

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017192.D
 Acq On : 16 May 2015 2:02
 Operator : TP/IZ
 Sample : G2251-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11-D1

Quant Time: May 16 04:30:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:58:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	38927	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	174985	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	116692	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	282710	20.00	ng	0.00
75) Chrysene-d12	21.29	240	272822	20.00	ng	0.00
86) Perylene-d12	23.55	264	245327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	310983	141.74	ng	0.00
7) Phenol-d6	6.91	99	392993	127.64	ng	0.00
23) Nitrobenzene-d5	8.86	82	314686	83.96	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	200271	141.97	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	679757	85.48	ng	0.00
78) Terphenyl-d14	19.74	244	1120365	85.58	ng	0.00

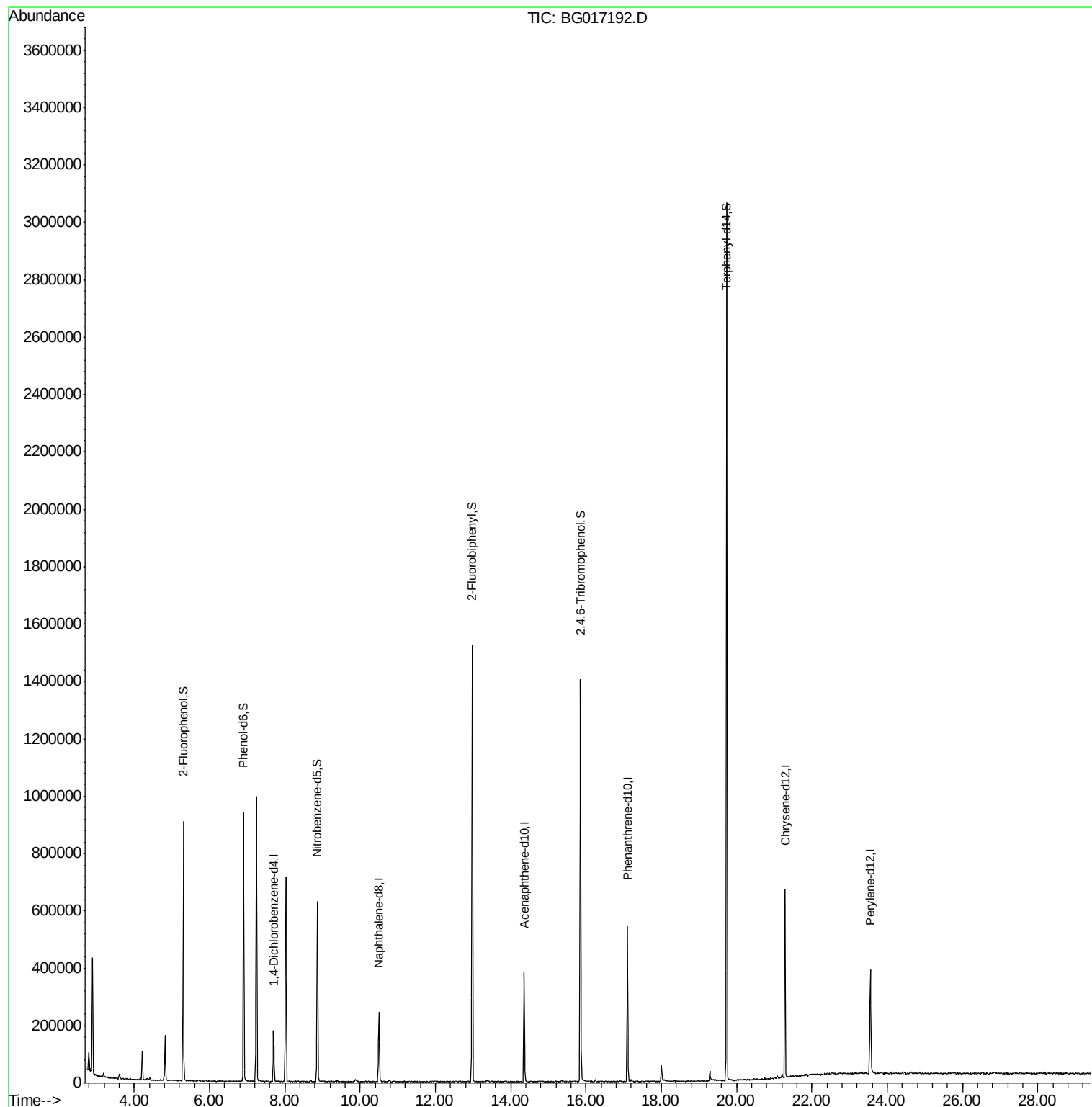
Target Compounds	Qvalue
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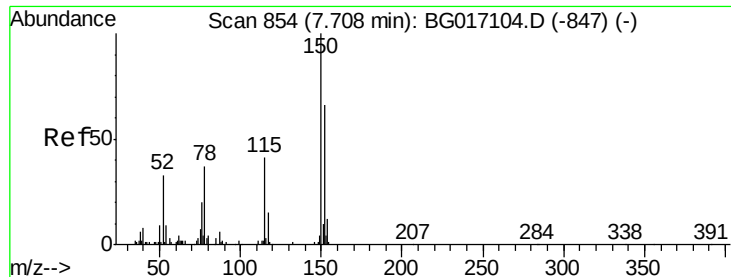
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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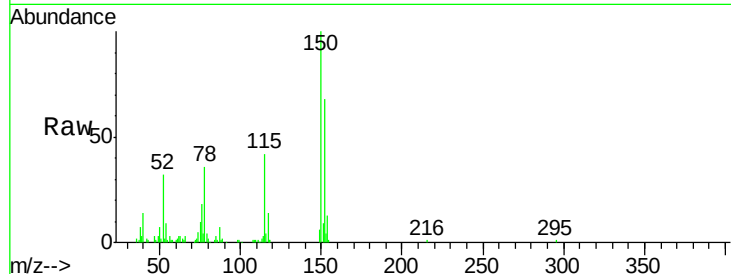


