

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017619.D
 Acq On : 11 Jun 2015 21:03
 Operator : TP/IZ
 Sample : G2522-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB060315

Quant Time: Jun 12 01:40:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	17135	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	70518	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	54980	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	161373	20.00	ng	0.00
75) Chrysene-d12	21.16	240	201057	20.00	ng	0.00
86) Perylene-d12	23.35	264	179444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	73380	75.45	ng	0.00
7) Phenol-d6	6.74	99	58115	43.86	ng	0.00
23) Nitrobenzene-d5	8.69	82	164791	116.66	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	134091	175.59	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	426218	116.94	ng	0.00
78) Terphenyl-d14	19.61	244	1077281	110.74	ng	0.00

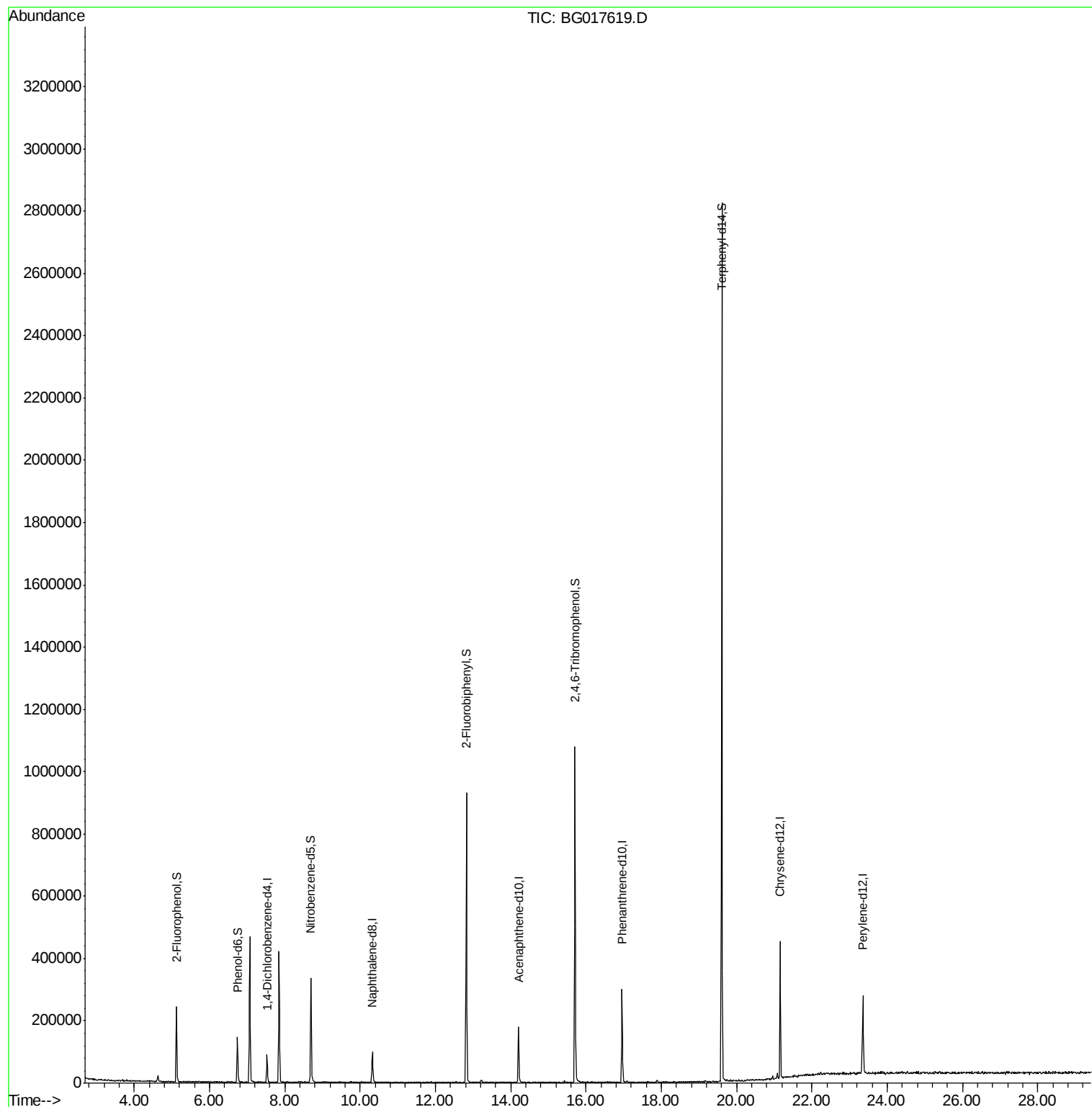
Target Compounds	Qvalue
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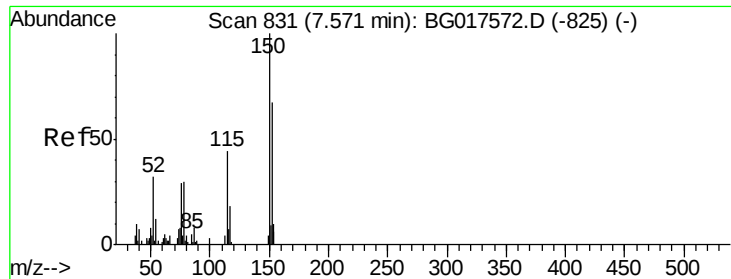
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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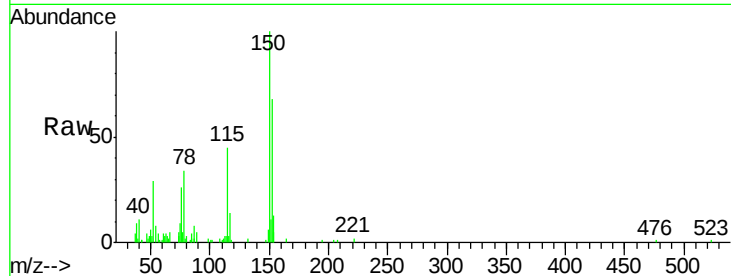


