

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

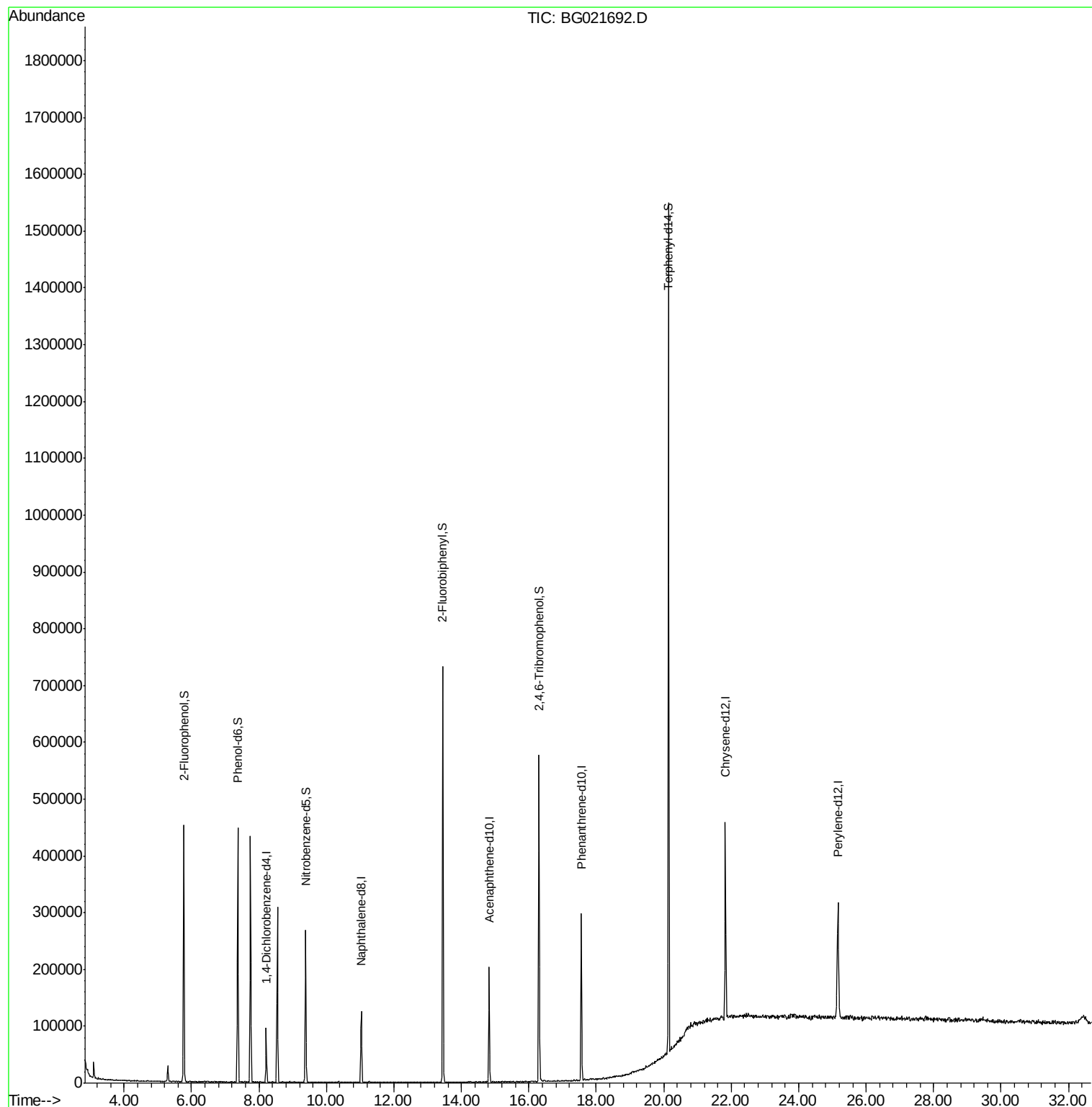
Target Compounds	Qvalue
------------------	--------

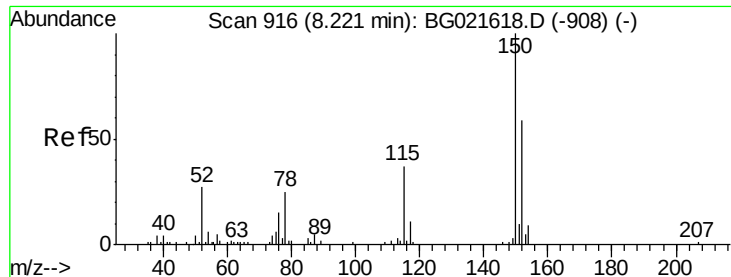
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