#1

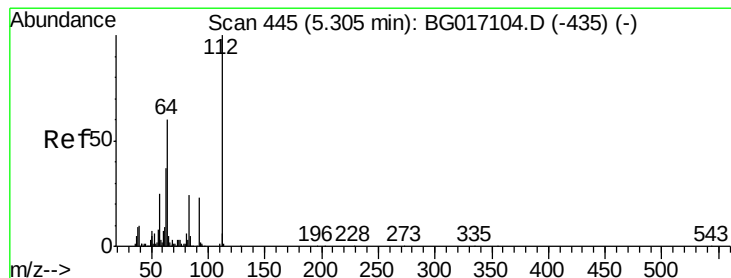
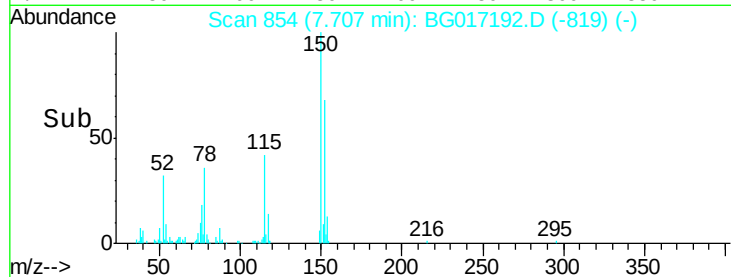
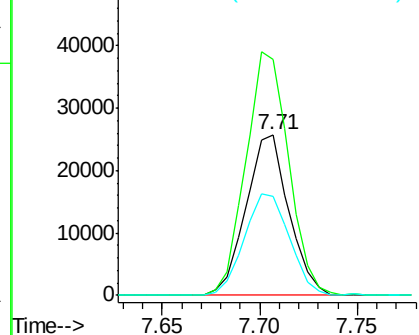
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.01 min
Lab File: BG017192.D
Acq: 16 May 2015 2:02

Instrument :
BNA_G
ClientSampled :
WC-11-D1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.2	120.8	181.2
115	61.5	49.4	74.2



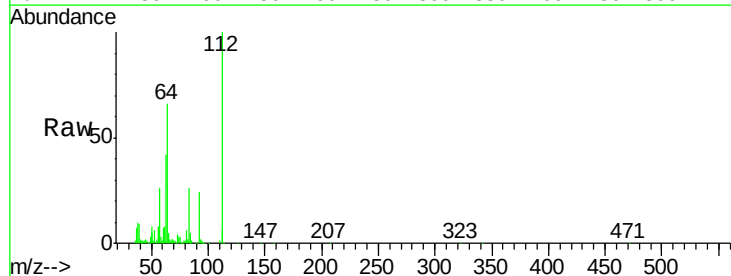
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