#1

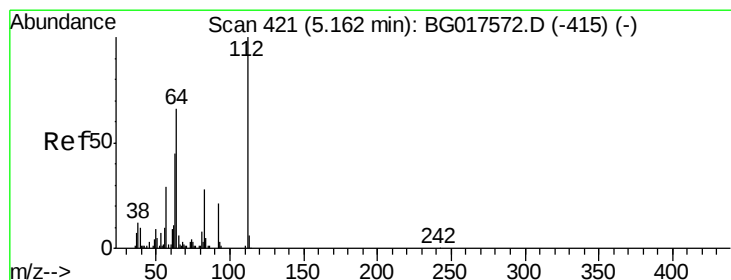
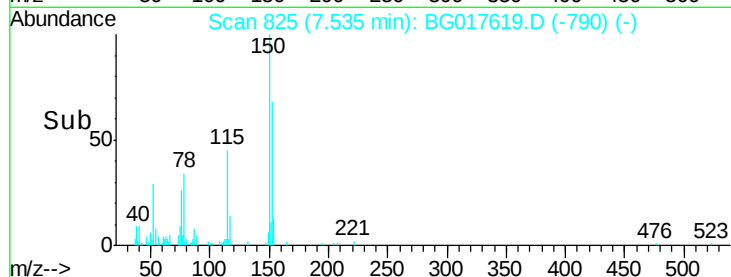
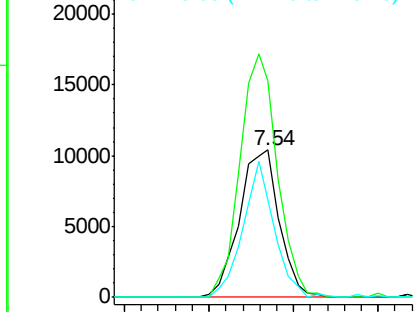
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG017619.D
Acq: 11 Jun 2015 21:03

Instrument :
BNA_G
ClientSampleId :
FB060315

Tgt Ion:152 Resp: 17135
Ion Ratio Lower Upper
152 100
150 147.2 121.7 182.5
115 66.7 48.6 73.0



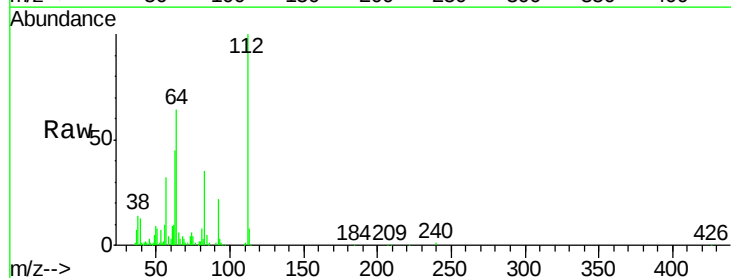
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



