

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025815.D
 Acq On : 6 Feb 2017 23:22
 Operator : SJ/MA
 Sample : I1695-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-11

Quant Time: Feb 07 02:50:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	73383	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	306558	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	229679	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	531949	20.00	ng	0.00
75) Chrysene-d12	21.82	240	706752	20.00	ng	-0.01
86) Perylene-d12	25.20	264	669066	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	631208	154.16	ng	-0.01
7) Phenol-d6	7.32	99	819671	137.06	ng	0.00
23) Nitrobenzene-d5	9.34	82	706631	97.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	460336	140.54	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1334529	94.37	ng	-0.01
78) Terphenyl-d14	20.11	244	2579467	88.09	ng	-0.01

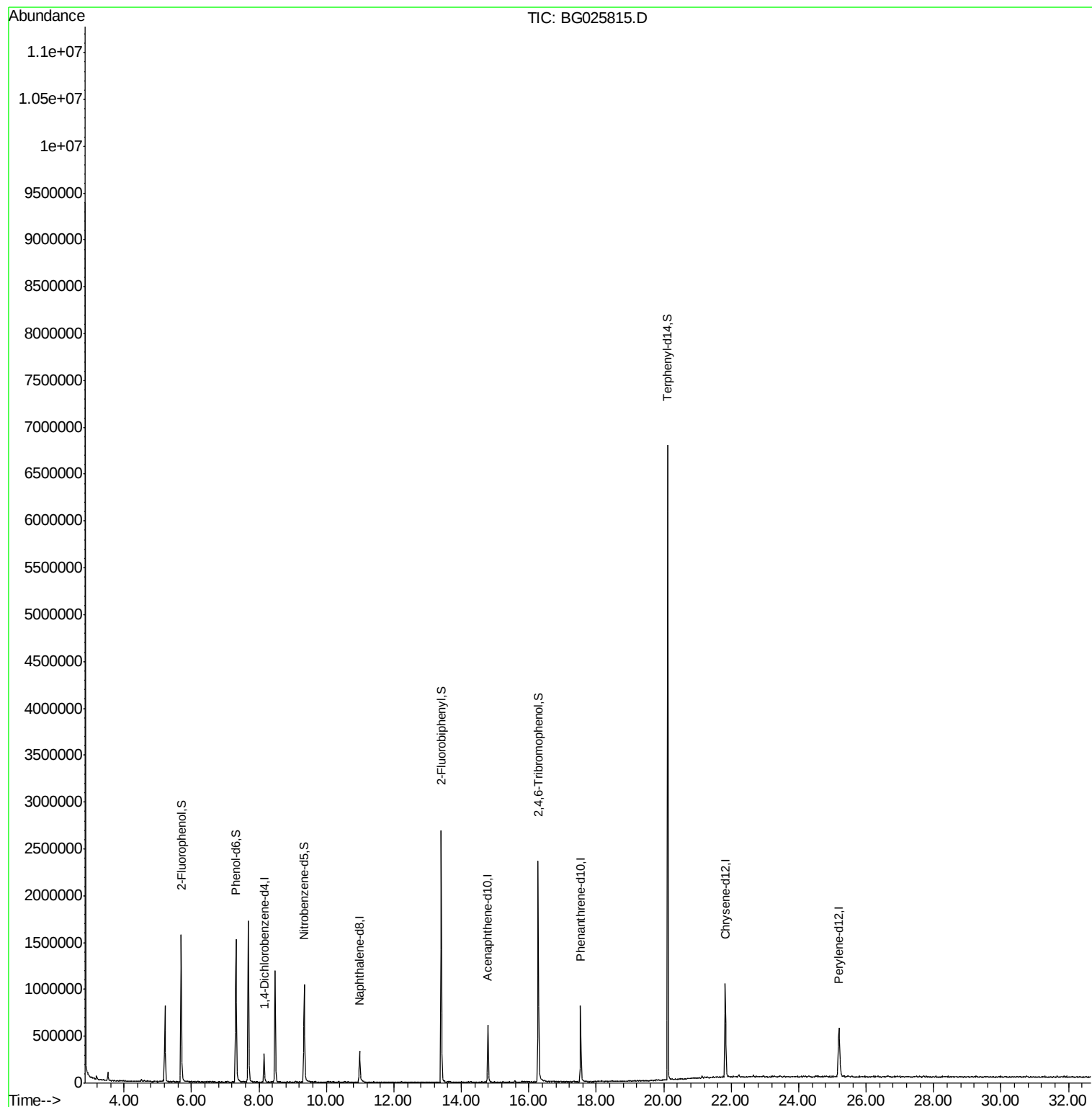
Target Compounds Qvalue

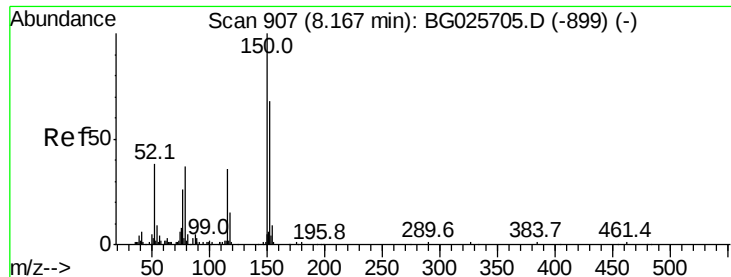
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
Data File : BG025815.D
Acq On : 6 Feb 2017 23:22
Operator : SJ/MA
Sample : I1695-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2-11

Quant Time: Feb 07 02:50:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

B2-11

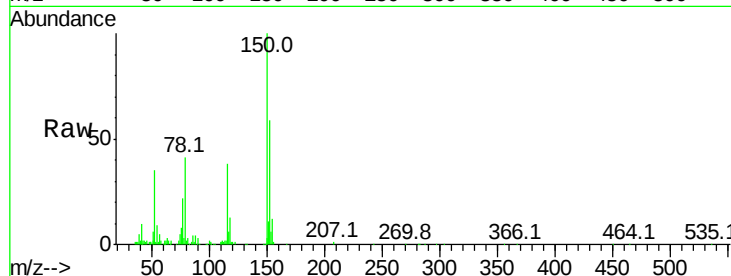
Tot Ion:152 Resp: 73383

Ion Ratio Lower Upper

152 100

150 170.3 114.0 171.0

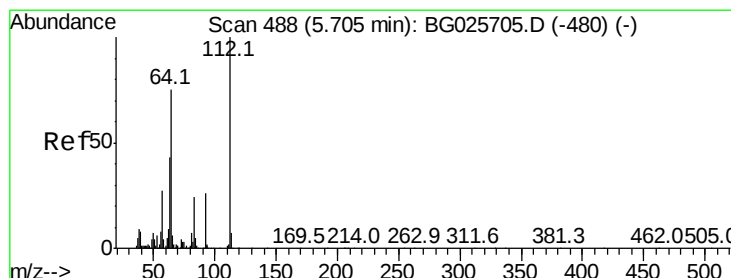
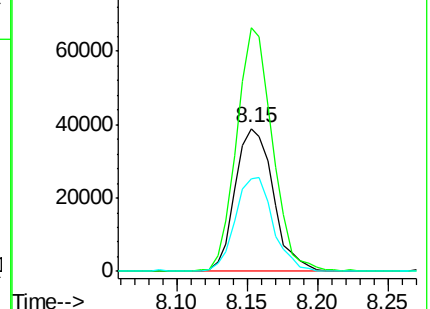
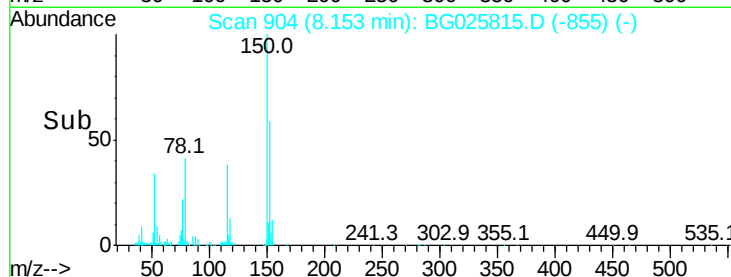
115 65.0 48.1 72.1



