

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022961.D
 Acq On : 9 Jul 2016 12:05
 Operator : UM/SJ
 Sample : PB91974BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91974BL

Quant Time: Jul 11 01:20:26 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	82333	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	382769	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	305336	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	801356	20.00	ng	0.00
75) Chrysene-d12	21.85	240	876821	20.00	ng	0.00
86) Perylene-d12	25.20	264	878372	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	469722	93.31	ng	0.00
7) Phenol-d6	7.31	99	732776	92.94	ng	0.00
23) Nitrobenzene-d5	9.32	82	749823	83.88	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	427143	77.84	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1654983	85.38	ng	0.00
78) Terphenyl-d14	20.16	244	2668804	106.14	ng	0.00

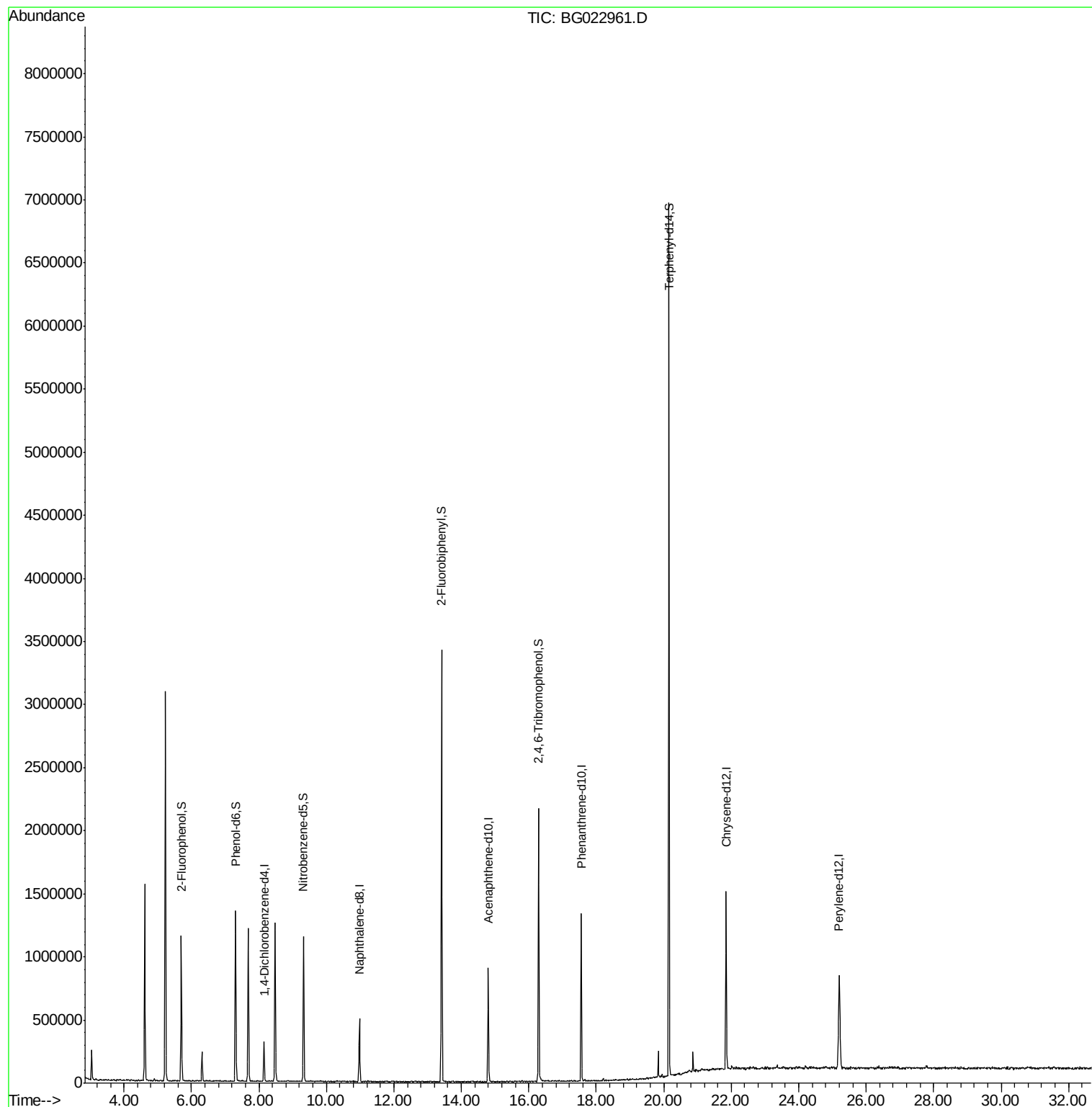
Target Compounds Qvalue

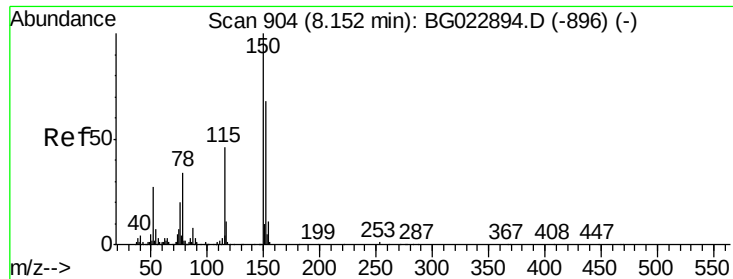
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022961.D

Acq: 9 Jul 2016 12:05

Instrument :

BNA_G

ClientSampleId :

PB91974BL

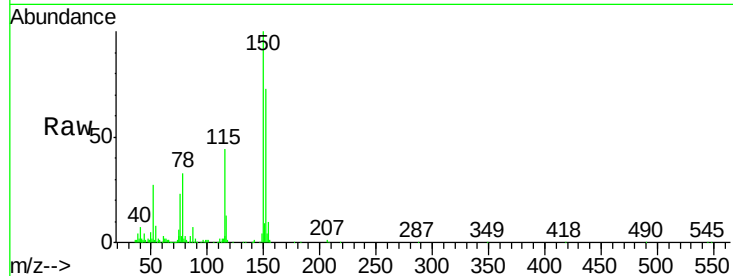
Tot Ion:152 Resp: 82333

Ion Ratio Lower Upper

152 100

150 137.5 144.7 217.1#

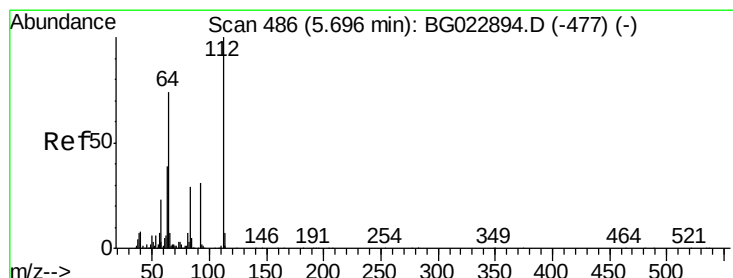
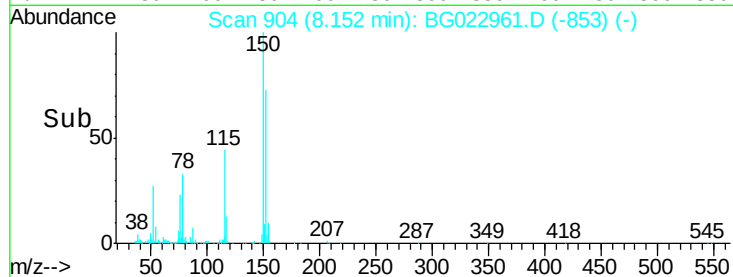
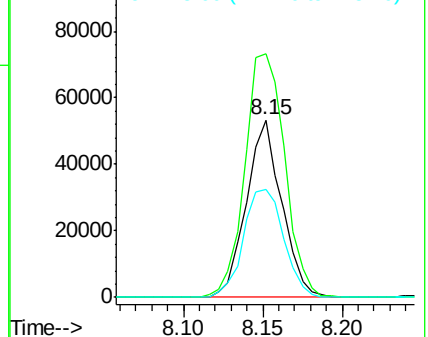
115 61.1 64.0 96.0#



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: 93.31 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

