

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
 Data File : BG018174.D
 Acq On : 30 Jul 2015 14:12
 Operator : TP/UM
 Sample : G3077-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-5-(6-12)

Quant Time: Jul 30 16:40:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	36722	20.00	ng	-0.09
21) Naphthalene-d8	10.28	136	153371	20.00	ng	-0.09
38) Acenaphthene-d10	14.17	164	101921	20.00	ng	-0.07
63) Phenanthrene-d10	16.93	188	239890	20.00	ng	-0.07
75) Chrysene-d12	21.13	240	246696	20.00	ng	-0.07
86) Perylene-d12	23.31	264	223214	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	240890	114.43	ng	-0.09
7) Phenol-d6	6.70	99	285396	103.48	ng	-0.07
23) Nitrobenzene-d5	8.65	82	193224	81.60	ng	-0.09
41) 2,4,6-Tribromophenol	15.67	330	232753	225.40	ng	-0.07
44) 2-Fluorobiphenyl	12.78	172	607130	103.23	ng	-0.07
78) Terphenyl-d14	19.58	244	1143192	116.73	ng	-0.06

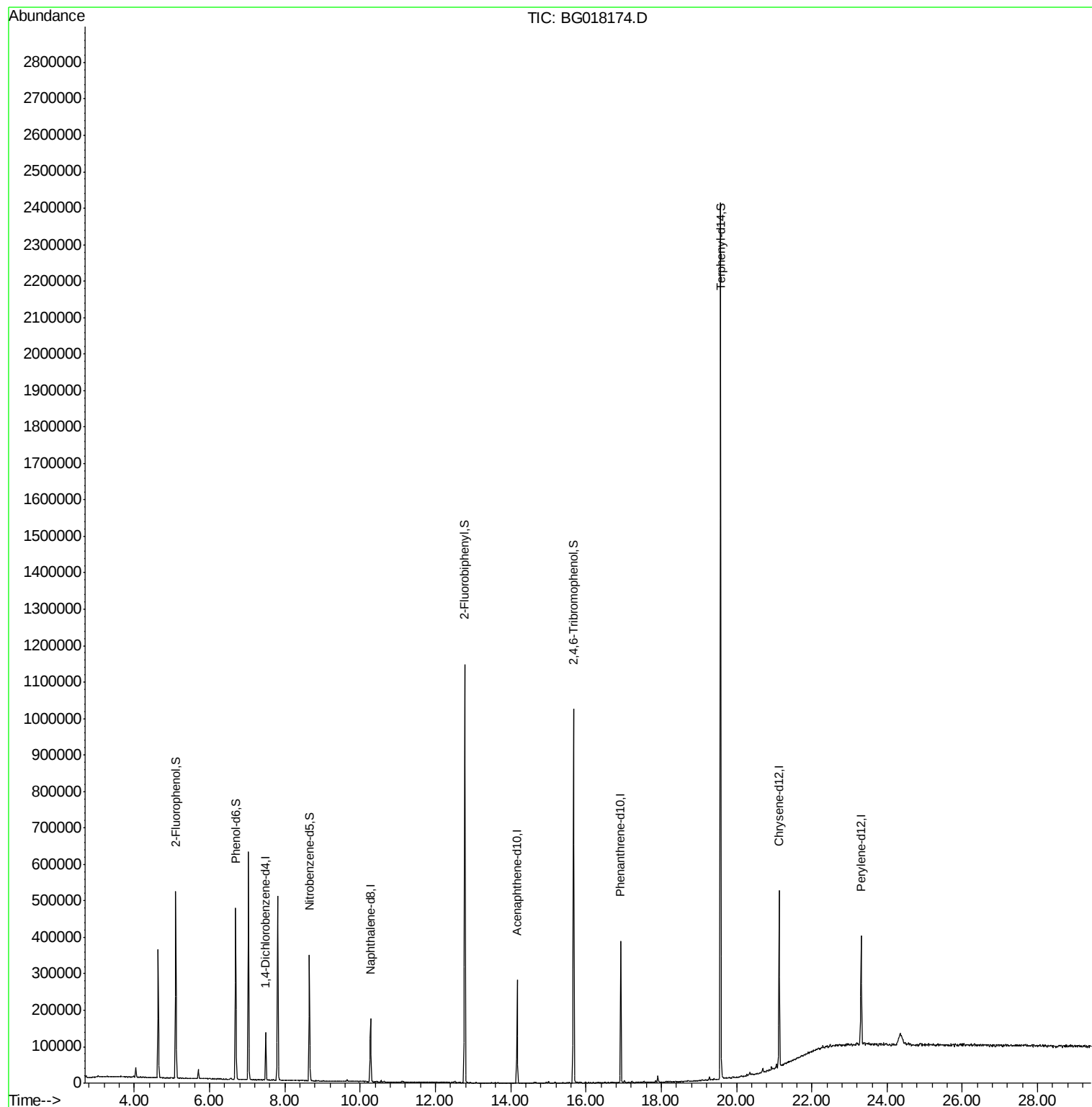
Target Compounds	Qvalue
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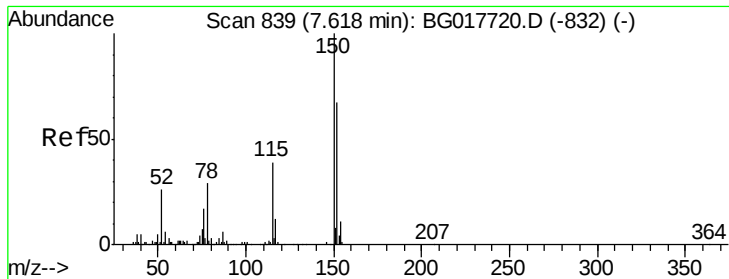
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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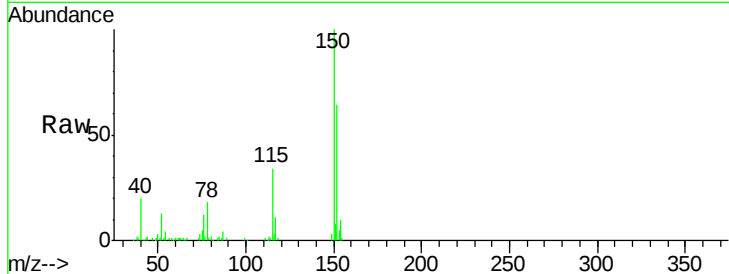


