

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023222.D
 Acq On : 22 Jul 2016 19:21
 Operator : UM/SJ
 Sample : PB92359TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92359TB

Quant Time: Jul 23 00:05:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	107955	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	478256	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	340676	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	893359	20.00	ng	0.01
75) Chrysene-d12	21.90	240	960566	20.00	ng	0.01
86) Perylene-d12	25.30	264	915866	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	823074	124.69	ng	0.00
7) Phenol-d6	7.29	99	1217142	117.73	ng	0.00
23) Nitrobenzene-d5	9.32	82	870404	77.93	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	510126	83.32	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1688909	78.09	ng	0.01
78) Terphenyl-d14	20.18	244	2628405	87.93	ng	0.01

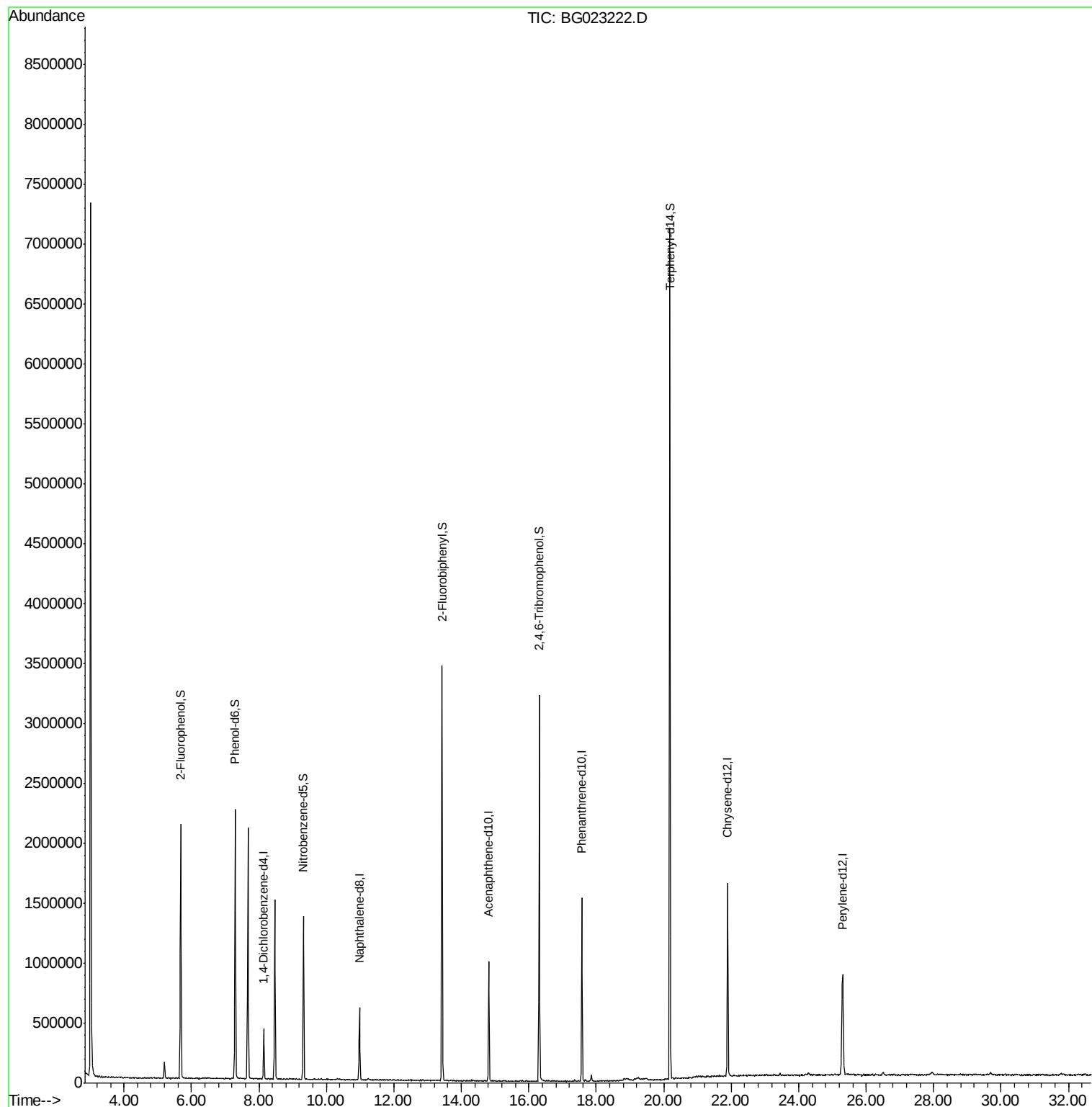
Target Compounds	Qvalue
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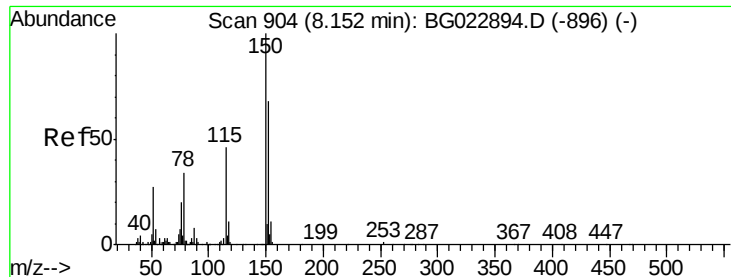
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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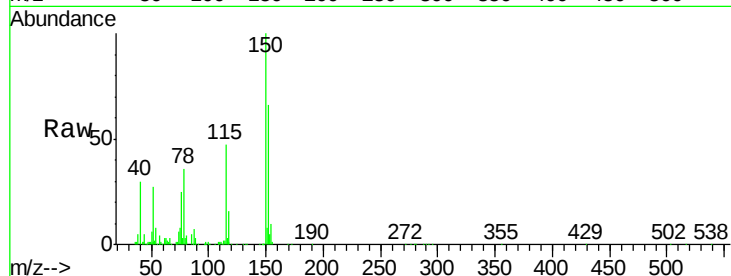


