

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
 Data File : BG021723.D
 Acq On : 18 Apr 2016 3:52
 Operator : UM/SJ
 Sample : H2532-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-041316

Quant Time: Apr 18 07:13:39 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	28369	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	132098	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	91963	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	212870	20.00	ng	0.00
75) Chrysene-d12	21.83	240	223778	20.00	ng	0.00
86) Perylene-d12	25.16	264	218984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	212701	124.86	ng	0.00
7) Phenol-d6	7.37	99	292459	114.93	ng	0.01
23) Nitrobenzene-d5	9.38	82	225781	87.85	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	131201	132.38	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	553055	88.11	ng	0.00
78) Terphenyl-d14	20.14	244	834546	93.06	ng	0.00

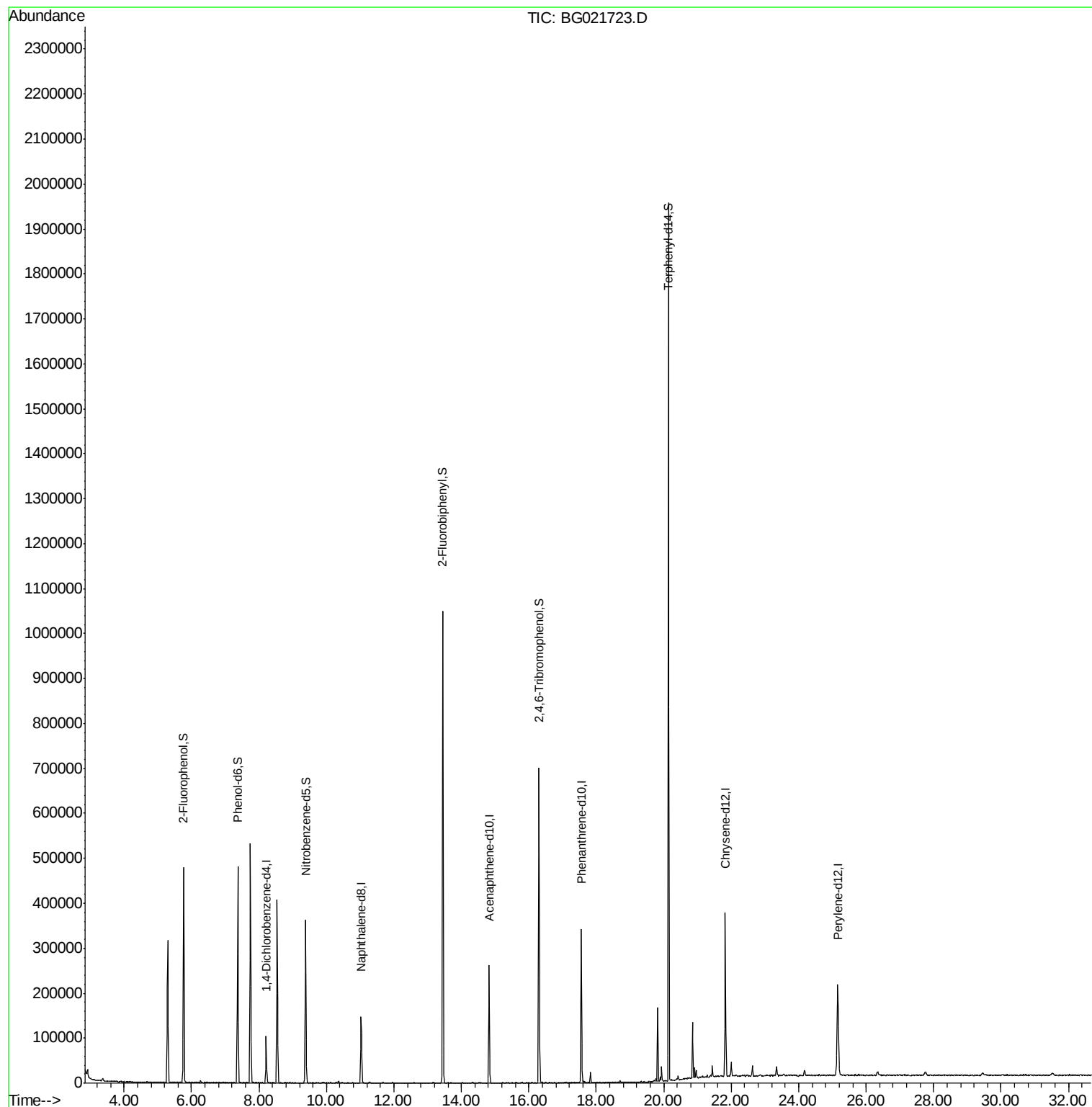
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021723.D