#1

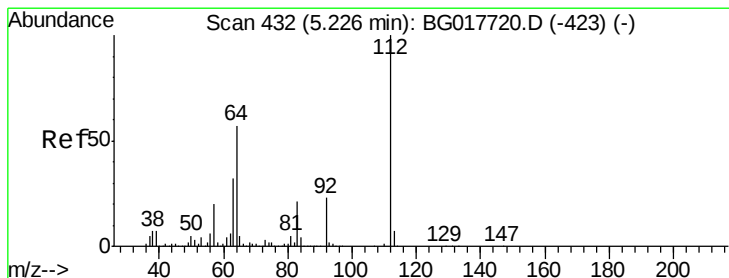
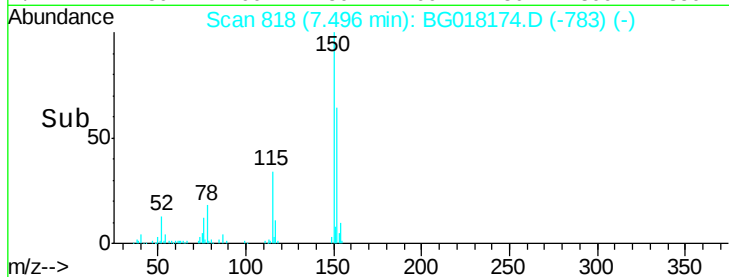
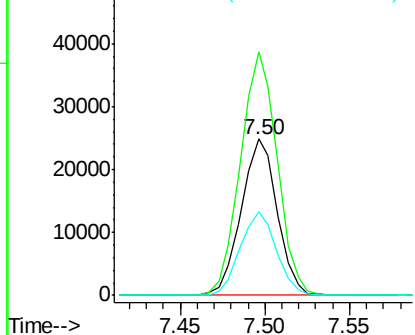
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 818
Delta R.T. -0.09 min
Lab File: BG018174.D
Acq: 30 Jul 2015 14:12

Instrument :
BNA_G
ClientSampleId :
GRID-5-(6-12)

Tgt Ion:152 Resp: 36722
Ion Ratio Lower Upper
152 100
150 155.8 119.1 178.7
115 53.4 47.0 70.4



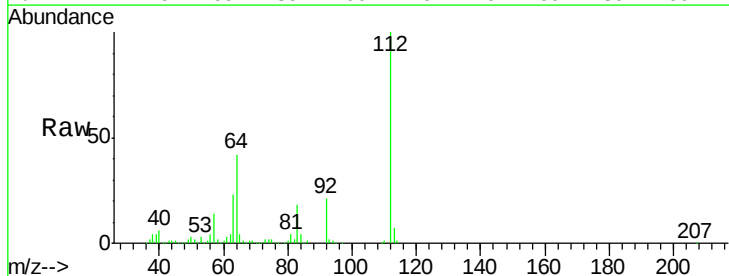
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



