

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023051.D
 Acq On : 13 Jul 2016 1:27
 Operator : UM/SJ
 Sample : PB92058BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BL

Quant Time: Jul 13 04:25:40 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	96242	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	470739	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	379674	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	897980	20.00	ng	0.00
75) Chrysene-d12	21.87	240	979271	20.00	ng	0.02
86) Perylene-d12	25.25	264	955507	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	882663	150.00	ng	0.00
7) Phenol-d6	7.30	99	1400579	151.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	1015252	92.35	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	780954	114.45	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2163996	89.78	ng	0.00
78) Terphenyl-d14	20.17	244	3031645	109.75	ng	0.01

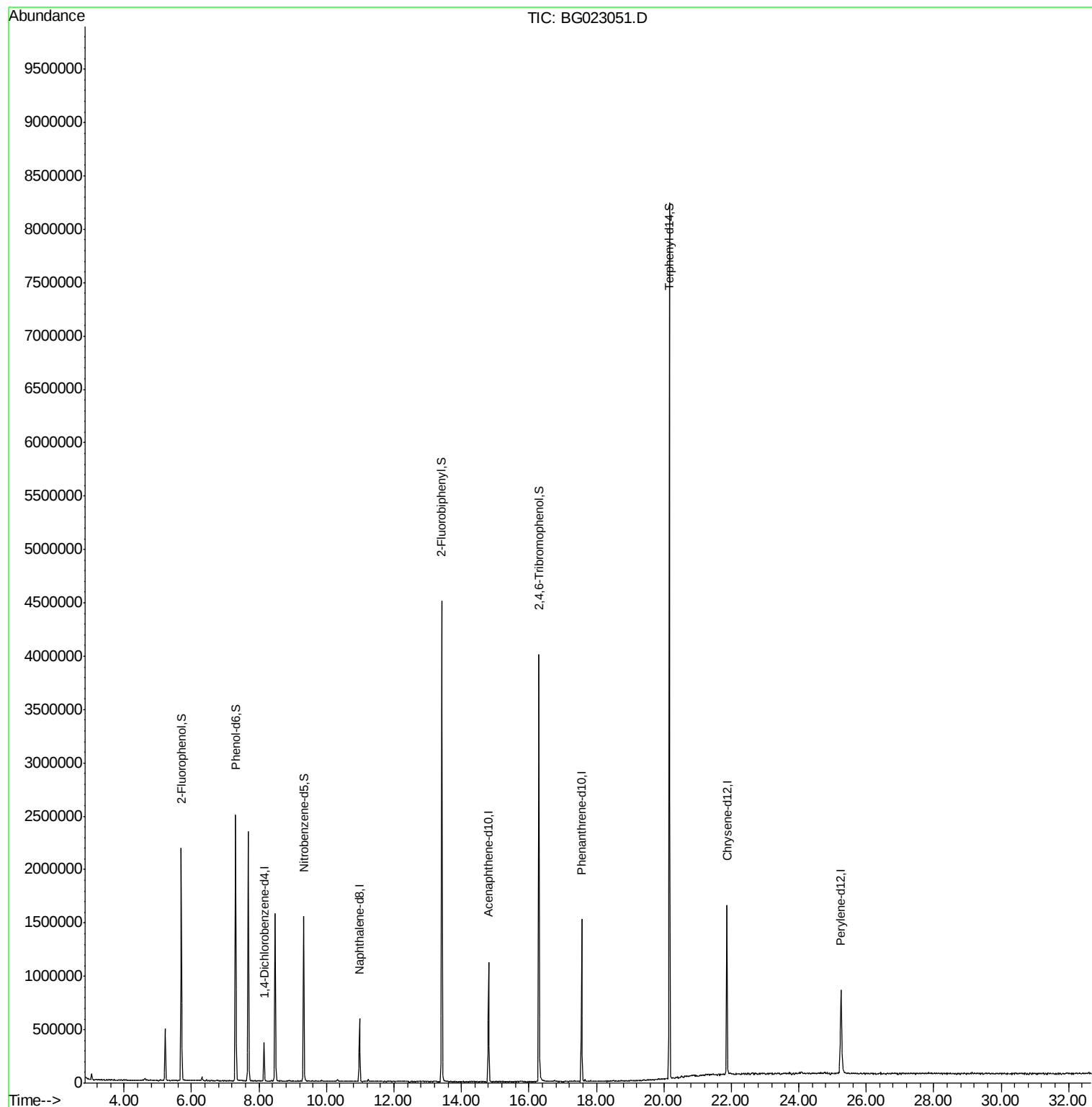
Target Compounds Qvalue

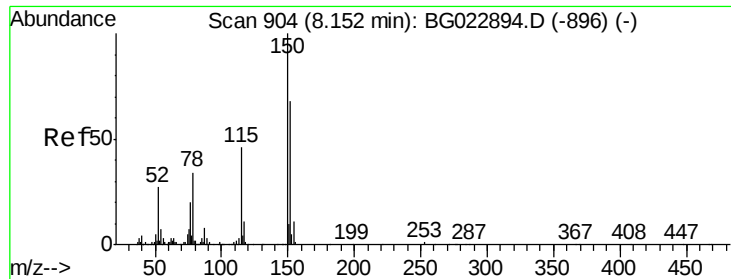
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 12 18:30:58 2016
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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: BG023051.D

