

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021667.D
 Acq On : 15 Apr 2016 00:32
 Operator : UM/SJ
 Sample : H2517-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572

Quant Time: Apr 15 14:10:46 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	8.21	152	28762	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	133056	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	91588	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	219990	20.00	ng	0.00
75) Chrysene-d12	21.83	240	238603	20.00	ng	0.00
86) Perylene-d12	25.15	264	231812	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	121229	70.19	ng	0.00
7) Phenol-d6	7.36	99	113002	43.80	ng	0.00
23) Nitrobenzene-d5	9.38	82	257381	99.43	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	176621	178.93	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	620836	99.32	ng	0.00
78) Terphenyl-d14	20.14	244	902952	94.43	ng	0.00

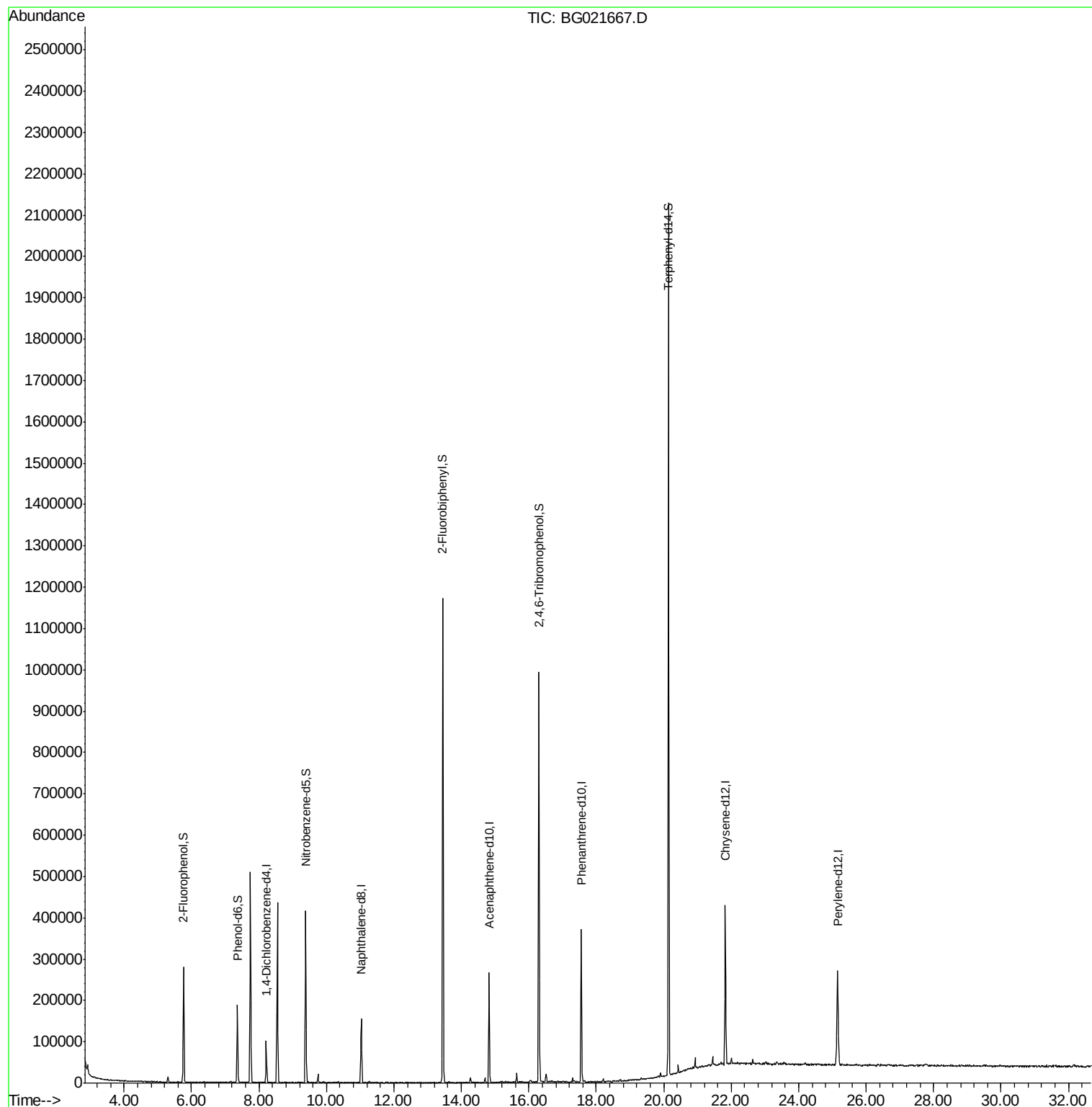
Target Compounds	Qvalue
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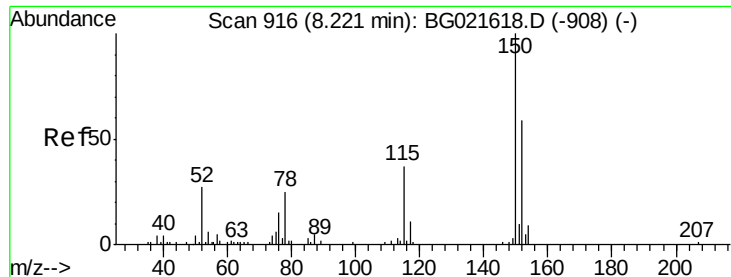
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