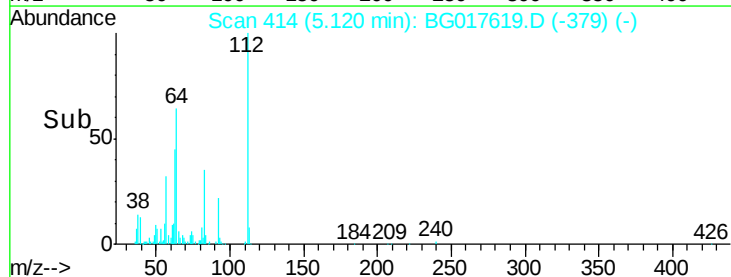
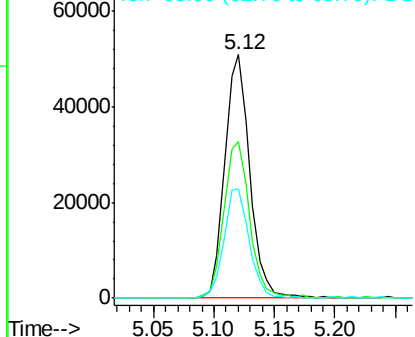
#5

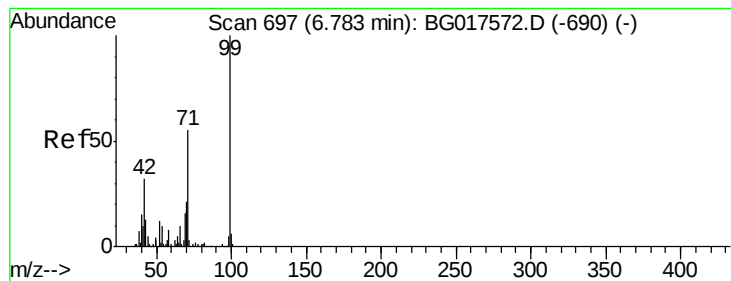
2-Fluorophenol
Concen: 75.45 ng
RT: 5.12 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG017619.D
Acq: 11 Jun 2015 21:03

Tgt Ion:112 Resp: 73380
Ion Ratio Lower Upper
112 100
64 64.4 51.6 77.4
63 44.7 33.3 49.9



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: 43.86 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

Instrument :

BNA_G

ClientSampleId :

FB060315

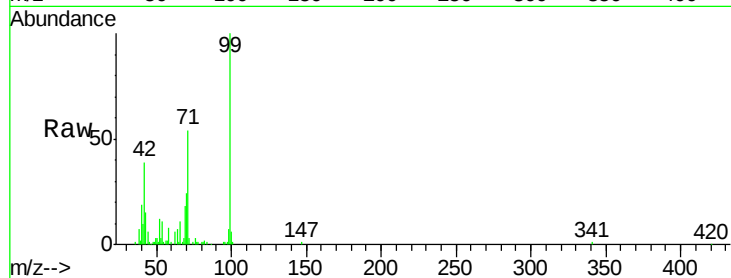
Tgt Ion: 99 Resp: 58115

Ion Ratio Lower Upper

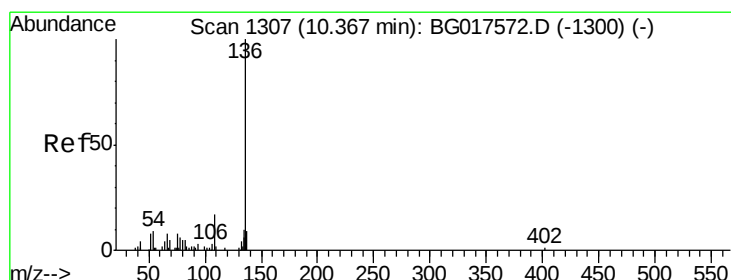
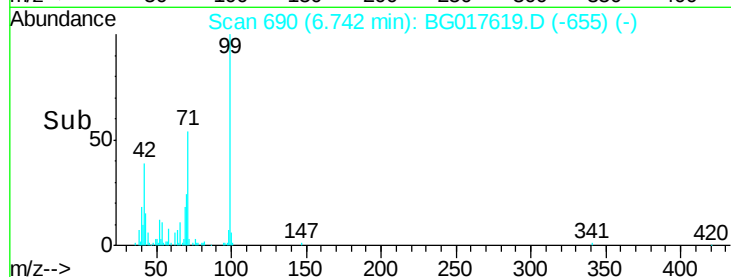
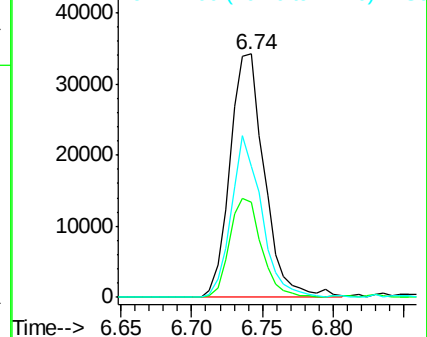
99 100

42 39.0 21.0 31.6#

71 53.8 37.2 55.8



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: 10.33 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

