

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017041.D
 Acq On : 11 May 2015 1:55
 Operator : TP/IZ
 Sample : G2109-07
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Quant Time: May 19 07:55:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

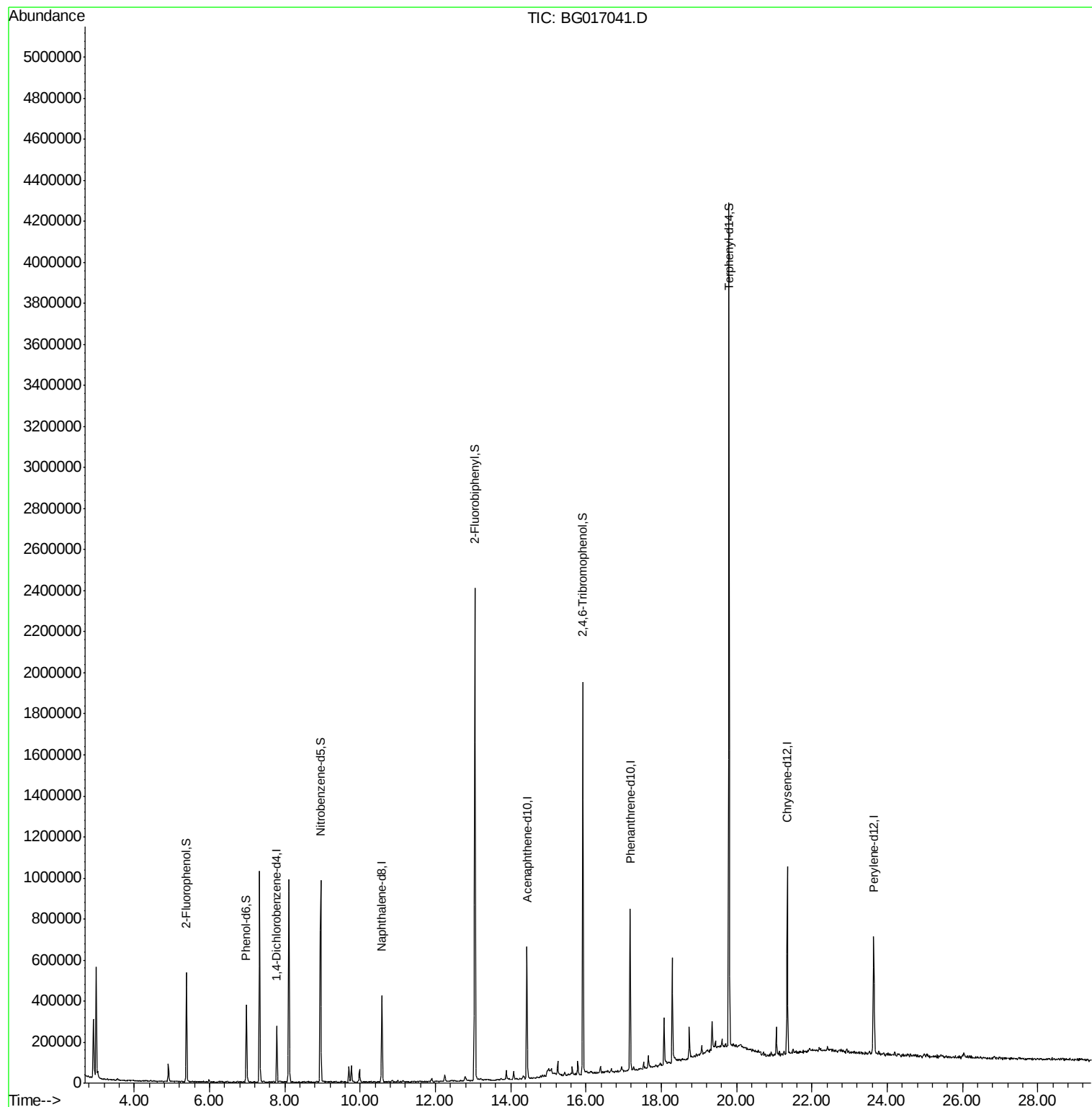
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63997	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	303820	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	205130	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	434820	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	417246	20.00	ng	-0.02
86) Perylene-d12	23.65	264	407049	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	187036	50.89	ng	0.00
7) Phenol-d6	6.98	99	176412	33.60	ng	0.00
23) Nitrobenzene-d5	8.95	82	524486	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	272062	132.11	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1127376	82.93	ng	-0.02
78) Terphenyl-d14	19.80	244	1520925	85.45	ng	-0.02
Target Compounds						
32) Benzoic acid	9.81	122	90	Below Cal	Qvalue #	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