Instrument :

BNA_G

ClientSampleId :

S8-0572

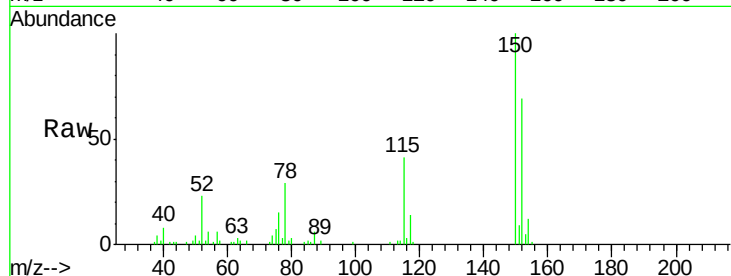
Tgt Ion:152 Resp: 28762

Ion Ratio Lower Upper

152 100

150 145.1 130.1 195.1

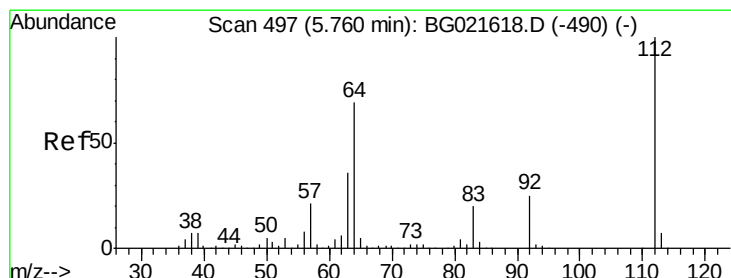
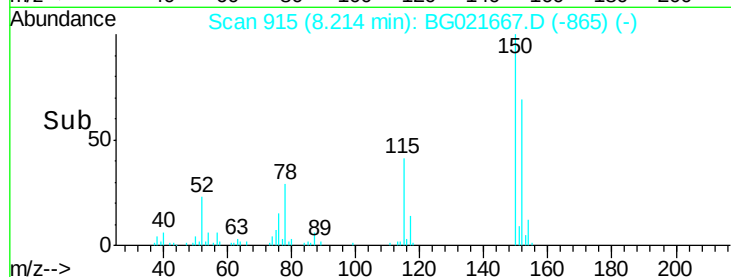
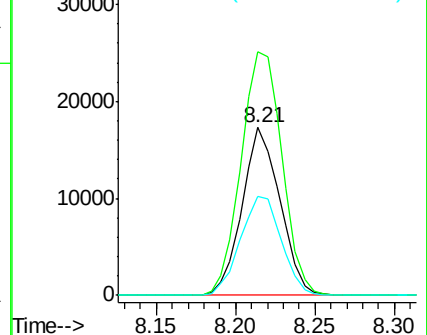
115 59.3 62.2 93.2#



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: 70.19 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

