

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021111.D
 Acq On : 27 Feb 2016 12:30
 Operator : UM/SJ
 Sample : H1578-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224

Quant Time: Feb 29 00:13:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5865	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	25677	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	16593	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	41235	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	49235	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	16772	50.07	ng	0.00
7) Phenol-d6	7.31	99	14677	29.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	48299	89.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	27134	124.73	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	105663	81.49	ng	-0.01
78) Terphenyl-d14	20.10	244	182558	86.65	ng	-0.01

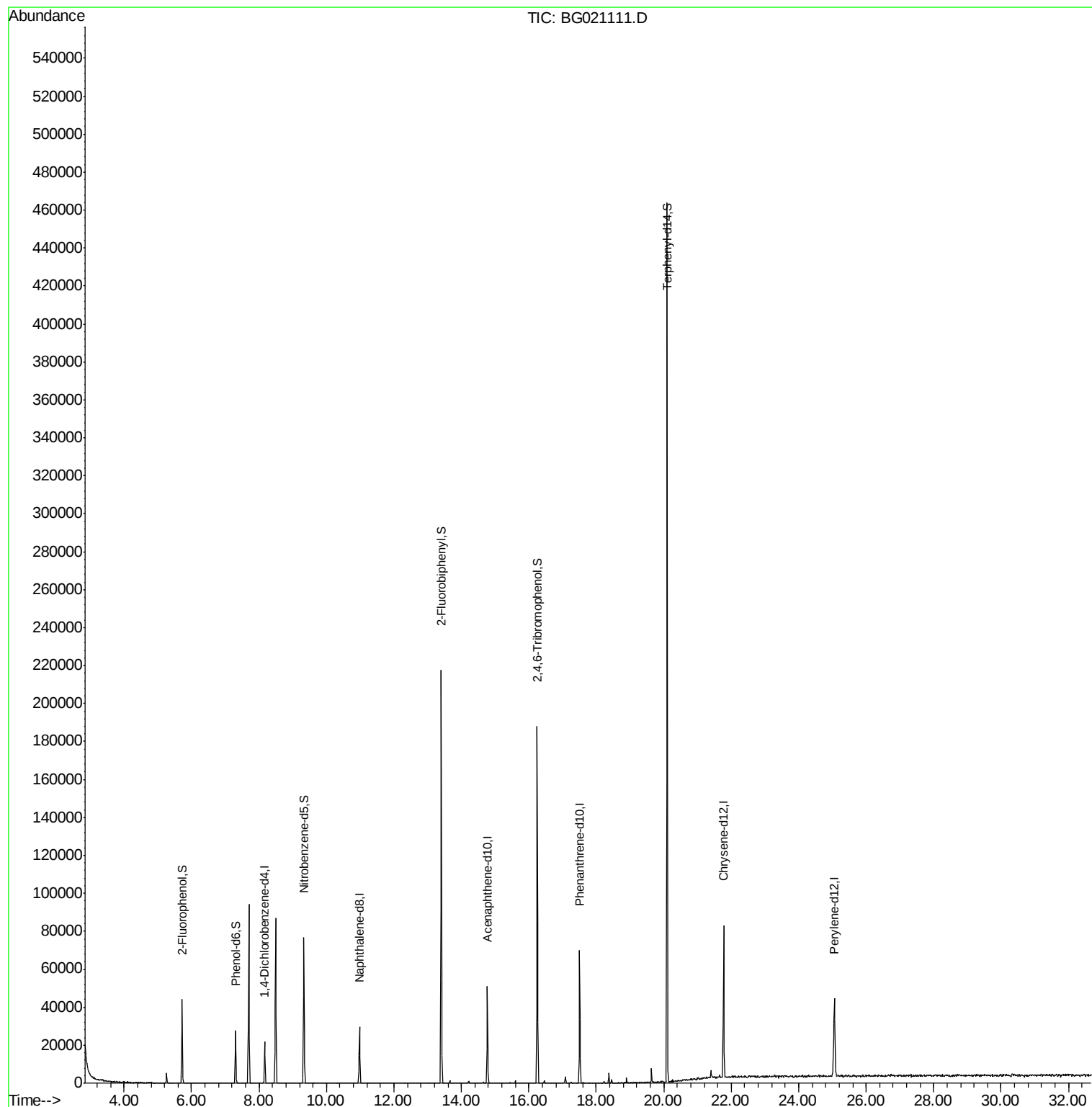
Target Compounds	Qvalue
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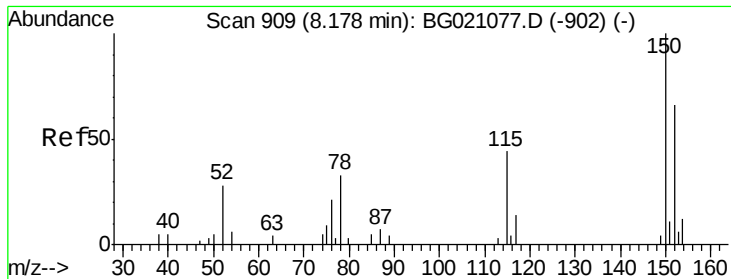
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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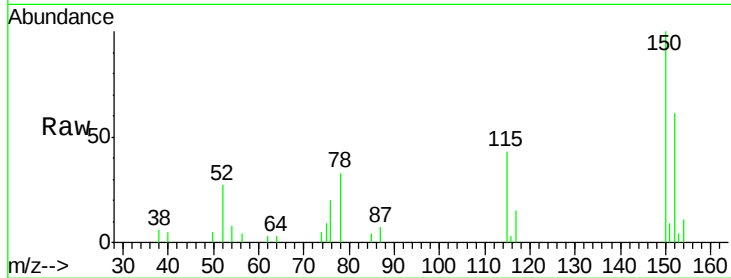


