

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022947.D
 Acq On : 9 Jul 2016 2:05
 Operator : UM/SJ
 Sample : H3900-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Quant Time: Jul 09 05:38:15 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 16:51:07 2016
 Response via : Initial Calibration

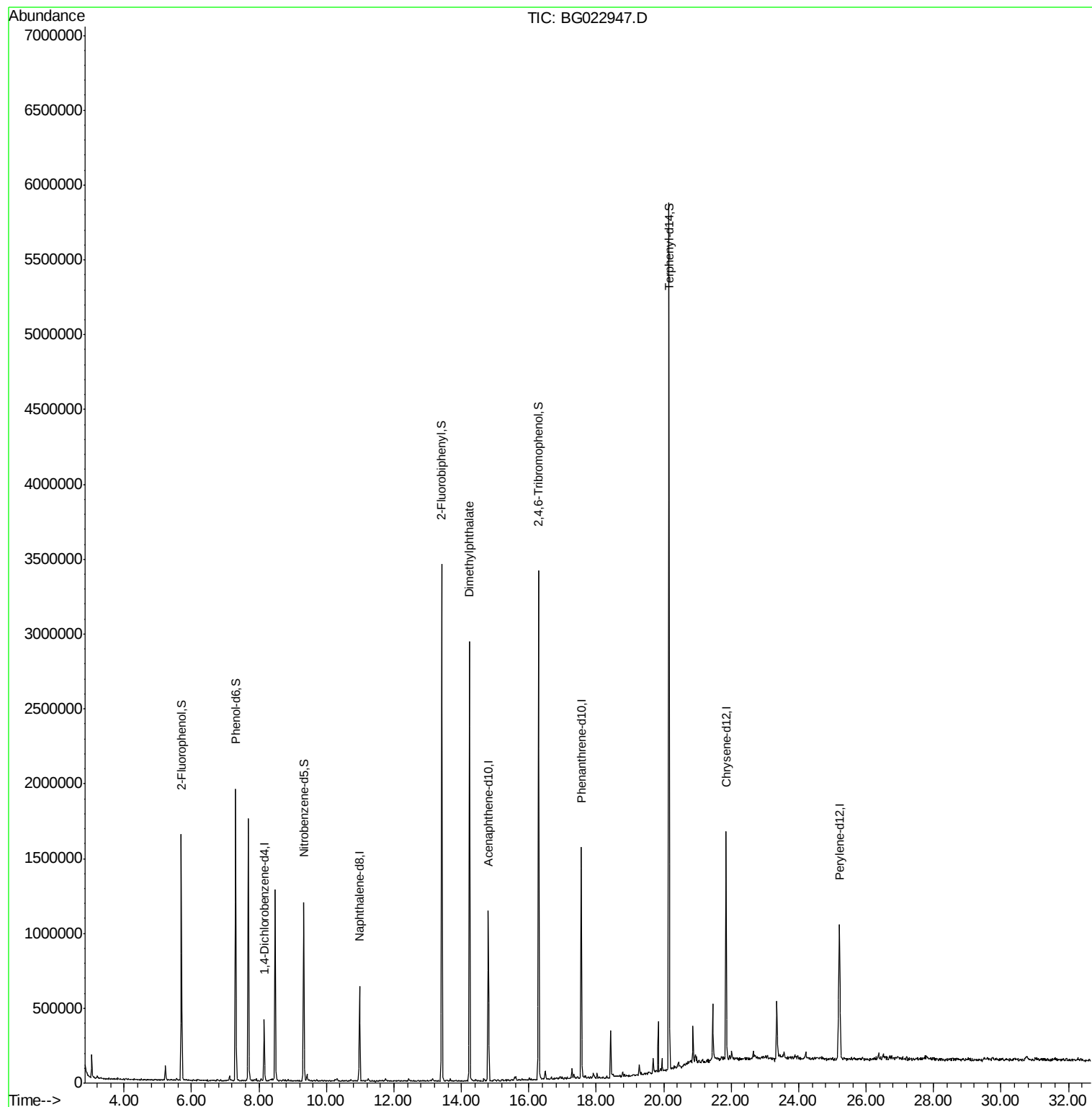
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100168	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	491584	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	388986	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	914341	20.00	ng	0.00
75) Chrysene-d12	21.84	240	986733	20.00	ng	0.00
86) Perylene-d12	25.21	264	1010619	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	676835	110.51	ng	0.00
7) Phenol-d6	7.31	99	1090984	113.73	ng	0.00
23) Nitrobenzene-d5	9.32	82	773415	67.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	648299	92.73	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1664751	67.41	ng	0.00
78) Terphenyl-d14	20.16	244	2410889	73.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	1777101	55.93	ng	# 95