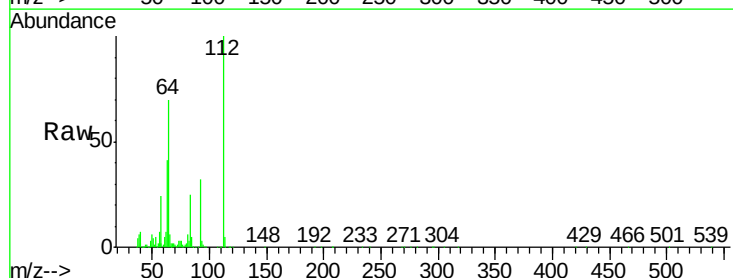
Tgt Ion:112 Resp: 469722

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

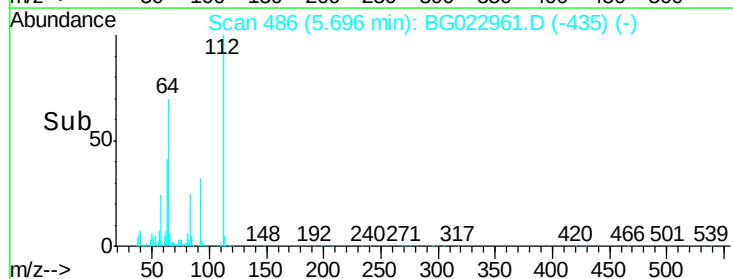
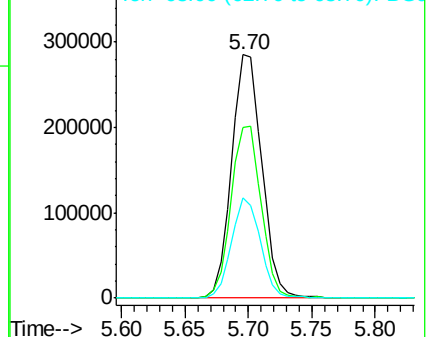
63 41.3 37.8 56.8

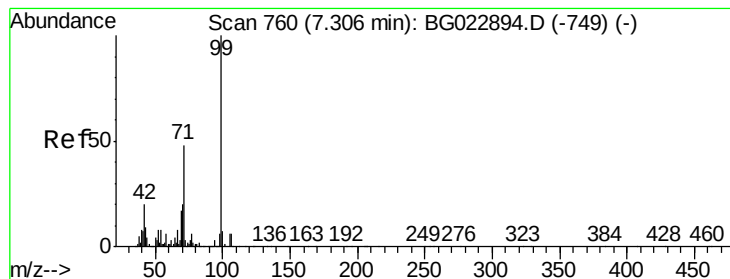


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.94 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

Instrument :

BNA_G

ClientSampleID :

PB91974BL

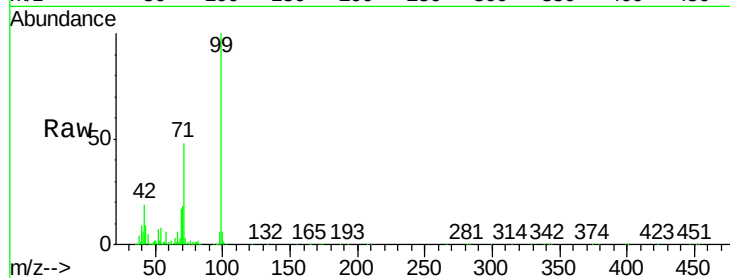
Tot Ion: 99 Resp: 732776

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	48.3	41.5	62.3

99 100

42 19.3 17.8 26.6

71 48.3 41.5 62.3

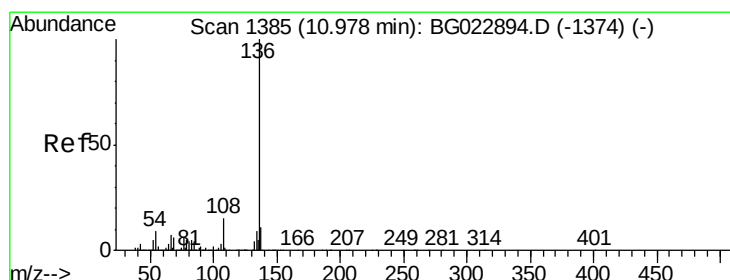
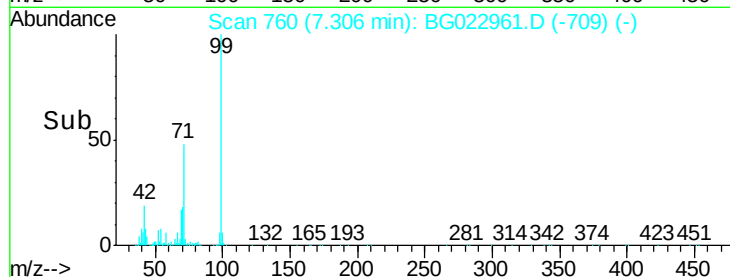
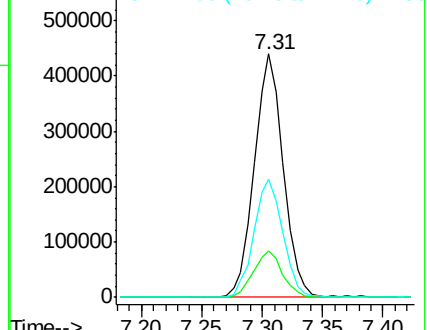