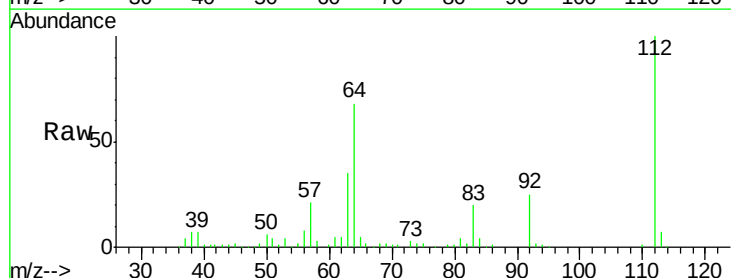
Tgt Ion:112 Resp: 121229

Ion Ratio Lower Upper

112 100

64 67.6 51.1 76.7

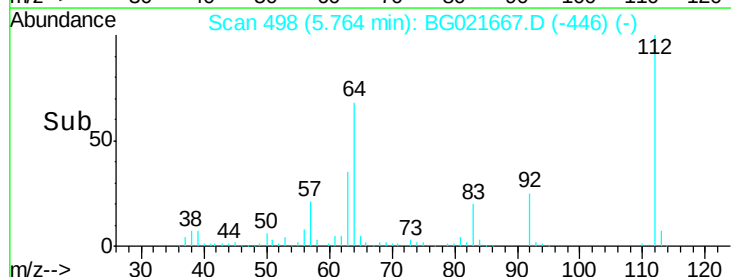
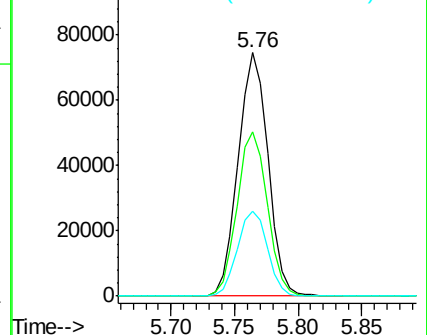
63 35.0 24.6 37.0

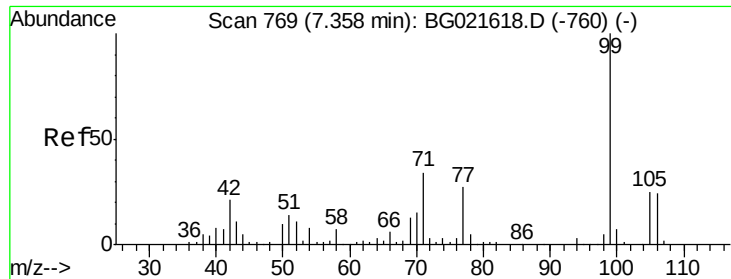


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.80 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

Instrument :

BNA_G

ClientSampleId :

S8-0572

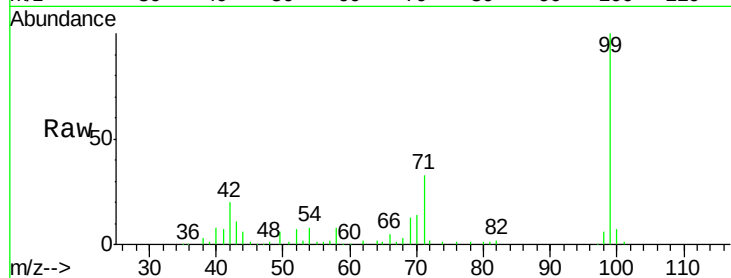
Tgt Ion: 99 Resp: 113002

Ion Ratio Lower Upper

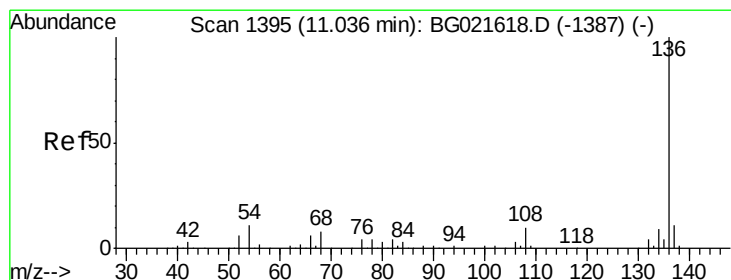
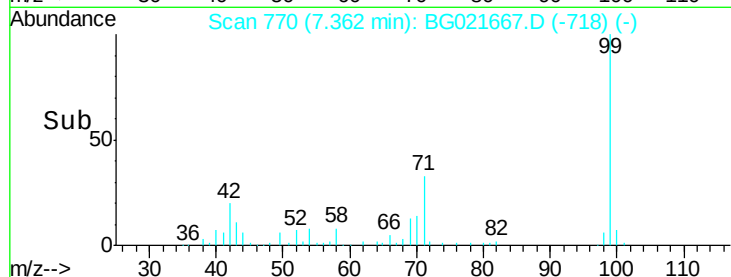
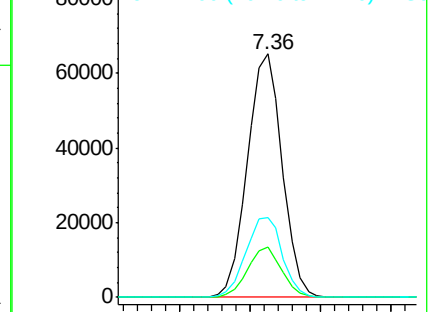
99 100

