

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021692.D
 Acq On : 15 Apr 2016 19:17
 Operator : UM/SJ
 Sample : PB89849BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BL

Quant Time: Apr 16 02:19:03 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	26168	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	108478	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	70216	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	181087	20.00	ng	0.00
75) Chrysene-d12	21.83	240	219953	20.00	ng	0.00
86) Perylene-d12	25.16	264	217825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	195093	124.15	ng	0.01
7) Phenol-d6	7.37	99	269499	114.81	ng	0.02
23) Nitrobenzene-d5	9.38	82	164720	78.05	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	108349	143.18	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	373970	78.03	ng	0.00
78) Terphenyl-d14	20.14	244	671430	76.17	ng	0.00

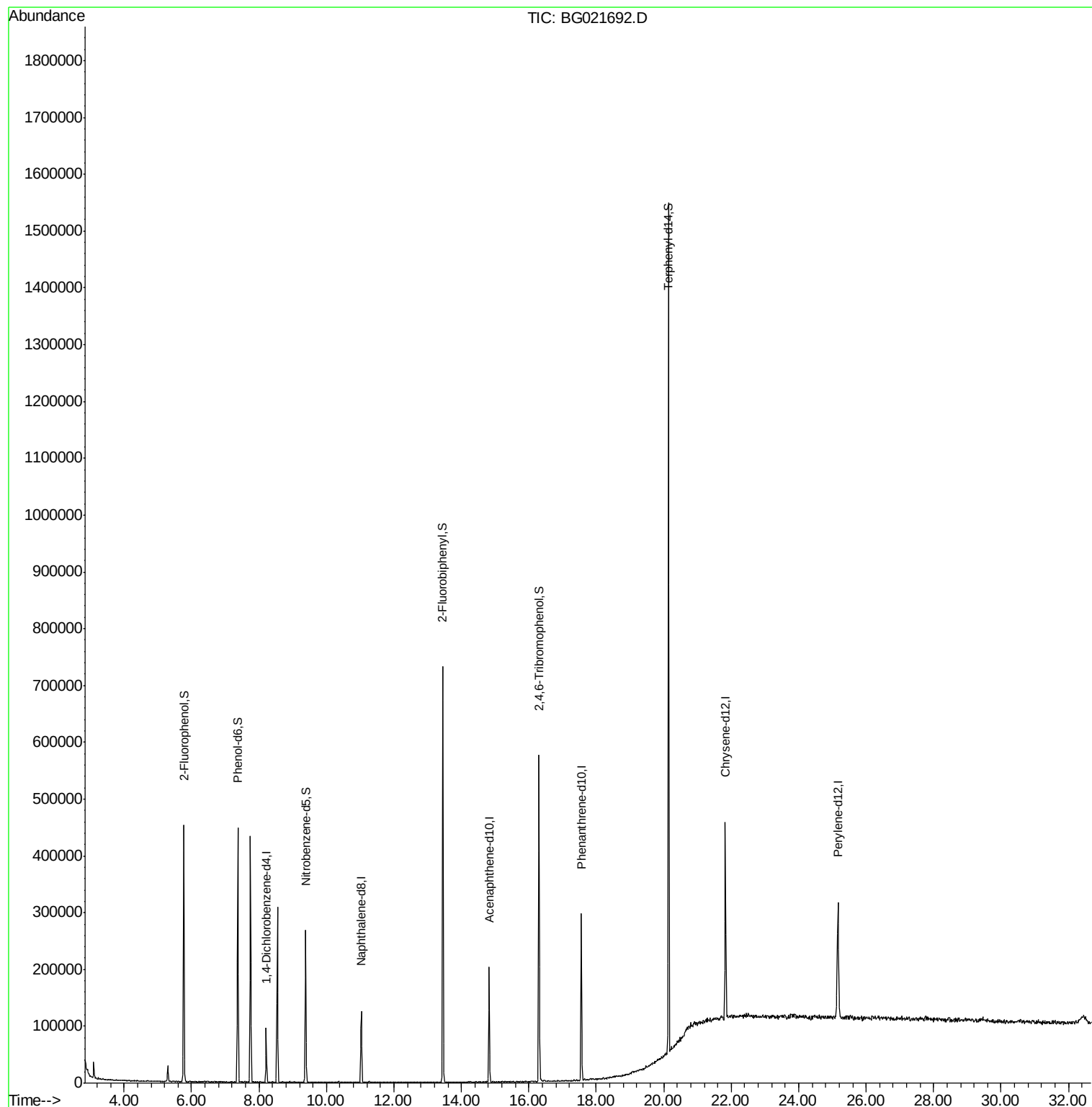
Target Compounds Qvalue

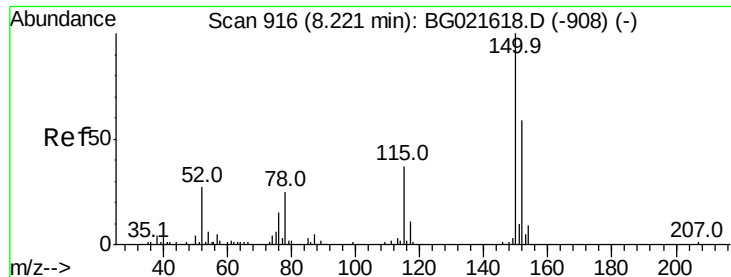
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021692.D

Acq: 15 Apr 2016 19:17

Instrument :

BNA_G

ClientSampled :

PB89849BL

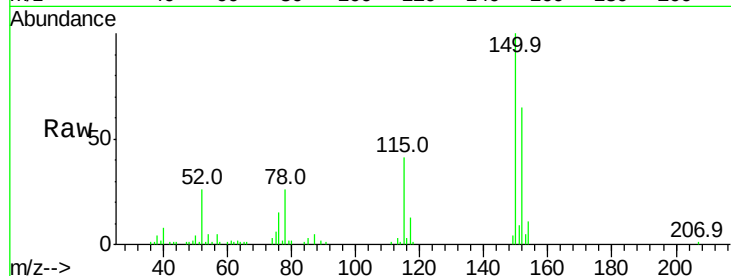
Tot Ion:152 Resp: 26168

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

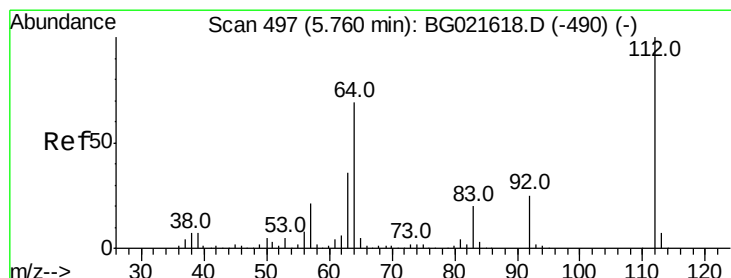
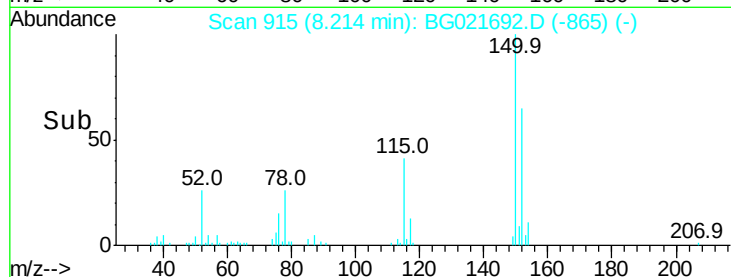
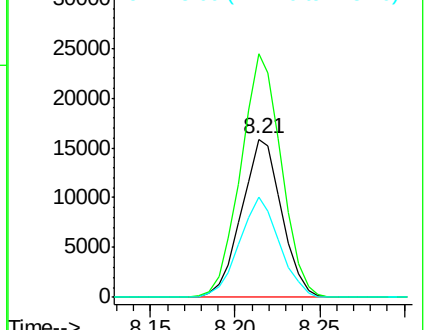
115 63.5 62.2 93.2



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: 124.15 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

