

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
 Data File : BG024159.D
 Acq On : 30 Sep 2016 14:53
 Operator : UM/SJ
 Sample : H4998-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B045-6-9

Quant Time: Sep 30 18:45:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

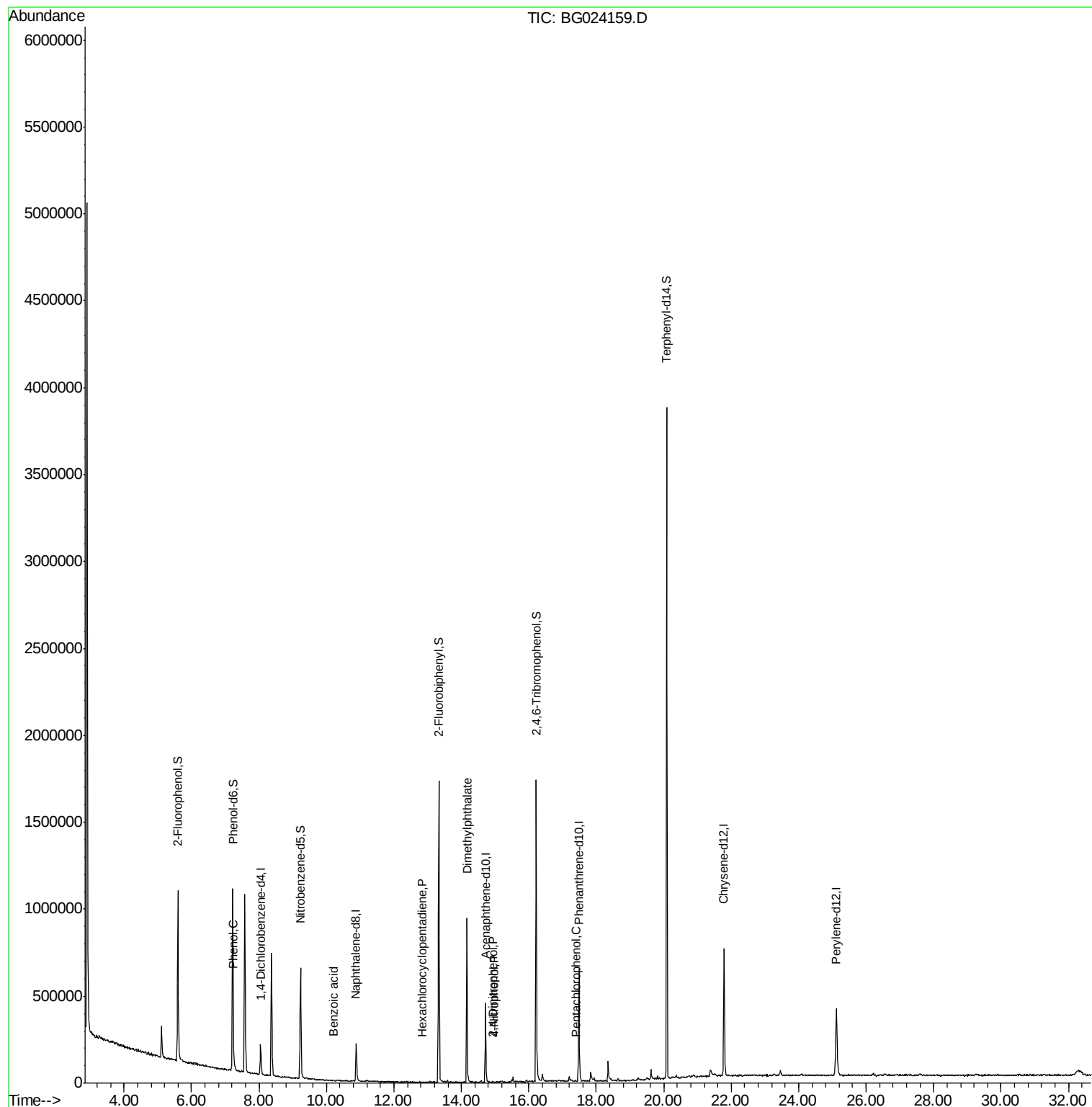
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43597	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	198989	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	159481	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	402975	20.00	ng	0.00
75) Chrysene-d12	21.79	240	480931	20.00	ng	0.00
86) Perylene-d12	25.12	264	454150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	417642	165.96	ng	0.00
7) Phenol-d6	7.22	99	645930	152.55	ng	0.01
23) Nitrobenzene-d5	9.23	82	452807	89.69	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	301484	131.52	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	853615	89.97	ng	0.00
78) Terphenyl-d14	20.09	244	1548631	65.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.24	94	11430	2.57	ng	# 33
32) Benzoic acid	10.22	122	117	2.20	ng	# 1
40) Hexachlorocyclopentadiene	12.84	237	111	3.65	ng	# 26
49) Dimethylphthalate	14.16	163	588212	48.08	ng	99
53) 2,4-Dinitrophenol	14.94	184	88	2.51	ng	# 10
55) 4-Nitrophenol	14.98	139	53	5.37	ng	# 38
69) Pentachlorophenol	17.38	266	56	3.58	ng	# 18