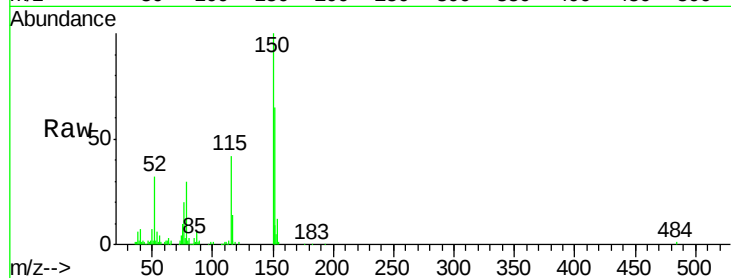
Tgt Ion:152 Resp: 63997

Ion Ratio Lower Upper

152 100

150 154.6 121.0 181.4

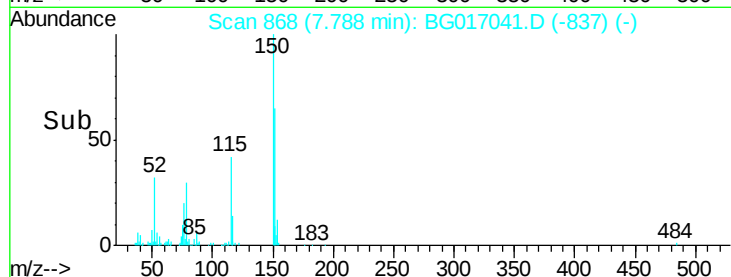
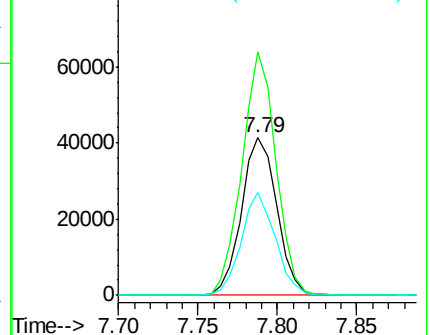
115 65.0 50.5 75.7



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: 50.89 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

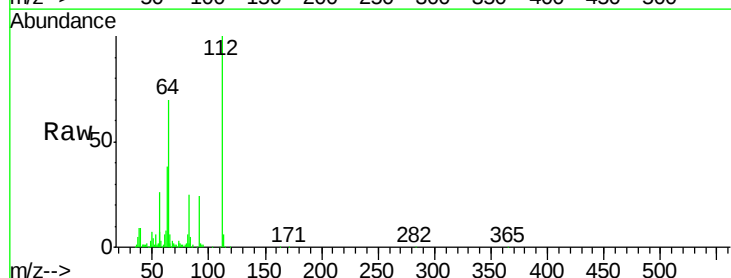
Tgt Ion:112 Resp: 187036

Ion Ratio Lower Upper

112 100

64 69.5 51.4 77.2

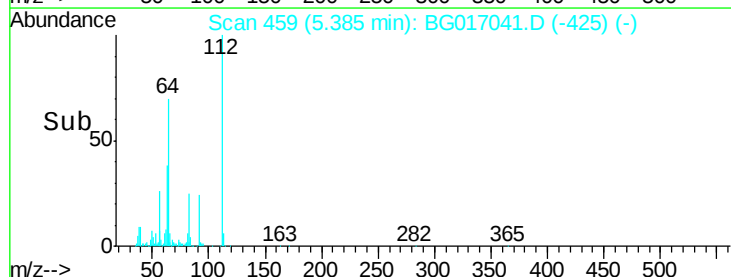
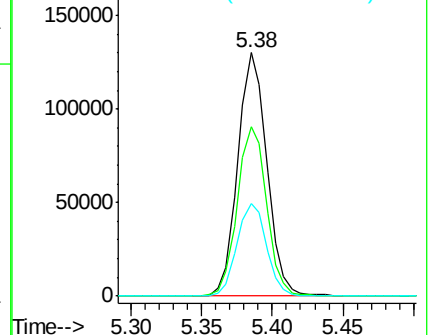
63 38.0 28.1 42.1