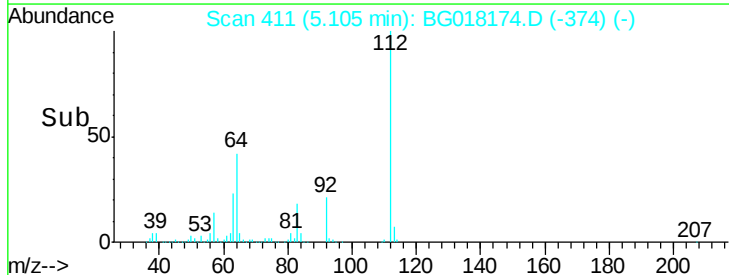
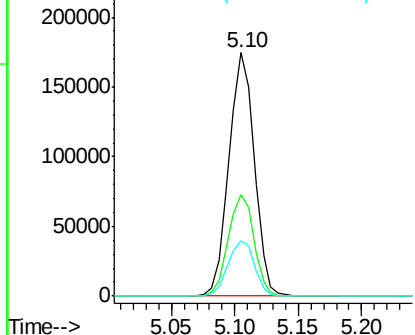
#5

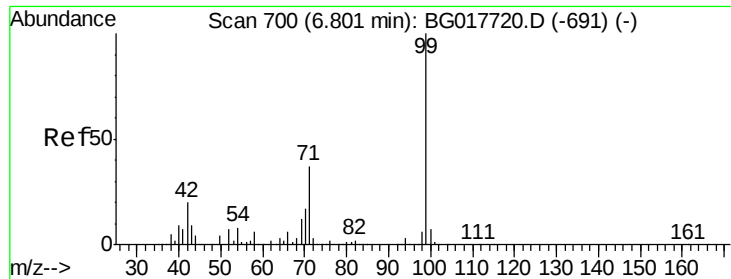
2-Fluorophenol
Concen: 114.43 ng
RT: 5.10 min Scan# 411
Delta R.T. -0.09 min
Lab File: BG018174.D
Acq: 30 Jul 2015 14:12

Tgt Ion:112 Resp: 240890
Ion Ratio Lower Upper
112 100
64 41.9 45.4 68.0#
63 23.0 25.3 37.9#



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: 103.48 ng

RT: 6.70 min Scan# 682

Delta R.T. -0.07 min

Lab File: BG018174.D

Acq: 30 Jul 2015 14:12

Instrument :

BNA_G

ClientSampleId :

GRID-5-(6-12)

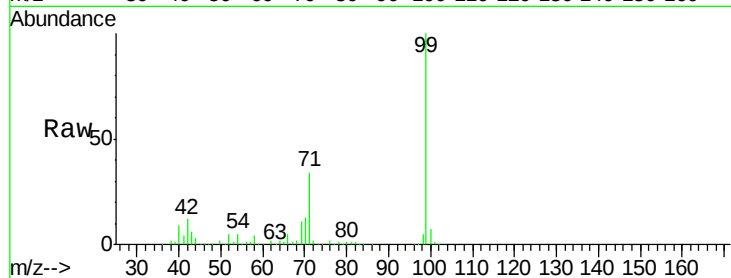
Tgt Ion: 99 Resp: 285396

Ion Ratio Lower Upper

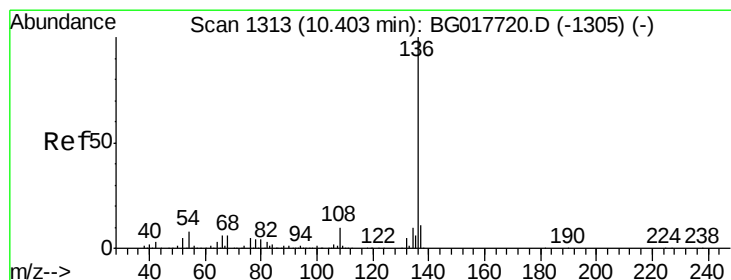
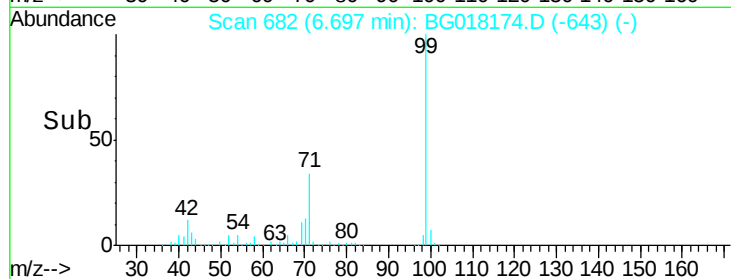
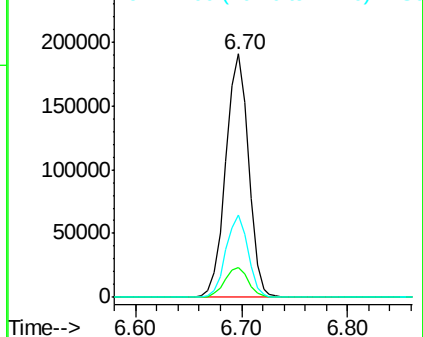
99 100

