

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023086.D
 Acq On : 14 Jul 2016 3:12
 Operator : UM/SJ
 Sample : PB92093BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BL

Quant Time: Jul 14 04:49:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	107907	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	489440	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	411077	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1023042	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1071100	20.00	ng	0.01
86) Perylene-d12	25.25	264	1044787	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	512685	77.71	ng	0.00
7) Phenol-d6	7.31	99	816756	79.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	847226	74.12	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	449091	60.79	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1859419	71.25	ng	0.00
78) Terphenyl-d14	20.16	244	2775000	80.55	ng	0.00

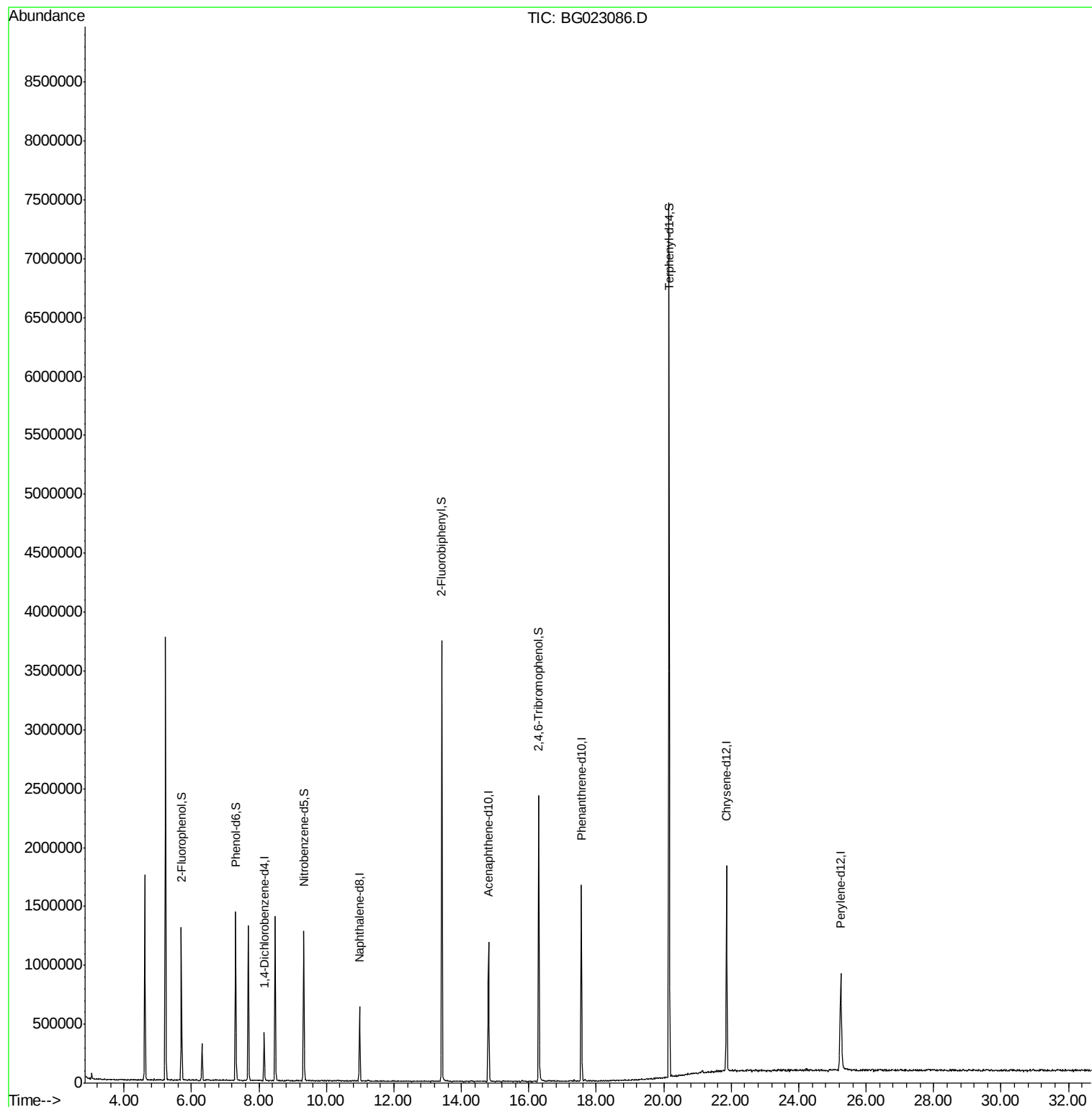
Target Compounds Qvalue

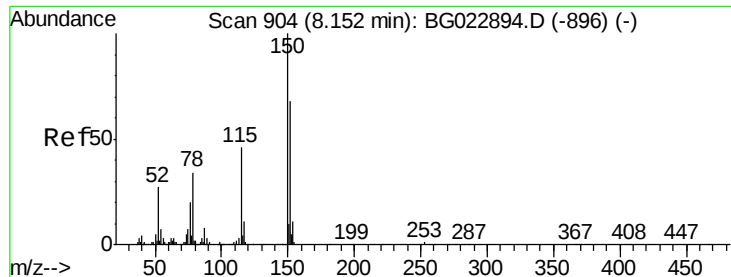
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023086.D