#1

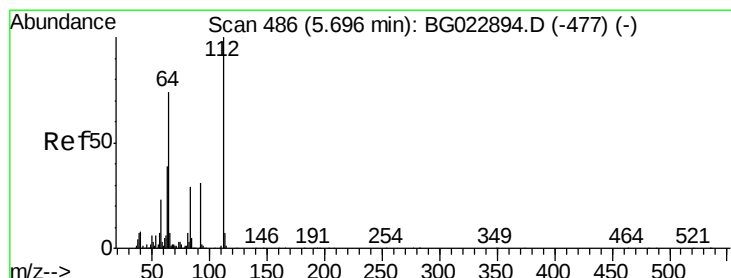
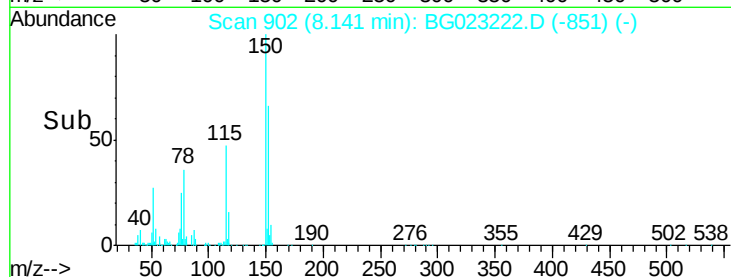
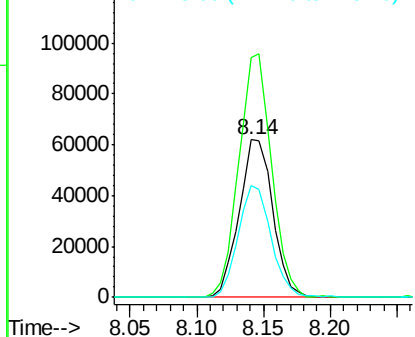
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023222.D
Acq: 22 Jul 2016 19:21

Instrument :
BNA_G
ClientSampleId :
PB92359TB

Tgt Ion:152 Resp: 107955
Ion Ratio Lower Upper
152 100
150 152.1 144.7 217.1
115 70.8 64.0 96.0



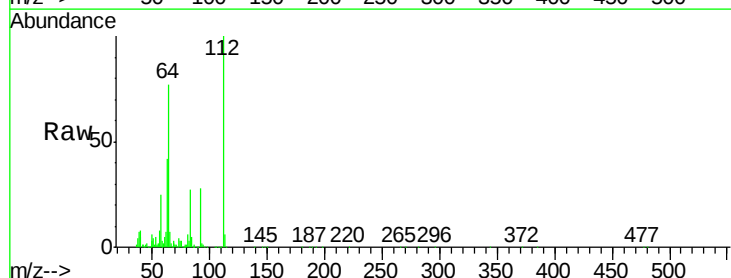
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



