

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
 Data File : BG021027.D
 Acq On : 22 Feb 2016 23:39
 Operator : UM/SJ
 Sample : H1554-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EVTP2

Quant Time: Feb 23 14:35:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 14:08:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	9139	20.00	ng	-0.01
21) Naphthalene-d8	11.05	136	47801	20.00	ng	-0.01
38) Acenaphthene-d10	14.84	164	30398	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	62175	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	44263	20.00	ng	-0.02
86) Perylene-d12	25.17	264	42387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	8357	17.20	ng	-0.03
7) Phenol-d6	7.45	99	12255	17.60	ng	-0.04
23) Nitrobenzene-d5	9.41	82	6756	10.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	7055	17.03	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	25334	11.64	ng	-0.02
78) Terphenyl-d14	20.15	244	24162	10.30	ng	-0.01

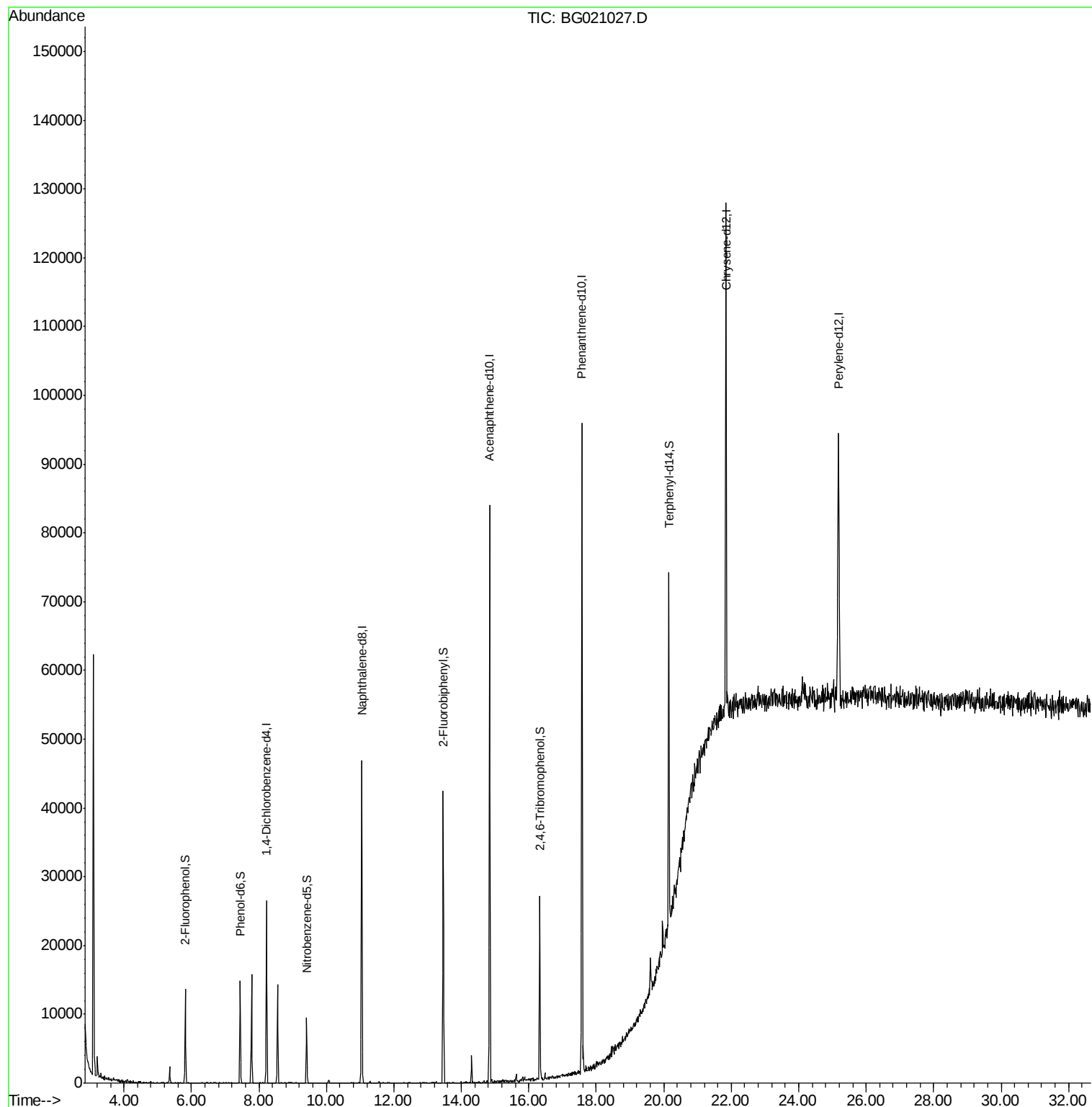
Target Compounds Qvalue

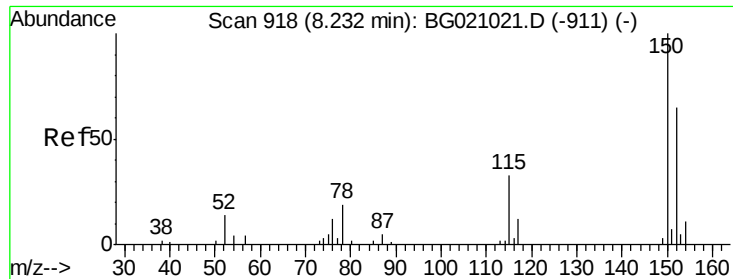
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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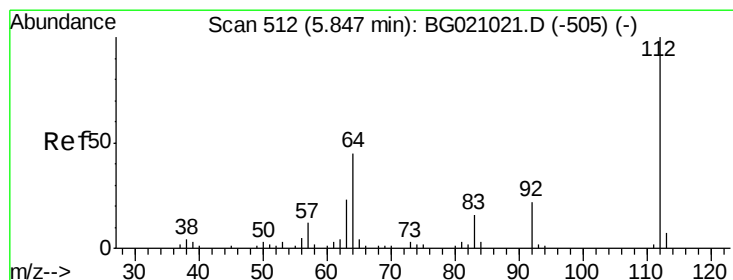
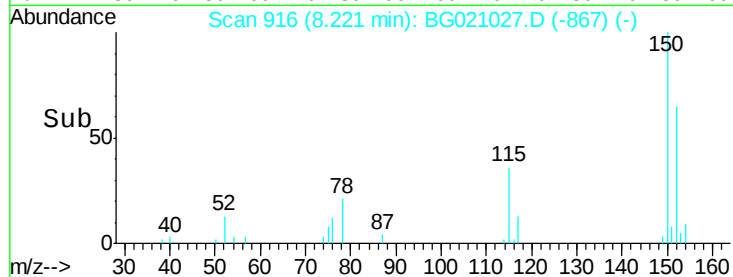
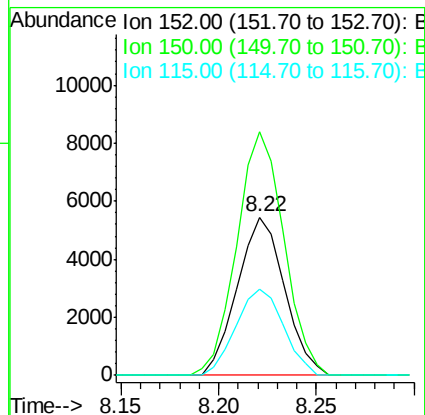
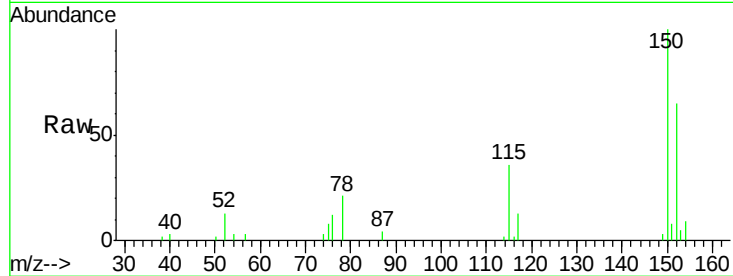


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

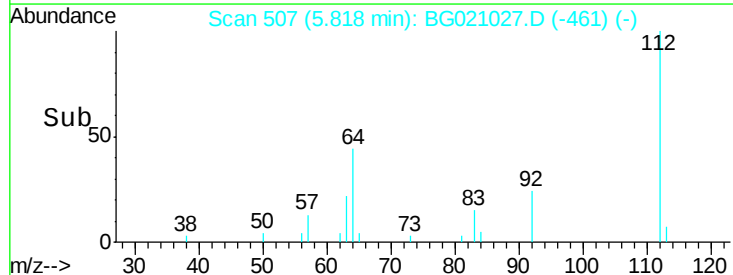
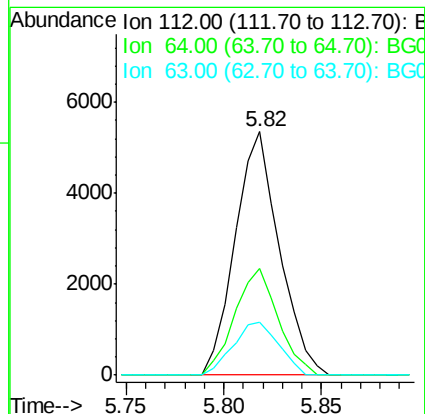
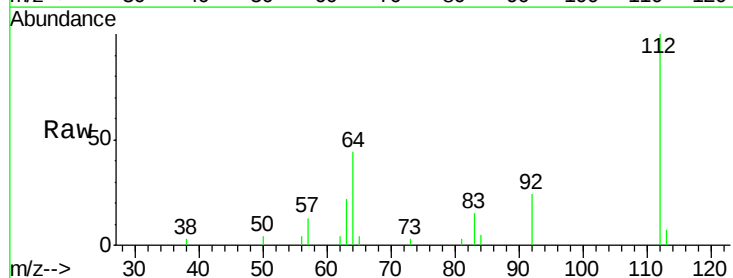
Tot Ion:152 Resp: 9139
Ion Ratio Lower Upper
152 100
150 153.9 122.5 183.7
115 54.7 40.1 60.1