42 20.5 16.4 24.6

71 32.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

Tgt Ion: 136 Resp: 133056

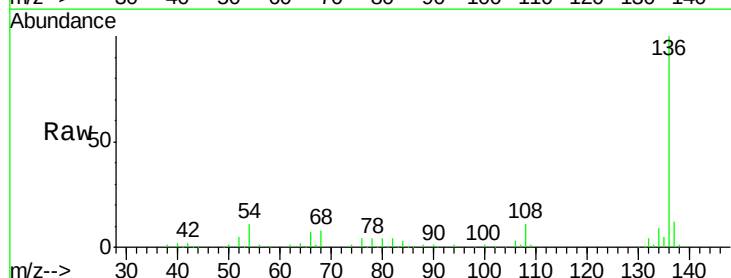
Ion Ratio Lower Upper

136 100

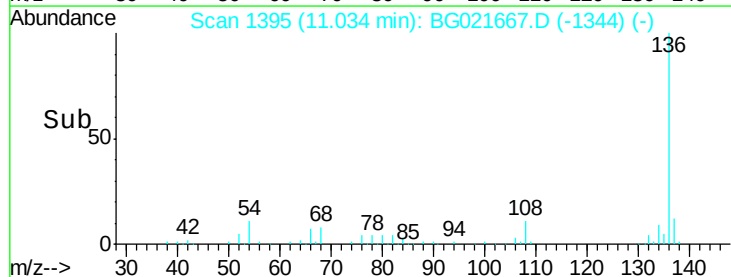
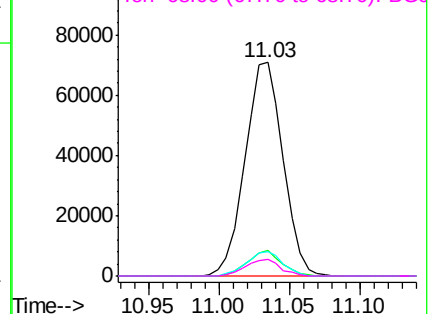
137 11.8 9.0 13.4

