

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024724.D
 Acq On : 7 Nov 2016 11:24
 Operator : UM/SJ
 Sample : H5524-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 15:06:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	81999	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	331734	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	264056	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	612547	20.00	ng	0.00
75) Chrysene-d12	21.92	240	857194	20.00	ng	0.00
86) Perylene-d12	25.35	264	902673	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	630274	125.98	ng	0.00
7) Phenol-d6	7.41	99	931552	135.74	ng	0.00
23) Nitrobenzene-d5	9.44	82	652273	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	557877	141.42	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1468494	92.43	ng	-0.01
78) Terphenyl-d14	20.20	244	2649071	92.34	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.67	93	754045	86.73	ng	# 56
8) 2-Chlorophenol	7.83	128	1130469	222.24	ng	96
9) Benzaldehyde	7.44	77	28318	6.68	ng	# 10
10) Phenol	7.44	94	2135877	301.92	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	754045	141.88	ng	90
12) 1,3-Dichlorobenzene	8.15	146	1057426	167.92	ng	97
13) 1,4-Dichlorobenzene	8.30	146	725036	116.57	ng	98
14) 1,2-Dichlorobenzene	8.62	146	749449	125.32	ng	96
18) Hexachloroethane	9.35	117	130692	54.66	ng	94
24) Nitrobenzene	9.48	77	931553	114.93	ng	97
25) Isophorone	10.01	82	3173916	234.19	ng	# 93
26) 2-Nitrophenol	10.01	139	57080	18.97	ng	# 48
29) 2,4-Dichlorophenol	10.73	162	834973	151.04	ng	95
30) 1,2,4-Trichlorobenzene	10.95	180	753264	114.87	ng	98
31) Naphthalene	11.15	128	1880128	113.62	ng	98
33) 4-Chloroaniline	11.14	127	268733	37.40	ng	# 20
34) Hexachlorobutadiene	11.41	225	784682	152.89	ng	98
37) 2-Methylnaphthalene	12.73	142	1203021	99.64	ng	96
48) Acenaphthylene	14.61	152	2359242	110.26	ng	98
49) Dimethylphthalate	14.32	163	58506	3.12	ng	# 94
51) Acenaphthene	14.95	154	1175870	73.72	ng	99
55) 4-Nitrophenol	15.08	139	392745	108.86	ng	# 87
57) Fluorene	15.92	166	1672128	91.44	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	2204157	214.80	ng	94
61) 4-Nitroaniline	15.92	138	35616	7.87	ng	# 24
65) n-Nitrosodiphenylamine	15.91	169	268939	16.06	ng	88
67) Hexachlorobenzene	16.92	284	464746	56.56	ng	# 87
70) Phenanthrene	17.76	178	3465269	110.99	ng	92
71) Anthracene	17.76	178	3465269	110.01	ng	# 89
74) Fluoranthene	19.67	202	4162276	105.46	ng	88
77) Pyrene	20.02	202	3357276	80.12	ng	# 90
80) Benzo(a)anthracene	21.90	228	1598583	33.95	ng	96
82) Chrysene	21.97	228	2475756	55.20	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	4063404	162.60	ng	# 73

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Quant Time: Nov 07 15:06:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

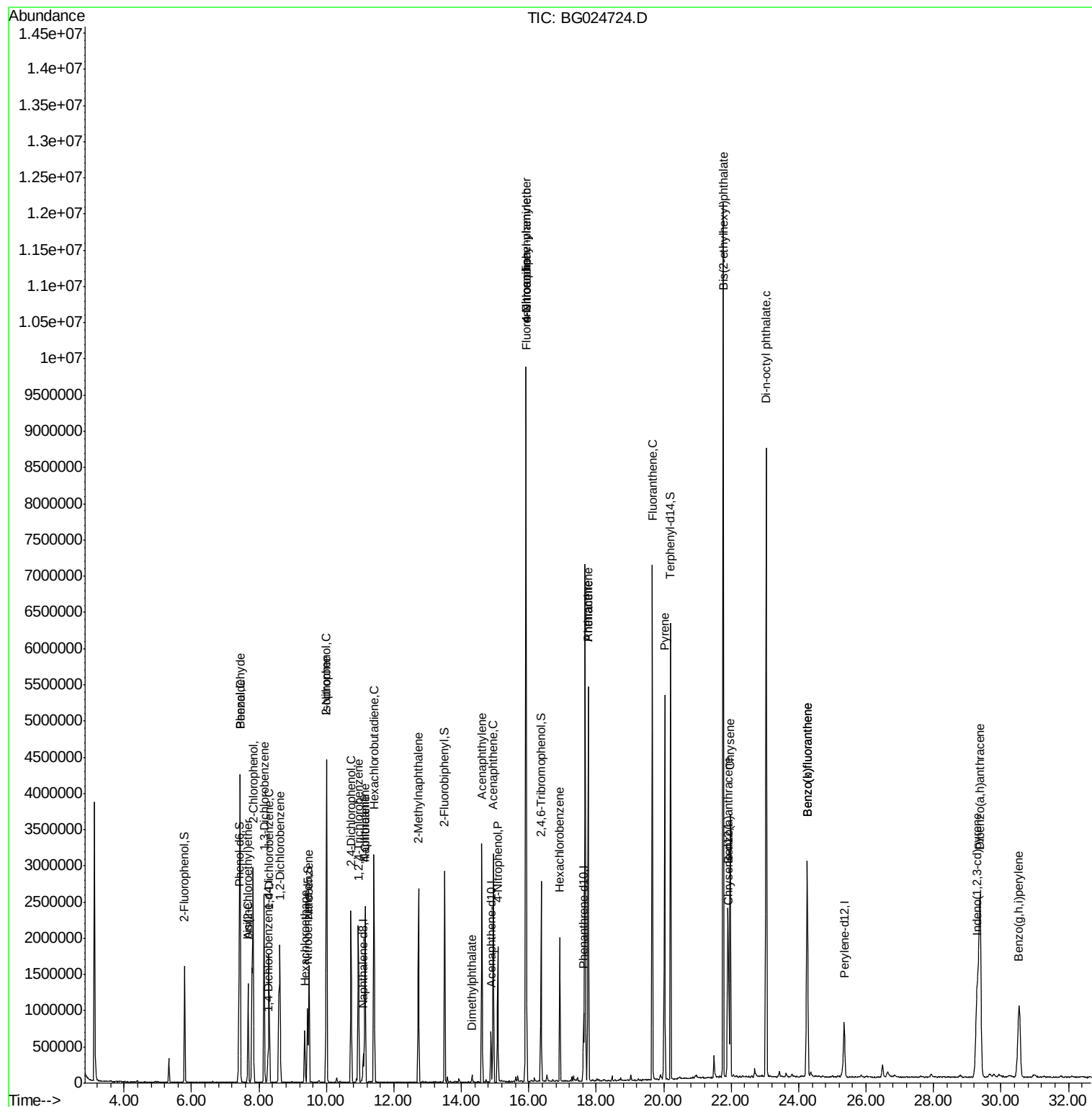
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	23.04	149	6158927	148.51	ng	# 95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3853206	62.24	ng	# 88
87) Benzo(b)fluoranthene	24.25	252	3260515	66.82	ng	97
88) Benzo(k)fluoranthene	24.25	252	3260515	69.20	ng	100
90) Dibenzo(a,h)anthracene	29.38	278	4694401	89.71	ng	96
91) Benzo(a,h,i)perylene	30.54	276	2318517	44.35	ng	97

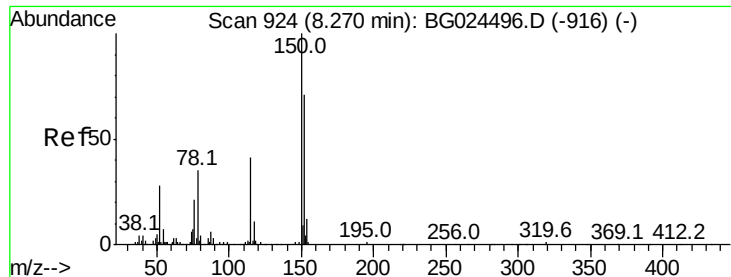
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

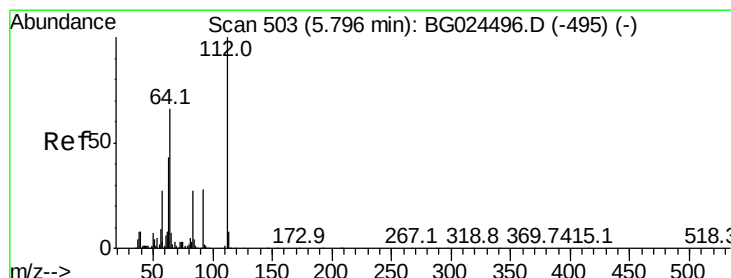
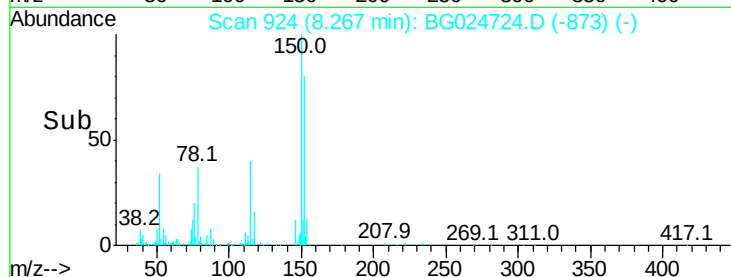
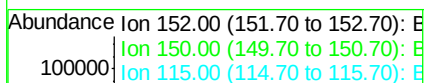
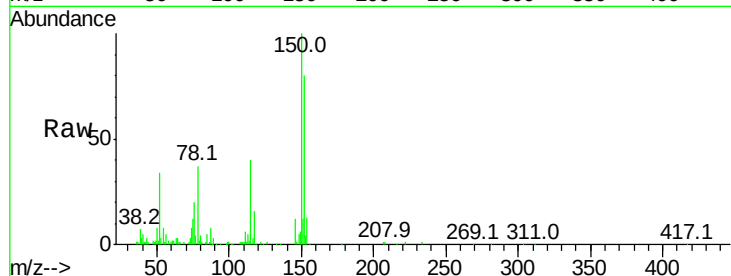
Tot Ion:152 Resp: 81999

Ion Ratio Lower Upper

152 100

150 125.1 114.0 171.0

115 49.8 48.1 72.1



#5

2-Fluorophenol

Concen: 125.98 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

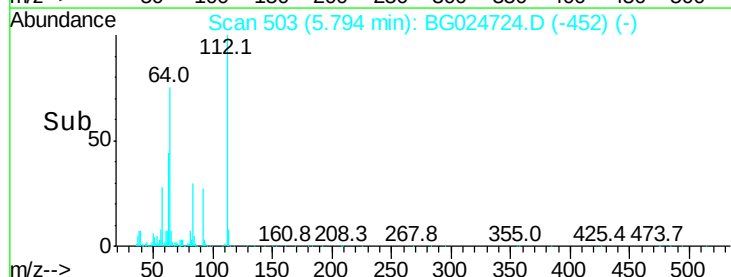
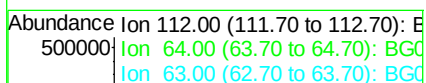
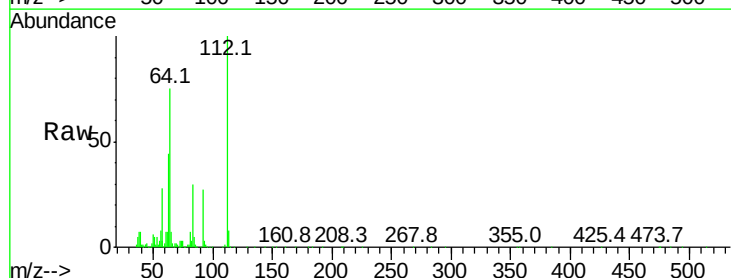
Tgt Ion:112 Resp: 630274

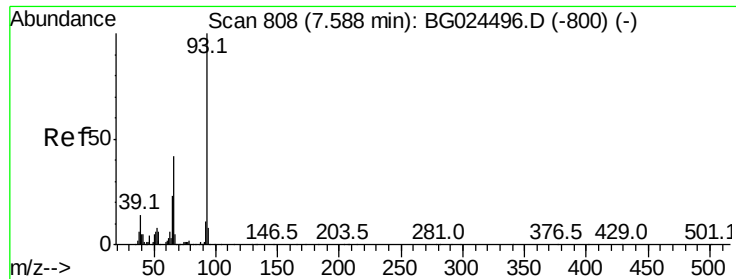
Ion Ratio Lower Upper

112 100

64 74.9 61.8 92.6

63 43.6 37.2 55.8





#6

Aniline

Concen: 86.73 ng

RT: 7.67 min Scan# 823

Delta R.T. 0.09 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

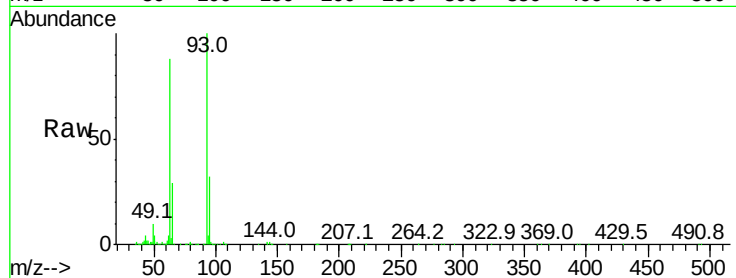
Tot Ion: 93 Resp: 754045

Ion Ratio Lower Upper

93 100

66 0.5 35.4 53.2#

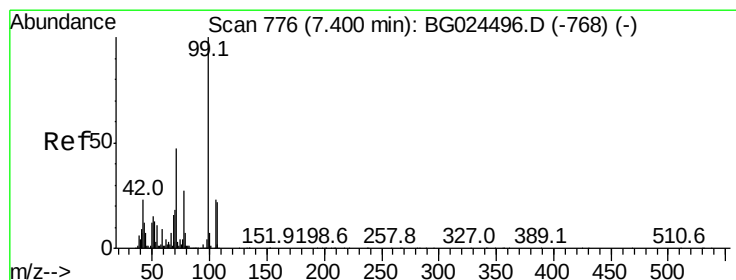
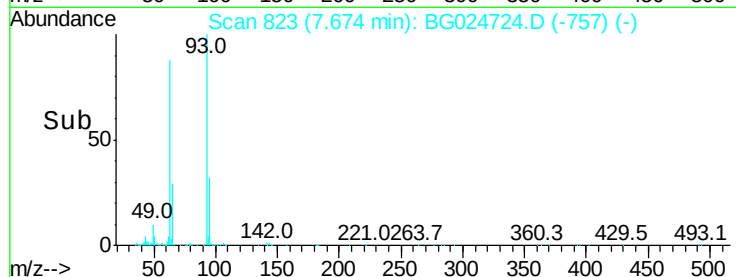
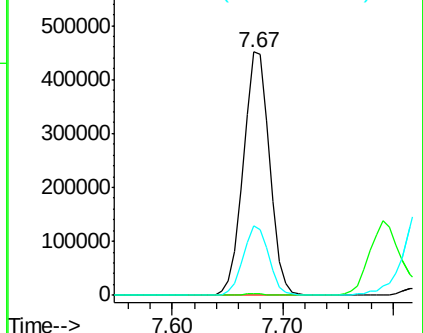
65 28.5 21.2 31.8



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: 135.74 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

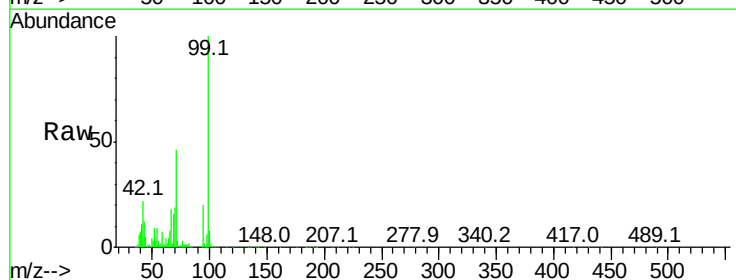
Tgt Ion: 99 Resp: 931552

Ion Ratio Lower Upper

99 100

42 21.9 20.5 30.7

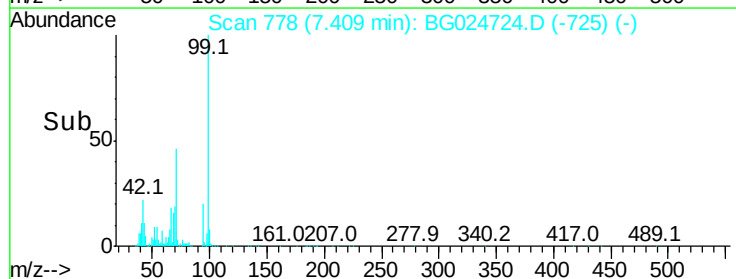
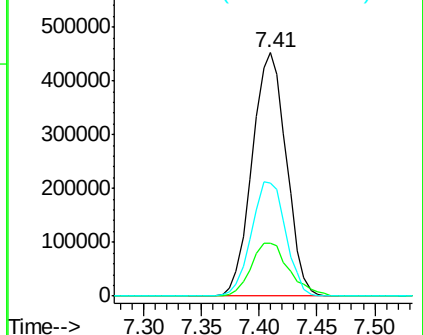
71 46.4 37.6 56.4

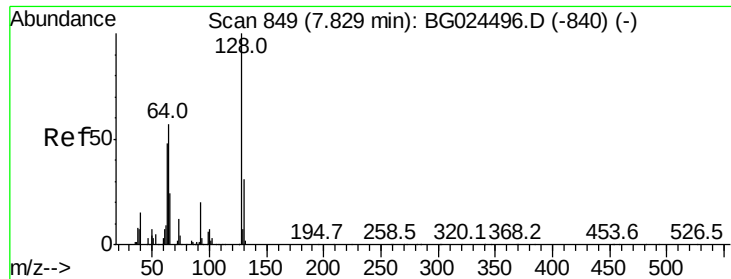


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 222.24 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