Abundance

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# 1385

Delta R.T. -0.00 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

Tgt Ion: 136 Resp: 382769

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.1	7.3	10.9
68	6.0	5.3	7.9

136 100

137 11.4 9.6 14.4

54 9.1 7.3 10.9

68 6.0 5.3 7.9

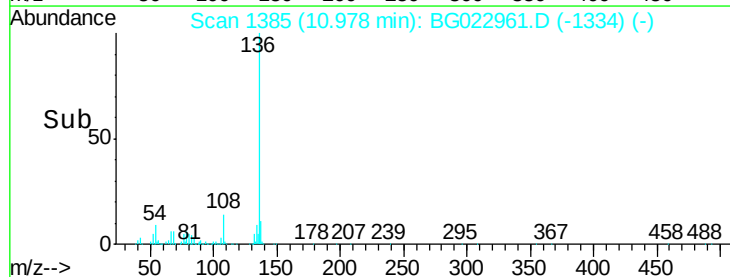
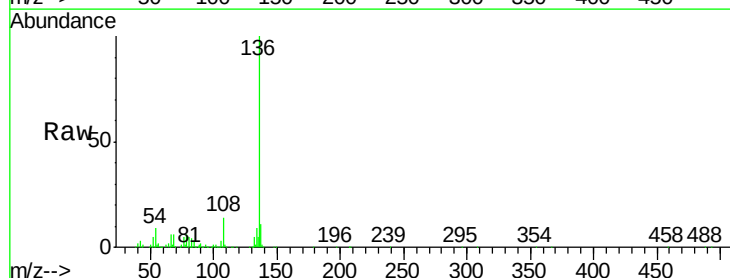
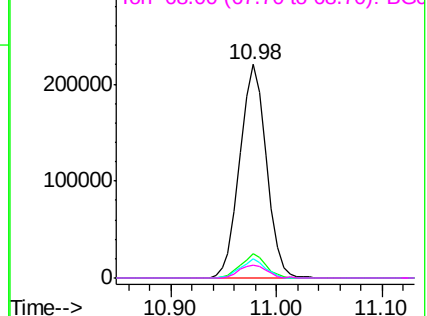
Abundance

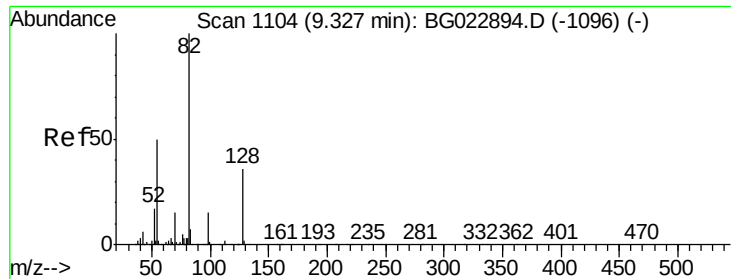
Ion 136.00 (135.70 to 136.70): BGC

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

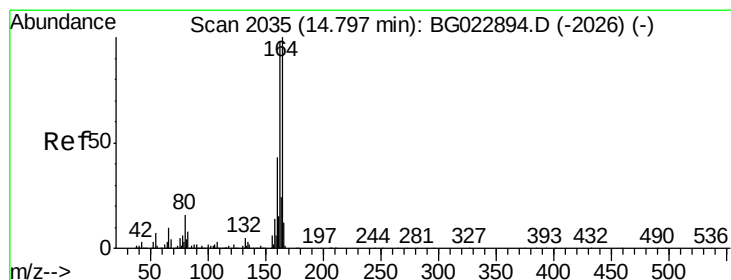
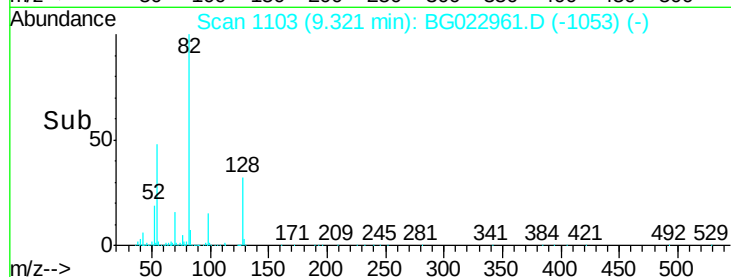
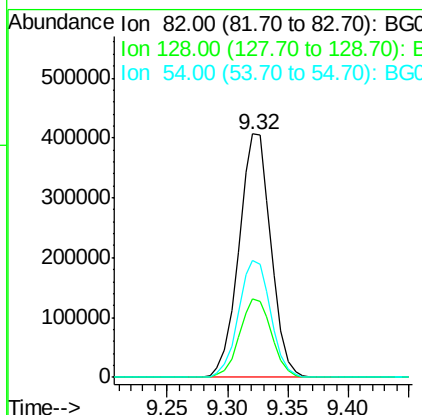
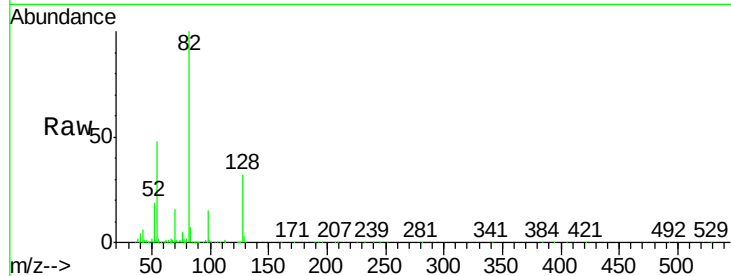