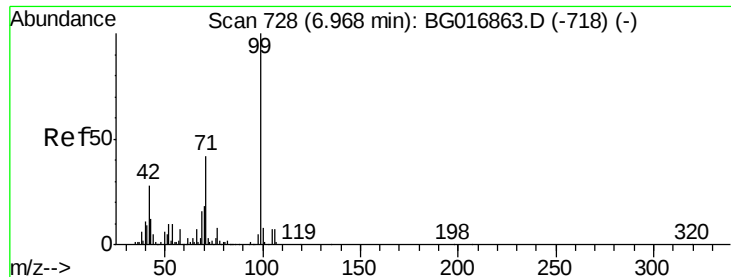


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.60 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

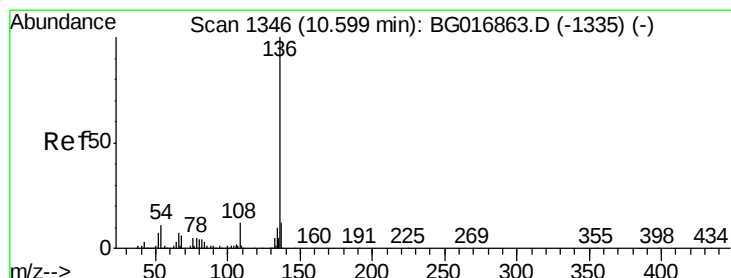
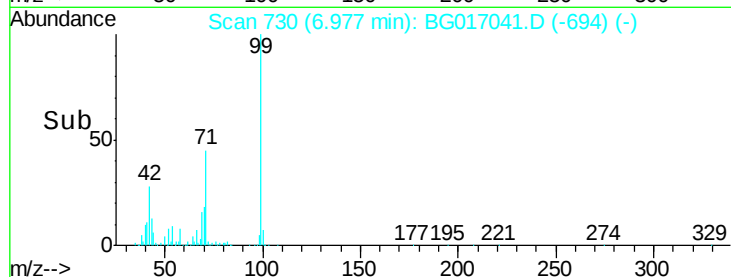
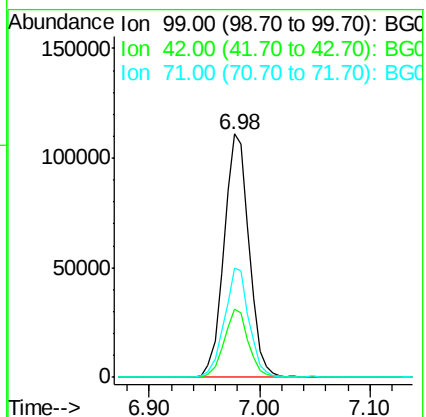
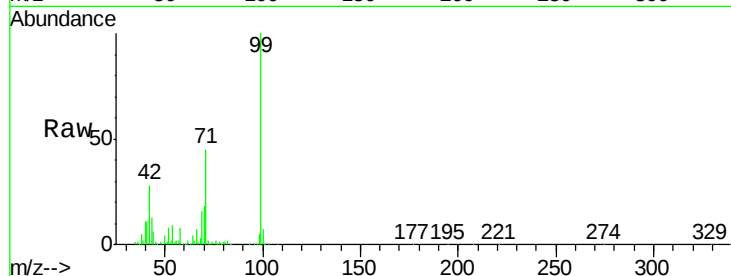
Tgt Ion: 99 Resp: 176412

Ion Ratio Lower Upper

99 100

42 28.0 22.1 33.1

71 44.6 33.4 50.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Tgt Ion: 136 Resp: 303820

