

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021697.D
 Acq On : 15 Apr 2016 22:35
 Operator : UM/SJ
 Sample : H2549-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-EB-2016-2

Quant Time: Apr 16 03:31:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28081	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	120221	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	75163	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	185786	20.00	ng	0.00
75) Chrysene-d12	21.83	240	225638	20.00	ng	0.00
86) Perylene-d12	25.16	264	224807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	122043	72.37	ng	0.02
7) Phenol-d6	7.37	99	112937	44.84	ng	0.02
23) Nitrobenzene-d5	9.38	82	224359	95.92	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	146780	181.20	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	508176	99.06	ng	0.00
78) Terphenyl-d14	20.15	244	879129	97.22	ng	0.00

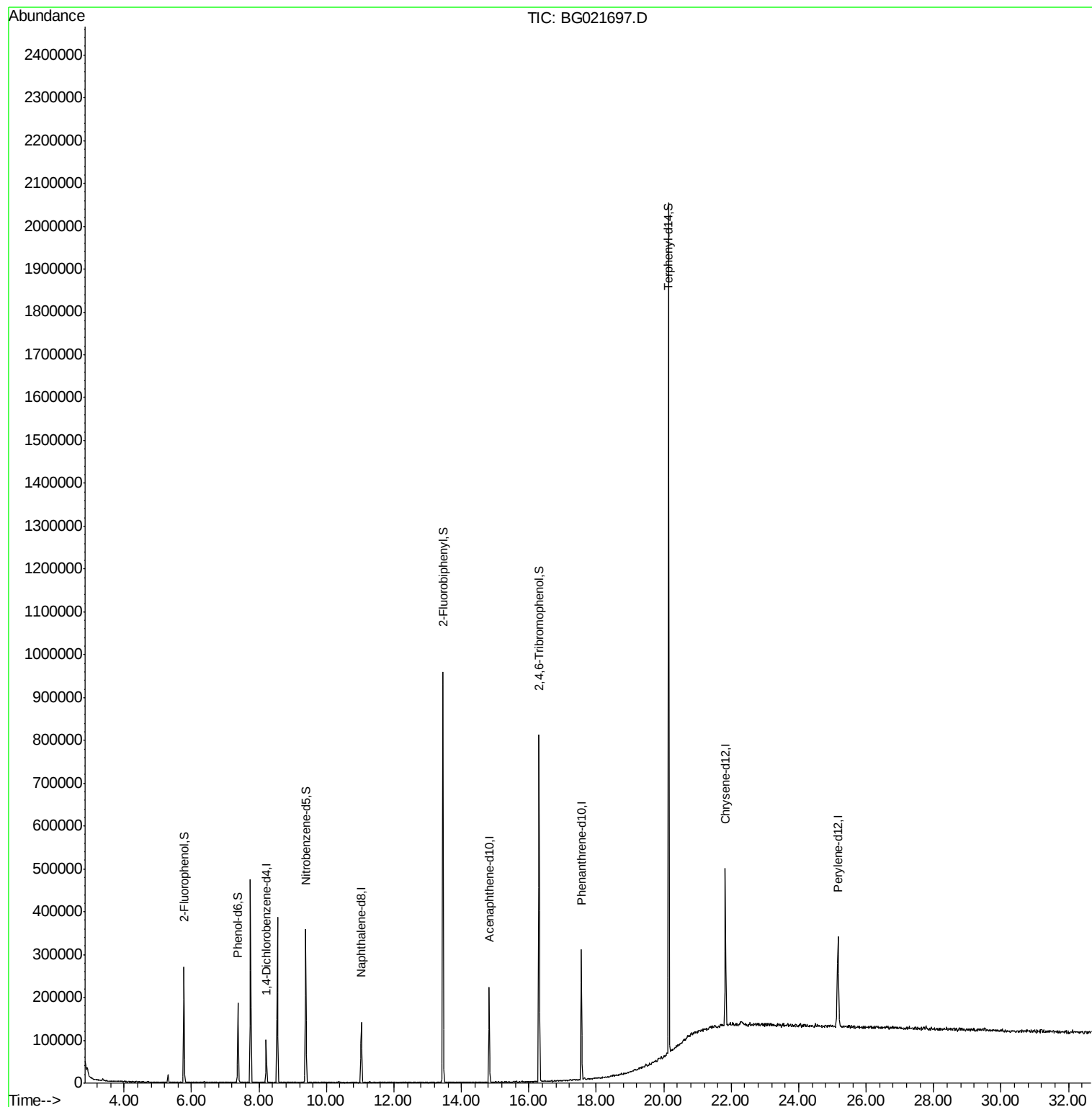
Target Compounds Qvalue

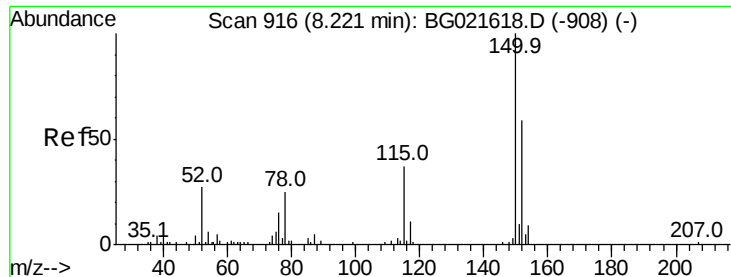
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021697.D

Acq: 15 Apr 2016 22:35

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-2

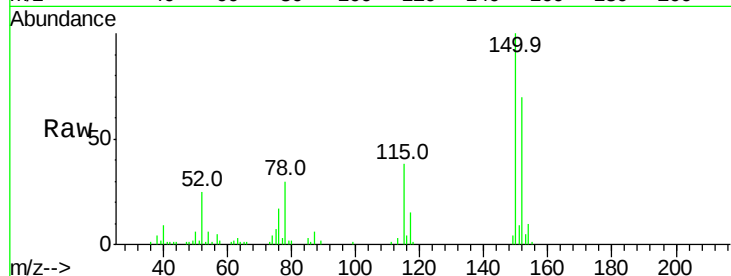
Tot Ion:152 Resp: 28081

Ion Ratio Lower Upper

152 100

150 143.3 130.1 195.1

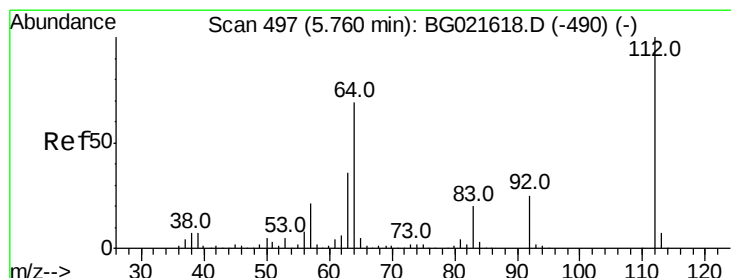
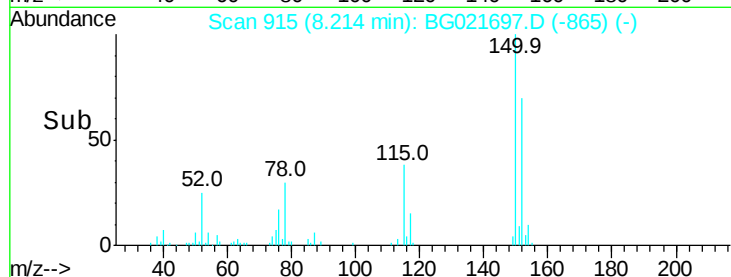
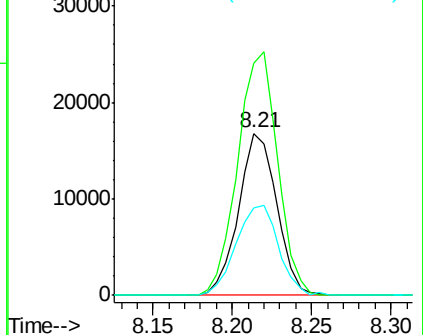
115 54.2 62.2 93.2#