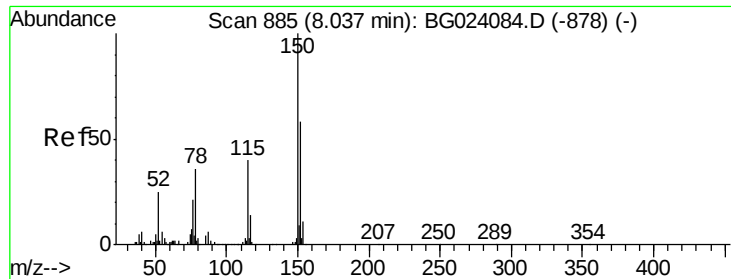
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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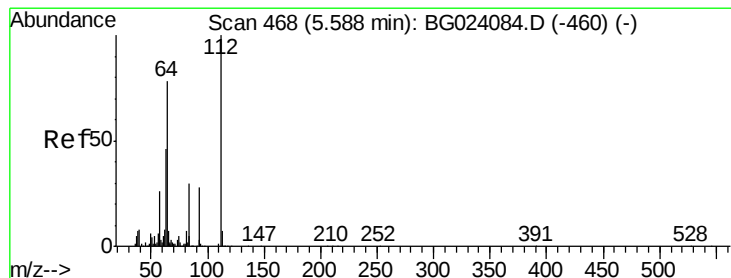
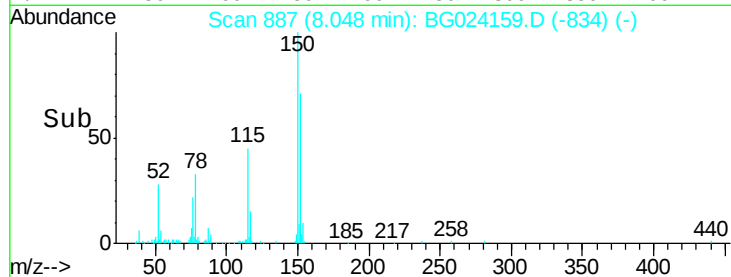
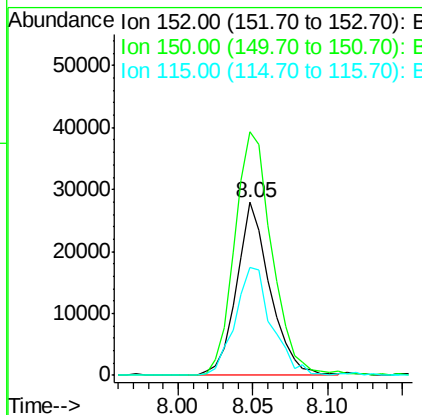
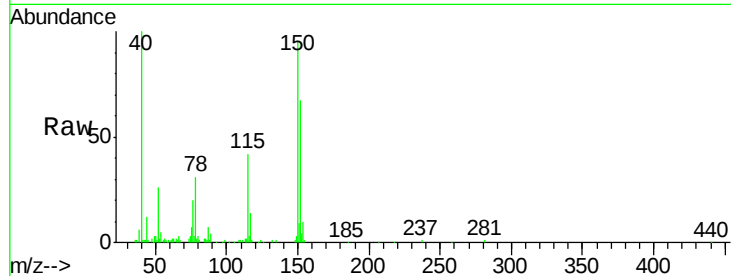


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

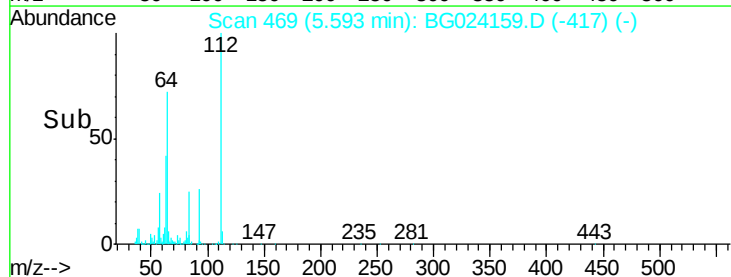
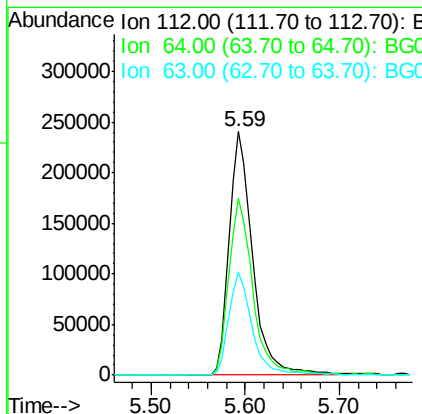
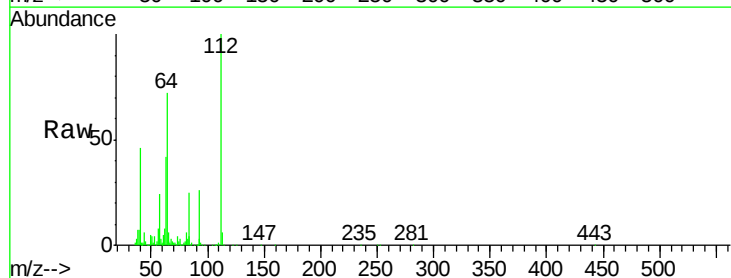
Tgt Ion:152 Resp: 43597
Ion Ratio Lower Upper
152 100
150 140.6 144.7 217.1#
115 62.6 64.0 96.0#

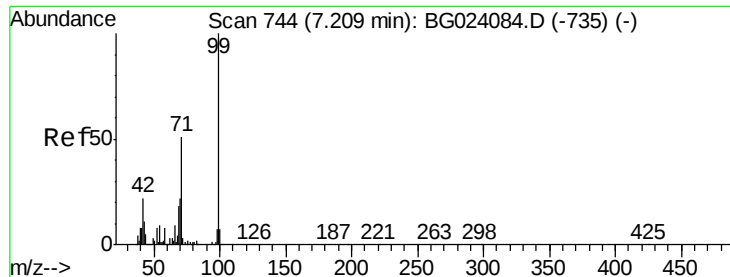


#5

2-Fluorophenol
Concen: 165.96 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:112 Resp: 417642
Ion Ratio Lower Upper
112 100
64 72.5 59.0 88.4
63 42.1 37.8 56.8





#7

Phenol-d6

Concen: 152.55 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SUP-B045-6-9

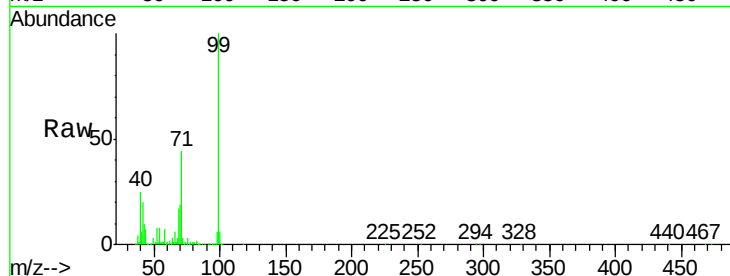
Tgt Ion: 99 Resp: 645930

Ion Ratio Lower Upper

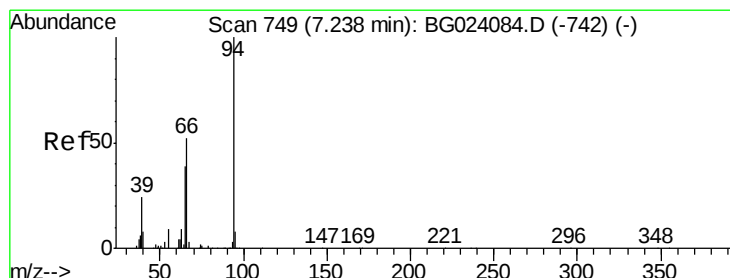
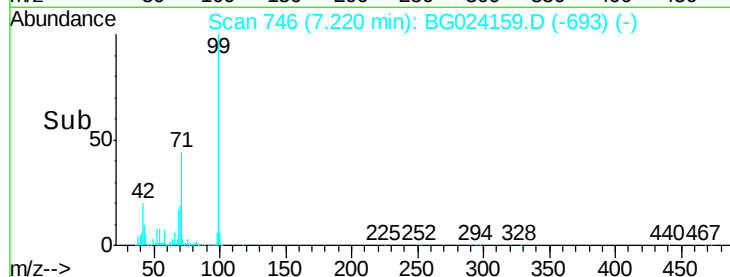
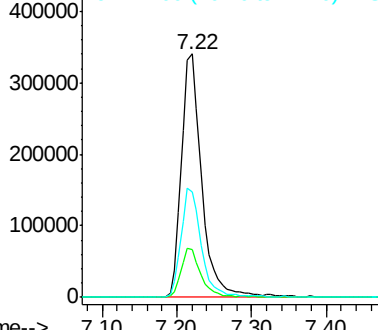
99 100