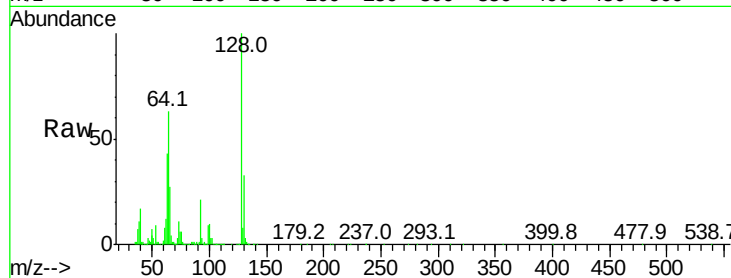
Tot Ion:128 Resp: 1130469

Ion Ratio Lower Upper

128 100

130 33.2 11.4 51.4

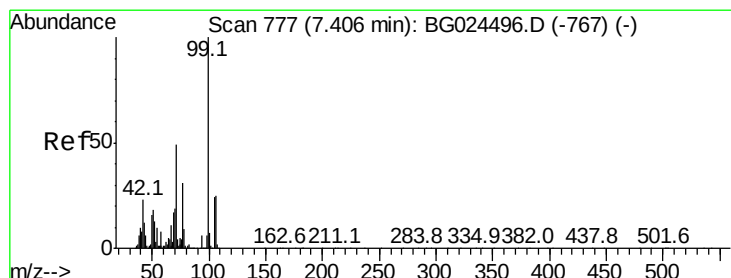
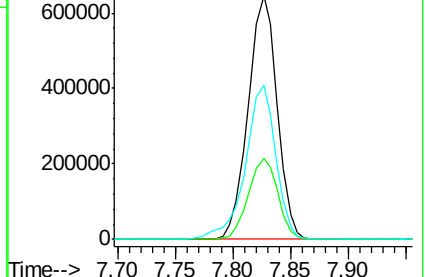
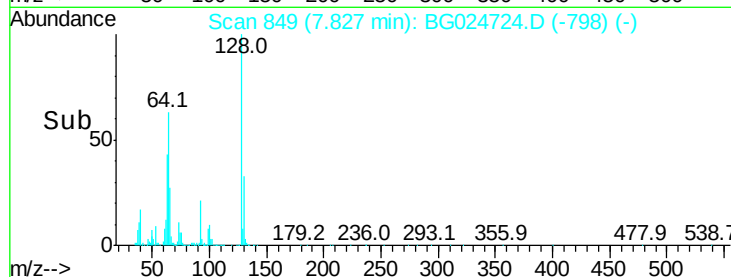
64 63.1 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 6.68 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.03 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

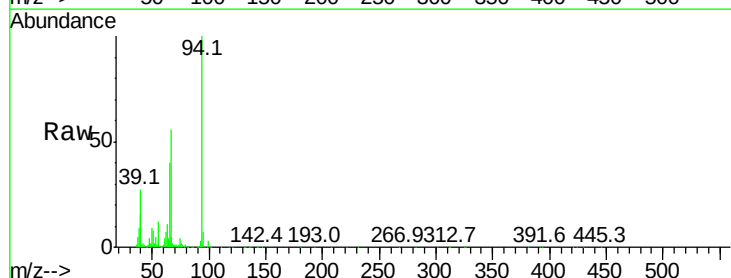
Tgt Ion: 77 Resp: 28318

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

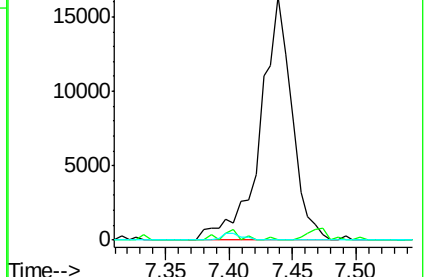
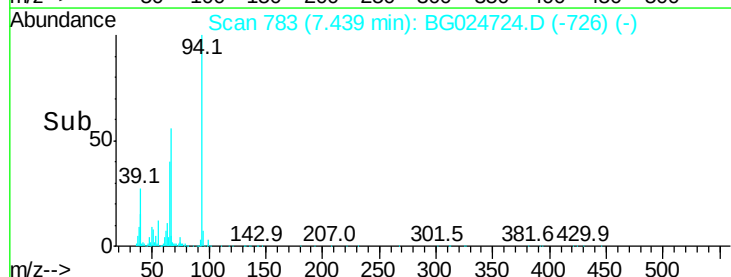
106 0.0 55.1 95.1#

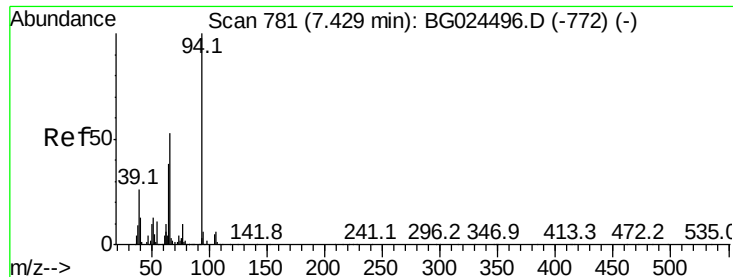


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 301.92 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

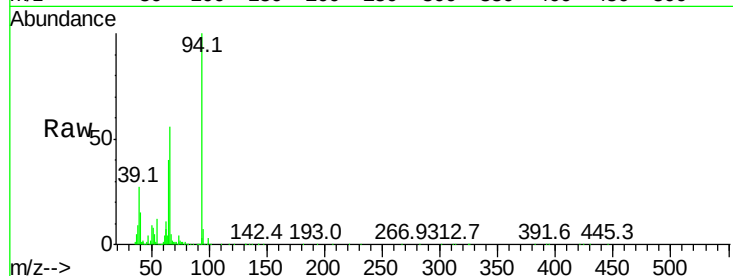
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 2135877

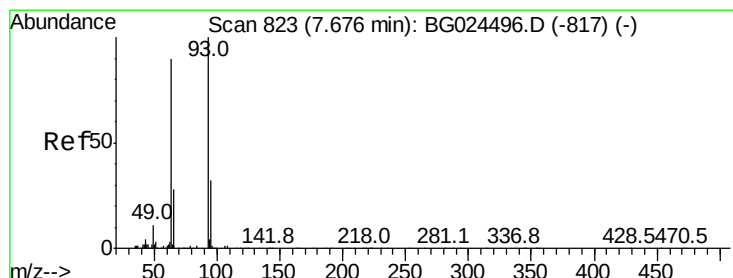
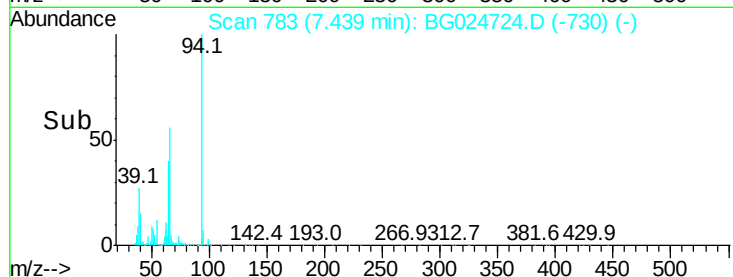
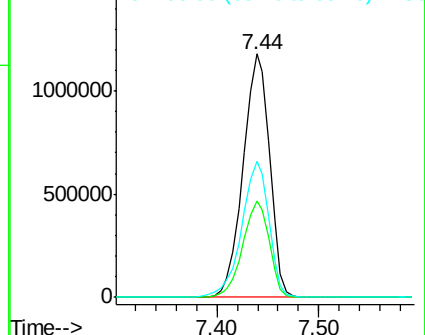
Ion	Ratio	Lower	Upper
94	100		
65	39.6	20.6	60.6
66	55.8	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 141.88 ng

RT: 7.67 min Scan# 823

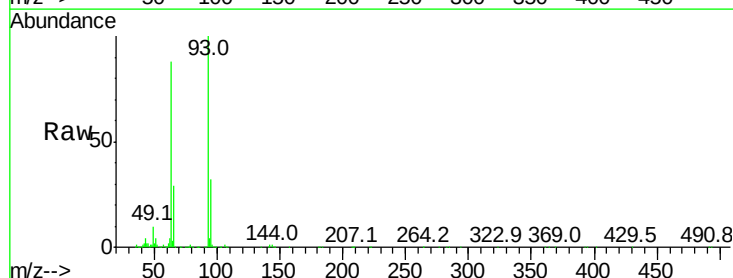
Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion: 93 Resp: 754045

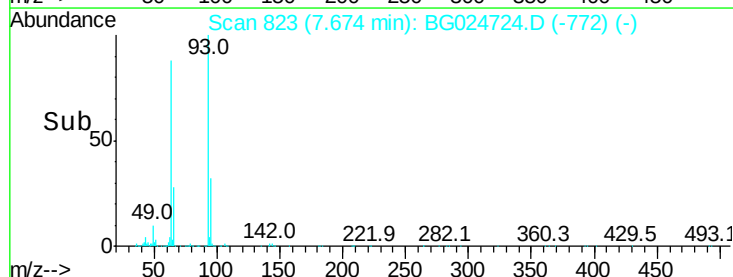
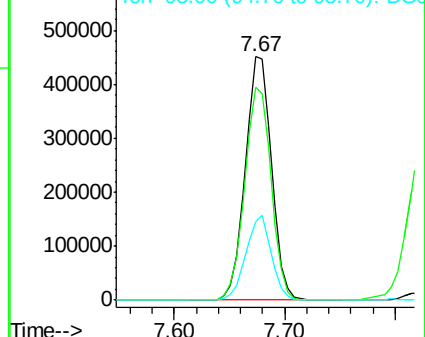
Ion	Ratio	Lower	Upper
93	100		
63	87.6	78.5	118.5
95	32.3	9.8	49.8

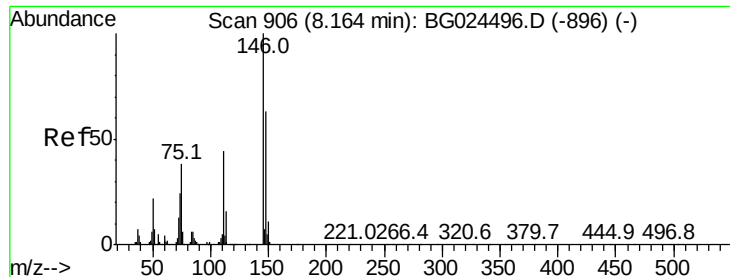


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 167.92 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

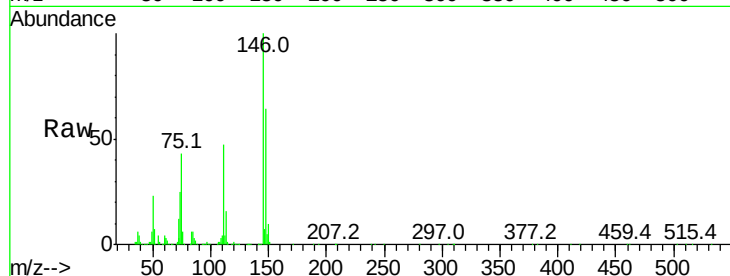
Tot Ion:146 Resp: 1057426

Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

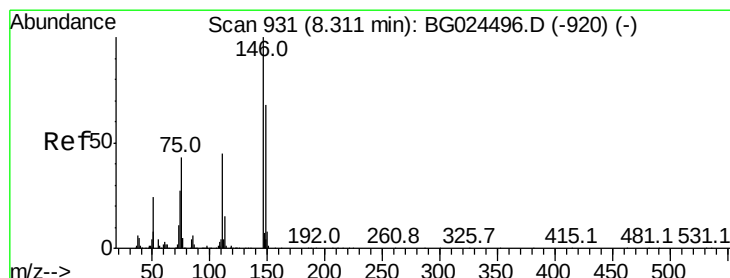
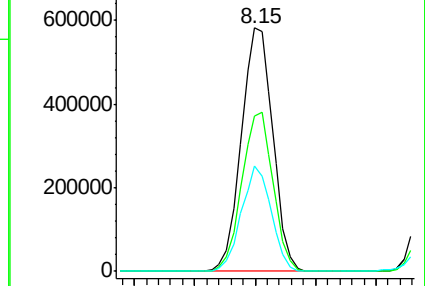
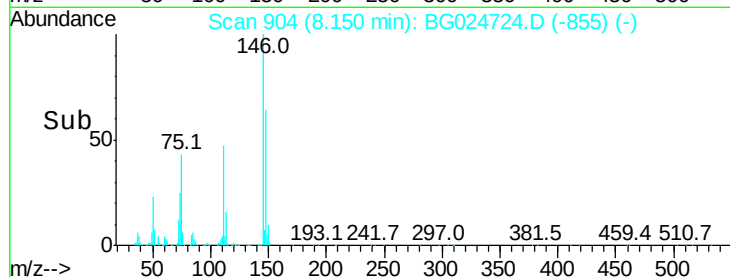
75 43.3 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 116.57 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

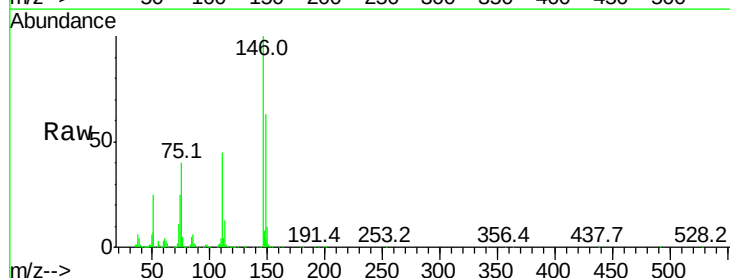
Tgt Ion:146 Resp: 725036

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

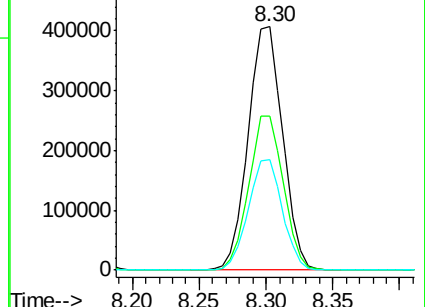
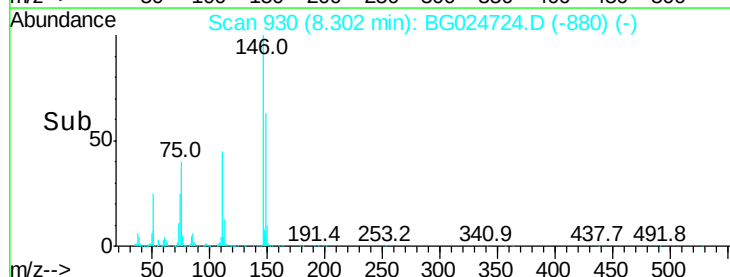
111 45.2 37.0 55.6

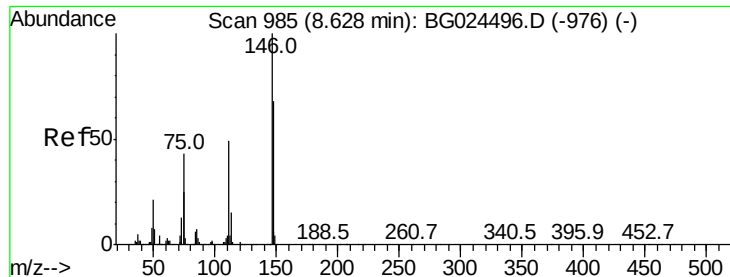


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

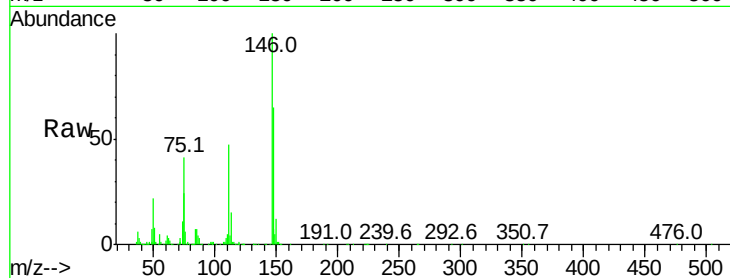




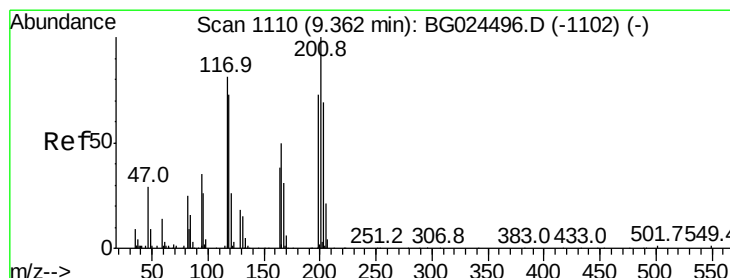
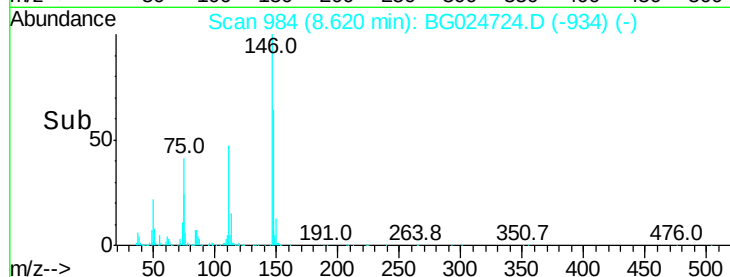
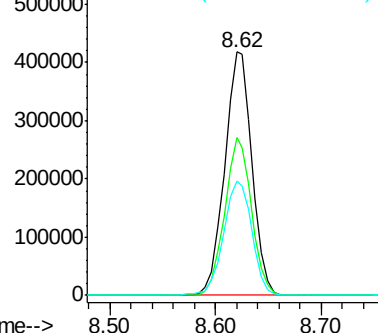
#14
1,2-Dichlorobenzene
Concen: 125.32 ng
RT: 8.62 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.6	81.8
111	46.8	39.7	59.5