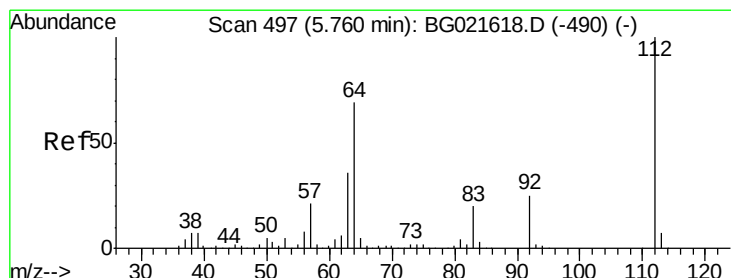
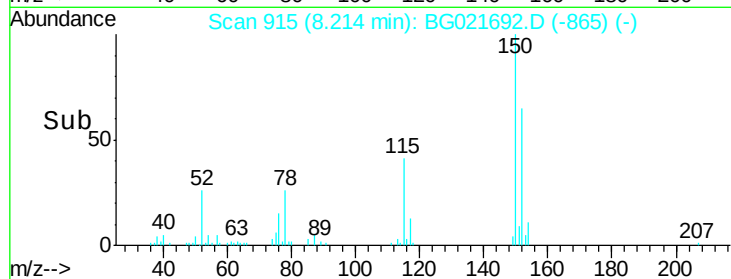
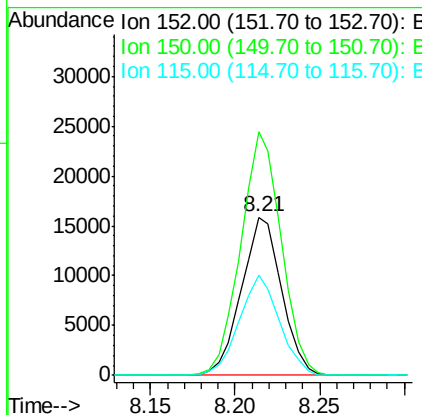
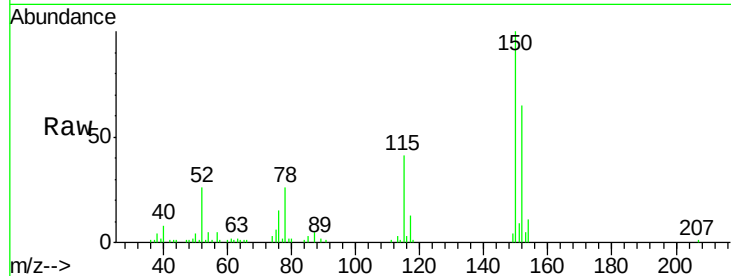


#1

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
ClientSampleId :
PB89849BL

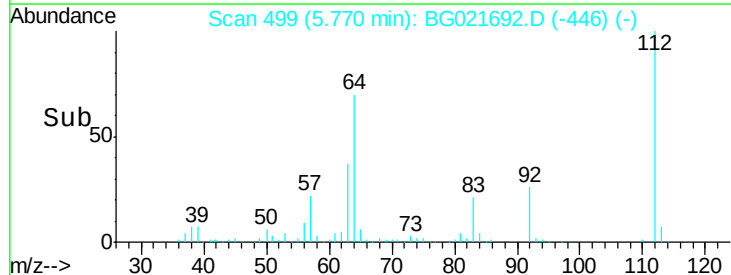
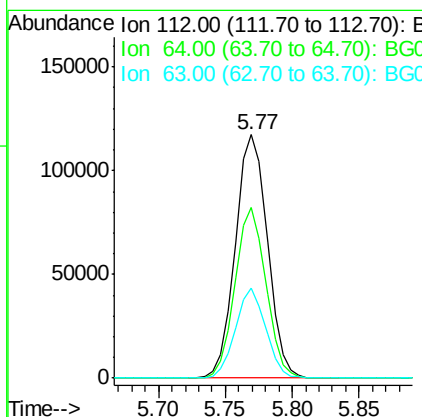
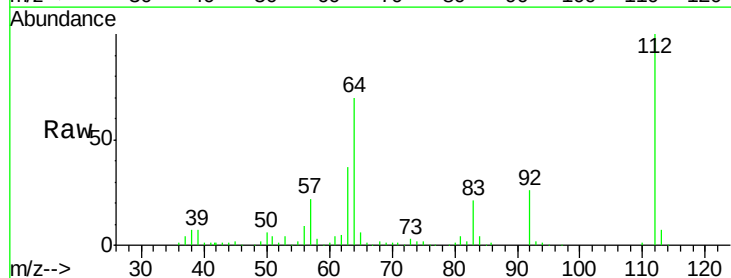
Tgt Ion:152 Resp: 26168
Ion Ratio Lower Upper
152 100
150 154.1 130.1 195.1
115 63.5 62.2 93.2