42 19.7 17.8 26.6

71 43.5 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.57 ng

RT: 7.24 min Scan# 750

Delta R.T. 0.01 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

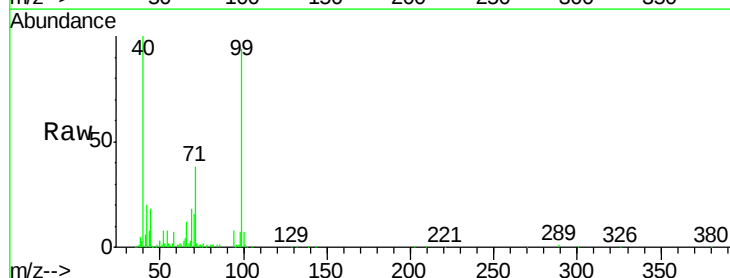
Tgt Ion: 94 Resp: 11430

Ion Ratio Lower Upper

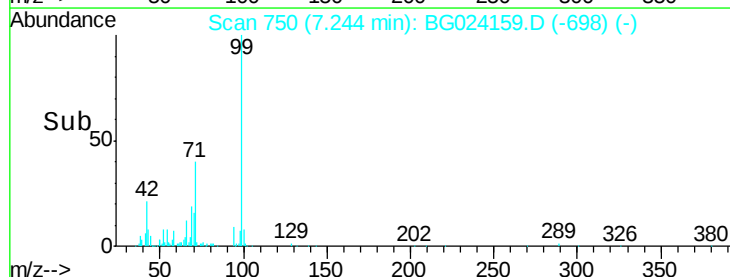
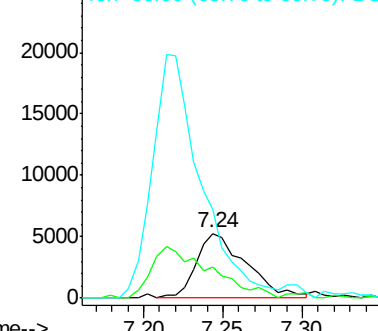
94 100

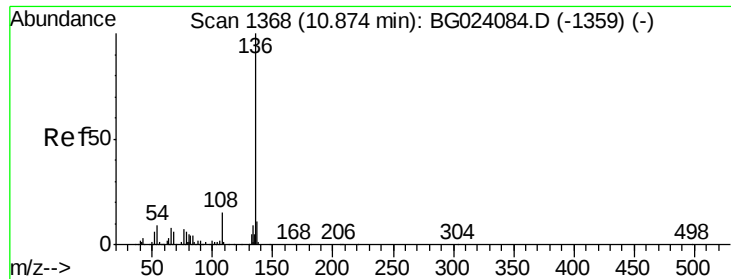
65 47.7 18.1 58.1

66 138.4 42.1 82.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

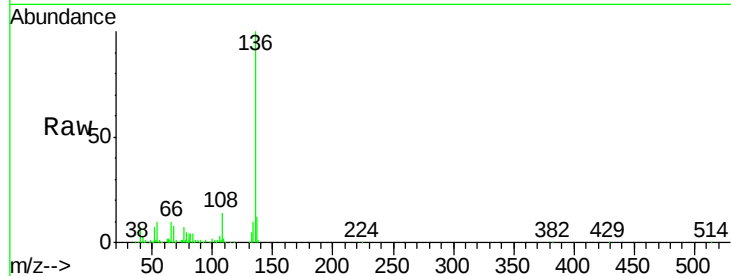




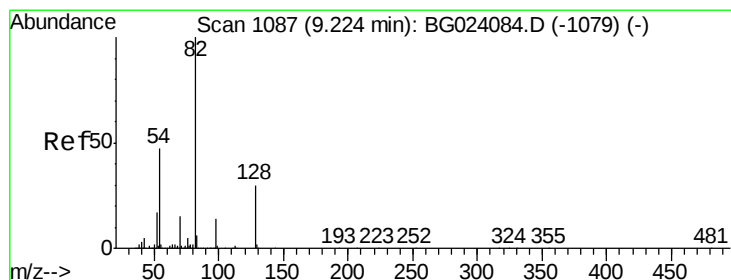
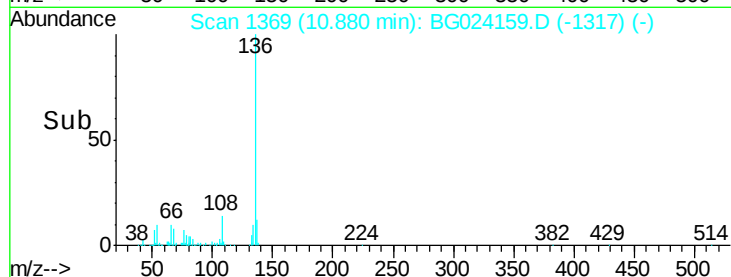
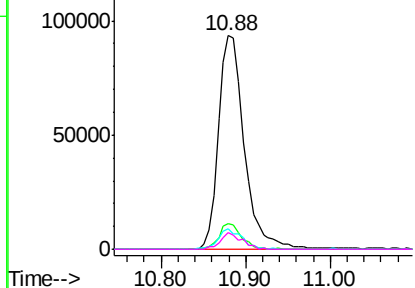
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:	136	Resp:	198989
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.6	7.3	10.9
68	7.5	5.3	7.9

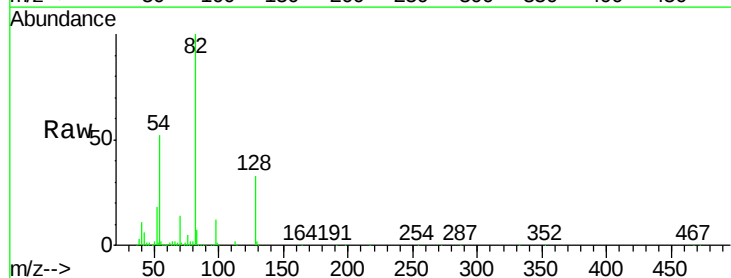


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

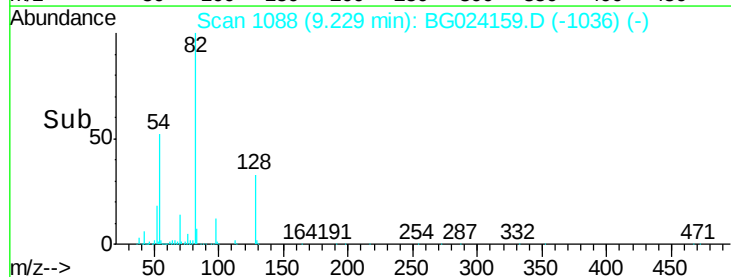
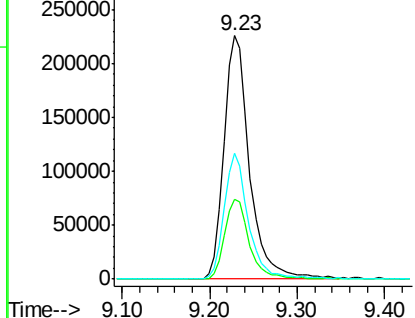