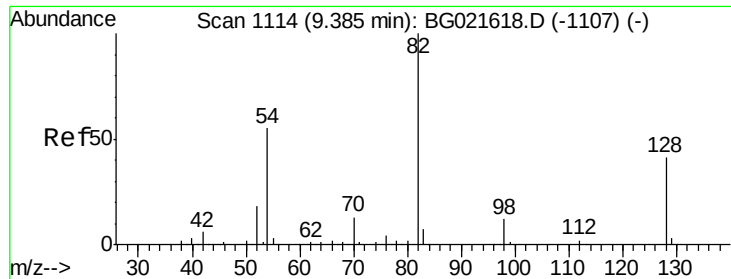
54 11.2 9.6 14.4

68 8.1 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

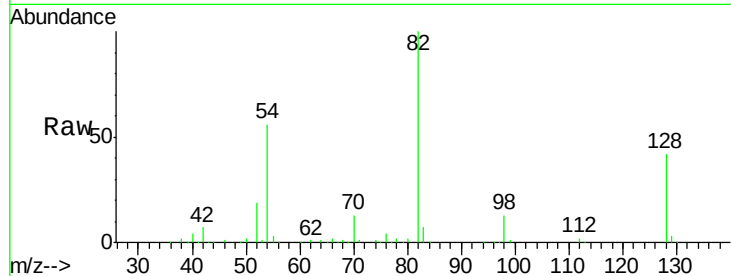




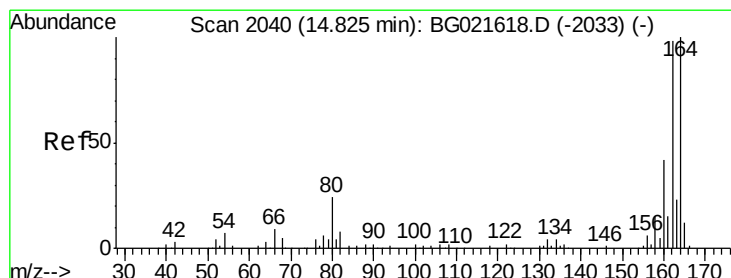
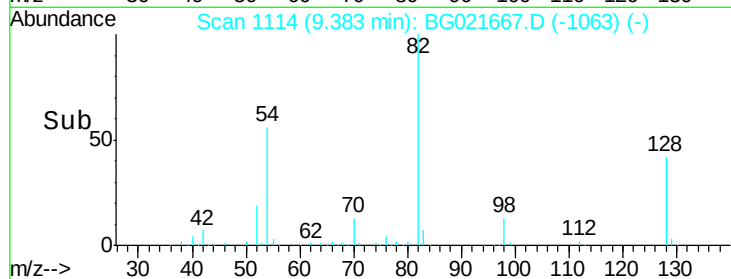
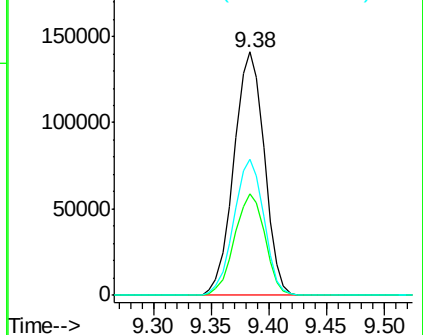
#23
 Nitrobenzene-d5
 Concen: 99.43 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021667.D
 Acq: 15 Apr 2016 00:32

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	55.7	46.1	69.1

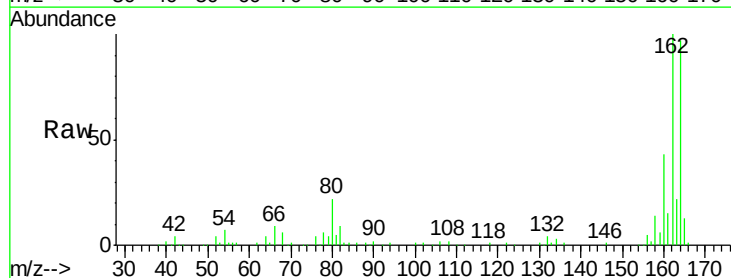


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

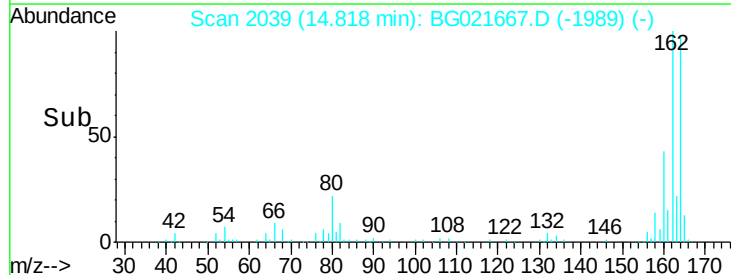
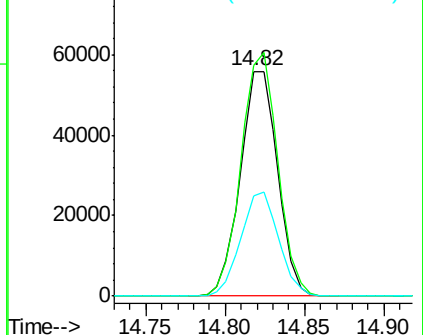


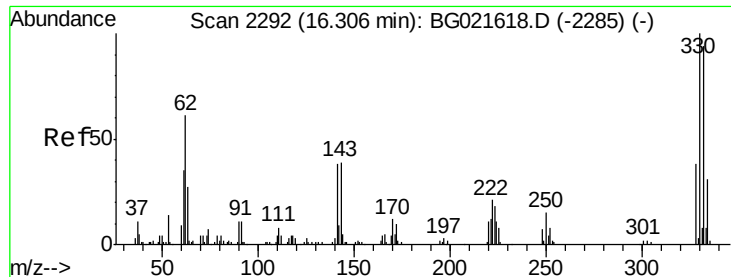
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021667.D
 Acq: 15 Apr 2016 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.0	117.0
160	44.5	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: 178.93 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

Instrument :

BNA_G

ClientSampleId :