#1

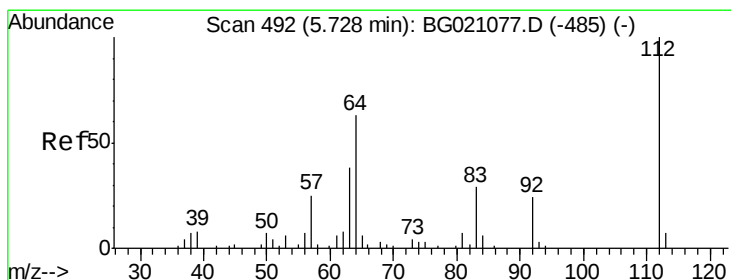
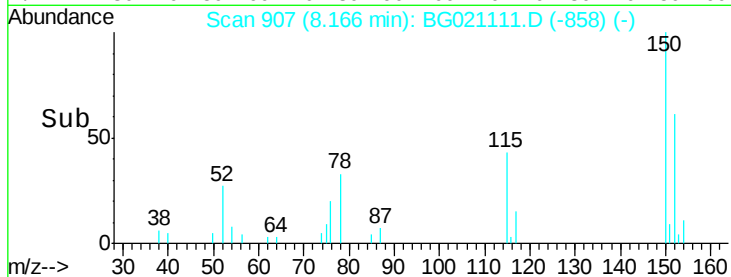
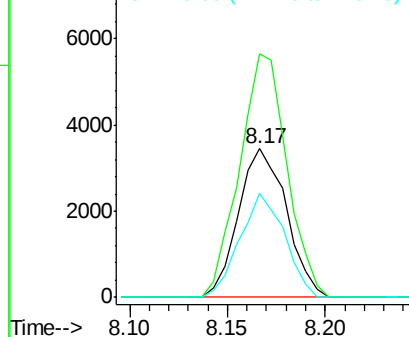
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224

Tgt Ion:152 Resp: 5865
Ion Ratio Lower Upper
152 100
150 164.1 123.4 185.2
115 70.0 43.3 64.9#



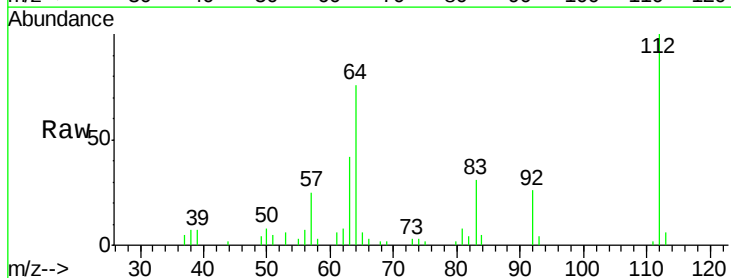
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