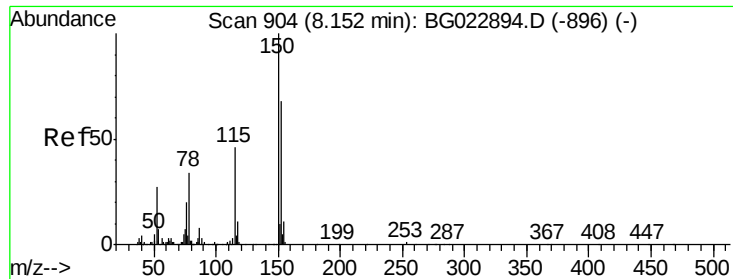
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

B-1

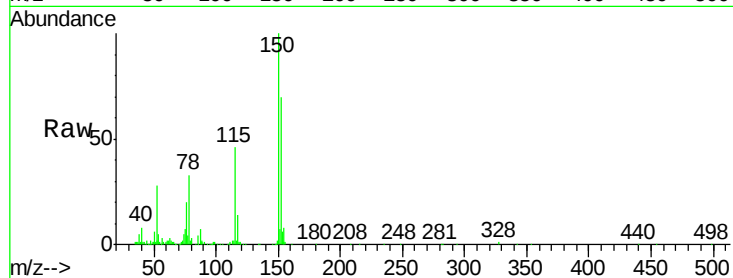
Tot Ion:152 Resp: 100168

Ion Ratio Lower Upper

152 100

150 142.3 144.7 217.1#

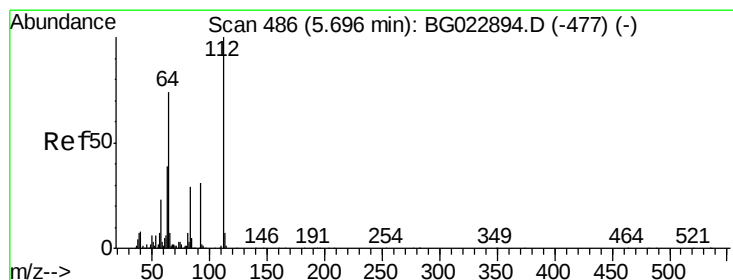
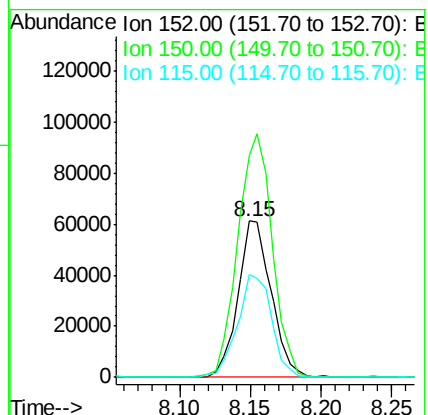
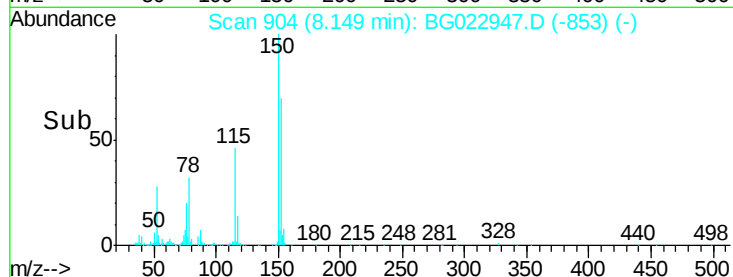
115 66.1 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.51 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

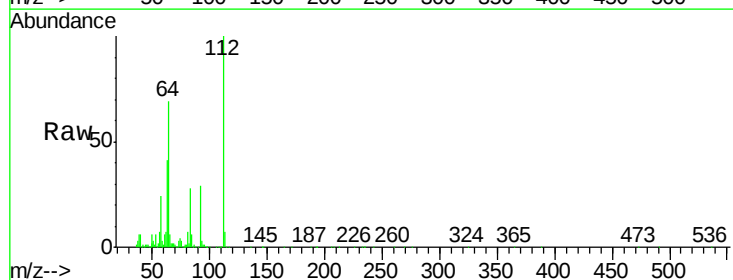
Tgt Ion:112 Resp: 676835

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

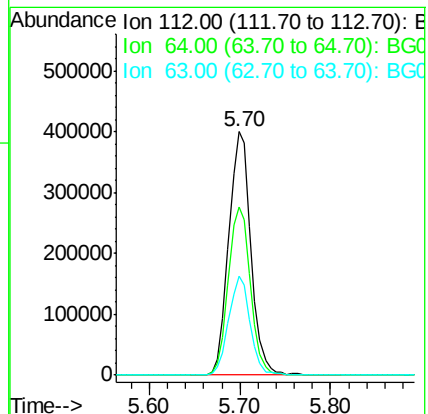
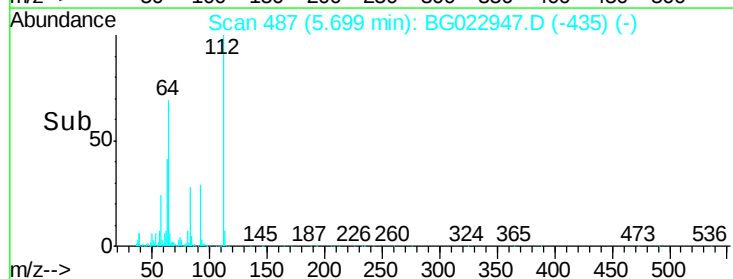
63 40.8 37.8 56.8