S8-0572

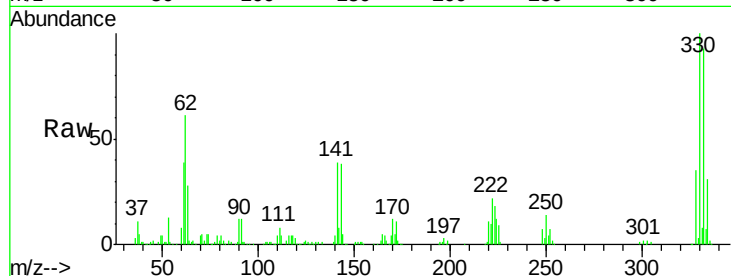
Tgt Ion:330 Resp: 176621

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

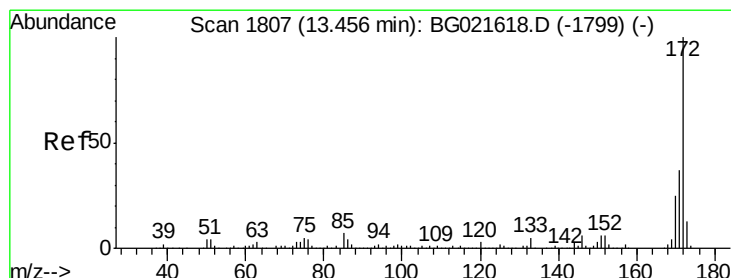
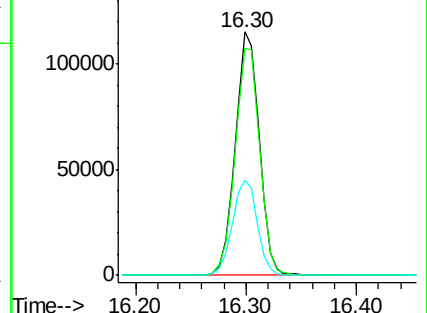
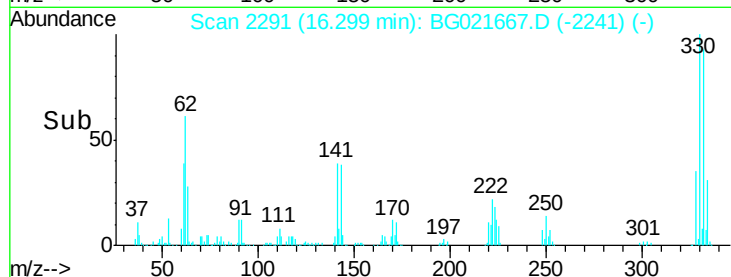
141 40.3 33.8 50.8



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: 99.32 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

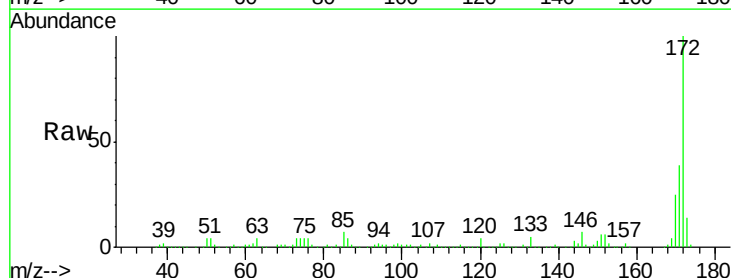
Tgt Ion:172 Resp: 620836

Ion Ratio Lower Upper

172 100

171 38.7 27.8 41.6

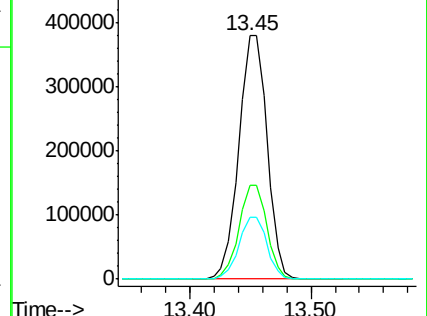
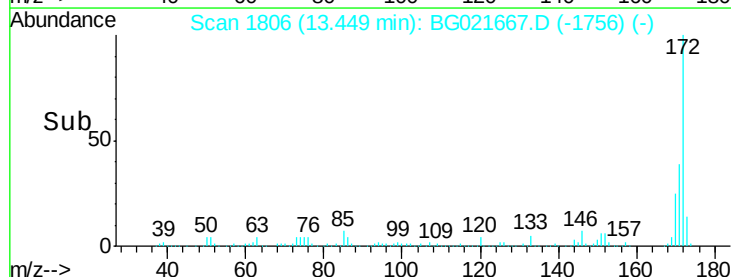
170 25.5 19.6 29.4