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: 154.16 ng

RT: 5.69 min Scan# 485

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

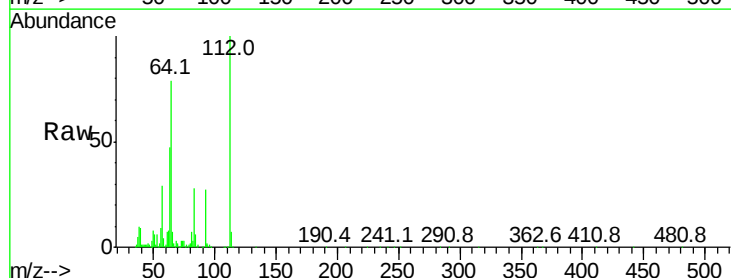
Tgt Ion:112 Resp: 631208

Ion Ratio Lower Upper

112 100

64 79.1 61.8 92.6

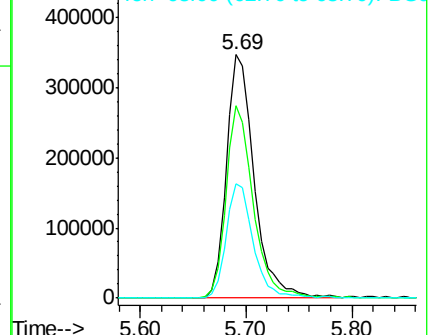
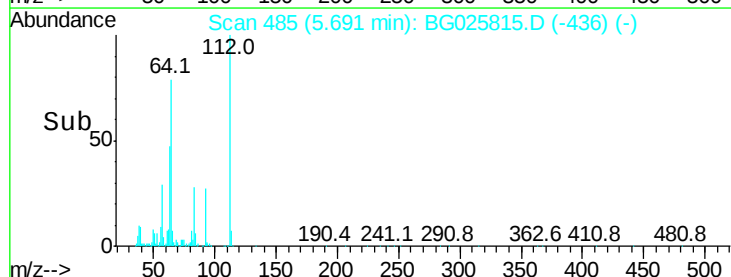
63 47.0 37.2 55.8

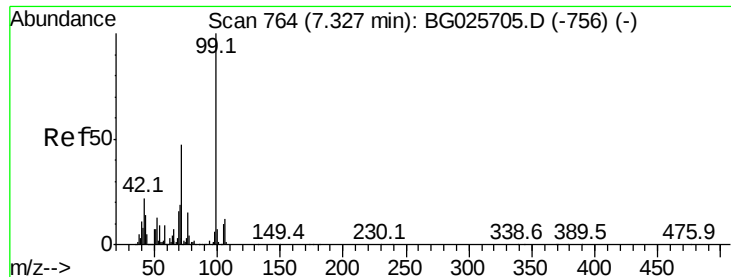


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.06 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampled :

B2-11

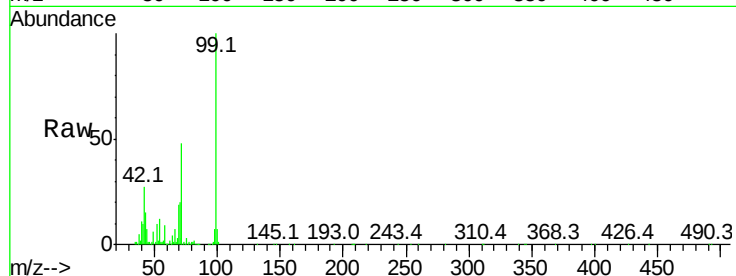
Tot Ion: 99 Resp: 819671

Ion Ratio Lower Upper

99 100

42 26.7 20.5 30.7

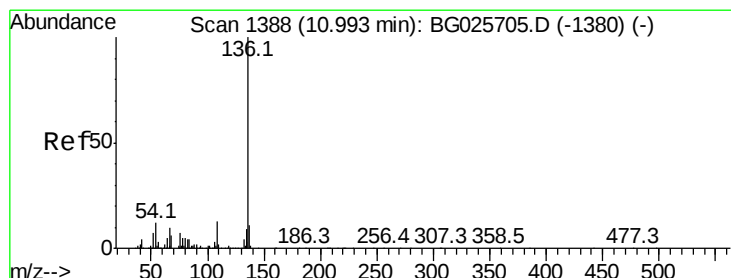
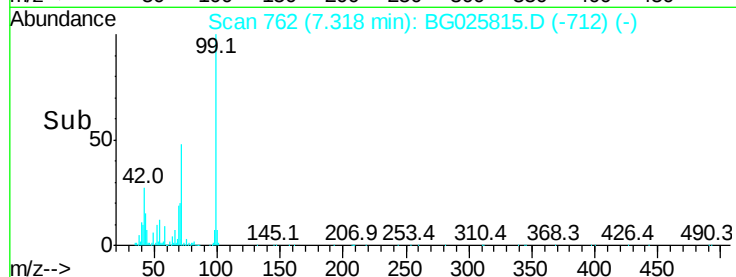
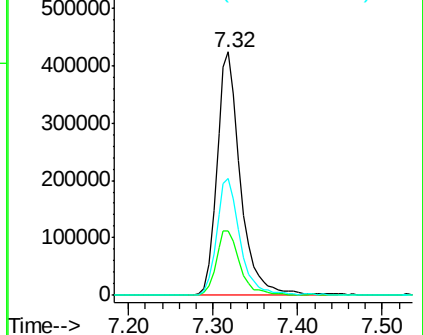
71 48.0 37.6 56.4