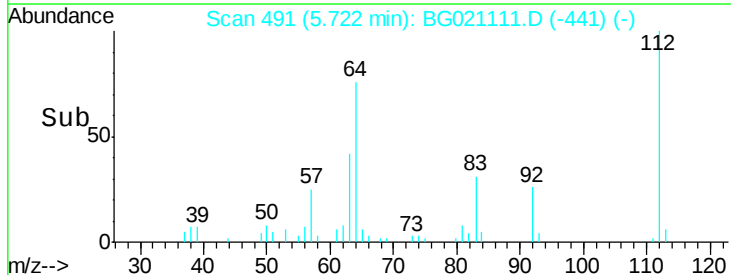
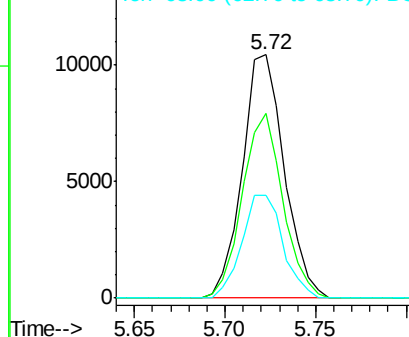
#5

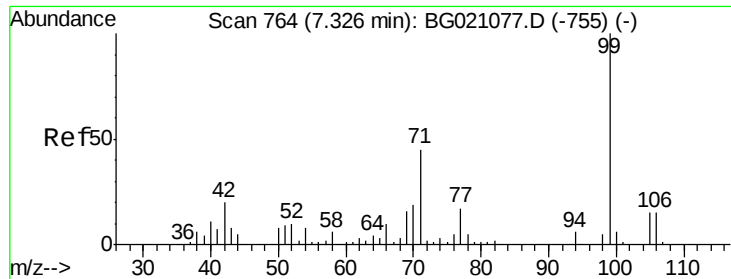
2-Fluorophenol
Concen: 50.07 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

Tgt Ion:112 Resp: 16772
Ion Ratio Lower Upper
112 100
64 76.0 42.6 63.8#
63 42.1 21.7 32.5#



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: 29.44 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224

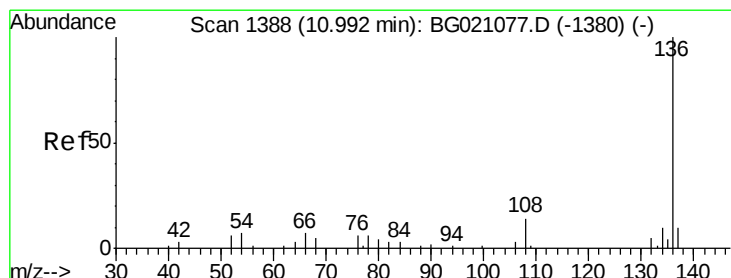
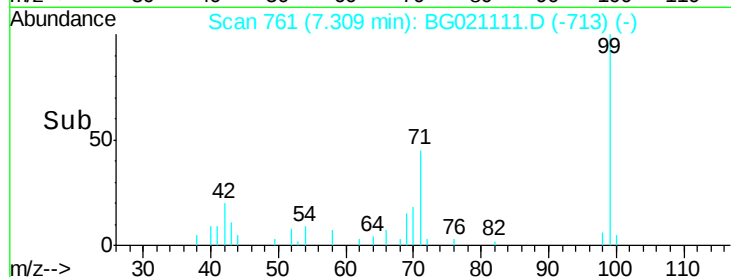
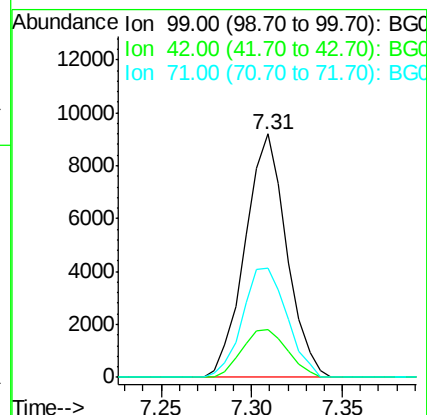
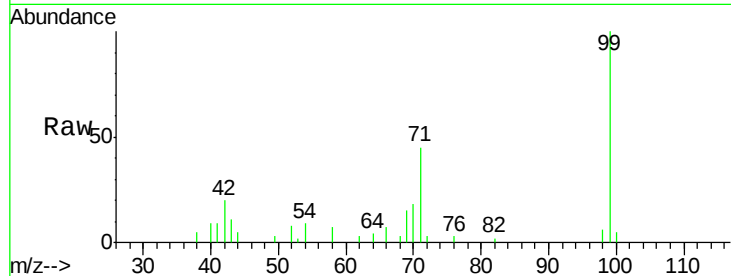
Tgt Ion: 99 Resp: 14677