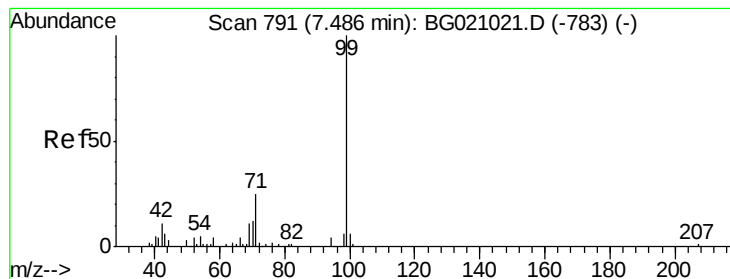


#5

2-Fluorophenol
Concen: 17.20 ng
RT: 5.82 min Scan# 507
Delta R.T. -0.03 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:112 Resp: 8357
Ion Ratio Lower Upper
112 100
64 43.6 35.8 53.8
63 21.9 18.6 27.8





#7

Phenol-d6

Concen: 17.60 ng

RT: 7.45 min Scan# 784

Delta R.T. -0.04 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

Instrument :

BNA_G

ClientSampleId :

EVTP2

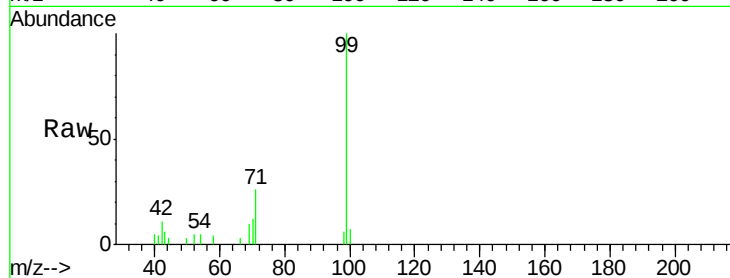
Tot Ion: 99 Resp: 12255

Ion Ratio Lower Upper

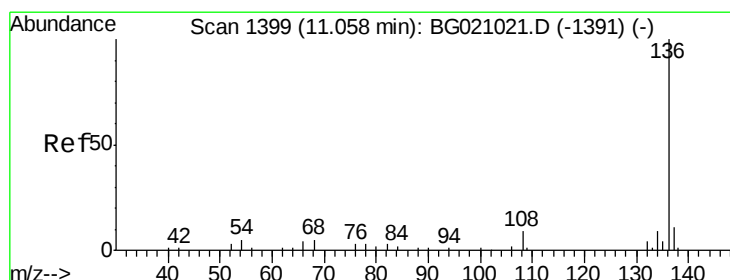
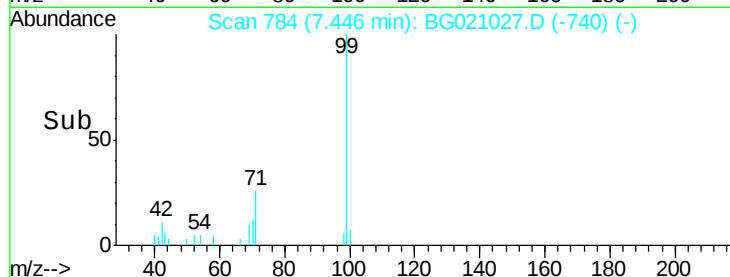
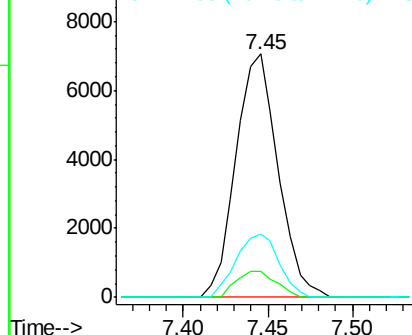
99 100

42 10.9 8.6 13.0

71 25.8 20.1 30.1



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: 11.05 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