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: BG025815.D

Acq: 6 Feb 2017 23:22

Tgt Ion: 136 Resp: 306558

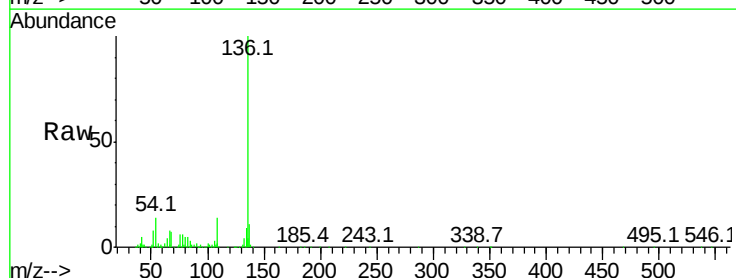
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 13.5 9.3 13.9

68 6.6 5.1 7.7

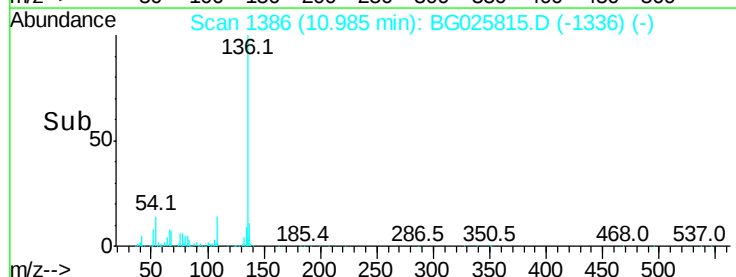
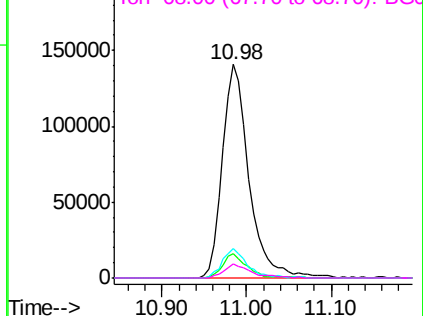


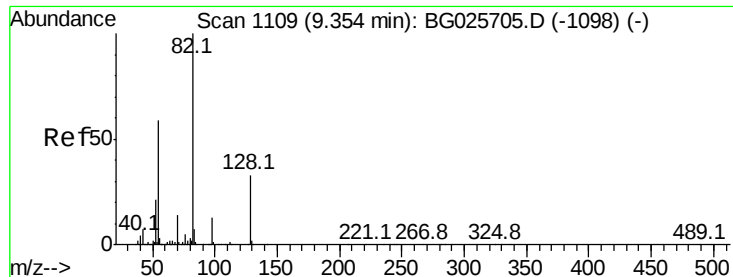
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

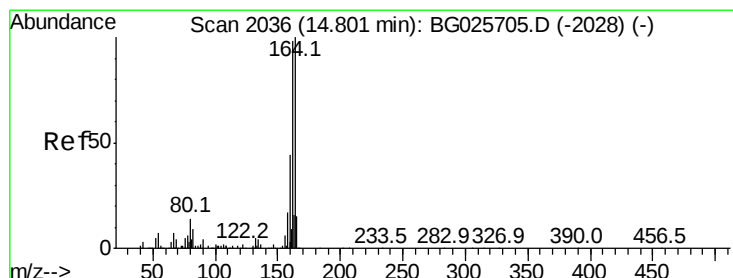
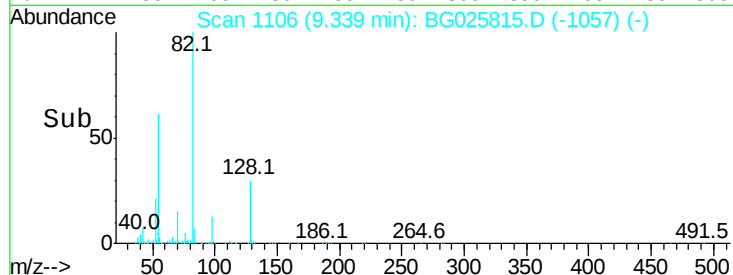
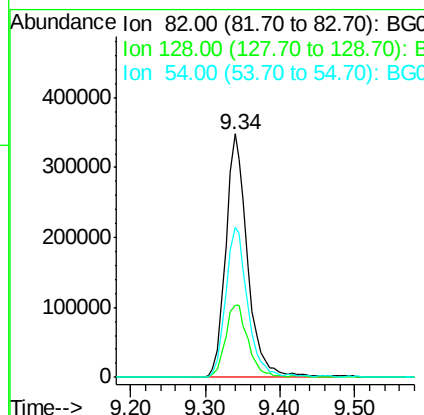
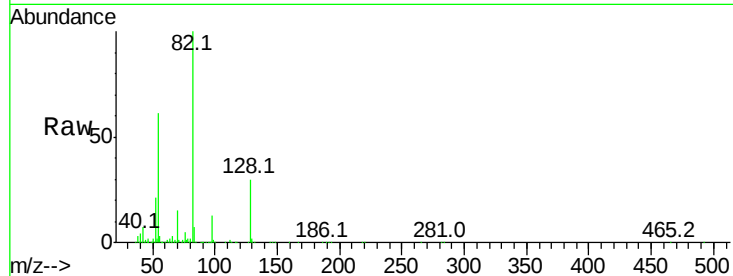




