

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021679.D
 Acq On : 15 Apr 2016 9:24
 Operator : UM/SJ
 Sample : PB89789BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BL

Quant Time: Apr 15 14:39:46 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	8.22	152	30346	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	136800	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	95087	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	221203	20.00	ng	0.00
75) Chrysene-d12	21.82	240	245755	20.00	ng	-0.01
86) Perylene-d12	25.15	264	237481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	161787	88.78	ng	0.00
7) Phenol-d6	7.36	99	244838	89.95	ng	0.00
23) Nitrobenzene-d5	9.38	82	210756	79.19	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	88992	86.84	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	520559	80.21	ng	0.00
78) Terphenyl-d14	20.14	244	811933	82.44	ng	0.00

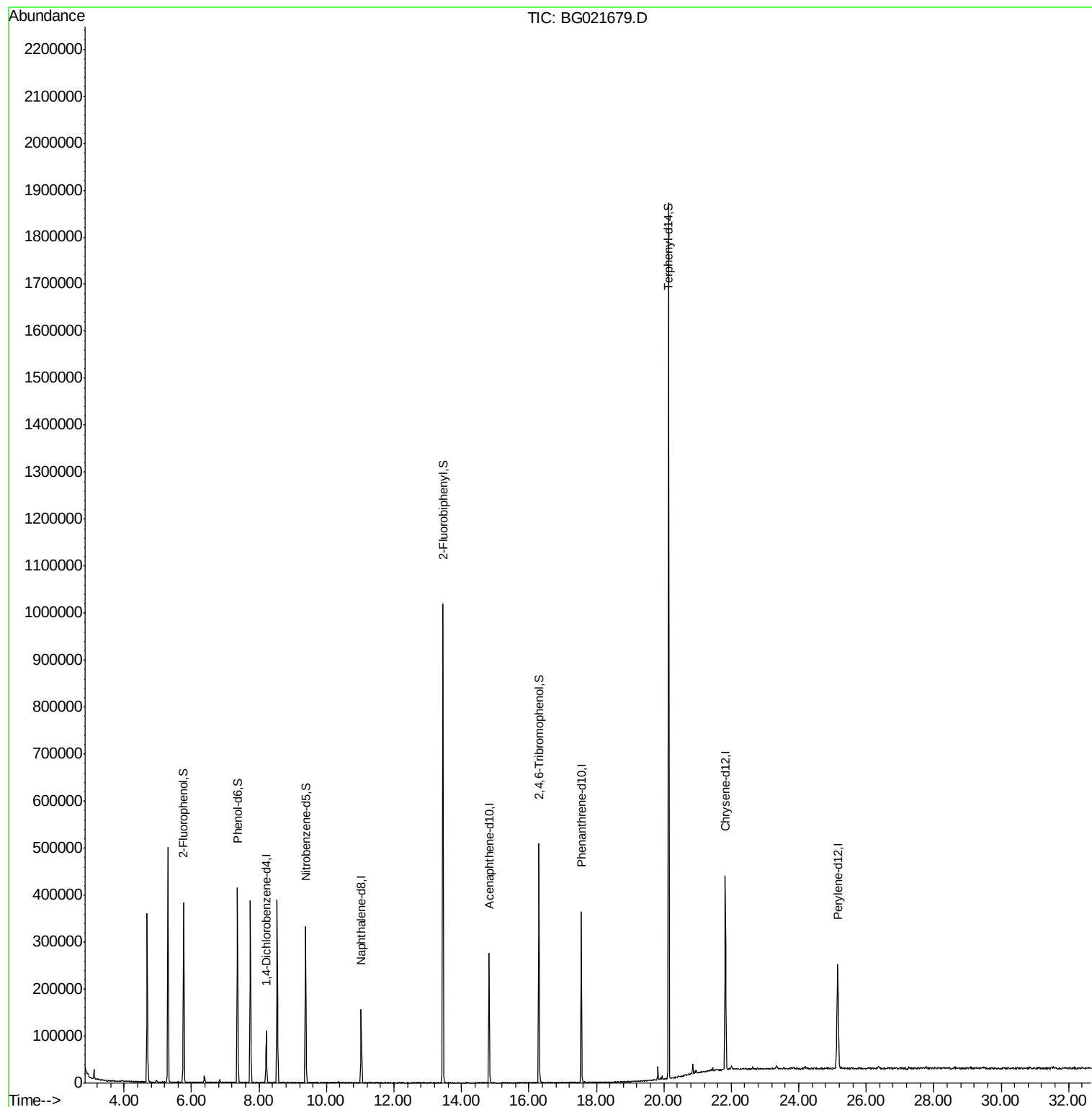
Target Compounds	Qvalue
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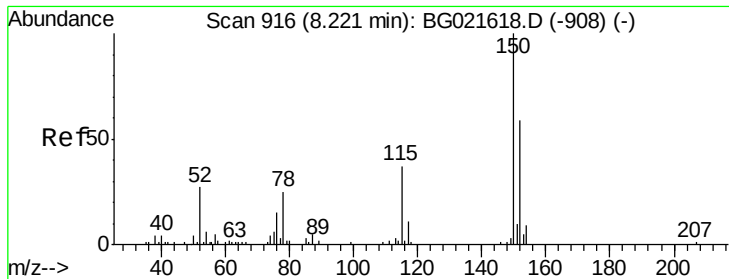
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021679.D