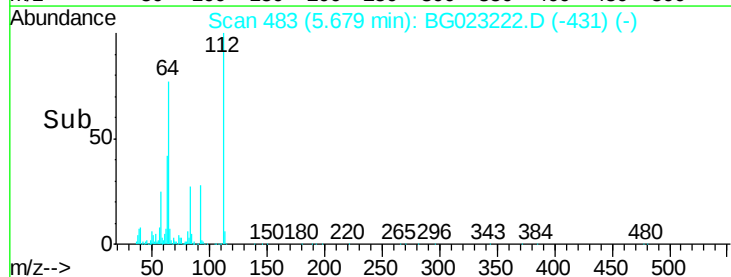
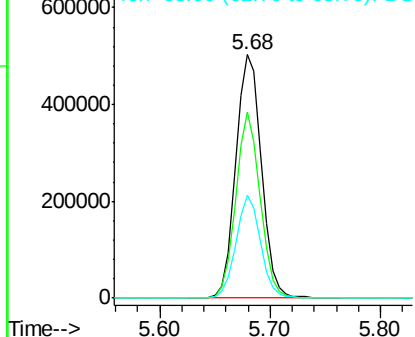
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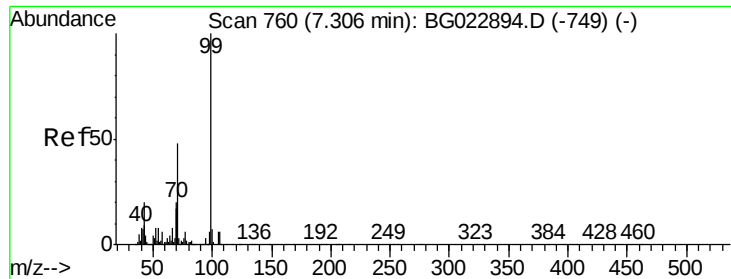
2-Fluorophenol
Concen: 124.69 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023222.D
Acq: 22 Jul 2016 19:21

Tgt Ion:112 Resp: 823074
Ion Ratio Lower Upper
112 100
64 76.6 59.0 88.4
63 42.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.73 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023222.D

Acq: 22 Jul 2016 19:21

Instrument :

BNA_G

ClientSampleId :

PB92359TB

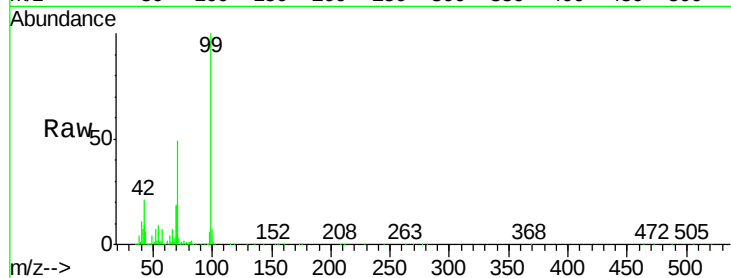
Tgt Ion: 99 Resp: 1217142

Ion Ratio Lower Upper

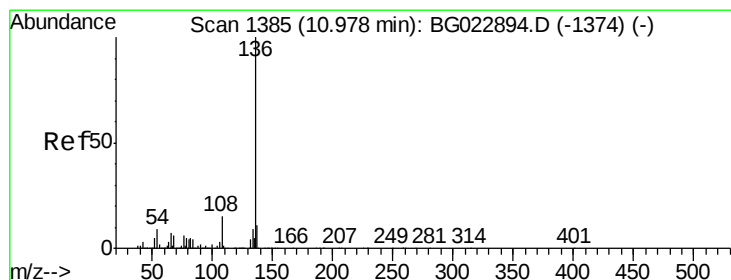
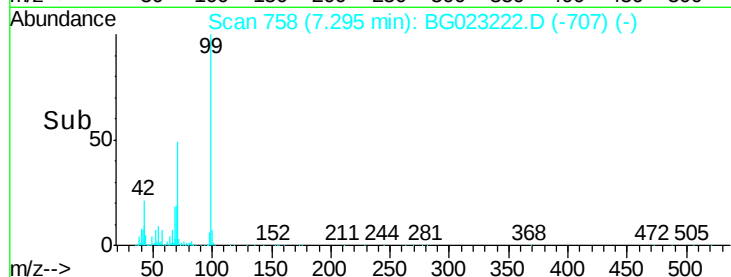
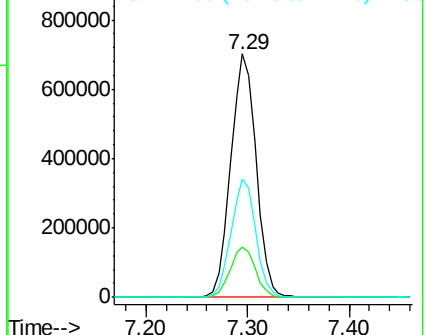
99 100