#23
 Nitrobenzene-d5
 Concen: 97.39 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

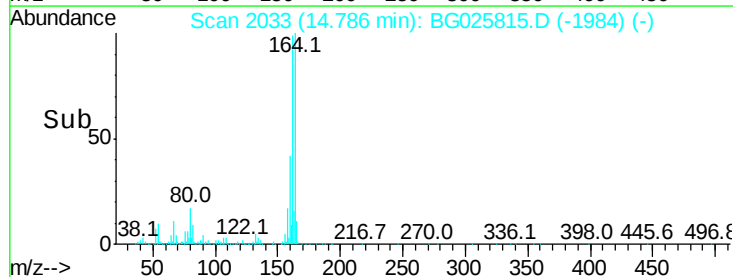
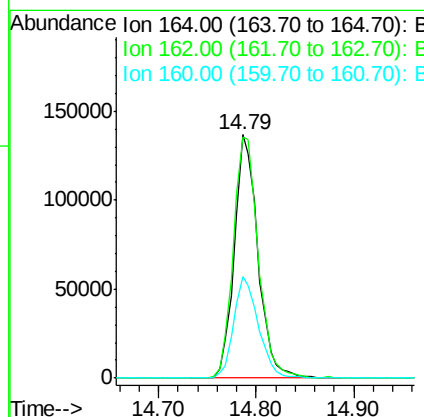
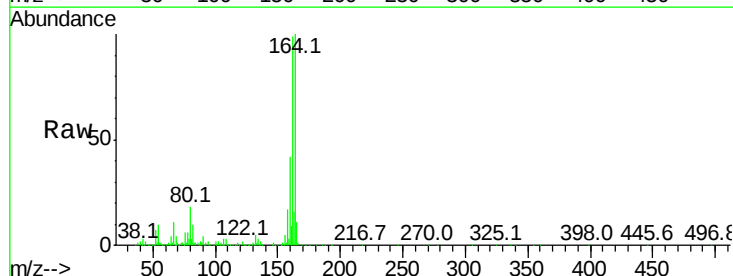
Instrument :
 BNA_G
 ClientSampleId :
 B2-11

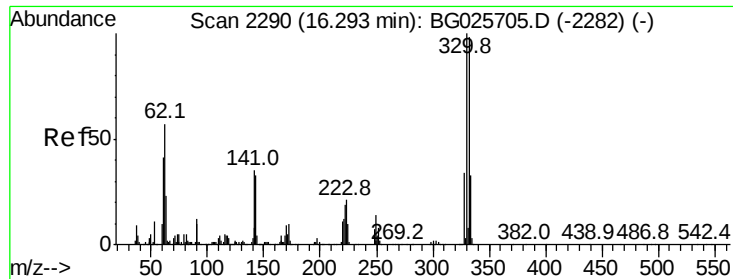
Tot Ion	Ratio	Lower	Upper
82	100		
128	29.9	26.4	39.6
54	61.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.1	127.7
160	41.9	34.7	52.1

