

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017976.D
 Acq On : 20 Jul 2015 2:26
 Operator : TP/UM
 Sample : G2973-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7D12

Quant Time: Jul 20 03:48:35 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

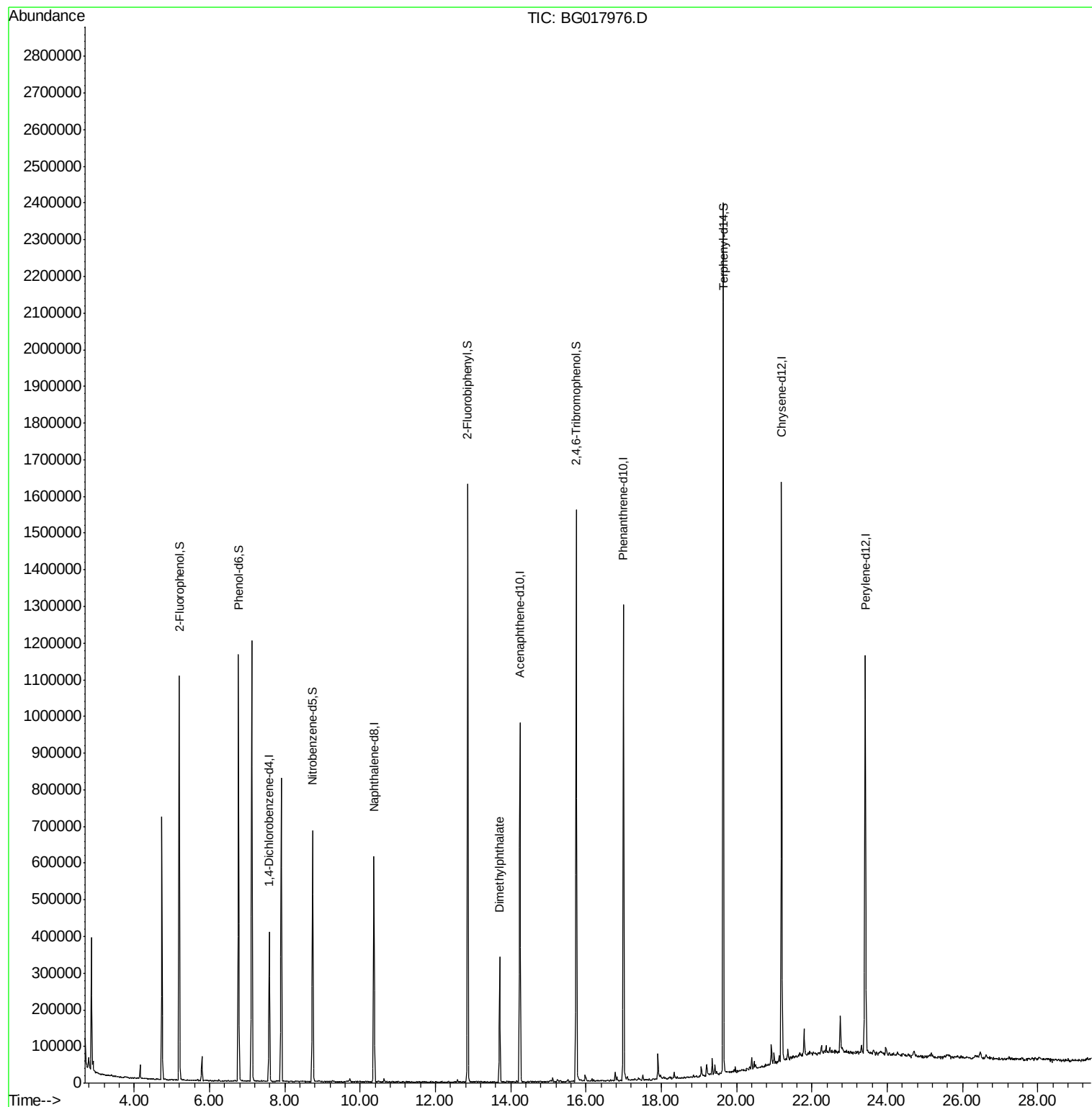
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	113843	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	520957	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	337171	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	731357	20.00	ng	0.00
75) Chrysene-d12	21.20	240	741187	20.00	ng	0.00
86) Perylene-d12	23.42	264	731031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	506825	77.66	ng	0.00
7) Phenol-d6	6.77	99	677820	79.28	ng	0.00
23) Nitrobenzene-d5	8.74	82	393954	48.98	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	269919	79.02	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	792267	40.72	ng	0.00
78) Terphenyl-d14	19.64	244	1022400	34.75	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	655	Below Cal	#	50
49) Dimethylphthalate	13.70	163	217539	9.29 ng		98
64) 4,6-Dinitro-2-methylphenol	15.33	198	56	Below Cal	#	12
69) Pentachlorophenol	16.64	266	91	Below Cal	#	44