Acq: 13 Jul 2016 1:27

Instrument :

BNA_G

ClientSampleId :

PB92058BL

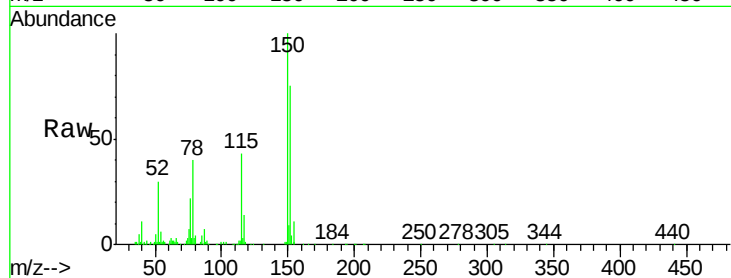
Tot Ion:152 Resp: 96242

Ion Ratio Lower Upper

152 100

150 133.4 144.7 217.1#

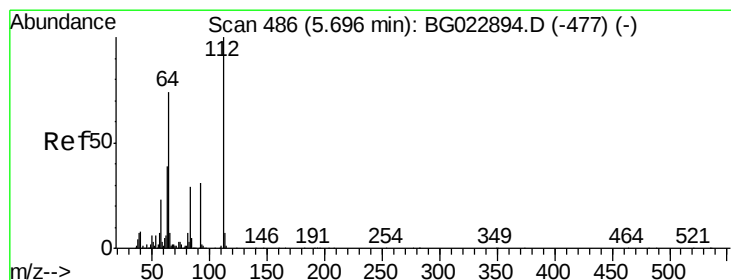
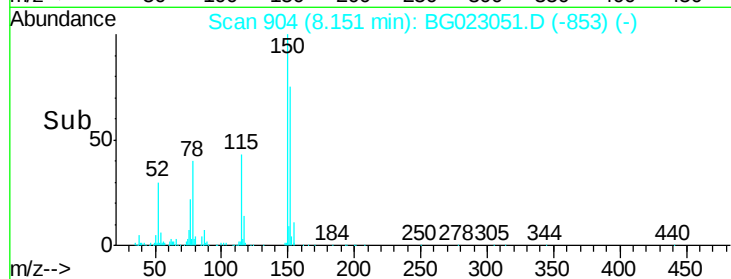
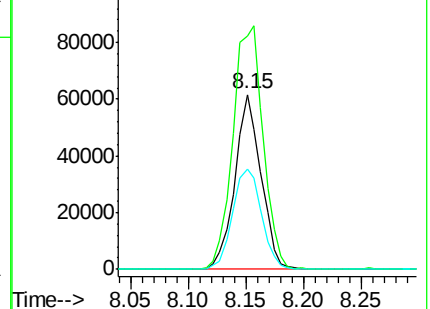
115 57.4 64.0 96.0#



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: 150.00 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023051.D

