

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022952.D
 Acq On : 9 Jul 2016 5:26
 Operator : UM/SJ
 Sample : PB91977BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BL

Quant Time: Jul 09 06:24:00 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	86996	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	392873	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	323905	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	821566	20.00	ng	0.00
75) Chrysene-d12	21.84	240	900735	20.00	ng	0.00
86) Perylene-d12	25.20	264	903501	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	747836	140.59	ng	0.00
7) Phenol-d6	7.31	99	1171069	140.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	823298	89.73	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	693160	119.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1799225	87.50	ng	0.00
78) Terphenyl-d14	20.16	244	2778491	108.96	ng	0.00

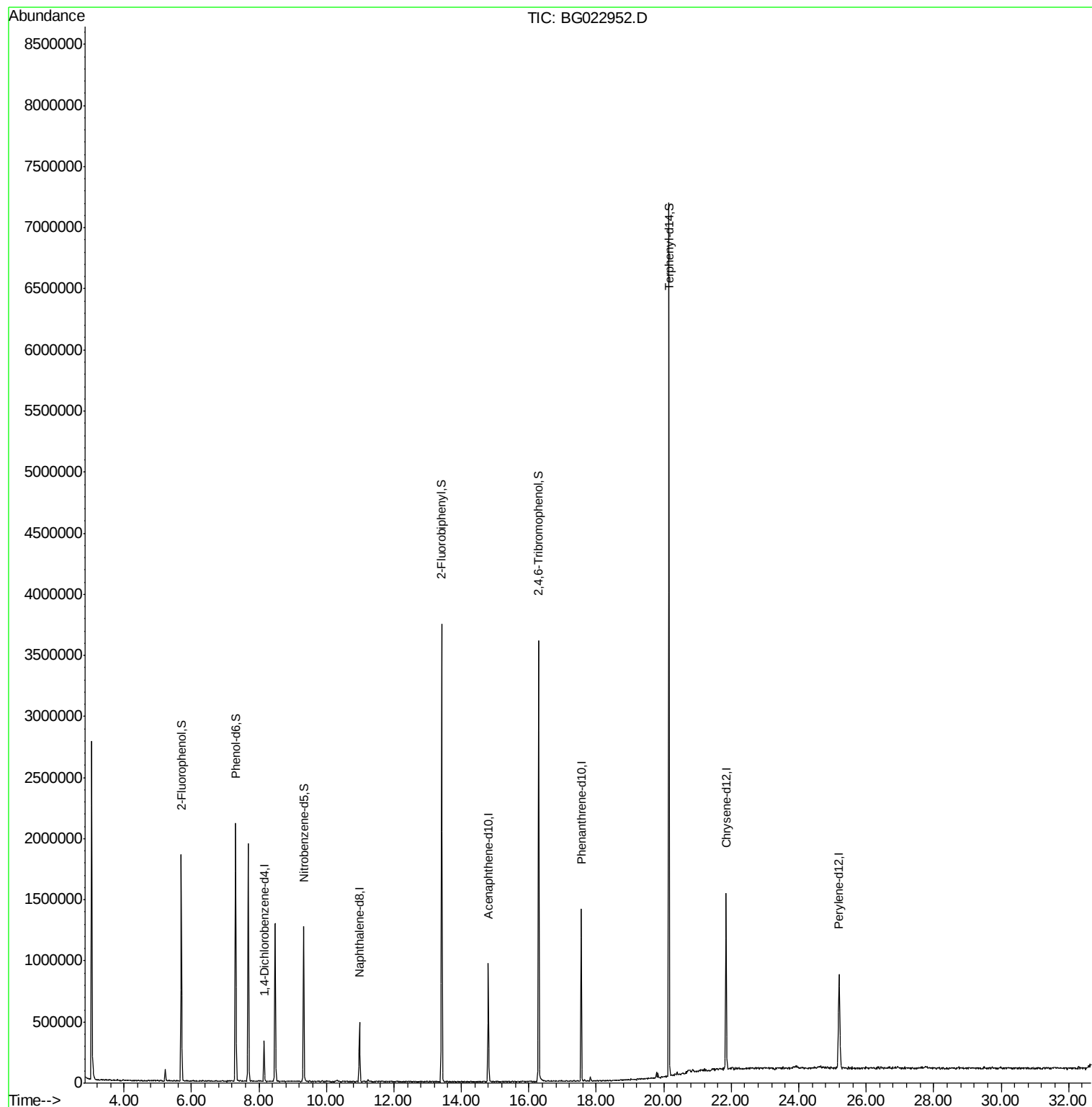
Target Compounds Qvalue

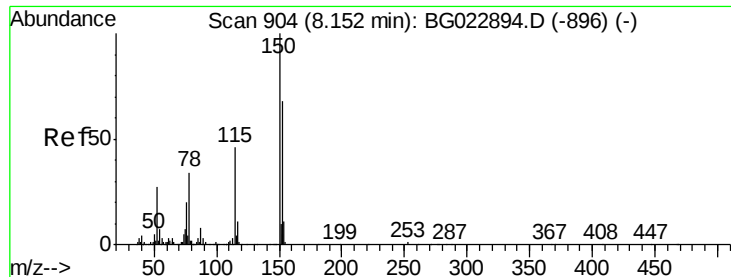
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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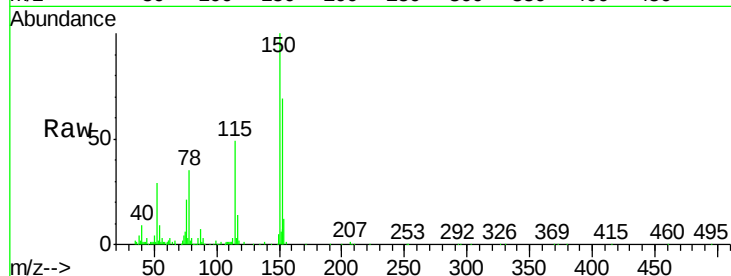


#1

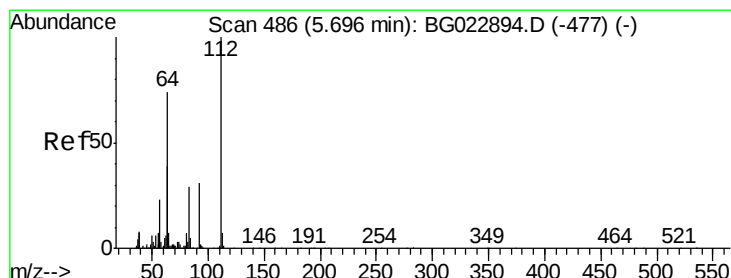
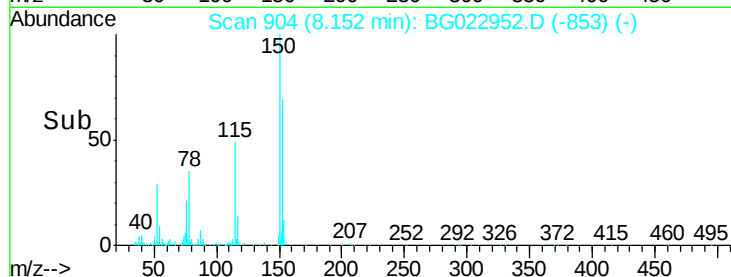
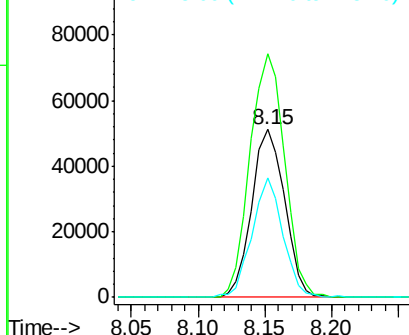
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG022952.D
Acq: 9 Jul 2016 5:26

Instrument :
BNA_G
ClientSampleID :
PB91977BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	144.7	217.1
115	71.2	64.0	96.0



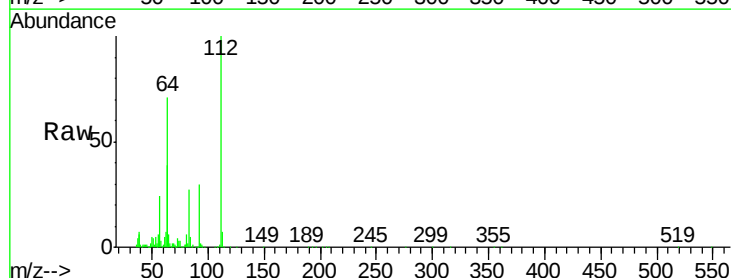
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