Acq: 18 Apr 2016 3:52

Instrument :

BNA_G

ClientSampleId :

WC-041316

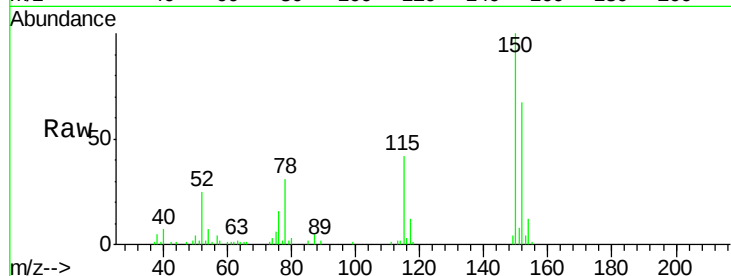
Tgt Ion:152 Resp: 28369

Ion Ratio Lower Upper

152 100

150 149.1 130.1 195.1

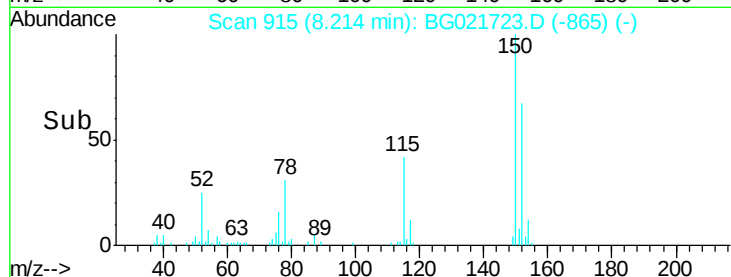
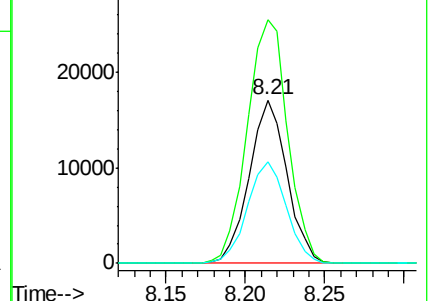
115 61.9 62.2 93.2#



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: 124.86 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021723.D

Acq: 18 Apr 2016 3:52

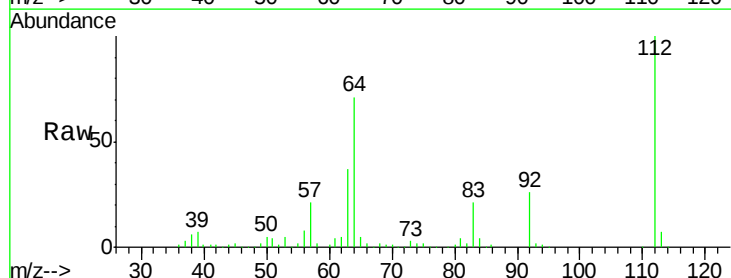
Tgt Ion:112 Resp: 212701

Ion Ratio Lower Upper

112 100

64 70.7 51.1 76.7

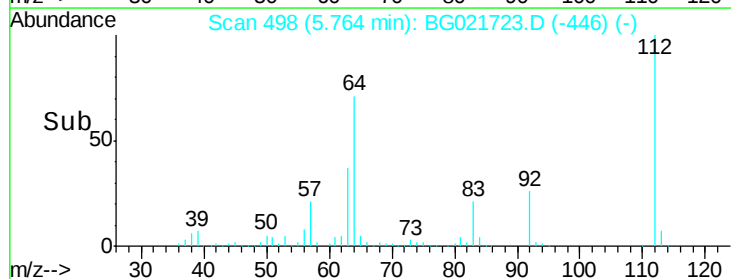
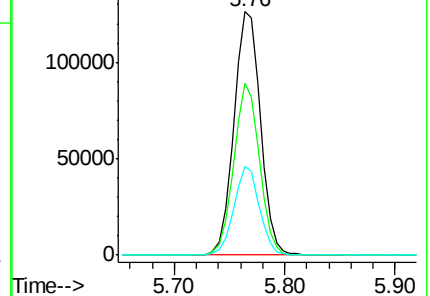
63 36.6 24.6 37.0