Acq: 13 Jul 2016 1:27

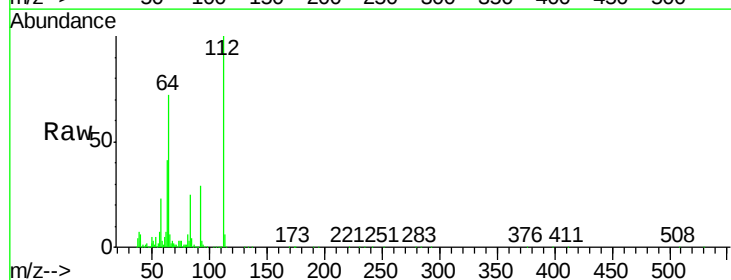
Tgt Ion:112 Resp: 882663

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

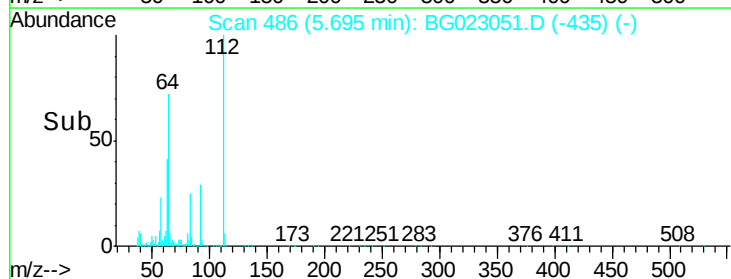
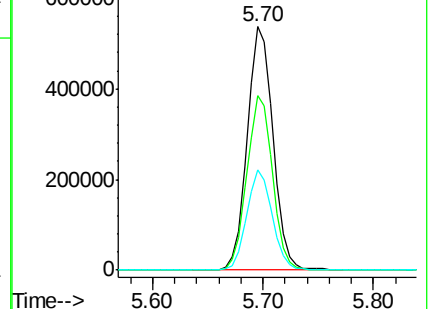
63 41.4 37.8 56.8

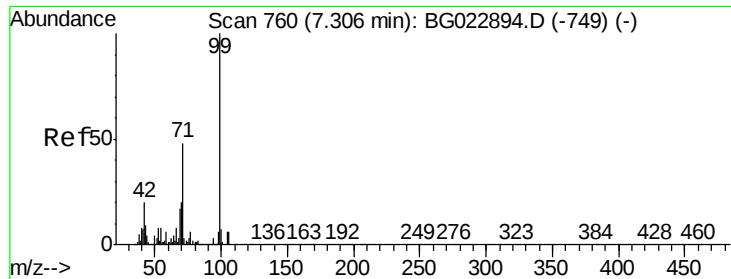


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 151.96 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023051.D

Acq: 13 Jul 2016 1:27

Instrument :

BNA_G

ClientSampleId :

PB92058BL

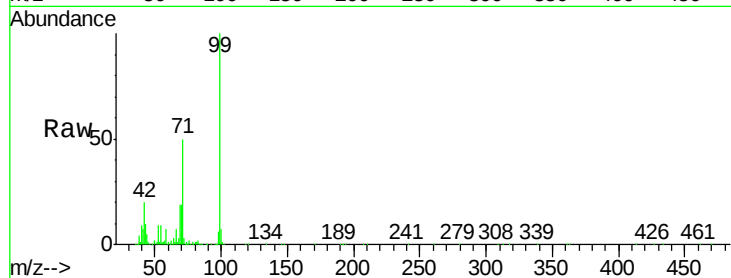
Tot Ion: 99 Resp: 1400579

Ion Ratio Lower Upper

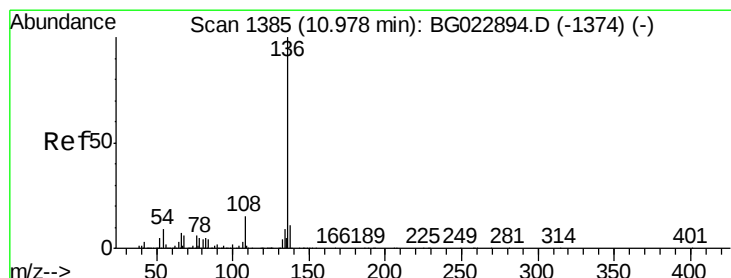
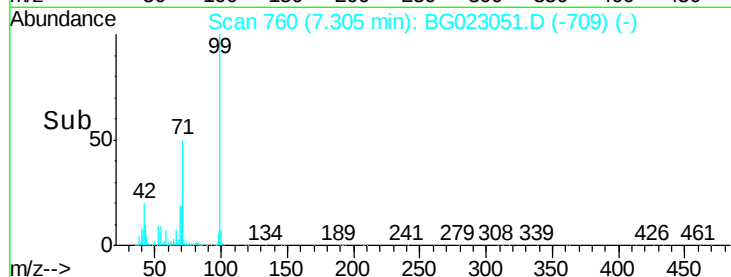
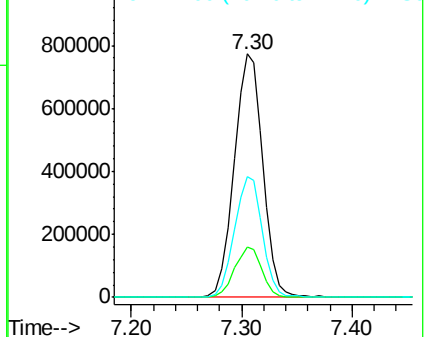
99 100