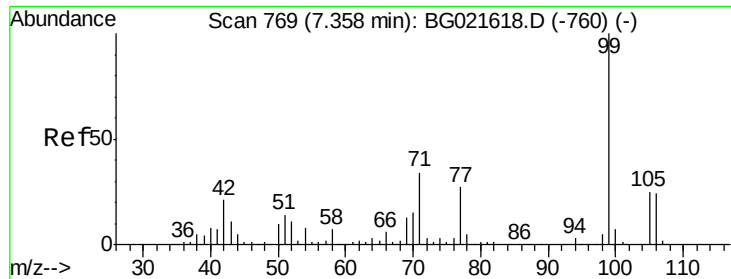


#5

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#





#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

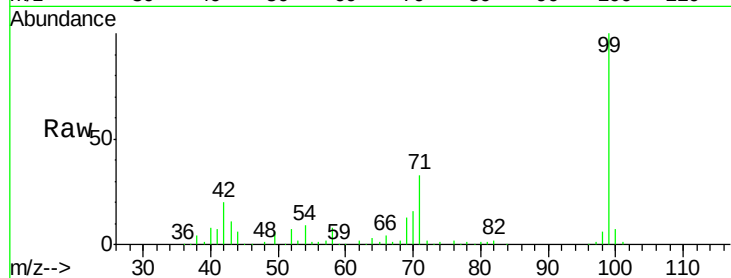
Tgt Ion: 99 Resp: 269499

Ion Ratio Lower Upper

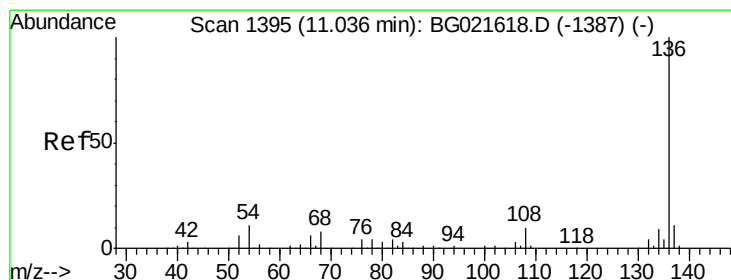
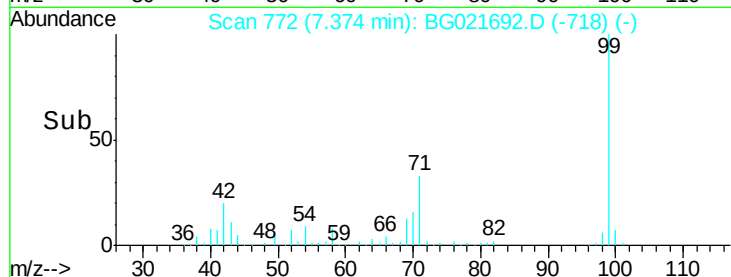
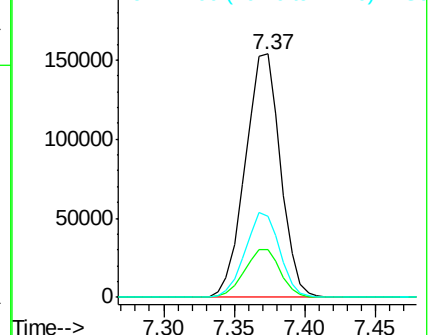
99 100