42 20.9 17.8 26.6

71 48.5 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# 1385

Delta R.T. 0.00 min

Lab File: BG023222.D

Acq: 22 Jul 2016 19:21

Tgt Ion: 136 Resp: 478256

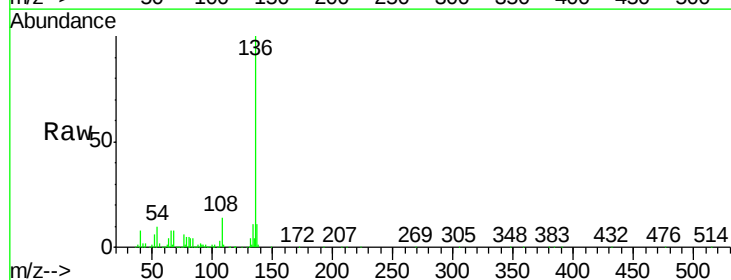
Ion Ratio Lower Upper

136 100

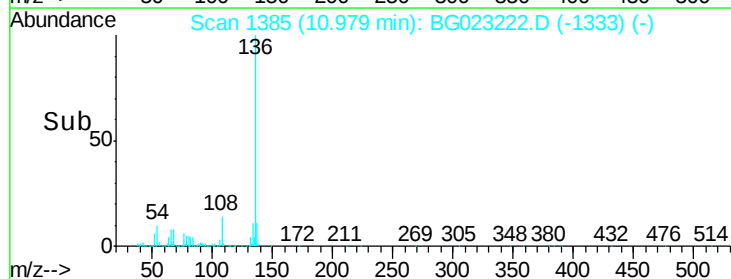
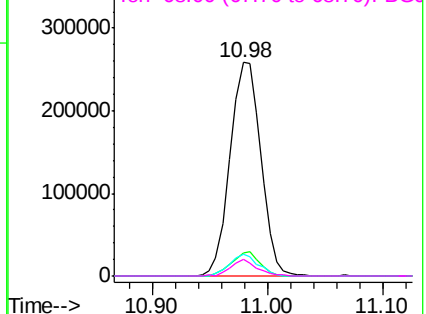
137 10.7 9.6 14.4

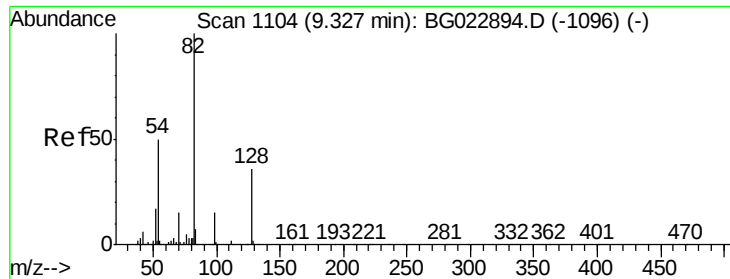
54 10.3 7.3 10.9

68 7.7 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

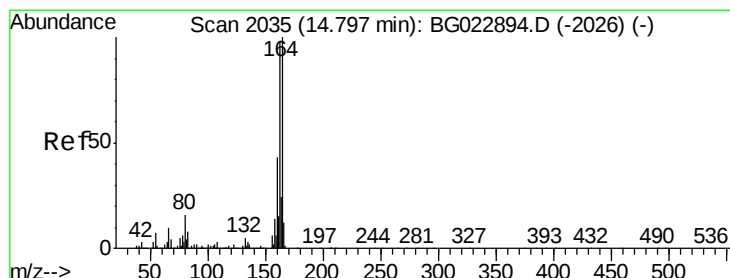
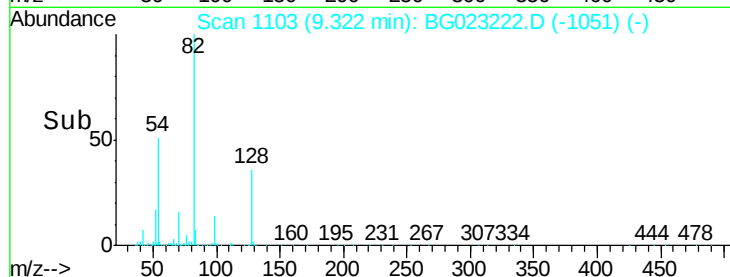
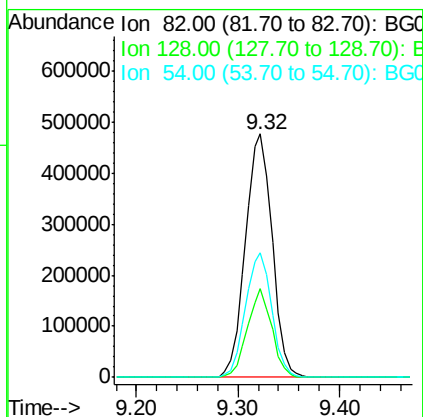
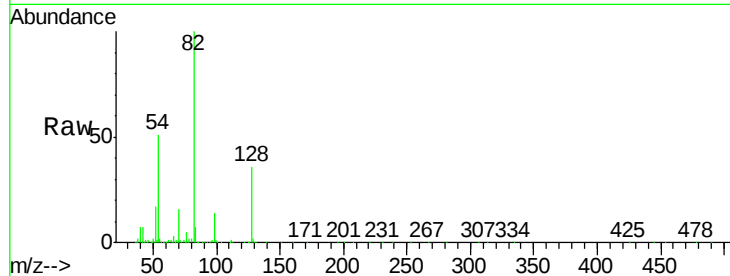