42 20.4 17.8 26.6

71 49.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023051.D

Acq: 13 Jul 2016 1:27

Tgt Ion: 136 Resp: 470739

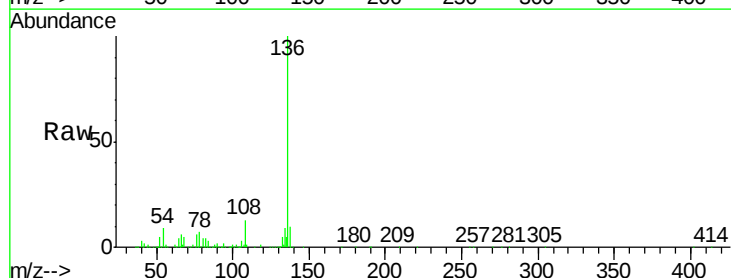
Ion Ratio Lower Upper

136 100

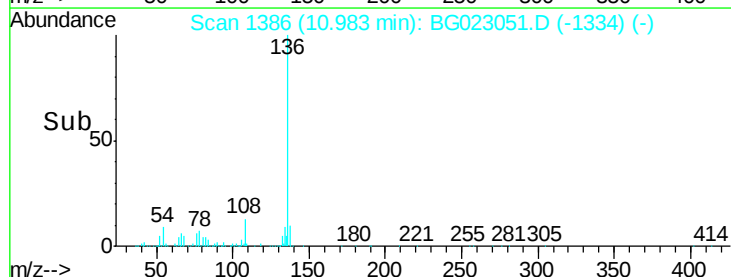
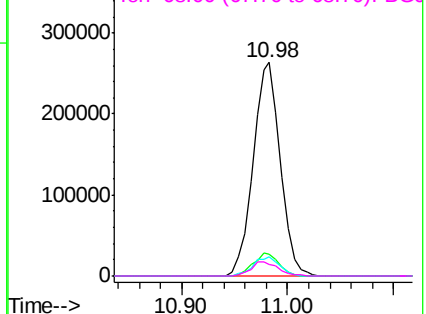
137 10.5 9.6 14.4

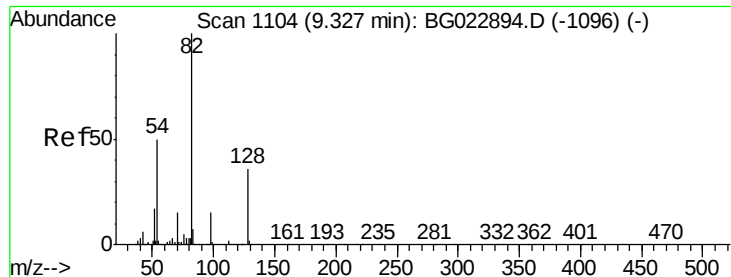
54 8.9 7.3 10.9

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



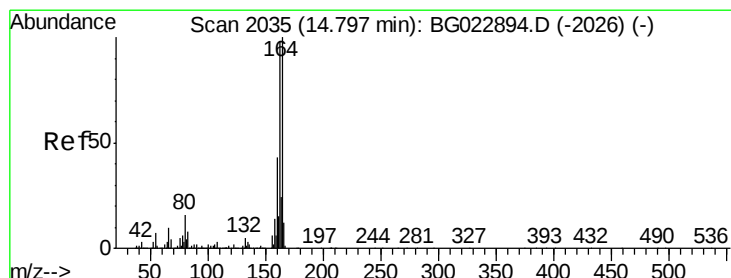
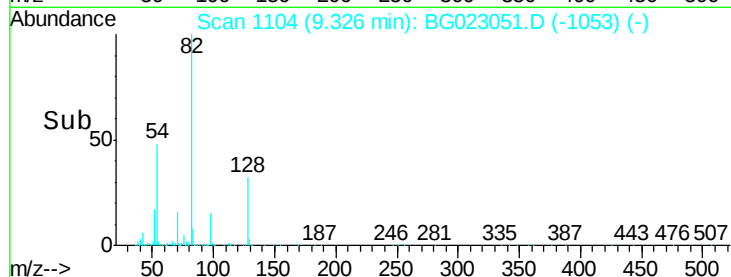
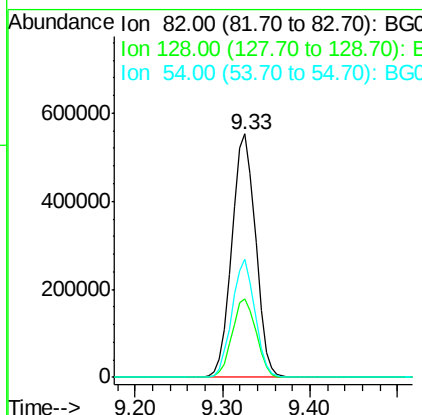
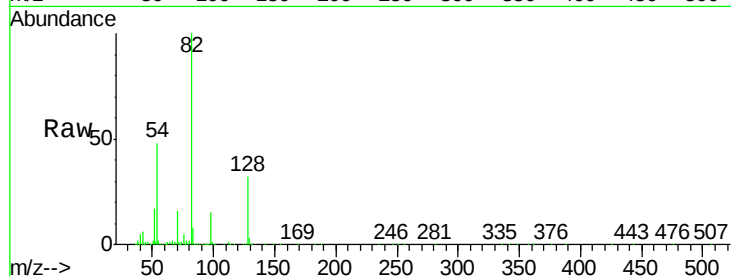