42 19.8 16.4 24.6

71 33.2 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: BG021692.D

Acq: 15 Apr 2016 19:17

Tgt Ion: 136 Resp: 108478

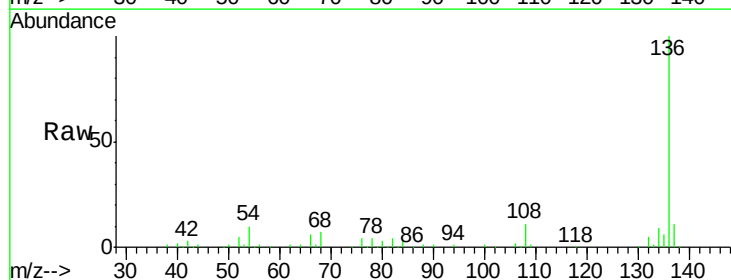
Ion Ratio Lower Upper

136 100

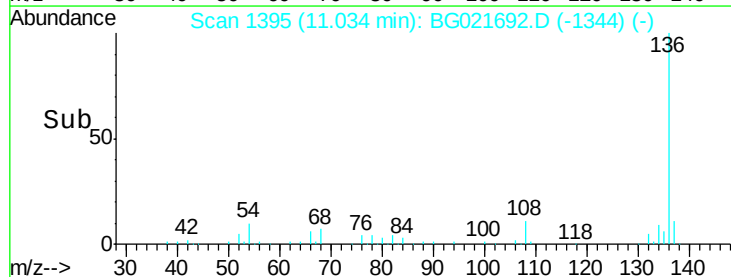
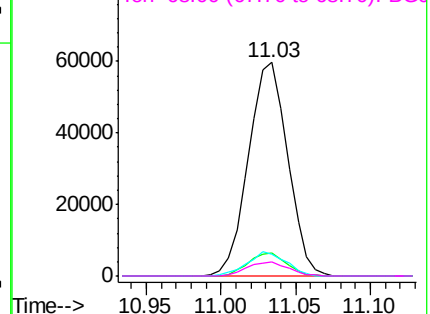
137 11.1 9.0 13.4

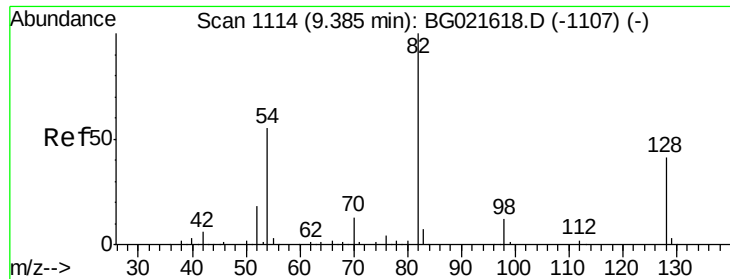
54 10.4 9.6 14.4

68 6.6 6.4 9.6



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

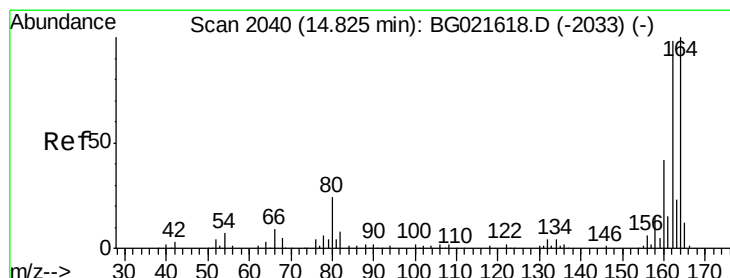
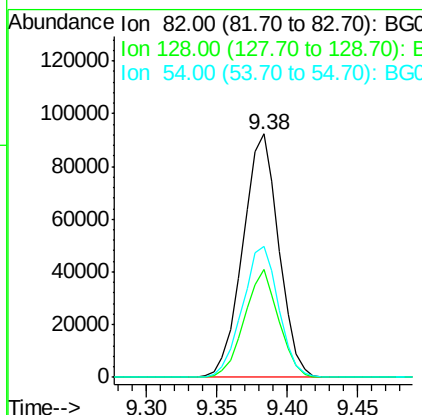
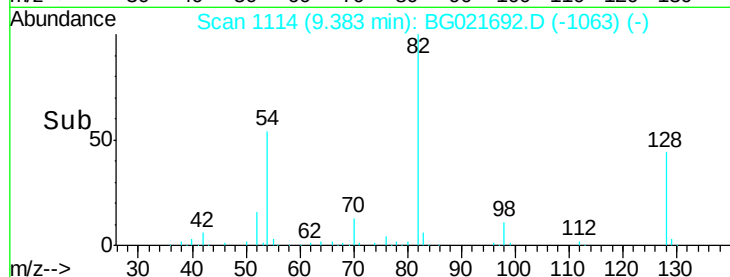
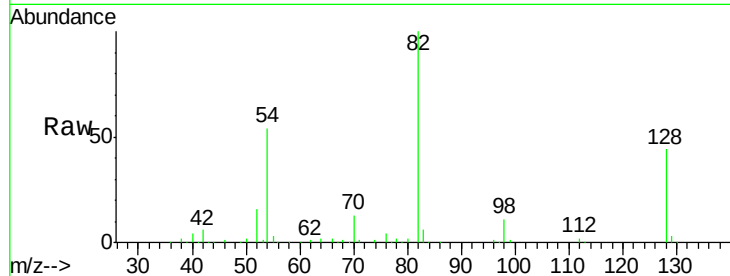