Ion Ratio Lower Upper

99 100

42 19.7 13.2 19.8

71 45.1 25.2 37.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

Tgt Ion: 136 Resp: 25677

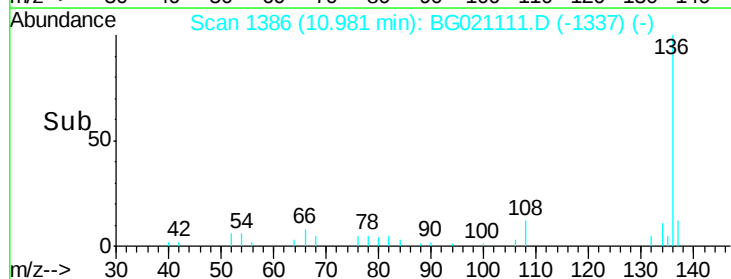
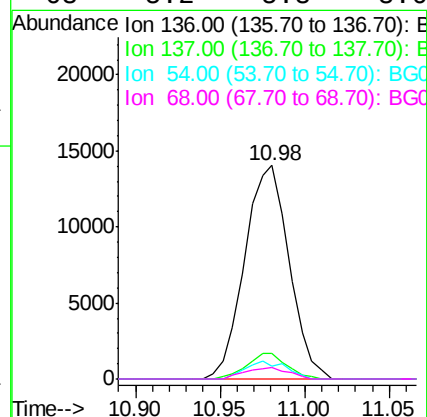
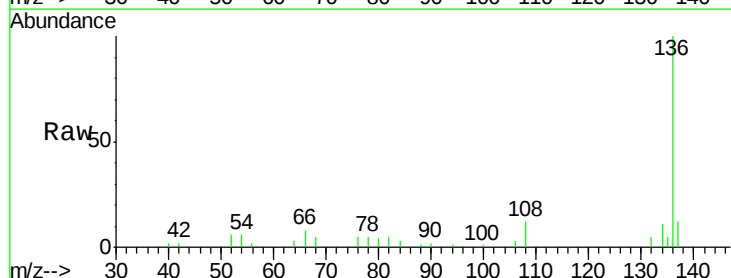
Ion Ratio Lower Upper

