

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023131.D
 Acq On : 16 Jul 2016 4:16
 Operator : UM/SJ
 Sample : H4045-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H10-B3(6-12)C

Quant Time: Jul 16 05:13:03 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

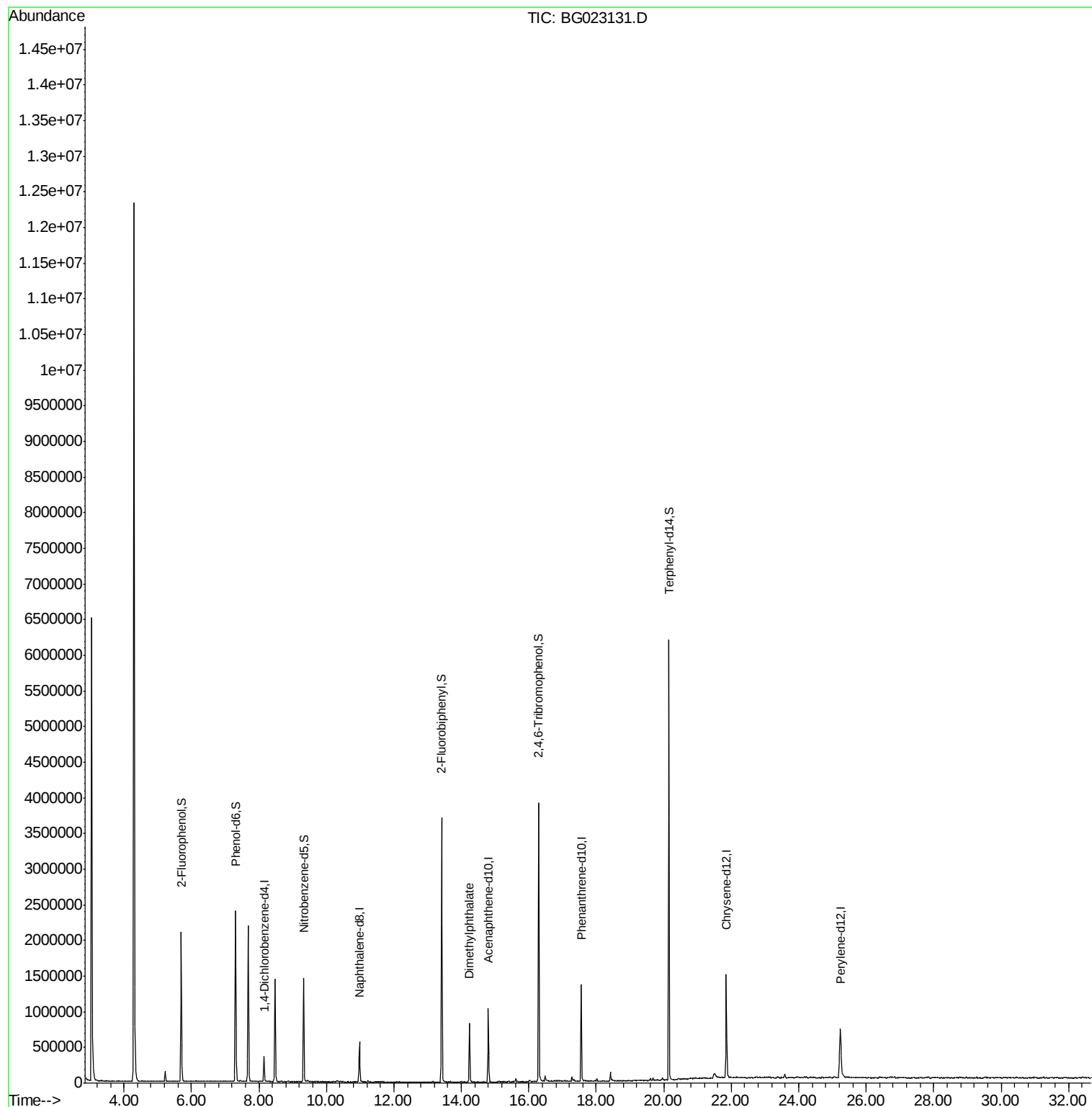
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91213	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	437767	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	341186	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	821631	20.00	ng	0.00
75) Chrysene-d12	21.85	240	880208	20.00	ng	0.00
86) Perylene-d12	25.23	264	888356	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	814878	146.11	ng	0.00
7) Phenol-d6	7.31	99	1310589	150.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	969605	94.84	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	698999	113.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1793527	82.80	ng	0.00
78) Terphenyl-d14	20.16	244	2353839	84.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	497604	17.85	ng	Qvalue 99