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: 72.37 ng

RT: 5.78 min Scan# 500

Delta R.T. 0.02 min

Lab File: BG021697.D

Acq: 15 Apr 2016 22:35

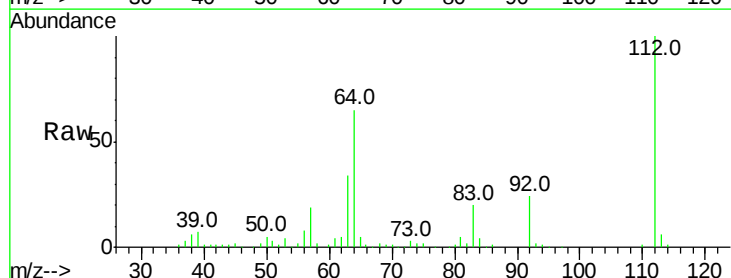
Tgt Ion:112 Resp: 122043

Ion Ratio Lower Upper

112 100

64 65.0 51.1 76.7

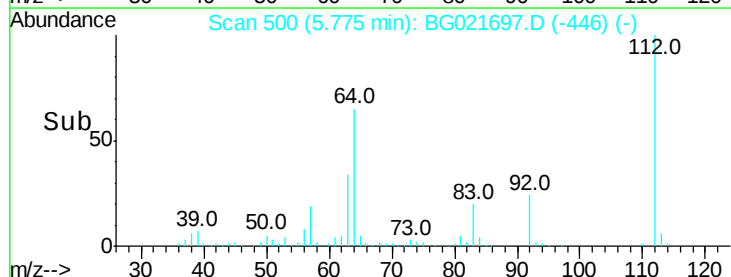
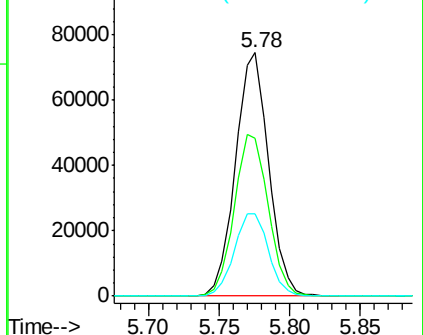
63 34.0 24.6 37.0

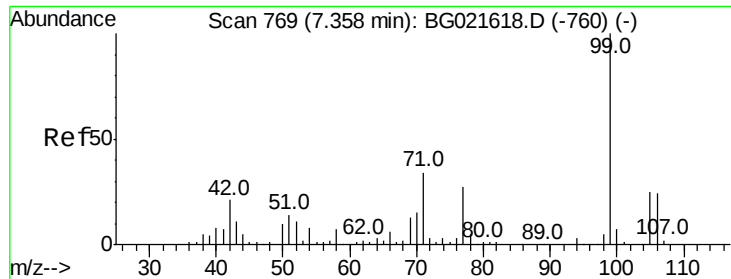


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.84 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021697.D

Acq: 15 Apr 2016 22:35

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-2

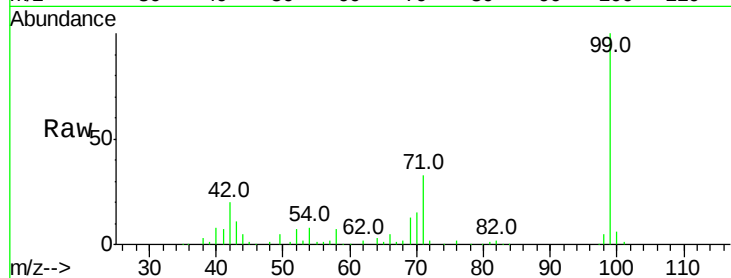
Tot Ion: 99 Resp: 112937

Ion Ratio Lower Upper

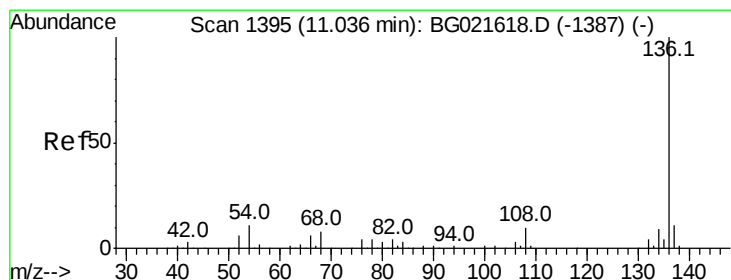
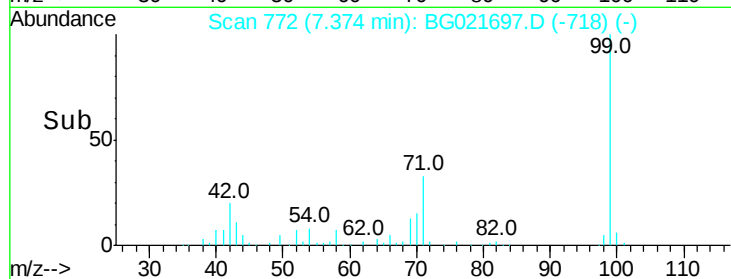
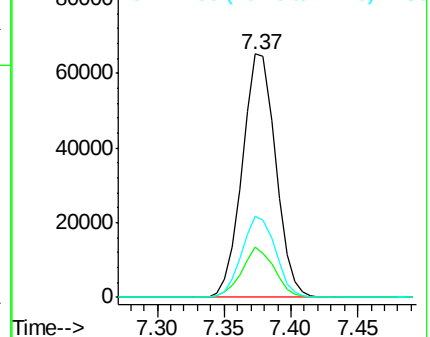
99 100