42 12.5 16.2 24.4#

71 33.6 29.5 44.3



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: 10.28 min Scan# 1292

Delta R.T. -0.09 min

Lab File: BG018174.D

Acq: 30 Jul 2015 14:12

Tgt Ion: 136 Resp: 153371

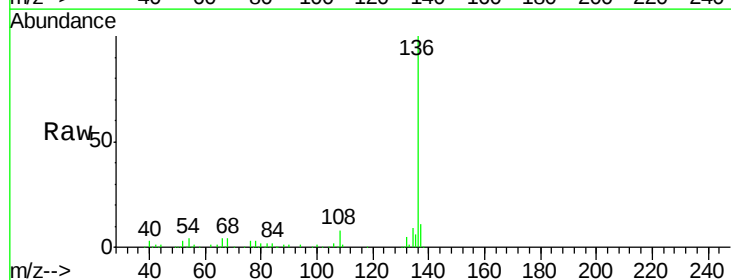
Ion Ratio Lower Upper

136 100

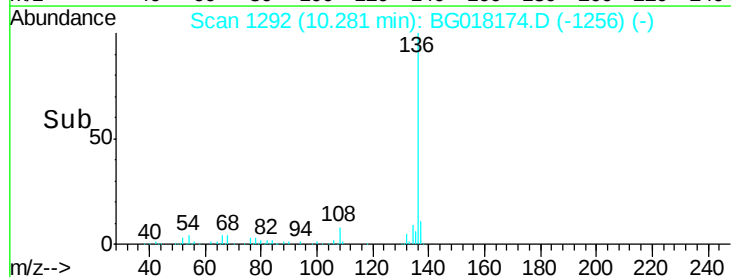
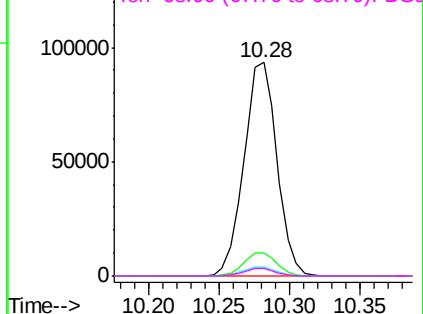
137 10.7 8.8 13.2

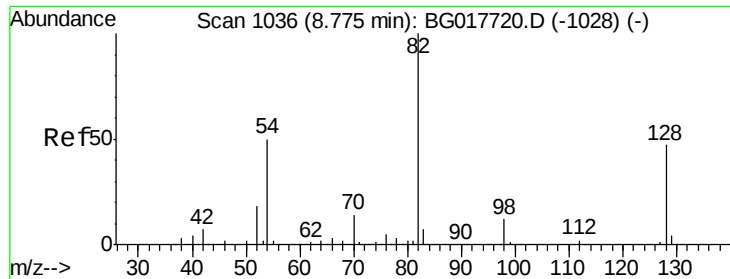
54 4.4 6.6 9.8#

68 3.7 5.1 7.7#



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

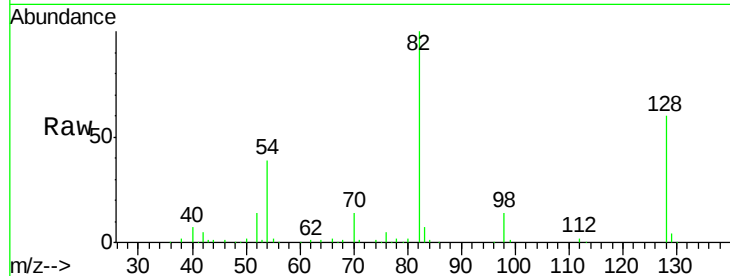




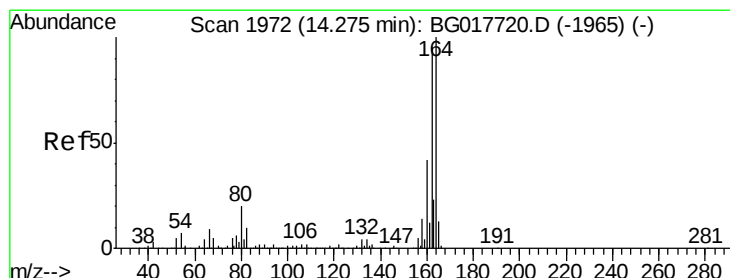
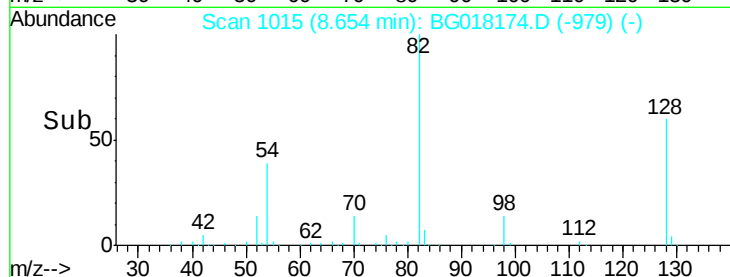
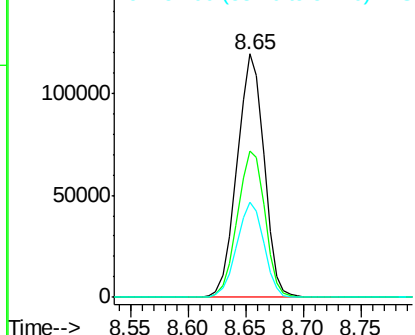
#23
 Nitrobenzene-d5
 Concen: 81.60 ng
 RT: 8.65 min Scan# 1015
 Delta R.T. -0.09 min
 Lab File: BG018174.D
 Acq: 30 Jul 2015 14:12