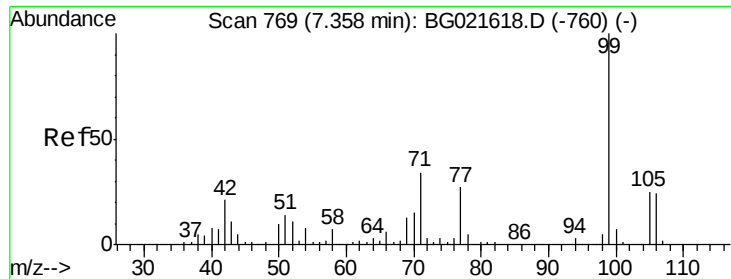


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.93 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021723.D

Acq: 18 Apr 2016 3:52

Instrument :

BNA_G

ClientSampleId :

WC-041316

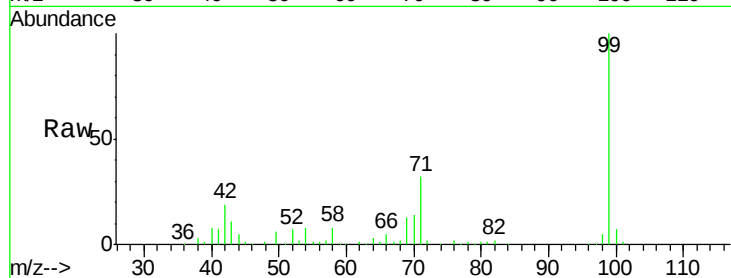
Tgt Ion: 99 Resp: 292459

Ion Ratio Lower Upper

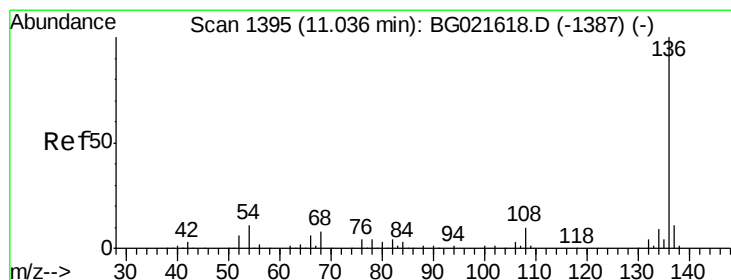
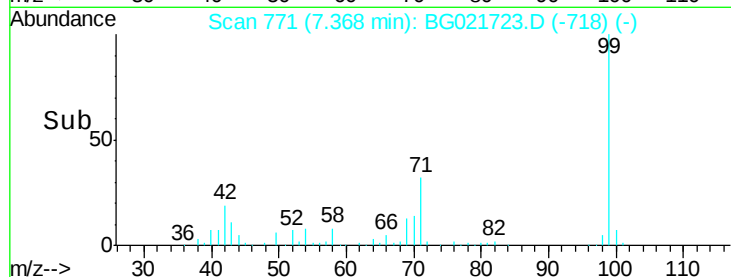
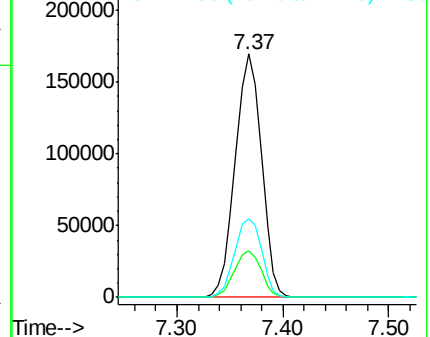
99 100