Tgt Ion: 136 Resp: 47801

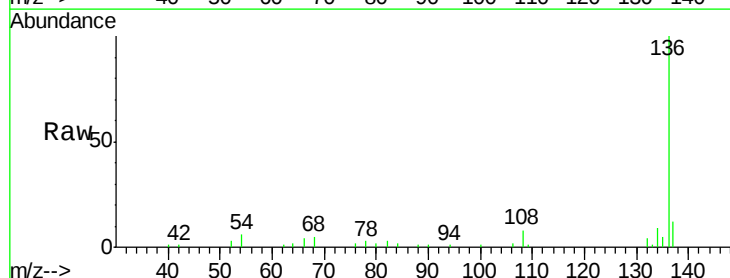
Ion Ratio Lower Upper

136 100

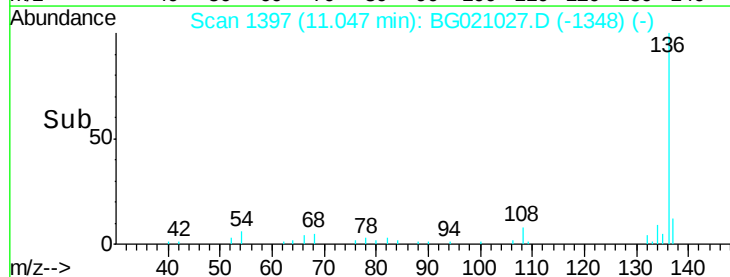
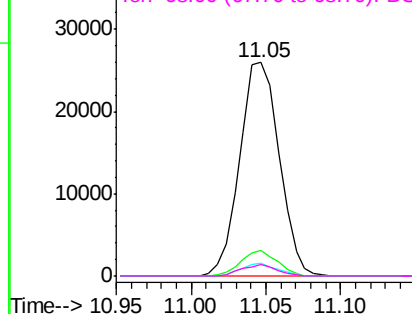
137 11.8 9.0 13.4

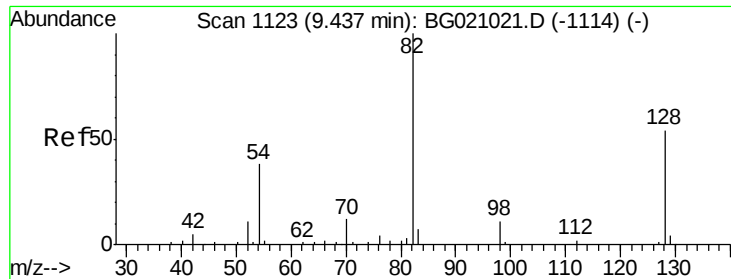
54 5.7 4.2 6.2

68 5.4 4.3 6.5



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

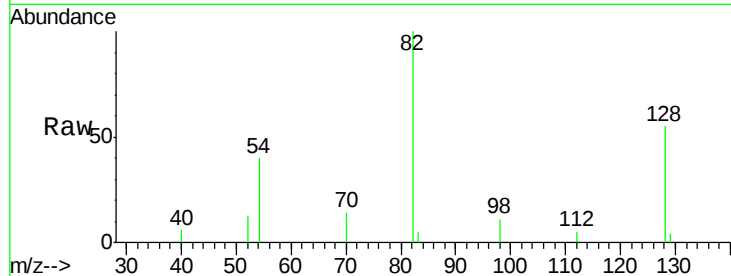




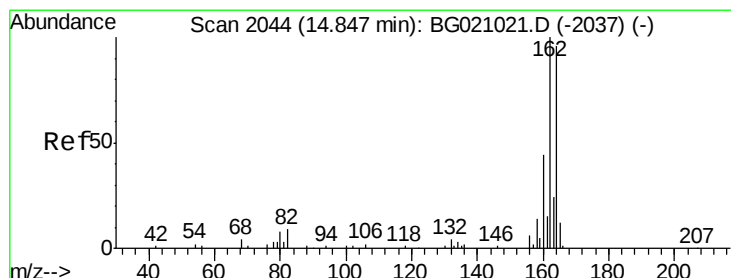
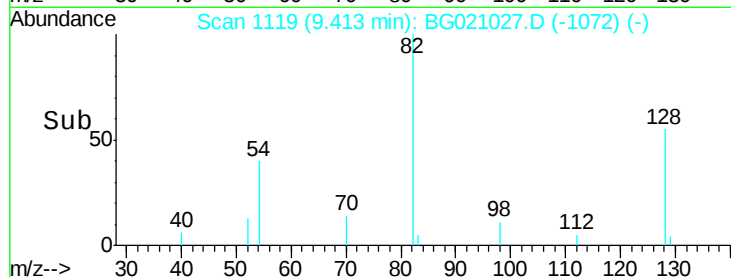
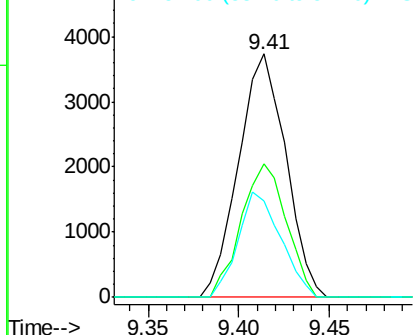
#23
 Nitrobenzene-d5
 Concen: 10.47 ng
 RT: 9.41 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BG021027.D
 Acq: 22 Feb 2016 23:39