#23
 Nitrobenzene-d5
 Concen: 92.35 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023051.D
 Acq: 13 Jul 2016 1:27

Instrument :
 BNA_G
 ClientSampleID :
 PB92058BL

Tot Ion: 82 Resp: 1015252

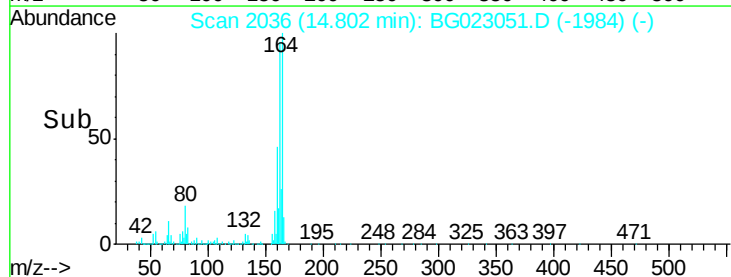
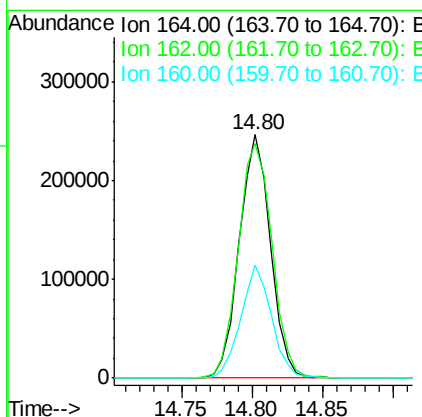
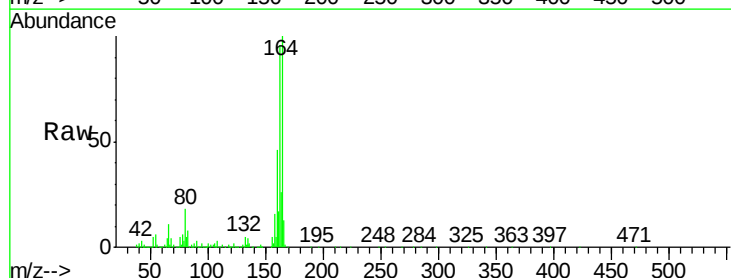
Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	48.3	41.4	62.0

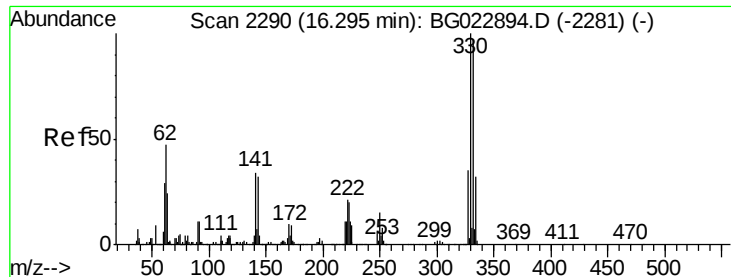


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023051.D
 Acq: 13 Jul 2016 1:27