Tgt Ion: 136 Resp: 70518

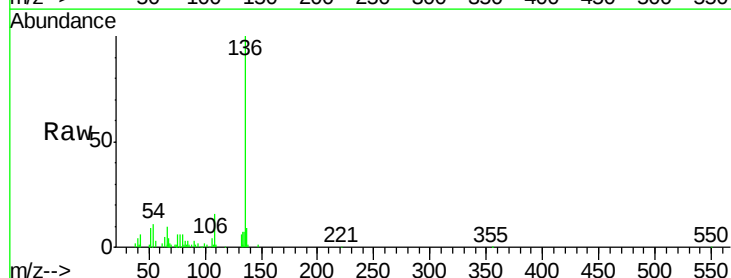
Ion Ratio Lower Upper

136 100

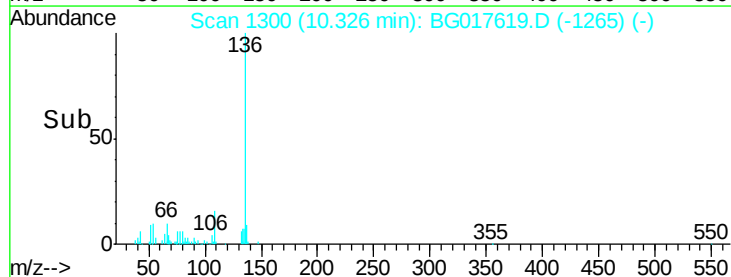
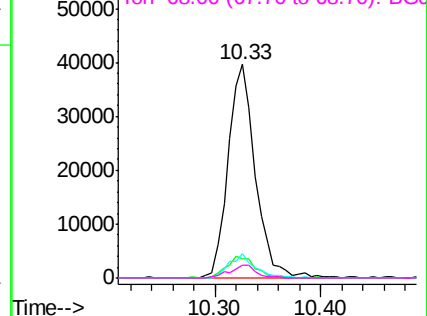
137 9.1 7.9 11.9

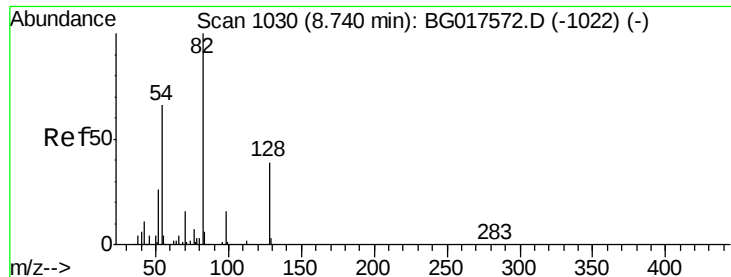
54 11.1 7.2 10.8#

68 5.9 4.5 6.7



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

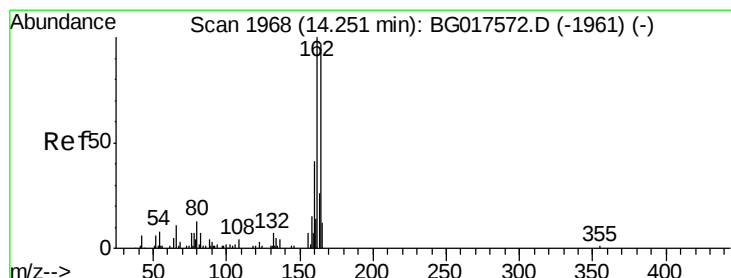
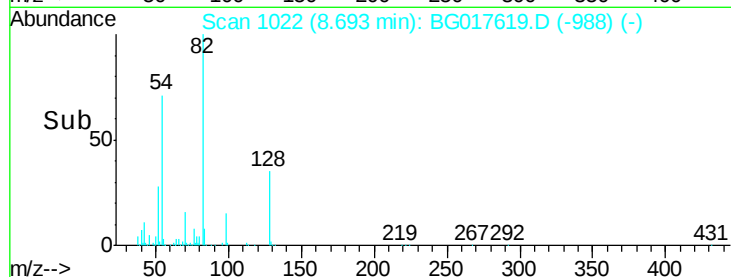
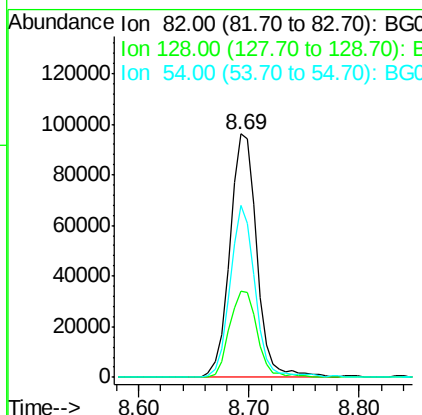
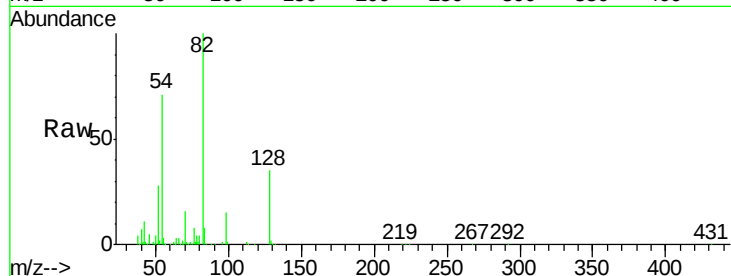