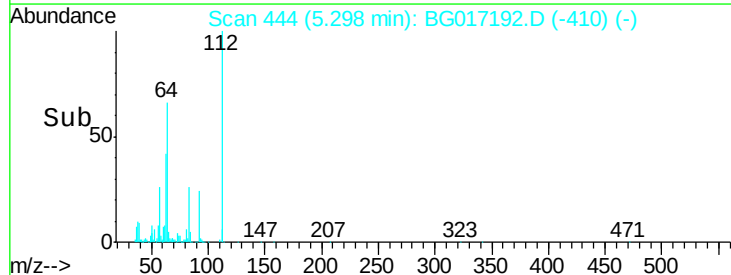
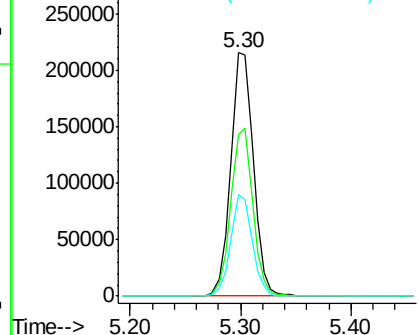
#5

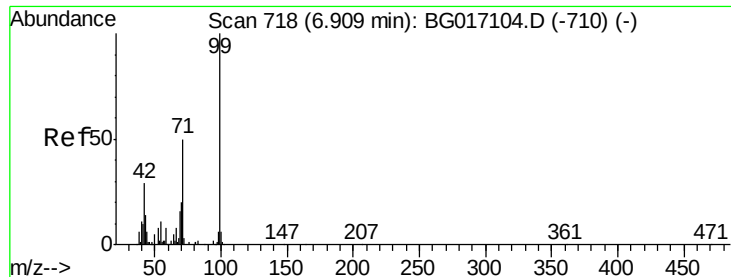
2-Fluorophenol
Concen: 141.74 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG017192.D
Acq: 16 May 2015 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	48.1	72.1
63	41.8	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG017192.D (-410) (-)
Ion 63.00 (62.70 to 63.70): BG017192.D (-410) (-)





#7

Phenol-d6

Concen: 127.64 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

Instrument :

BNA_G

ClientSampleId :

WC-11-D1

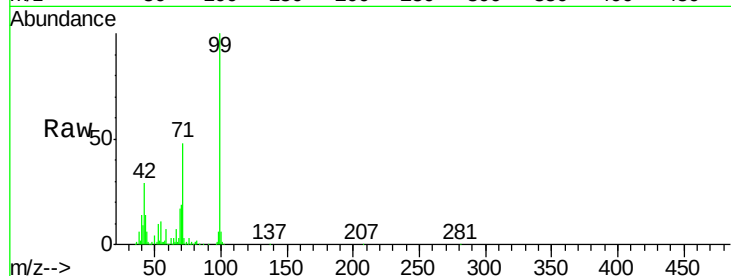
Tgt Ion: 99 Resp: 392993

Ion Ratio Lower Upper

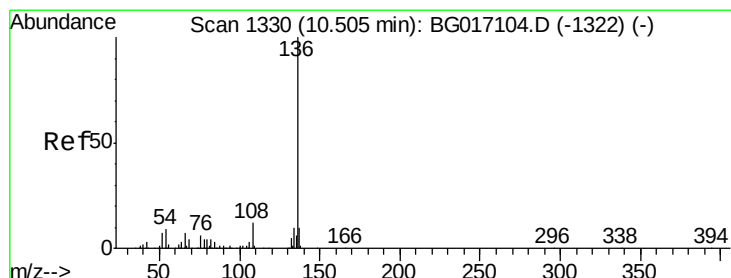
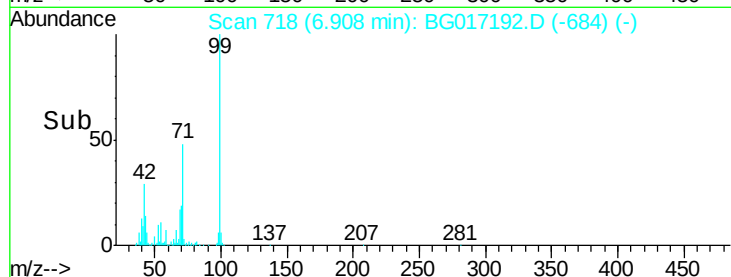
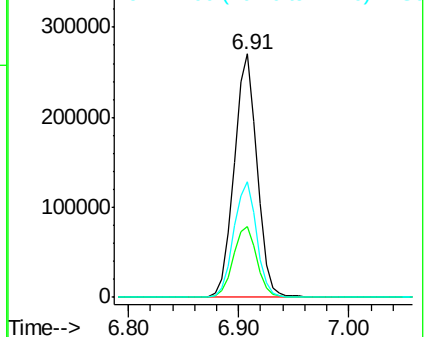
99 100

42 29.1 23.5 35.3

71 47.7 39.8 59.8



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: 10.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