42 19.2 16.4 24.6

71 32.1 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: BG021723.D

Acq: 18 Apr 2016 3:52

Tgt Ion: 136 Resp: 132098

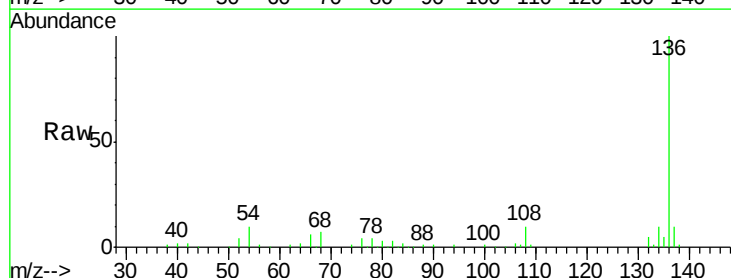
Ion Ratio Lower Upper

136 100

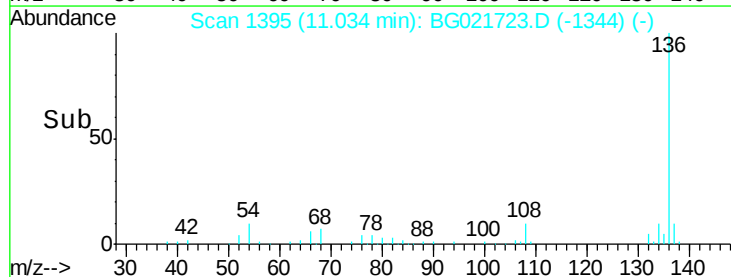
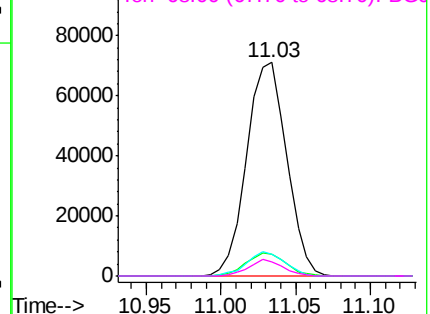
137 10.3 9.0 13.4

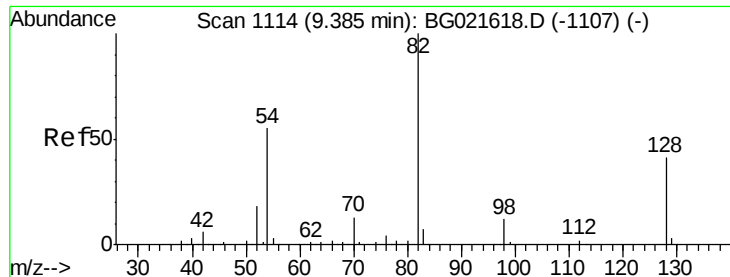
54 10.5 9.6 14.4

68 6.5 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

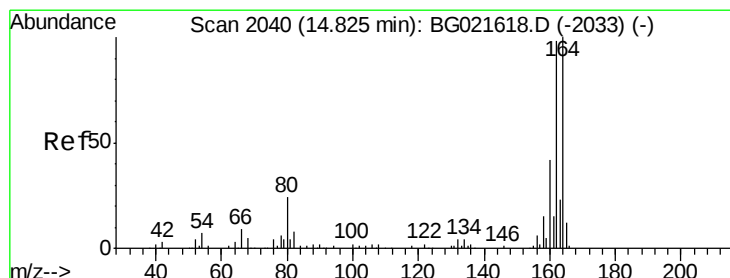
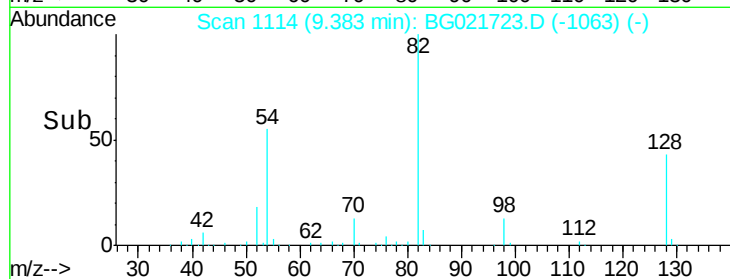
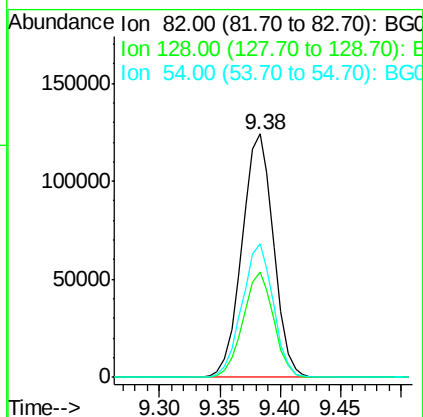
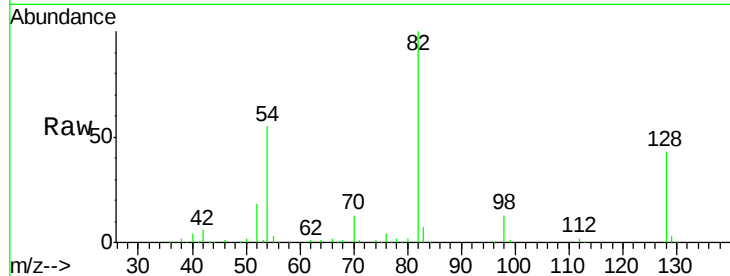