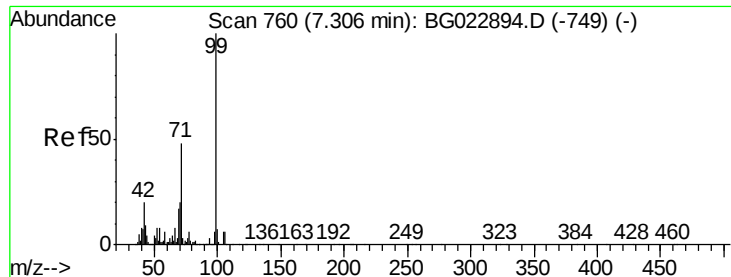


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.73 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

B-1

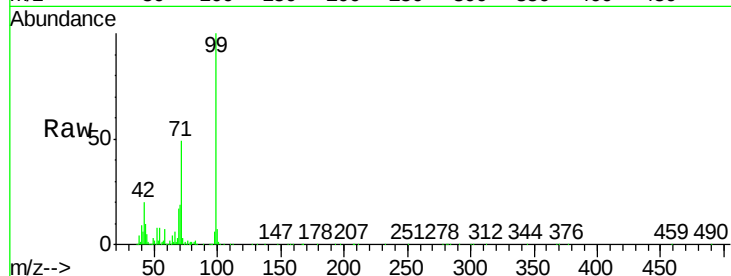
Tot Ion: 99 Resp: 1090984

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	49.4	41.5	62.3

99 100

42 20.2 17.8 26.6

71 49.4 41.5 62.3

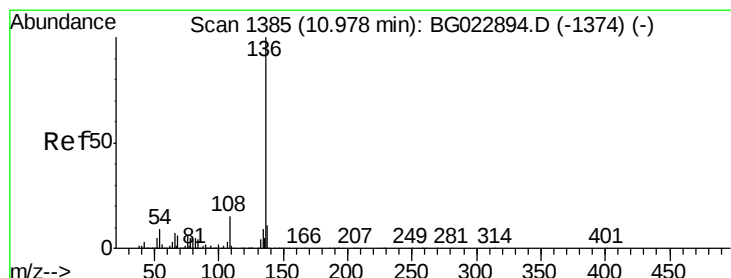
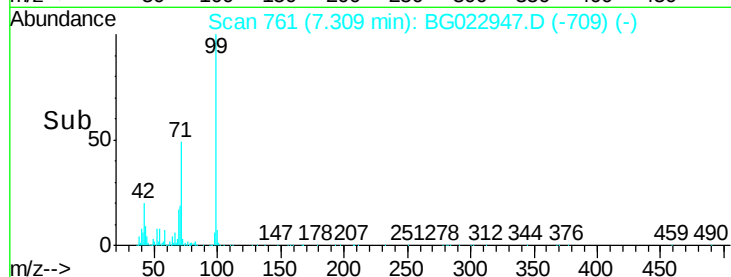
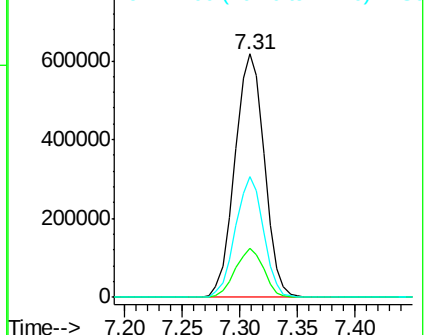


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Tgt Ion: 136 Resp: 491584

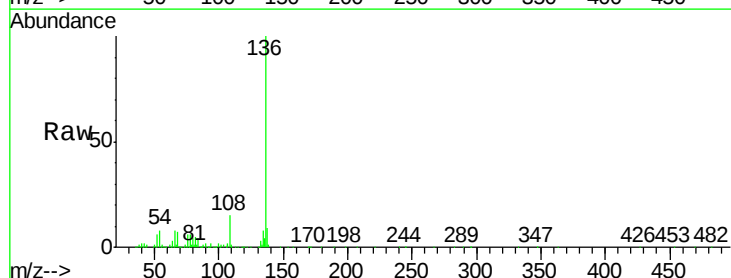
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.6	14.4#
54	8.3	7.3	10.9
68	6.9	5.3	7.9