Tgt Ion: 136 Resp: 174985

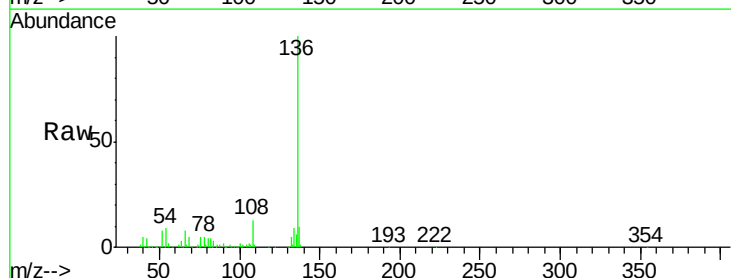
Ion Ratio Lower Upper

136 100

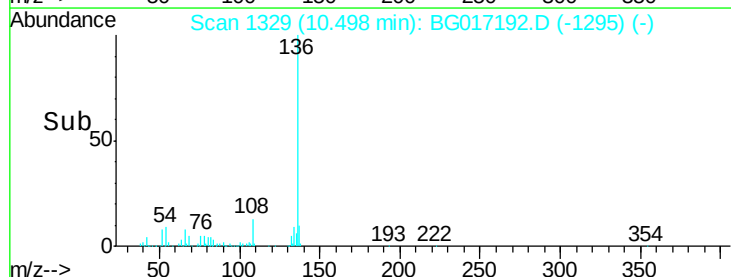
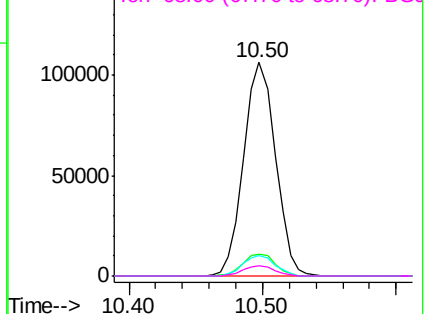
137 10.4 8.3 12.5

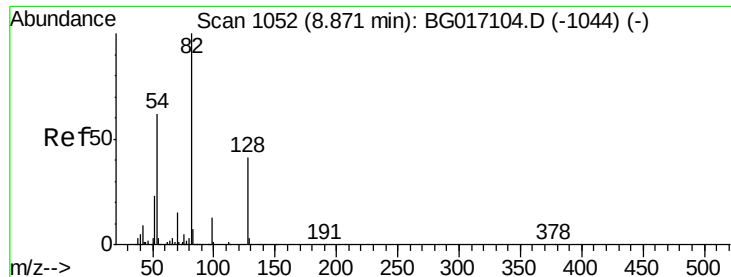
54 9.5 7.4 11.2

68 4.7 3.6 5.4



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: 83.96 ng

RT: 8.86 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

Instrument :

BNA_G

ClientSampleId :

WC-11-D1

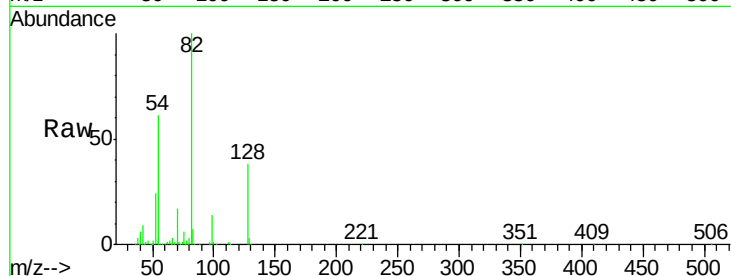
Tgt Ion: 82 Resp: 314686

Ion Ratio Lower Upper

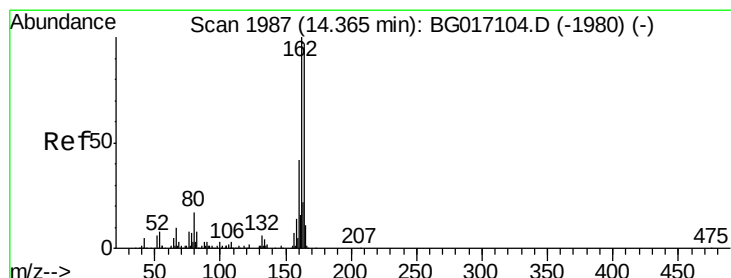
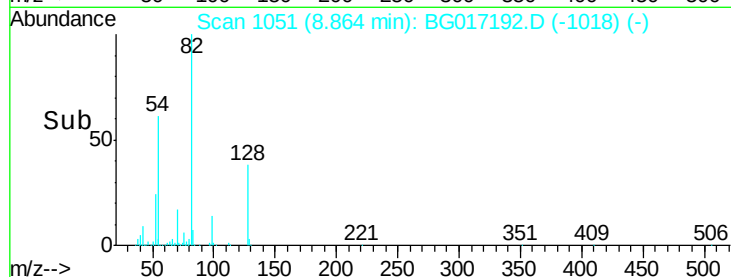
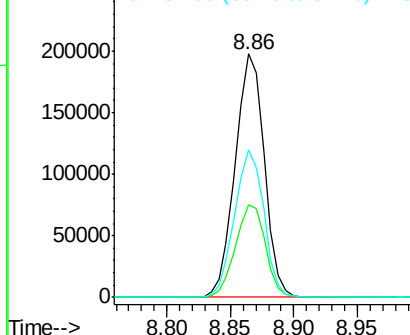
82 100