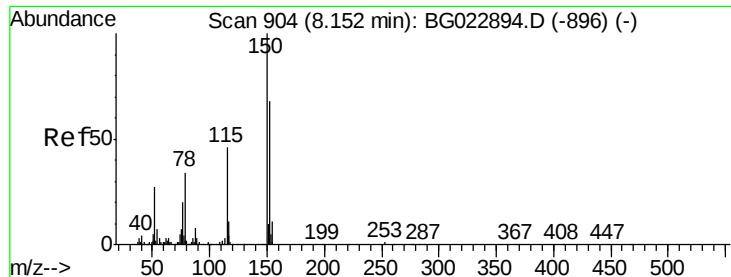
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023131.D

Acq: 16 Jul 2016 4:16

Instrument :

BNA_G

ClientSampleId :

H10-B3(6-12)C

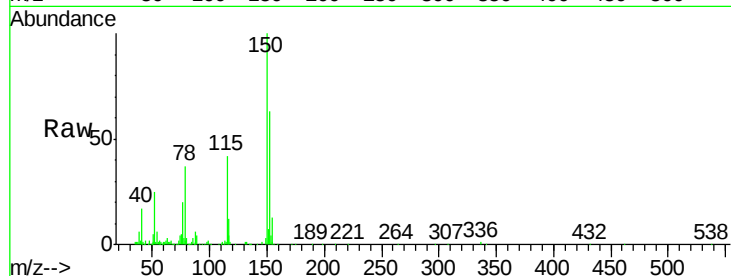
Tgt Ion:152 Resp: 91213

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

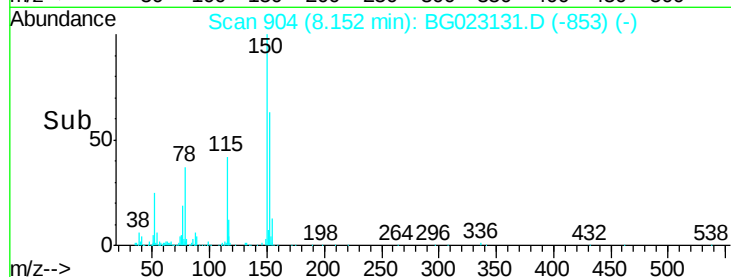
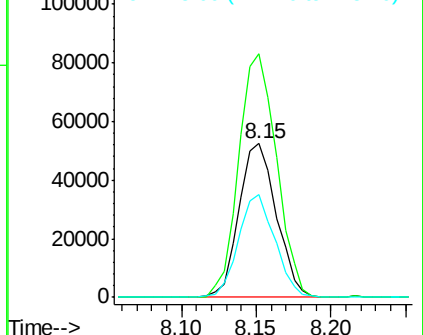
115 66.6 64.0 96.0



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: 146.11 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

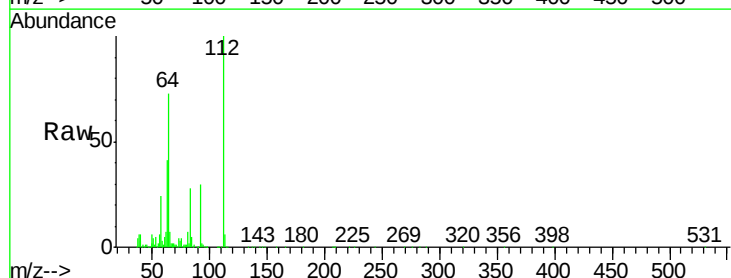
Tgt Ion:112 Resp: 814878

Ion Ratio Lower Upper

112 100

64 72.9 59.0 88.4

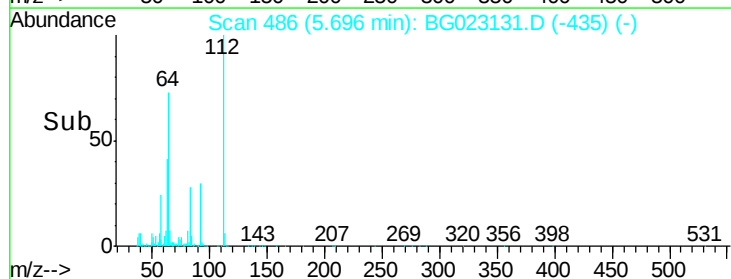
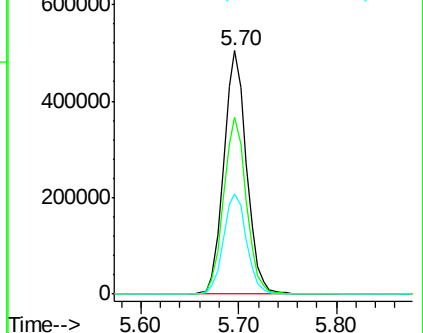
63 41.1 37.8 56.8