Tgt Ion: 164 Resp: 379674

Ion	Ratio	Lower	Upper
164	100		
162	96.4	87.7	131.5
160	46.4	37.2	55.8

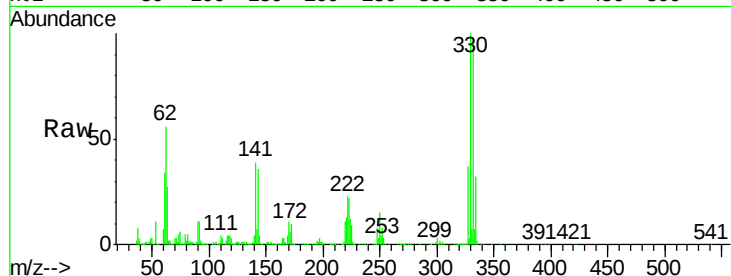




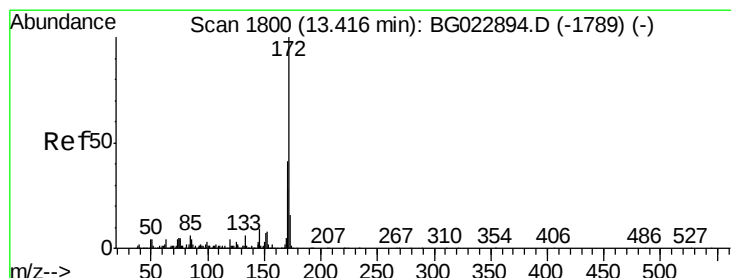
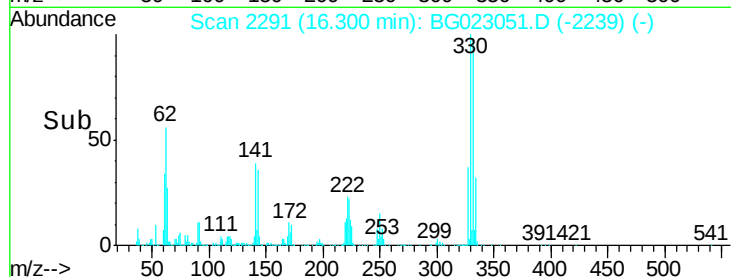
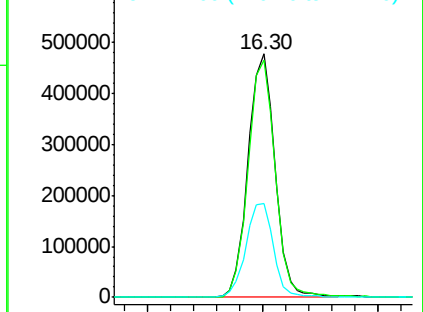
#41
 2,4,6-Tribromophenol
 Concen: 114.45 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023051.D
 Acq: 13 Jul 2016 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BL

Tot Ion:330 Resp: 780954
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.3 31.7 47.5

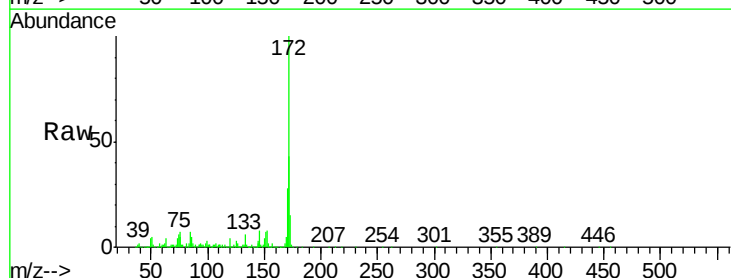


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

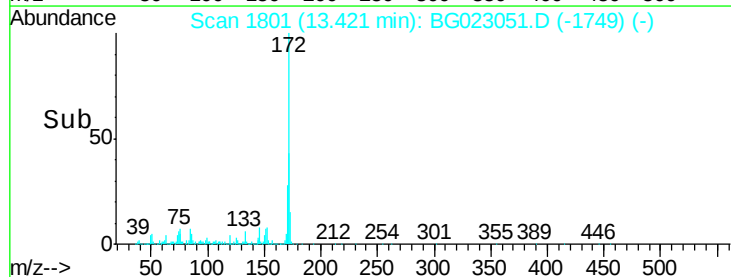
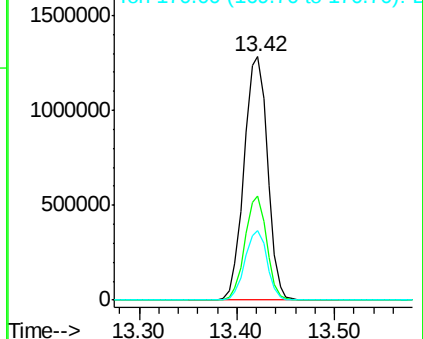


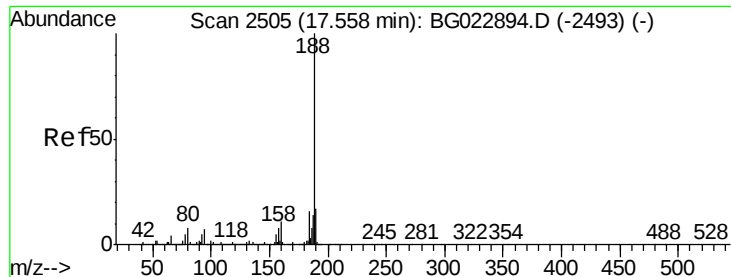
#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023051.D
 Acq: 13 Jul 2016 1:27

Tgt Ion:172 Resp: 2163996
 Ion Ratio Lower Upper
 172 100
 171 43.0 31.6 47.4
 170 28.4 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