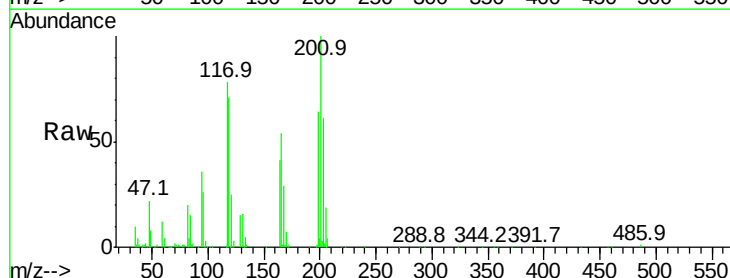


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

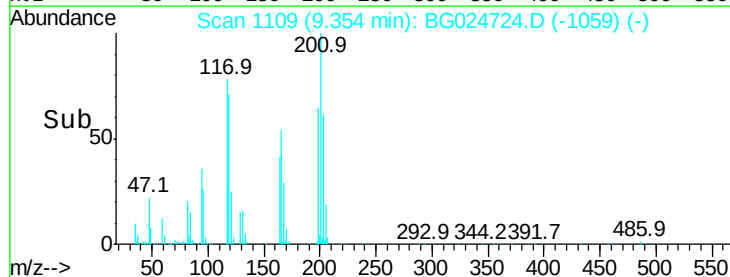
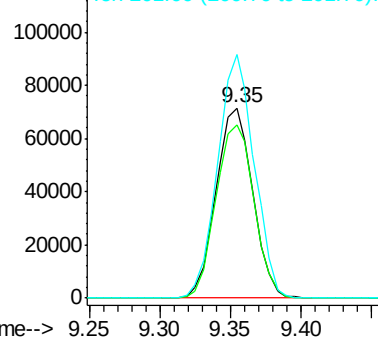


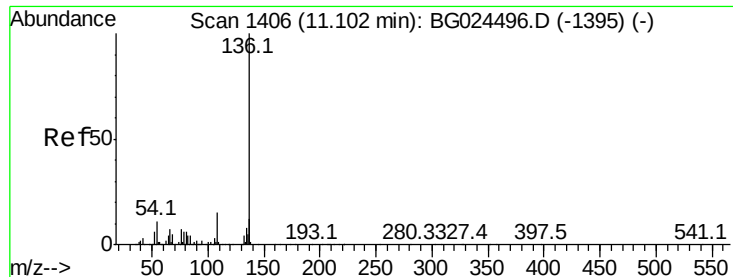
#18
Hexachloroethane
Concen: 54.66 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	69.8	104.6
201	128.0	95.4	143.0



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

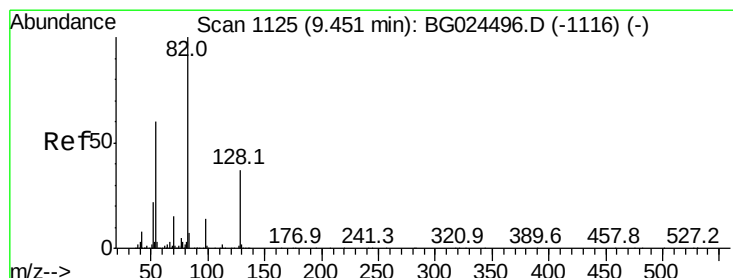
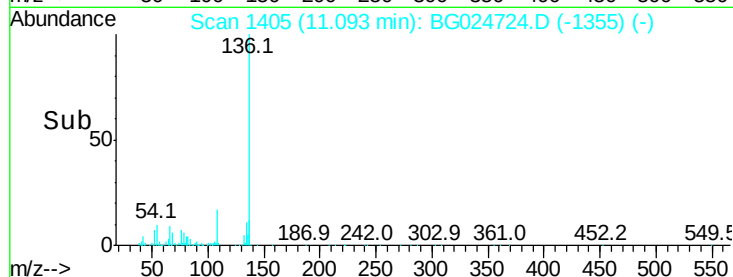
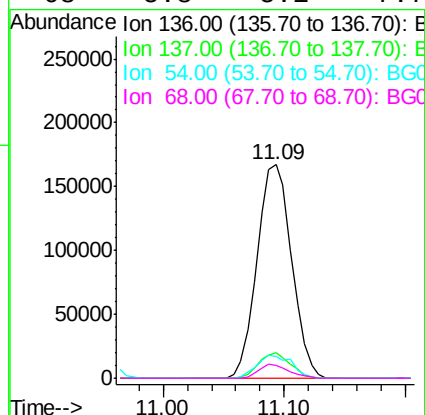
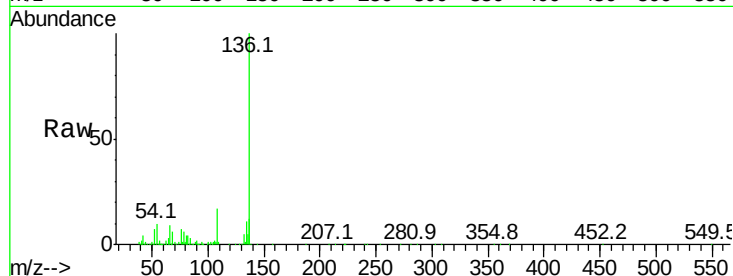




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

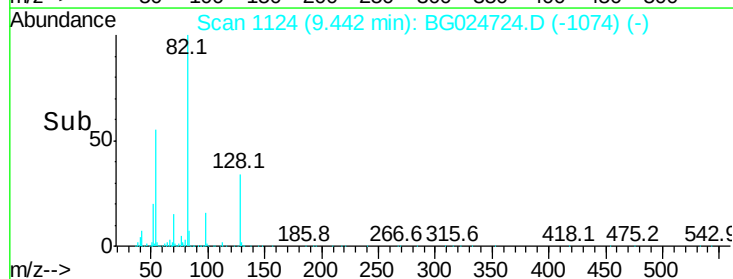
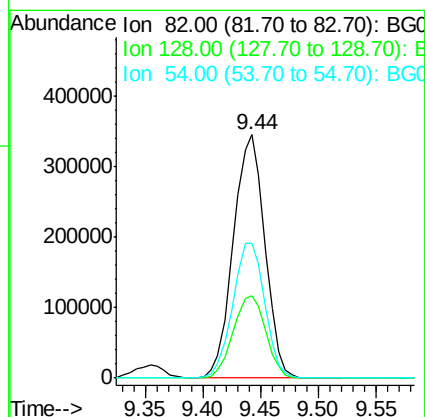
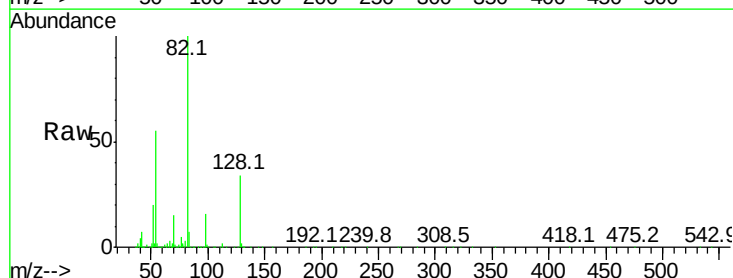
Instrument :
BNA_G
ClientSampled :

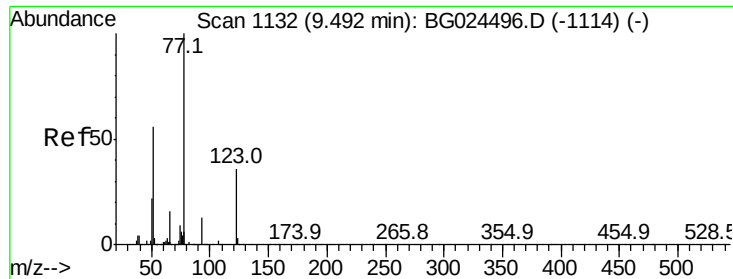
Tot Ion:136	Resp:	331734
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.9 13.3
54	10.4	9.3 13.9
68	5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion: 82	Resp:	652273
Ion	Ratio	Lower Upper
82	100	
128	33.8	26.4 39.6
54	55.4	49.4 74.2

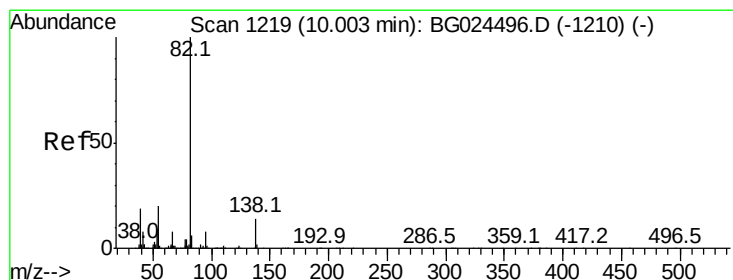
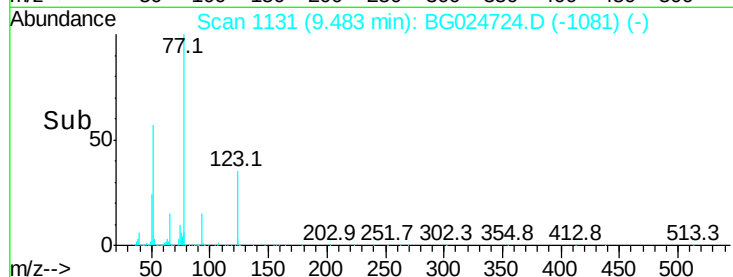
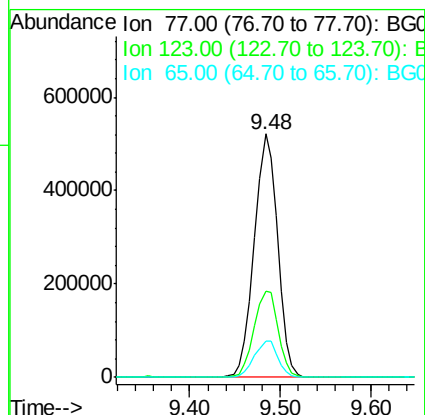
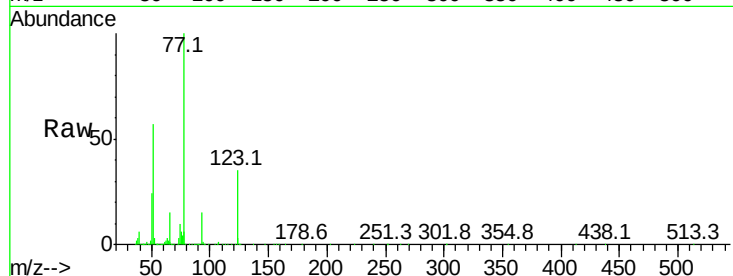




#24
Nitrobenzene
Concen: 114.93 ng
RT: 9.48 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

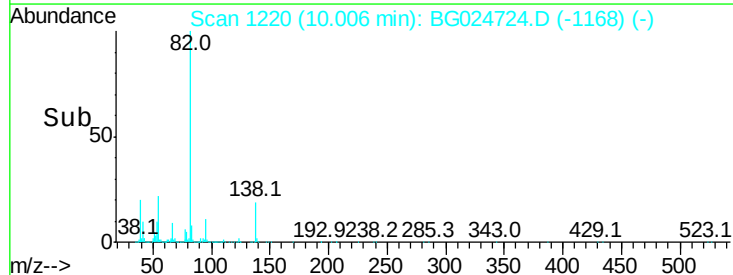
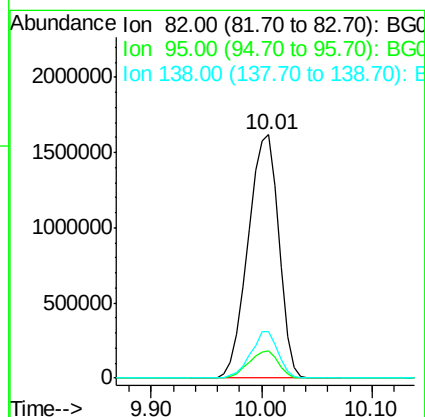
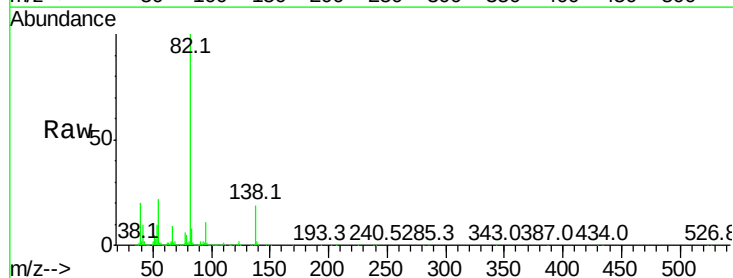
Instrument :
BNA_G
ClientSampleId :

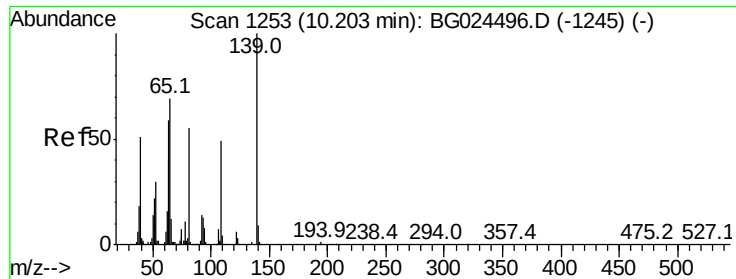
Tot Ion: 77 Resp: 931553
Ion Ratio Lower Upper
77 100
123 35.2 26.1 39.1
65 15.1 12.4 18.6



#25
Isophorone
Concen: 234.19 ng
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion: 82 Resp: 3173916
Ion Ratio Lower Upper
82 100
95 11.2 7.5 11.3
138 18.9 12.3 18.5#

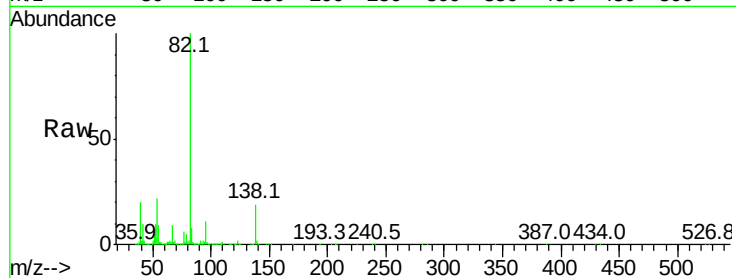




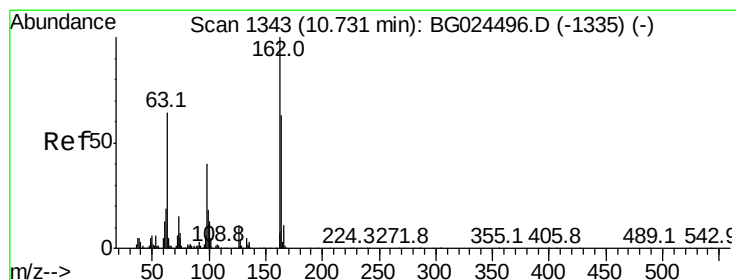
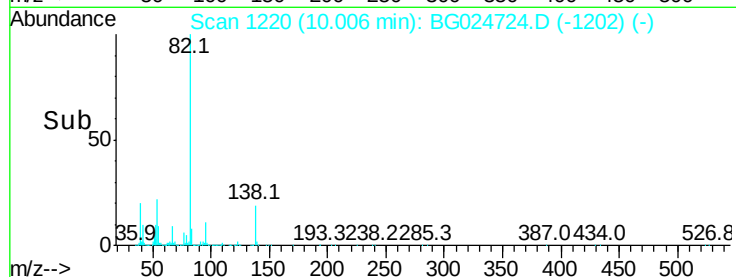
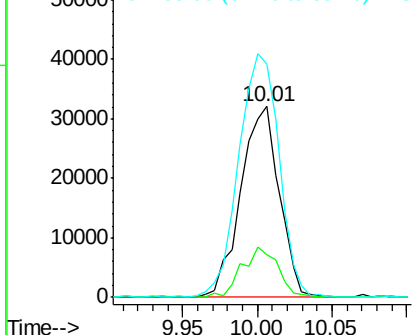
#26
2-Nitrophenol
Concen: 18.97 ng
RT: 10.01 min Scan# 1220
Delta R.T. -0.20 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 57080
Ion Ratio Lower Upper
139 100
109 22.6 38.6 58.0#
65 122.7 57.1 85.7#

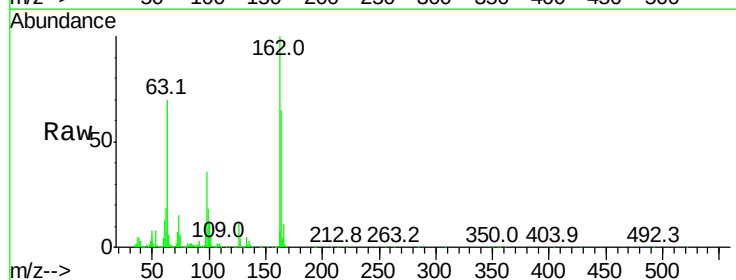


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

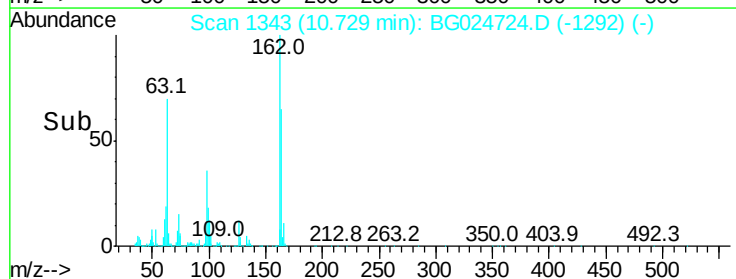
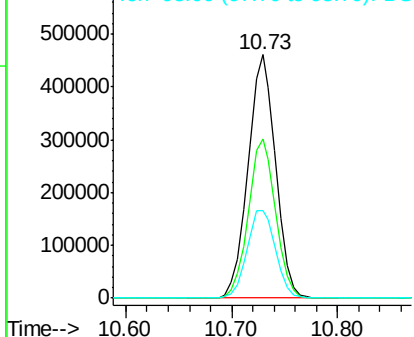


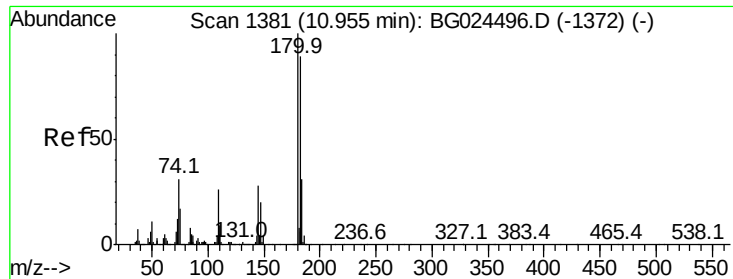
#29
2,4-Dichlorophenol
Concen: 151.04 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion:162 Resp: 834973
Ion Ratio Lower Upper
162 100
164 65.4 42.4 82.4
98 35.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