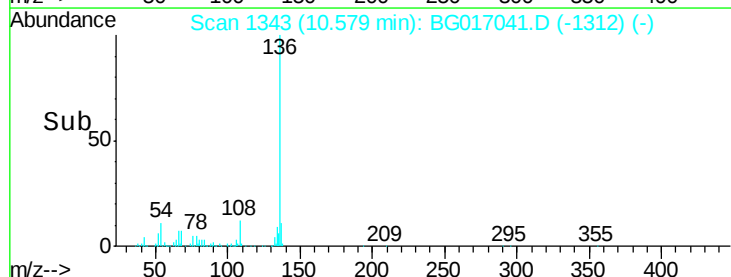
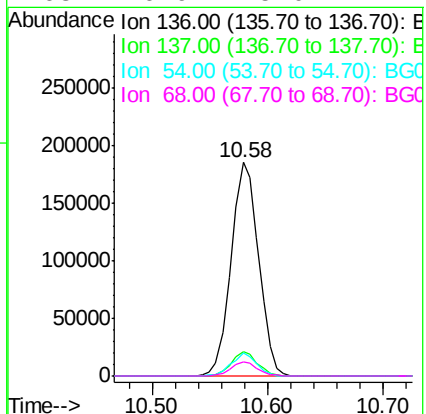
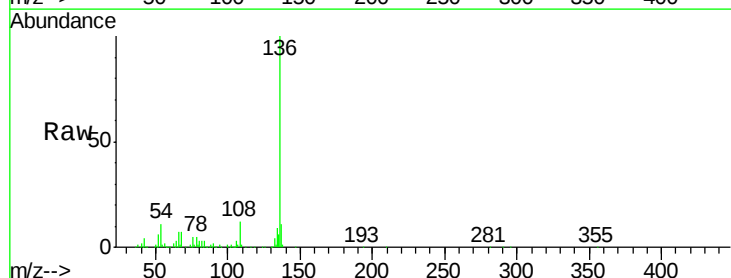
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 11.0 8.7 13.1

68 6.9 5.0 7.4

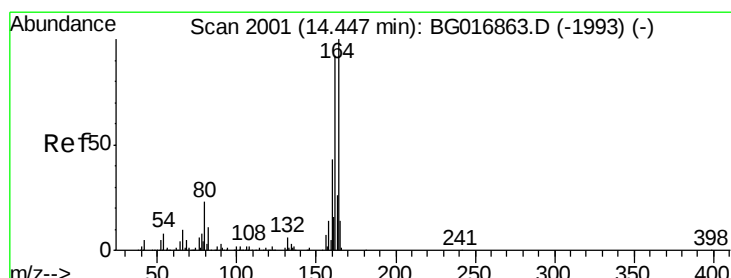
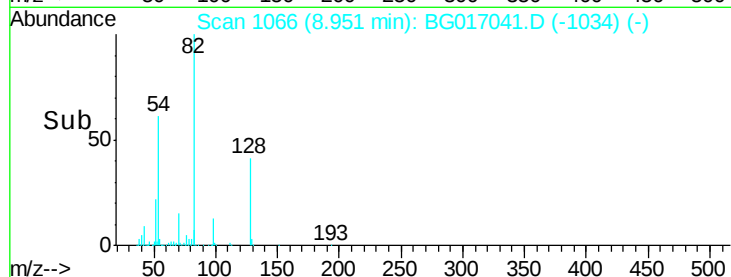
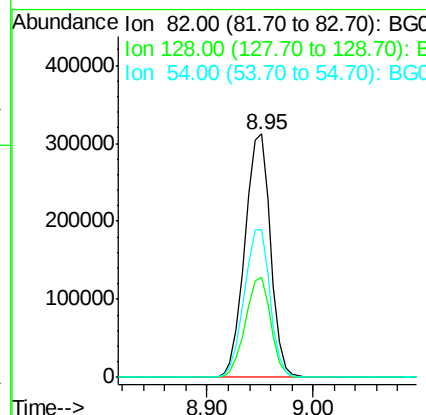
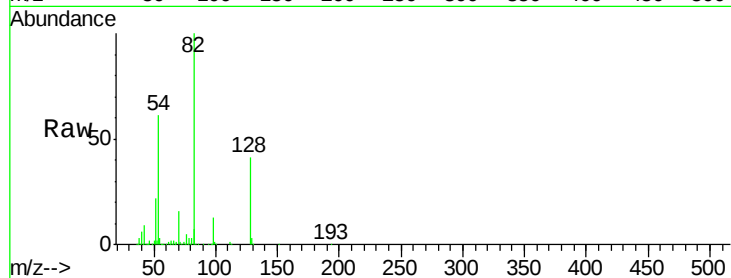