Instrument :
 BNA_G
 ClientSampleId :
 EVTP2

Tot Ion	82	Resp	6756
Ion Ratio	Lower	Upper	
82	100		
128	55.0	43.4	65.0
54	39.7	30.1	45.1

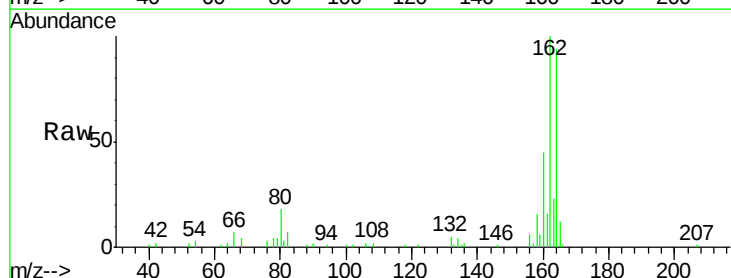


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

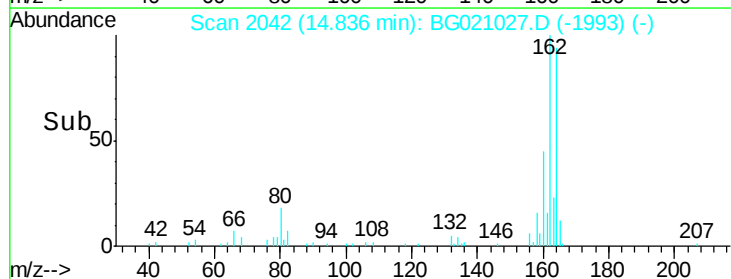
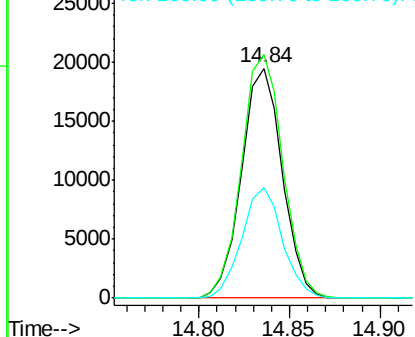


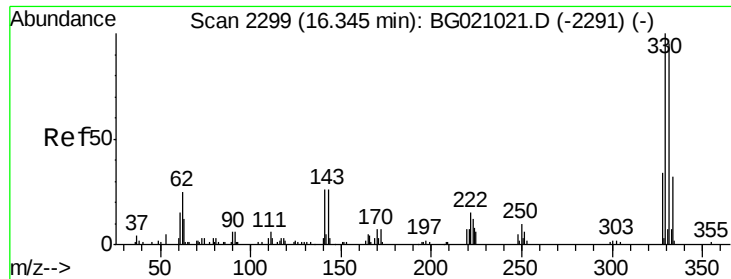
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG021027.D
 Acq: 22 Feb 2016 23:39

Tgt Ion	164	Resp	30398
Ion Ratio	Lower	Upper	
164	100		
162	105.9	83.4	125.2
160	48.0	37.0	55.4