#23
 Nitrobenzene-d5
 Concen: 87.85 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021723.D
 Acq: 18 Apr 2016 3:52

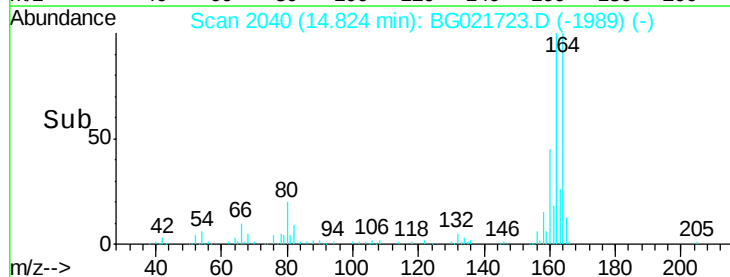
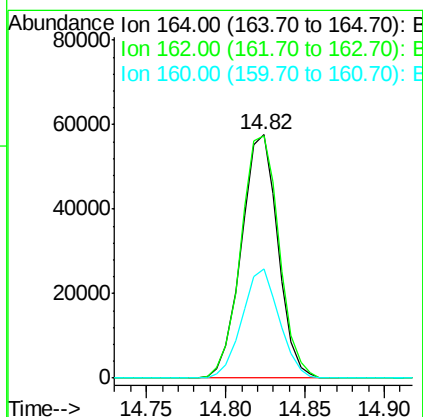
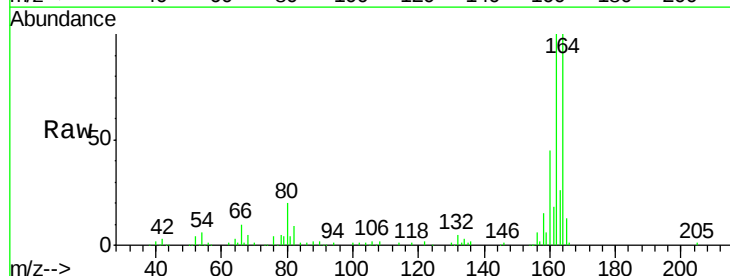
Instrument :
 BNA_G
 ClientSampleId :
 WC-041316

Tgt Ion: 82 Resp: 225781
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.4 50.0
 54 54.7 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: BG021723.D
 Acq: 18 Apr 2016 3:52

Tgt Ion: 164 Resp: 91963
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.0 117.0
 160 44.8 32.9 49.3

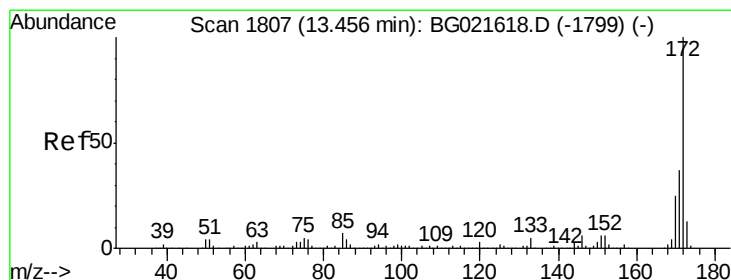
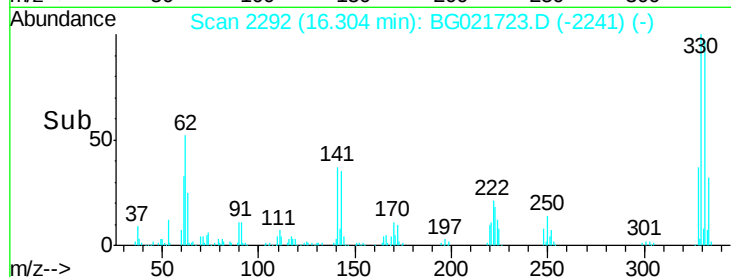
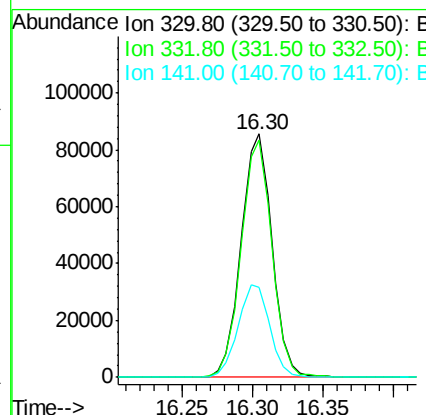
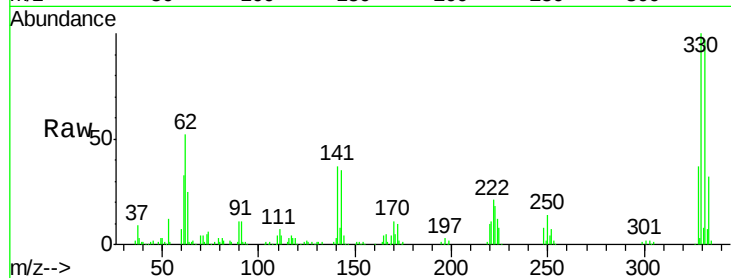