#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

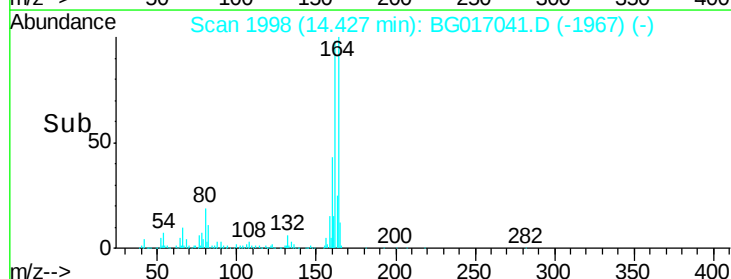
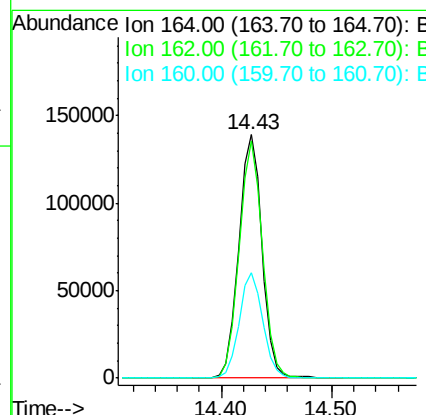
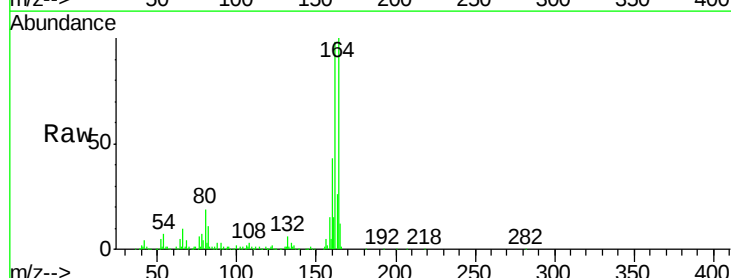
Instrument :
 BNA_G
 ClientSampleId :
 W-32

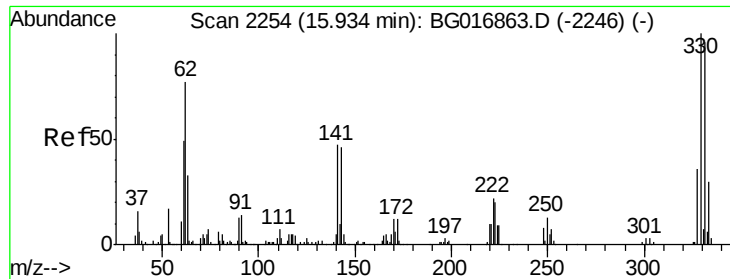
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.2	49.8
54	60.5	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	74.0	111.0
160	43.3	34.7	52.1