136 100

137 9.1 9.6 14.4#

54 8.3 7.3 10.9

68 6.9 5.3 7.9



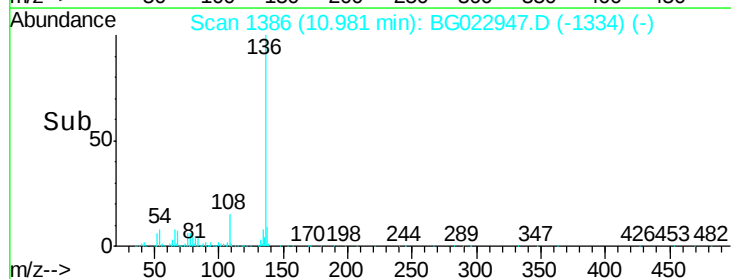
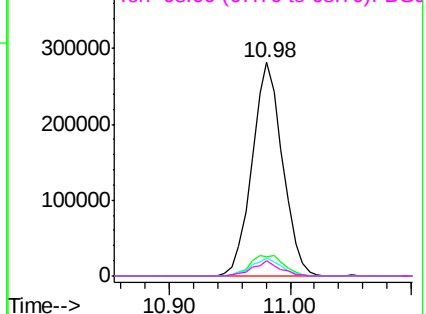
Abundance

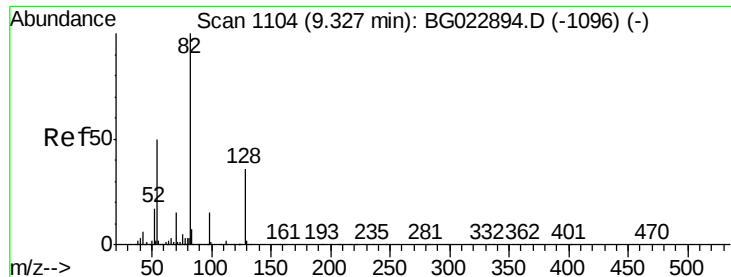
Ion 136.00 (135.70 to 136.70): BGC

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

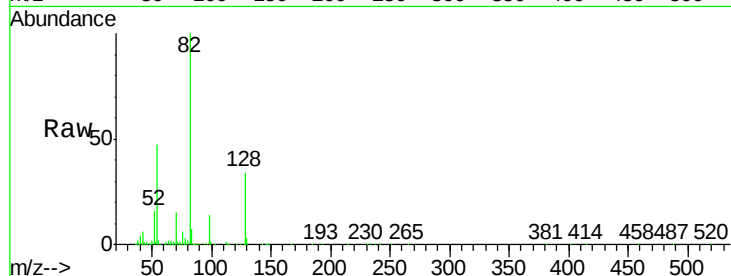




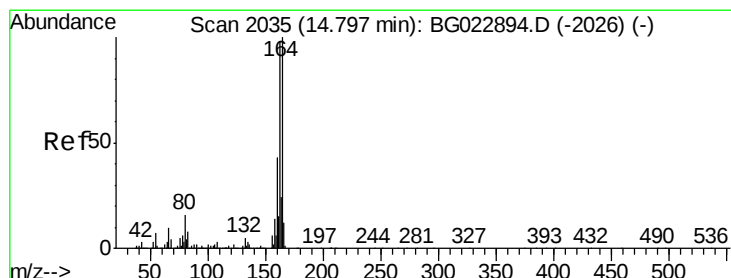
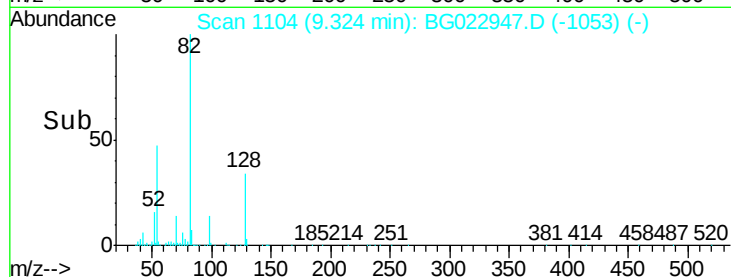
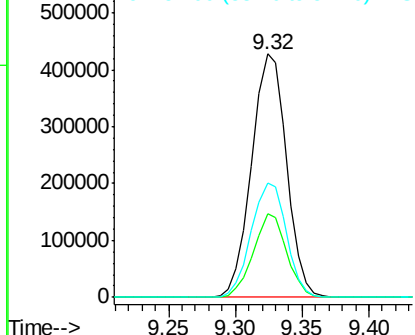
#23
 Nitrobenzene-d5
 Concen: 67.37 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Tot Ion: 82 Resp: 773415
 Ion Ratio Lower Upper
 82 100
 128 34.3 24.4 36.6
 54 46.8 41.4 62.0