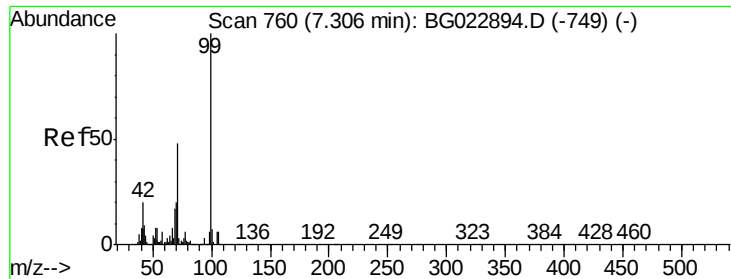


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.04 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

Instrument :

BNA_G

ClientSampleId :

H10-B3(6-12)C

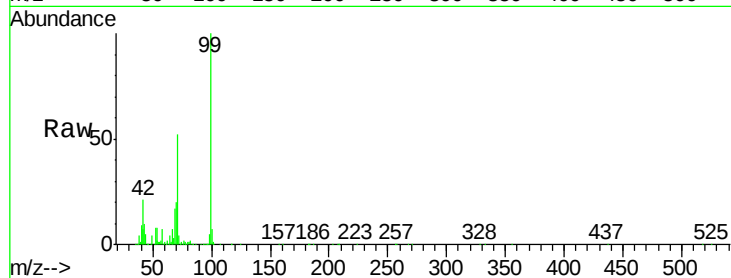
Tgt Ion: 99 Resp: 1310589

Ion Ratio Lower Upper

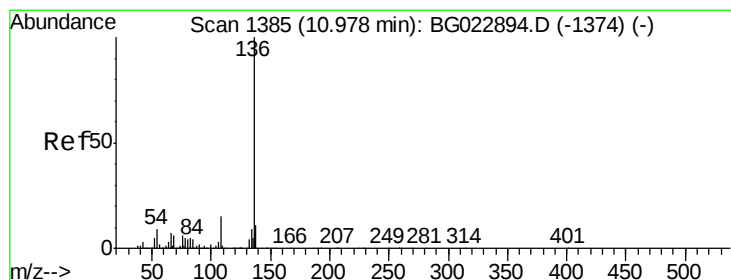
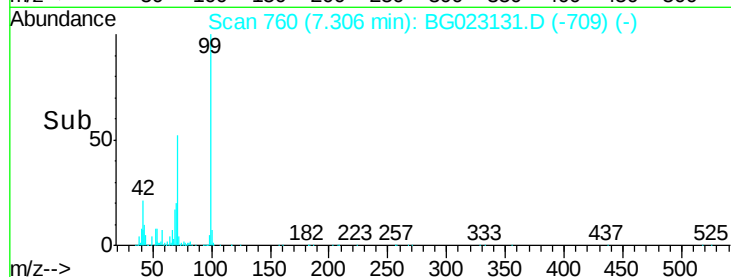
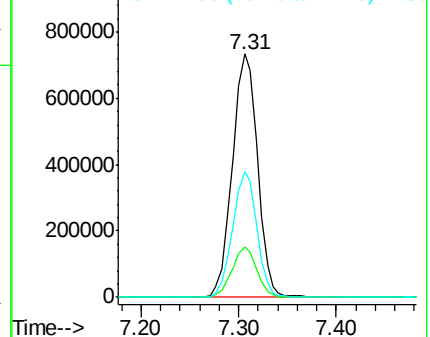
99 100