Acq: 15 Apr 2016 9:24

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BNA_G

ClientSampleId :

PB89789BL

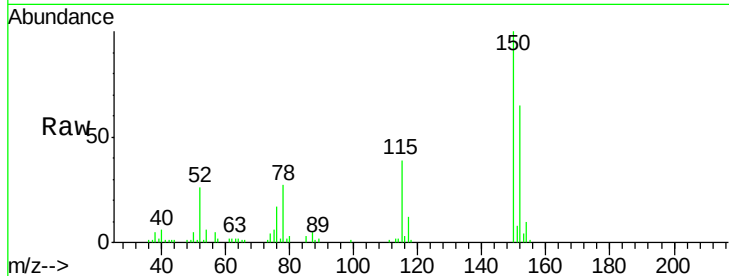
Tgt Ion:152 Resp: 30346

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

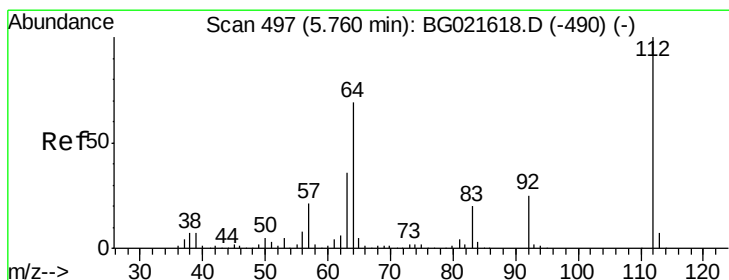
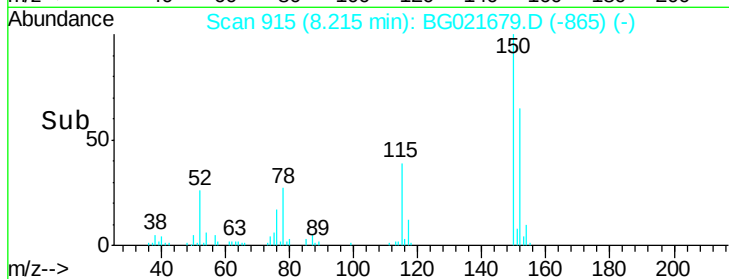
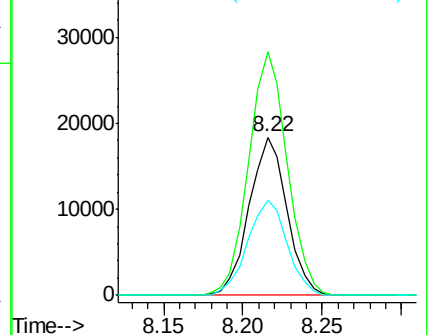
115 60.3 62.2 93.2#



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: 88.78 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021679.D