Instrument :
 BNA_G
 ClientSampleId :
 GRID-5-(6-12)

Tgt Ion: 82 Resp: 193224
 Ion Ratio Lower Upper
 82 100
 128 60.1 37.8 56.6#
 54 38.8 39.9 59.9#

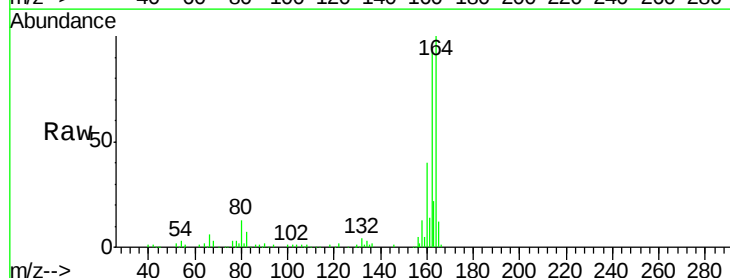


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

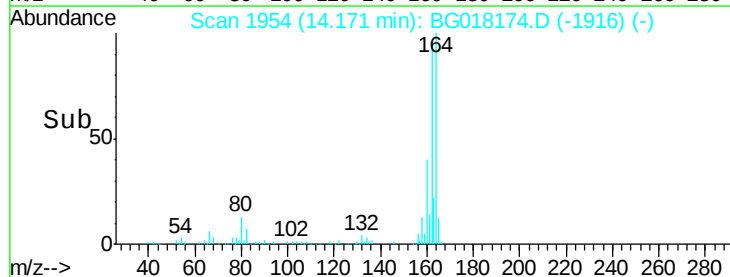
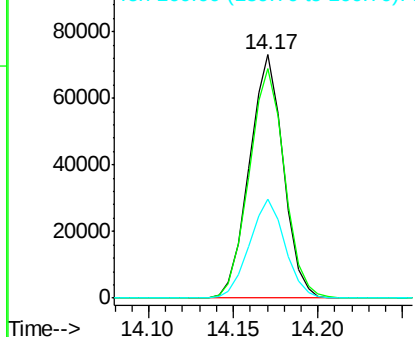


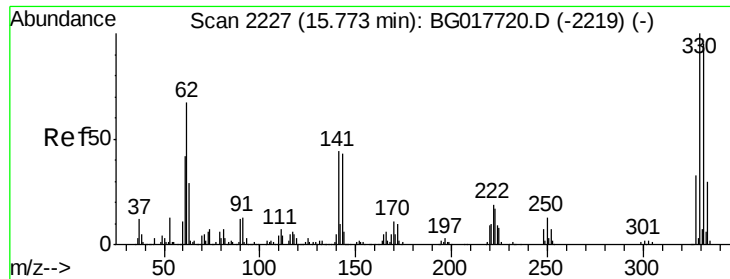
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.17 min Scan# 1954
 Delta R.T. -0.07 min
 Lab File: BG018174.D
 Acq: 30 Jul 2015 14:12

Tgt Ion: 164 Resp: 101921
 Ion Ratio Lower Upper
 164 100
 162 94.0 76.3 114.5
 160 40.5 33.7 50.5