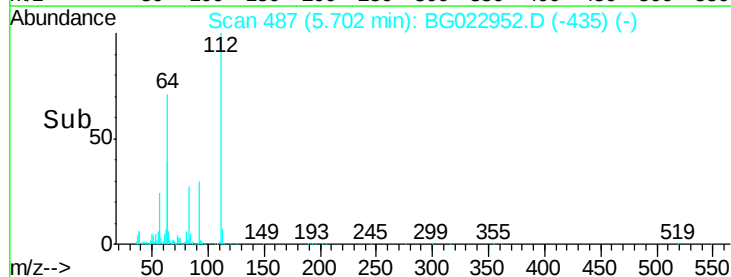
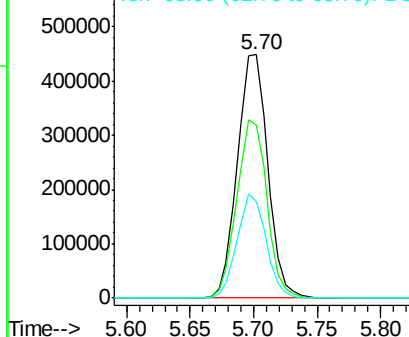
#5

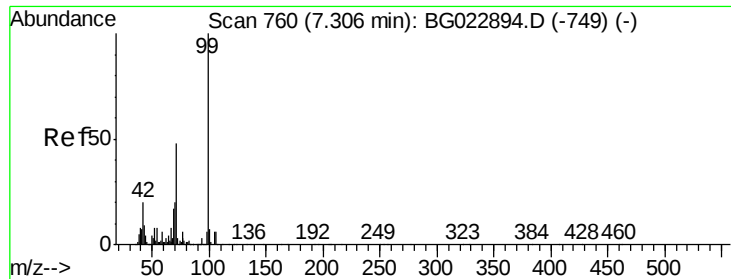
2-Fluorophenol
Concen: 140.59 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG022952.D
Acq: 9 Jul 2016 5:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.0	88.4
63	39.4	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: 140.57 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022952.D

Acq: 9 Jul 2016 5:26

Instrument :

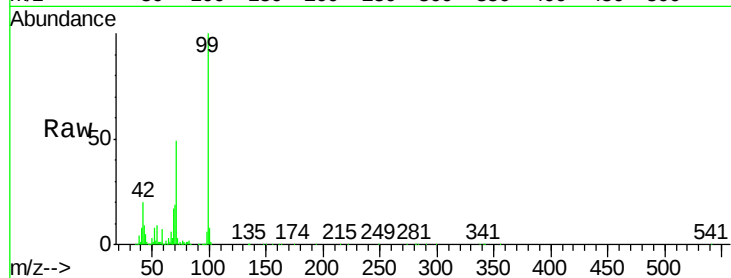
BNA_G

ClientSampleId :

PB91977BL

Tot Ion: 99 Resp: 1171069

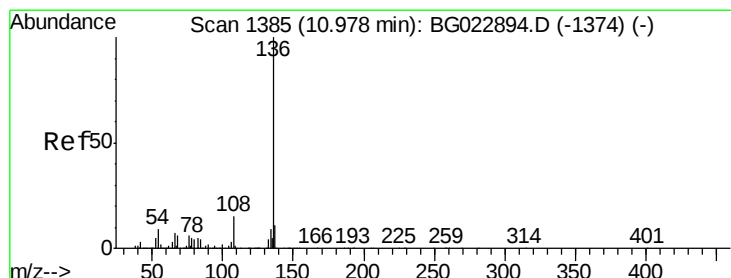
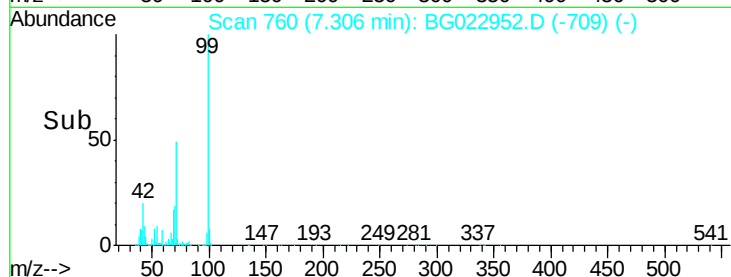
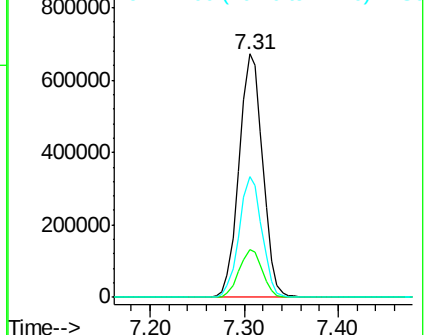
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	49.4	41.5	62.3