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

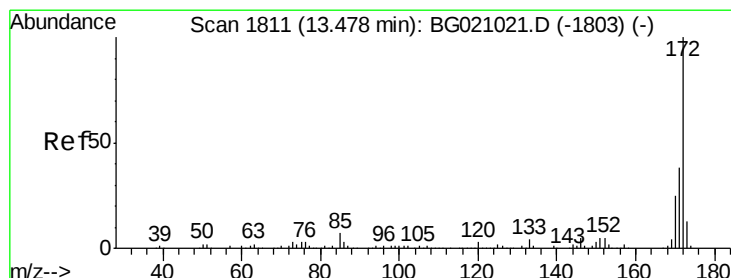
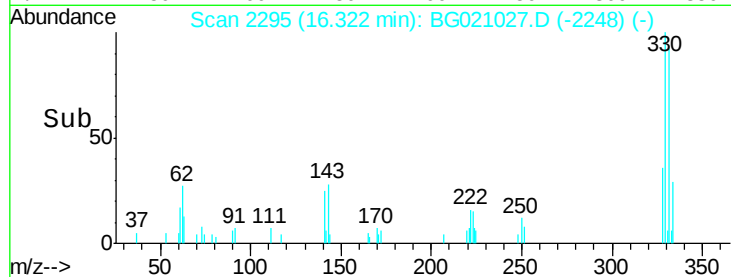
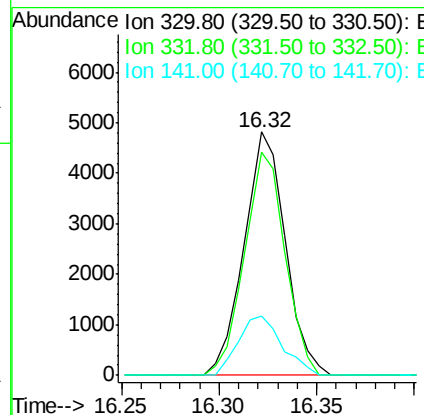
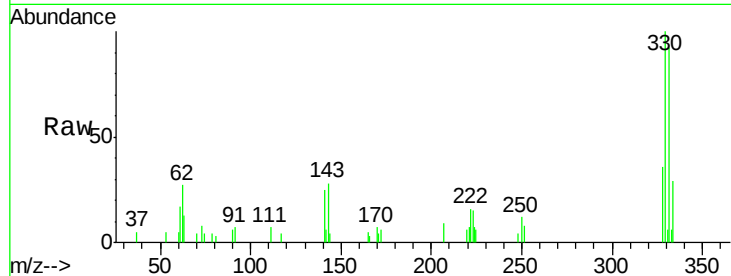




#41
 2,4,6-Tribromophenol
 Concen: 17.03 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG021027.D
 Acq: 22 Feb 2016 23:39

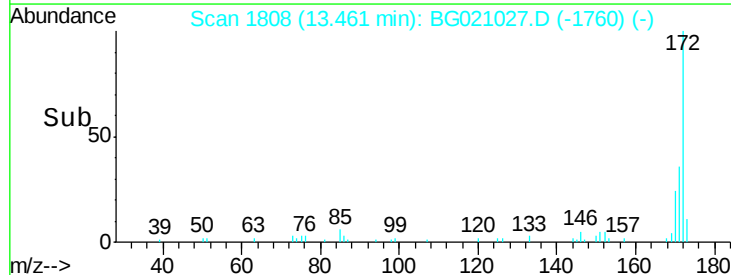
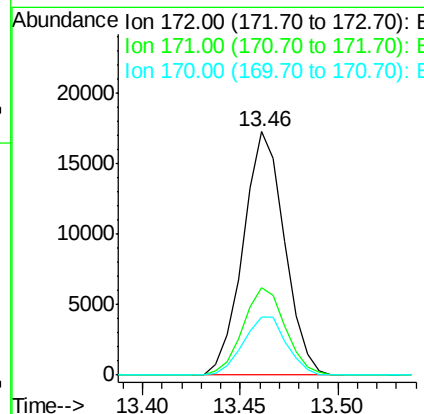
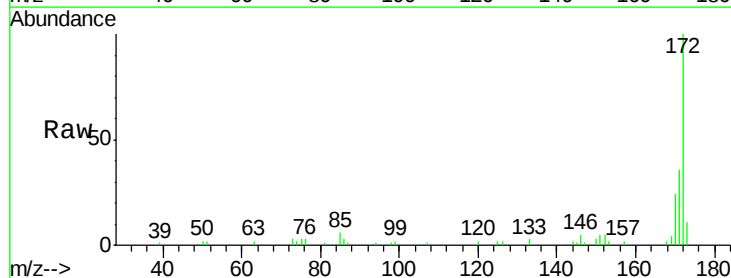
Instrument :
 BNA_G
 ClientSampleId :
 EVTP2

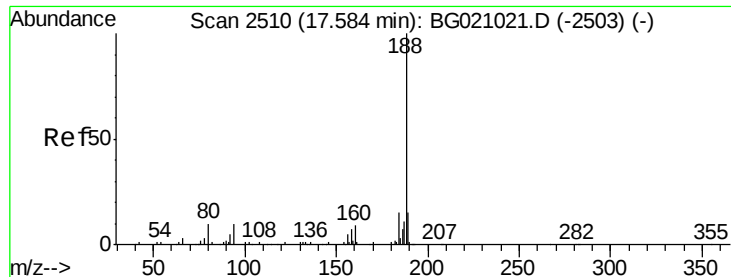
Tot Ion:330 Resp: 7055
 Ion Ratio Lower Upper
 330 100
 332 90.1 77.0 115.4
 141 25.9 23.5 35.3