#23
 Nitrobenzene-d5
 Concen: 77.93 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BG023222.D
 Acq: 22 Jul 2016 19:21

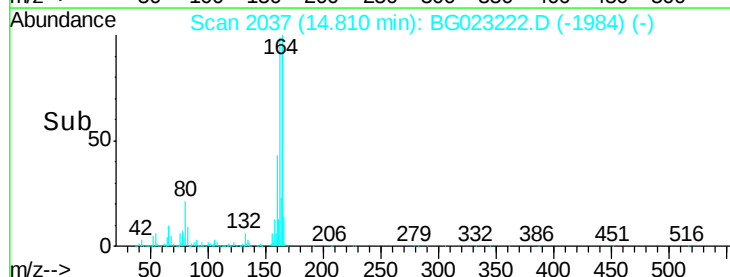
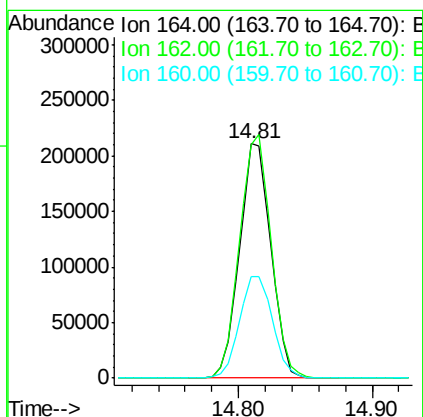
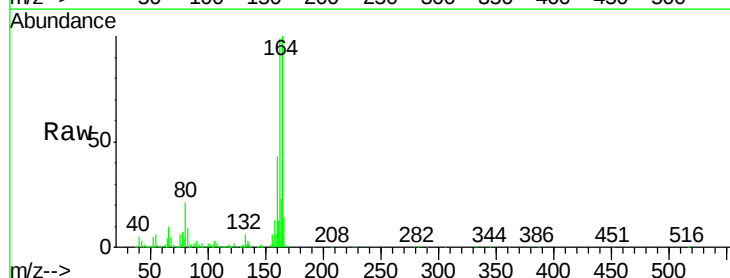
Instrument :
 BNA_G
 ClientSampleId :
 PB92359TB

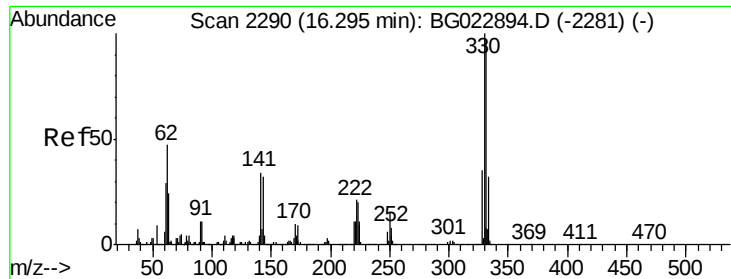
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	24.4	36.6
54	51.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023222.D
 Acq: 22 Jul 2016 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	43.5	37.2	55.8