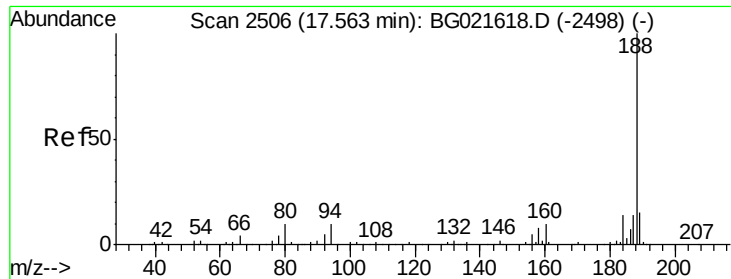


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

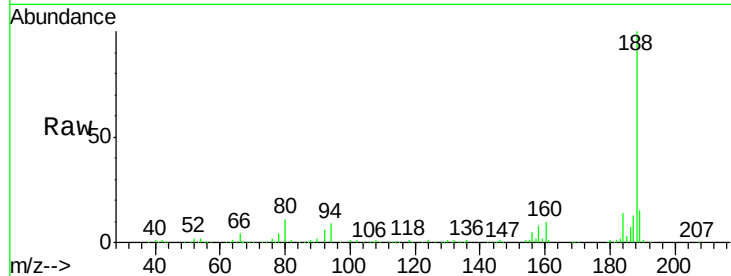




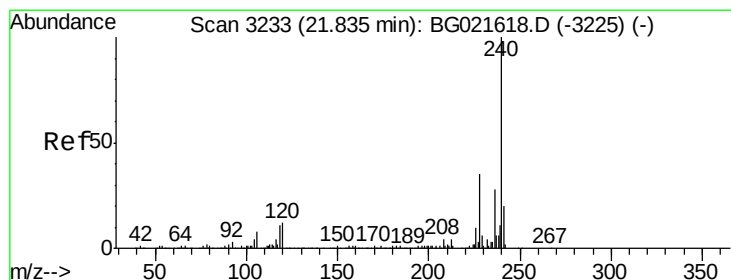
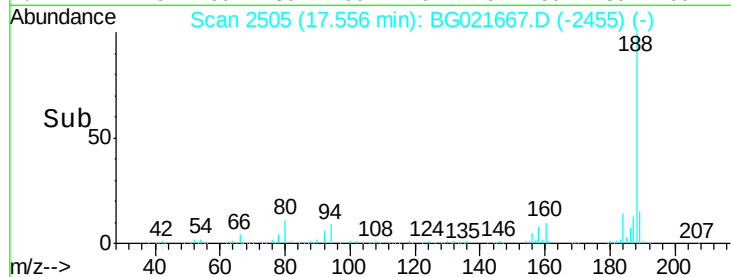
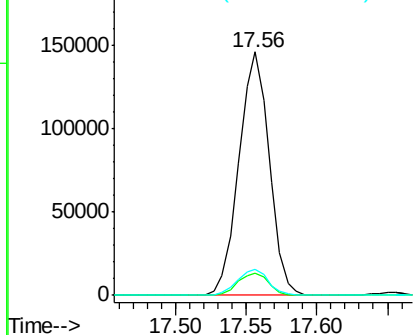
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021667.D
Acq: 15 Apr 2016 00:32

Instrument :
BNA_G
ClientSampleId :
S8-0572

Tgt Ion:188 Resp: 219990
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.9 8.6 13.0

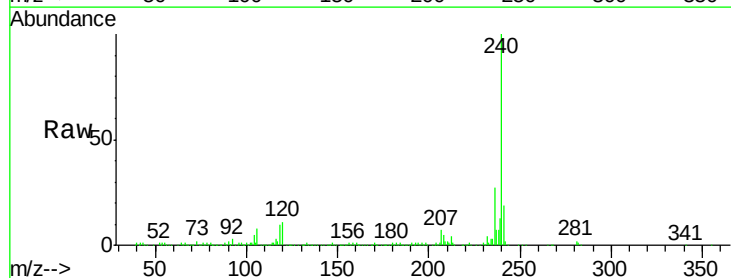


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

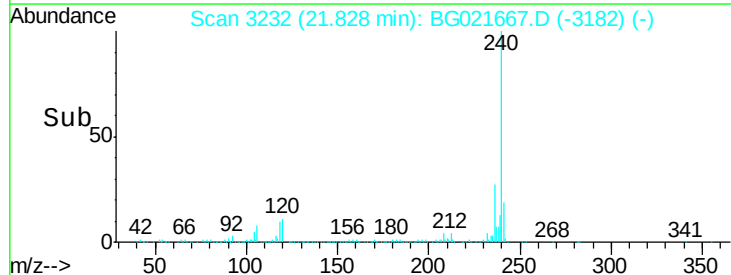
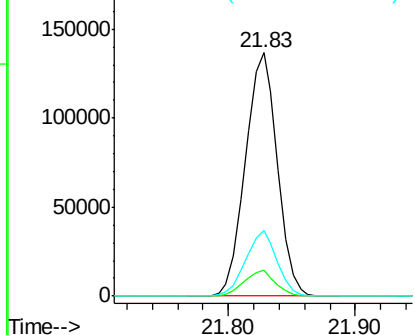