#41
 2,4,6-Tribromophenol
 Concen: 132.38 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021723.D
 Acq: 18 Apr 2016 3:52

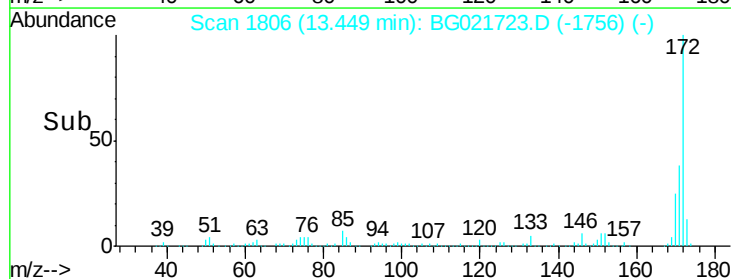
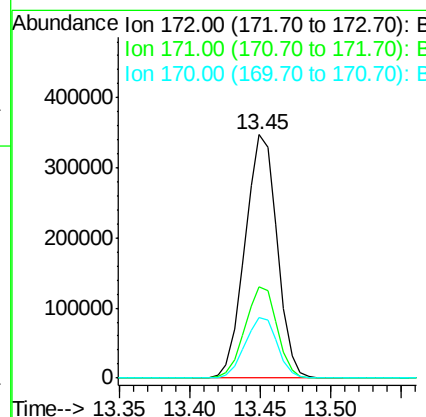
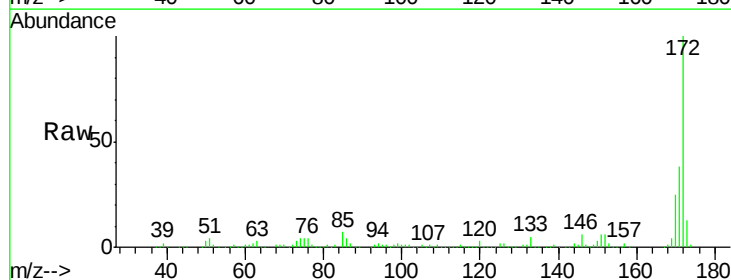
Instrument :
 BNA_G
 ClientSampled :
 WC-041316

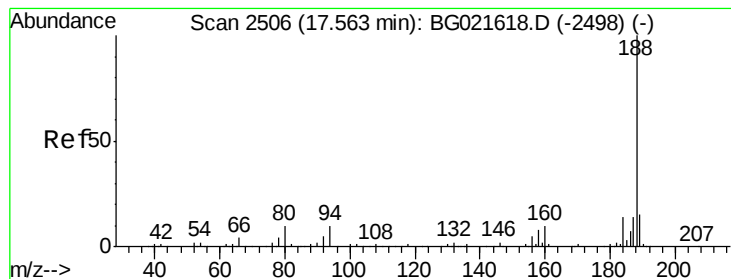
Tgt Ion:330 Resp: 131201
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.0 117.0
 141 38.9 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 88.11 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021723.D
 Acq: 18 Apr 2016 3:52

Tgt Ion:172 Resp: 553055
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.8 41.6
 170 25.0 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021723.D

Acq: 18 Apr 2016 3:52

Instrument :

BNA_G

ClientSampleId :