Acq: 15 Apr 2016 9:24

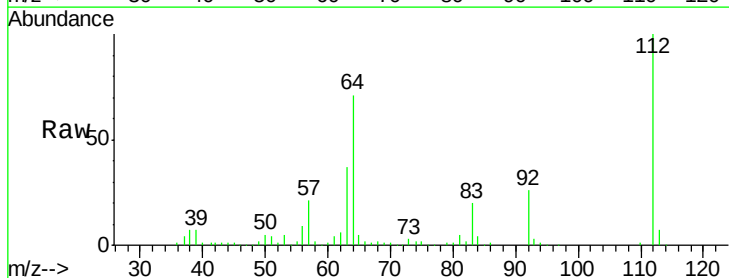
Tgt Ion:112 Resp: 161787

Ion Ratio Lower Upper

112 100

64 71.1 51.1 76.7

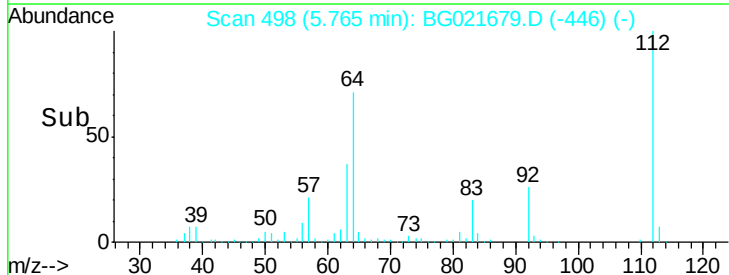
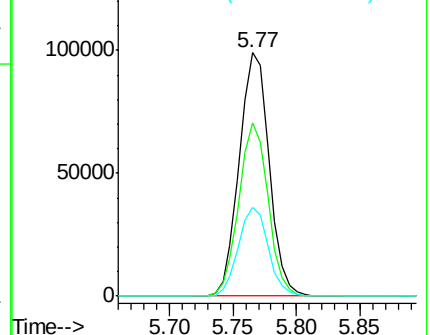
63 36.7 24.6 37.0

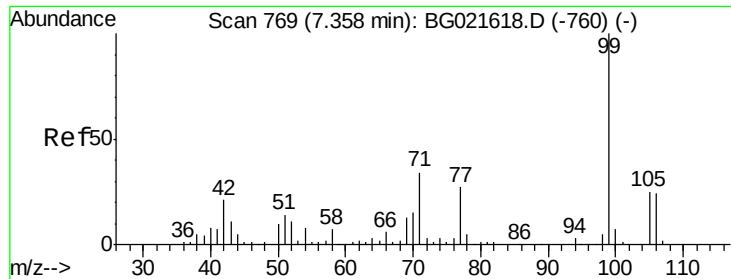


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.95 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021679.D

Acq: 15 Apr 2016 9:24

Instrument :

BNA_G

ClientSampleId :

PB89789BL

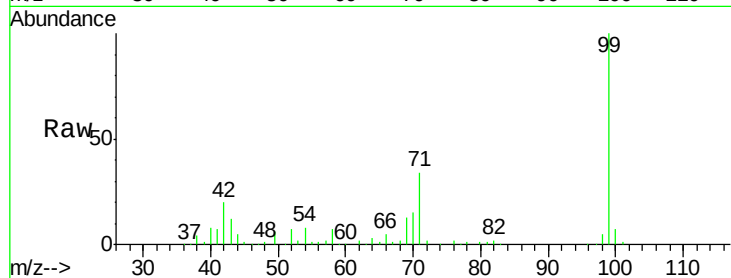
Tgt Ion: 99 Resp: 244838

Ion Ratio Lower Upper

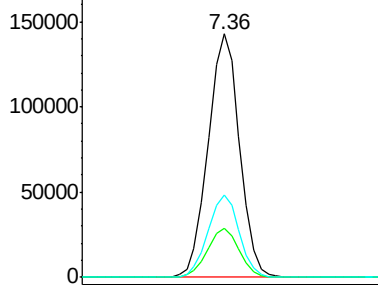
99 100

42 20.2 16.4 24.6

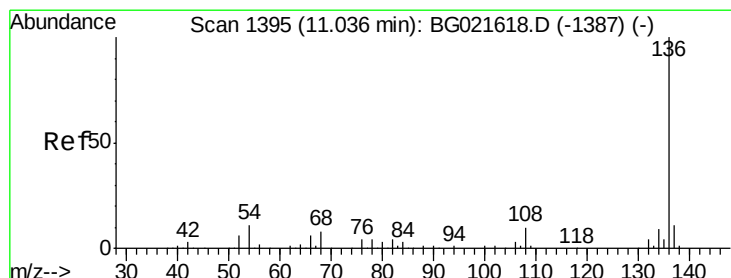
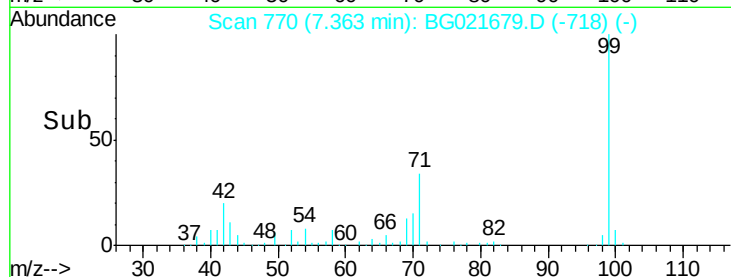
71 33.7 25.0 37.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021679.D