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

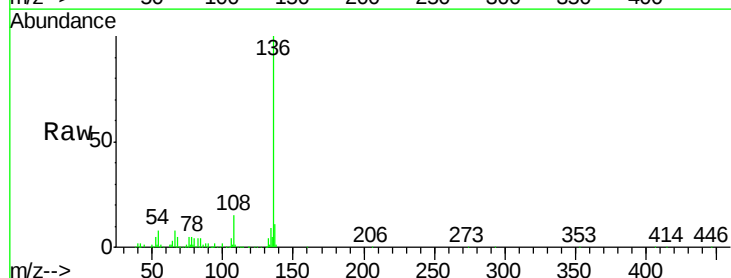
Delta R.T. 0.01 min

Lab File: BG022952.D

Acq: 9 Jul 2016 5:26

Tgt Ion: 136 Resp: 392873

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	7.8	7.3	10.9
68	5.3	5.3	7.9

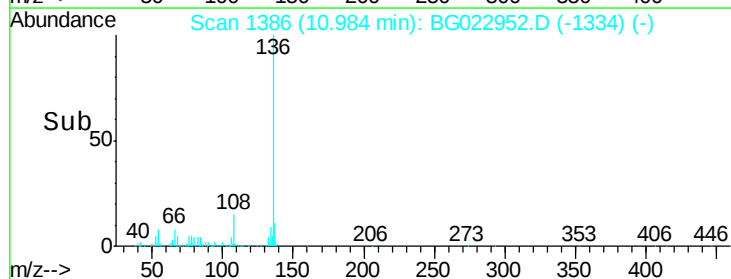
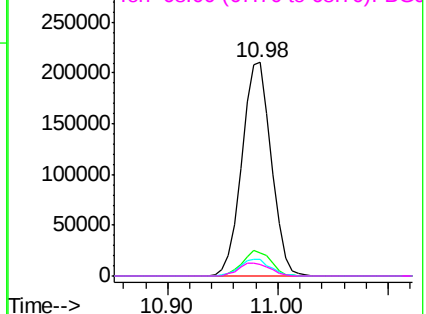


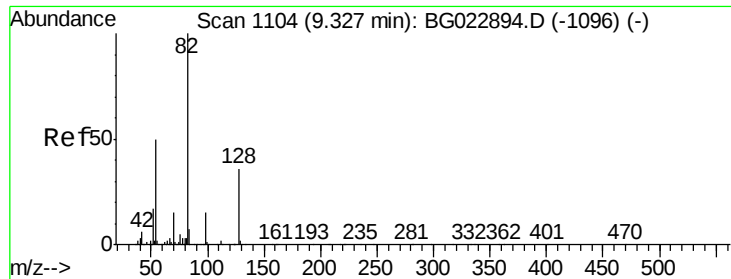
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

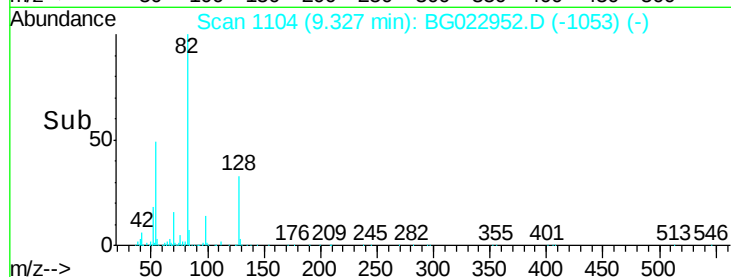
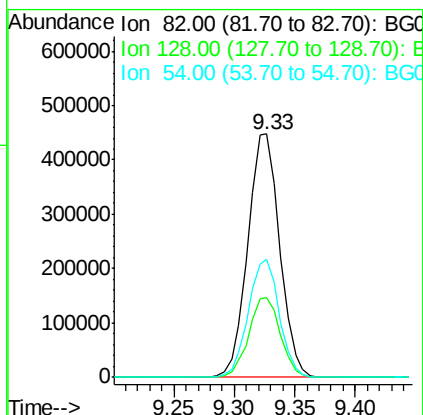
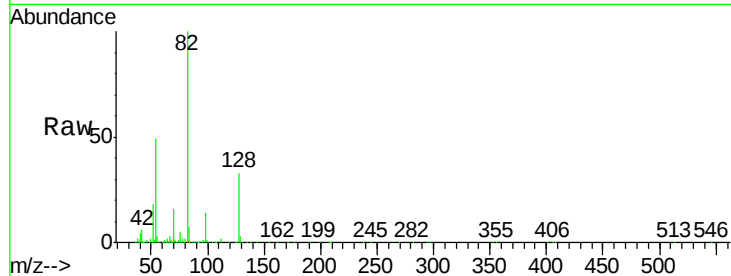