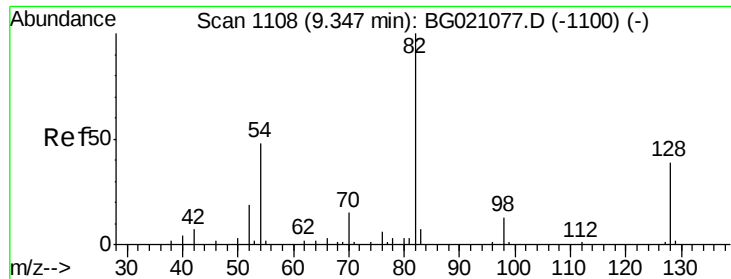
136 100

137 12.1 8.8 13.2

54 6.3 6.9 10.3#

68 5.2 5.8 8.6#

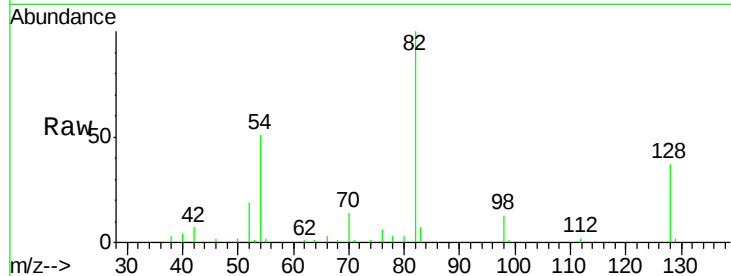




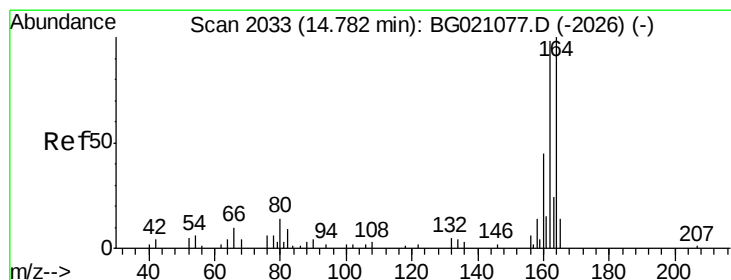
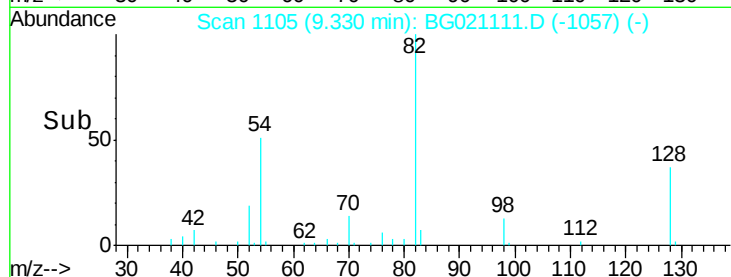
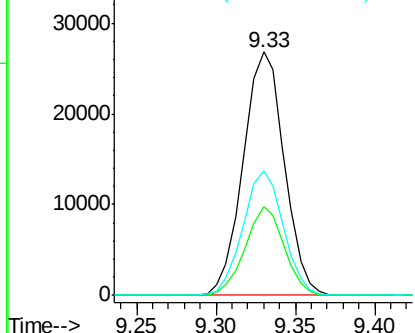
#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	36.3	54.5
54	51.0	37.6	56.4

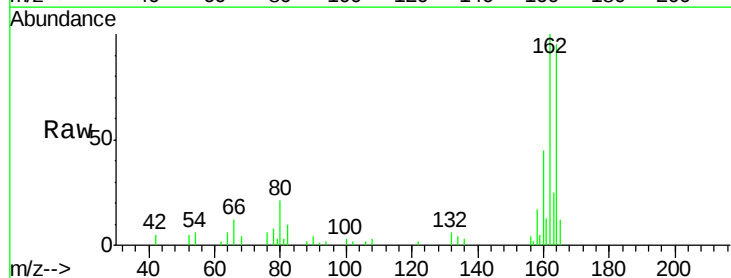


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

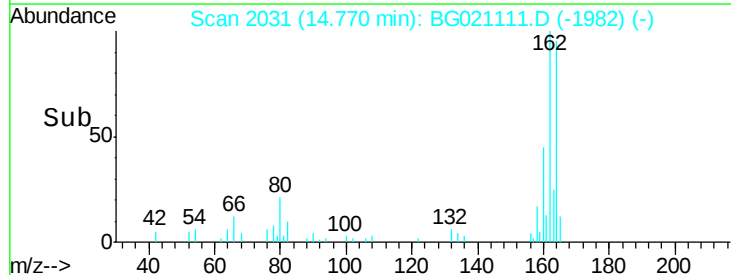
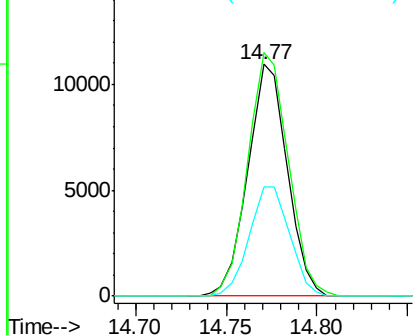


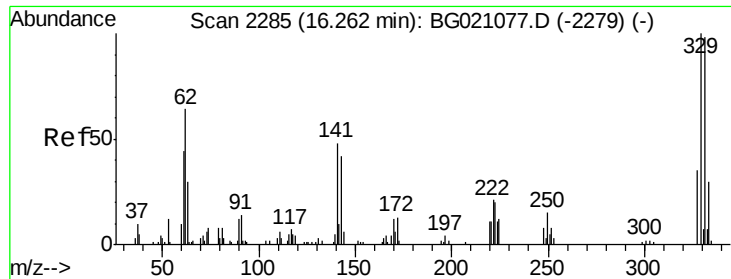
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.6	120.8
160	47.2	36.5	54.7



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: 124.73 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224