Acq: 15 Apr 2016 9:24

Tgt Ion: 136 Resp: 136800

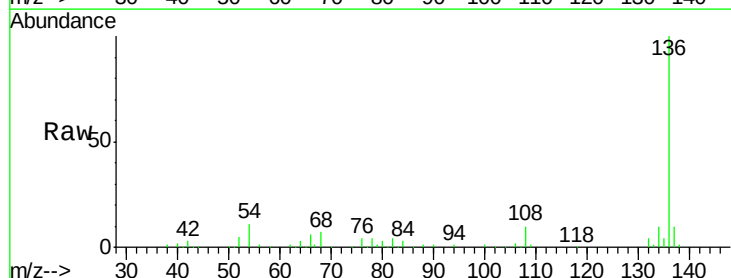
Ion Ratio Lower Upper

136 100

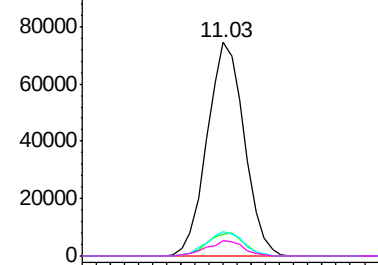
137 10.4 9.0 13.4

54 11.4 9.6 14.4

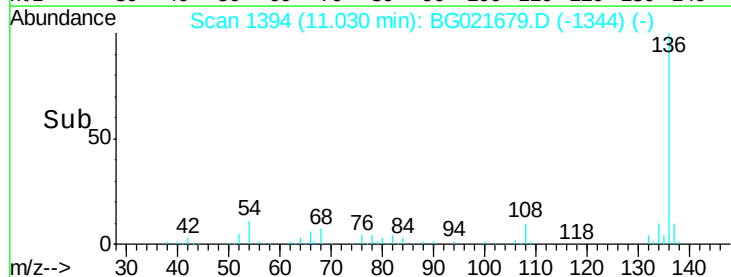
68 7.1 6.4 9.6

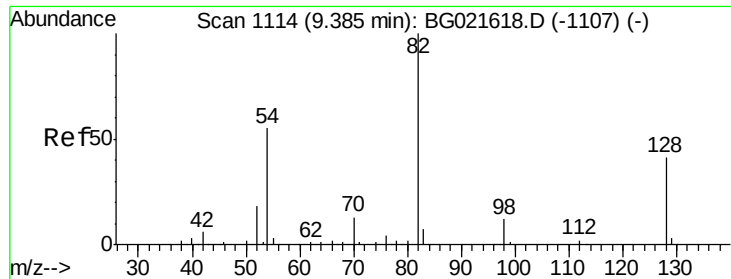


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

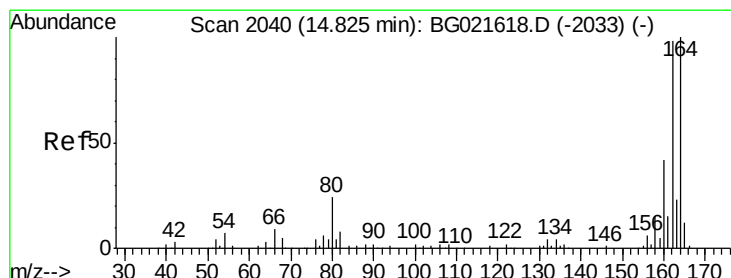
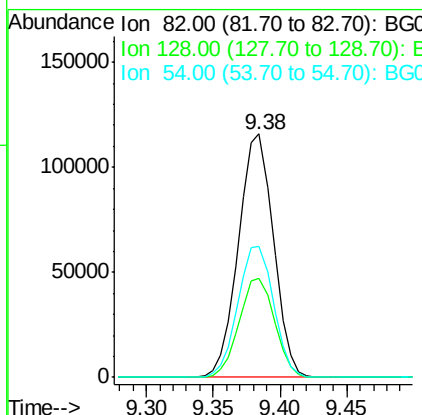
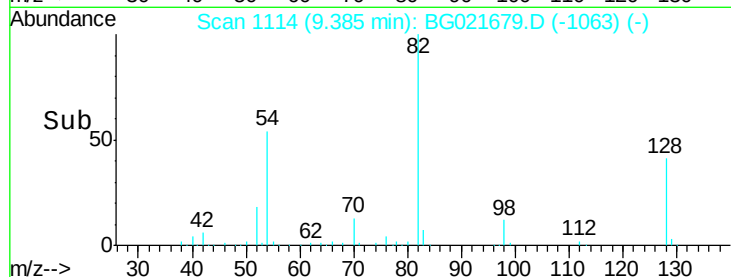
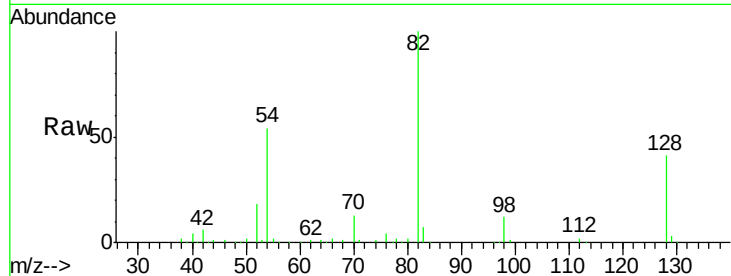