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

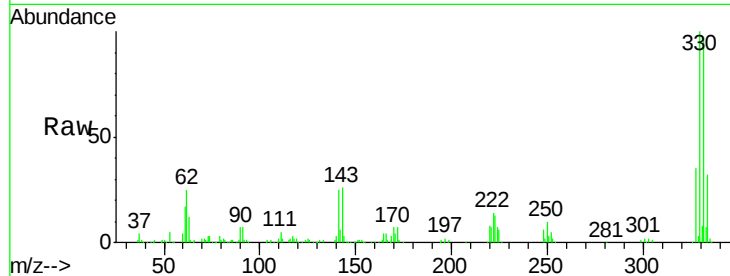




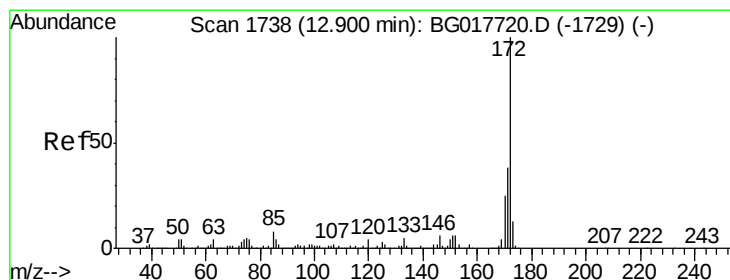
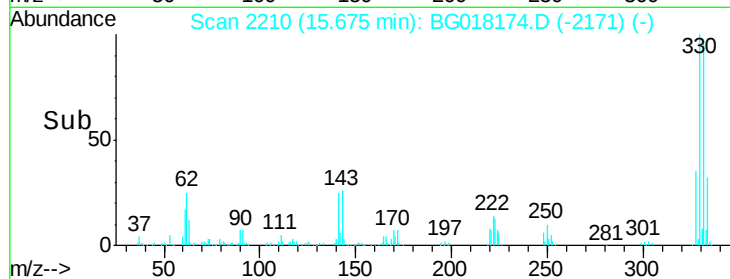
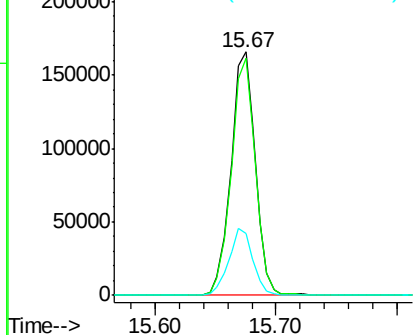
#41
 2,4,6-Tribromophenol
 Concen: 225.40 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.07 min
 Lab File: BG018174.D
 Acq: 30 Jul 2015 14:12

Instrument :
 BNA_G
 ClientSampleId :
 GRID-5-(6-12)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	27.2	38.0	57.0#

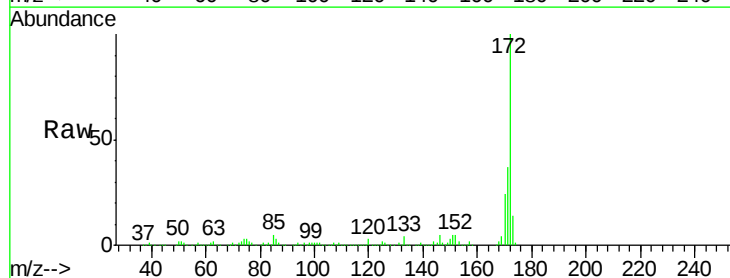


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

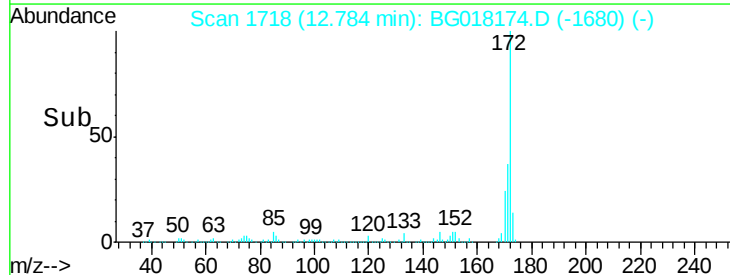
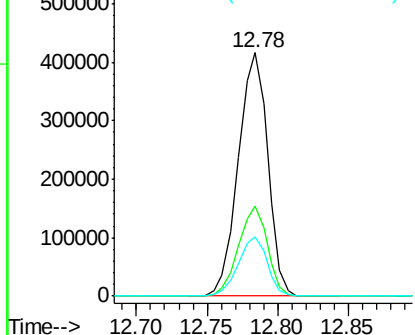


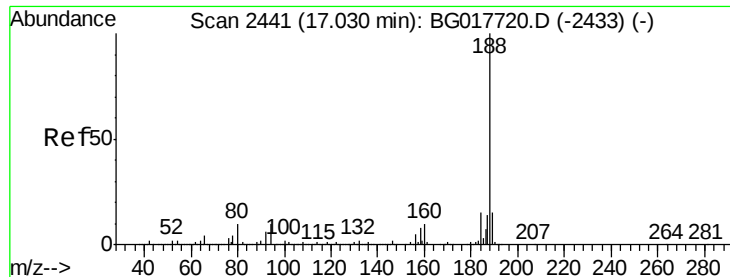
#44
 2-Fluorobiphenyl
 Concen: 103.23 ng
 RT: 12.78 min Scan# 1718
 Delta R.T. -0.07 min
 Lab File: BG018174.D
 Acq: 30 Jul 2015 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.4	19.7	29.5