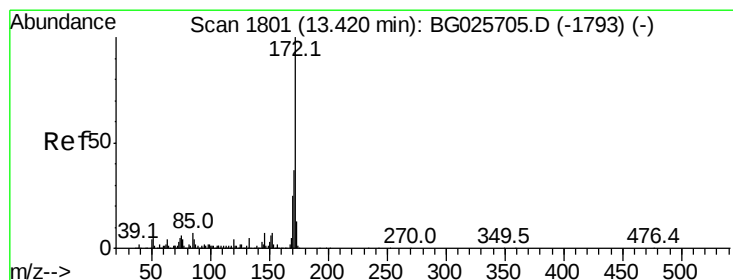
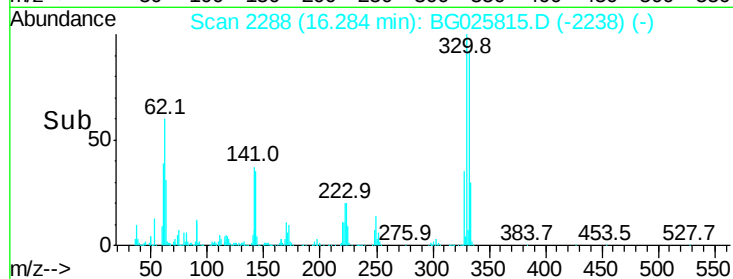
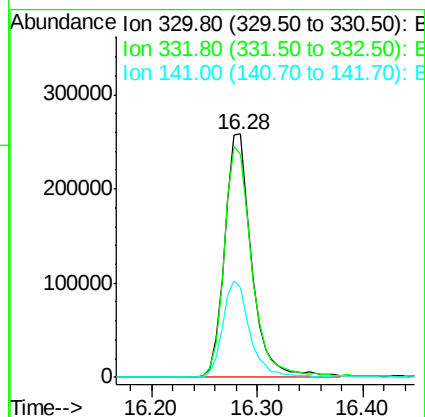
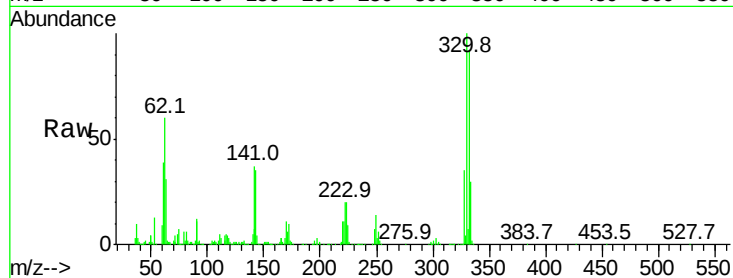




#41
 2,4,6-Tribromophenol
 Concen: 140.54 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

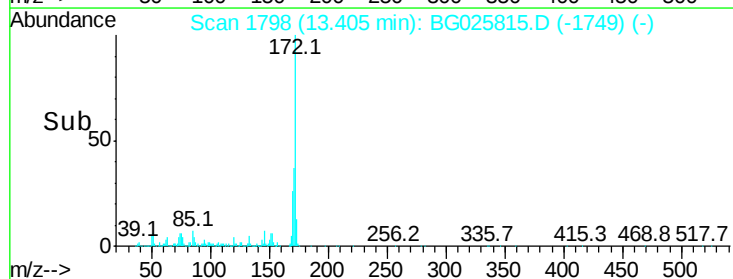
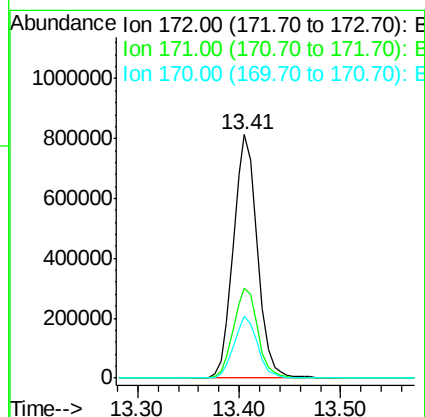
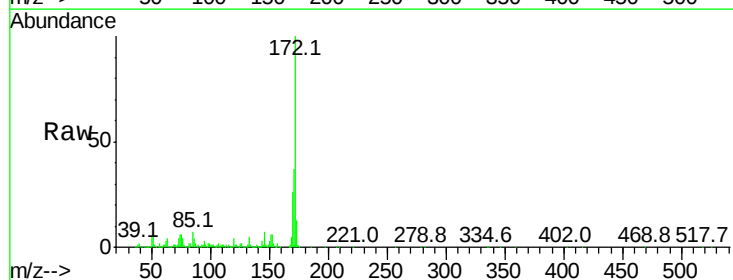
Instrument :
 BNA_G
 ClientSampleId :
 B2-11