#23
 Nitrobenzene-d5
 Concen: 79.19 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

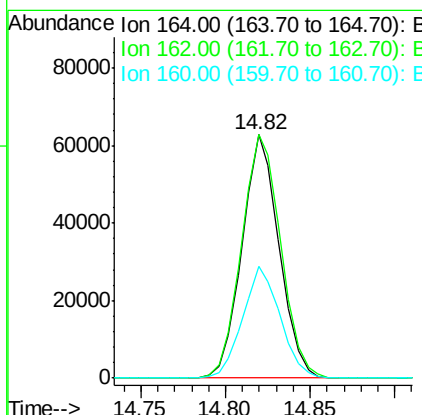
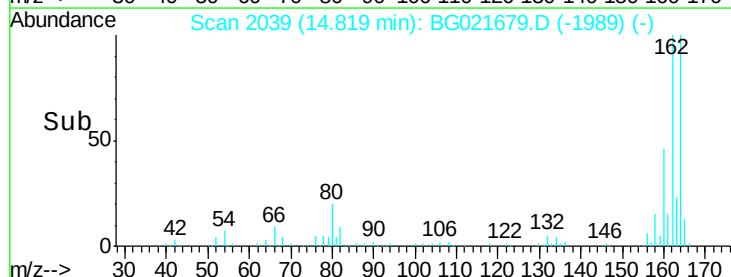
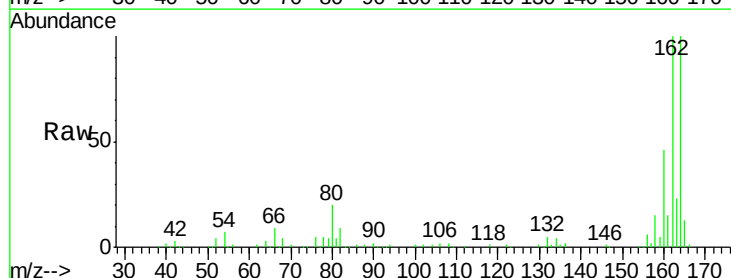
Instrument :
 BNA_G
 ClientSampleId :
 PB89789BL

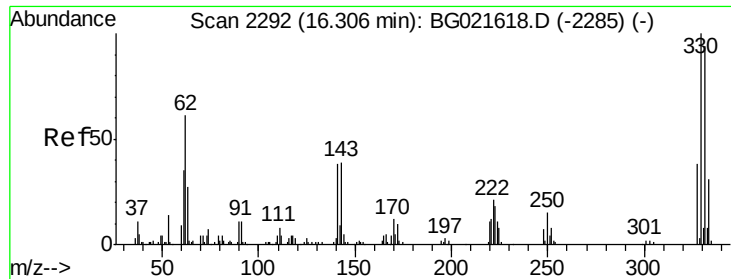
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.0
54	53.8	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.0	117.0
160	46.1	32.9	49.3