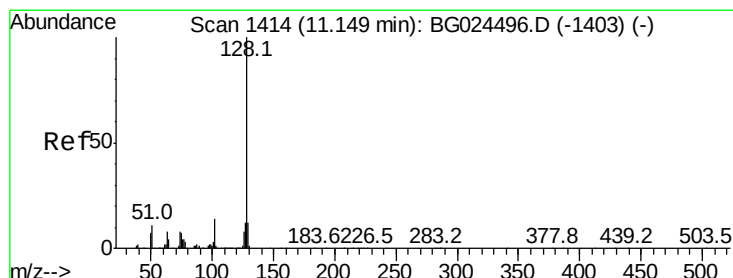
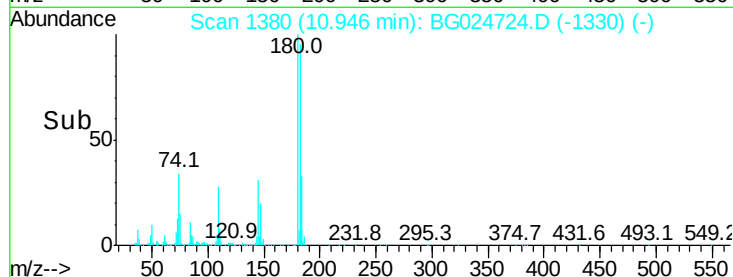
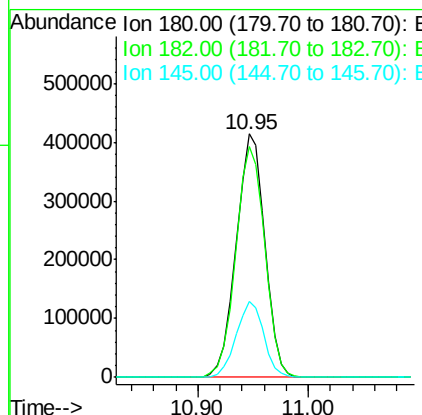
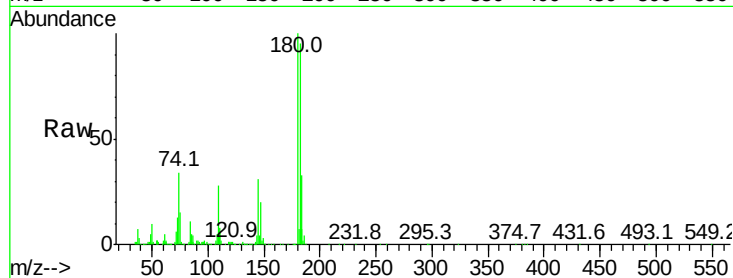




#30
 1,2,4-Trichlorobenzene
 Concen: 114.87 ng
 RT: 10.95 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

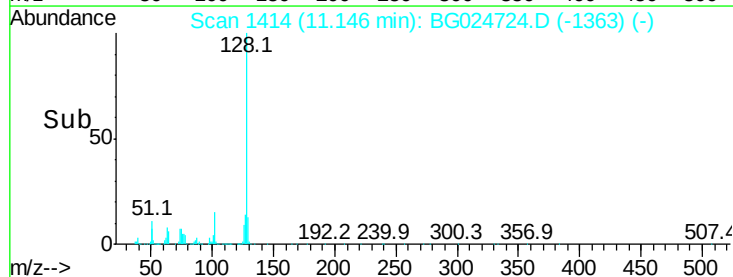
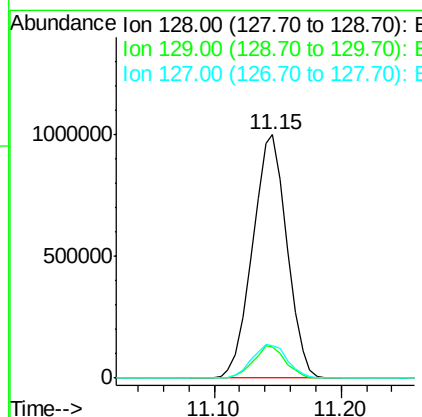
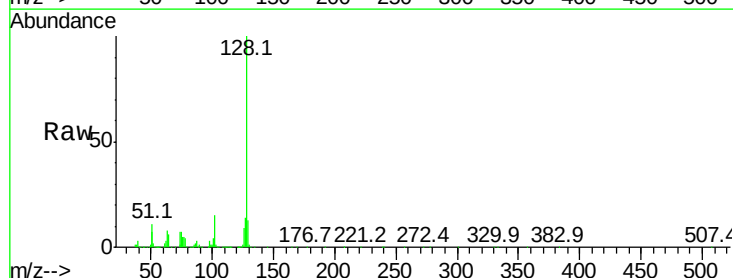
Instrument :
 BNA_G
 ClientSampled :

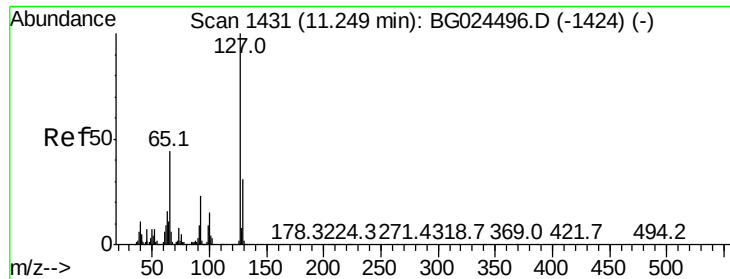
Tot Ion:180 Resp: 753264
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.4
 145 31.1 23.4 35.0



#31
 Naphthalene
 Concen: 113.62 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Tgt Ion:128 Resp: 1880128
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.3 13.9
 127 13.5 11.4 17.0

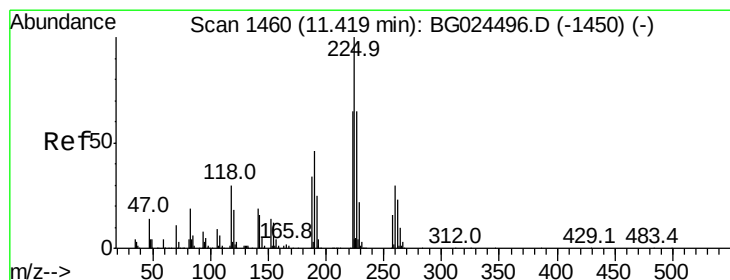
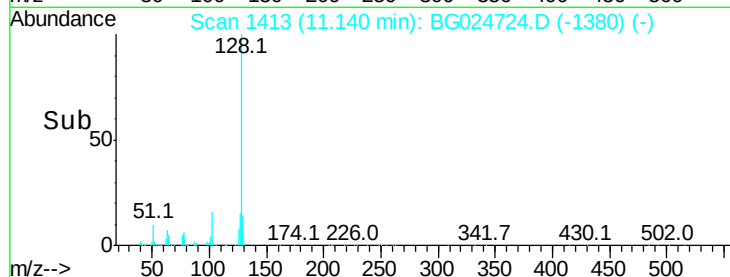
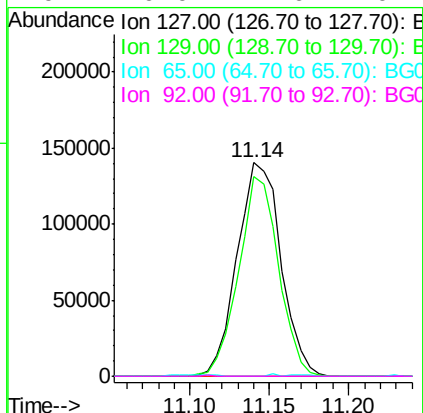
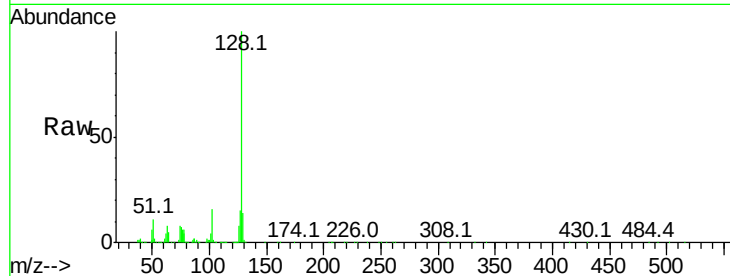




#33
4-Chloroaniline
Concen: 37.40 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.11 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

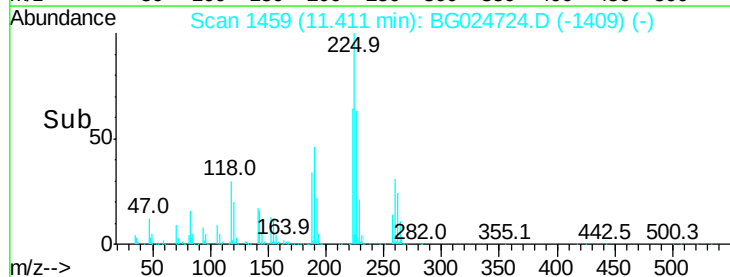
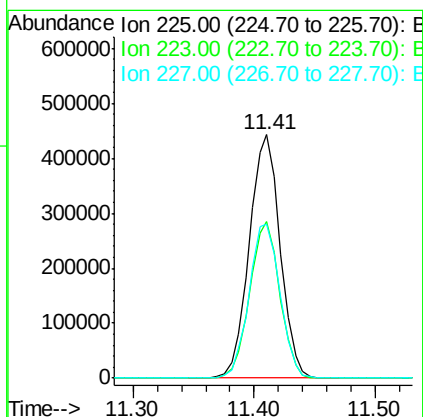
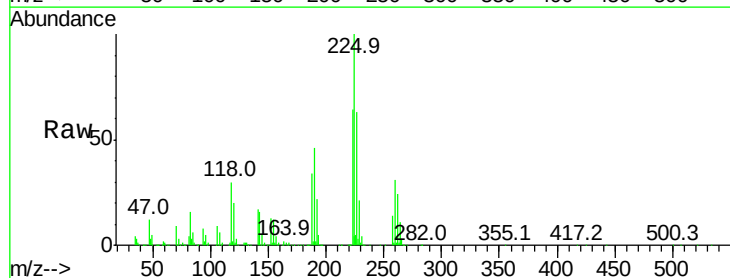
Instrument :
BNA_G
ClientSampleId :

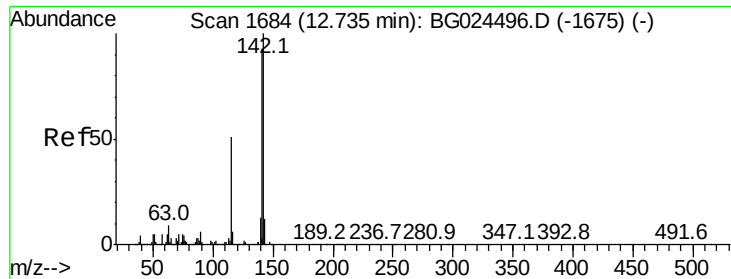
Tot Ion:	127	Resp:	268733
Ion	Ratio	Lower	Upper
127	100		
129	93.6	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 152.89 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion:	225	Resp:	784682
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	63.4	49.0	73.6



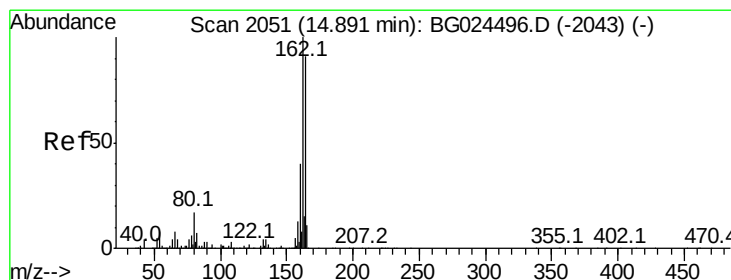
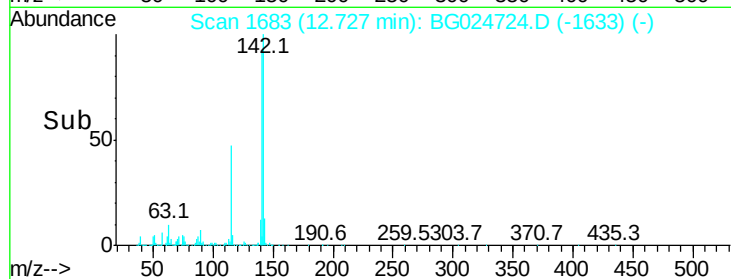
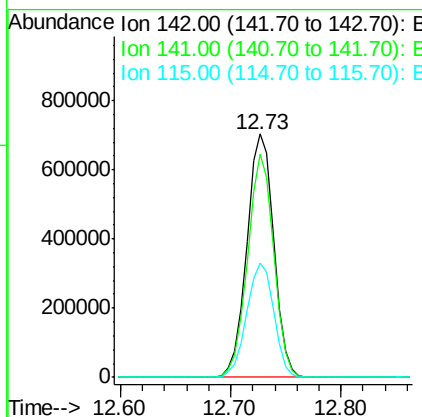
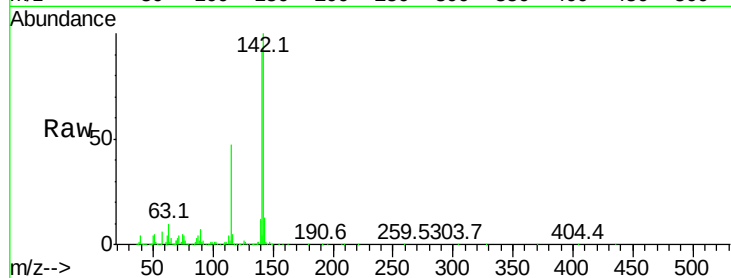


#37
 2-Methylnaphthalene
 Concen: 99.64 ng
 RT: 12.73 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 1203021

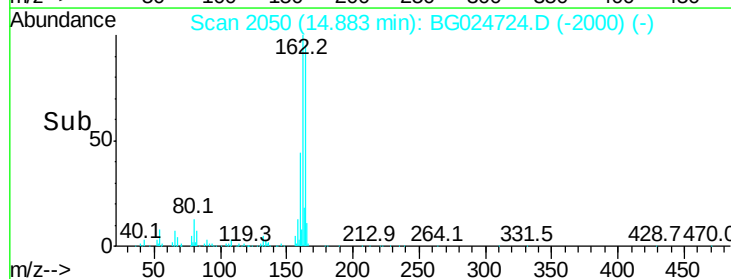
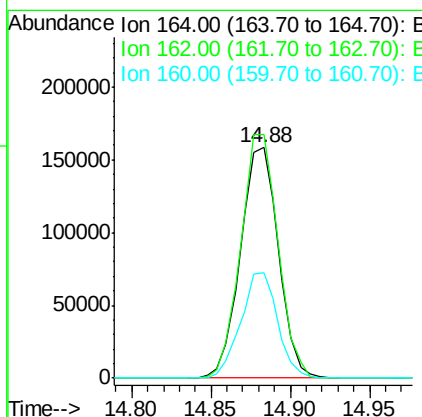
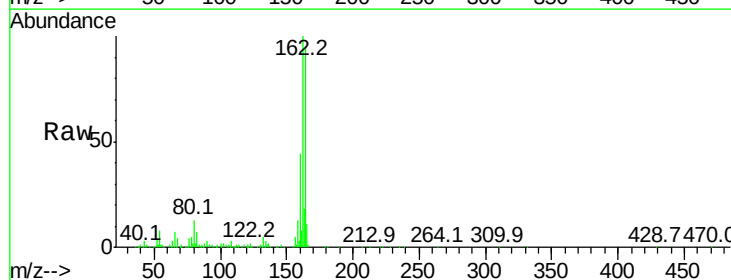
Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	47.0	35.5	53.3

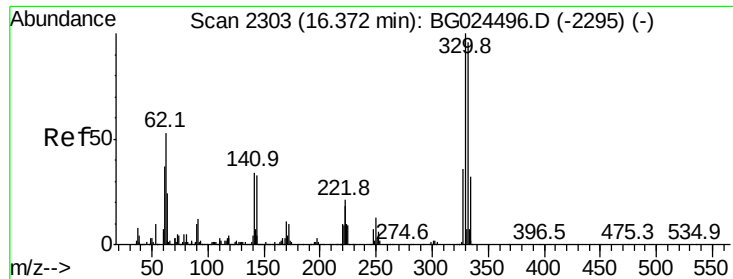


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Tgt Ion:164 Resp: 264056

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	45.8	34.7	52.1

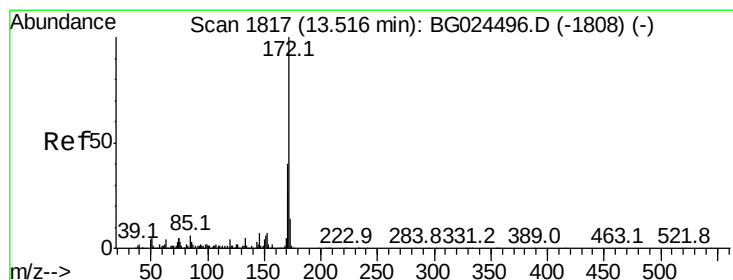
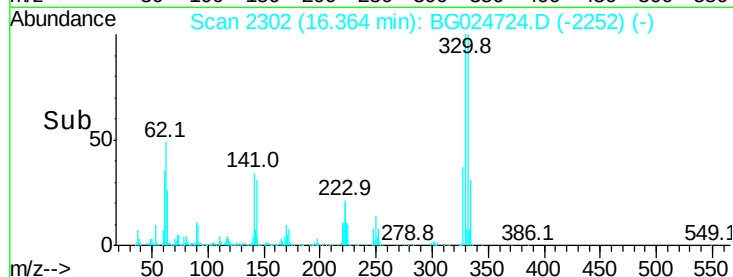
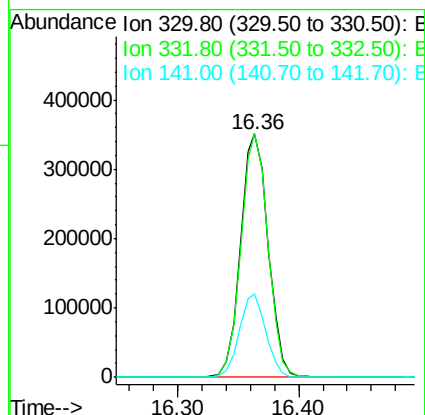
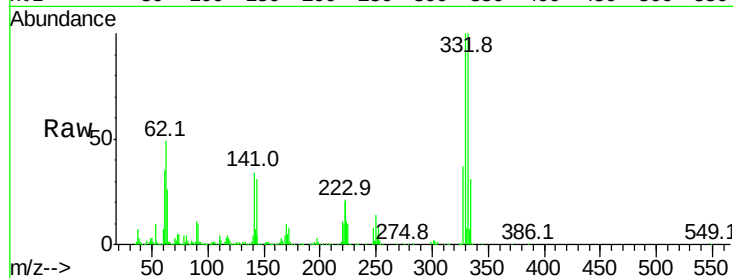