Acq: 14 Jul 2016 3:12

Instrument :

BNA_G

ClientSampleId :

PB92093BL

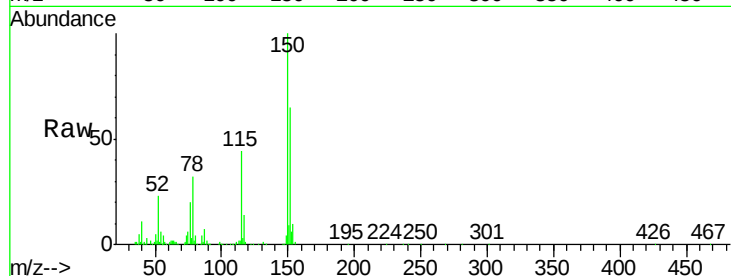
Tot Ion:152 Resp: 107907

Ion Ratio Lower Upper

152 100

150 153.9 144.7 217.1

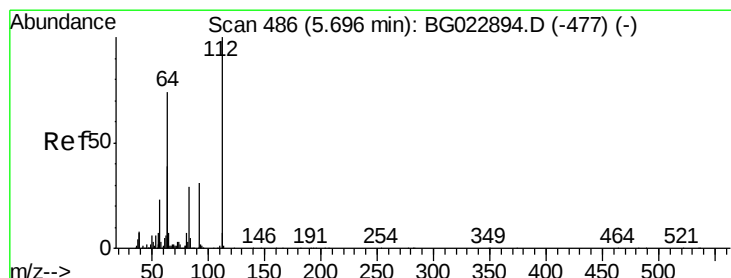
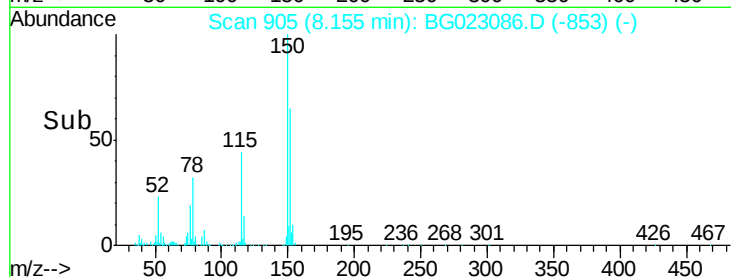
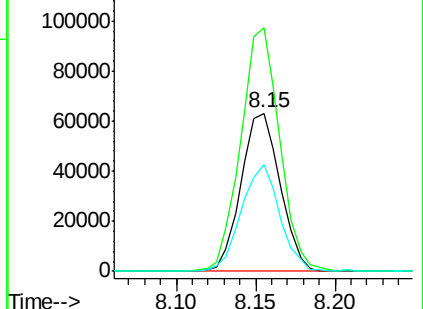
115 67.6 64.0 96.0



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: 77.71 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023086.D