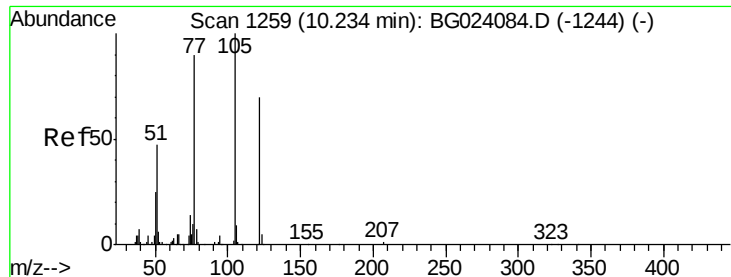
#23
Nitrobenzene-d5
Concen: 89.69 ng
RT: 9.23 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:	82	Resp:	452807
Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	51.5	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 2.20 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SUP-B045-6-9

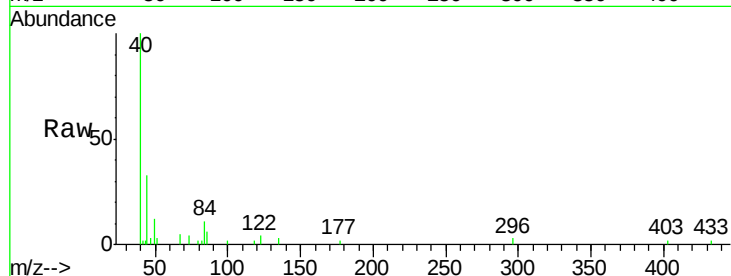
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

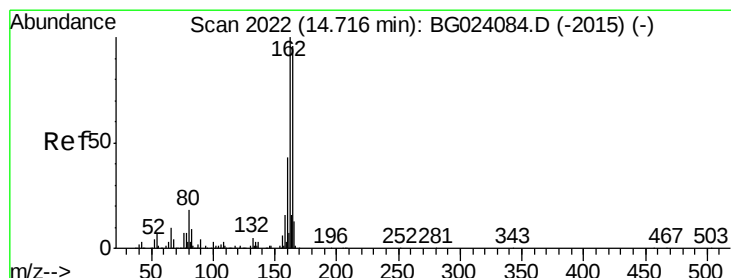
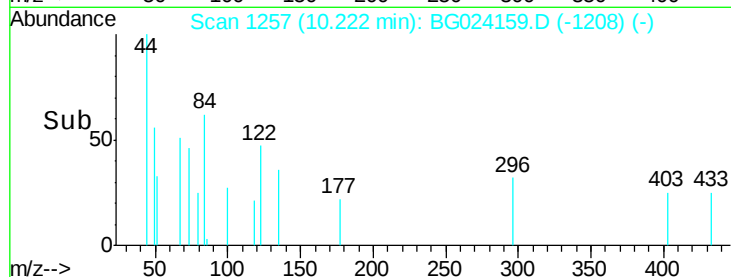
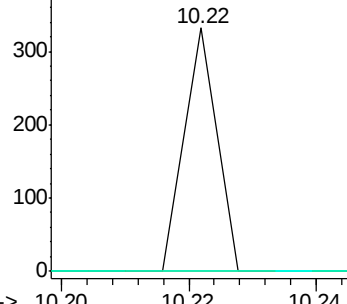
77 0.0 109.2 149.2#



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): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

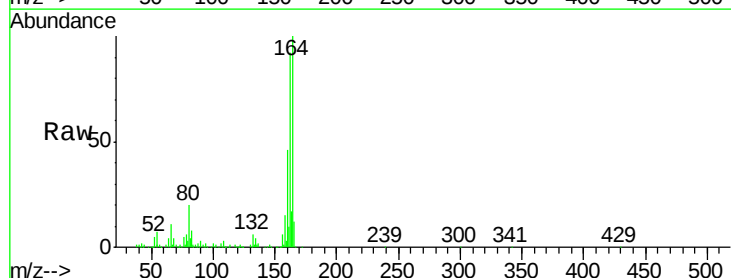
Tgt Ion:164 Resp: 159481

Ion Ratio Lower Upper

164 100

162 92.1 87.7 131.5

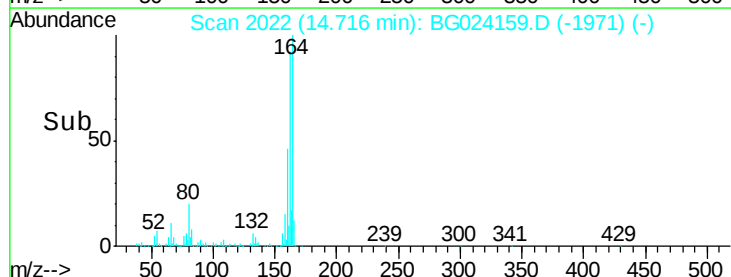
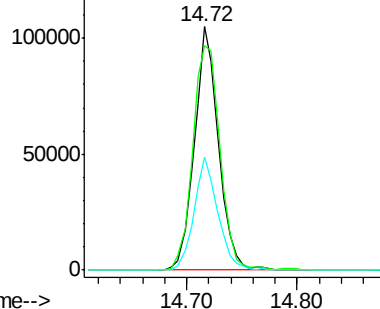
160 46.4 37.2 55.8

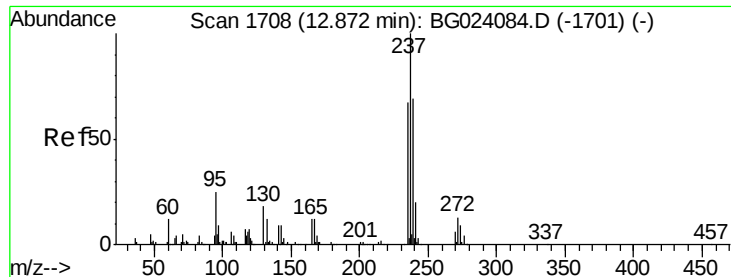


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 3.65 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.04 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SUP-B045-6-9