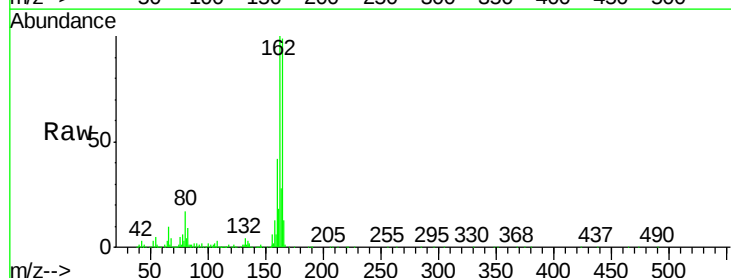


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

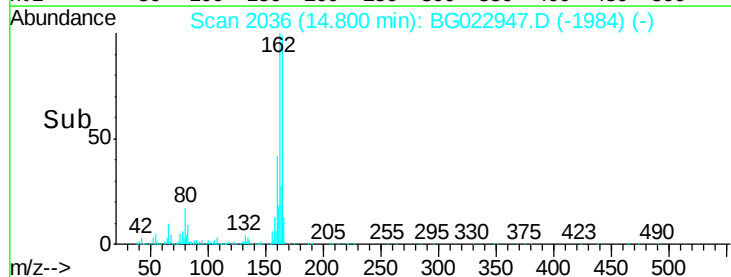
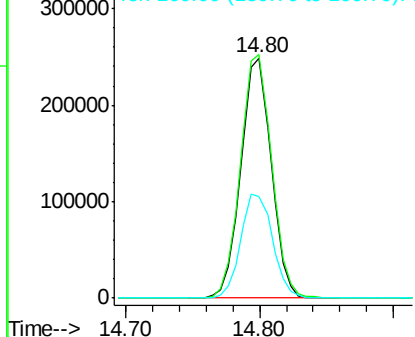


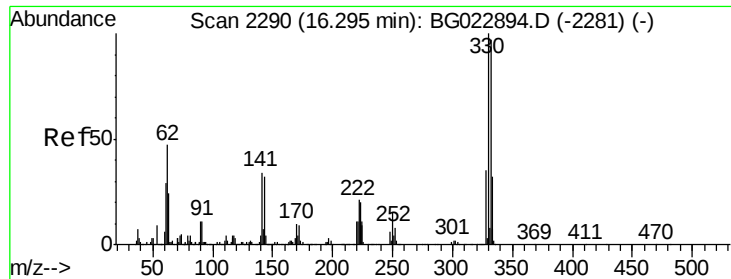
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Tgt Ion: 164 Resp: 388986
 Ion Ratio Lower Upper
 164 100
 162 101.4 87.7 131.5
 160 42.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

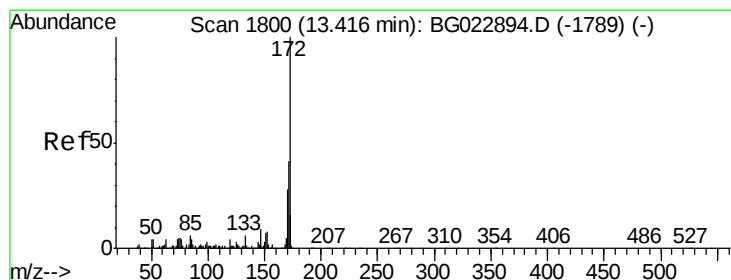
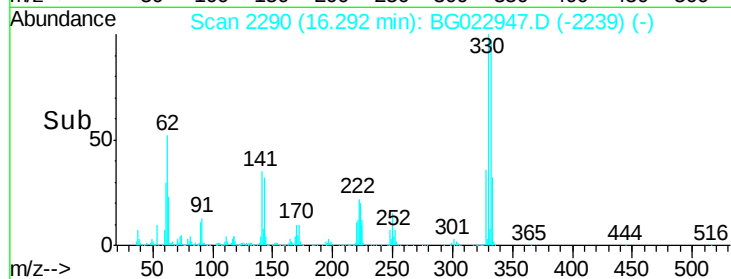
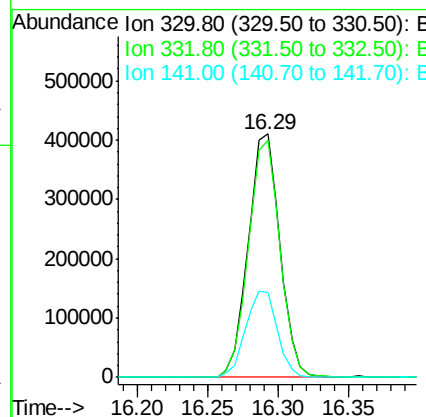
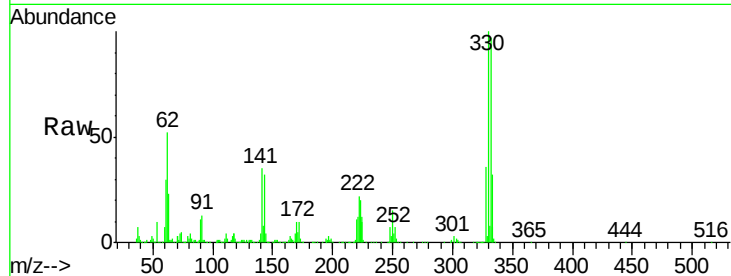