128 38.2 32.6 49.0

54 60.6 49.6 74.4



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: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

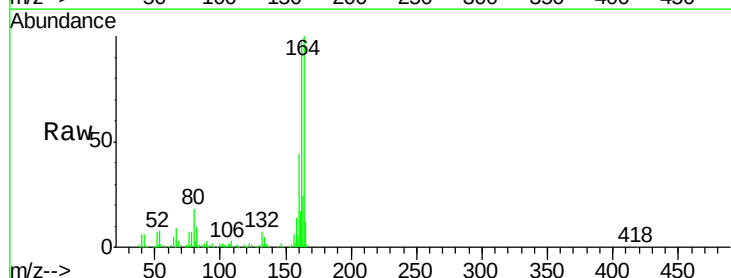
Tgt Ion: 164 Resp: 116692

Ion Ratio Lower Upper

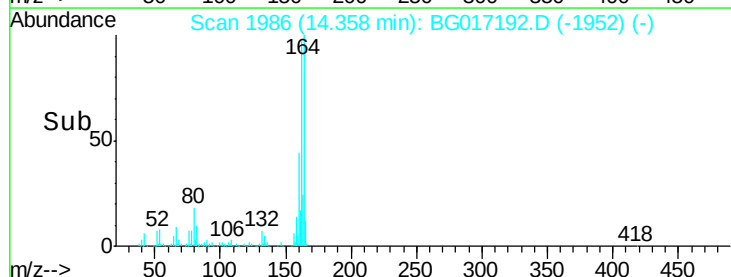
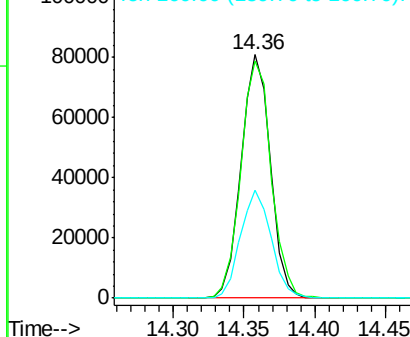
164 100

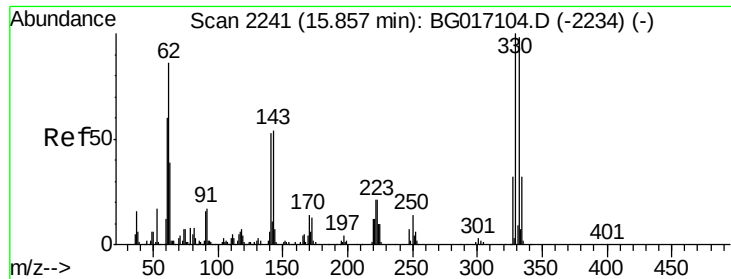
162 97.3 82.1 123.1

160 44.1 34.8 52.2



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

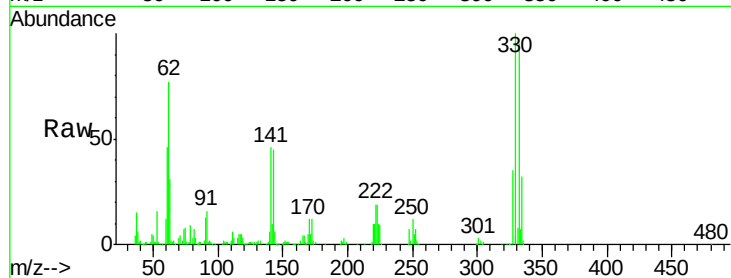




#41
 2,4,6-Tribromophenol
 Concen: 141.97 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017192.D
 Acq: 16 May 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 WC-11-D1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	52.8	42.2	63.2