Acq: 14 Jul 2016 3:12

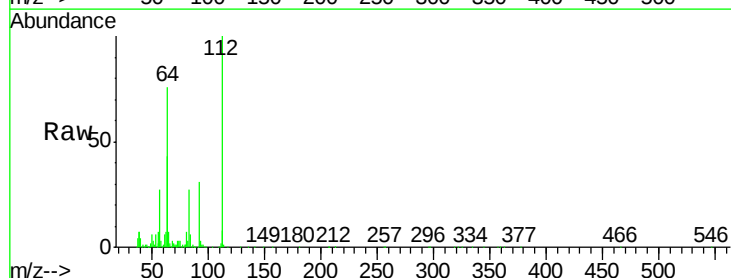
Tgt Ion:112 Resp: 512685

Ion Ratio Lower Upper

112 100

64 76.3 59.0 88.4

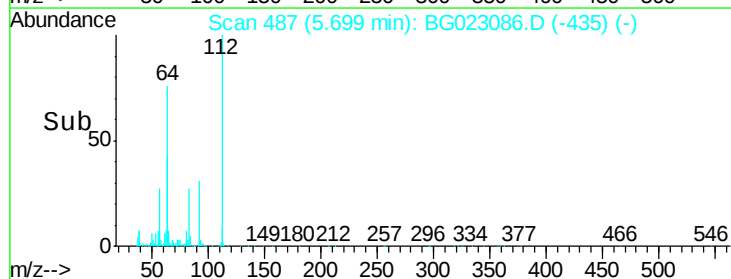
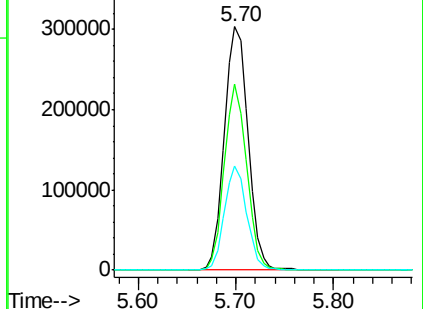
63 42.6 37.8 56.8

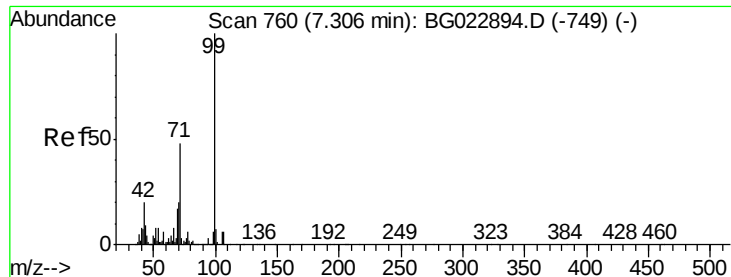


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.04 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023086.D

Acq: 14 Jul 2016 3:12

Instrument :

BNA_G

ClientSampleId :

PB92093BL

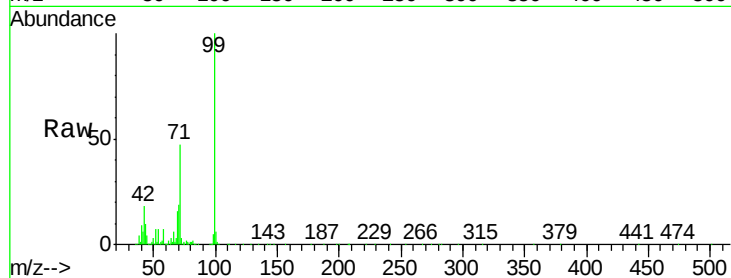
Tot Ion: 99 Resp: 816756

Ion Ratio Lower Upper

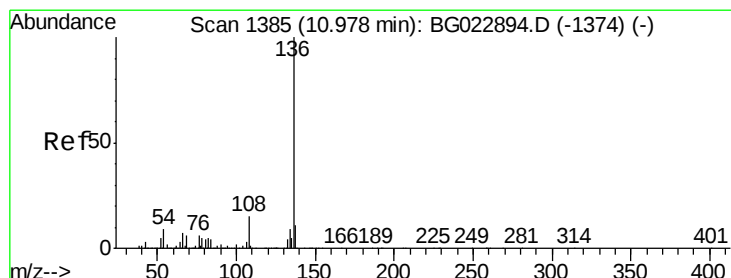
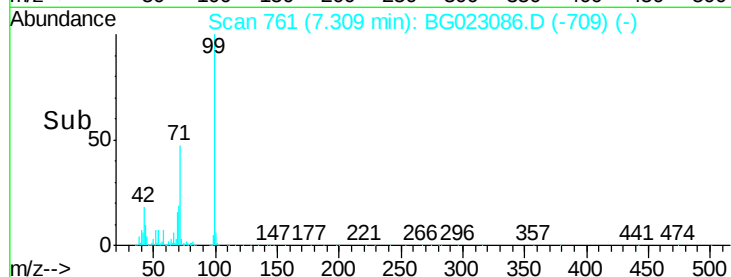
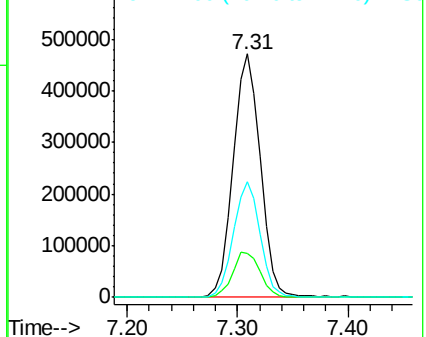
99 100