#41
 2,4,6-Tribromophenol
 Concen: 92.73 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

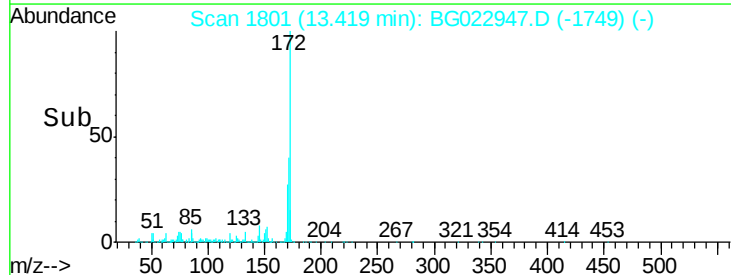
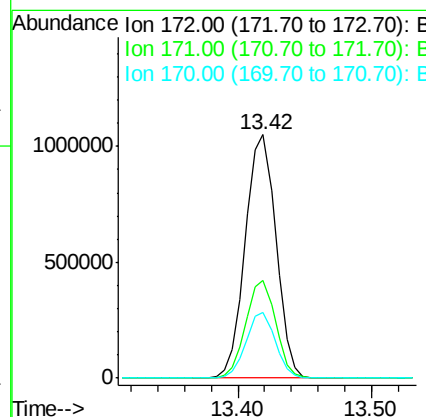
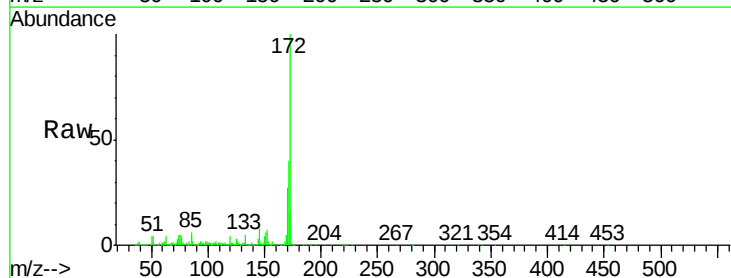
Instrument :
 BNA_G
 ClientSampleId :
 B-1

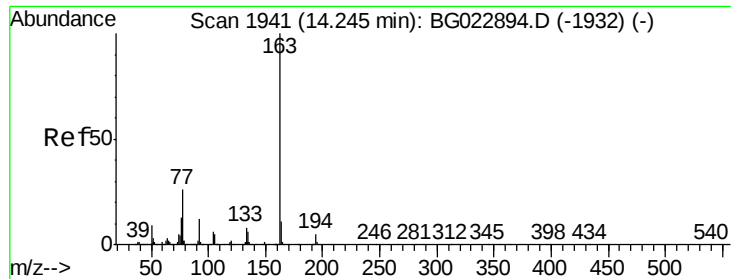
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	35.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 67.41 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	27.1	21.3	31.9





#49

Dimethylphthalate

Concen: 55.93 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

B-1

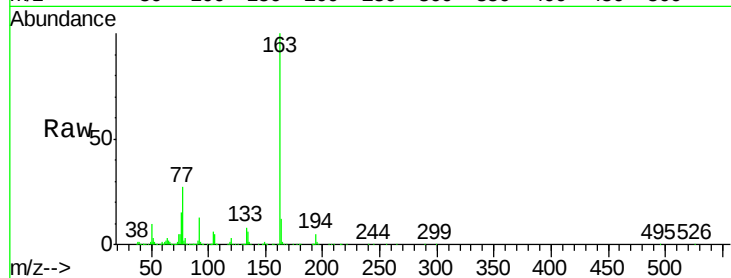
Tot Ion:163 Resp: 1777101

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

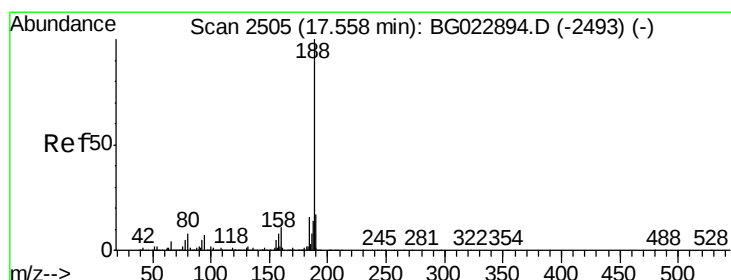
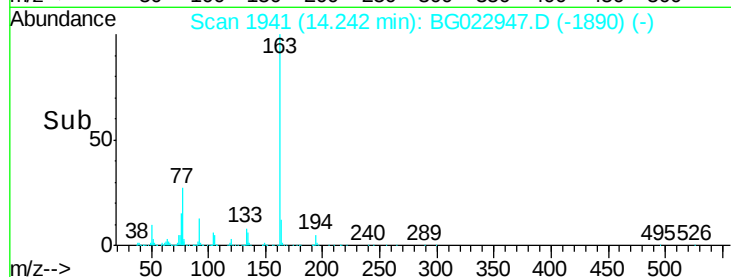
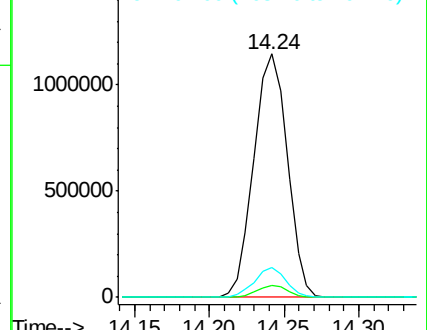
164 12.2 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