#23
 Nitrobenzene-d5
 Concen: 116.66 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG017619.D
 Acq: 11 Jun 2015 21:03

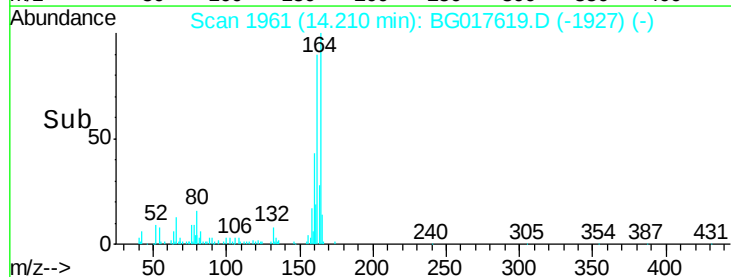
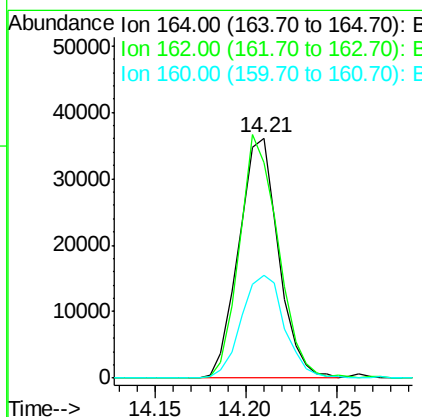
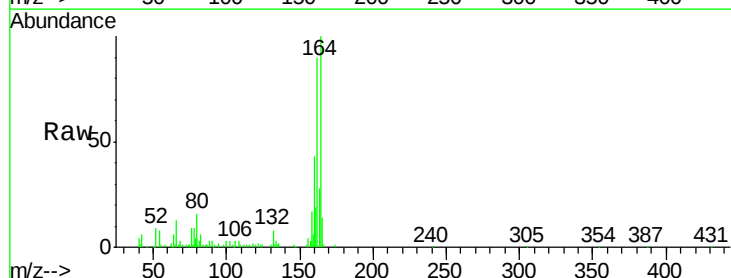
Instrument :
 BNA_G
 ClientSampleId :
 FB060315

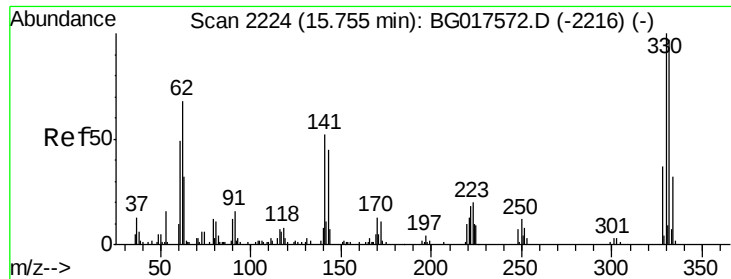
Tgt Ion: 82 Resp: 164791
 Ion Ratio Lower Upper
 82 100
 128 35.3 32.2 48.4
 54 70.8 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG017619.D
 Acq: 11 Jun 2015 21:03

Tgt Ion: 164 Resp: 54980
 Ion Ratio Lower Upper
 164 100
 162 89.6 81.8 122.6
 160 43.0 31.0 46.4