42 20.5 17.8 26.6

71 51.6 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: BG023131.D

Acq: 16 Jul 2016 4:16

Tgt Ion: 136 Resp: 437767

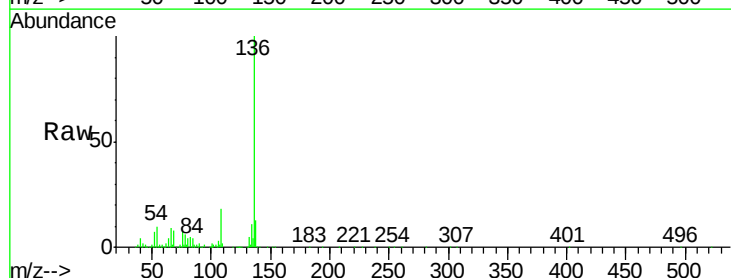
Ion Ratio Lower Upper

136 100

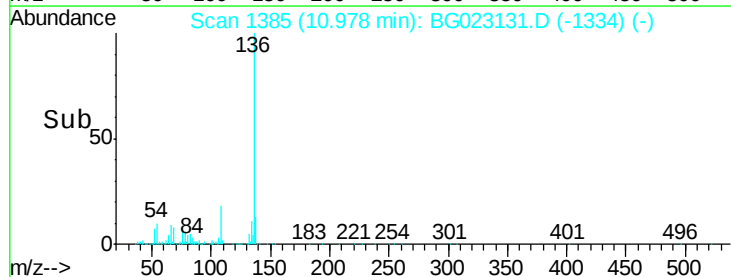
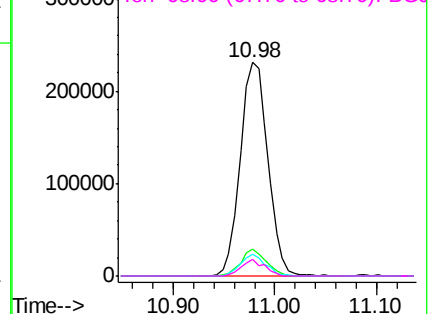
137 12.6 9.6 14.4

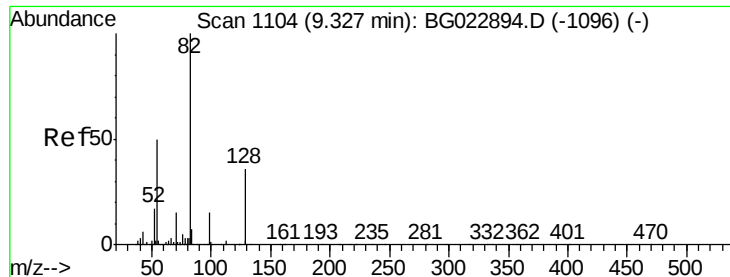
54 10.4 7.3 10.9

68 7.6 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

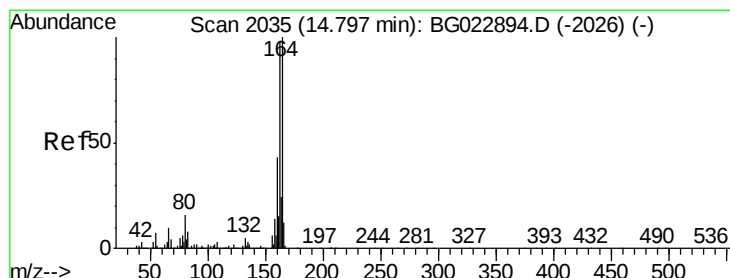
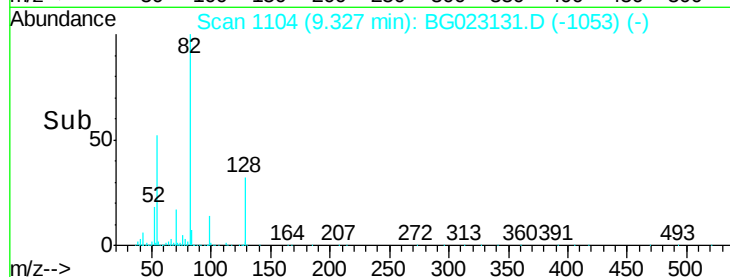
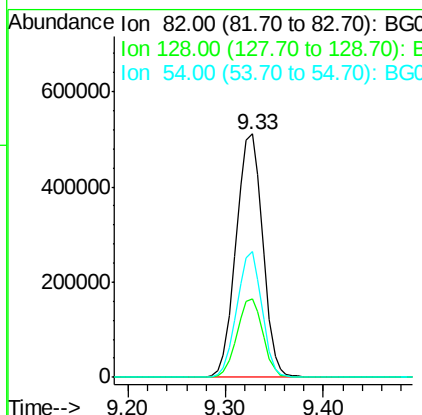
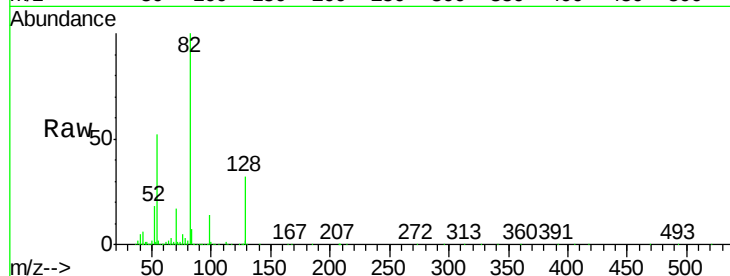




#23
 Nitrobenzene-d5
 Concen: 94.84 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023131.D
 Acq: 16 Jul 2016 4:16