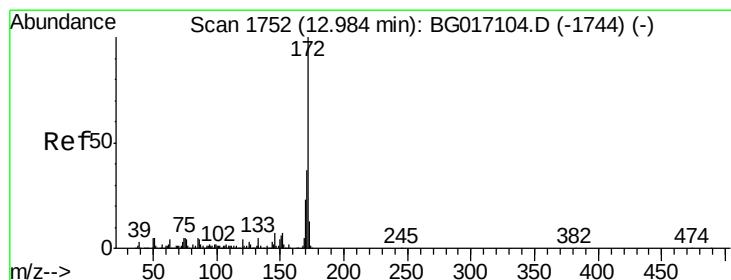
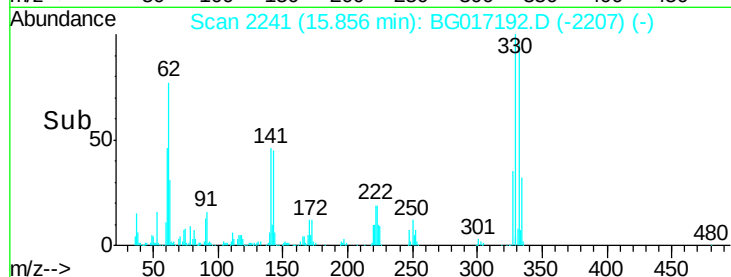
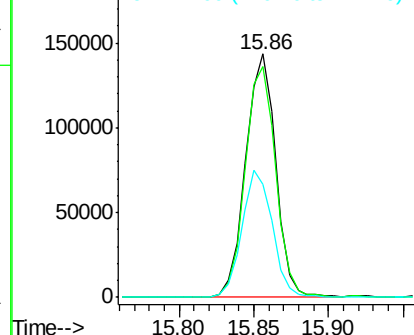


Abundance

Ion 329.80 (329.50 to 330.50): E

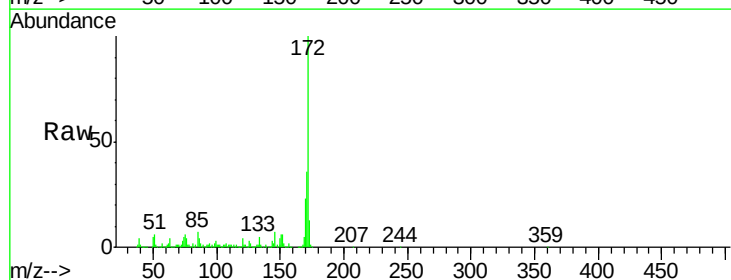
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.48 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG017192.D
 Acq: 16 May 2015 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	22.8	18.4	27.6

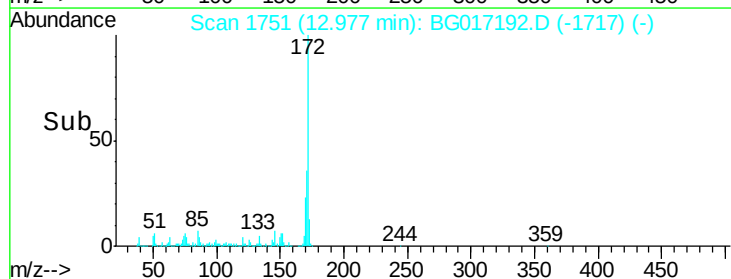
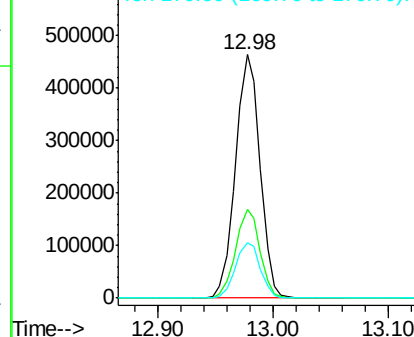