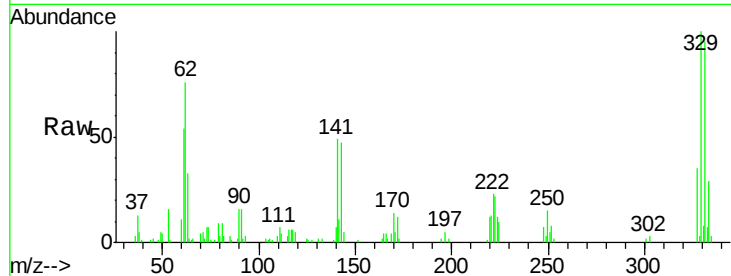
Tgt Ion:330 Resp: 27134

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

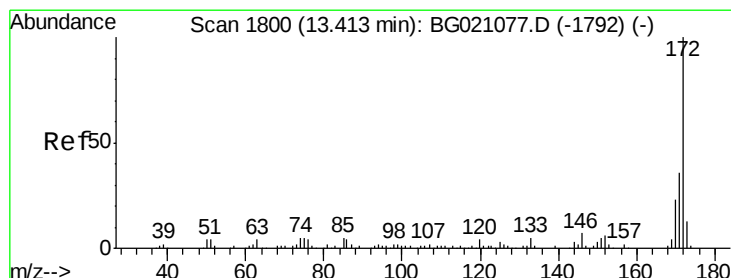
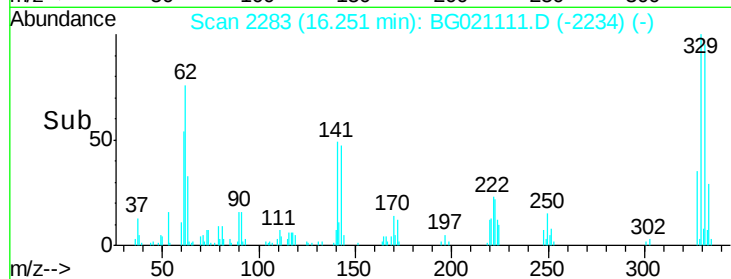
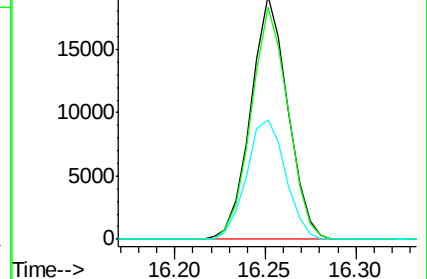
141 51.6 35.3 52.9



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: 81.49 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

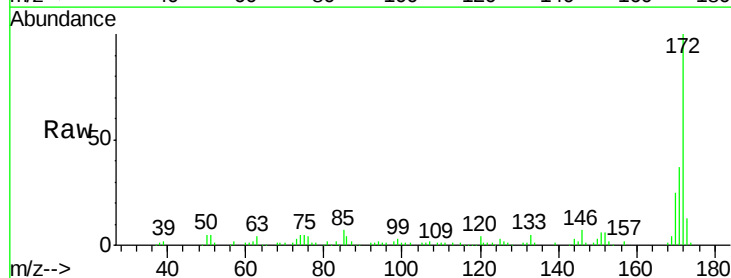
Tgt Ion:172 Resp: 105663

Ion Ratio Lower Upper

172 100

171 37.5 29.4 44.0

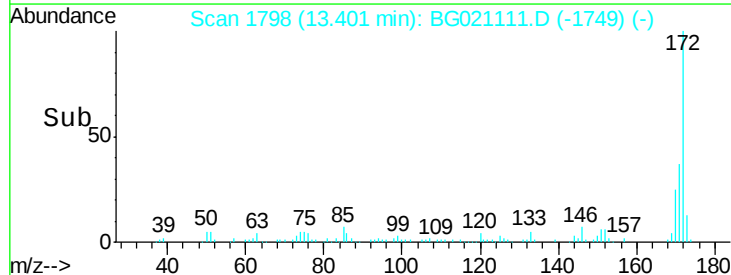
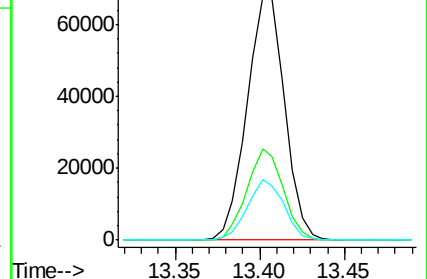
170 24.8 19.8 29.8