42 18.0 17.8 26.6

71 47.4 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: BG023086.D

Acq: 14 Jul 2016 3:12

Tgt Ion: 136 Resp: 489440

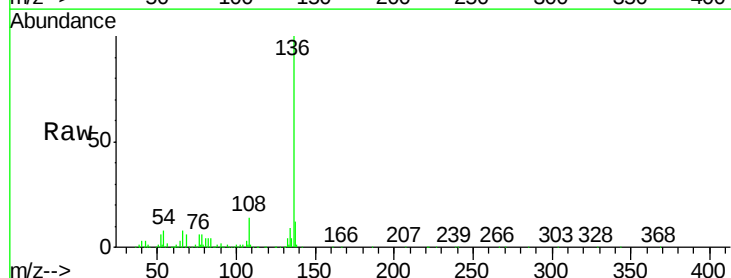
Ion Ratio Lower Upper

136 100

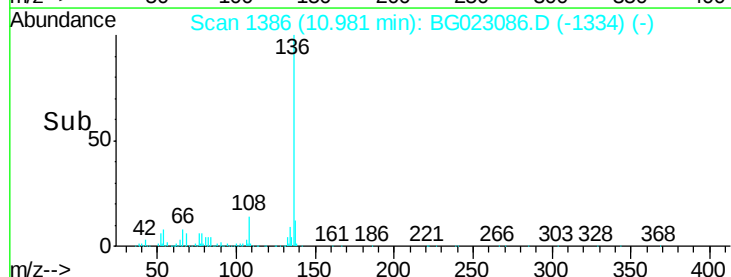
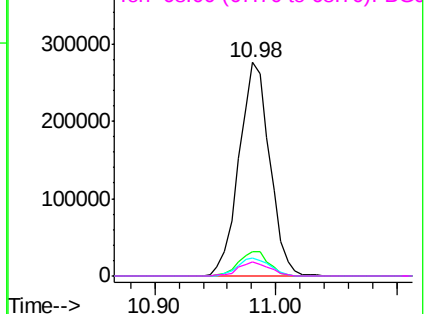
137 11.6 9.6 14.4

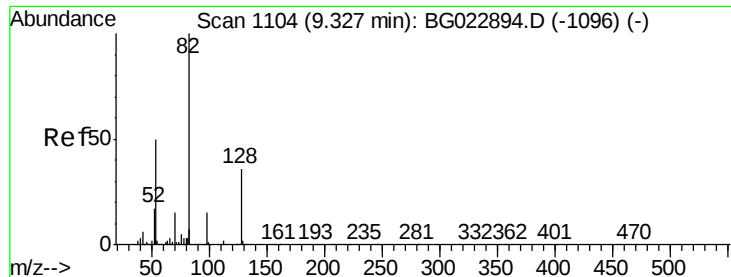
54 8.3 7.3 10.9

68 6.4 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

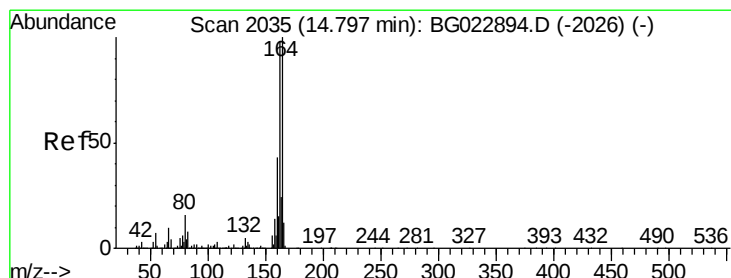
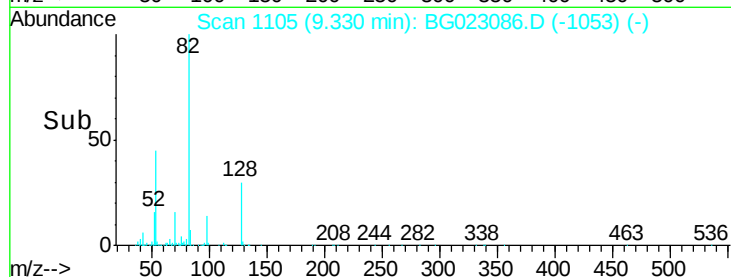
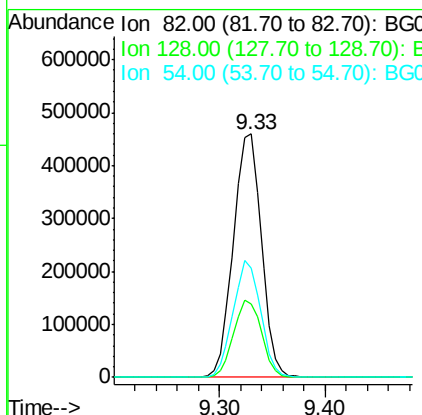
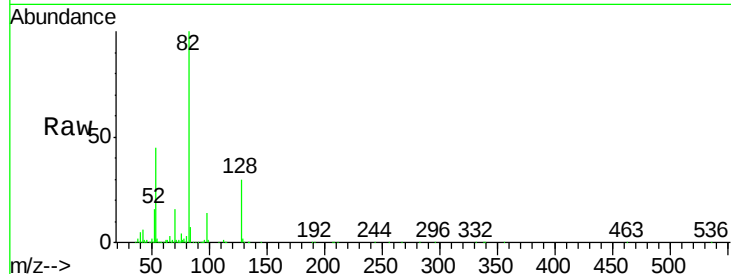