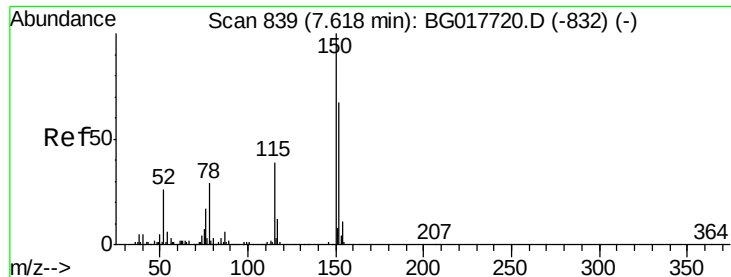
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

Instrument :

BNA_G

ClientSampleId :

TP-7D12

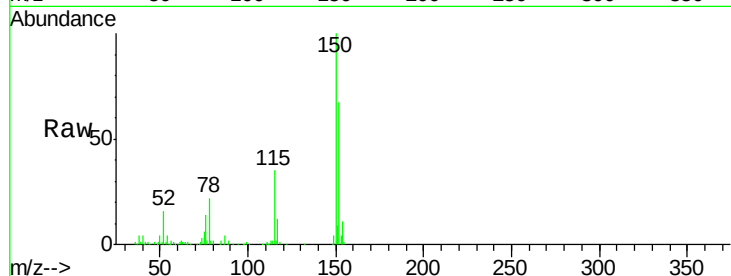
Tgt Ion:152 Resp: 113843

Ion Ratio Lower Upper

152 100

150 149.4 119.1 178.7

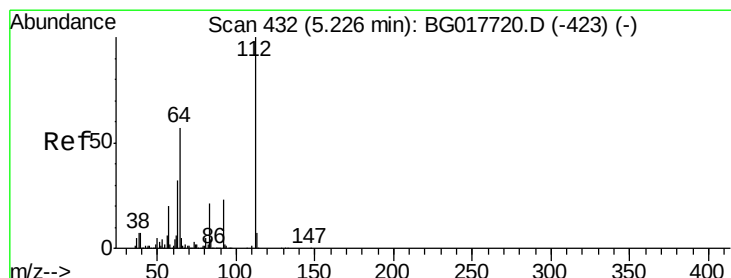
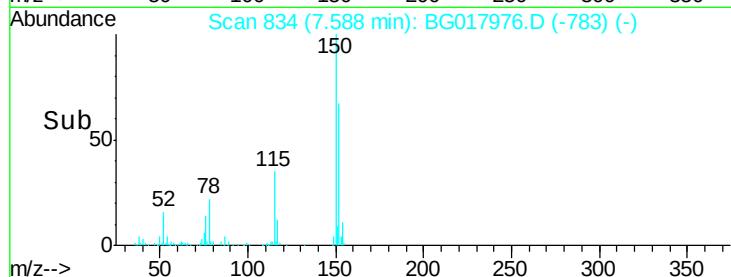
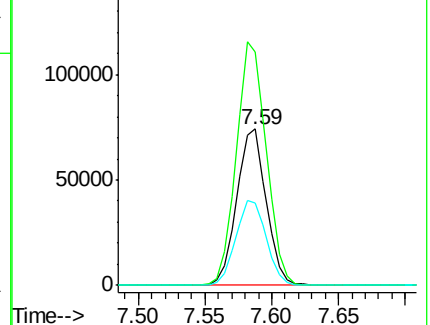
115 53.0 47.0 70.4