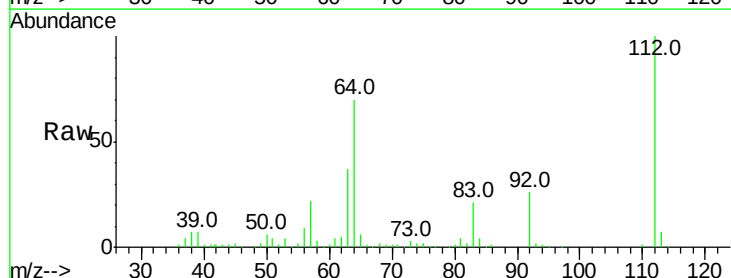
Tgt Ion:112 Resp: 195093

Ion Ratio Lower Upper

112 100

64 70.0 51.1 76.7

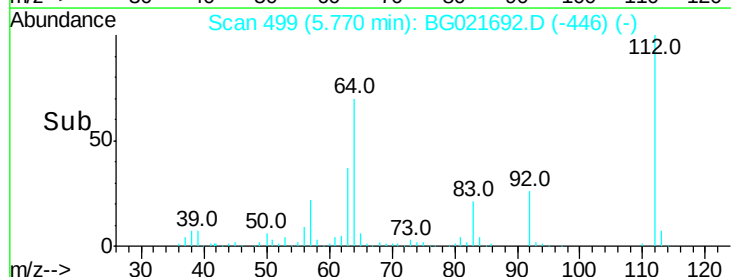
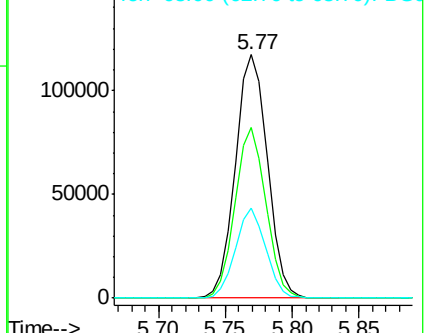
63 37.2 24.6 37.0#

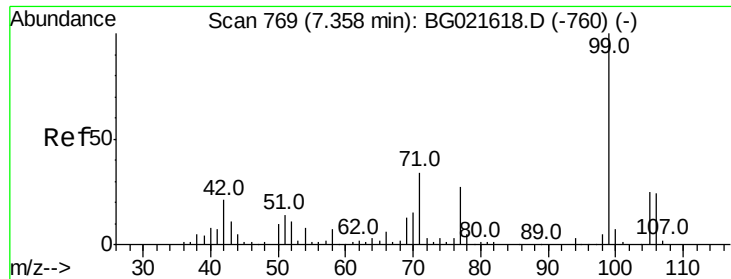


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.81 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

Instrument :

BNA_G

ClientSampleId :

PB89849BL

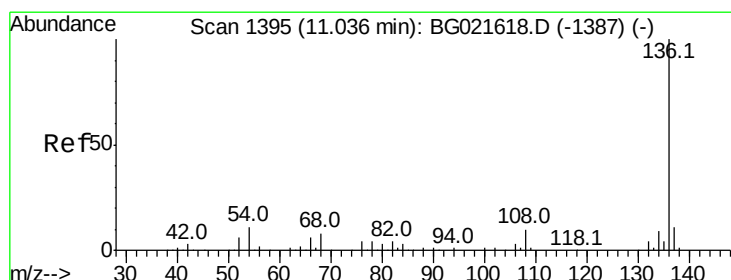
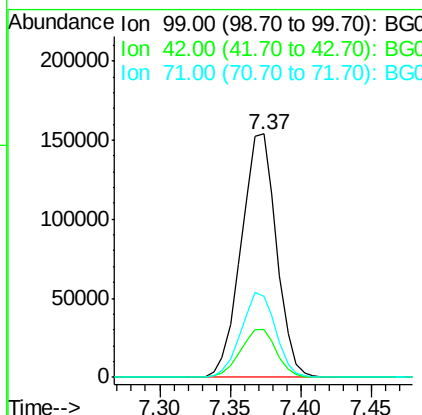
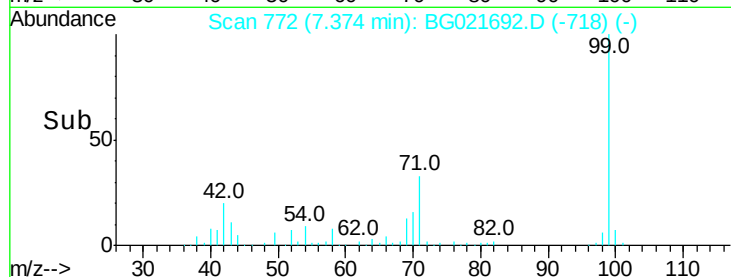
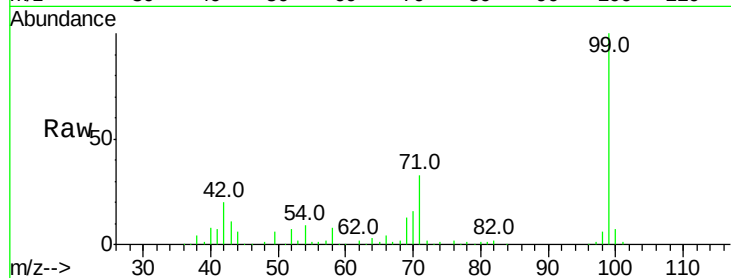
Tot Ion: 99 Resp: 269499