#23
 Nitrobenzene-d5
 Concen: 83.88 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022961.D
 Acq: 9 Jul 2016 12:05

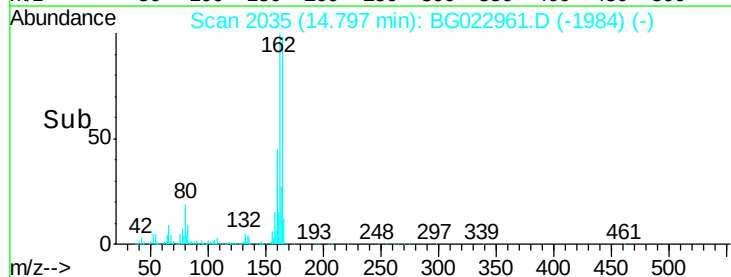
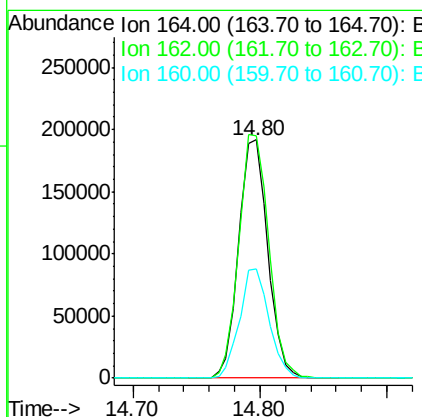
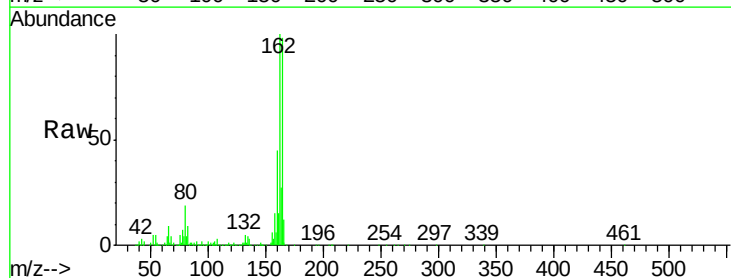
Instrument :
 BNA_G
 ClientSampled :
 PB91974BL

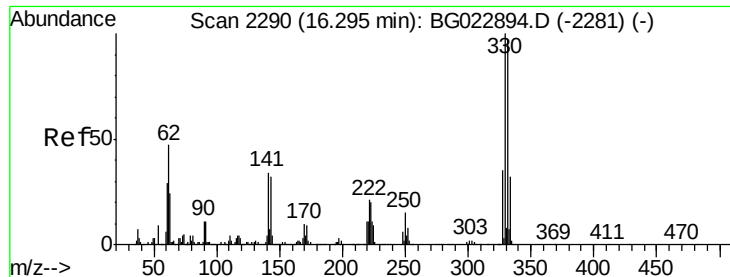
Tot Ion	82	Resp	749823
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	48.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022961.D
 Acq: 9 Jul 2016 12:05

Tgt Ion	164	Resp	305336
Ion Ratio	Lower	Upper	
164	100		
162	101.6	87.7	131.5
160	45.6	37.2	55.8