WC-041316

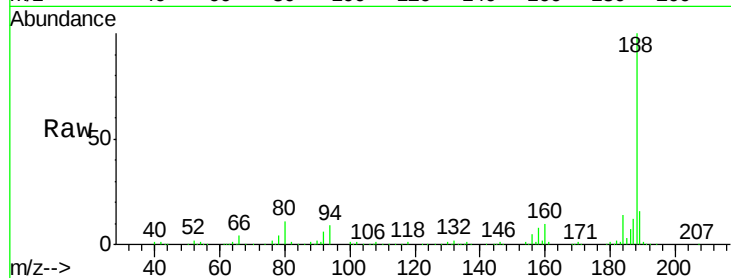
Tgt Ion:188 Resp: 212870

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

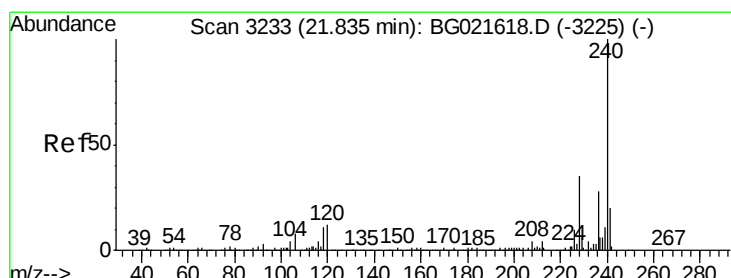
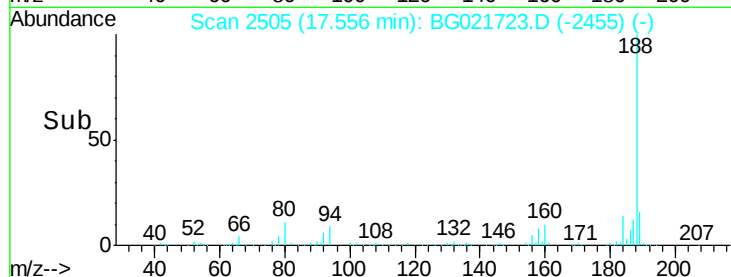
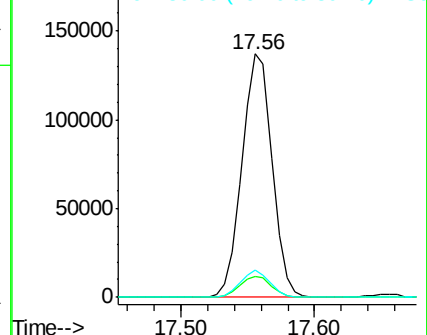
80 11.0 8.6 13.0



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: BG021723.D

Acq: 18 Apr 2016 3:52

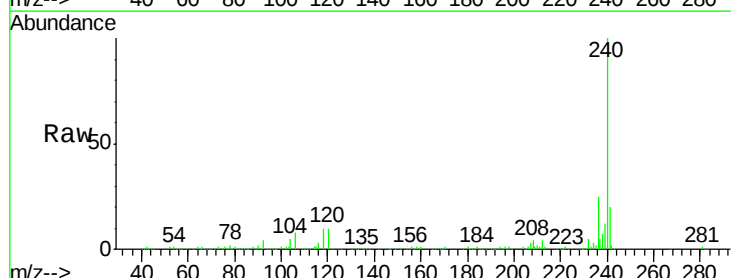
Tgt Ion:240 Resp: 223778

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

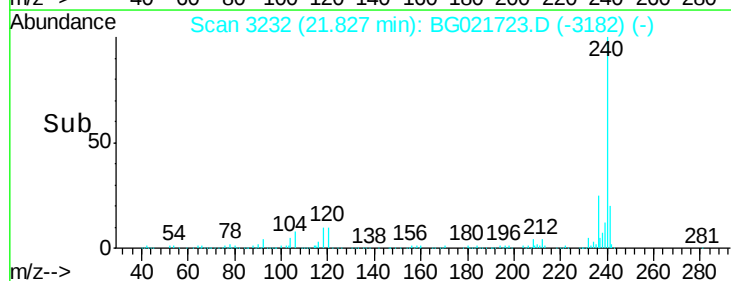
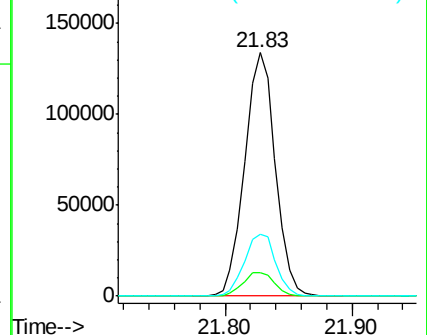
236 25.5 19.6 29.4