#44
 2-Fluorobiphenyl
 Concen: 11.64 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.02 min
 Lab File: BG021027.D
 Acq: 22 Feb 2016 23:39

Tgt Ion:172 Resp: 25334
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.3 45.5
 170 23.7 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

Instrument :

BNA_G

ClientSampled :

EVTP2

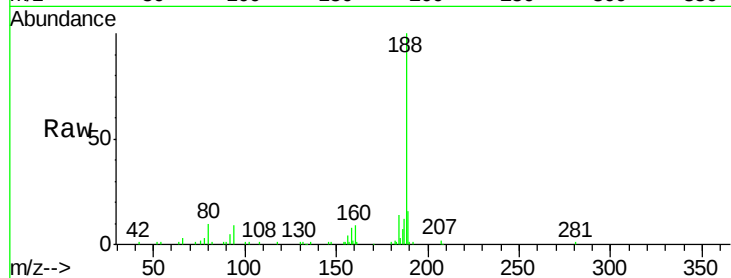
Tot Ion:188 Resp: 62175

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

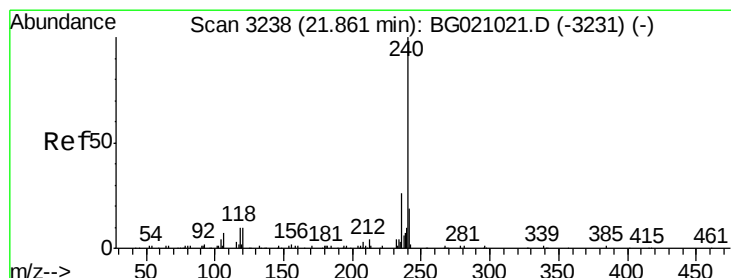
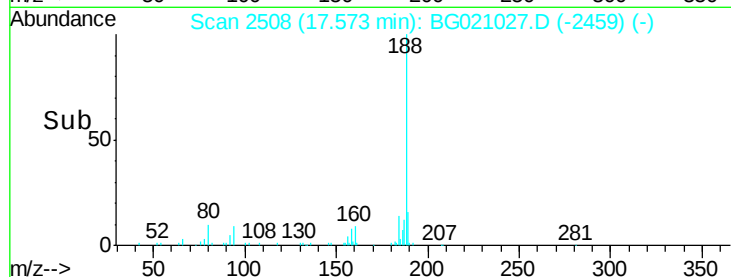
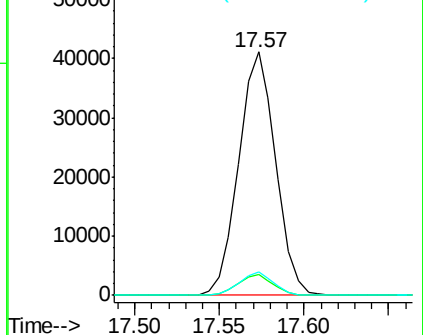
80 9.7 8.2 12.4



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: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

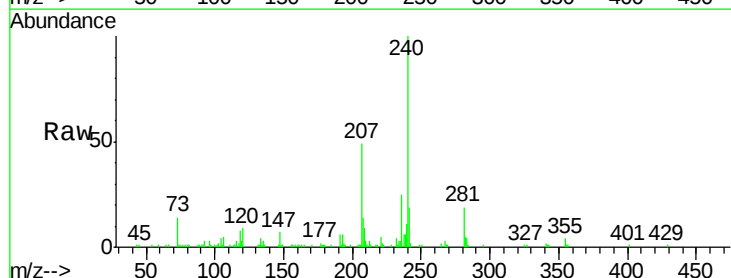
Tgt Ion:240 Resp: 44263

Ion Ratio Lower Upper

240 100

120 8.5 8.3 12.5

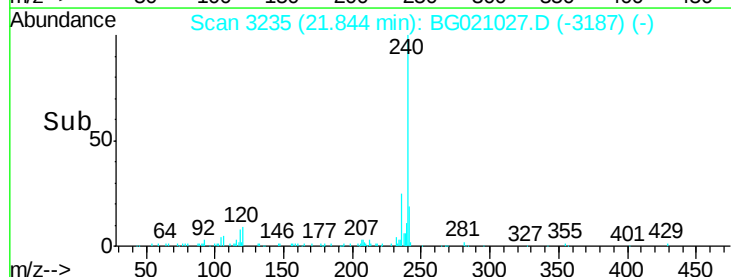
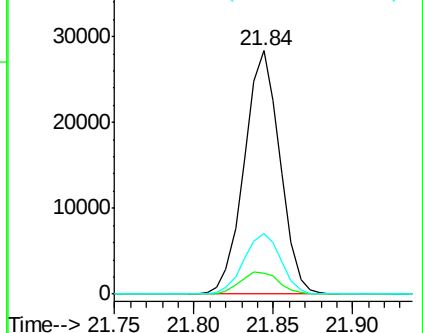
236 25.1 21.2 31.8