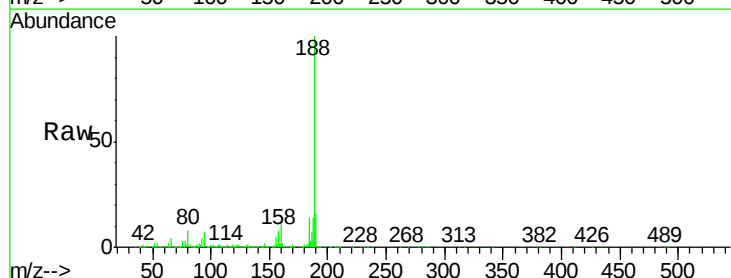
Tgt Ion:188 Resp: 914341

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

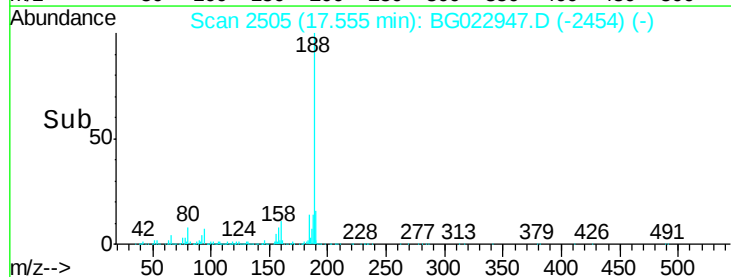
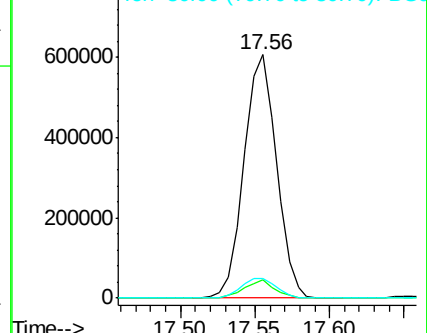
80 8.1 7.2 10.8

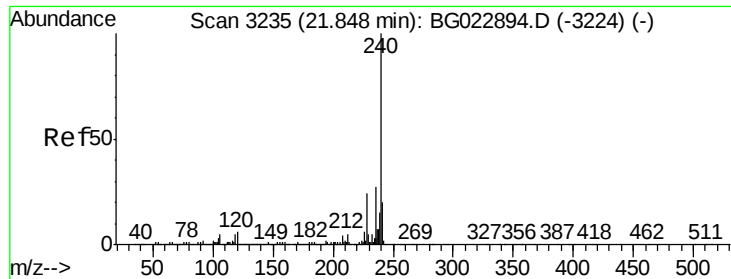


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

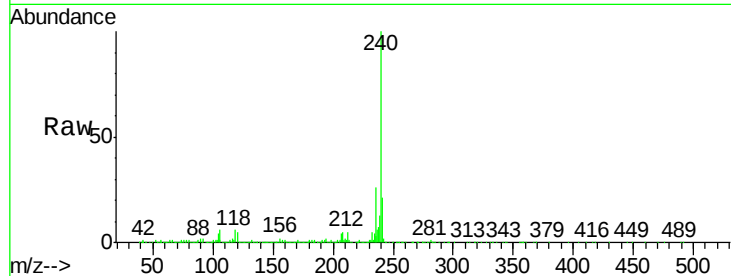
BNA_G

ClientSampleId :