#41
 2,4,6-Tribromophenol
 Concen: 141.42 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

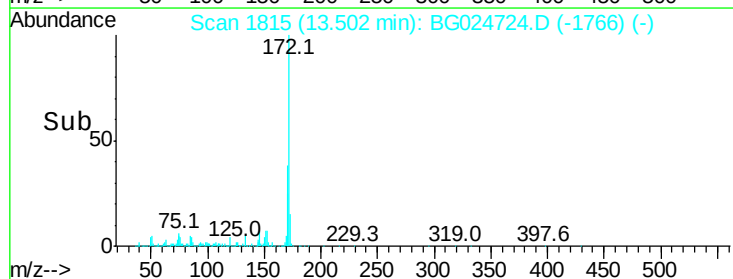
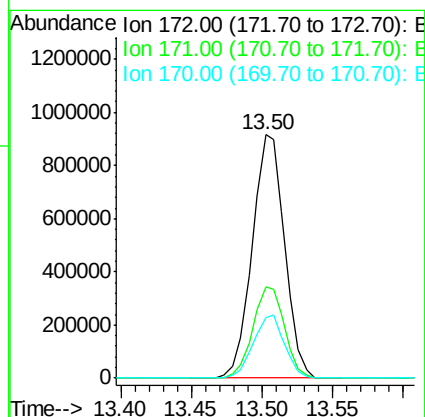
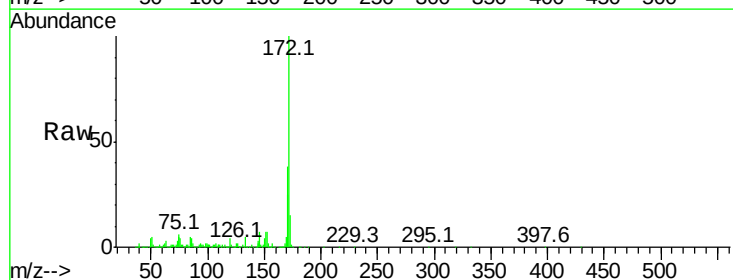
Instrument :
 BNA_G
 ClientSampleId :

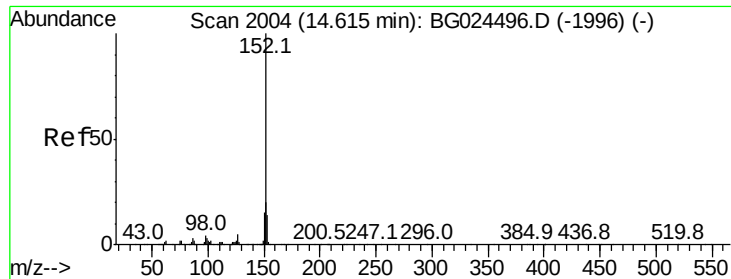
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	33.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.7	21.8	32.6





#48

Acenaphthylene

Concen: 110.26 ng

RT: 14.61 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

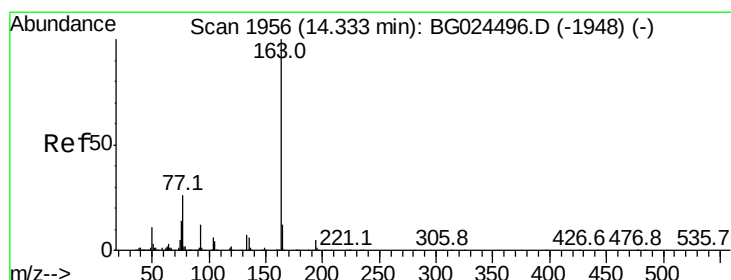
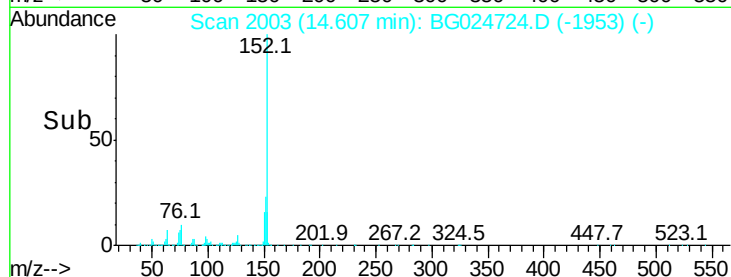
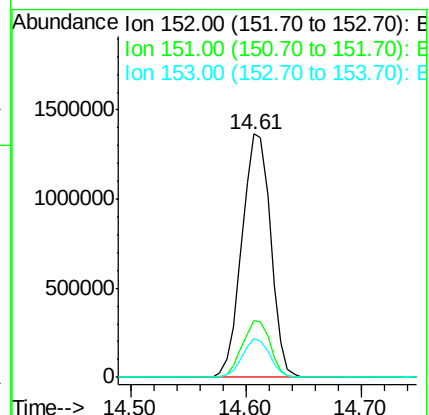
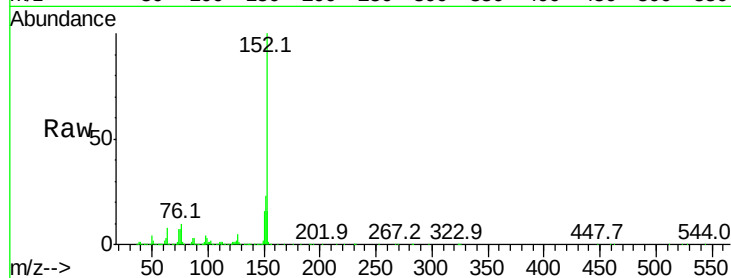
Tot Ion:152 Resp: 2359242

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.2	27.2
153	15.9	11.3	16.9

152 100

151 23.2 18.2 27.2

153 15.9 11.3 16.9



#49

Dimethylphthalate

Concen: 3.12 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

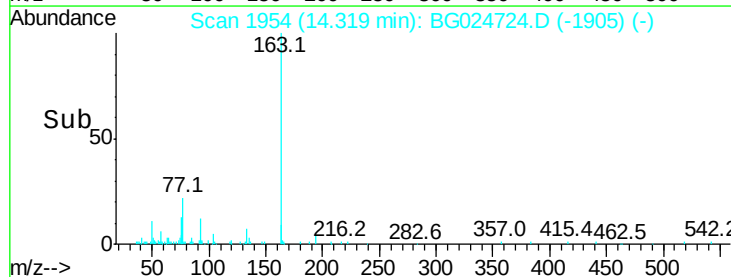
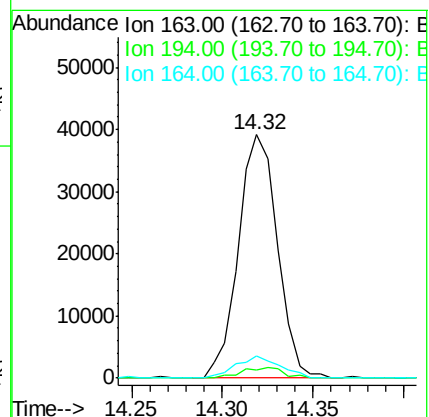
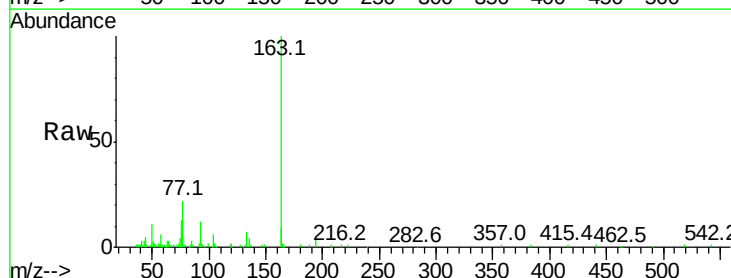
Tgt Ion:163 Resp: 58506

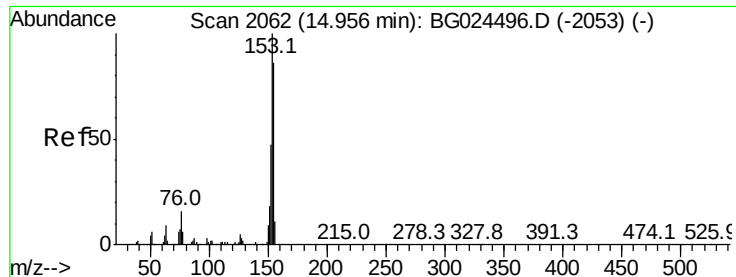
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.8	5.6#
164	8.9	9.3	13.9#

163 100

194 3.6 3.8 5.6#

164 8.9 9.3 13.9#





#51

Acenaphthene

Concen: 73.72 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

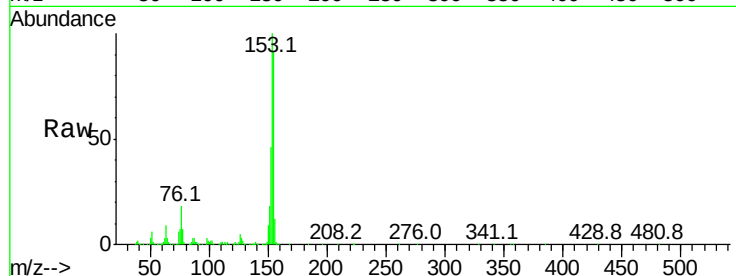
Tot Ion:154 Resp: 1175870

Ion Ratio Lower Upper

154 100

153 109.6 87.8 131.6

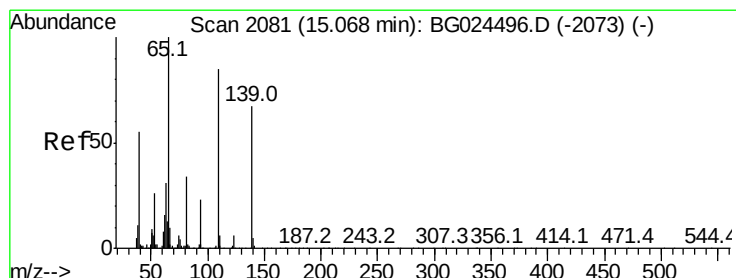
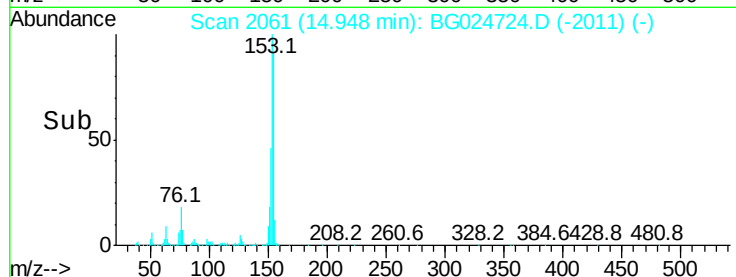
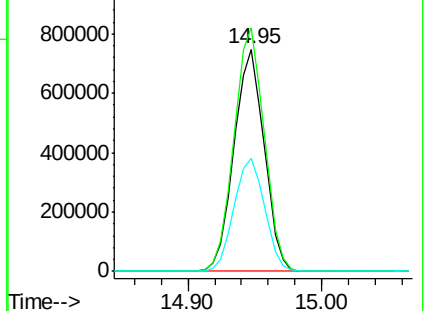
152 50.9 42.2 63.4



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



#55

4-Nitrophenol

Concen: 108.86 ng

RT: 15.08 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

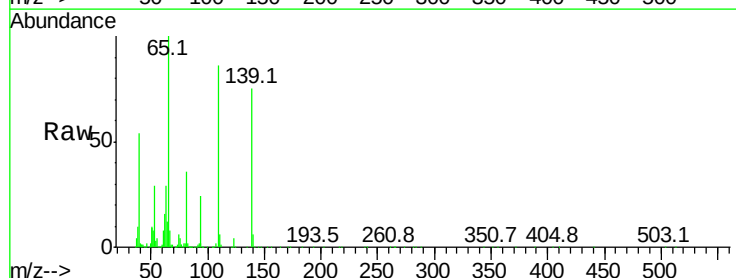
Tgt Ion:139 Resp: 392745

Ion Ratio Lower Upper

139 100

109 113.9 101.2 141.2

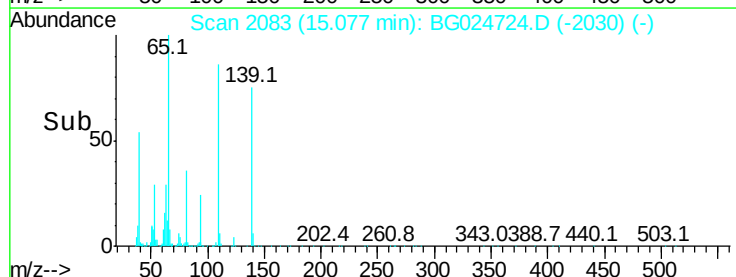
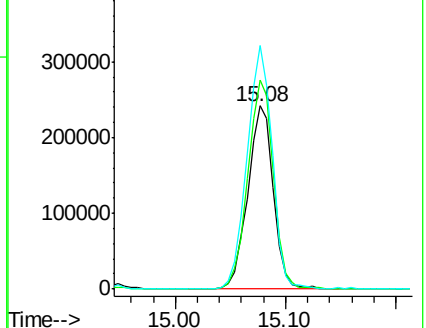
65 132.8 135.3 175.3#

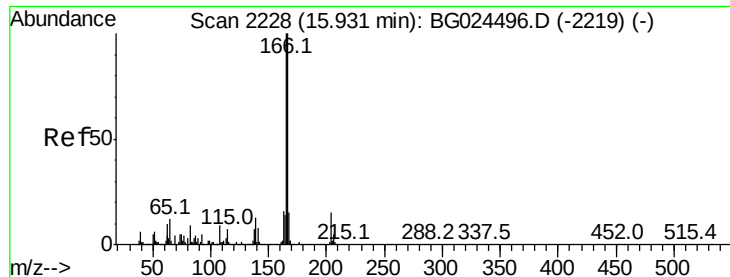


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

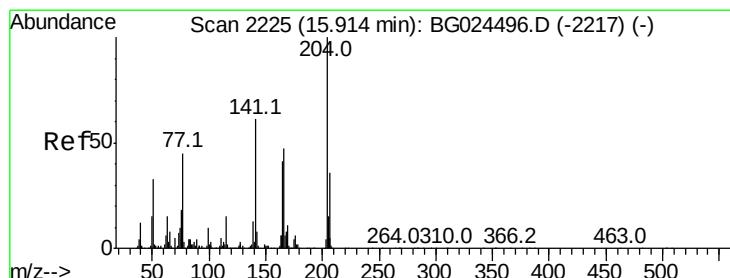
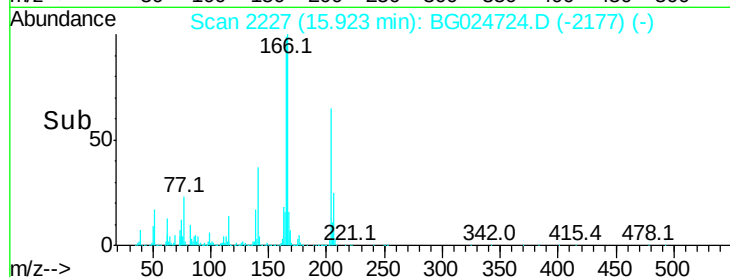
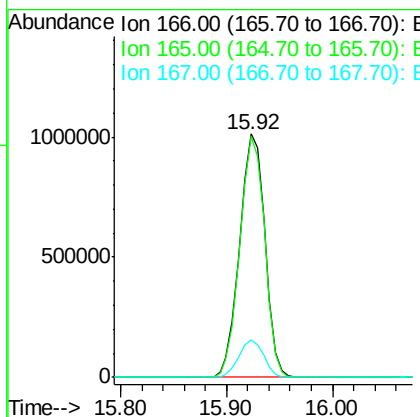
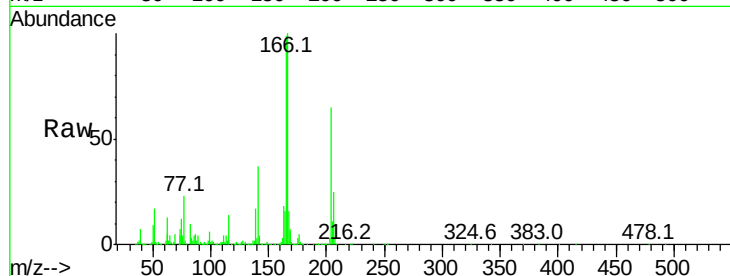




#57
 Fluorene
 Concen: 91.44 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