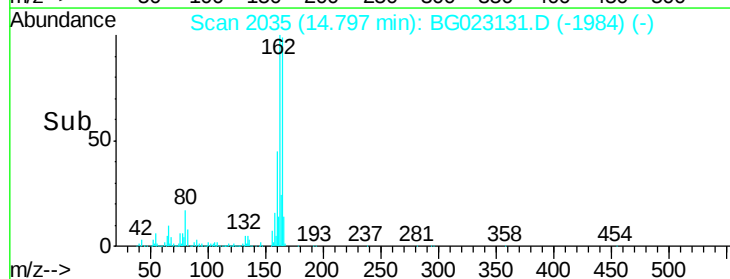
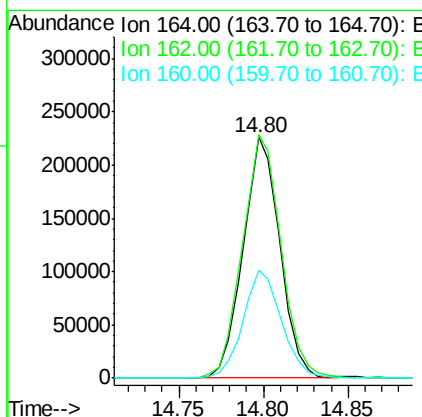
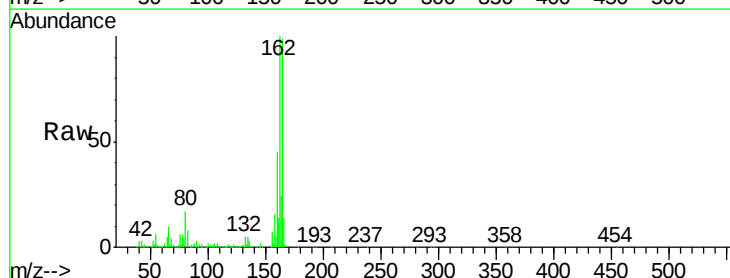
Instrument :
 BNA_G
 ClientSampleId :
 H10-B3(6-12)C

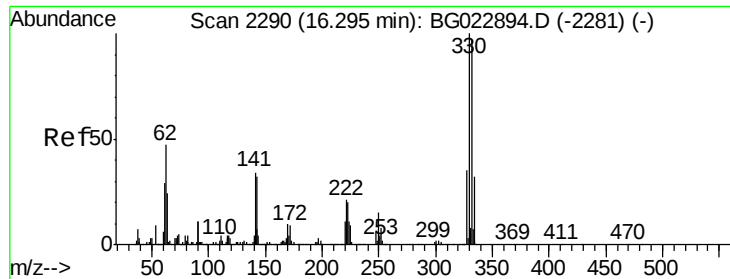
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	51.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023131.D
 Acq: 16 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	45.0	37.2	55.8

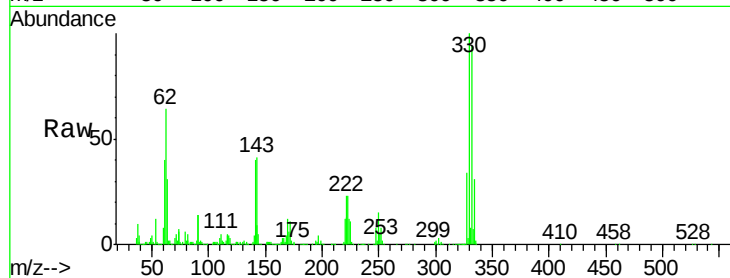




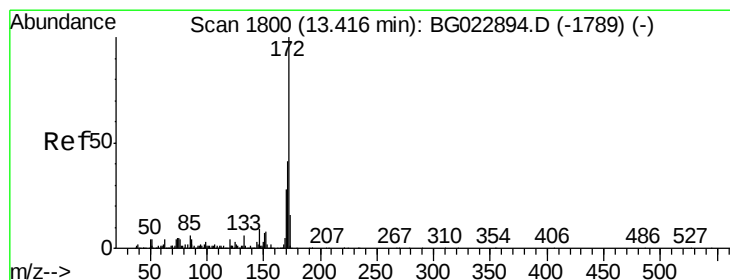
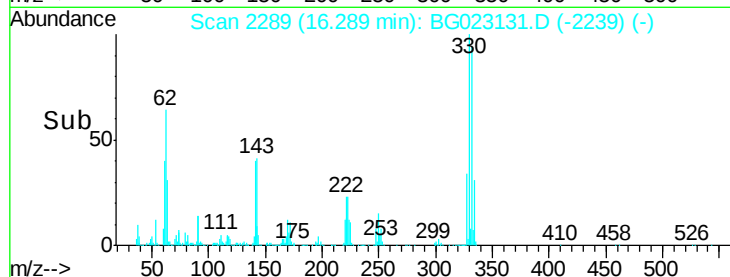
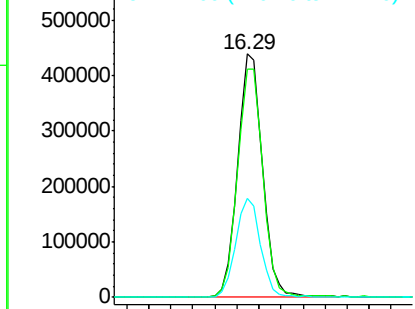
#41
 2,4,6-Tribromophenol
 Concen: 113.99 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023131.D
 Acq: 16 Jul 2016 4:16