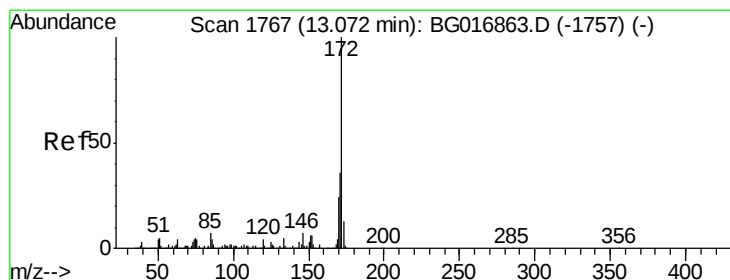
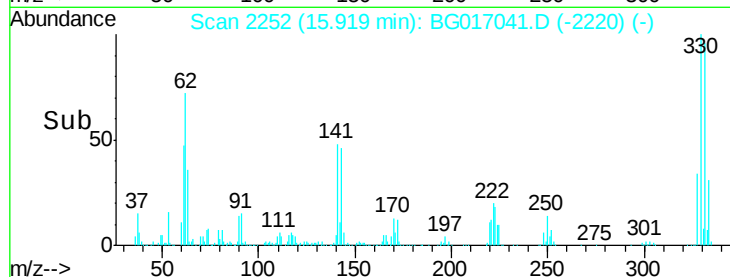
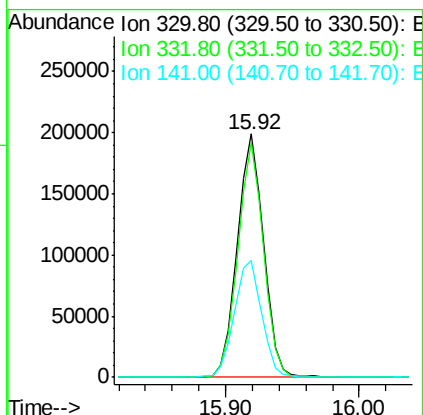
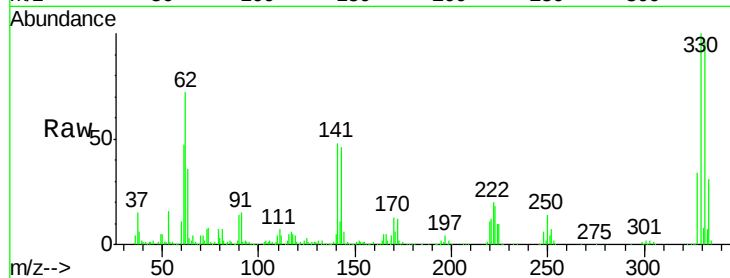




#41
 2,4,6-Tribromophenol
 Concen: 132.11 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

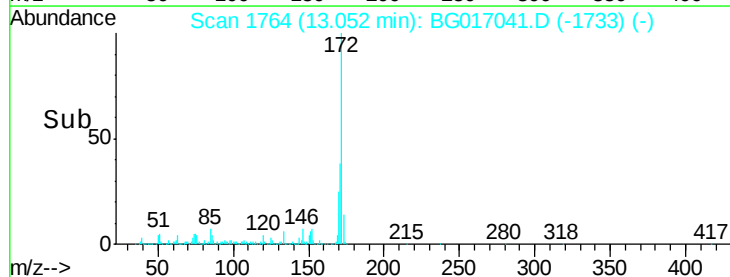
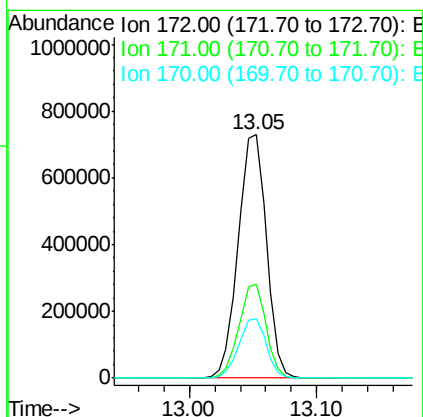
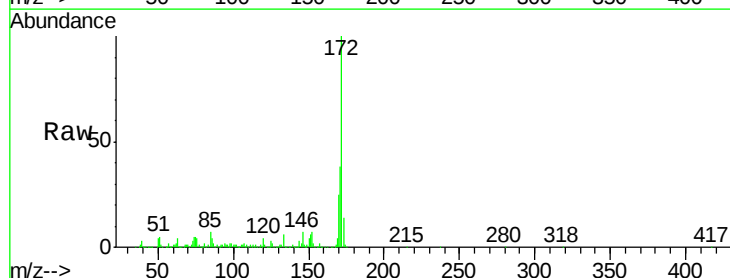
Instrument :
 BNA_G
 ClientSampled :
 W-32