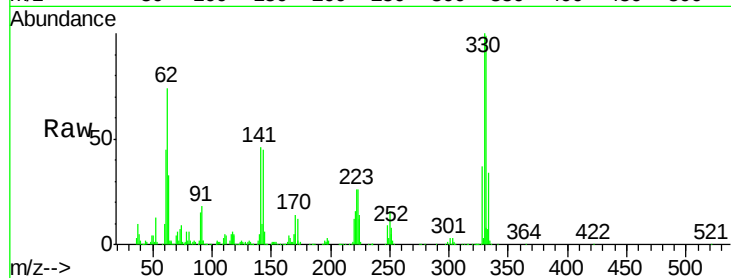




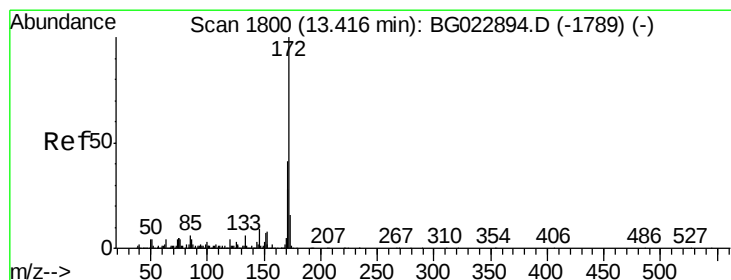
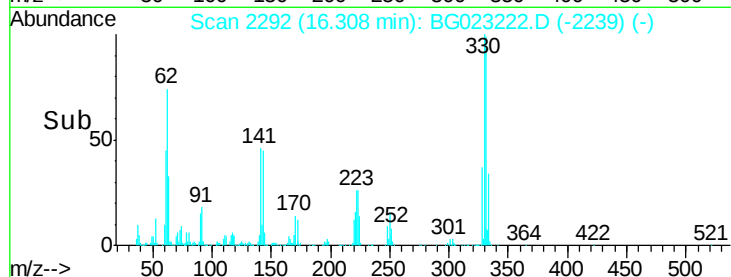
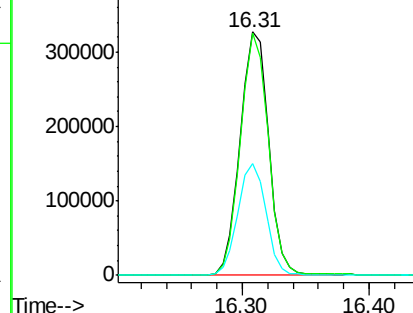
#41
 2,4,6-Tribromophenol
 Concen: 83.32 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG023222.D
 Acq: 22 Jul 2016 19:21

Instrument :
 BNA_G
 ClientSampleId :
 PB92359TB

Tgt Ion:330 Resp: 510126
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 45.7 31.7 47.5

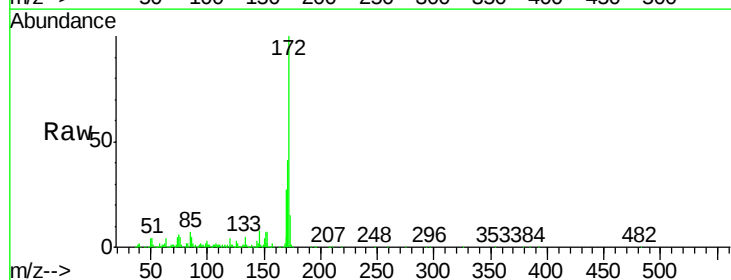


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

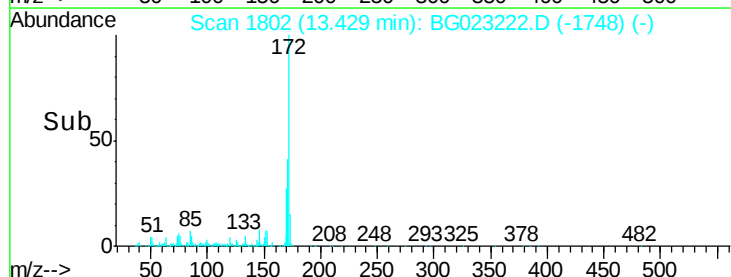
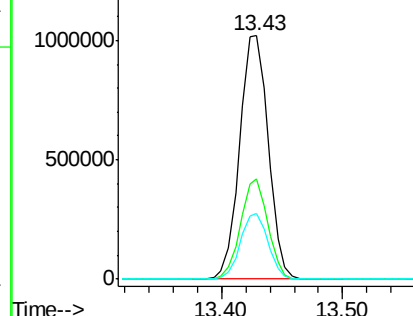


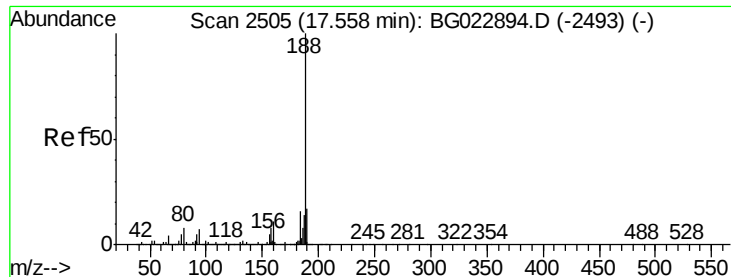
#44
 2-Fluorobiphenyl
 Concen: 78.09 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023222.D
 Acq: 22 Jul 2016 19:21

Tgt Ion:172 Resp: 1688909
 Ion Ratio Lower Upper
 172 100
 171 41.2 31.6 47.4
 170 27.2 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