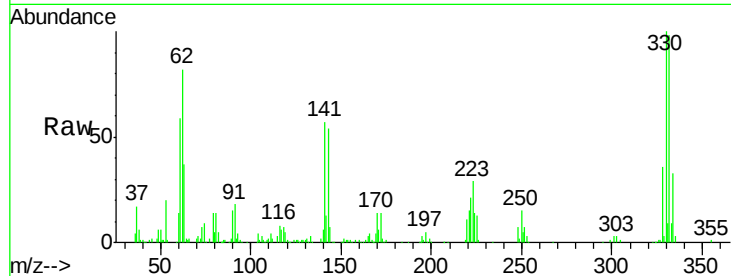




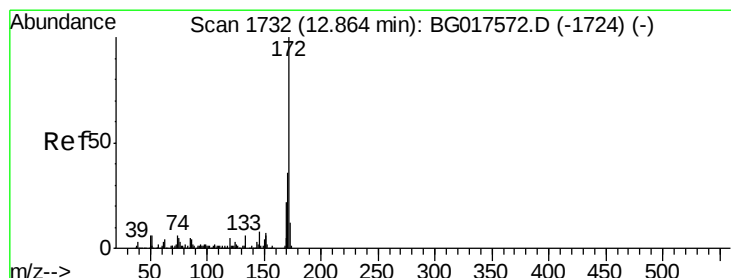
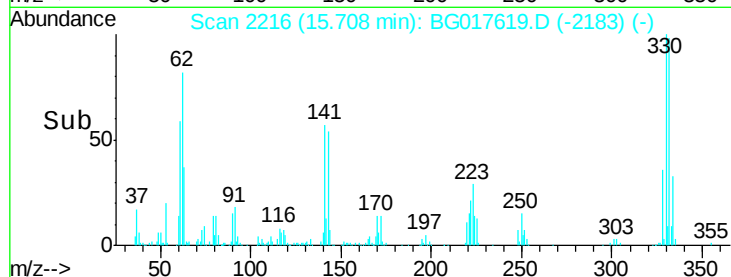
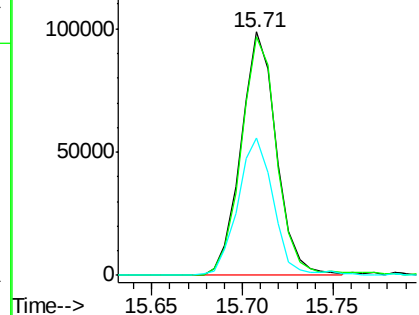
#41
 2,4,6-Tribromophenol
 Concen: 175.59 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG017619.D
 Acq: 11 Jun 2015 21:03

Instrument :
 BNA_G
 ClientSampleId :
 FB060315

Tgt Ion:330 Resp: 134091
 Ion Ratio Lower Upper
 330 100
 332 99.4 75.9 113.9
 141 57.4 40.2 60.4

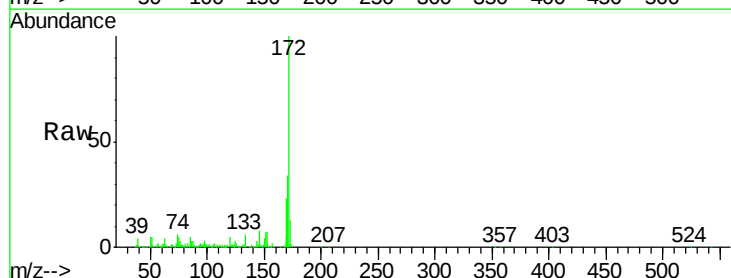


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

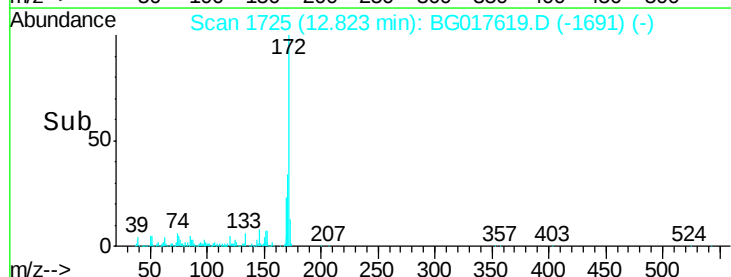
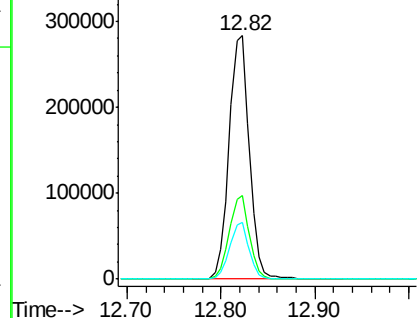


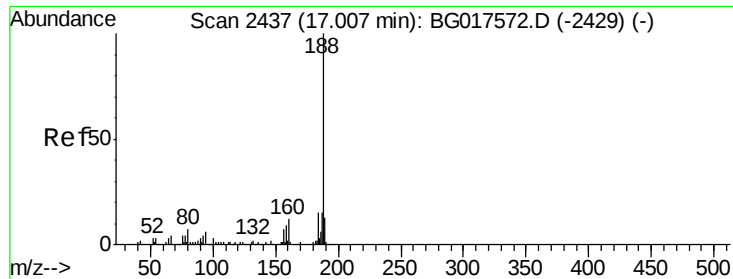
#44
 2-Fluorobiphenyl
 Concen: 116.94 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG017619.D
 Acq: 11 Jun 2015 21:03