#23
 Nitrobenzene-d5
 Concen: 78.05 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021692.D
 Acq: 15 Apr 2016 19:17

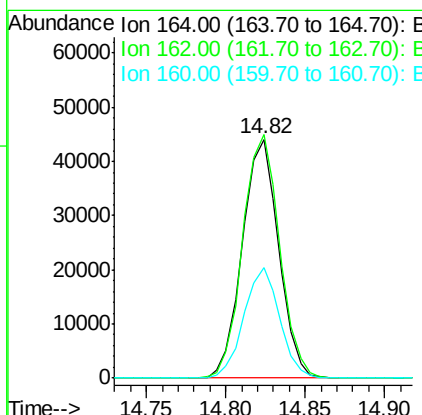
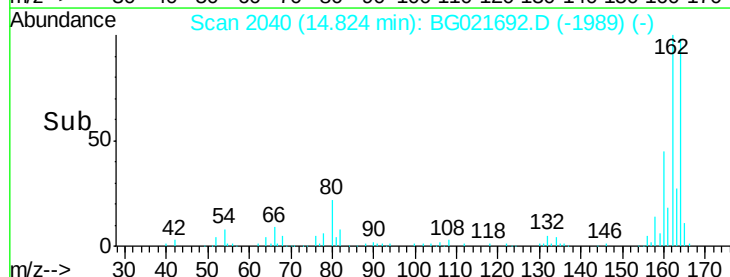
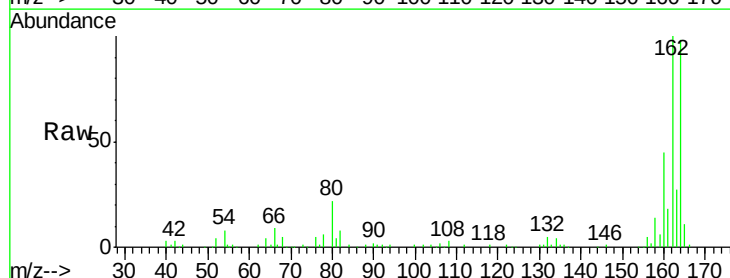
Instrument :
 BNA_G
 ClientSampleId :
 PB89849BL

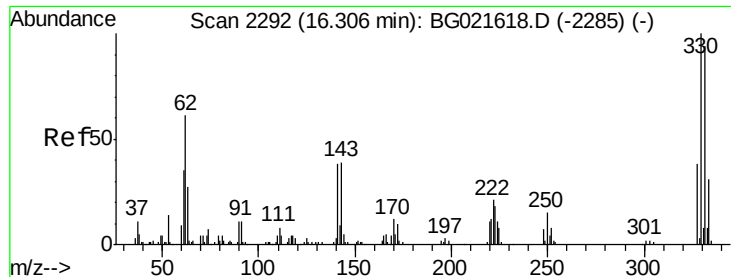
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.4	50.0
54	53.9	46.1	69.1



#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	Ratio	Lower	Upper
164	100		
162	101.9	78.0	117.0
160	46.0	32.9	49.3