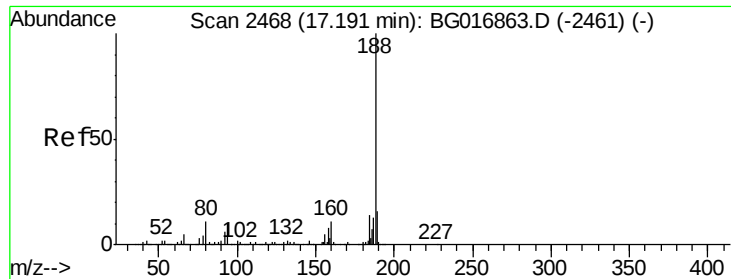
Tgt Ion:330 Resp: 272062
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 50.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.93 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Tgt Ion:172 Resp: 1127376
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.0 43.4
 170 24.5 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

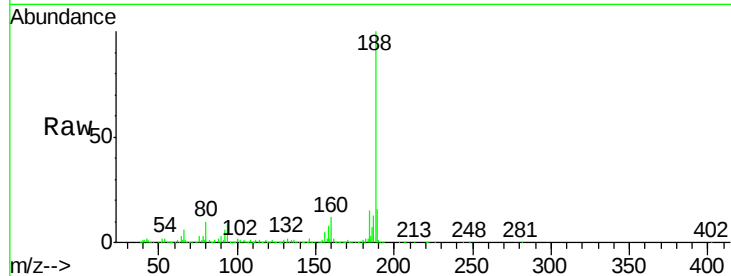
Tgt Ion:188 Resp: 434820

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 10.3 8.8 13.2



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

400000

300000

200000

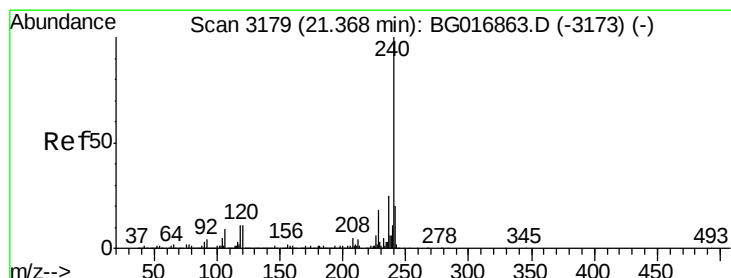
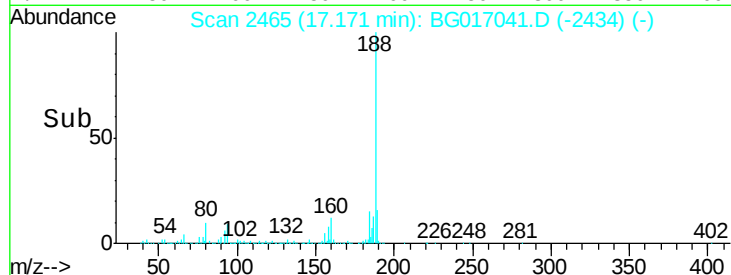
100000