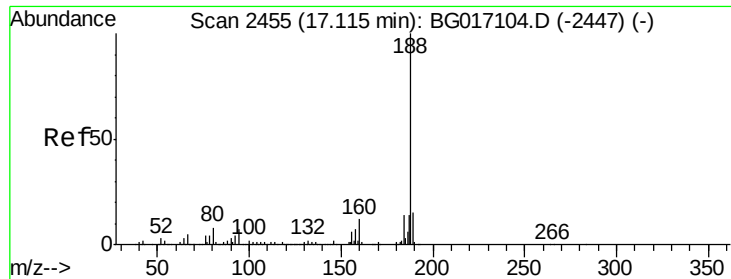
Abundance

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

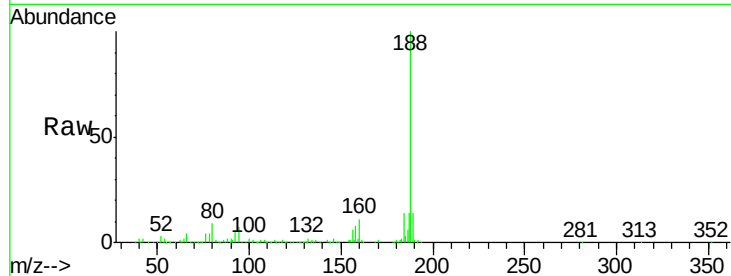




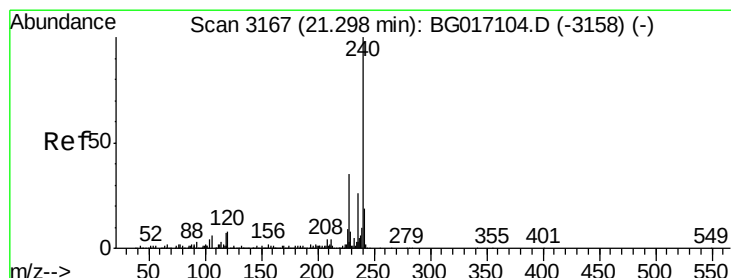
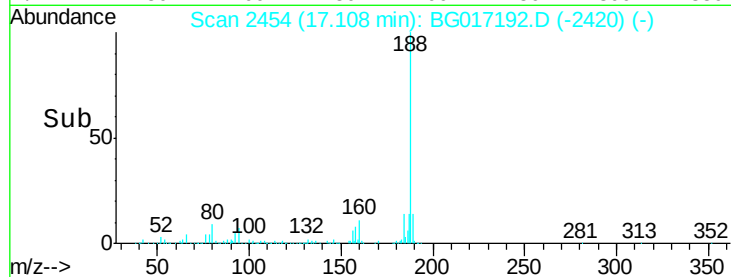
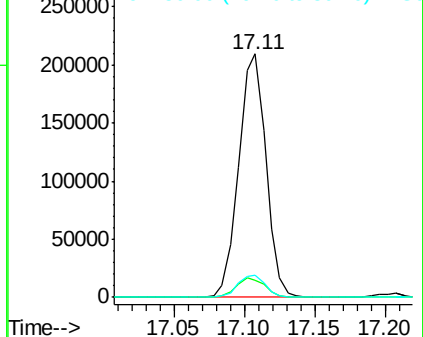
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG017192.D
Acq: 16 May 2015 2:02

Instrument :
BNA_G
ClientSampleId :
WC-11-D1

Tgt Ion:188 Resp: 282710
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 9.3 6.5 9.7

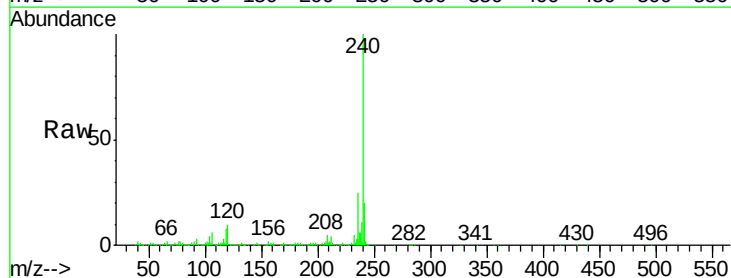


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

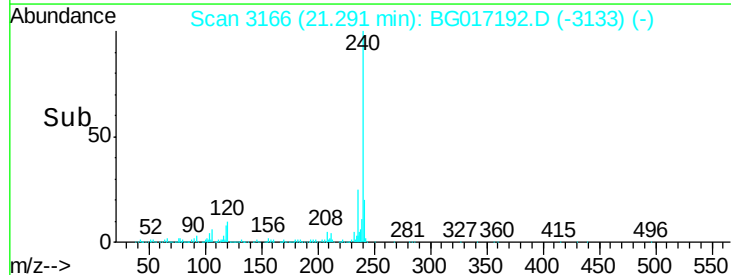
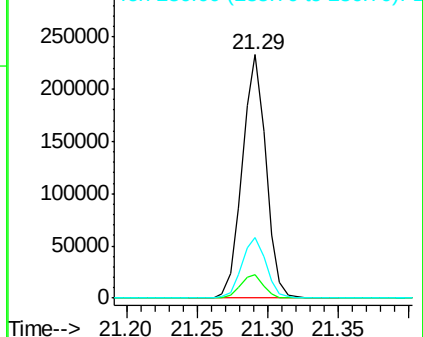