42 20.4 16.4 24.6

71 33.4 25.0 37.4



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: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021697.D

Acq: 15 Apr 2016 22:35

Tgt Ion: 136 Resp: 120221

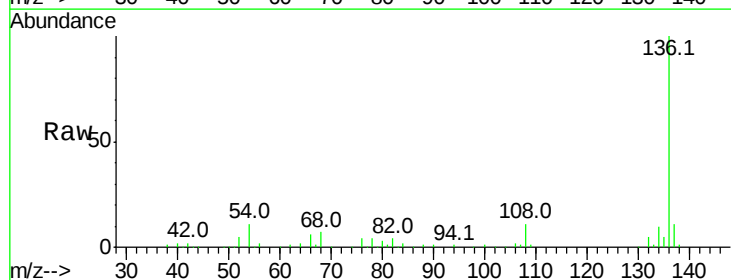
Ion Ratio Lower Upper

136 100

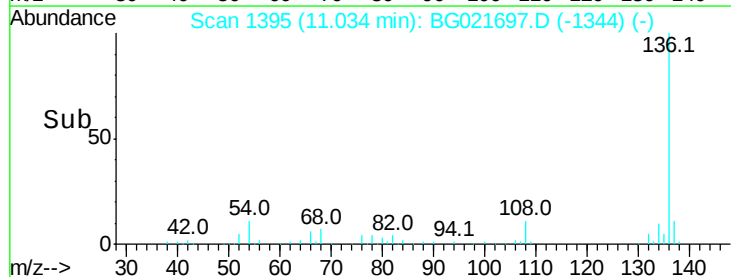
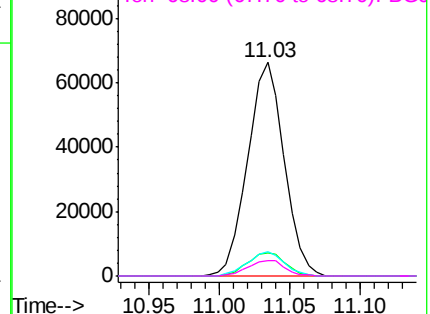
137 11.1 9.0 13.4