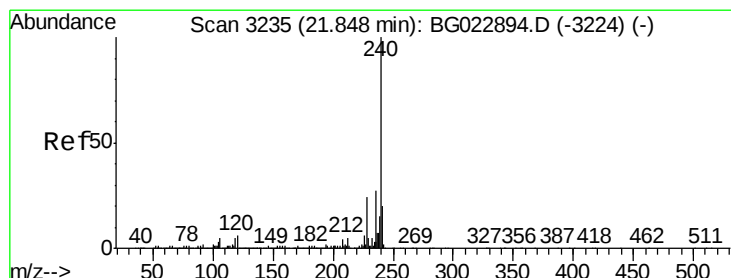
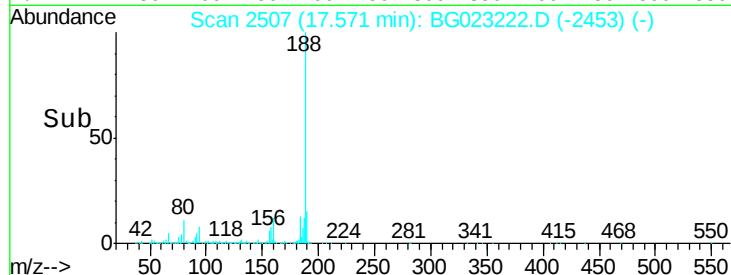
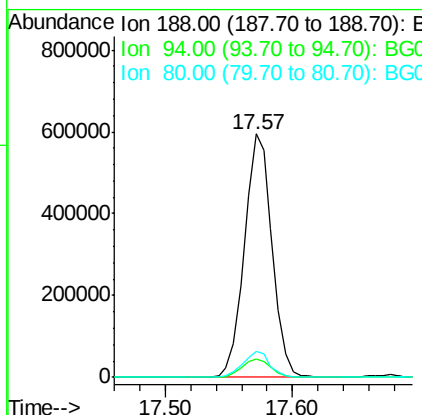
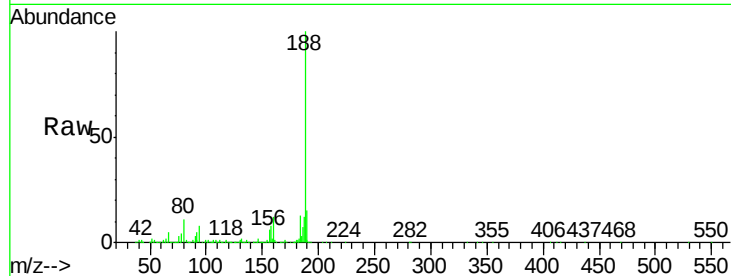




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BG023222.D
Acq: 22 Jul 2016 19:21

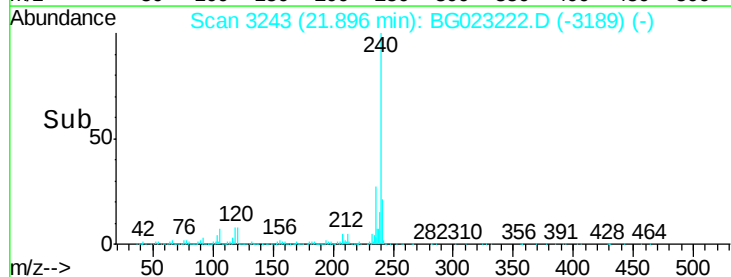
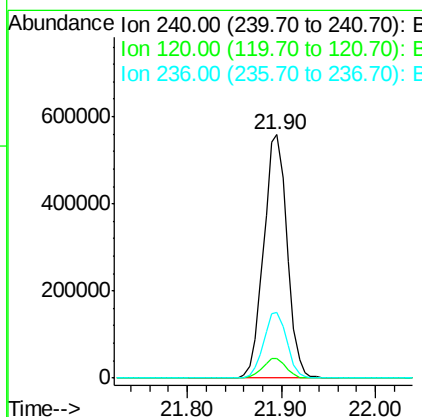
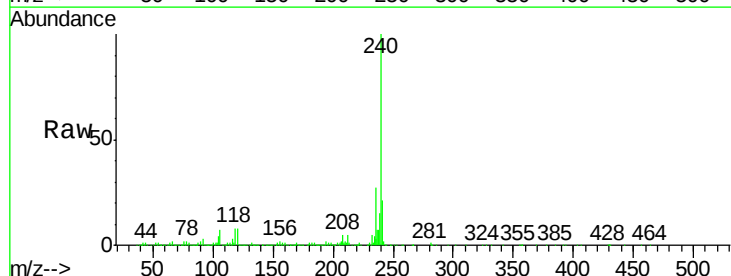
Instrument :
BNA_G
ClientSampleId :
PB92359TB