Instrument :
 BNA_G
 ClientSampleId :
 H10-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.5	31.7	47.5

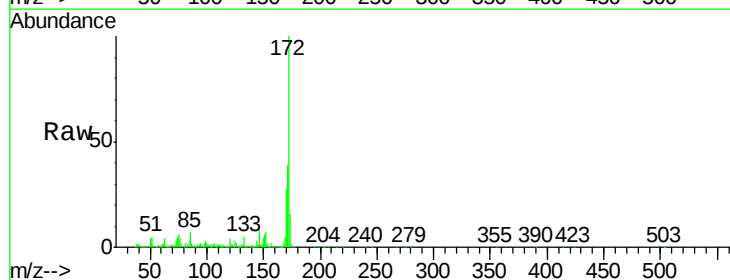


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

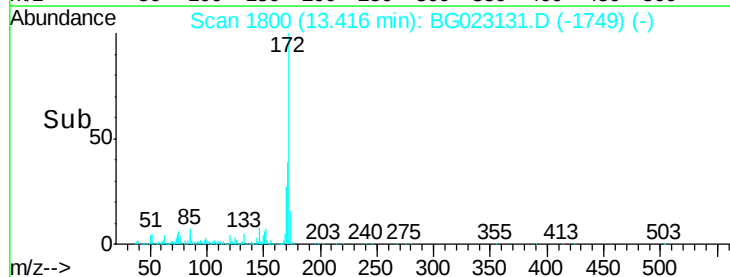
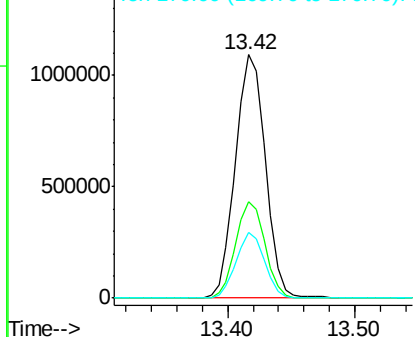


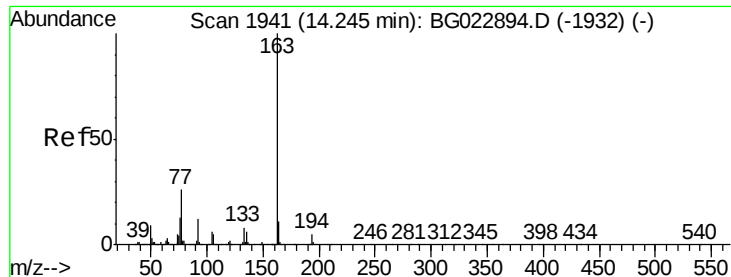
#44
 2-Fluorobiphenyl
 Concen: 82.80 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023131.D
 Acq: 16 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	26.8	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





#49

Dimethylphthalate

Concen: 17.85 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

Instrument :

BNA_G

ClientSampleId :