#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG022952.D
Acq: 9 Jul 2016 5:26

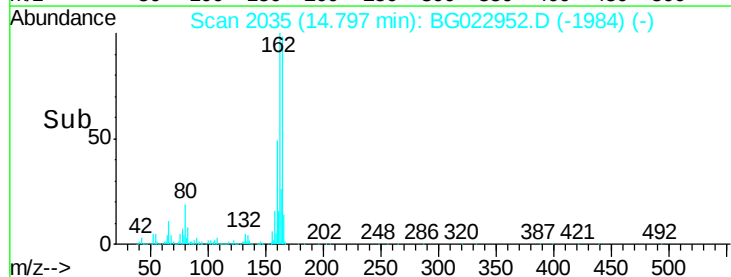
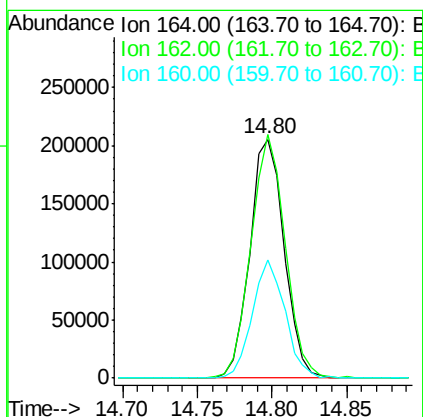
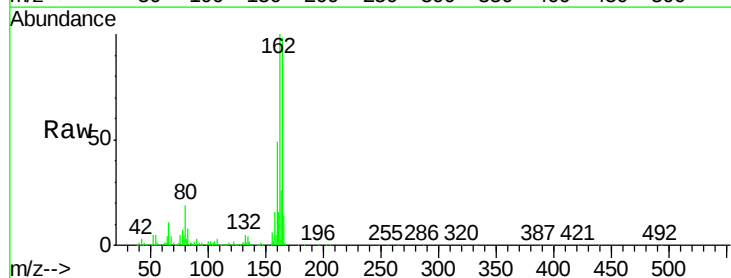
Instrument :
BNA_G
ClientSampleId :
PB91977BL

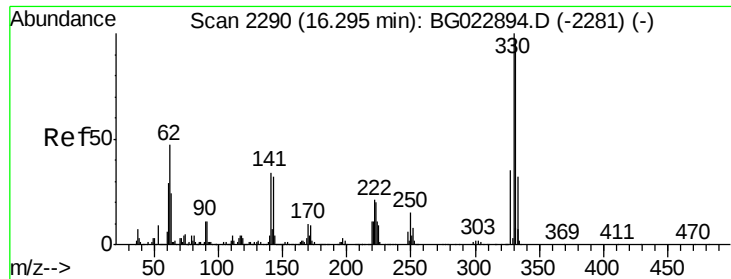
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	48.6	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG022952.D
Acq: 9 Jul 2016 5:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	87.7	131.5
160	49.5	37.2	55.8

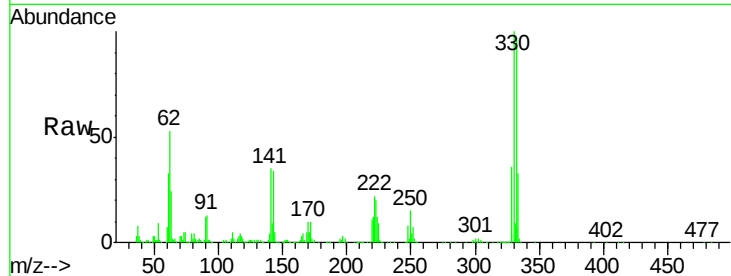




#41
 2,4,6-Tribromophenol
 Concen: 119.07 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022952.D
 Acq: 9 Jul 2016 5:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	35.1	31.7	47.5