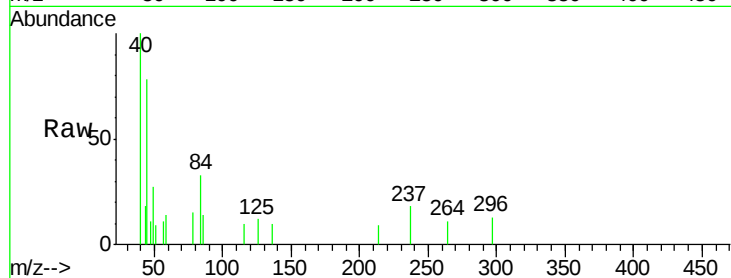
Tgt Ion: 237 Resp: 111

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

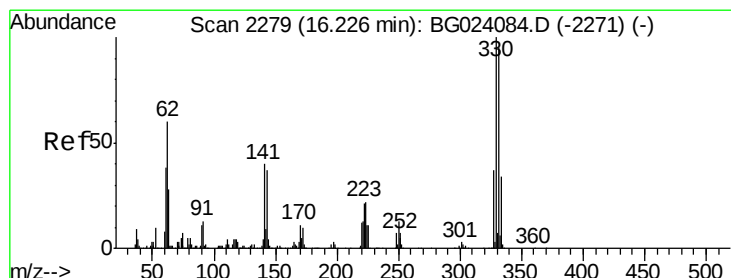
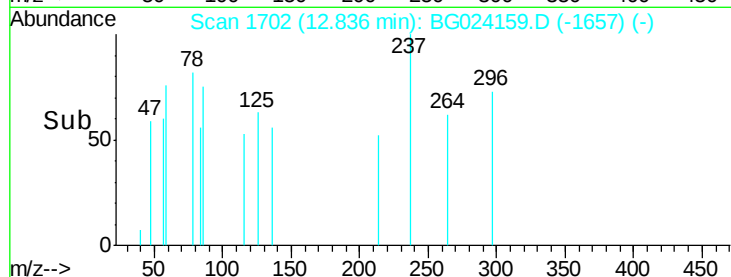
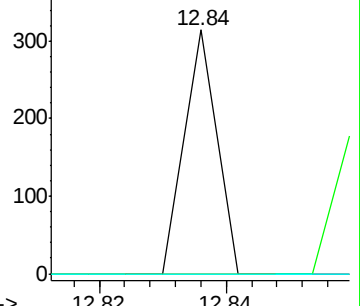
272 0.0 0.0 30.9



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: 131.52 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG024159.D

Acq: 30 Sep 2016 14:53

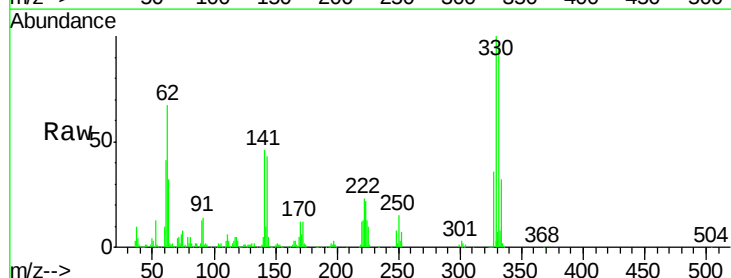
Tgt Ion: 330 Resp: 301484

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

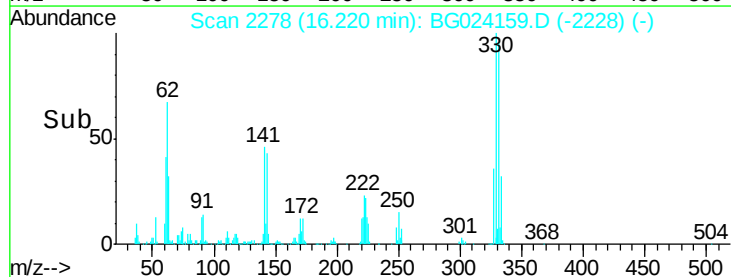
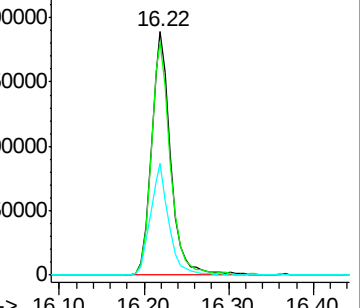
141 43.7 31.7 47.5

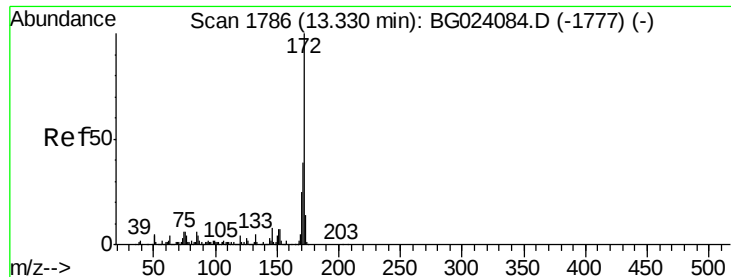


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

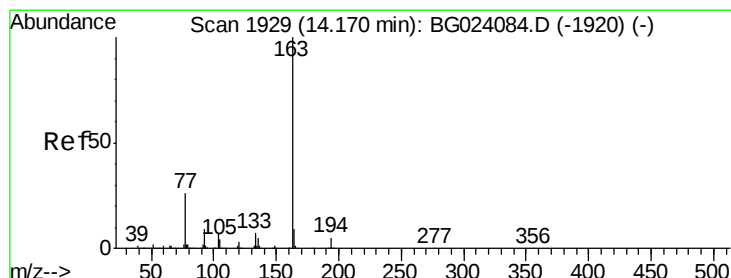
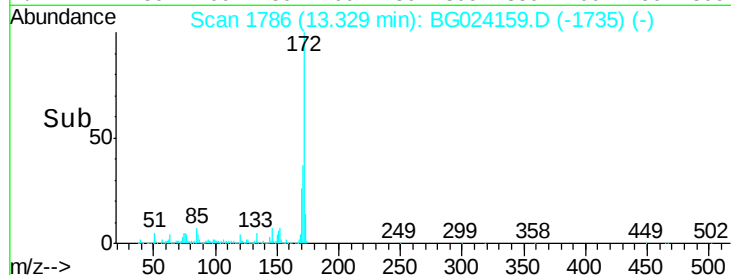
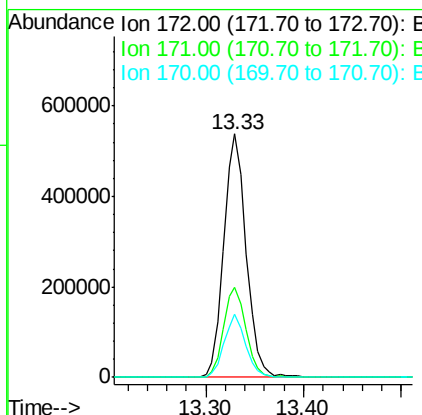
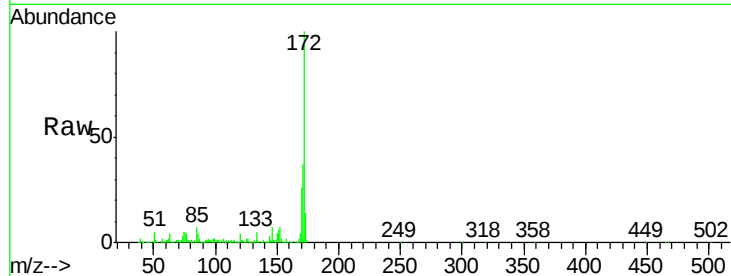