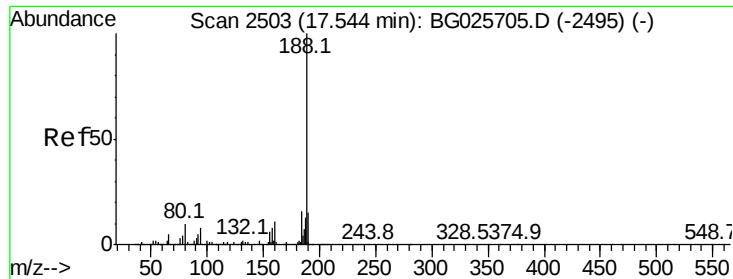
Tot Ion:330 Resp: 460336
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 39.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 13.41 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

Tgt Ion:172 Resp: 1334529
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 25.7 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

B2-11

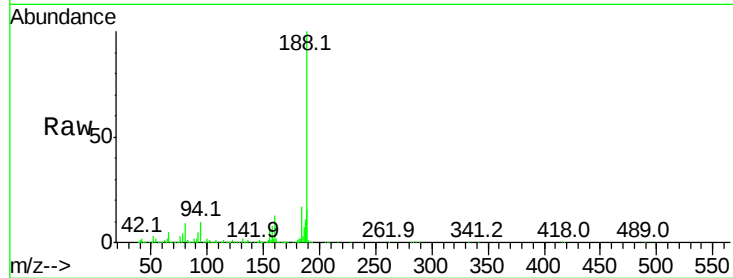
Tot Ion:188 Resp: 531949

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

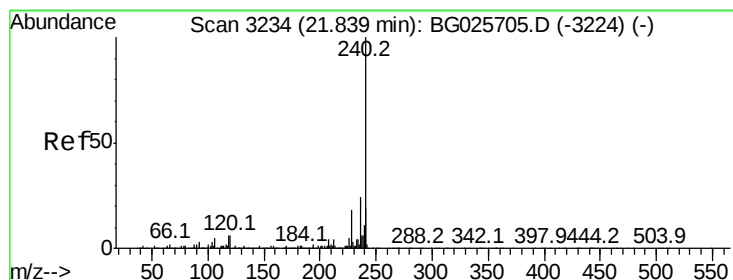
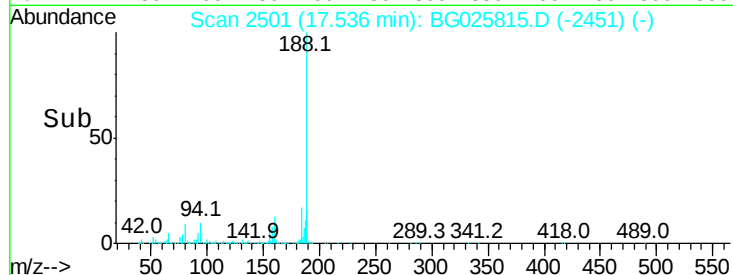
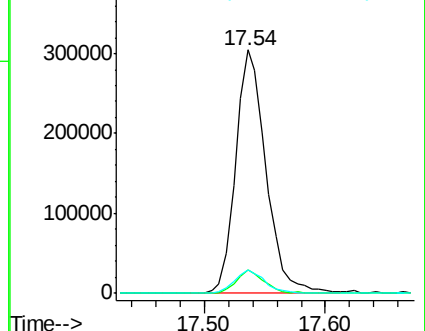
80 9.5 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