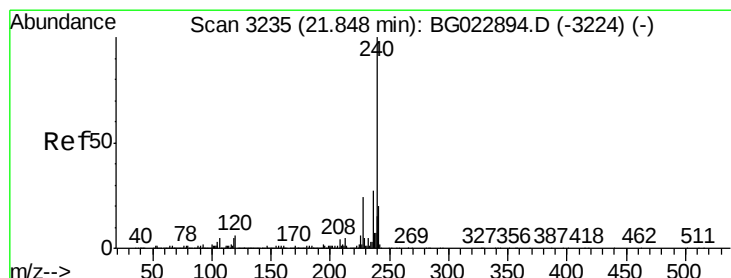
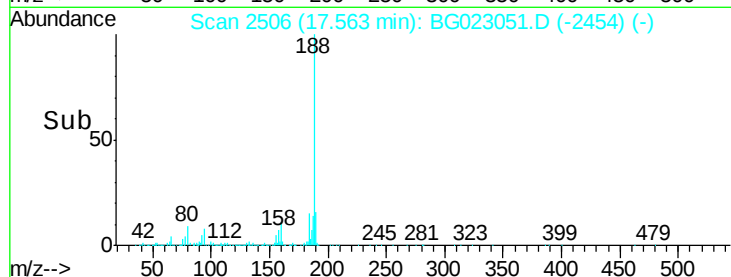
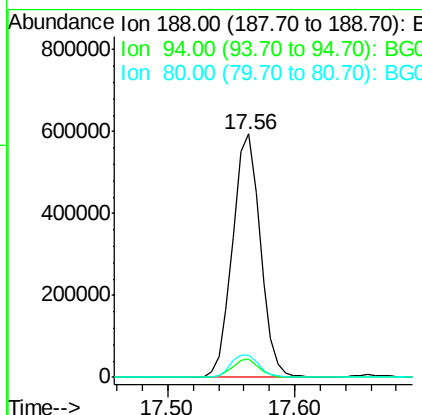
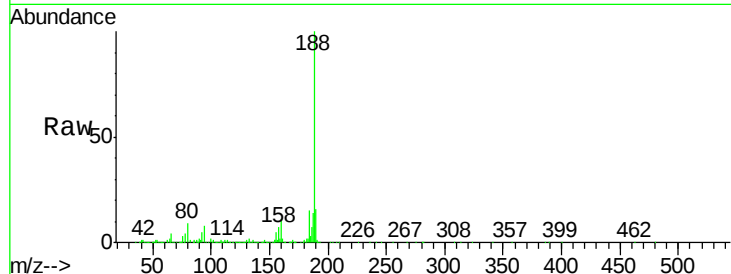




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023051.D
Acq: 13 Jul 2016 1:27

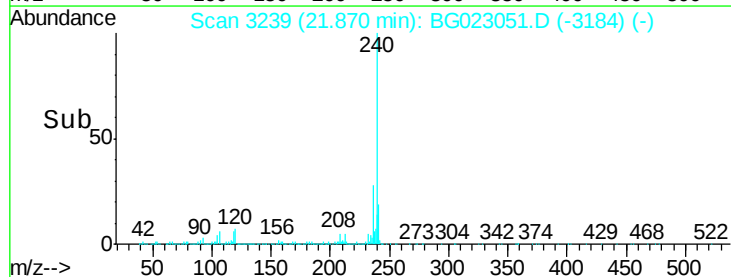
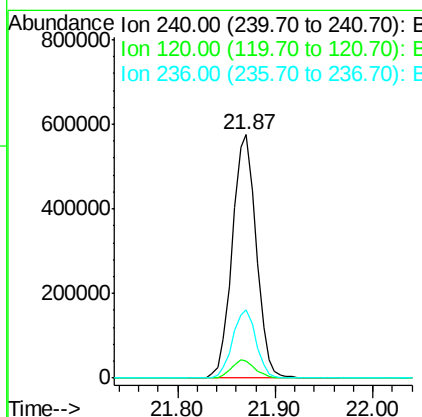
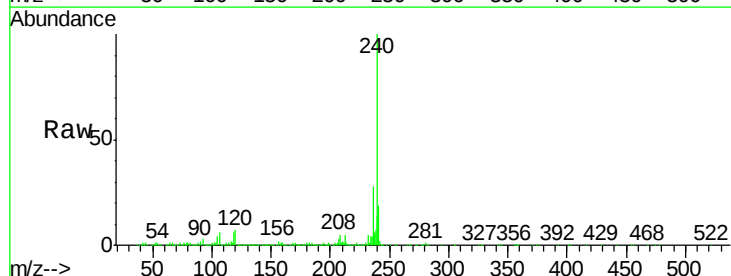
Instrument :
BNA_G
ClientSampleId :
PB92058BL