#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG024159.D
 Acq: 30 Sep 2016 14:53

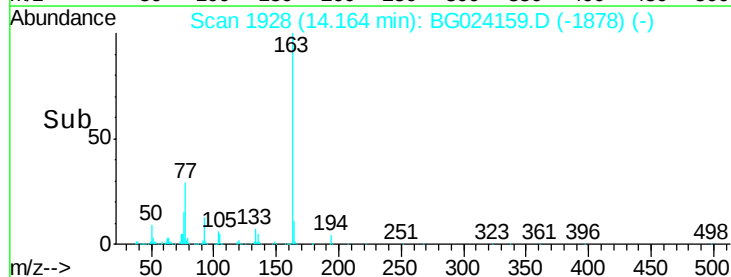
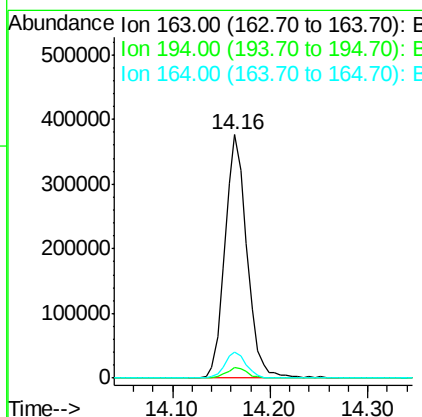
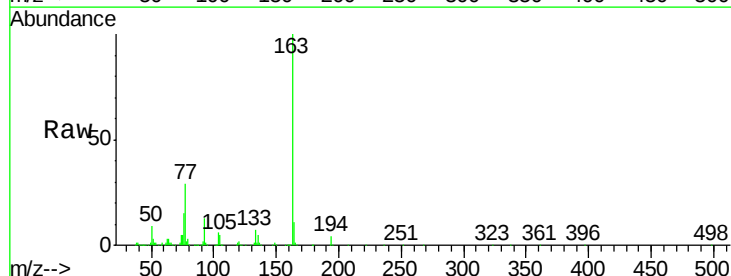
Instrument :
 BNA_G
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 SUP-B045-6-9

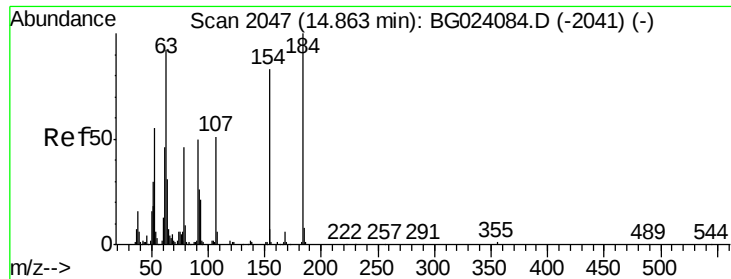
Tgt Ion:	172	Resp:	853615
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.6	47.4
170	25.8	21.3	31.9



#49
 Dimethylphthalate
 Concen: 48.08 ng
 RT: 14.16 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BG024159.D
 Acq: 30 Sep 2016 14:53

Tgt Ion:	163	Resp:	588212
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.7	8.1	12.1

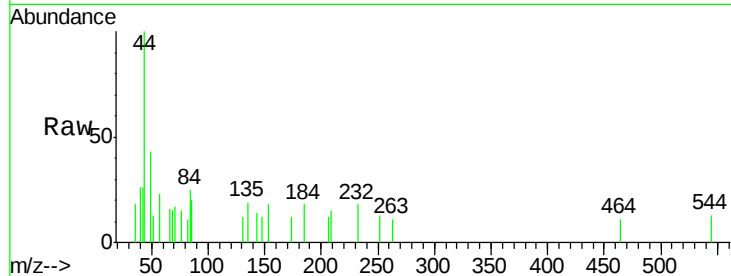




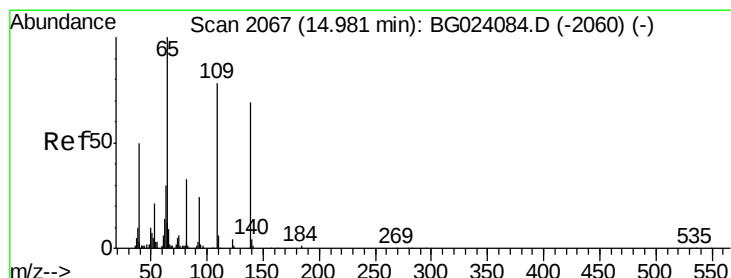
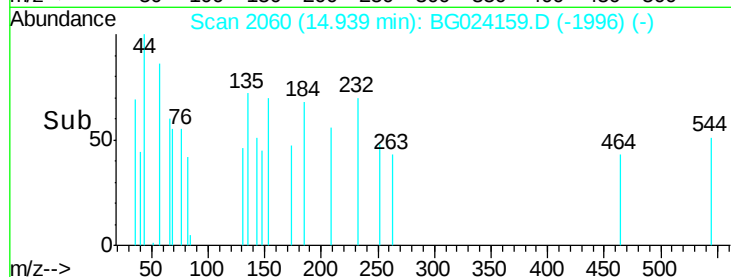
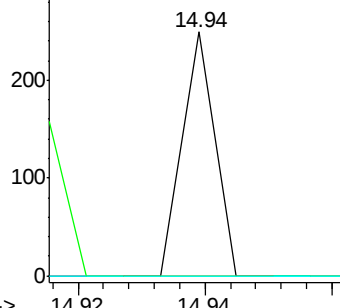
#53
2,4-Dinitrophenol
Concen: 2.51 ng
RT: 14.94 min Scan# 2060
Delta R.T. 0.08 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