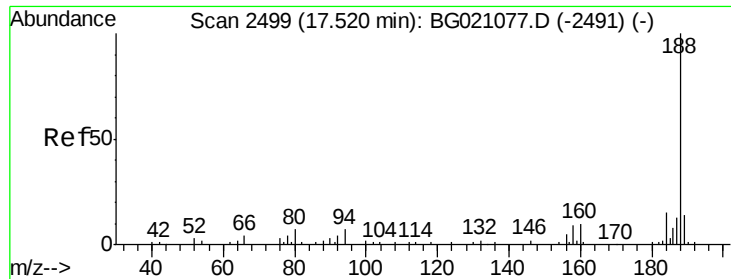


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

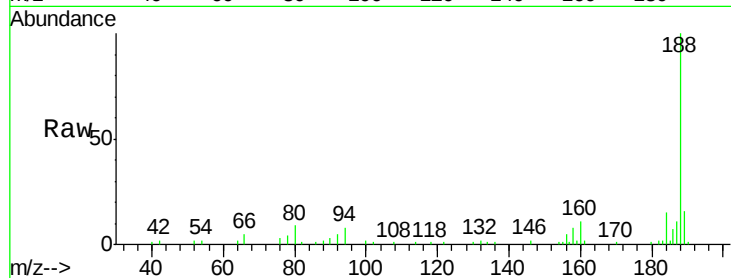




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224

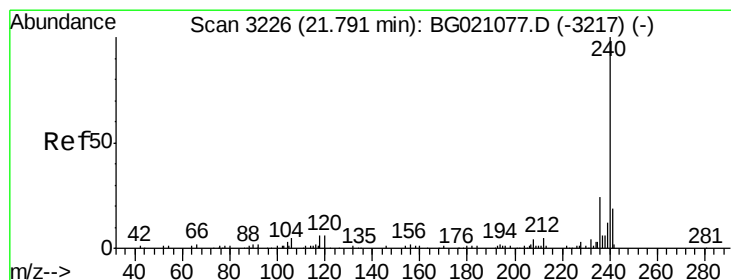
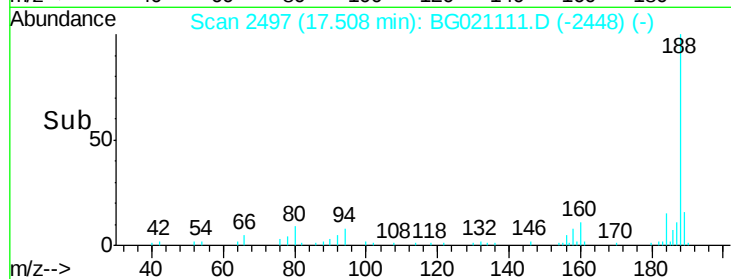
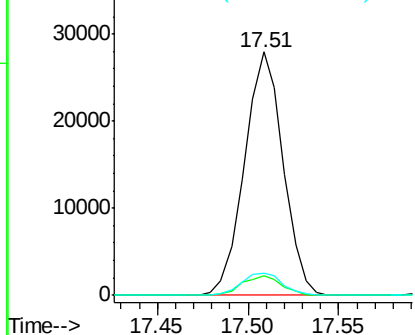
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.4#
80	9.1	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

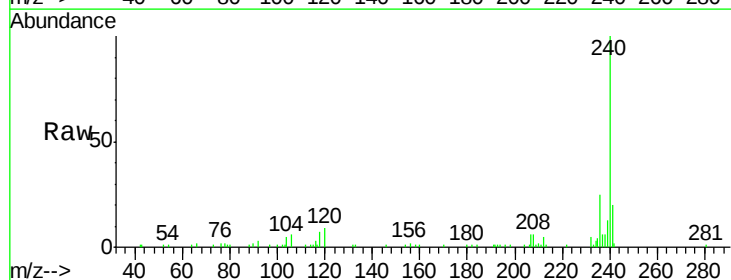
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG021111.D
Acq: 27 Feb 2016 12:30

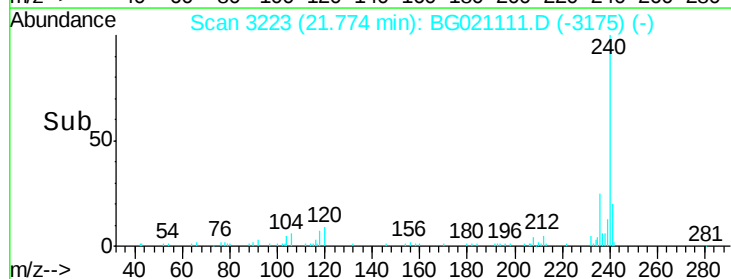
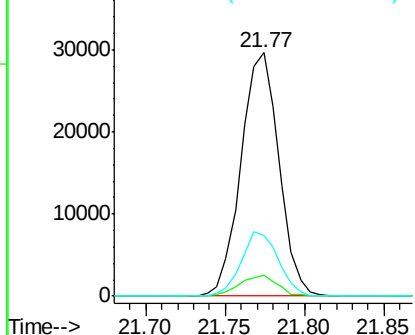
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.5	11.3
236	24.9	20.5	30.7