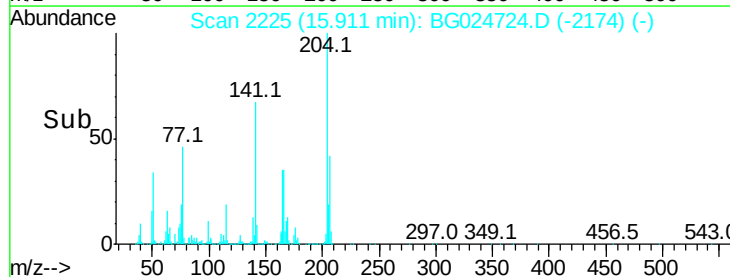
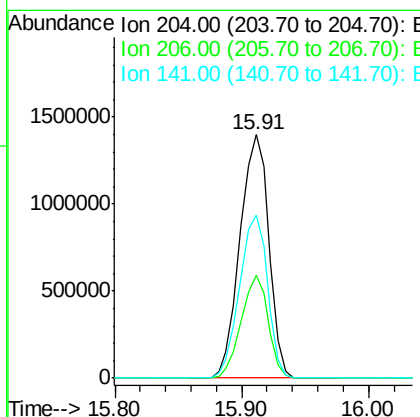
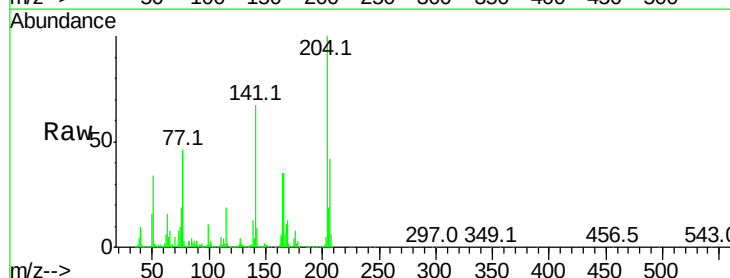
Instrument :
 BNA_G
 ClientSampleId :

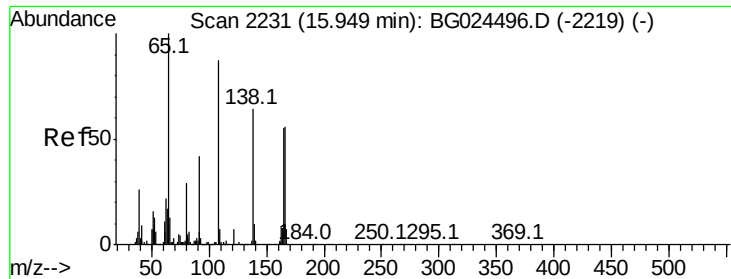
Tot Ion:166 Resp: 1672128
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 15.6 11.6 17.4



#60
 4-Chlorophenyl-phenylether
 Concen: 214.80 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Tgt Ion:204 Resp: 2204157
 Ion Ratio Lower Upper
 204 100
 206 42.5 30.1 45.1
 141 66.9 50.6 76.0





#61

4-Nitroaniline

Concen: 7.87 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.03 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

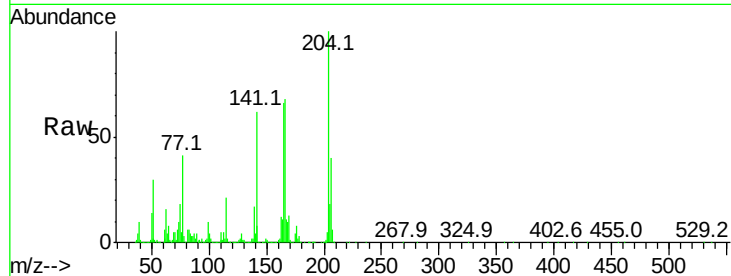
Tot Ion:138 Resp: 35616

Ion Ratio Lower Upper

138 100

92 45.2 44.2 84.2

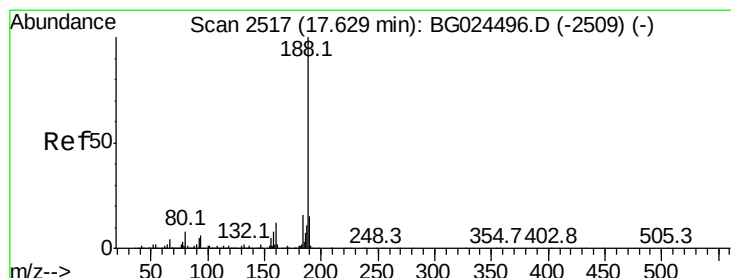
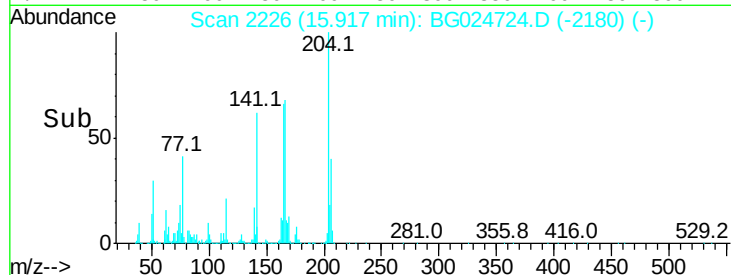
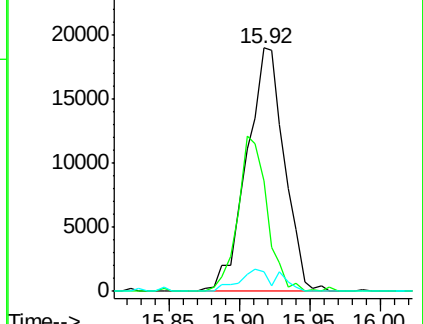
108 8.3 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

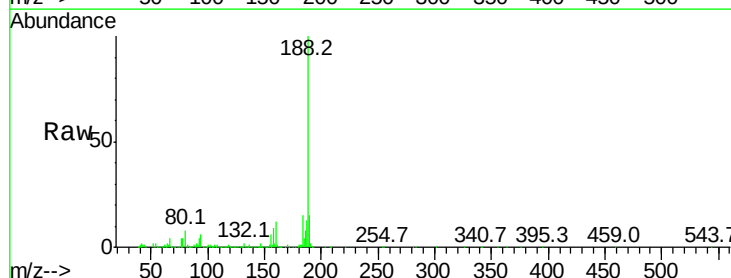
Tgt Ion:188 Resp: 612547

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

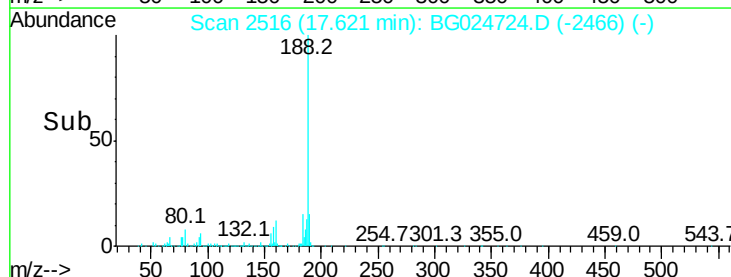
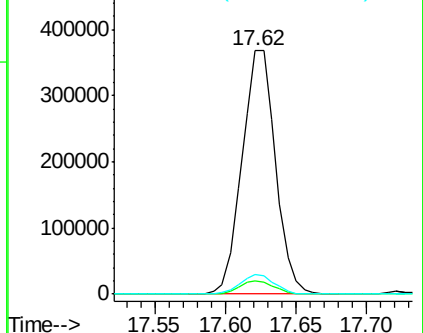
80 7.9 7.5 11.3

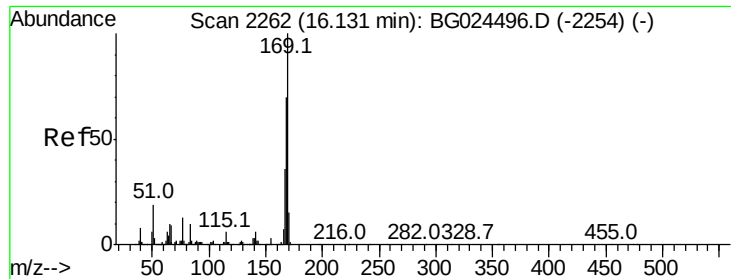


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

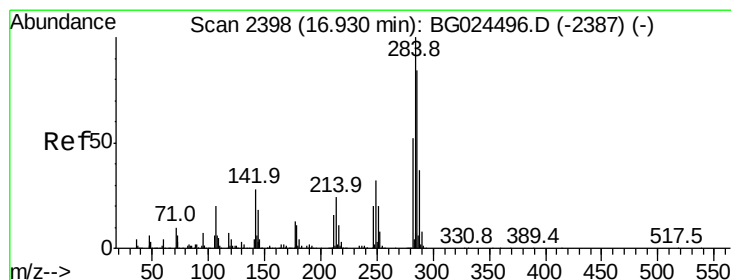
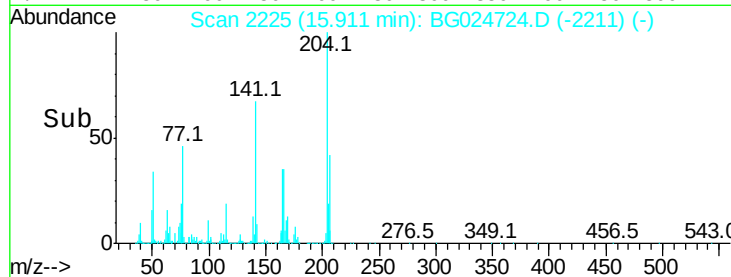
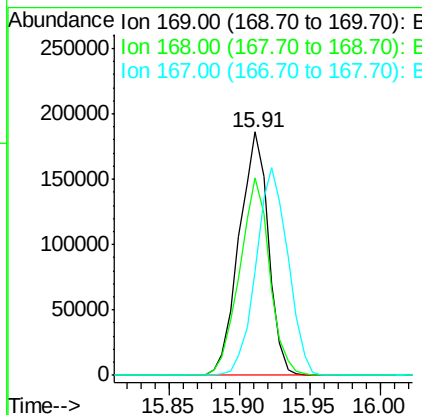
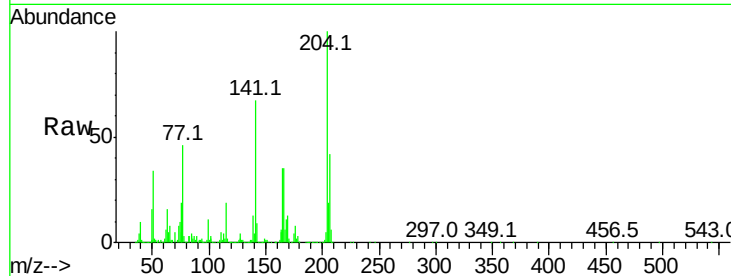




#65
n-Nitrosodiphenylamine
Concen: 16.06 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.22 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

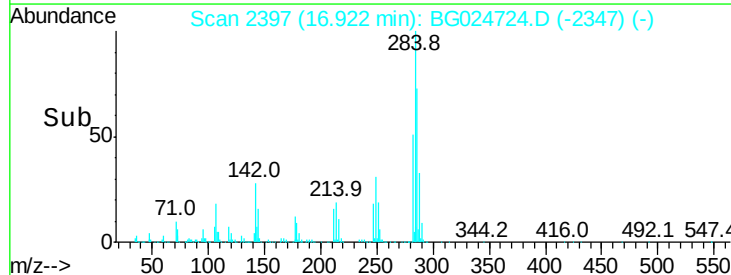
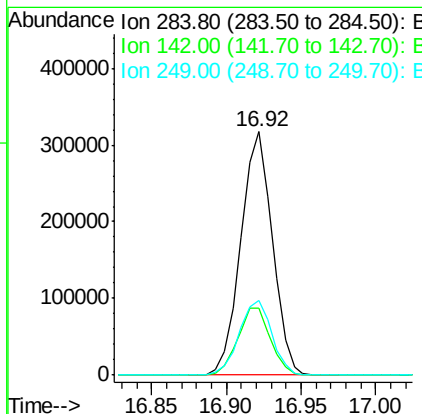
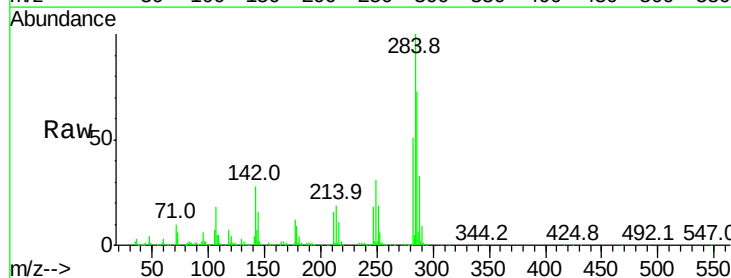
Instrument :
BNA_G
ClientSampleId :

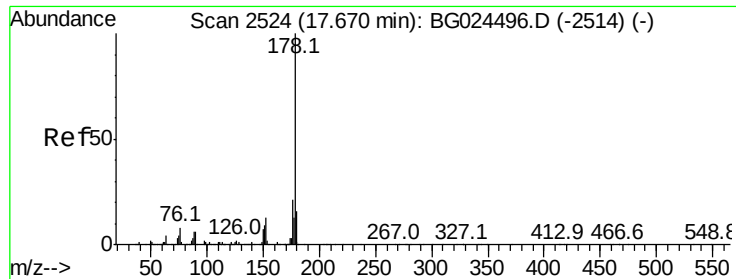
Tot Ion:169 Resp: 268939
Ion Ratio Lower Upper
169 100
168 80.9 55.7 83.5
167 42.9 29.8 44.6



#67
Hexachlorobenzene
Concen: 56.56 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion:284 Resp: 464746
Ion Ratio Lower Upper
284 100
142 27.5 29.9 44.9#
249 30.6 29.2 43.8





#70

Phenanthrene

Concen: 110.99 ng

RT: 17.76 min Scan# 2540

Delta R.T. 0.09 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

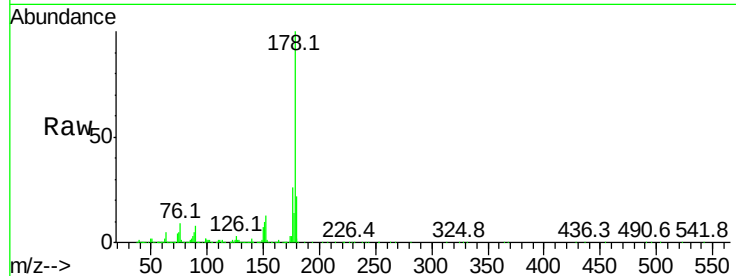
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 3465269

Ion	Ratio	Lower	Upper
178	100		
176	26.0	17.7	26.5
179	21.9	15.0	22.6

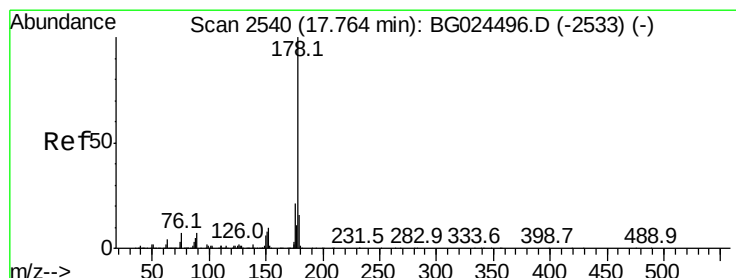
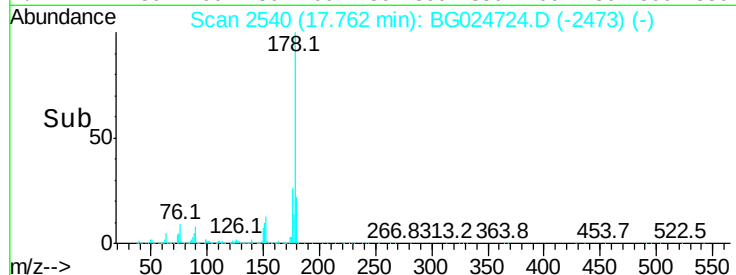
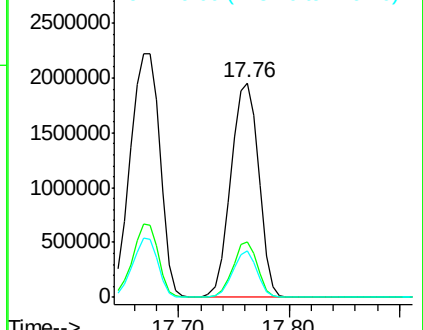


Abundance

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: 110.01 ng

RT: 17.76 min Scan# 2540

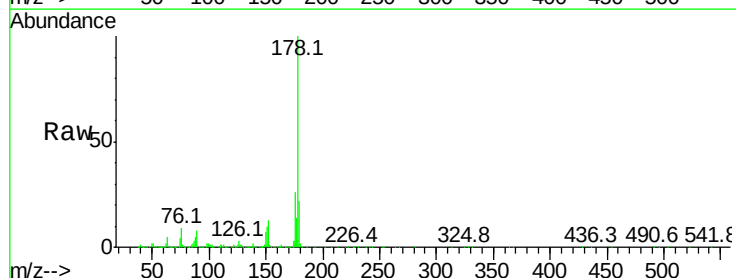
Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion:178 Resp: 3465269

Ion	Ratio	Lower	Upper
178	100		
176	26.0	16.4	24.6#
179	21.9	13.8	20.8#

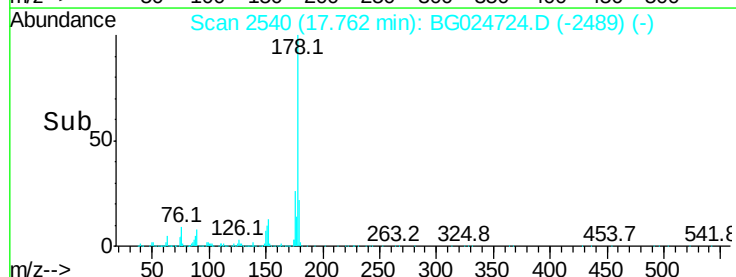
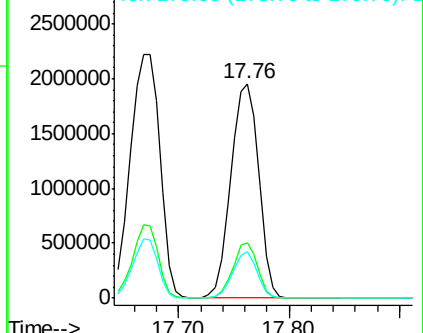