H10-B3(6-12)C

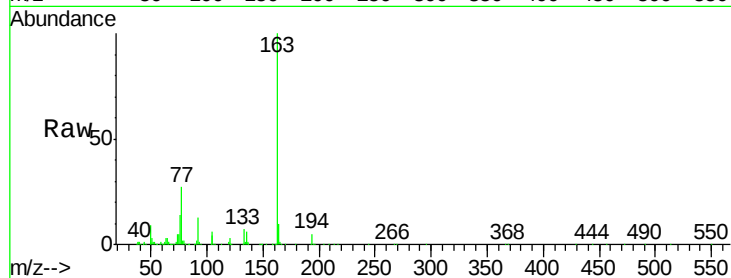
Tgt Ion:163 Resp: 497604

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

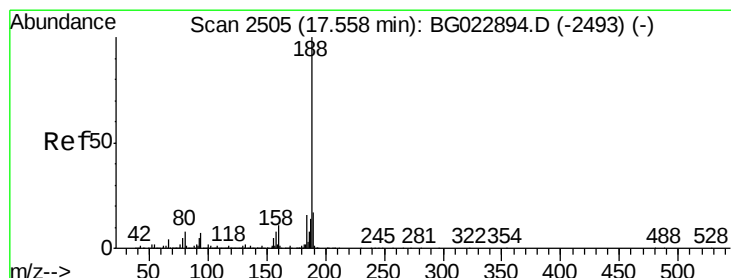
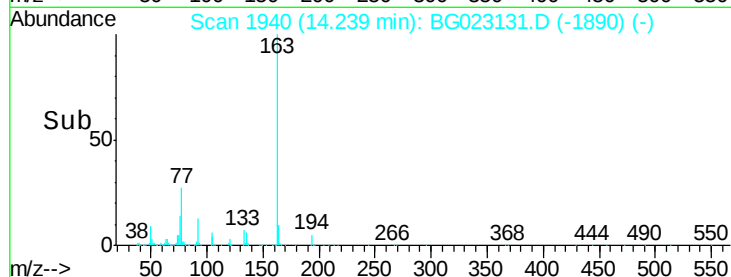
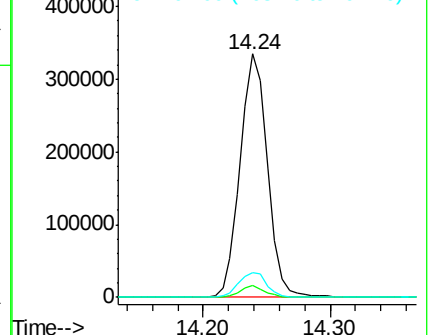
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

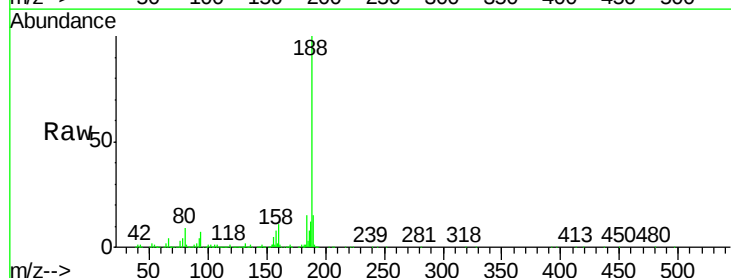
Tgt Ion:188 Resp: 821631

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

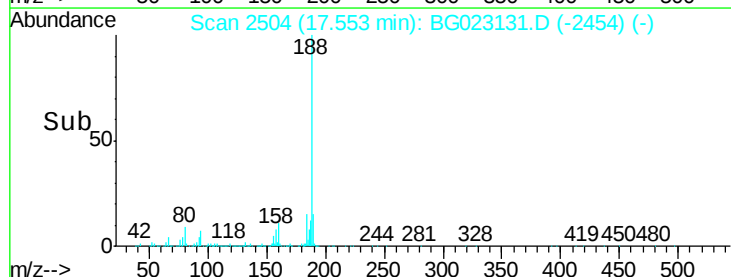
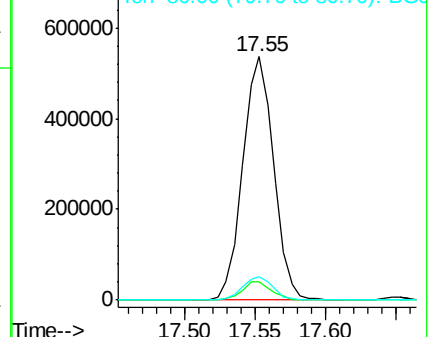
80 9.4 7.2 10.8

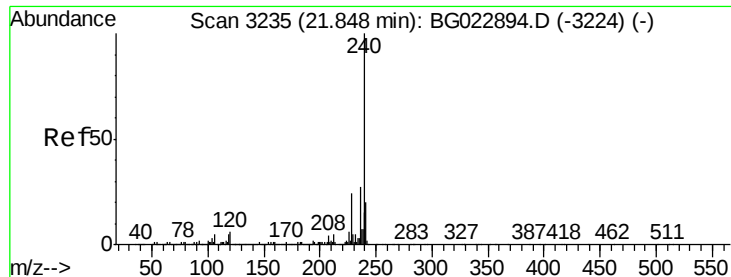


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

Instrument :

BNA_G

ClientSampleId :