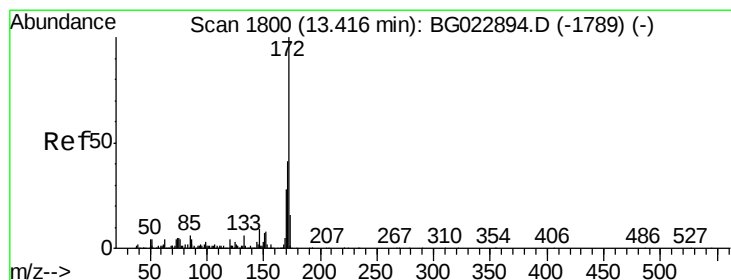
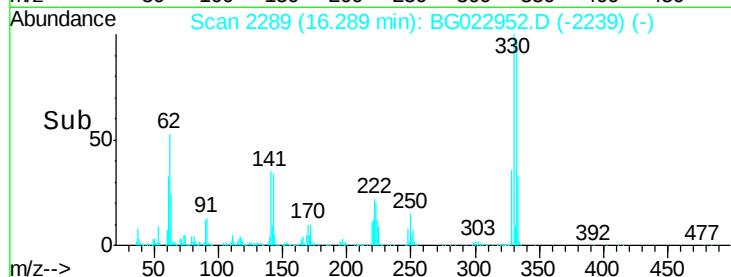
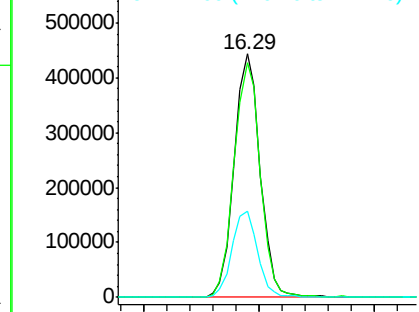


Abundance

Ion 329.80 (329.50 to 330.50): E

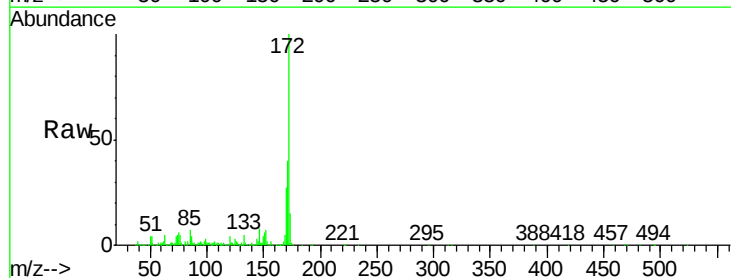
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG022952.D
 Acq: 9 Jul 2016 5:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	26.6	21.3	31.9

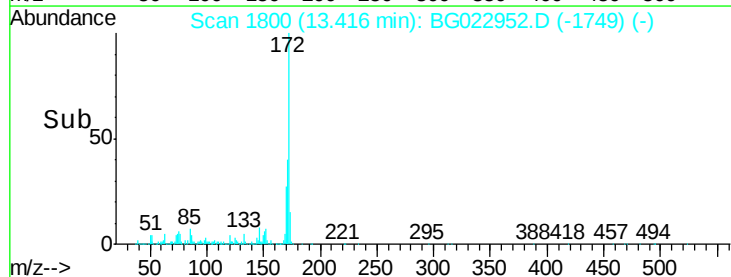
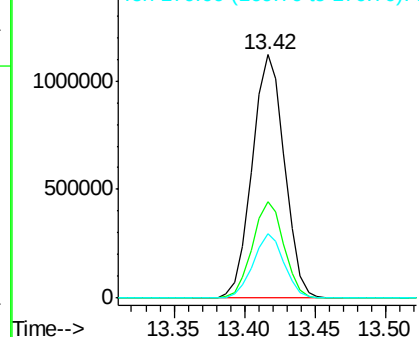


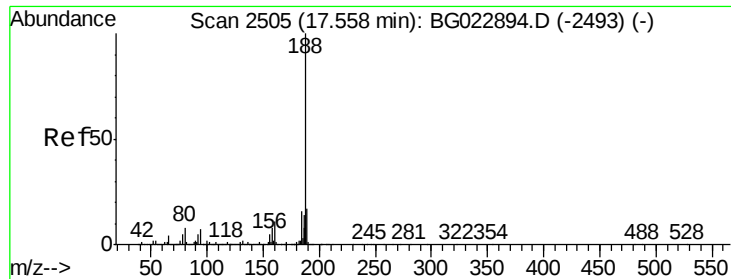
Abundance

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: BG022952.D

Acq: 9 Jul 2016 5:26

Instrument :

BNA_G

ClientSampleId :