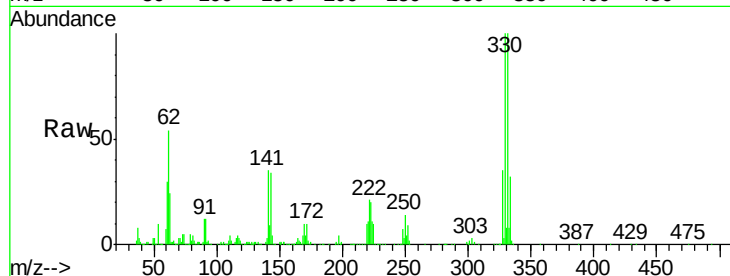




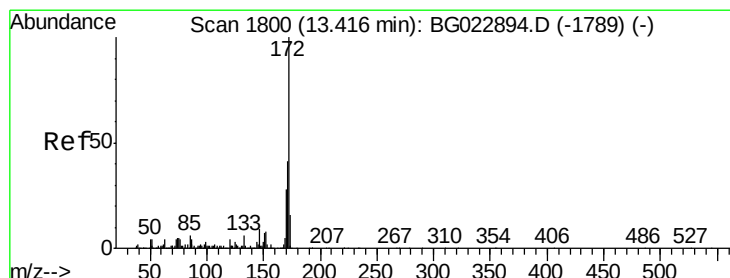
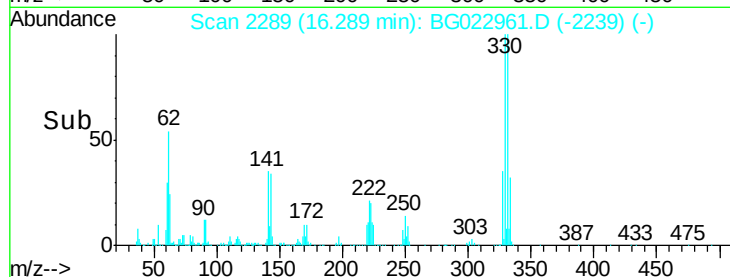
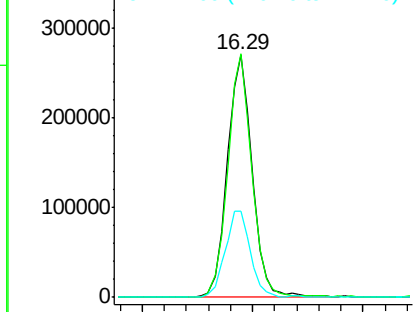
#41
 2,4,6-Tribromophenol
 Concen: 77.84 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022961.D
 Acq: 9 Jul 2016 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB91974BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	36.1	31.7	47.5

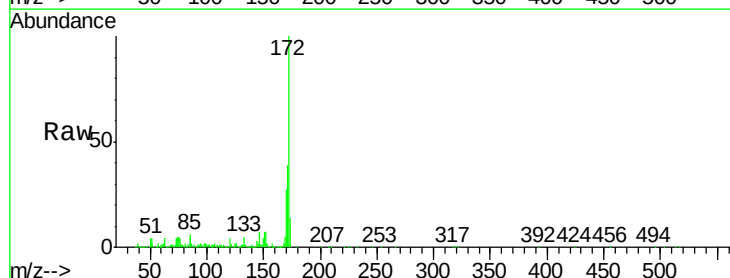


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

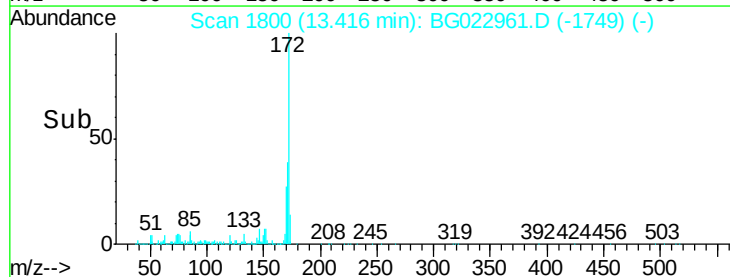
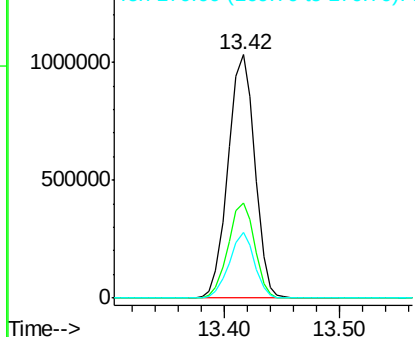


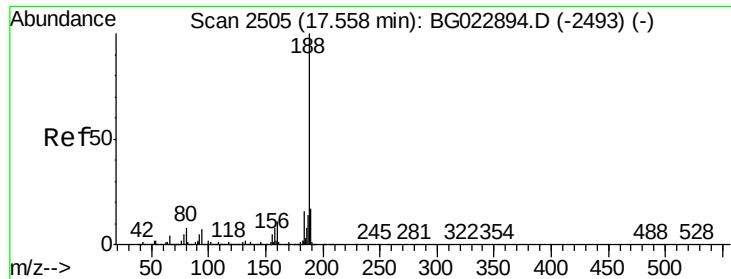
#44
 2-Fluorobiphenyl
 Concen: 85.38 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022961.D
 Acq: 9 Jul 2016 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.6	47.4
170	27.1	21.3	31.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