Ion Ratio Lower Upper

99 100

42 19.8 16.4 24.6

71 33.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

Tgt Ion: 136 Resp: 108478

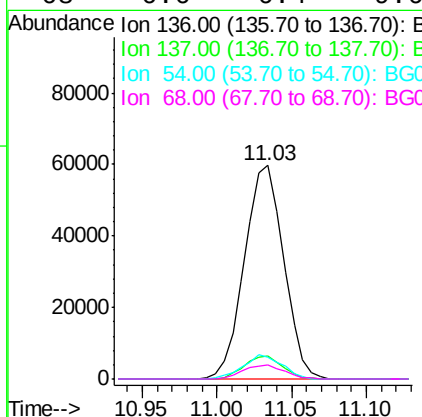
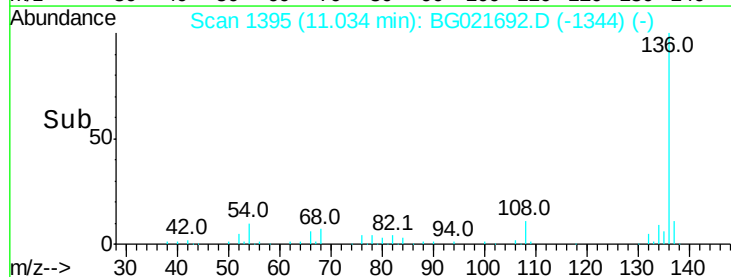
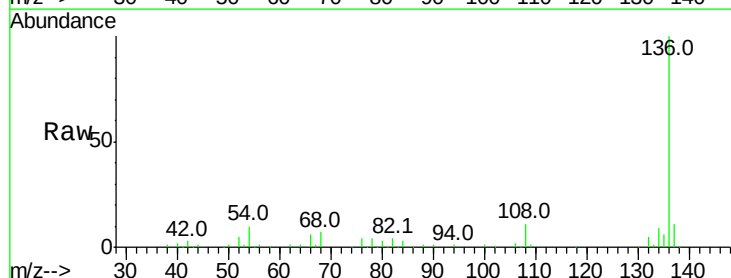
Ion Ratio Lower Upper