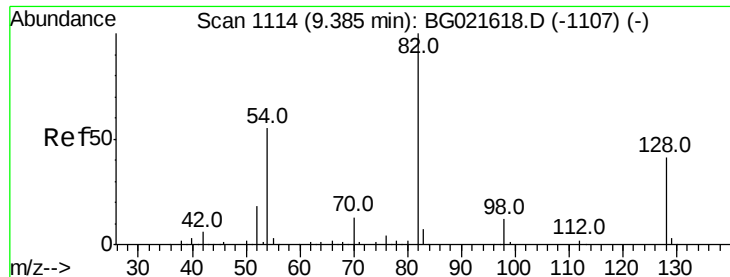
54 11.4 9.6 14.4

68 7.3 6.4 9.6



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

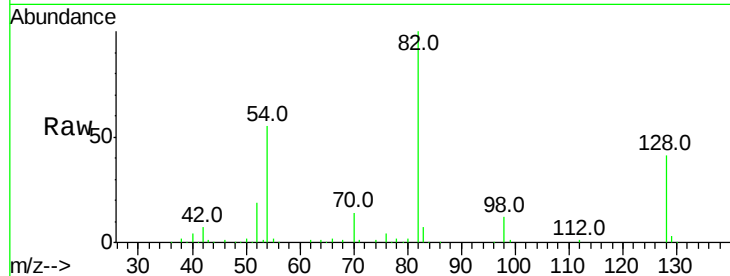




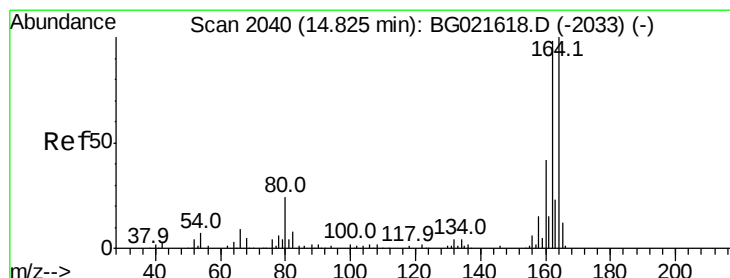
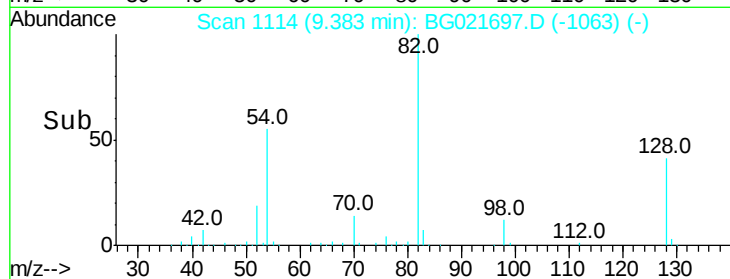
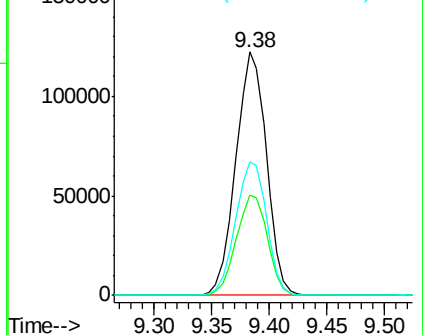
#23
Nitrobenzene-d5
Concen: 95.92 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021697.D
Acq: 15 Apr 2016 22:35

Instrument :
BNA_G
ClientSampleId :
S8-EB-2016-2

Tot Ion	82	Resp	224359
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.4	50.0
54	54.9	46.1	69.1

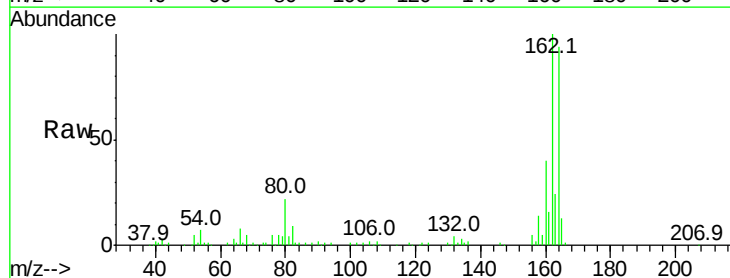


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

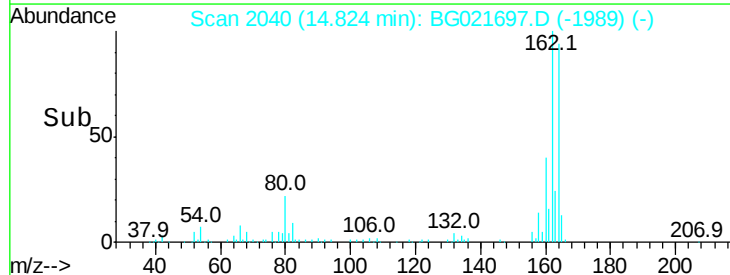
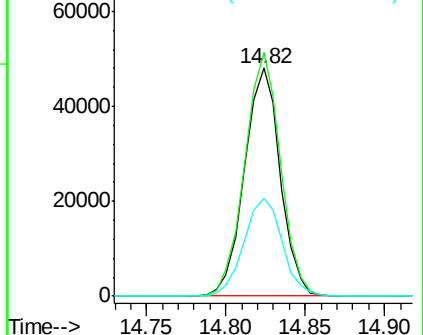


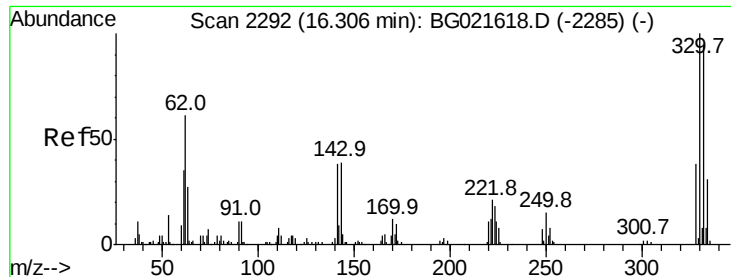
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021697.D
Acq: 15 Apr 2016 22:35

Tgt Ion	164	Resp	75163
Ion Ratio	Lower	Upper	
164	100		
162	106.8	78.0	117.0
160	42.9	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