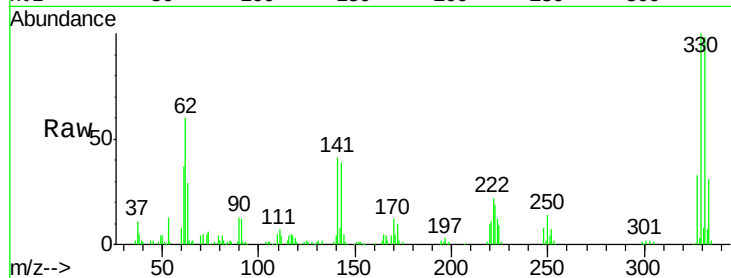




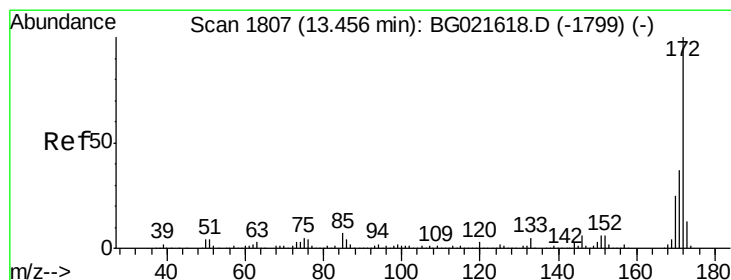
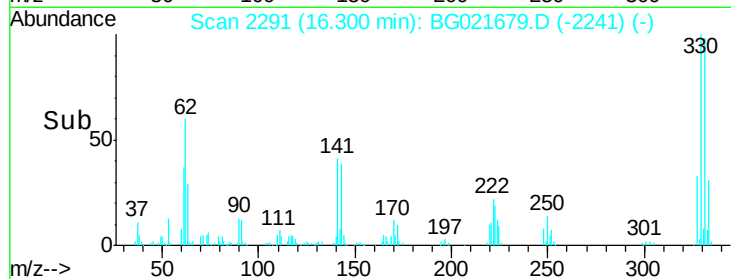
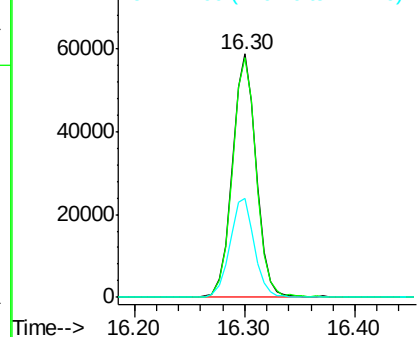
#41
 2,4,6-Tribromophenol
 Concen: 86.84 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BL

Tgt Ion: 330 Resp: 88992
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.0 117.0
 141 41.4 33.8 50.8

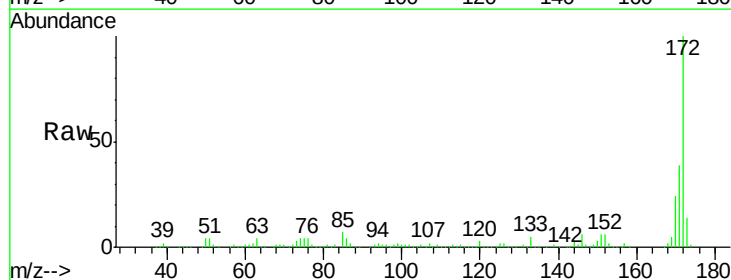


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

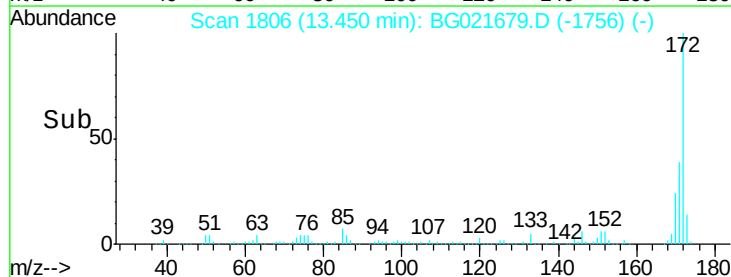
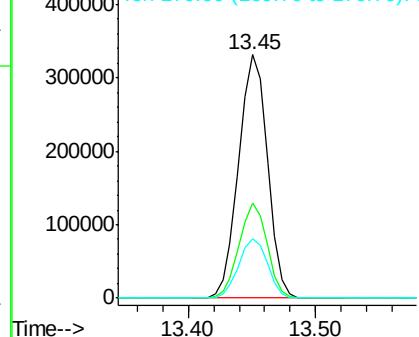