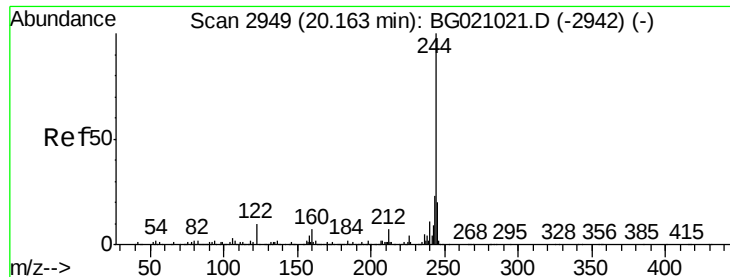


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.30 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

Instrument :

BNA_G

ClientSampleId :

EVTP2

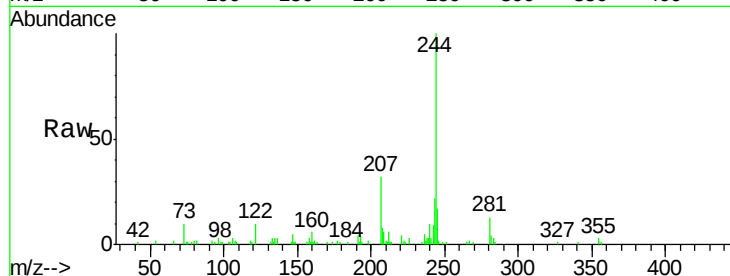
Tot Ion:244 Resp: 24162

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

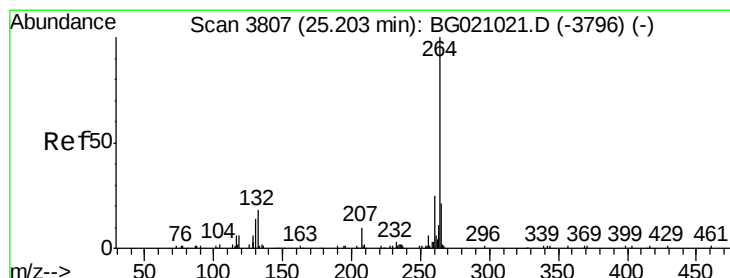
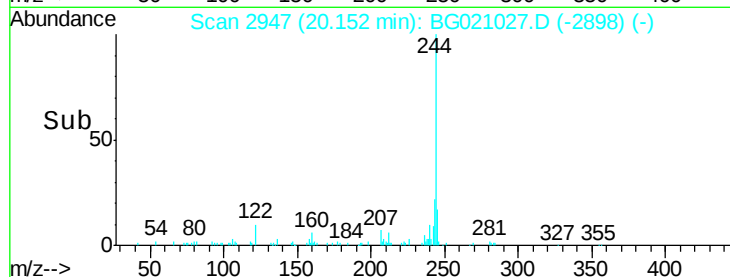
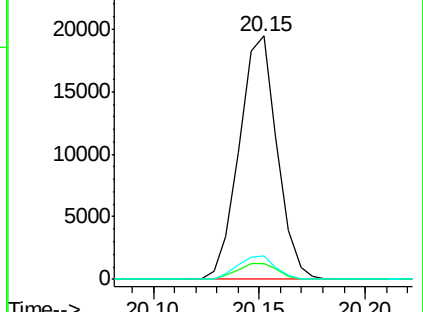
122 9.6 7.9 11.9



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: 25.17 min Scan# 3802

Delta R.T. -0.03 min

Lab File: BG021027.D

Acq: 22 Feb 2016 23:39

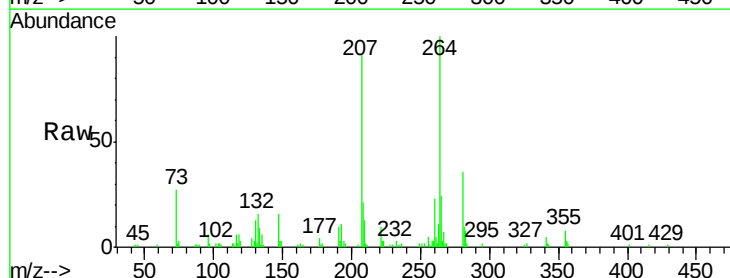
Tgt Ion:264 Resp: 42387

Ion Ratio Lower Upper

264 100

260 22.7 19.8 29.6

265 23.8 20.7 31.1



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