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

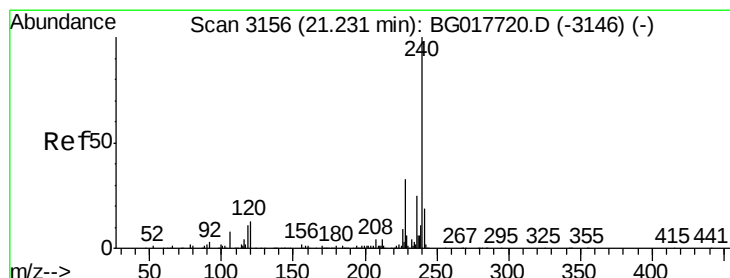
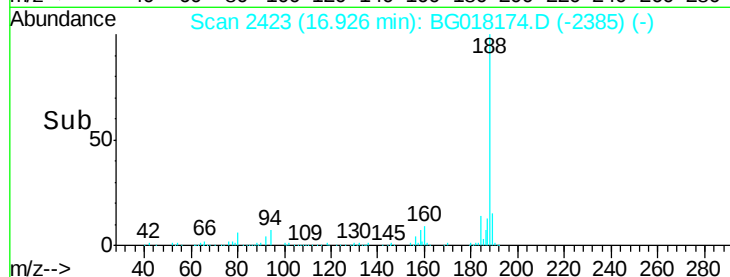
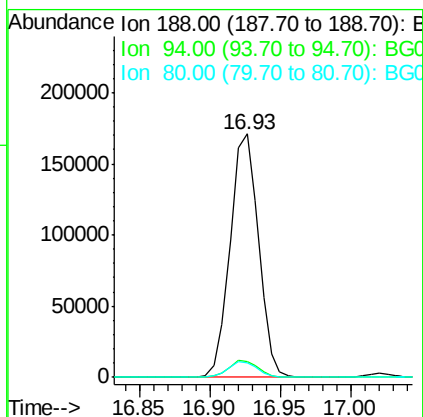
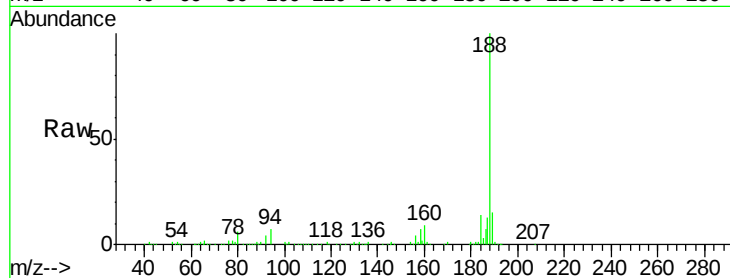




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.93 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BG018174.D
Acq: 30 Jul 2015 14:12

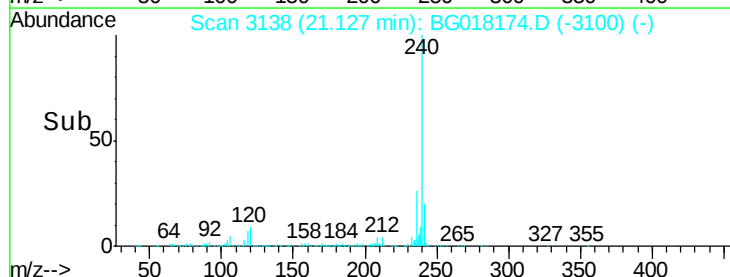
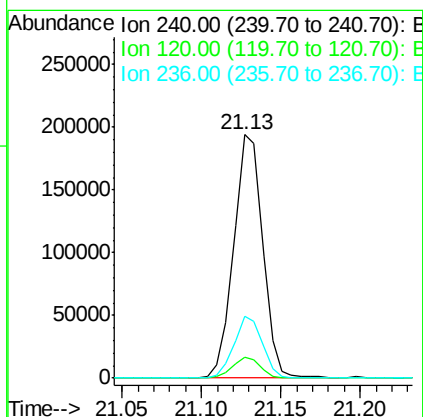
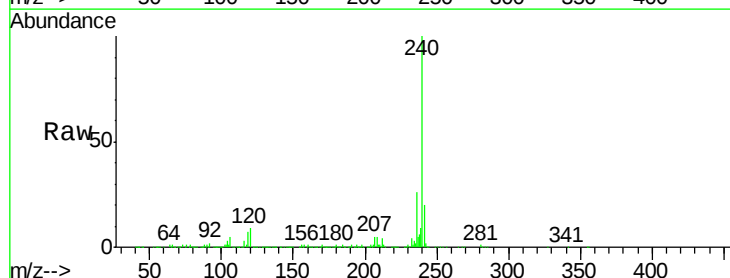
Instrument :
BNA_G
ClientSampleId :
GRID-5-(6-12)