B-1

Tot Ion:240 Resp: 986733

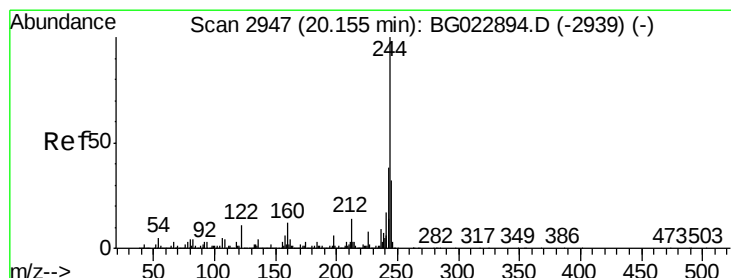
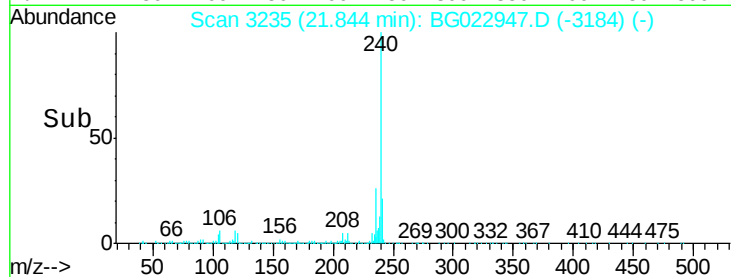
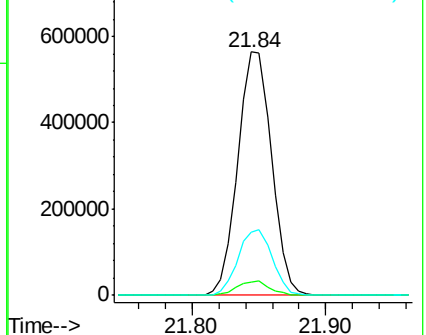
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	25.7	21.1	31.7



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



#78

Terphenyl-d14

Concen: 73.63 ng

RT: 20.16 min Scan# 2948

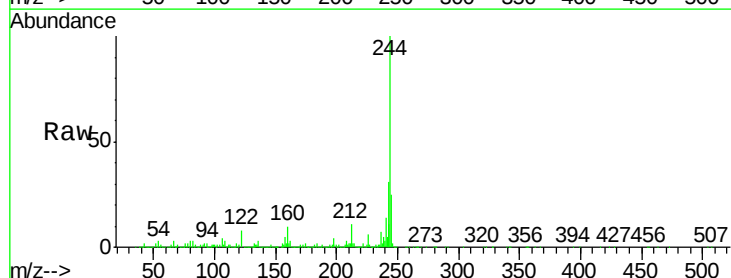
Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Tgt Ion:244 Resp: 2410889

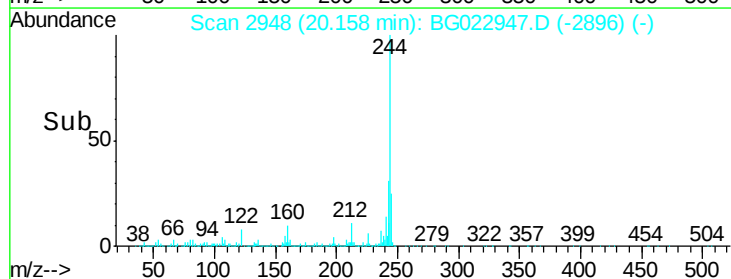
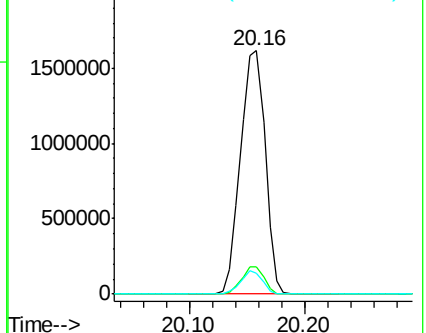
Ion	Ratio	Lower	Upper
244	100		
212	11.5	10.8	16.2
122	8.4	8.0	12.0

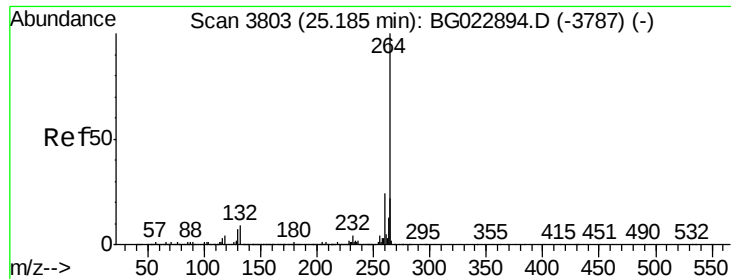


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

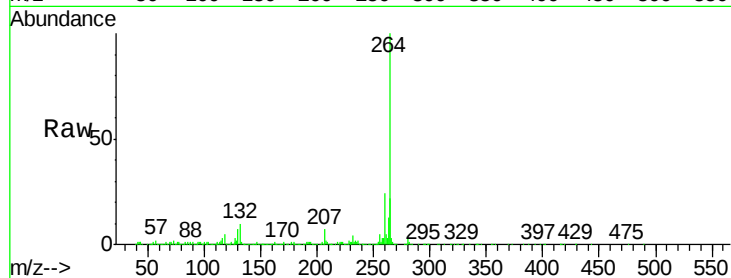




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. 0.02 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Tot Ion:264 Resp: 1010619
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.2 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