PB91977BL

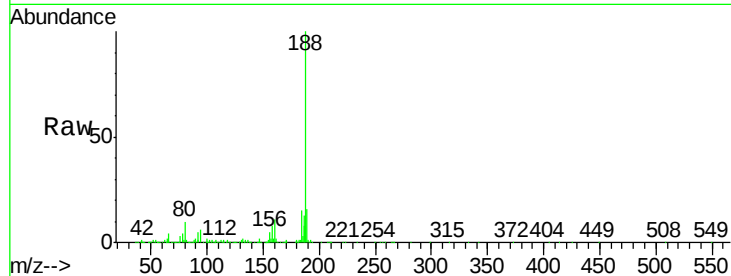
Tot Ion:188 Resp: 821566

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

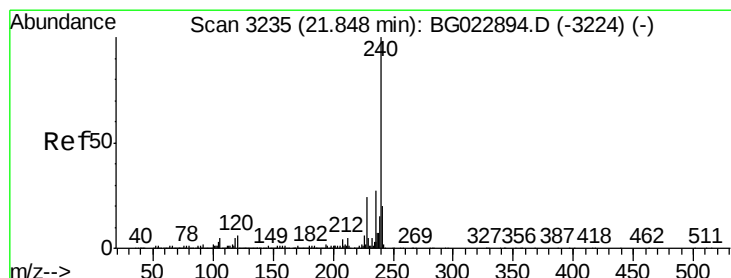
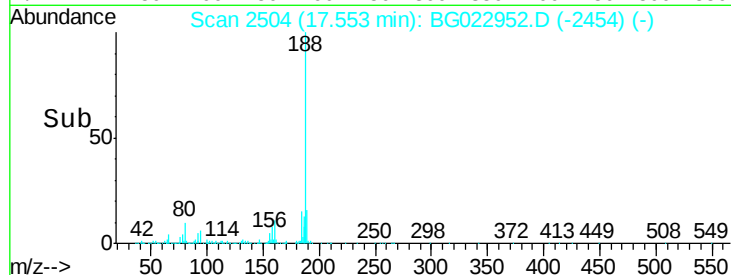
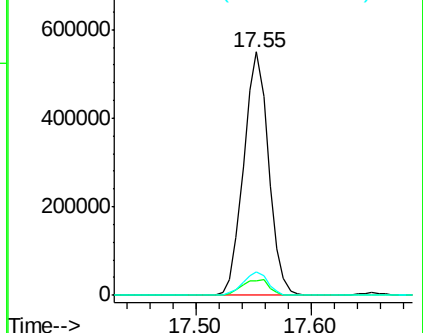
80 9.9 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022952.D

Acq: 9 Jul 2016 5:26

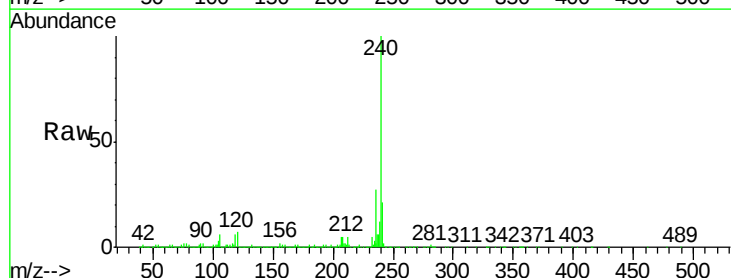
Tgt Ion:240 Resp: 900735

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

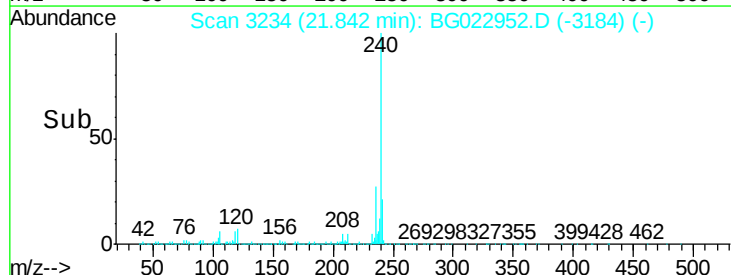
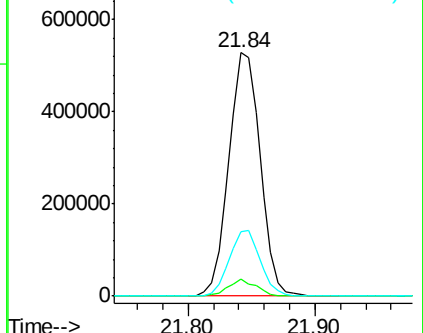
236 26.7 21.1 31.7

