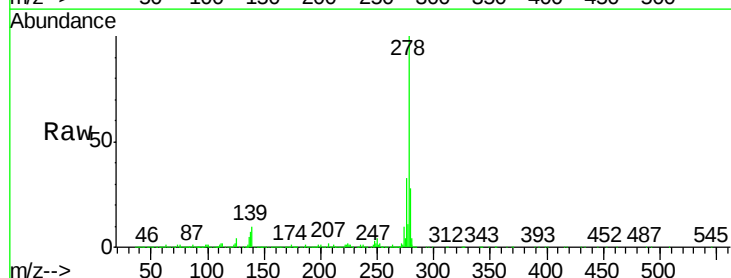
Instrument :
BNA_G
ClientSampleId :

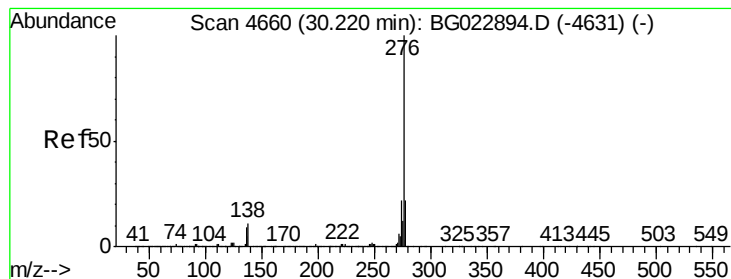
Tot Ion:252 Resp: 4788596
Ion Ratio Lower Upper
252 100
253 28.0 18.7 28.1
125 7.3 3.9 5.9#



#90
Dibenzo(a,h)anthracene
Concen: 72.89 ng
RT: 29.11 min Scan# 4472
Delta R.T. 0.03 min
Lab File: BG022897.D
Acq: 7 Jul 2016 15:53

Tgt Ion:278 Resp: 4937144
Ion Ratio Lower Upper
278 100
139 9.6 4.7 7.1#
279 28.2 18.3 27.5#





#91

Benzo(a,h,i)perylene

Concen: 73.30 ng

RT: 30.25 min Scan# 4666

Delta R.T. 0.03 min

Lab File: BG022897.D

Acq: 7 Jul 2016 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 5053441

Ion Ratio Lower Upper

276 100

277 26.1 18.6 27.8

138 11.4 6.8 10.2#