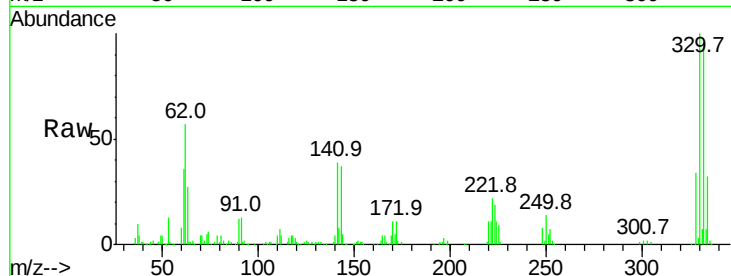




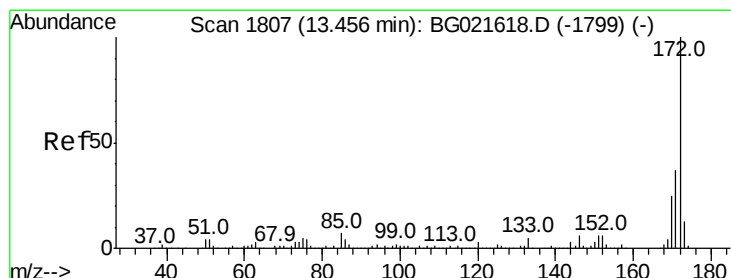
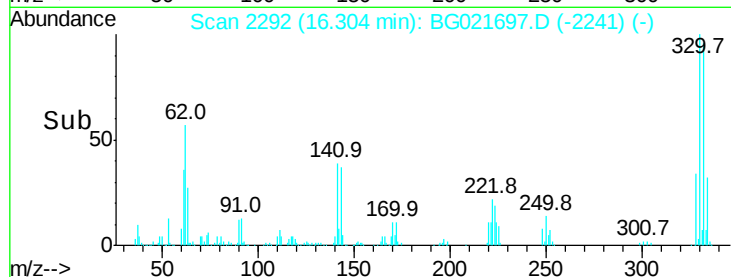
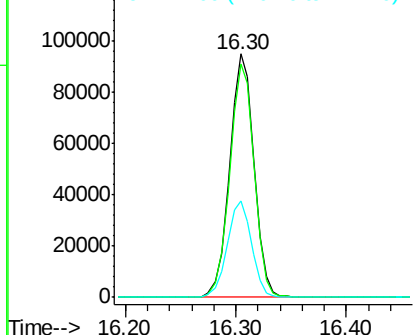
#41
 2,4,6-Tribromophenol
 Concen: 181.20 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021697.D
 Acq: 15 Apr 2016 22:35

Instrument :
 BNA_G
 ClientSampleId :
 S8-EB-2016-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	39.7	33.8	50.8

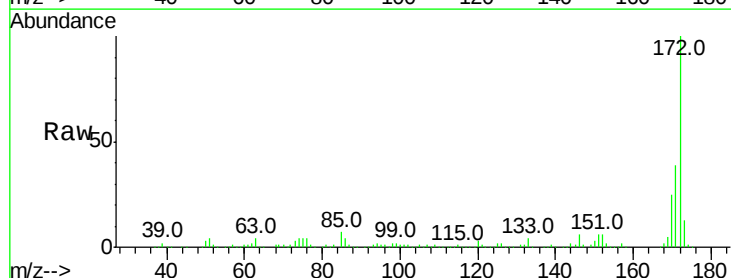


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

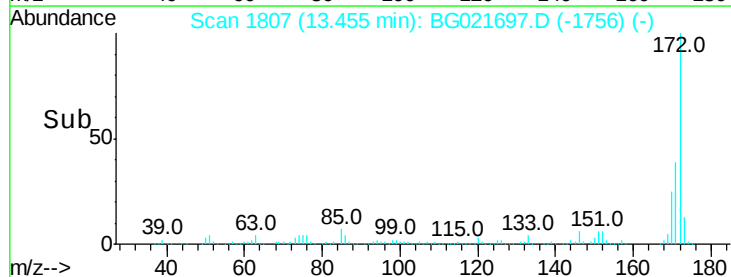
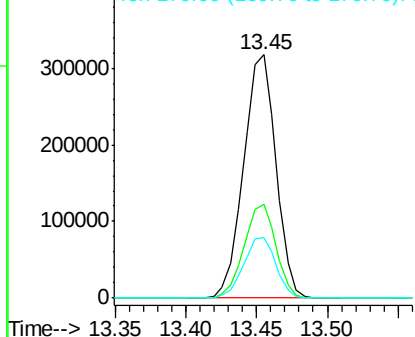