Tgt Ion:172 Resp: 426218
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.6
 170 23.3 18.9 28.3



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: 16.96 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

Instrument :

BNA_G

ClientSampleId :

FB060315

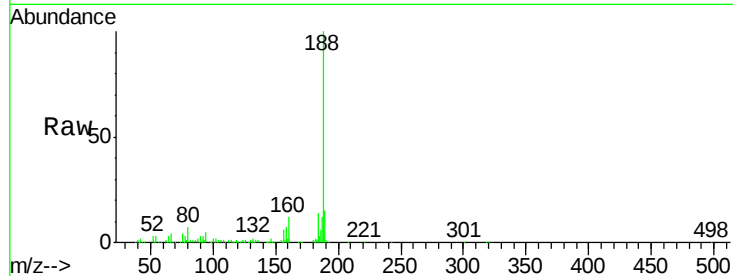
Tgt Ion:188 Resp: 161373

Ion Ratio Lower Upper

188 100

94 5.3 6.3 9.5#

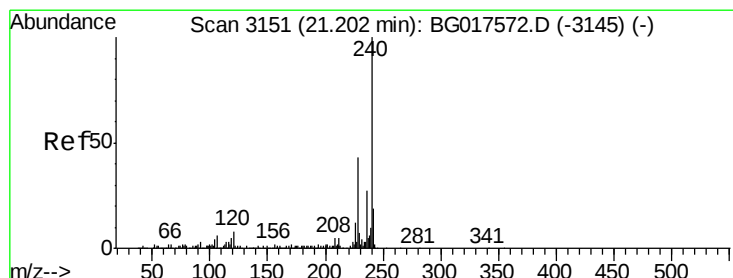
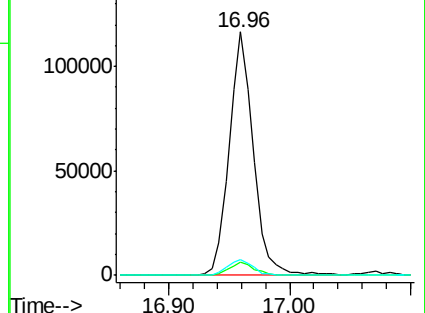
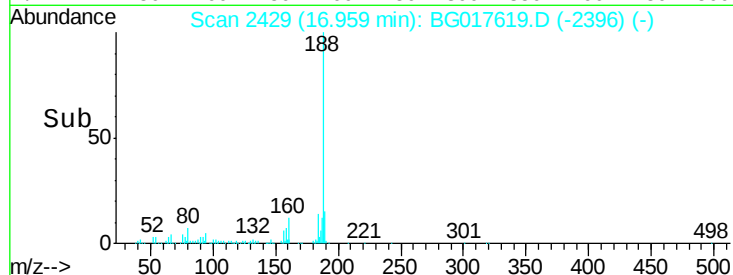
80 6.6 5.2 7.8



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: 21.16 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

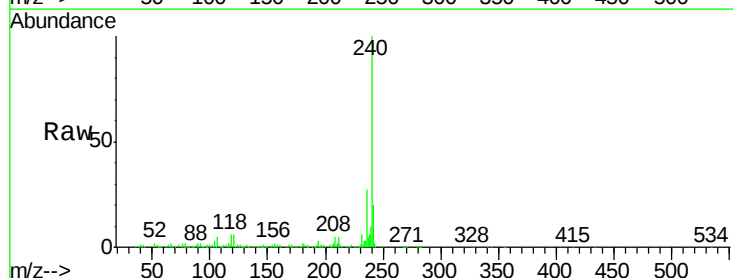
Tgt Ion:240 Resp: 201057

Ion Ratio Lower Upper

240 100

120 5.8 6.5 9.7#

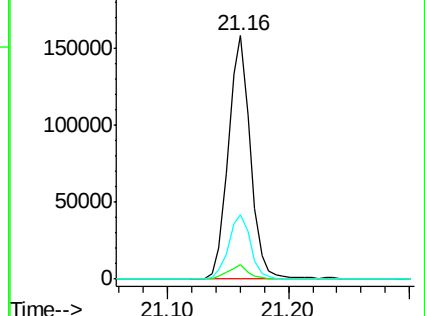
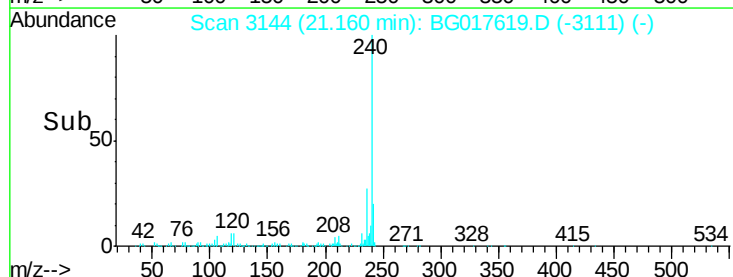
236 26.5 20.8 31.2