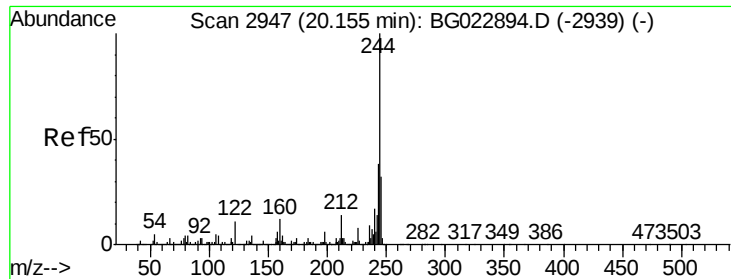


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.96 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022952.D

Acq: 9 Jul 2016 5:26

Instrument :

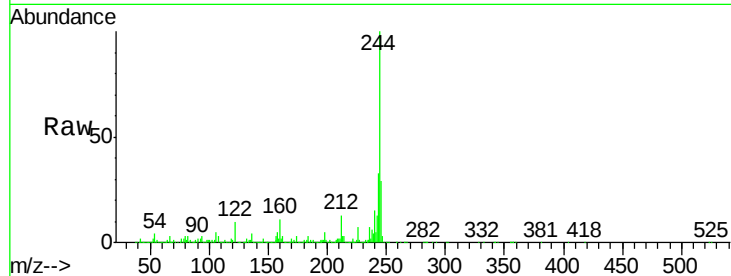
BNA_G

ClientSampleId :

PB91977BL

Tot Ion:244 Resp: 2778491

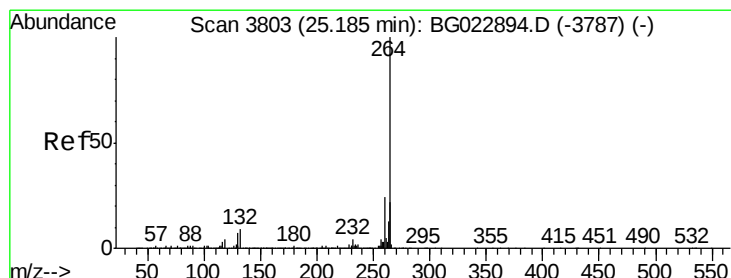
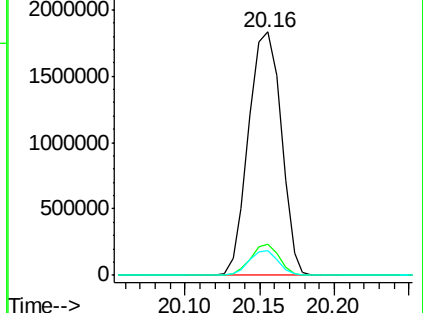
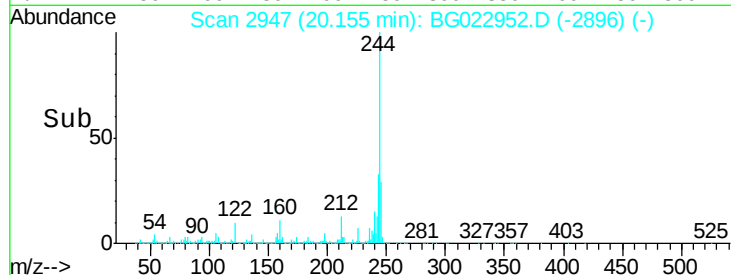
Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.8	16.2
122	10.0	8.0	12.0



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

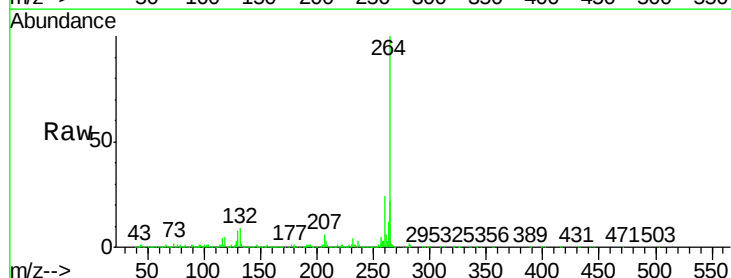
Delta R.T. 0.01 min

Lab File: BG022952.D

Acq: 9 Jul 2016 5:26

Tgt Ion:264 Resp: 903501

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.5	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