#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

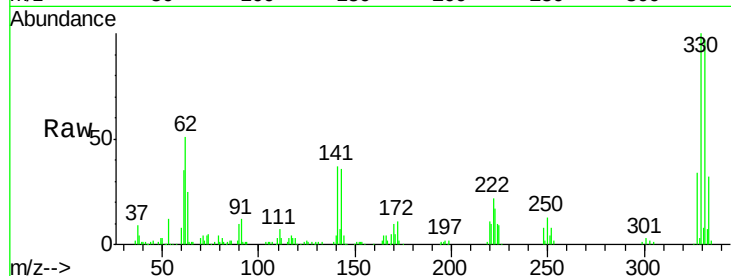
Tgt Ion:330 Resp: 108349

Ion Ratio Lower Upper

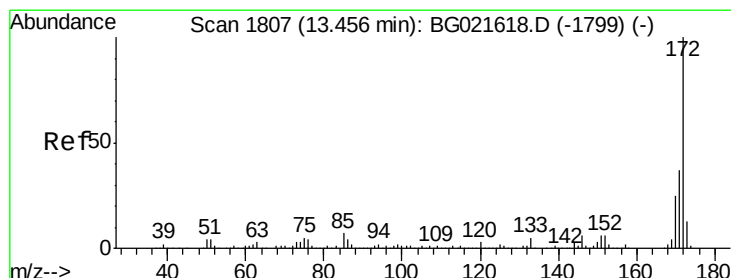
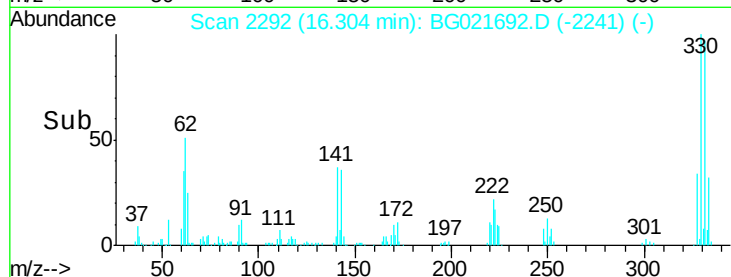
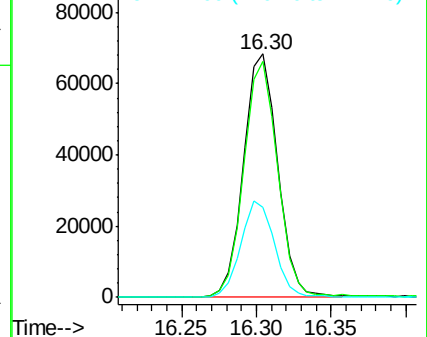
330 100

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

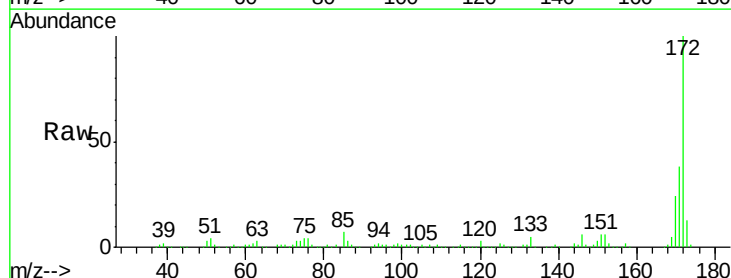
Tgt Ion:172 Resp: 373970

Ion Ratio Lower Upper

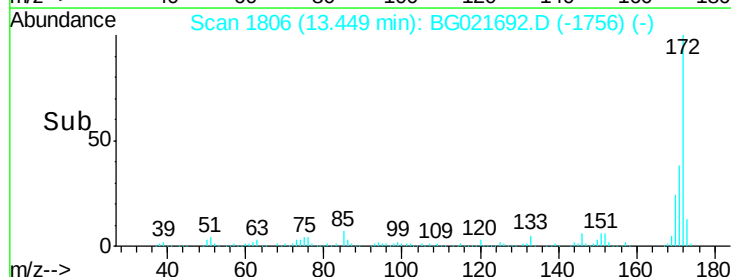
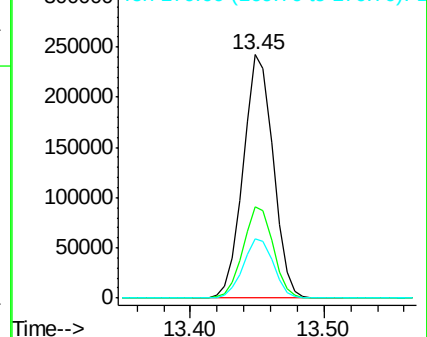
172 100