#23
 Nitrobenzene-d5
 Concen: 74.12 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023086.D
 Acq: 14 Jul 2016 3:12

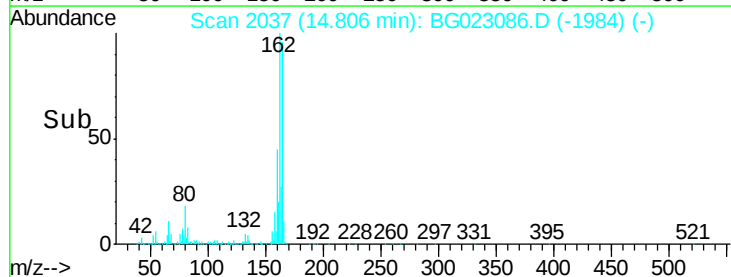
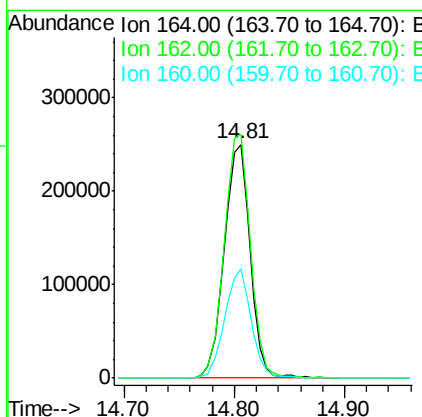
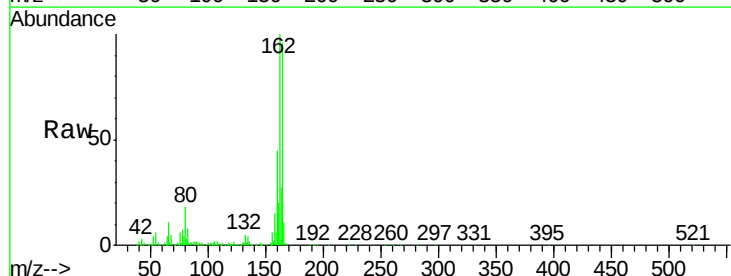
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BL

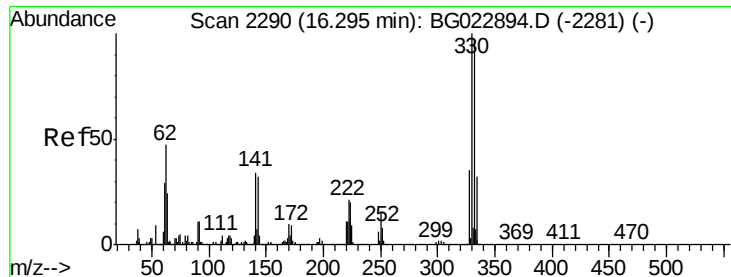
Tot Ion	82	Resp	847226
Ion Ratio	Lower	Upper	
82	100		
128	30.0	24.4	36.6
54	45.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023086.D
 Acq: 14 Jul 2016 3:12

Tgt Ion	164	Resp	411077
Ion Ratio	Lower	Upper	
164	100		
162	104.3	87.7	131.5
160	47.0	37.2	55.8