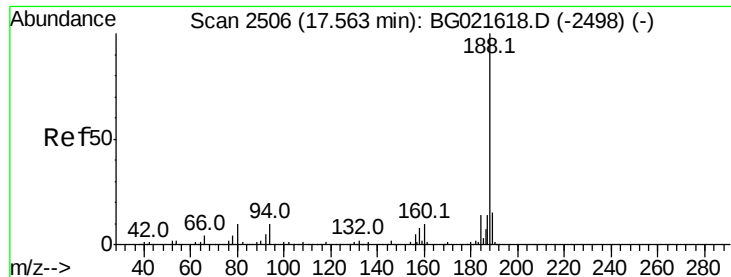
#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021697.D
 Acq: 15 Apr 2016 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	25.1	19.6	29.4



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

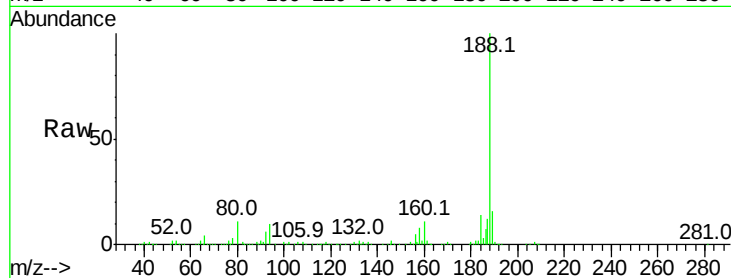




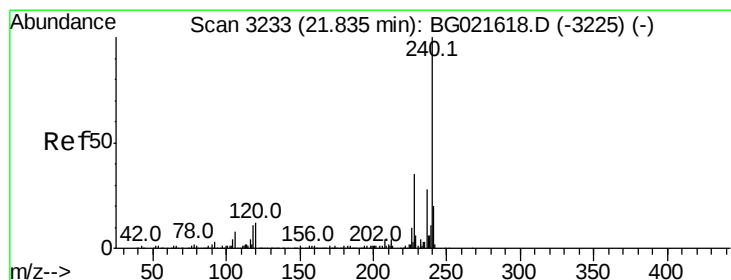
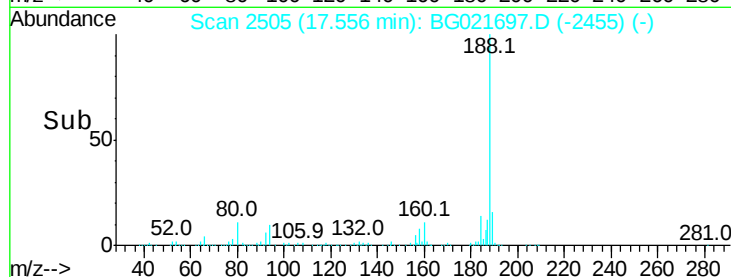
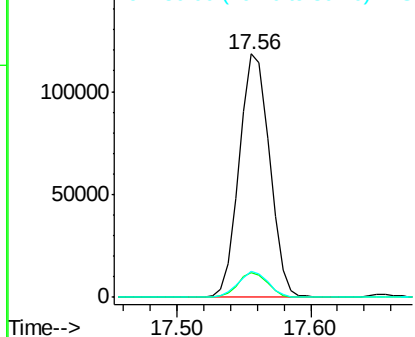
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021697.D
Acq: 15 Apr 2016 22:35

Instrument :
BNA_G
ClientSampleId :
S8-EB-2016-2

Tot Ion:188 Resp: 185786
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.7 8.6 13.0

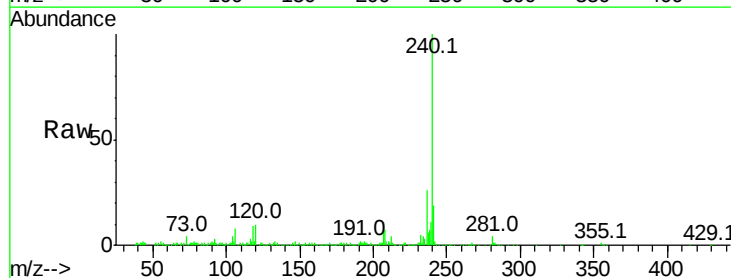


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

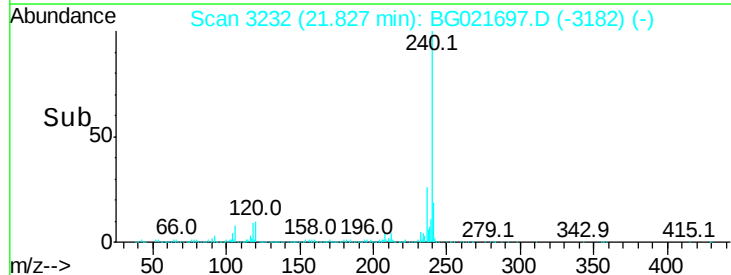
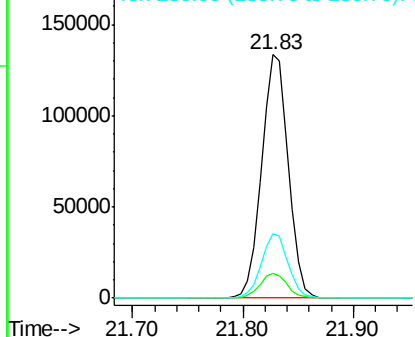