Instrument :

BNA_G

ClientSampleId :

PB91974BL

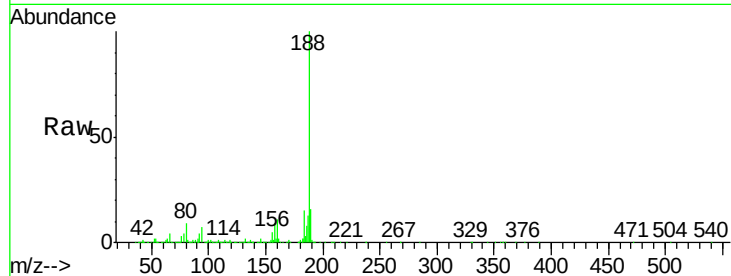
Tot Ion:188 Resp: 801356

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

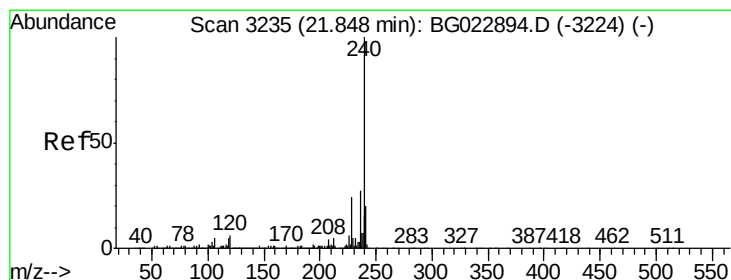
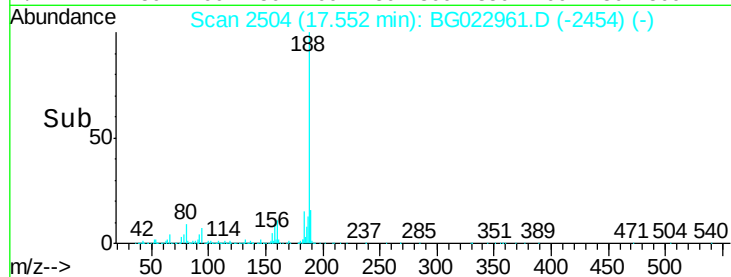
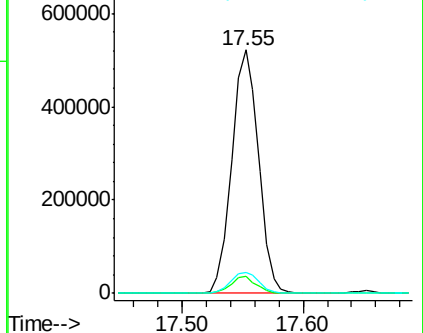
80 8.8 7.2 10.8



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

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

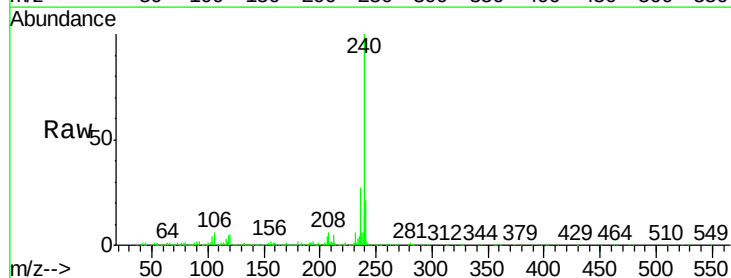
Tgt Ion:240 Resp: 876821

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

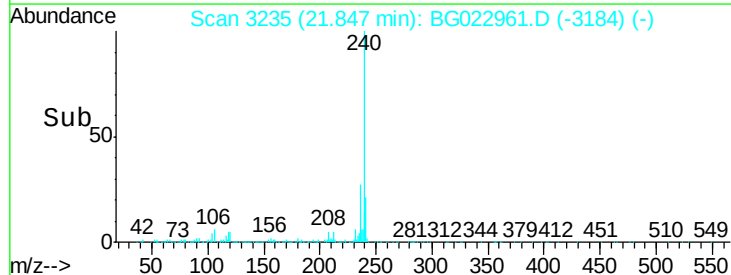
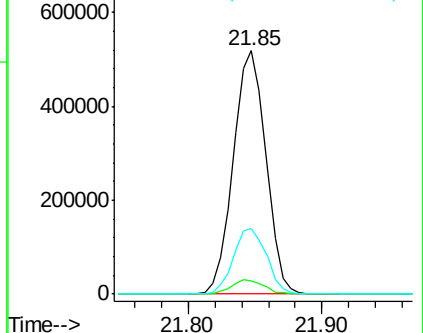
236 27.1 21.1 31.7