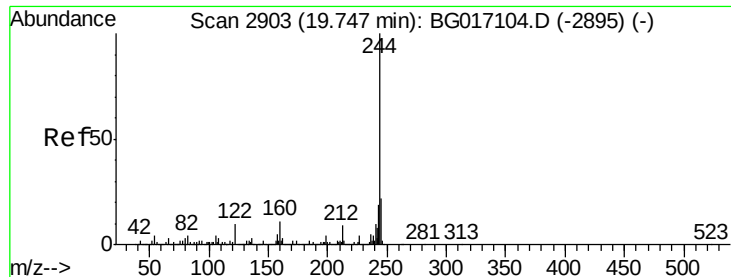
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017192.D
Acq: 16 May 2015 2:02

Tgt Ion:240 Resp: 272822
Ion Ratio Lower Upper
240 100
120 9.7 6.0 9.0#
236 24.8 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: 85.58 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

Instrument :

BNA_G

ClientSampleId :

WC-11-D1

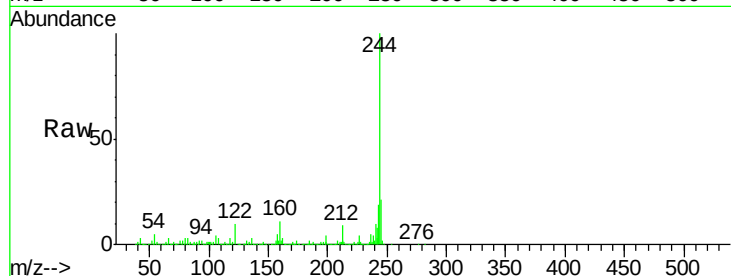
Tgt Ion:244 Resp: 1120365

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

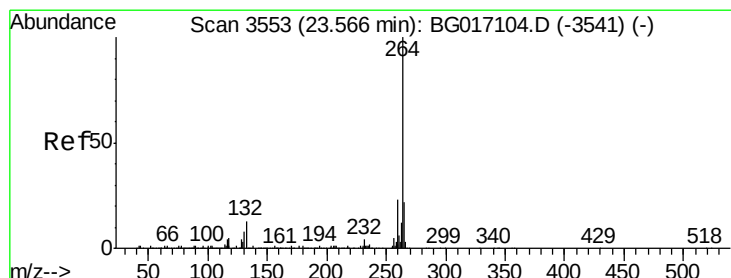
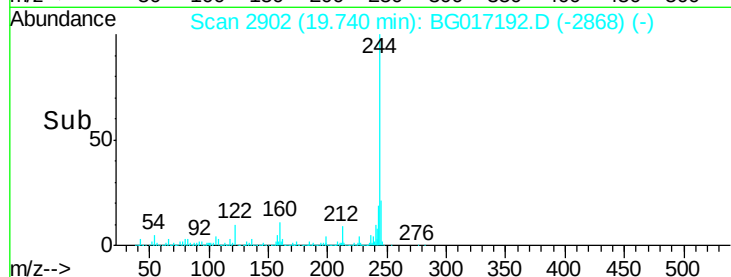
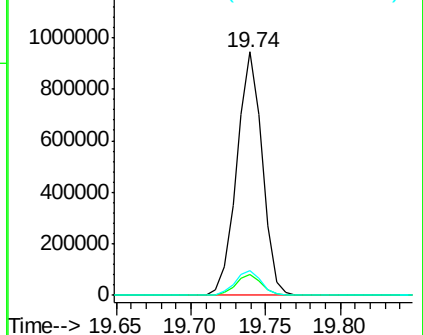
122 10.1 8.4 12.6



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: 23.55 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG017192.D

Acq: 16 May 2015 2:02

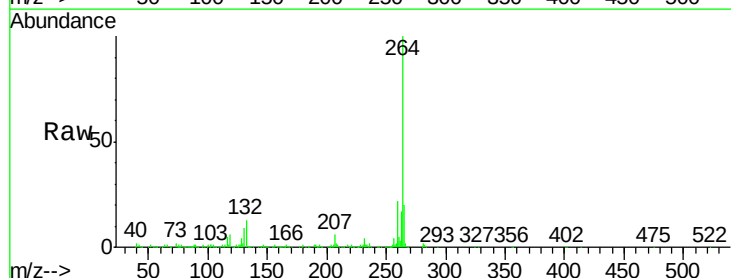
Tgt Ion:264 Resp: 245327

Ion Ratio Lower Upper

264 100

260 22.1 18.0 27.0

265 19.6 17.4 26.0



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