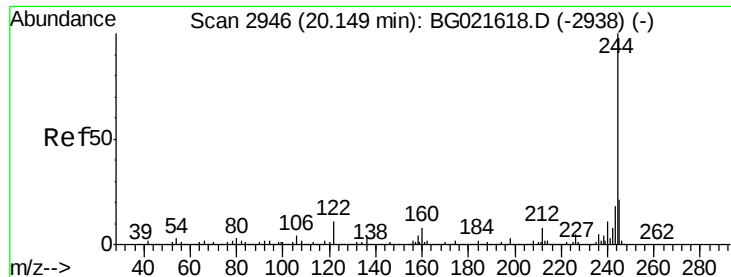


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.06 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021723.D

Acq: 18 Apr 2016 3:52

Instrument :

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WC-041316

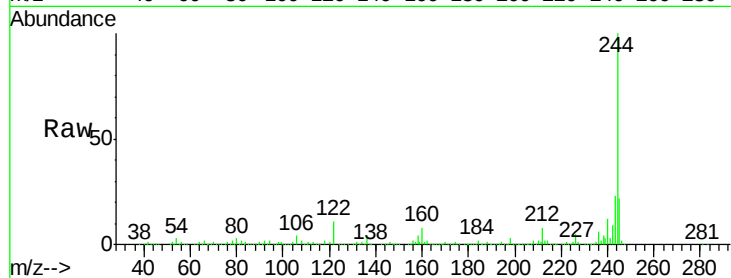
Tgt Ion:244 Resp: 834546

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

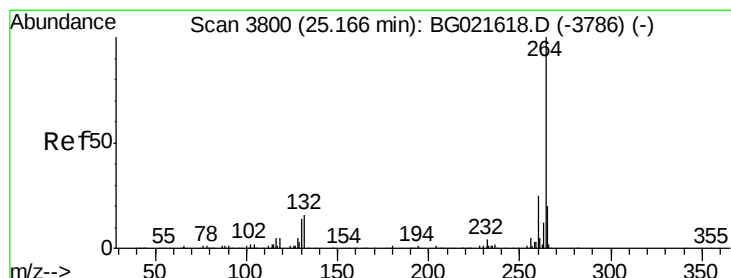
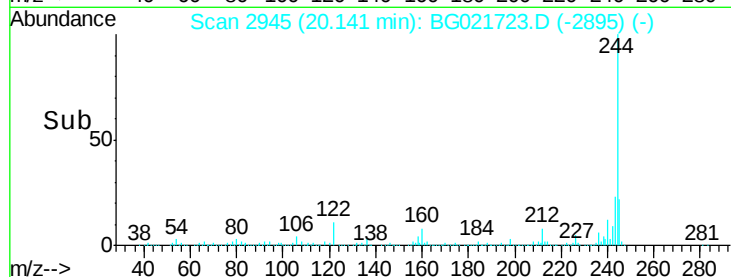
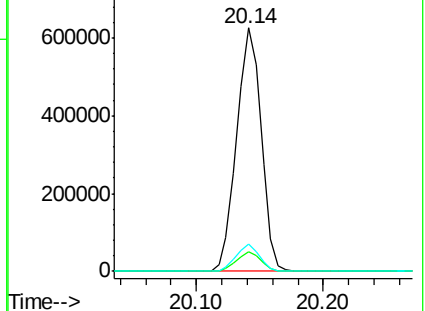
122 11.2 8.6 12.8



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# 3799

Delta R.T. -0.01 min

Lab File: BG021723.D

Acq: 18 Apr 2016 3:52

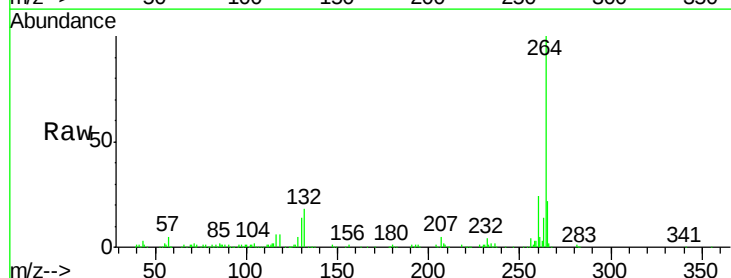
Tgt Ion:264 Resp: 218984

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 22.4 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