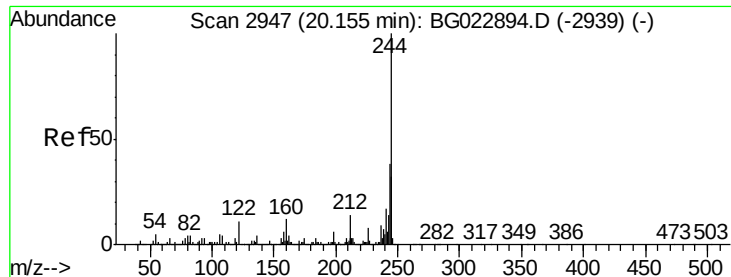


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.14 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

Instrument :

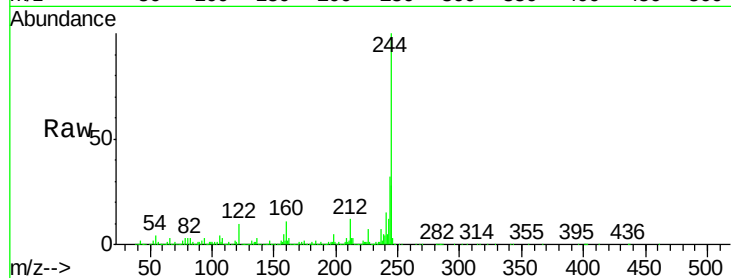
BNA_G

ClientSampleId :

PB91974BL

Tot Ion:244 Resp: 2668804

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.8	16.2
122	9.6	8.0	12.0

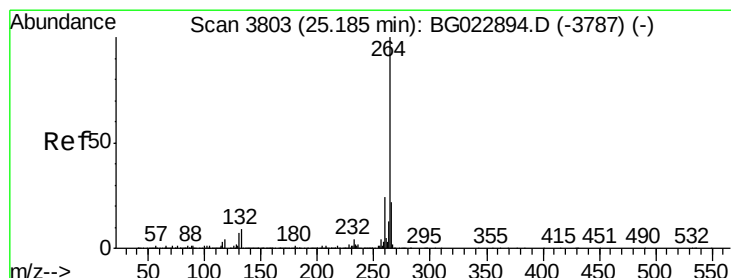
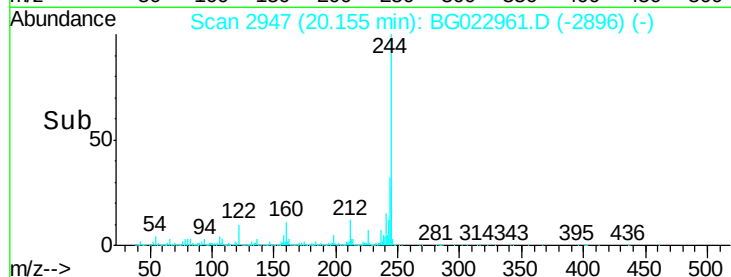
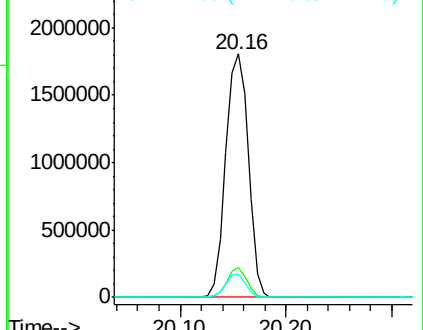


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3805

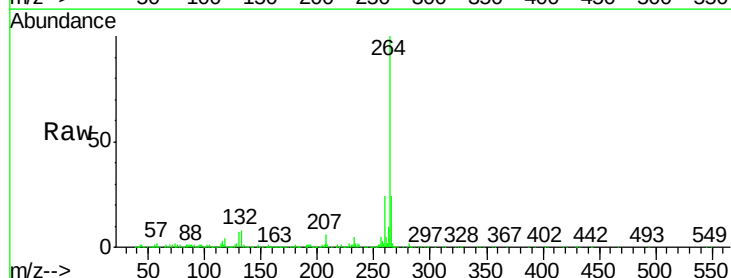
Delta R.T. 0.01 min

Lab File: BG022961.D

Acq: 9 Jul 2016 12:05

Tgt Ion:264 Resp: 878372

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	24.0	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