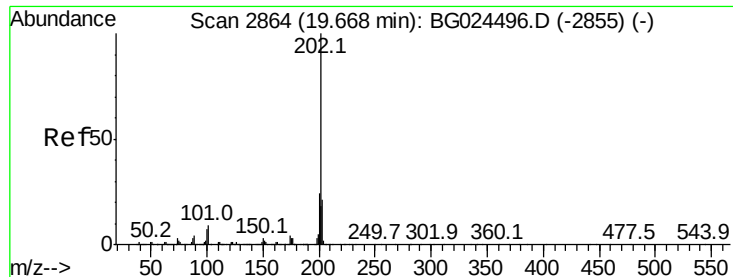
Abundance

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





#74

Fluoranthene

Concen: 105.46 ng

RT: 19.67 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

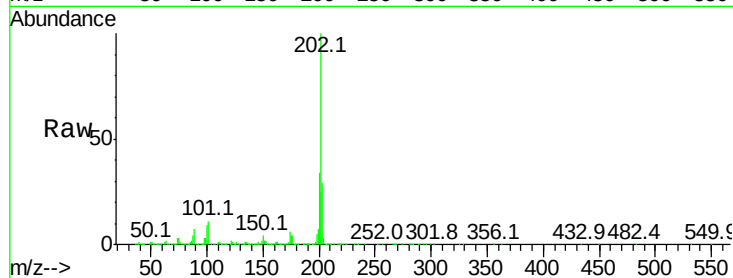
Tot Ion:202 Resp: 4162276

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.1
203	29.3	1.3	41.3

202 100

101 11.1 0.0 30.1

203 29.3 1.3 41.3

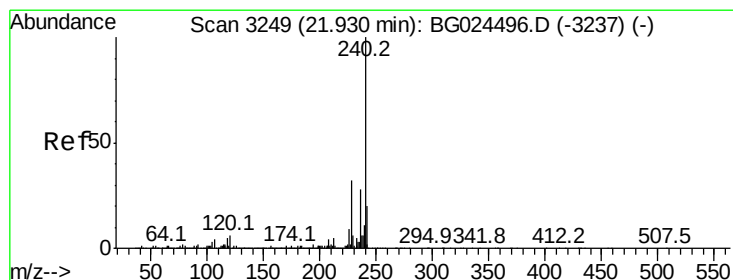
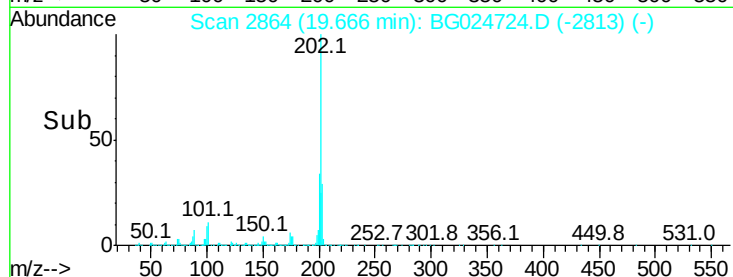
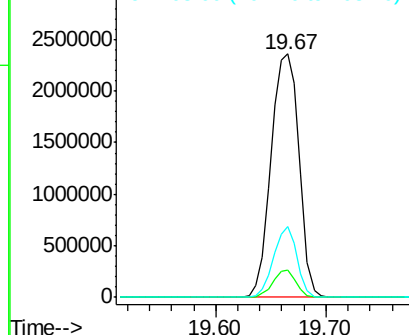


Abundance

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: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

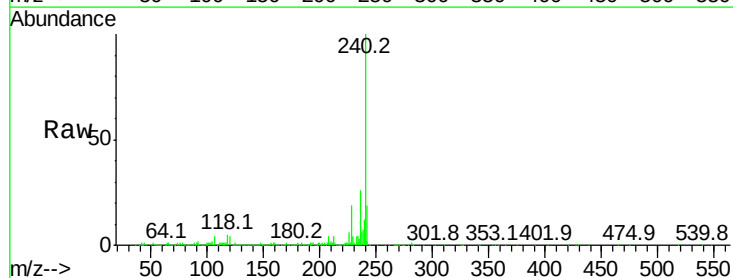
Tgt Ion:240 Resp: 857194

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.7	8.5#
236	26.1	22.2	33.4

240 100

120 4.4 5.7 8.5#

236 26.1 22.2 33.4

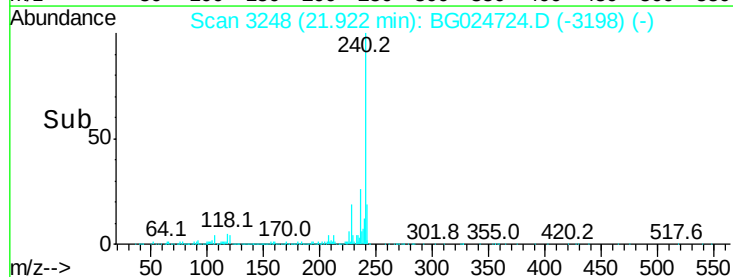
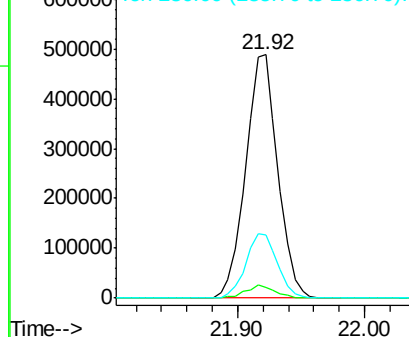


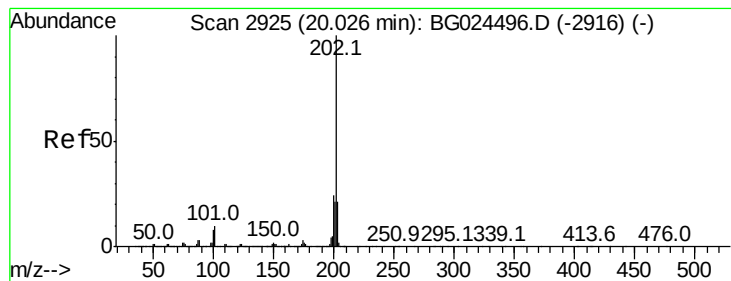
Abundance

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





#77

Pvrene

Concen: 80.12 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampled :

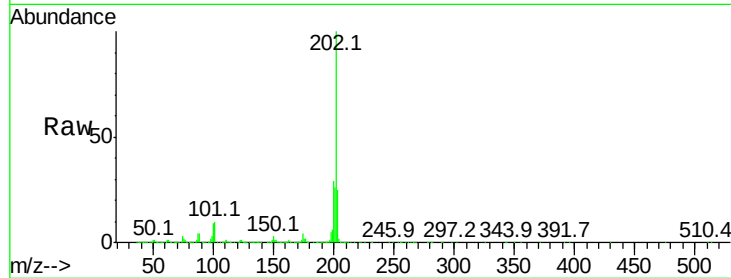
Tot Ion:202 Resp: 3357276

Ion	Ratio	Lower	Upper
202	100		
200	28.8	19.6	29.4
203	24.8	15.8	23.8

202 100

200 28.8 19.6 29.4

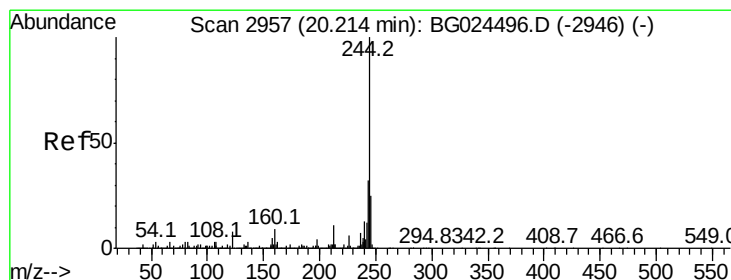
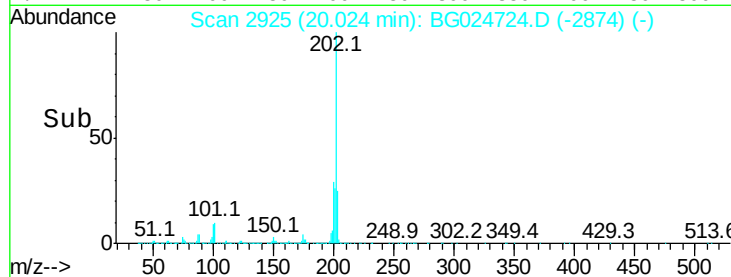
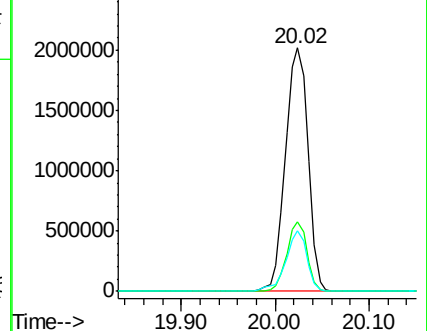
203 24.8 15.8 23.8



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: 92.34 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

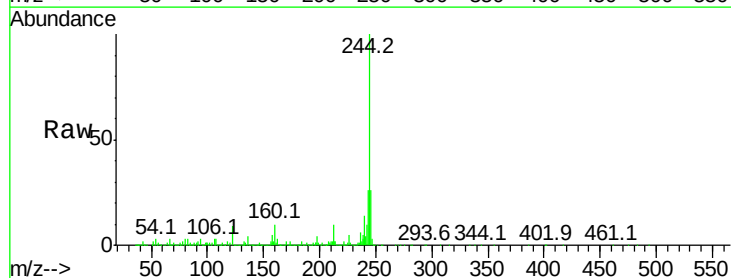
Tgt Ion:244 Resp: 2649071

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	8.8	8.6	12.8

244 100

212 10.3 10.0 15.0

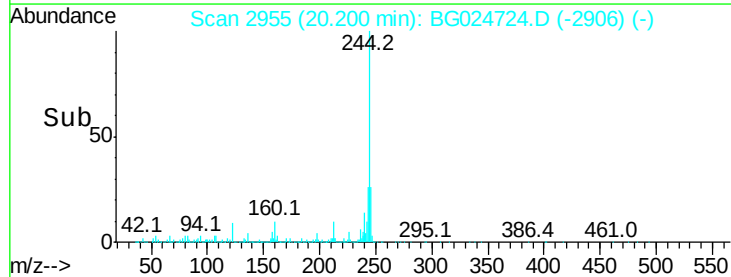
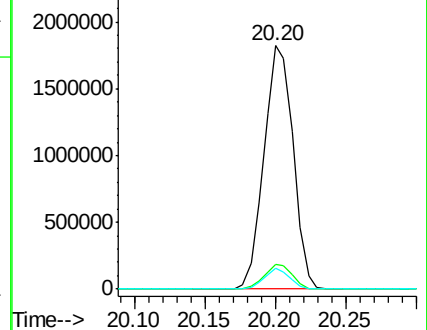
122 8.8 8.6 12.8

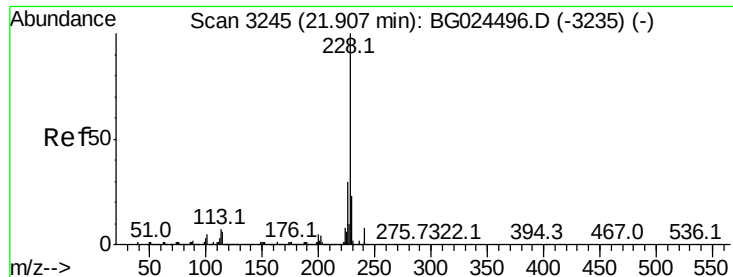


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 33.95 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

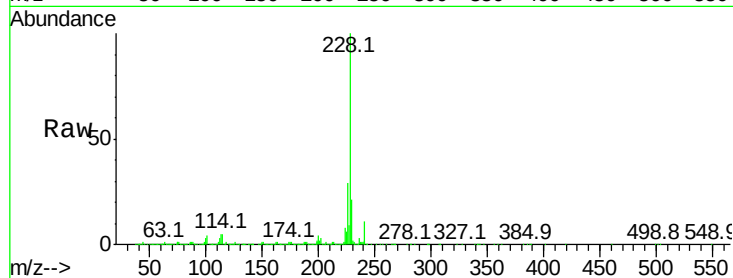
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1598583

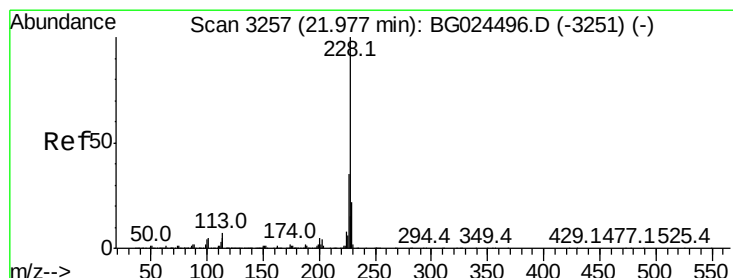
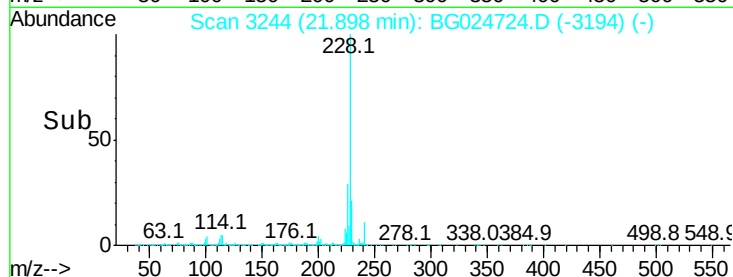
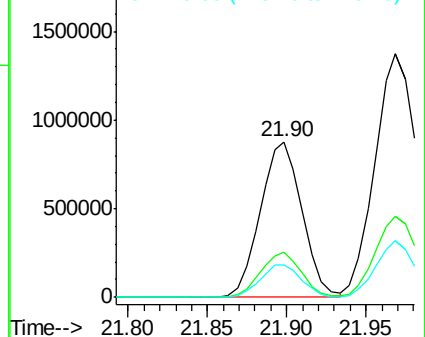
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.8	18.2	27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 55.20 ng

RT: 21.97 min Scan# 3256

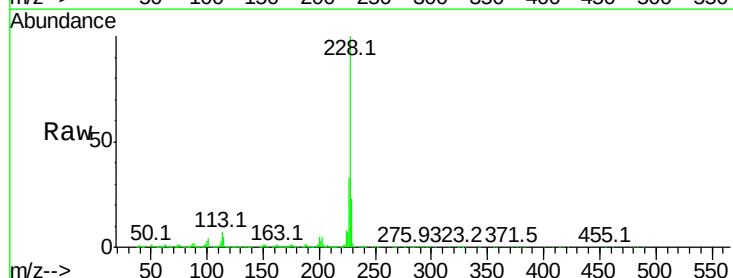
Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion:228 Resp: 2475756

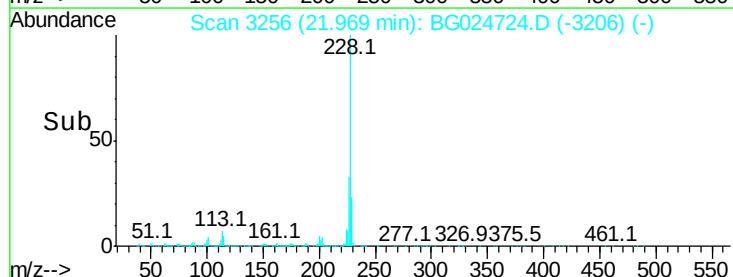
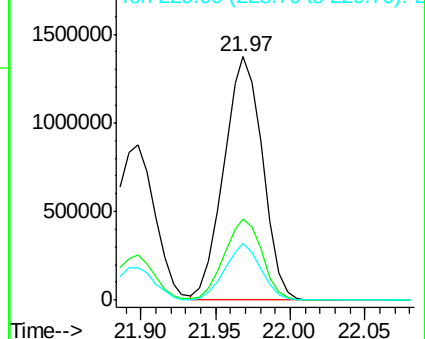
Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.4
229	23.1	17.8	26.6

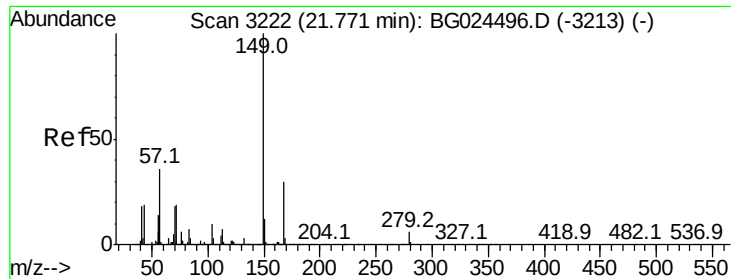


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 162.60 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

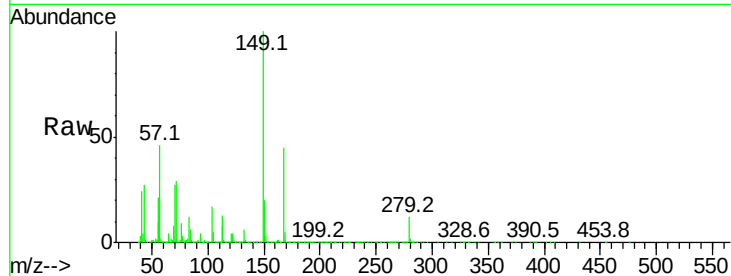
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 4063404

Ion	Ratio	Lower	Upper
149	100		
167	45.1	23.7	35.5#
279	11.8	4.6	6.8#

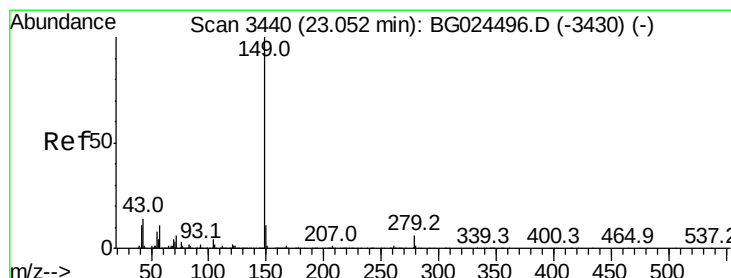
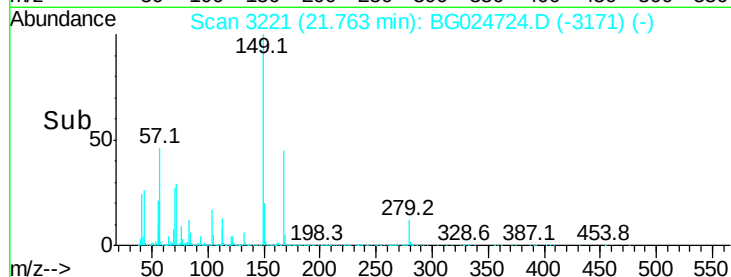
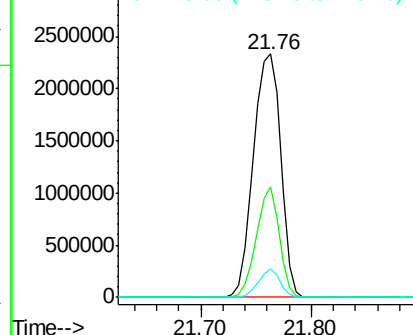