H10-B3(6-12)C

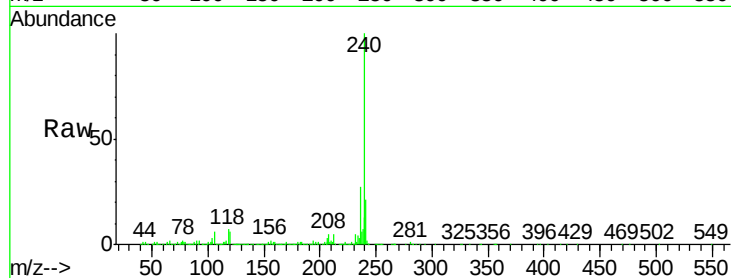
Tgt Ion:240 Resp: 880208

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

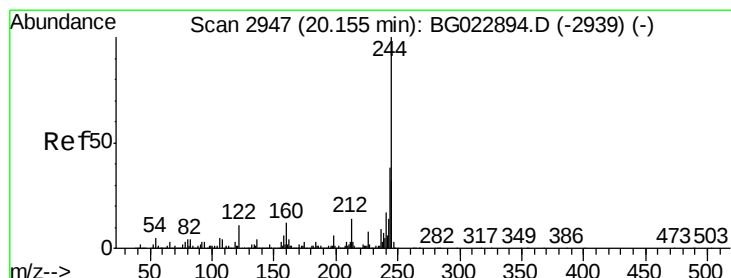
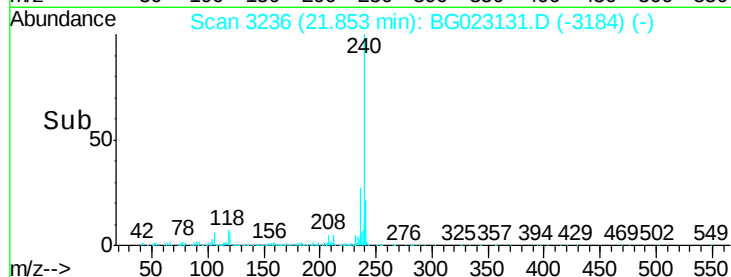
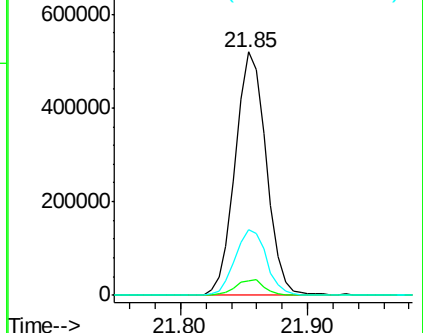
236 27.1 21.1 31.7



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: 84.71 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG023131.D

Acq: 16 Jul 2016 4:16

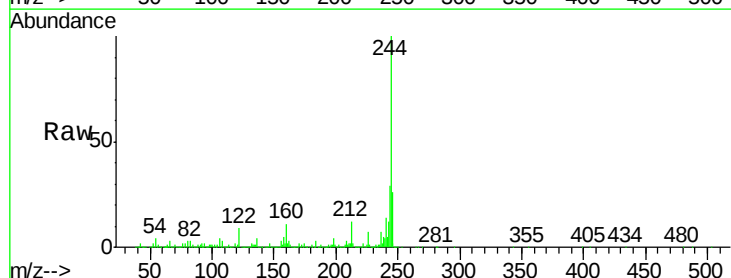
Tgt Ion:244 Resp: 2353839

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

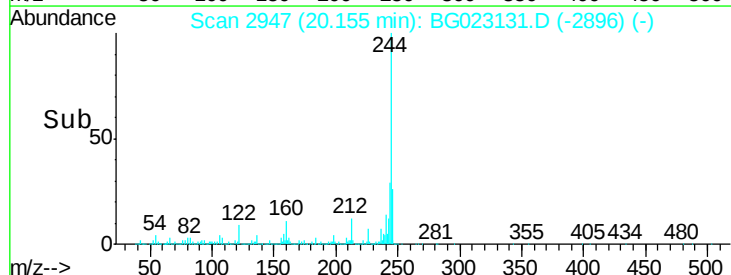
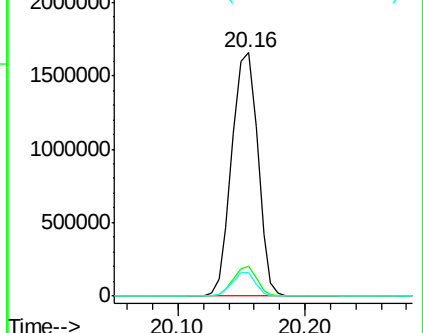
122 9.4 8.0 12.0

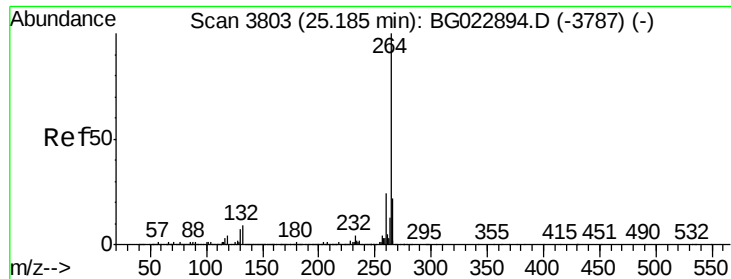


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811
Delta R.T. 0.05 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.2	18.9	28.3