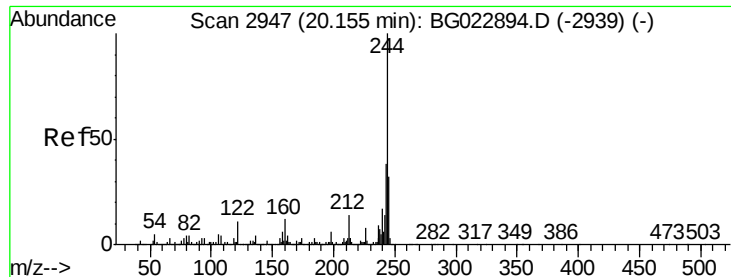
Tot Ion:188 Resp: 897980
Ion Ratio Lower Upper
188 100
94 7.6 5.2 7.8
80 9.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023051.D
Acq: 13 Jul 2016 1:27

Tgt Ion:240 Resp: 979271
Ion Ratio Lower Upper
240 100
120 6.9 4.1 6.1#
236 28.2 21.1 31.7





#78

Terphenyl-d14

Concen: 109.75 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023051.D

Acq: 13 Jul 2016 1:27

Instrument :

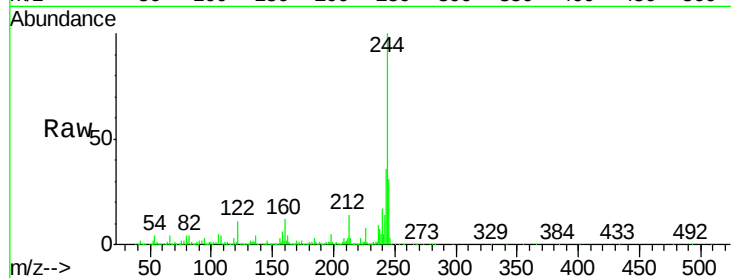
BNA_G

ClientSampleId :

PB92058BL

Tot Ion:244 Resp: 3031645

Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	10.6	8.0	12.0

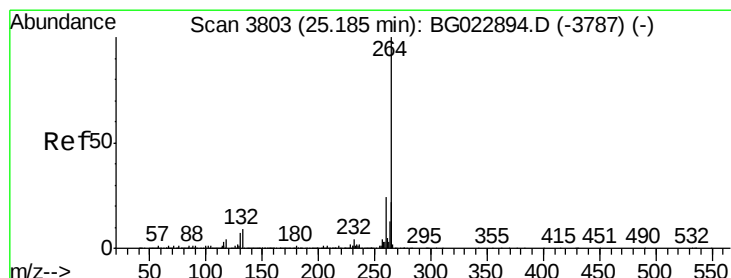
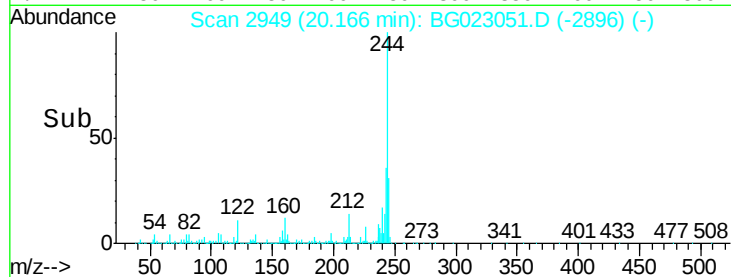
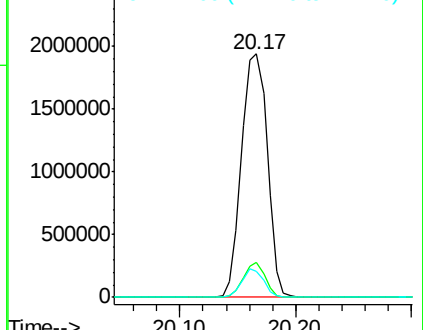


Abundance

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: 25.25 min Scan# 3815

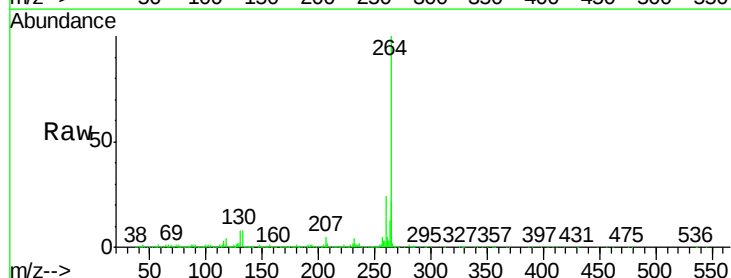
Delta R.T. 0.07 min

Lab File: BG023051.D

Acq: 13 Jul 2016 1:27

Tgt Ion:264 Resp: 955507

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.3	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