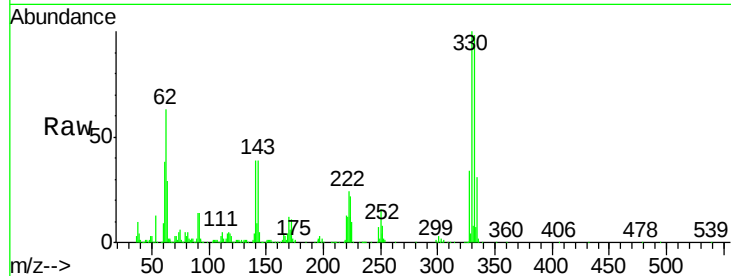




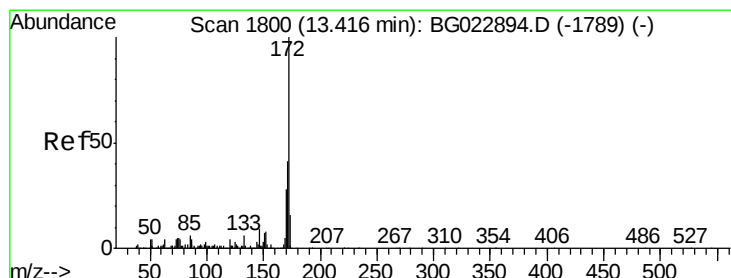
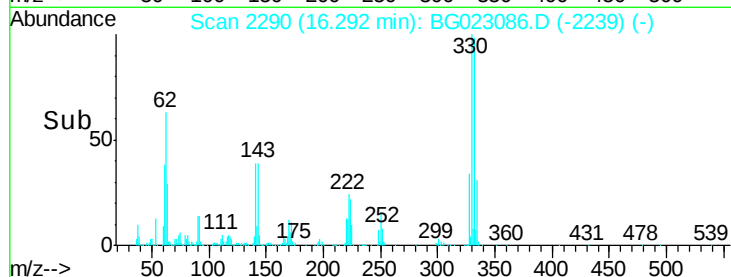
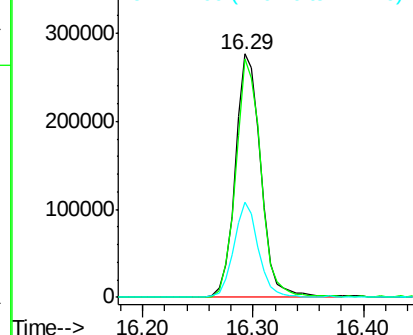
#41
2,4,6-Tribromophenol
Concen: 60.79 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023086.D
Acq: 14 Jul 2016 3:12

Instrument :
BNA_G
ClientSampleId :
PB92093BL

Tot Ion:330 Resp: 449091
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 37.5 31.7 47.5

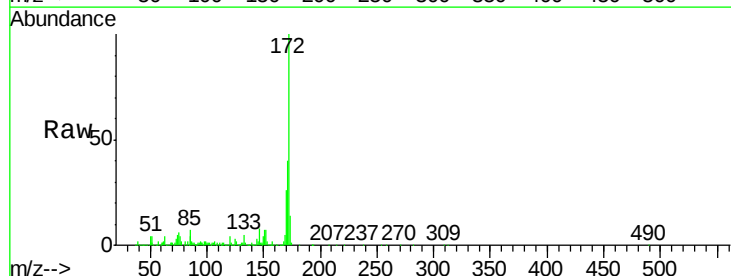


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

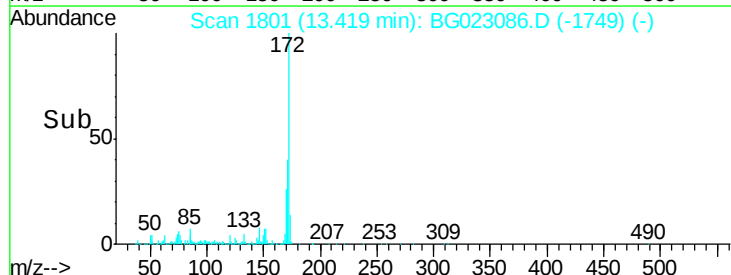
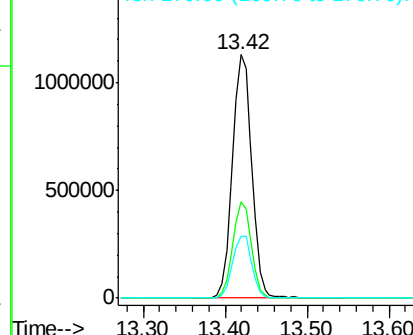


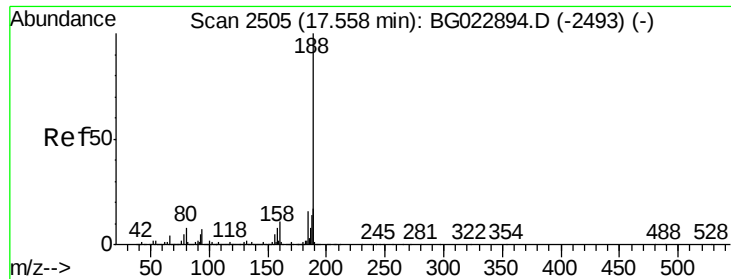
#44
2-Fluorobiphenyl
Concen: 71.25 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023086.D
Acq: 14 Jul 2016 3:12