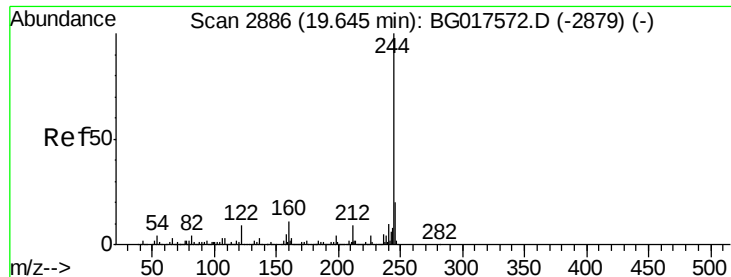


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 110.74 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

Instrument :

BNA_G

ClientSampleId :

FB060315

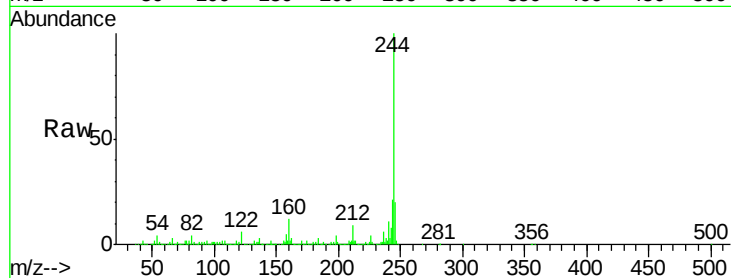
Tgt Ion:244 Resp: 1077281

Ion Ratio Lower Upper

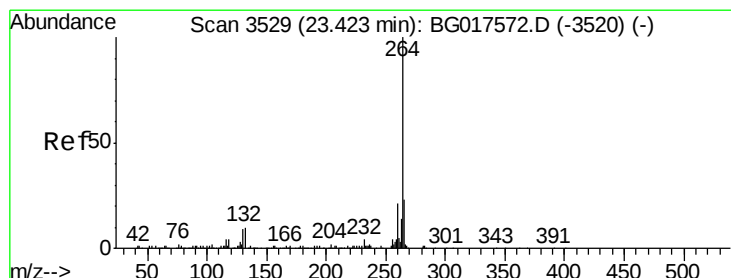
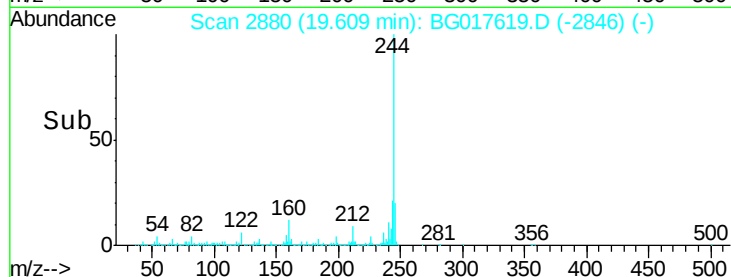
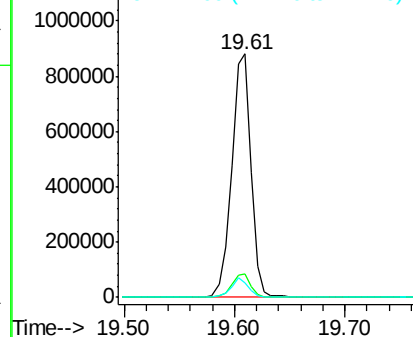
244 100

212 9.4 6.4 9.6

122 6.1 6.6 10.0#



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: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG017619.D

Acq: 11 Jun 2015 21:03

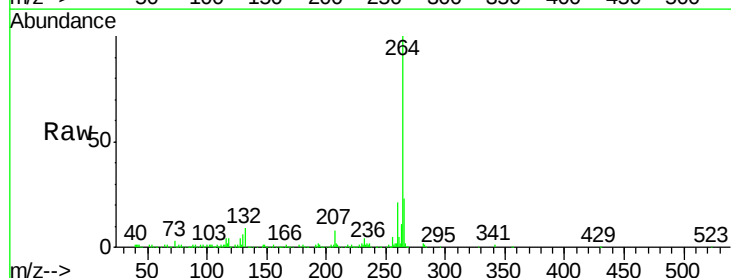
Tgt Ion:264 Resp: 179444

Ion Ratio Lower Upper

264 100

260 21.2 18.2 27.4

265 23.1 15.8 23.6



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