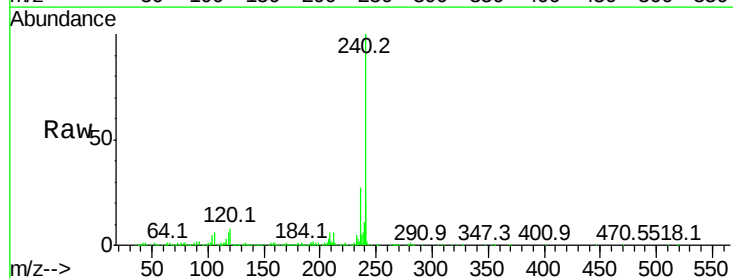
Tgt Ion:240 Resp: 706752

Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

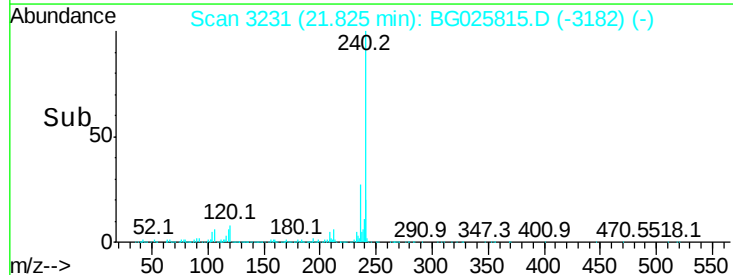
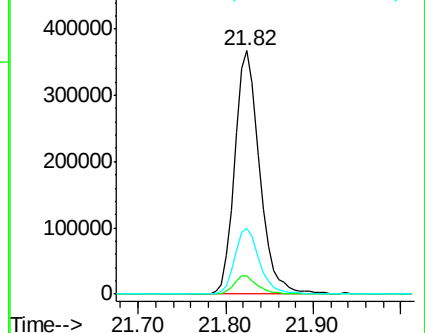
236 27.0 22.2 33.4

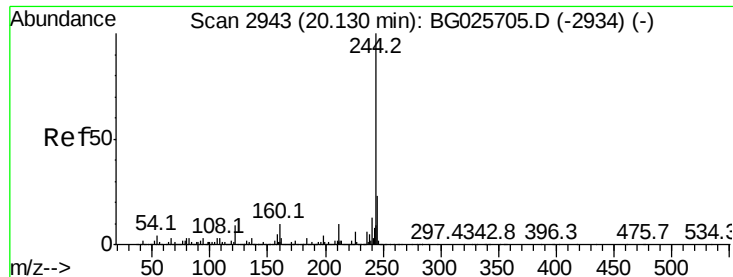


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.09 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.01 min

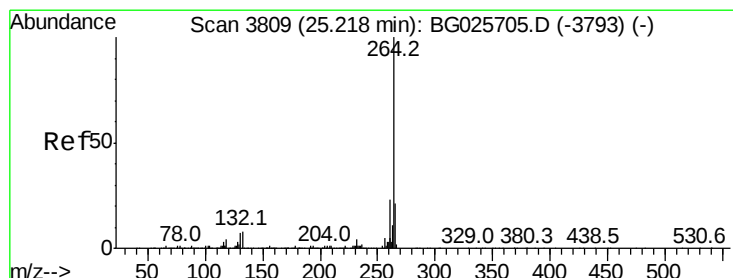
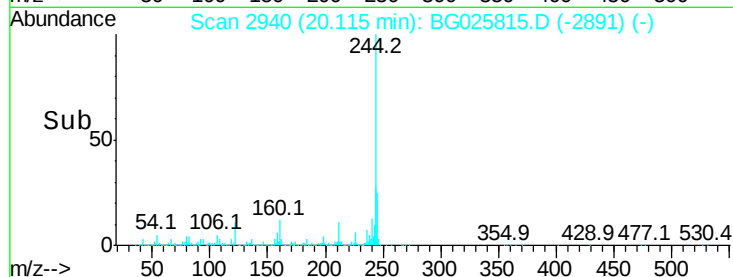
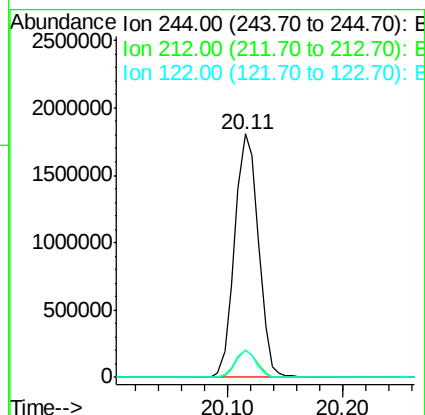
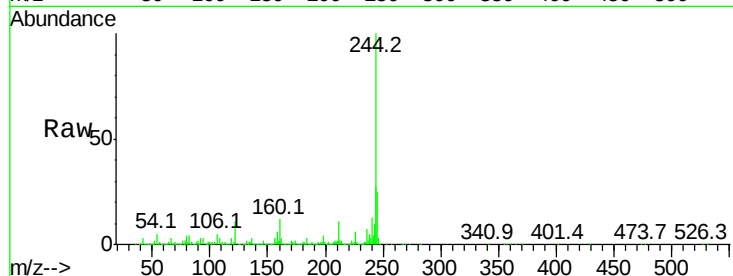
Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :
BNA_G
ClientSampleId :
B2-11

Tot Ion:244 Resp: 2579467

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	11.1	8.6	12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3805

Delta R.T. -0.02 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Tgt Ion:264 Resp: 669066

Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	20.9	18.2	27.4