Tgt Ion:172 Resp: 1859419
Ion Ratio Lower Upper
172 100
171 39.6 31.6 47.4
170 25.5 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

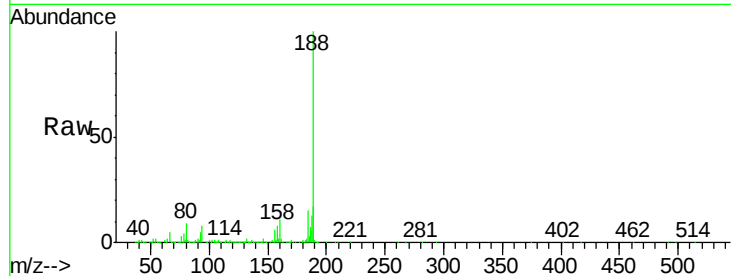




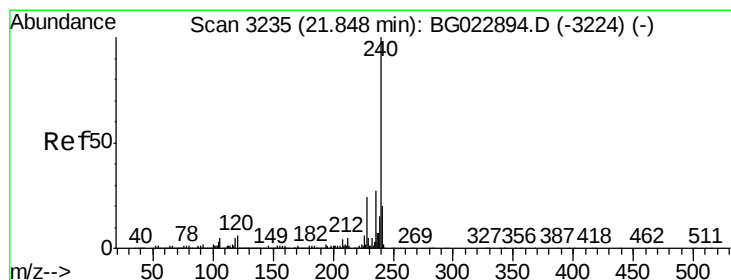
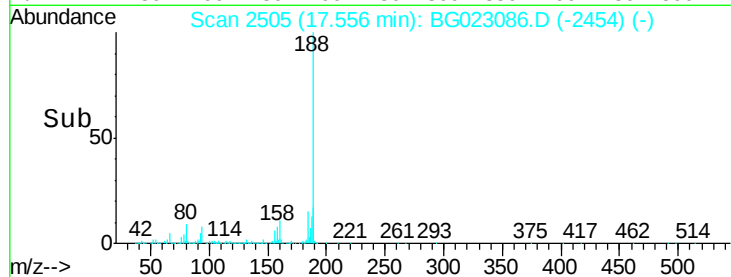
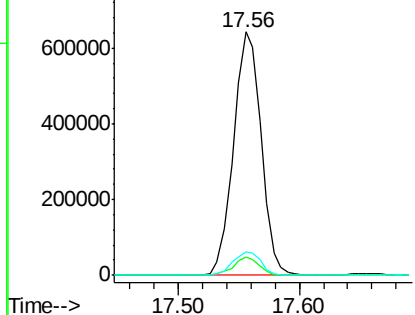
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023086.D
Acq: 14 Jul 2016 3:12

Instrument :
BNA_G
ClientSampleId :
PB92093BL

Tot Ion:188 Resp: 1023042
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8
80 9.4 7.2 10.8

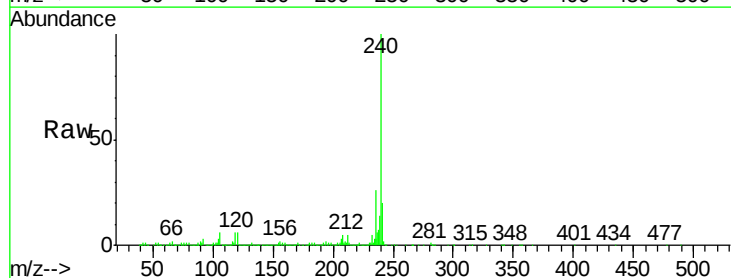


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

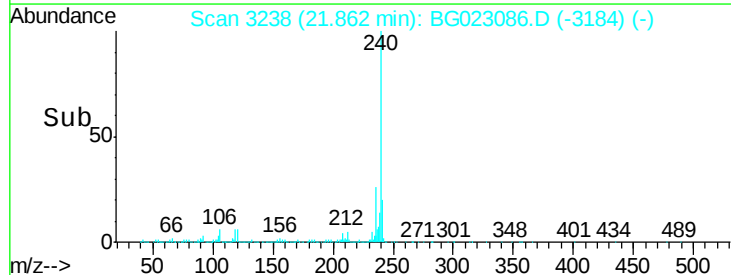
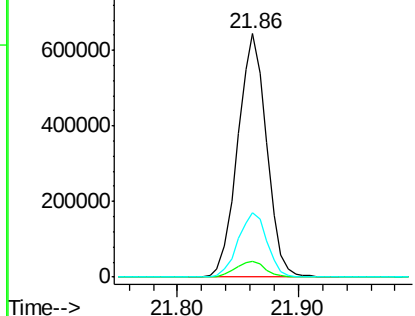