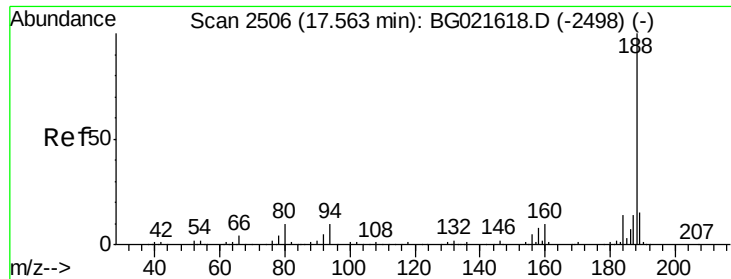
171 37.7 27.8 41.6

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

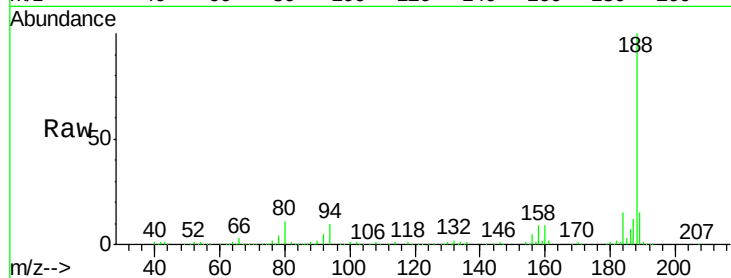




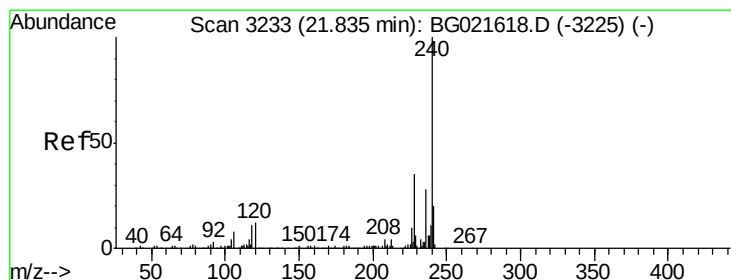
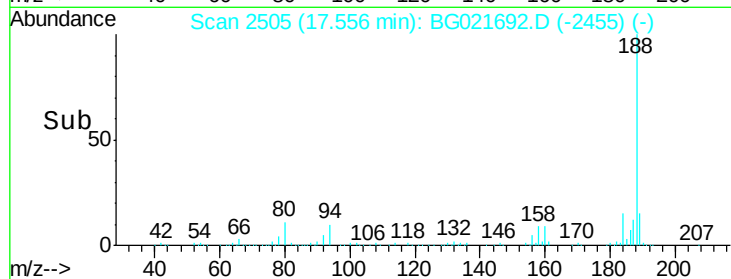
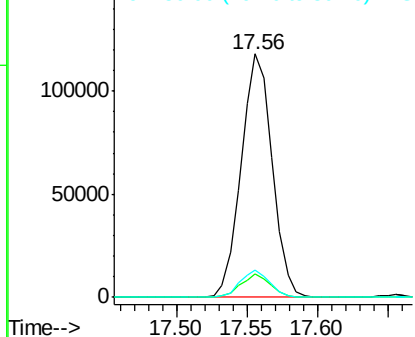
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021692.D
Acq: 15 Apr 2016 19:17

Instrument :
BNA_G
ClientSampleId :
PB89849BL

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

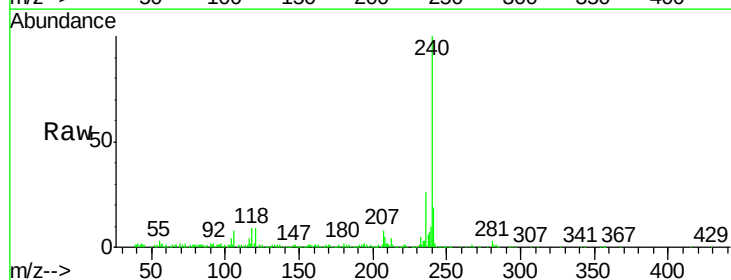


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

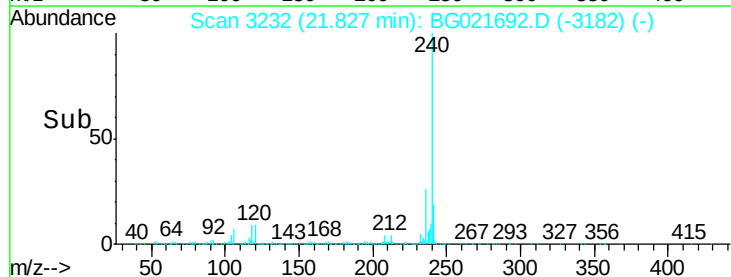
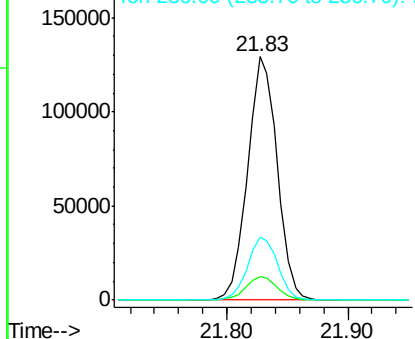