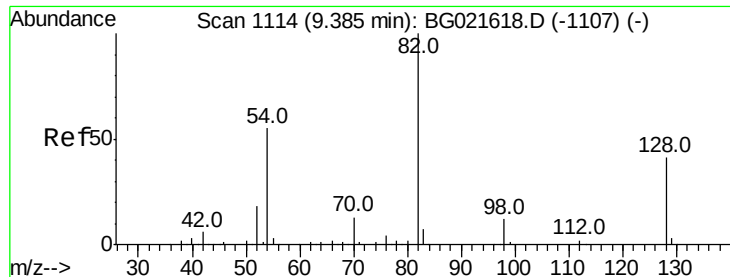
136 100

137 11.1 9.0 13.4

54 10.4 9.6 14.4

68 6.6 6.4 9.6

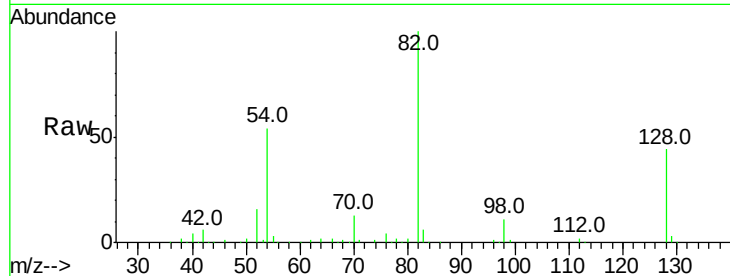




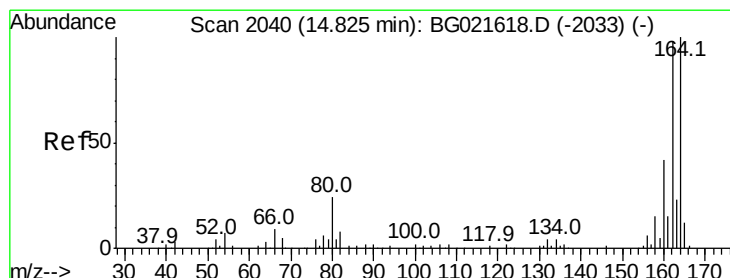
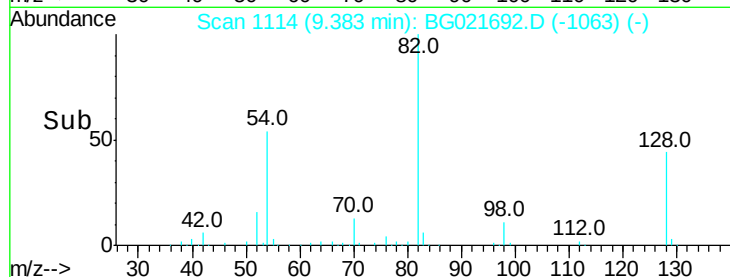
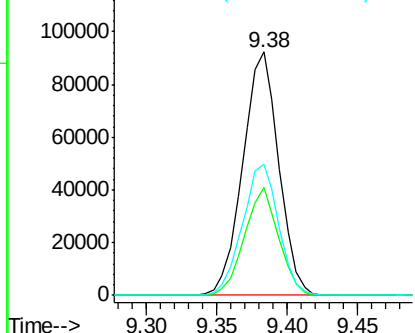
#23
 Nitrobenzene-d5
 Concen: 78.05 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021692.D
 Acq: 15 Apr 2016 19:17

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BL

Tot Ion	82	Resp	164720
Ion Ratio	Lower	Upper	
82	100		
128	44.4	33.4	50.0
54	53.9	46.1	69.1

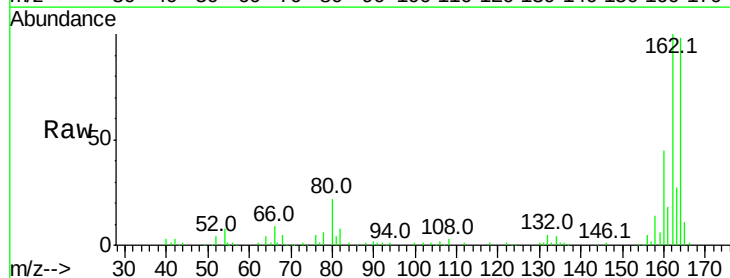


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

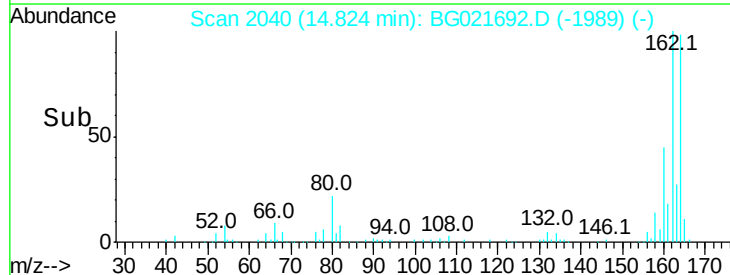
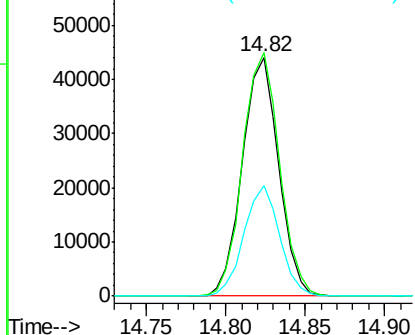


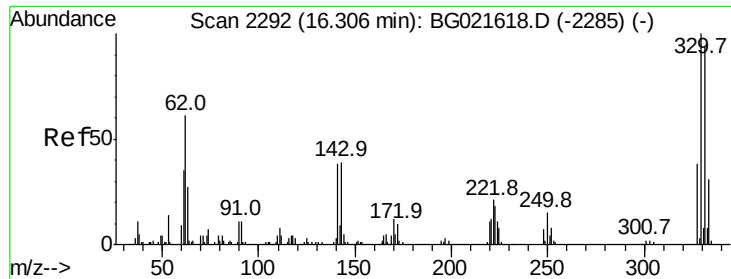
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021692.D
 Acq: 15 Apr 2016 19:17

Tgt Ion	164	Resp	70216
Ion Ratio	Lower	Upper	
164	100		
162	101.9	78.0	117.0
160	46.0	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: 143.18 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

Instrument :

BNA_G

ClientSampleId :