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 148.51 ng

RT: 23.04 min Scan# 3438

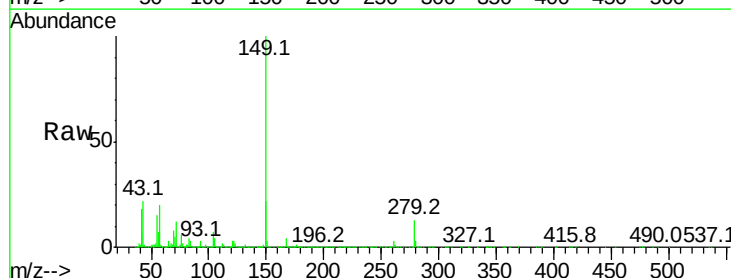
Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion:149 Resp: 6158927

Ion	Ratio	Lower	Upper
149	100		
167	2.8	1.4	2.2#
43	16.8	11.8	17.6

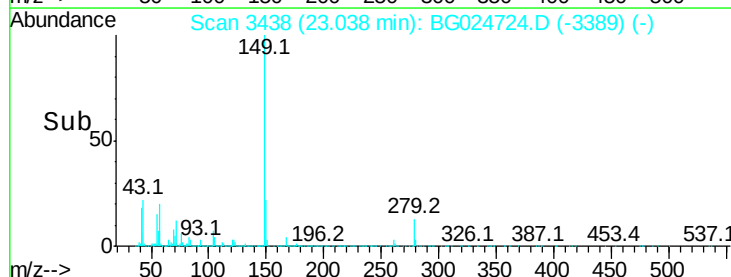
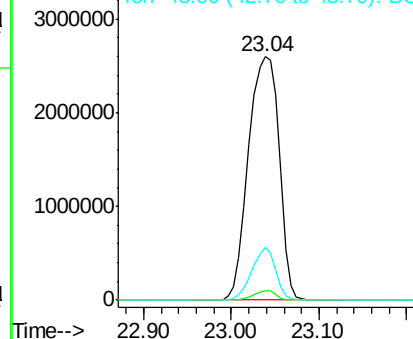


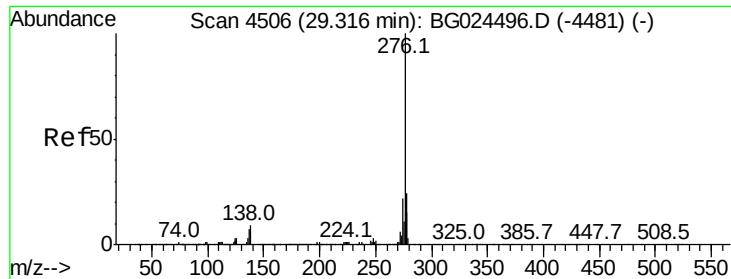
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

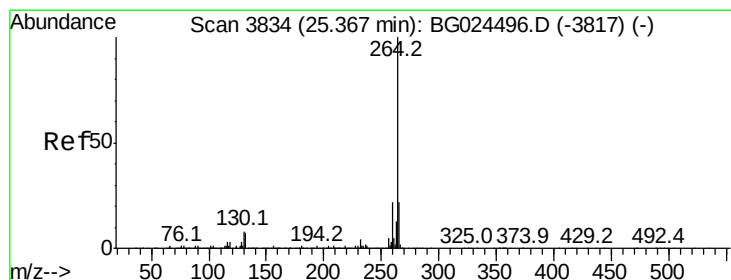
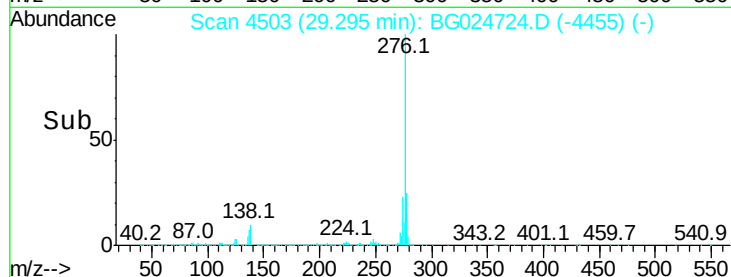
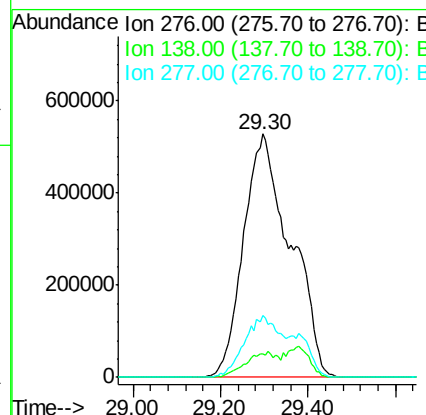
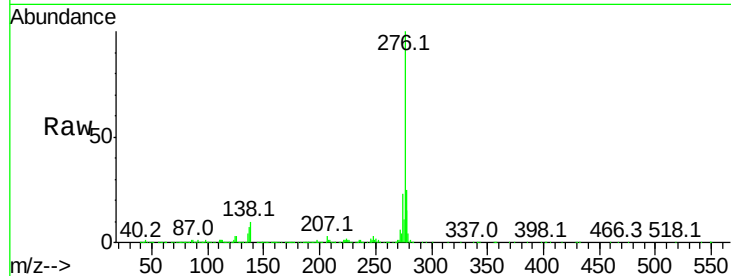




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.24 ng
 RT: 29.30 min Scan# 4503
 Delta R.T. -0.02 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

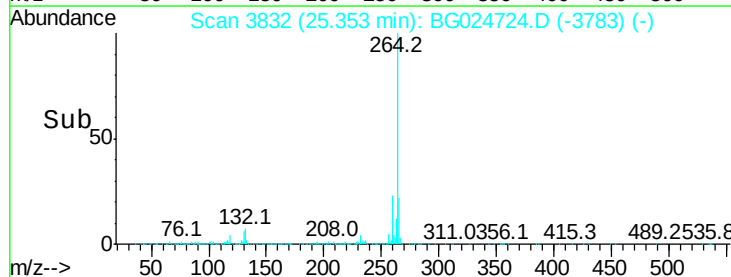
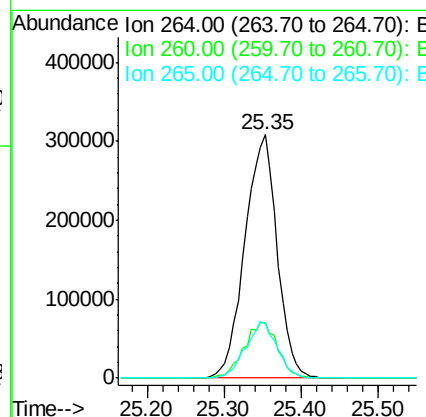
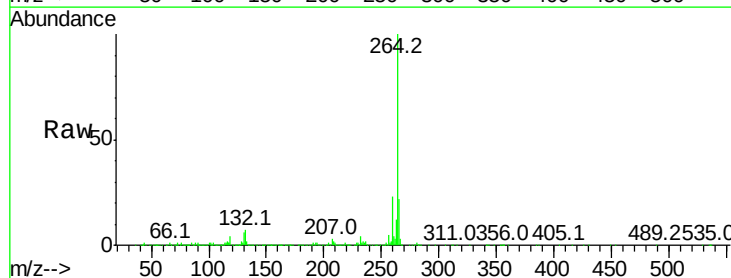
Instrument :
 BNA_G
 ClientSampleId :

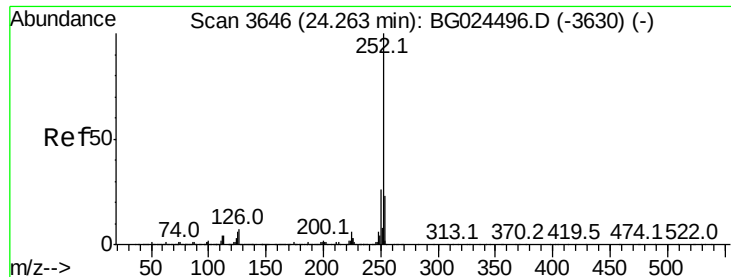
Tot Ion:276 Resp: 3853206
 Ion Ratio Lower Upper
 276 100
 138 7.0 4.7 7.1
 277 18.9 20.6 31.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024724.D
 Acq: 7 Nov 2016 11:24

Tgt Ion:264 Resp: 902673
 Ion Ratio Lower Upper
 264 100
 260 22.7 21.8 32.8
 265 22.2 18.2 27.4

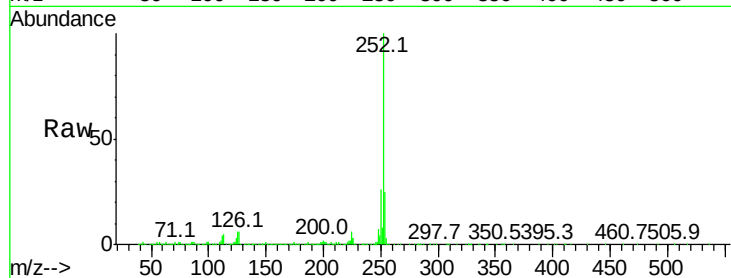




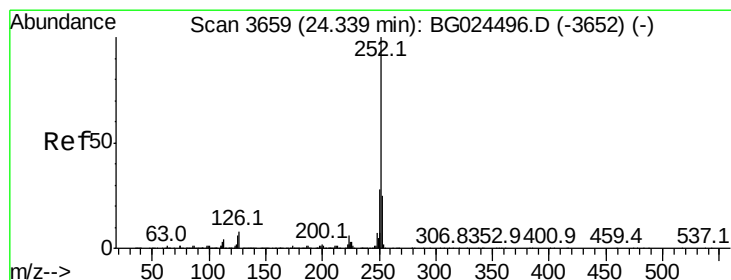
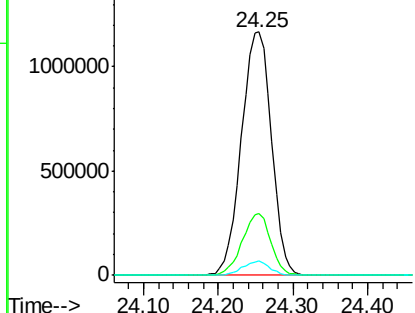
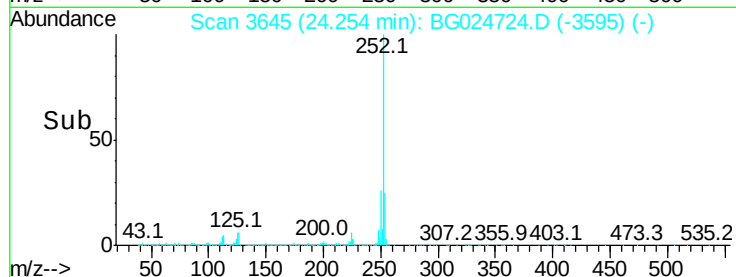
#87
Benzo(b)fluoranthene
Concen: 66.82 ng
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 3260515
Ion Ratio Lower Upper
252 100
253 25.2 18.7 28.1
125 5.9 5.3 7.9

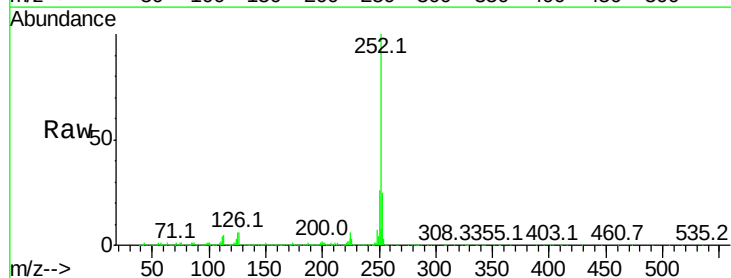


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

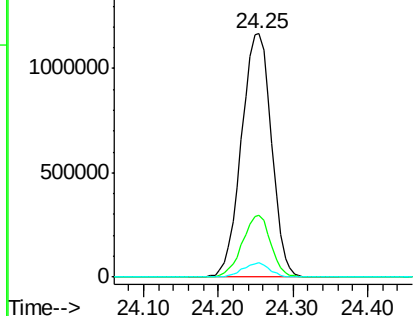
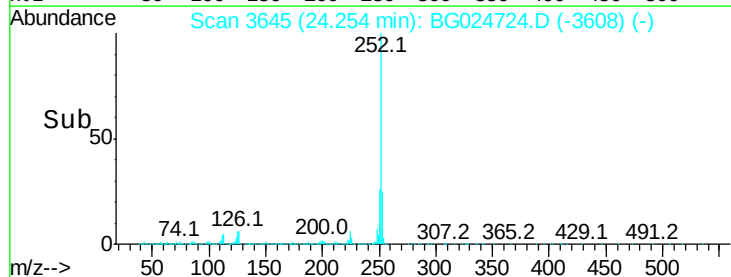


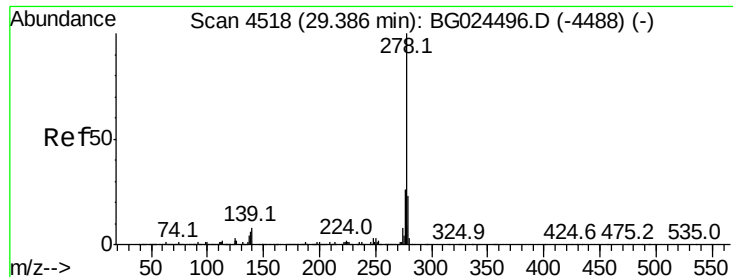
#88
Benzo(k)fluoranthene
Concen: 69.20 ng
RT: 24.25 min Scan# 3645
Delta R.T. -0.08 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion:252 Resp: 3260515
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 5.9 5.1 7.7



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





#90

Dibenzo(a,h)anthracene

Concen: 89.71 ng

RT: 29.38 min Scan# 4517

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

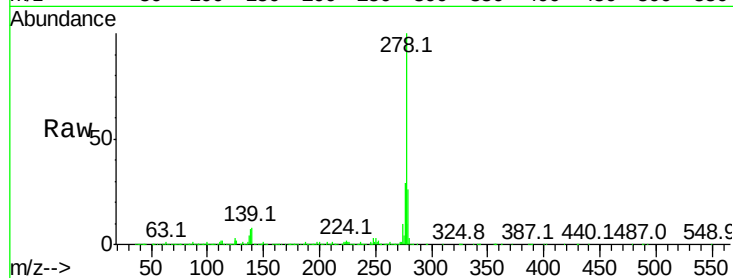
Tot Ion:278 Resp: 4694401

Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.7	11.5
279	26.2	19.1	28.7

278 100

139 8.3 7.7 11.5

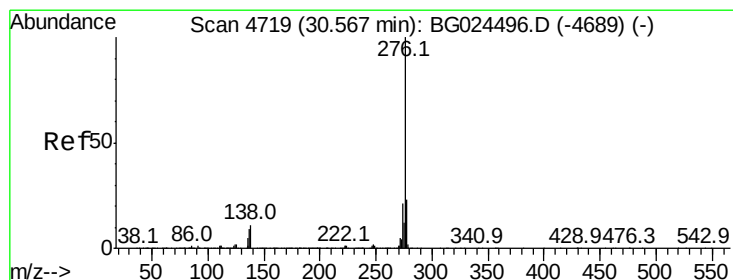
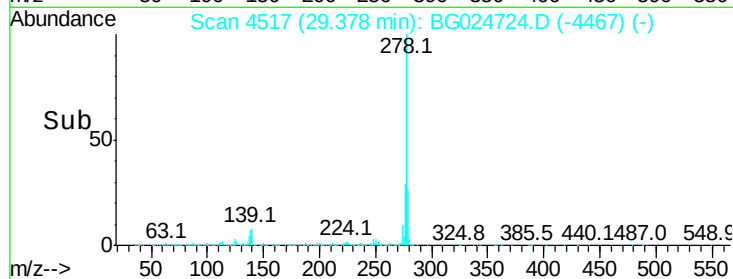
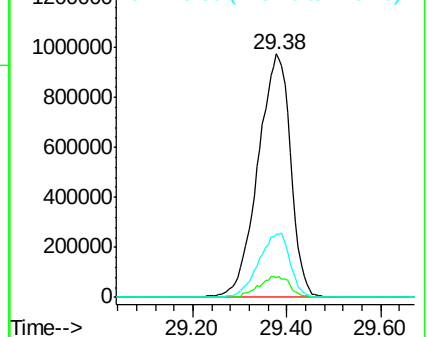
279 26.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.35 ng

RT: 30.54 min Scan# 4714

Delta R.T. -0.03 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

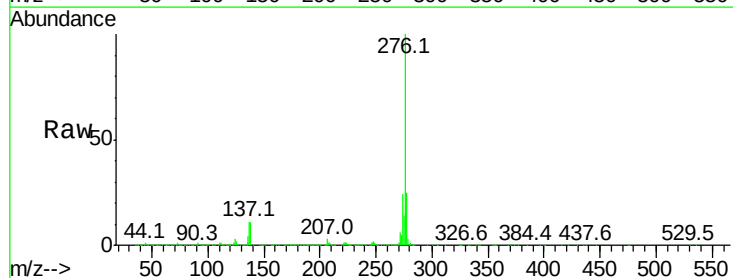
Tgt Ion:276 Resp: 2318517

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	11.1	8.1	12.1

276 100

277 24.6 18.6 27.8

138 11.1 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