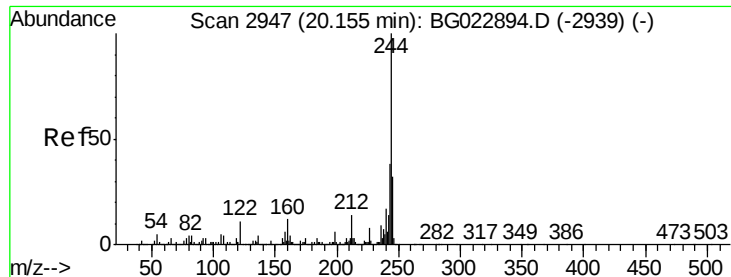
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.2	7.8
80	10.8	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023222.D
Acq: 22 Jul 2016 19:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	4.1	6.1#
236	26.9	21.1	31.7





#78

Terphenyl-d14

Concen: 87.93 ng

RT: 20.18 min Scan# 2951

Delta R.T. 0.01 min

Lab File: BG023222.D

Acq: 22 Jul 2016 19:21

Instrument :

BNA_G

ClientSampleId :

PB92359TB

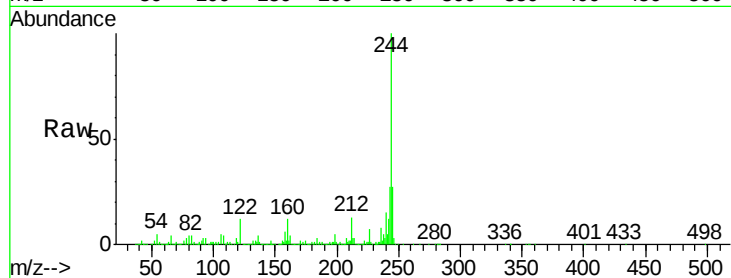
Tgt Ion:244 Resp: 2628405

Ion Ratio Lower Upper

244 100

212 13.3 10.8 16.2

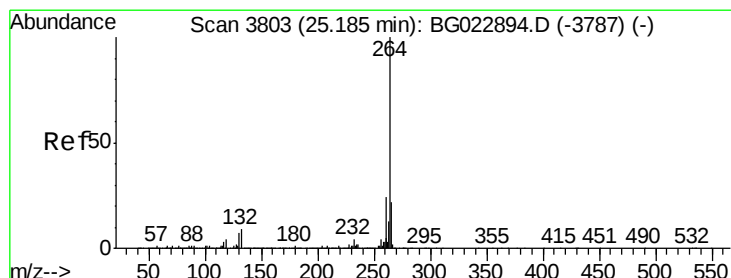
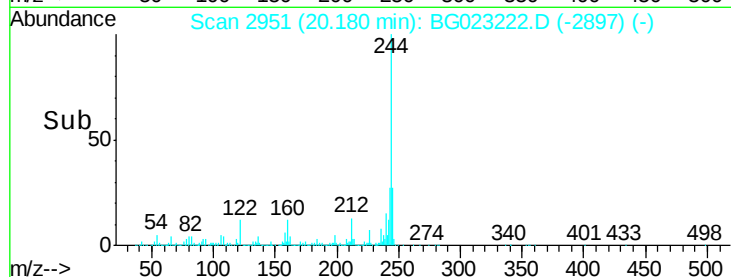
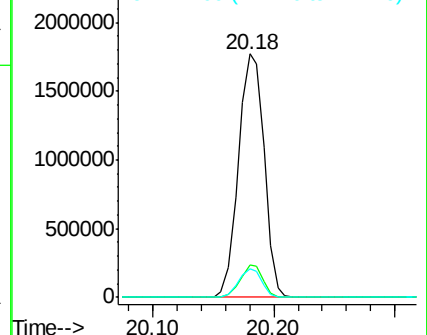
122 12.0 8.0 12.0



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: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023222.D

Acq: 22 Jul 2016 19:21

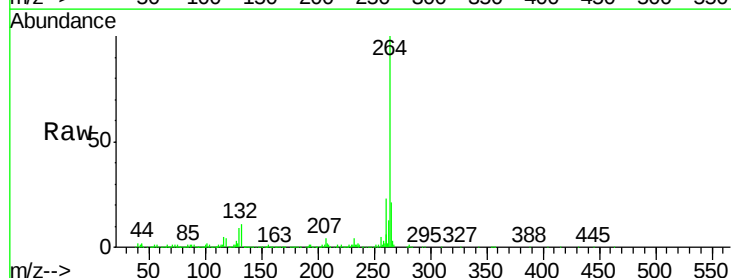
Tgt Ion:264 Resp: 915866

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.3 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