0

17.10 17.15 17.20 17.25

17.17

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

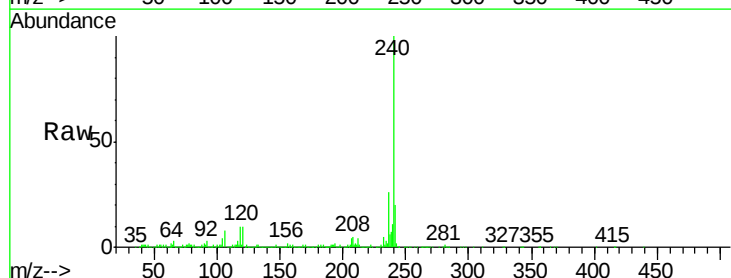
Tgt Ion:240 Resp: 417246

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

236 26.1 20.2 30.4



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

400000

300000

200000

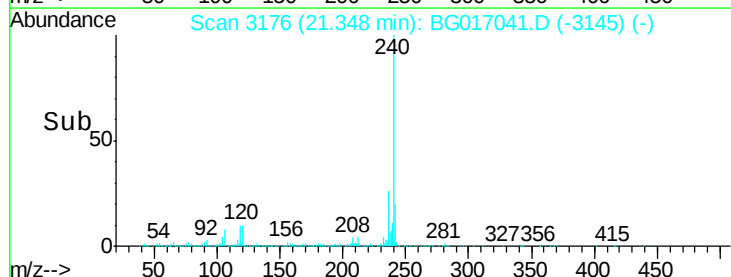
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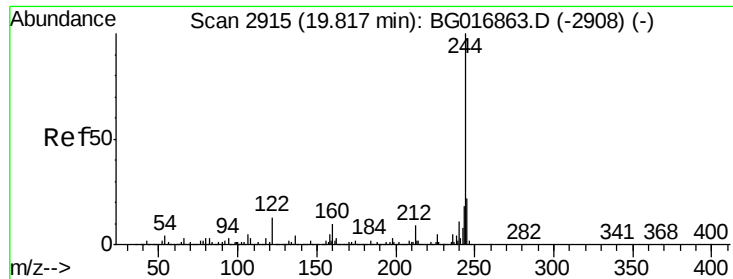
0

21.30 21.35 21.40

21.35

Time-->

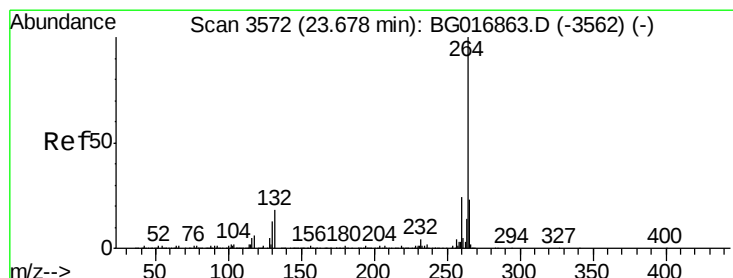
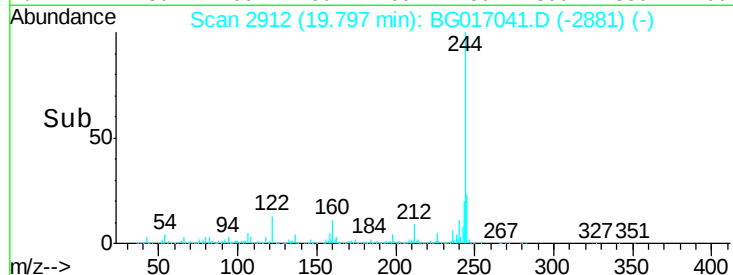
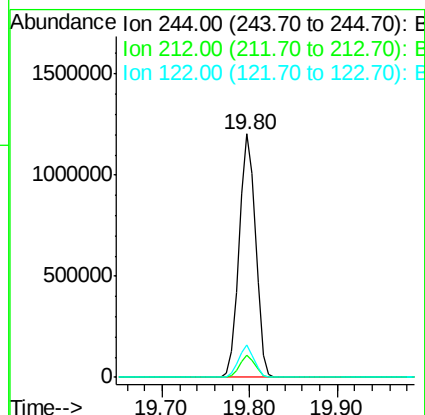
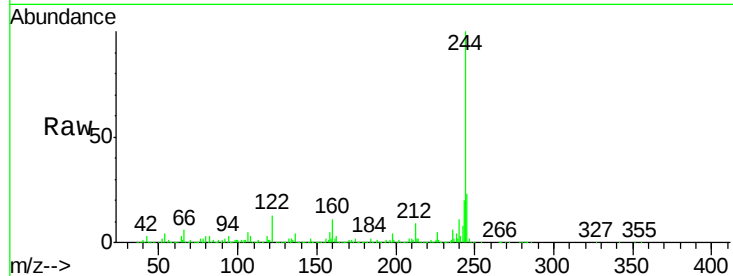




#78
 Terphenyl-d14
 Concen: 85.45 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Tgt Ion:244 Resp: 1520925
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.6
 122 13.2 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Tgt Ion:264 Resp: 407049
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.5 29.3
 265 23.7 18.5 27.7