PB89849BL

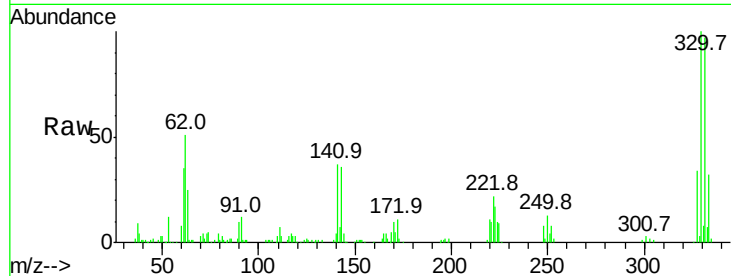
Tot Ion:330 Resp: 108349

Ion Ratio Lower Upper

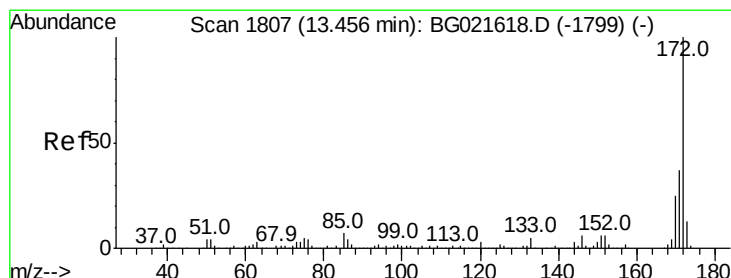
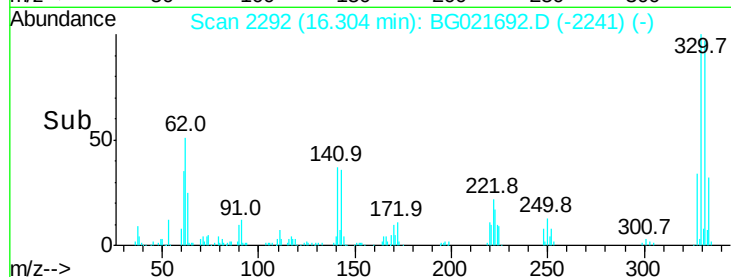
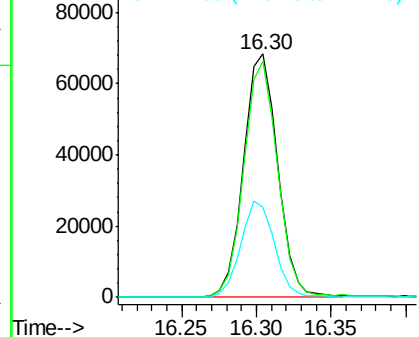
330 100

332 96.5 78.0 117.0

141 39.3 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: 78.03 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

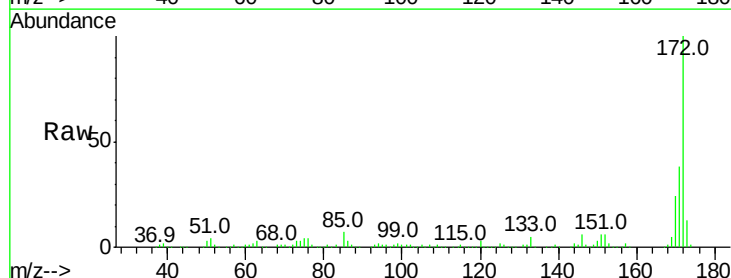
Tgt Ion:172 Resp: 373970

Ion Ratio Lower Upper

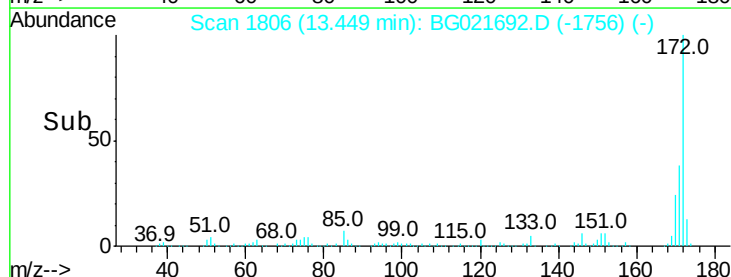
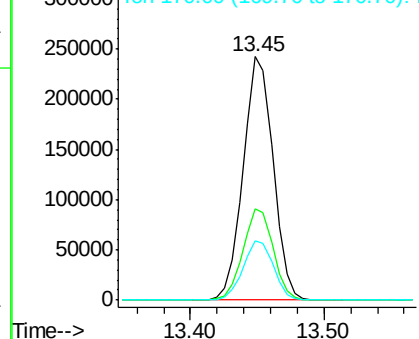
172 100