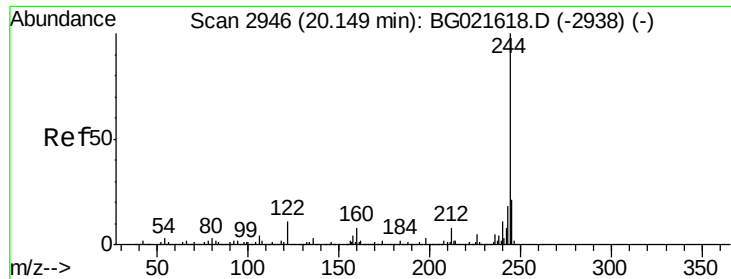
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021667.D
Acq: 15 Apr 2016 00:32

Tgt Ion:240 Resp: 238603
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 27.2 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: 94.43 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

Instrument :

BNA_G

ClientSampleId :

S8-0572

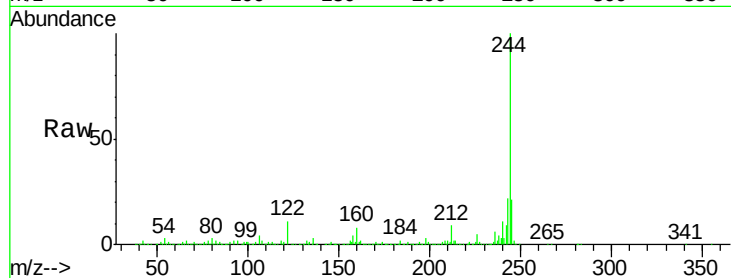
Tgt Ion:244 Resp: 902952

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

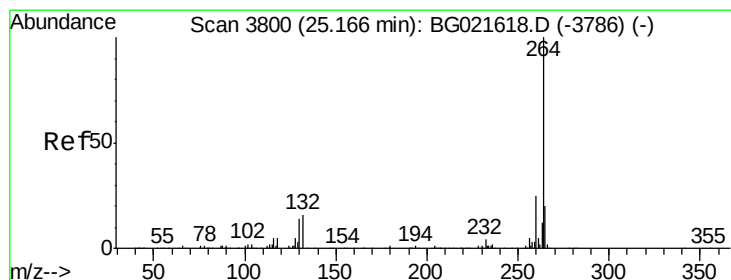
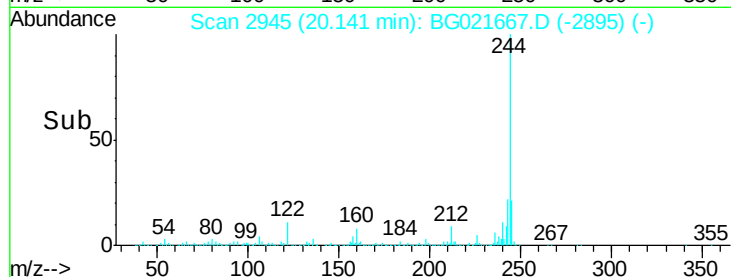
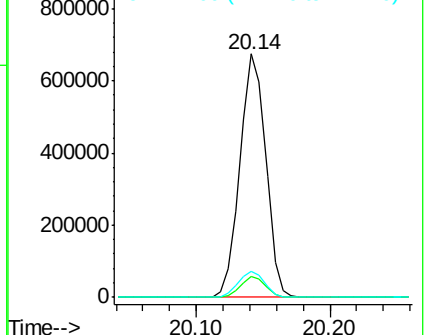
122 10.9 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021667.D

Acq: 15 Apr 2016 00:32

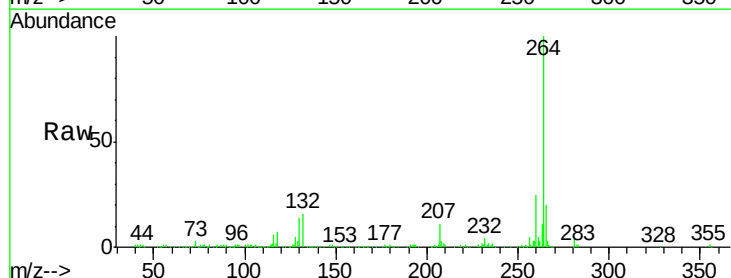
Tgt Ion:264 Resp: 231812

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.4

265 20.4 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