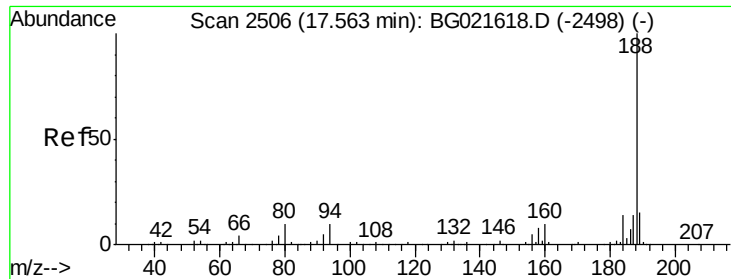
#44
 2-Fluorobiphenyl
 Concen: 80.21 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

Tgt Ion: 172 Resp: 520559
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 24.4 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

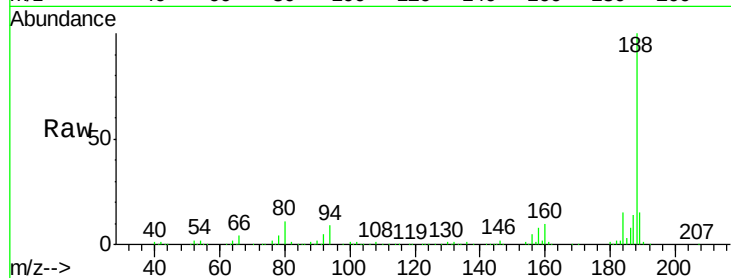




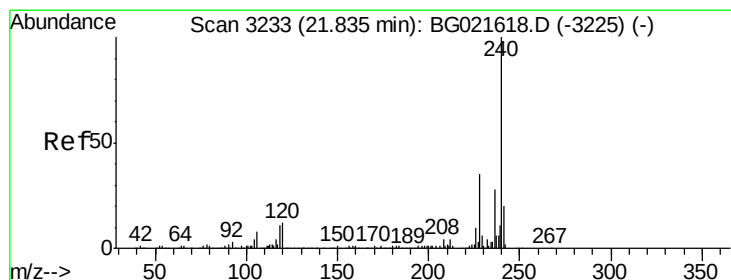
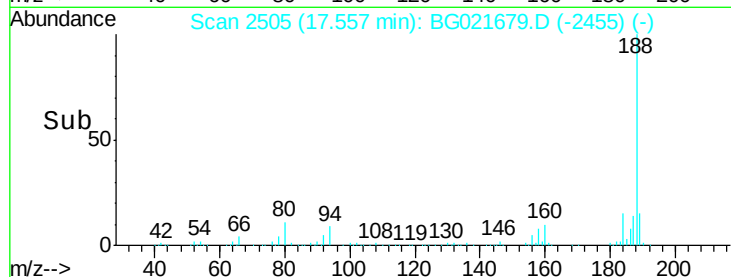
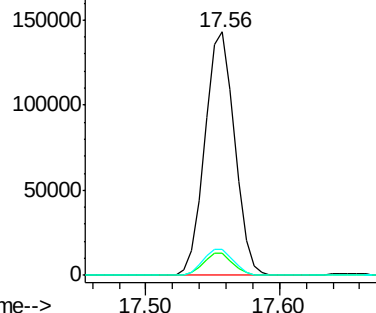
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021679.D
Acq: 15 Apr 2016 9:24

Instrument :
BNA_G
ClientSampleId :
PB89789BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.8	8.6	13.0