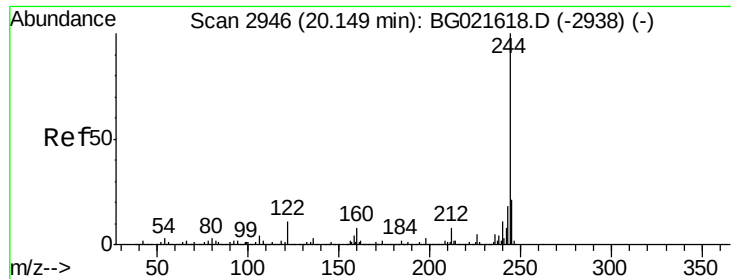
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021692.D
Acq: 15 Apr 2016 19:17

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

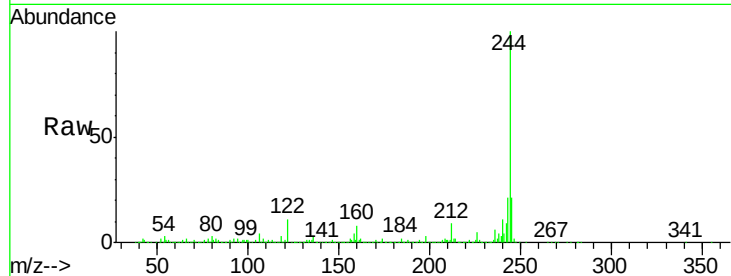
Tgt Ion:244 Resp: 671430

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

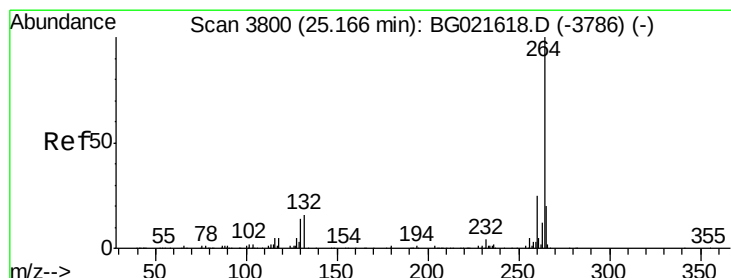
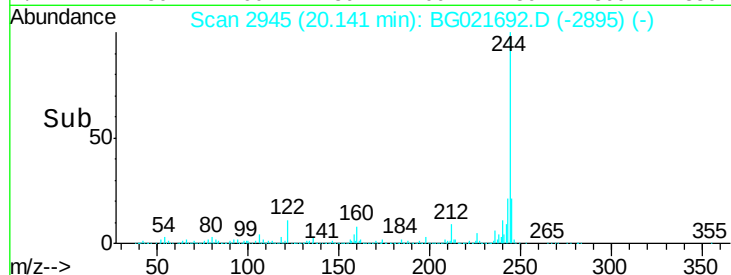
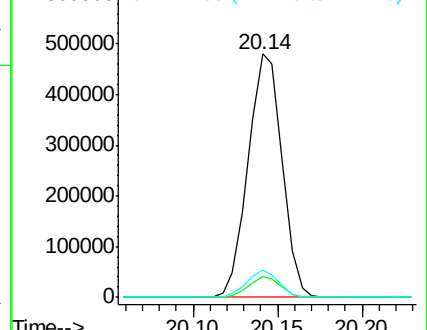
122 11.4 8.6 12.8



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: 25.16 min Scan# 3800

Delta R.T. -0.00 min

Lab File: BG021692.D

Acq: 15 Apr 2016 19:17

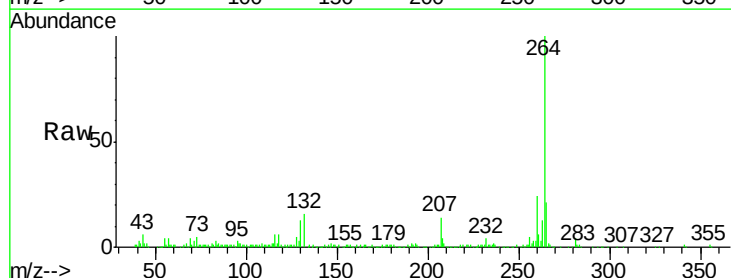
Tgt Ion:264 Resp: 217825

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.4

265 21.4 17.8 26.8



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