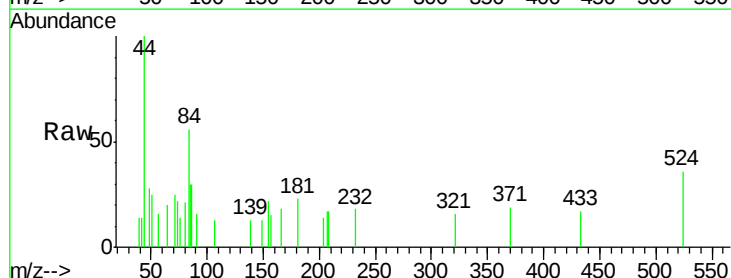


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

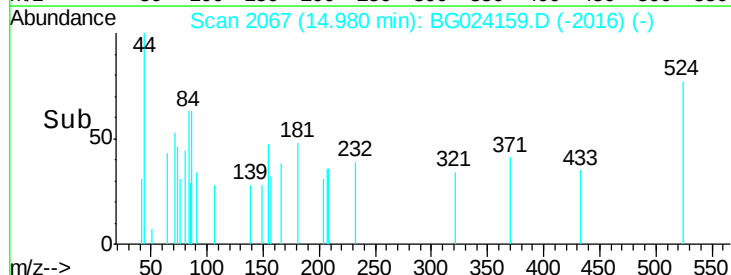
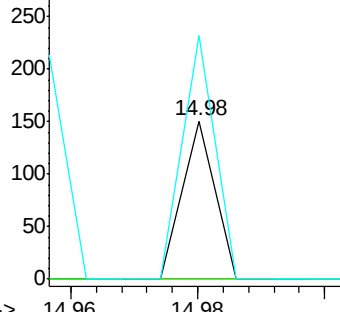


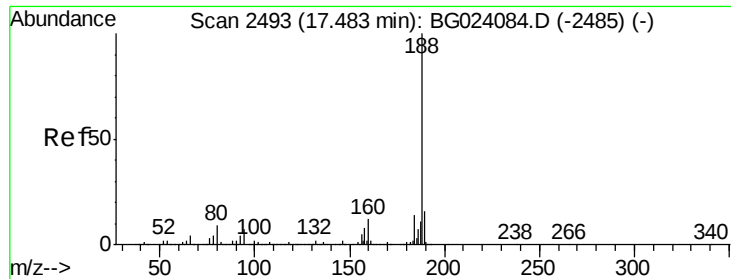
#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 153.6 112.7 152.7#



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): BG

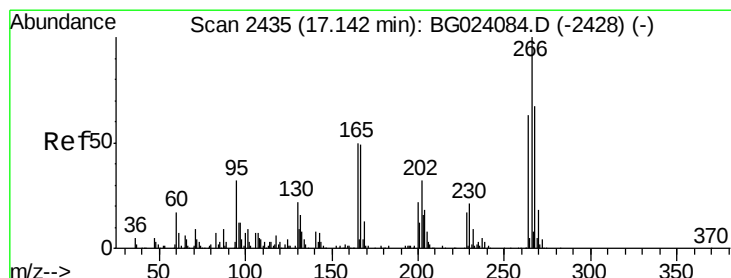
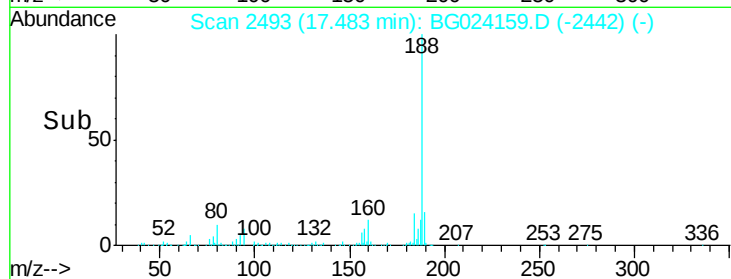
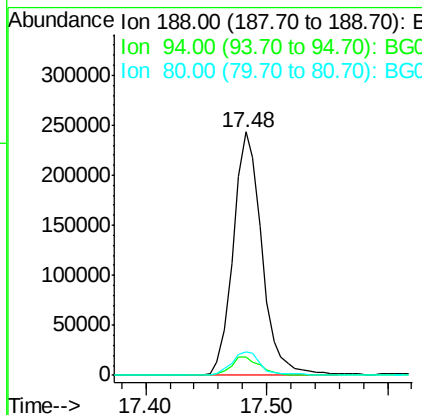
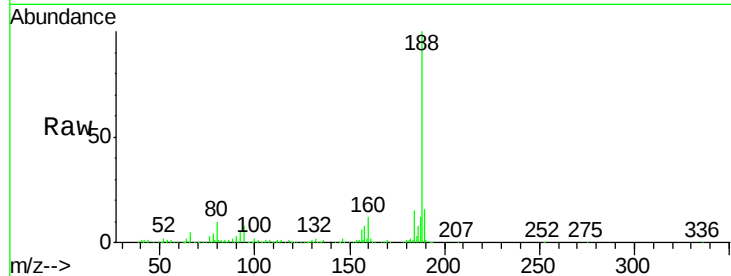




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

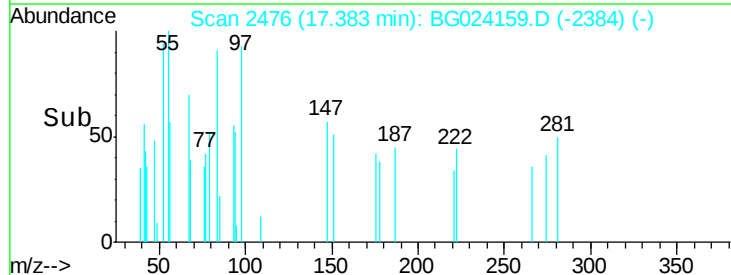
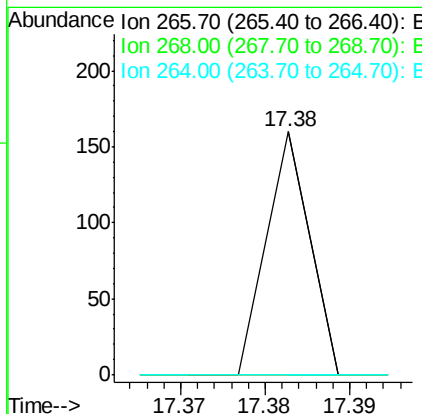
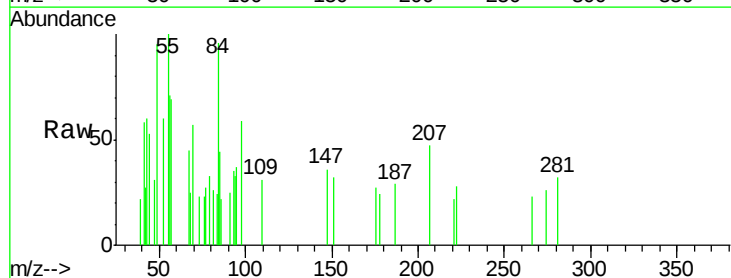
Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