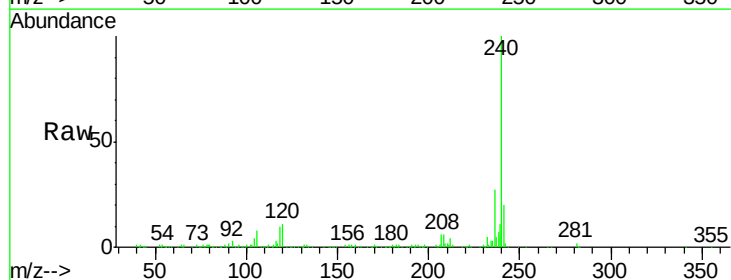


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

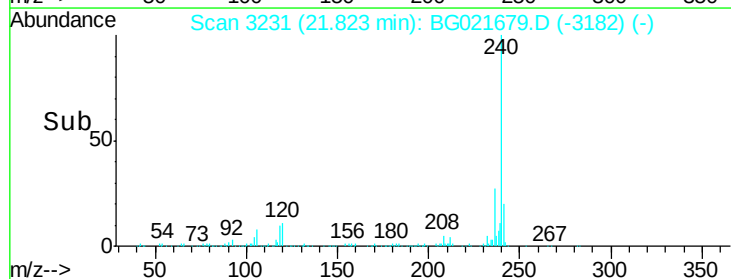
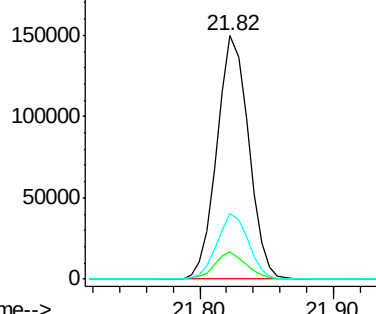


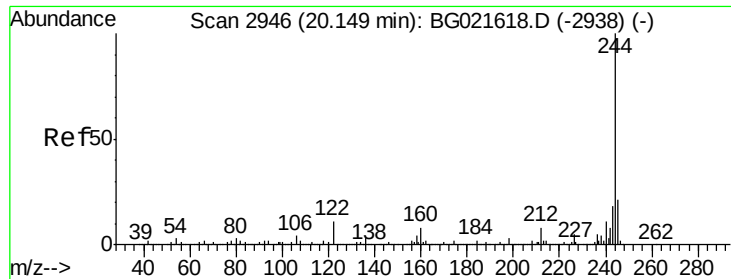
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021679.D
Acq: 15 Apr 2016 9:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	26.8	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

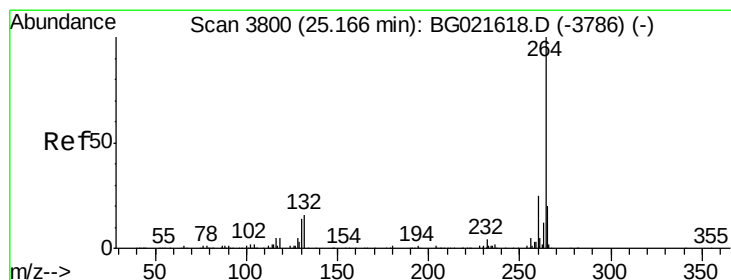
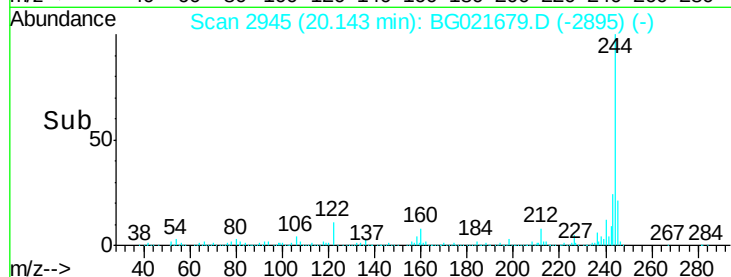
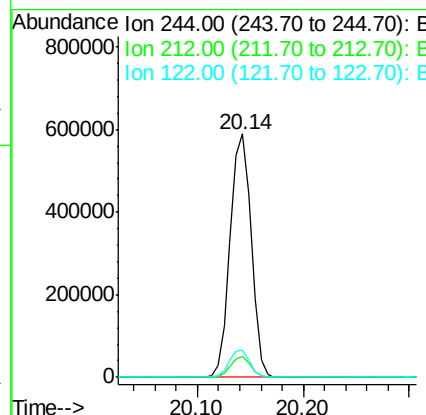
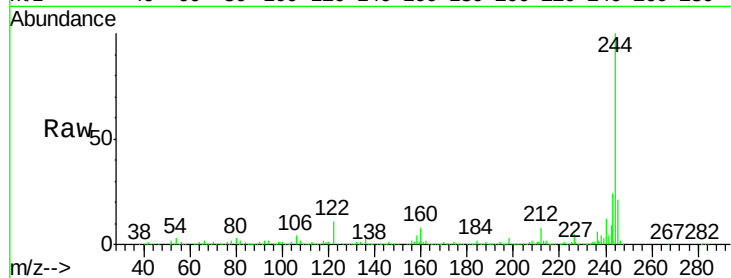




#78
 Terphenyl-d14
 Concen: 82.44 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.1	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.15 min Scan# 3798
 Delta R.T. -0.01 min
 Lab File: BG021679.D
 Acq: 15 Apr 2016 9:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	19.5	17.8	26.8