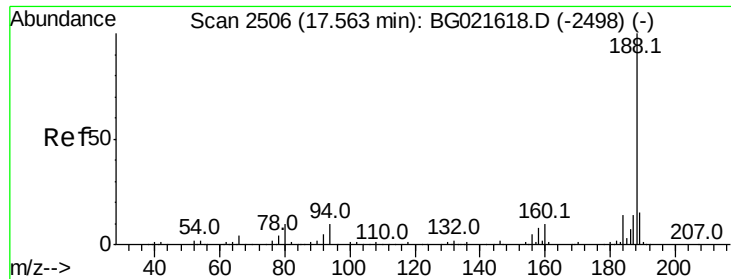
171 37.7 27.8 41.6

170 24.2 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

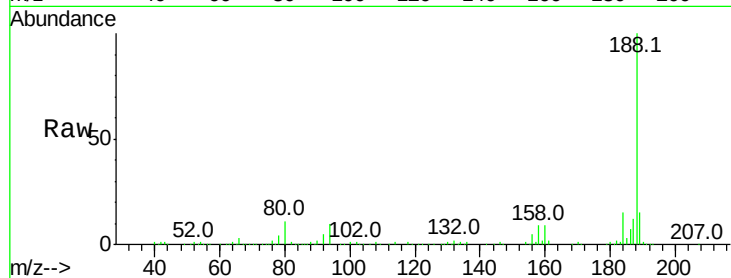




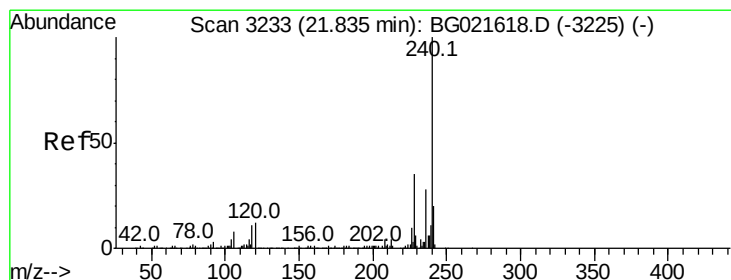
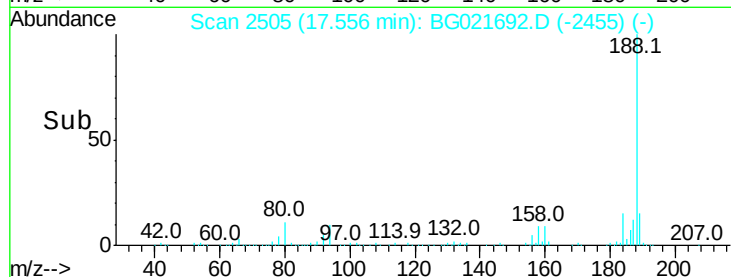
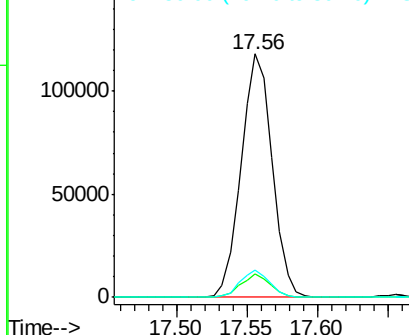
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021692.D
Acq: 15 Apr 2016 19:17

Instrument :
BNA_G
ClientSampleId :
PB89849BL

Tot Ion:188 Resp: 181087
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 11.2 8.6 13.0