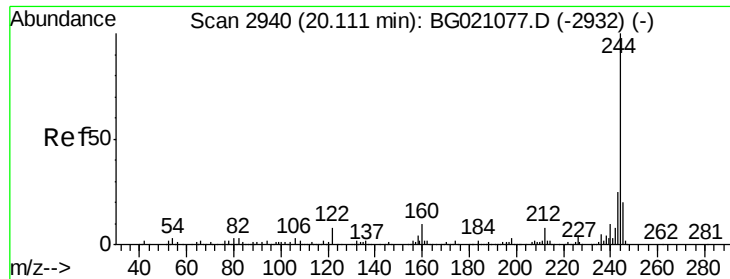


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.65 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224

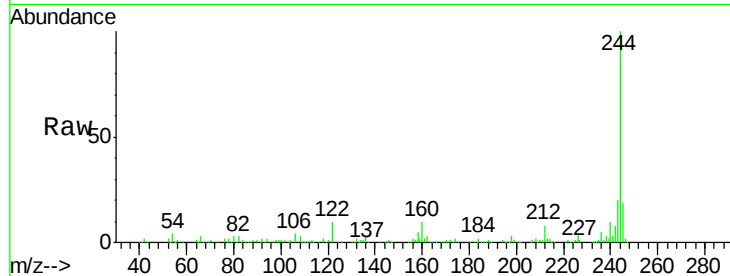
Tgt Ion:244 Resp: 182558

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

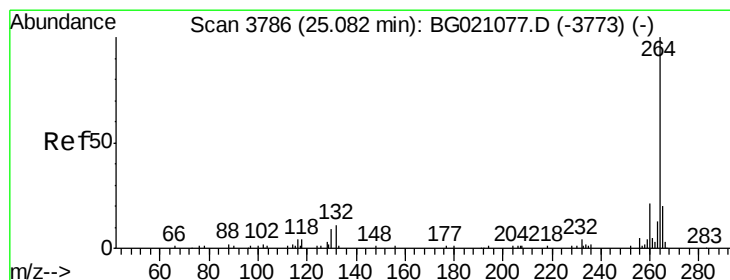
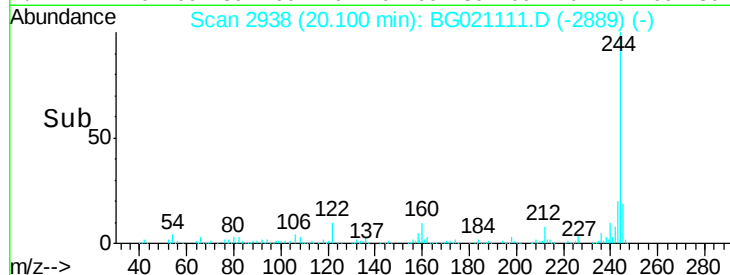
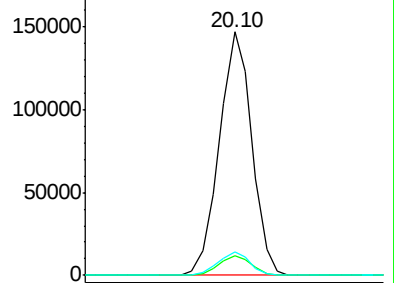
122 9.6 8.3 12.5



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: 25.06 min Scan# 3782

Delta R.T. -0.02 min

Lab File: BG021111.D

Acq: 27 Feb 2016 12:30

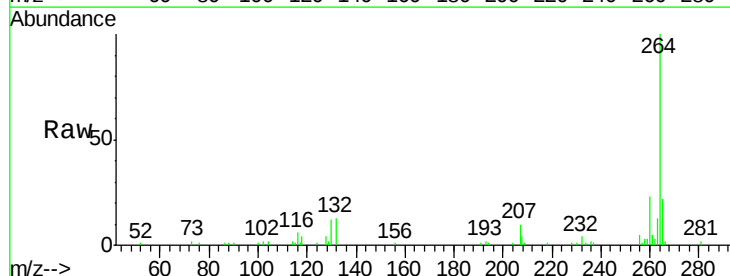
Tgt Ion:264 Resp: 45533

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 22.4 18.6 28.0



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