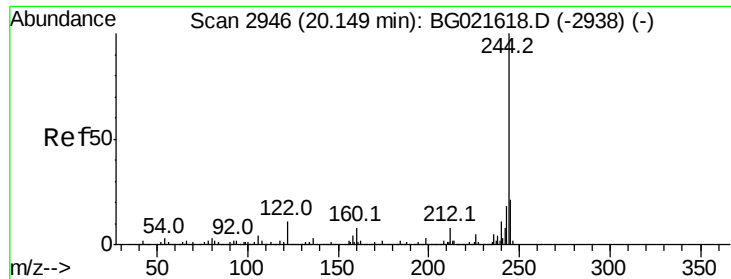
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021697.D
Acq: 15 Apr 2016 22:35

Tgt Ion:240 Resp: 225638
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.2 19.6 29.4



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

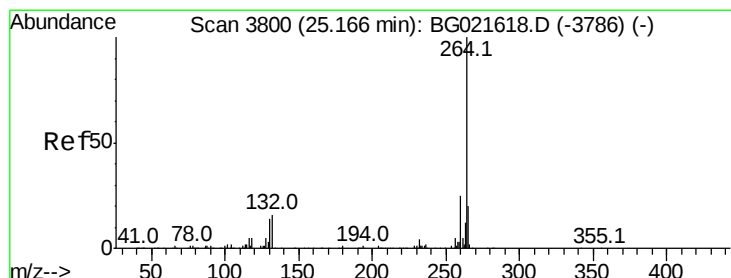
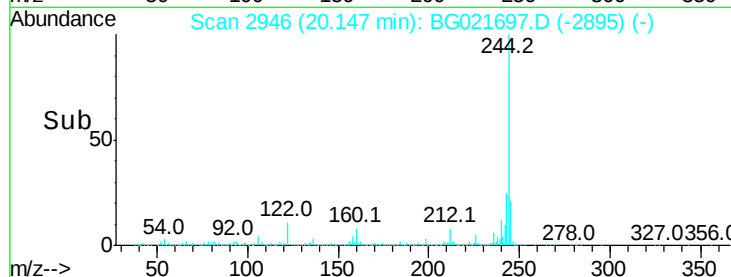
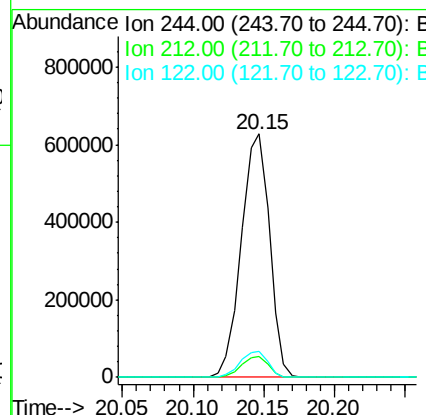
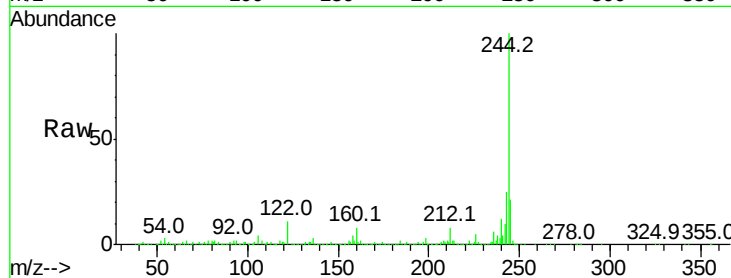




#78
 Terphenyl-d14
 Concen: 97.22 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG021697.D
 Acq: 15 Apr 2016 22:35

Instrument :
 BNA_G
 ClientSampleId :
 S8-EB-2016-2

Tot Ion:244 Resp: 879129
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: BG021697.D
 Acq: 15 Apr 2016 22:35

Tgt Ion:264 Resp: 224807
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.4
 265 21.8 17.8 26.8