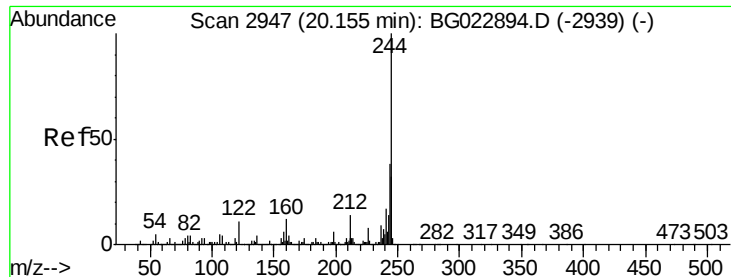
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.01 min
Lab File: BG023086.D
Acq: 14 Jul 2016 3:12

Tgt Ion:240 Resp: 1071100
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 26.4 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: 80.55 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023086.D

Acq: 14 Jul 2016 3:12

Instrument :

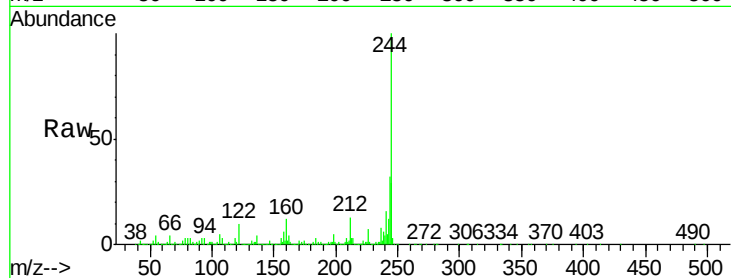
BNA_G

ClientSampleId :

PB92093BL

Tot Ion:244 Resp: 2775000

Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.8	16.2
122	10.5	8.0	12.0

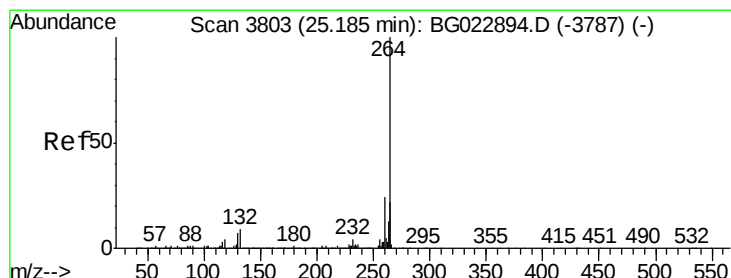
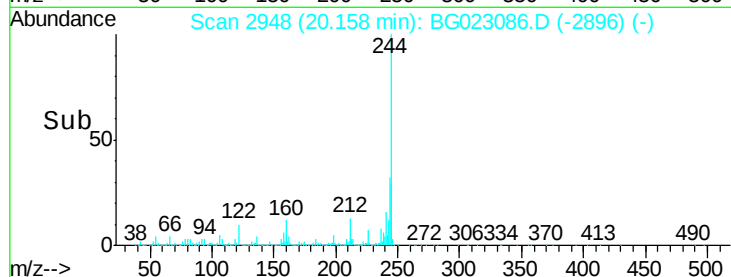
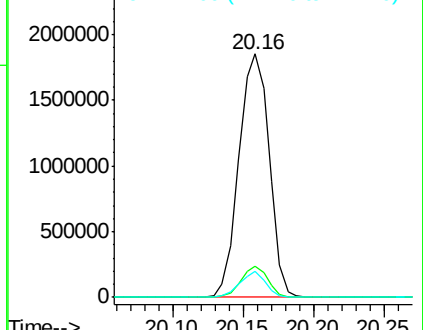


Abundance

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: 25.25 min Scan# 3814

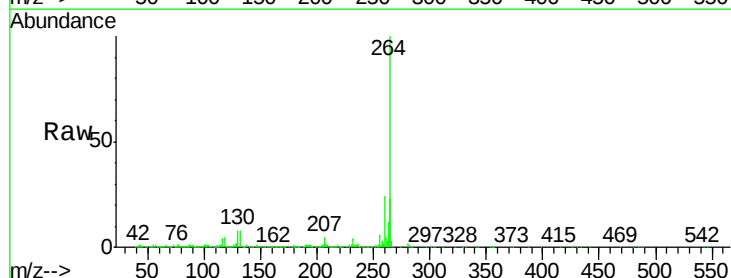
Delta R.T. 0.06 min

Lab File: BG023086.D

Acq: 14 Jul 2016 3:12

Tgt Ion:264 Resp: 1044787

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	23.1	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