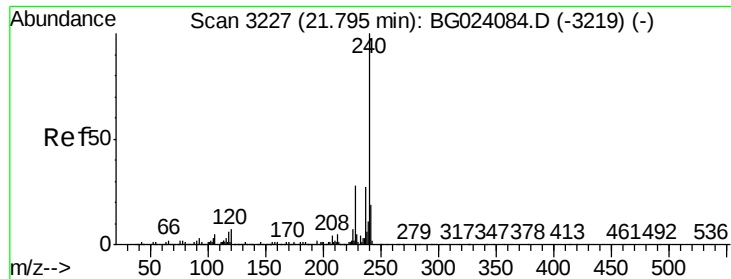
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	9.6	7.2	10.8



#69
Pentachlorophenol
Concen: 3.58 ng
RT: 17.38 min Scan# 2476
Delta R.T. 0.24 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#

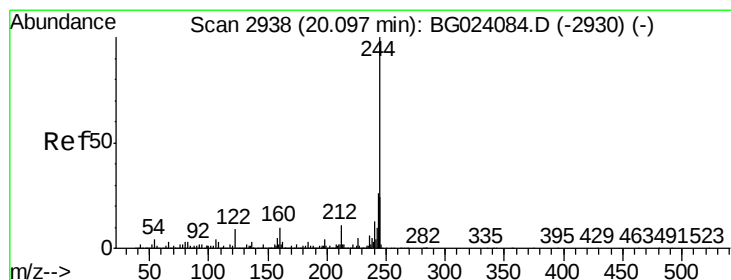
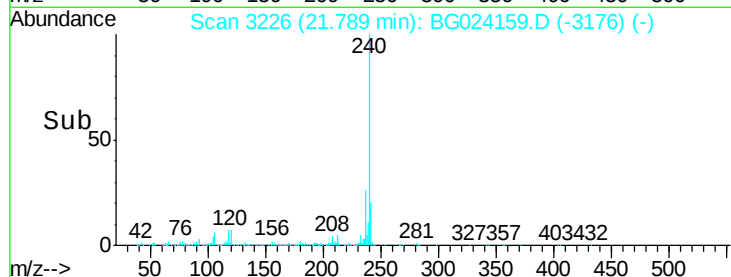
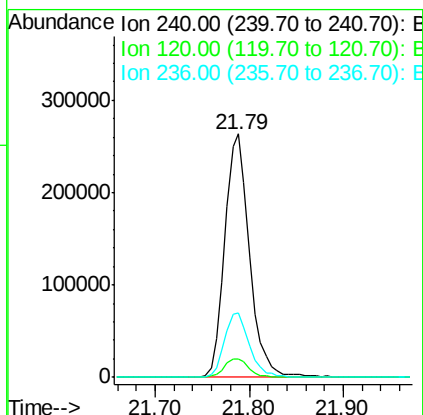
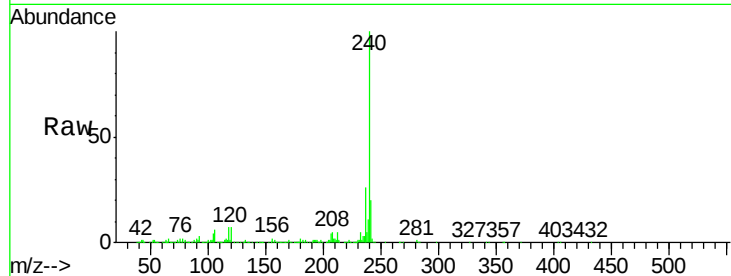




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

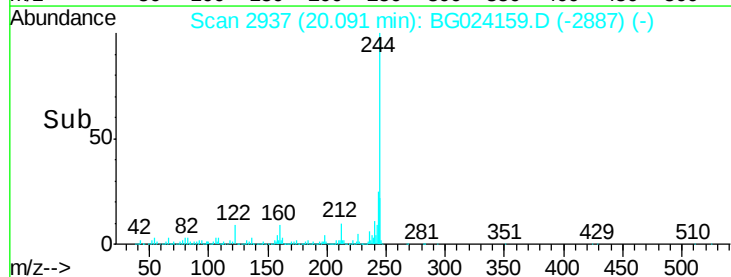
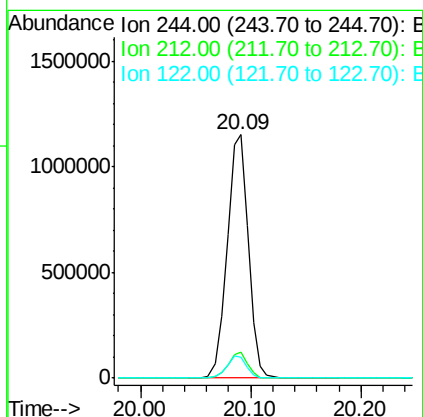
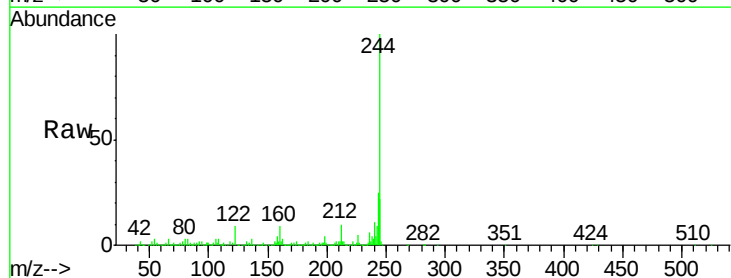
Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

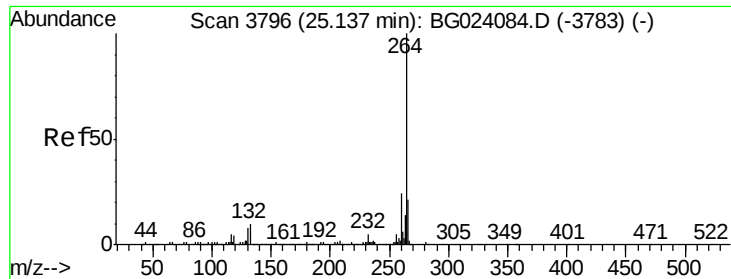
Tgt Ion:240 Resp: 480931
Ion Ratio Lower Upper
240 100
120 7.4 4.1 6.1#
236 26.2 21.1 31.7



#78
Terphenyl-d14
Concen: 65.93 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:244 Resp: 1548631
Ion Ratio Lower Upper
244 100
212 10.5 10.8 16.2#
122 8.7 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:	264	Resp:	454150
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.3	18.9	28.3