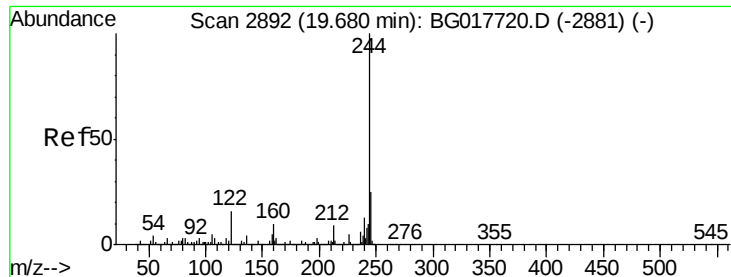
Tgt Ion:188 Resp: 239890
Ion Ratio Lower Upper
188 100
94 6.7 8.2 12.2#
80 6.1 8.2 12.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 3138
Delta R.T. -0.07 min
Lab File: BG018174.D
Acq: 30 Jul 2015 14:12

Tgt Ion:240 Resp: 246696
Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 116.73 ng

RT: 19.58 min Scan# 2875

Delta R.T. -0.06 min

Lab File: BG018174.D

Acq: 30 Jul 2015 14:12

Instrument :

BNA_G

ClientSampleId :

GRID-5-(6-12)

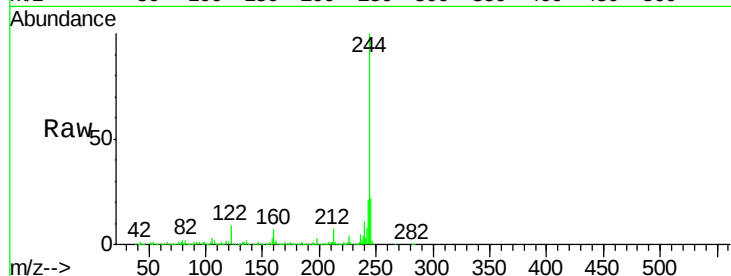
Tgt Ion:244 Resp: 1143192

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

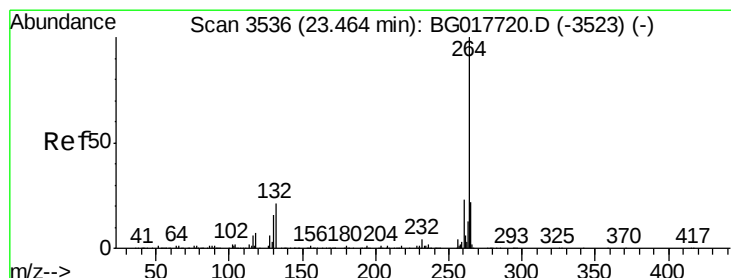
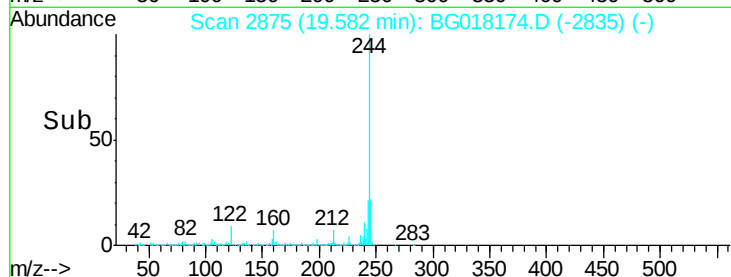
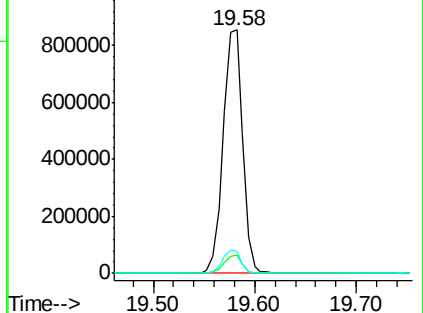
122 9.3 12.8 19.2#



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: 23.31 min Scan# 3510

Delta R.T. -0.10 min

Lab File: BG018174.D

Acq: 30 Jul 2015 14:12

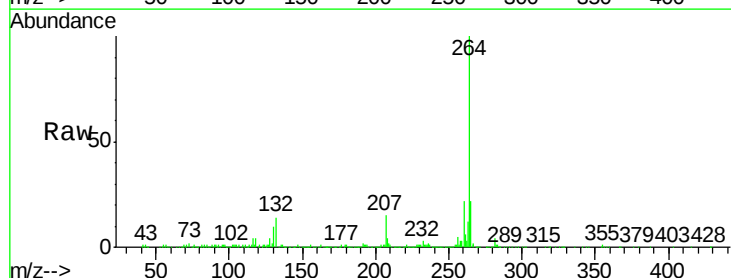
Tgt Ion:264 Resp: 223214

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.1 18.2 27.2



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