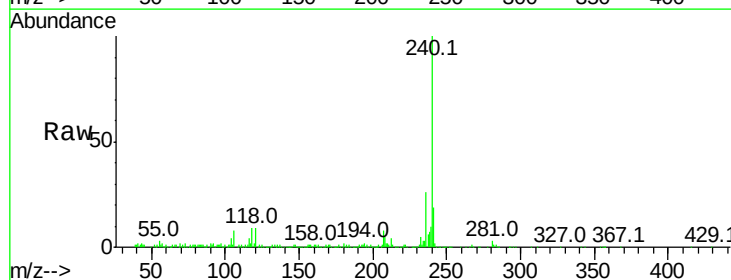


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

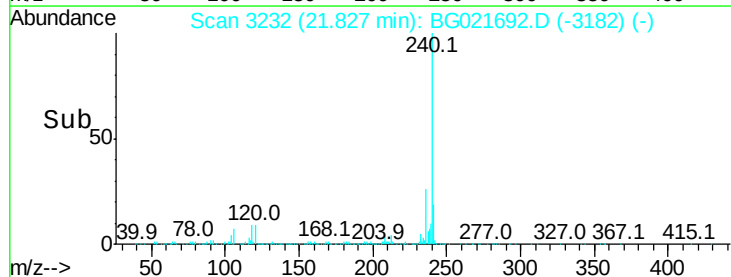
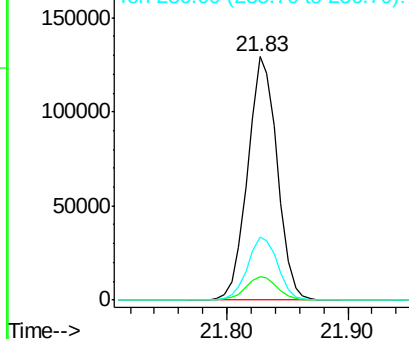


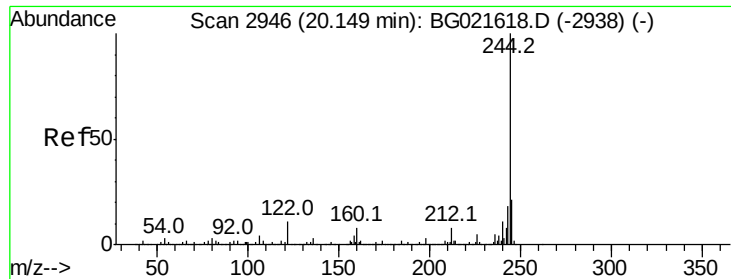
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021692.D
Acq: 15 Apr 2016 19:17

Tgt Ion:240 Resp: 219953
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.1 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

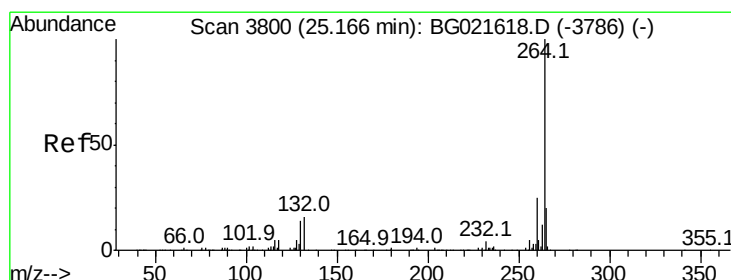
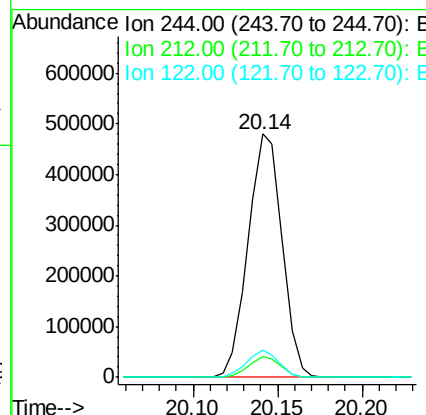
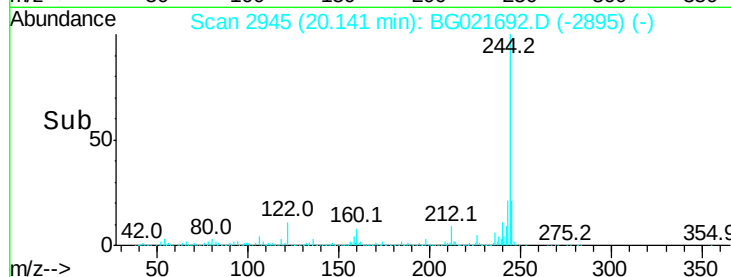
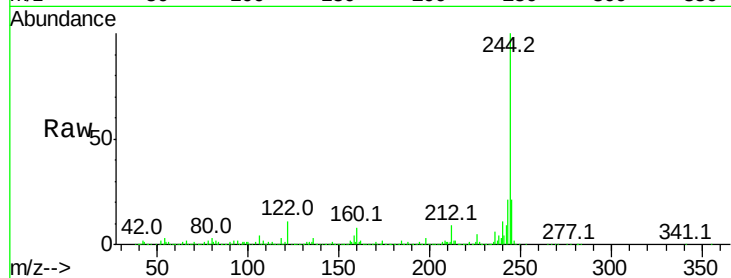




#78
 Terphenyl-d14
 Concen: 76.17 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021692.D
 Acq: 15 Apr 2016 19:17

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BL

Tot Ion:244 Resp: 671430
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 11.4 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: BG021692.D
 Acq: 15 Apr 2016 19:17

Tgt Ion:264 Resp: 217825
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.4
 265 21.4 17.8 26.8