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: 77.66 ng

RT: 5.20 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

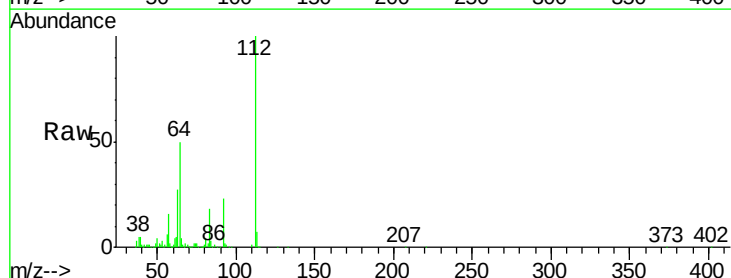
Tgt Ion:112 Resp: 506825

Ion Ratio Lower Upper

112 100

64 50.0 45.4 68.0

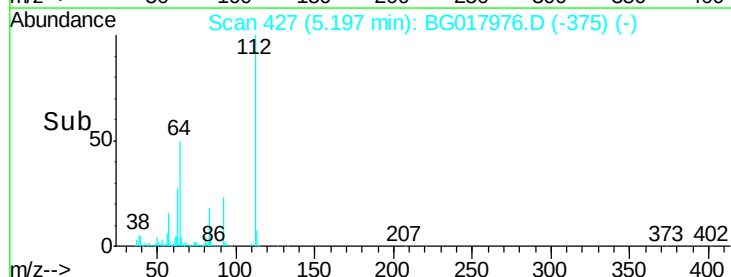
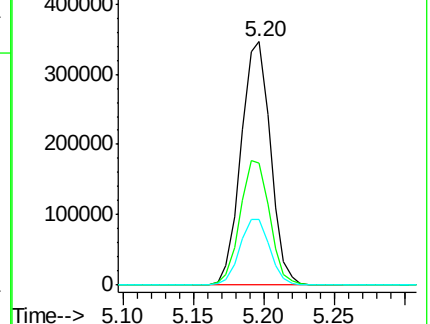
63 27.1 25.3 37.9

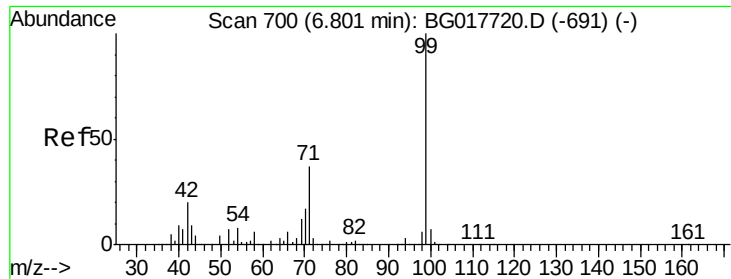


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 79.28 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

Instrument :

BNA_G

ClientSampleId :

TP-7D12

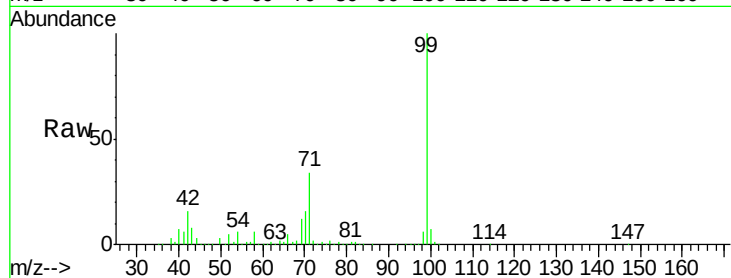
Tgt Ion: 99 Resp: 677820

Ion Ratio Lower Upper

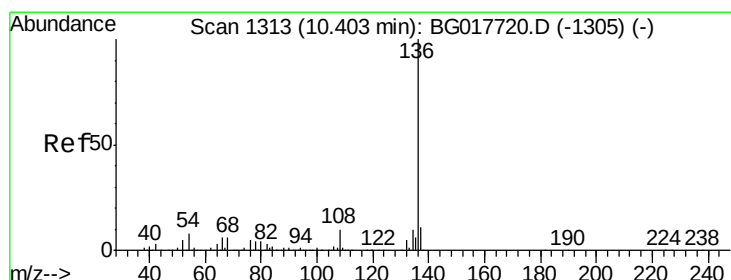
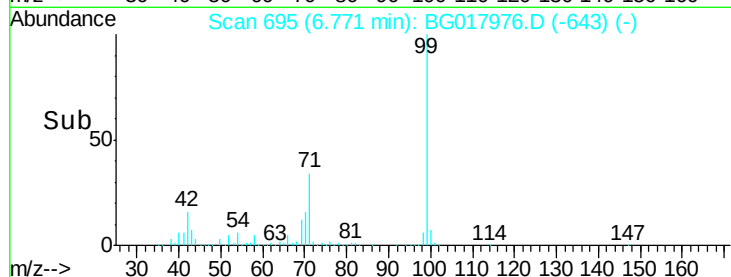
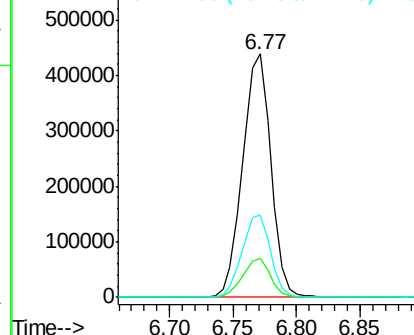
99 100

42 15.7 16.2 24.4#

71 33.8 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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

Tgt Ion: 136 Resp: 520957

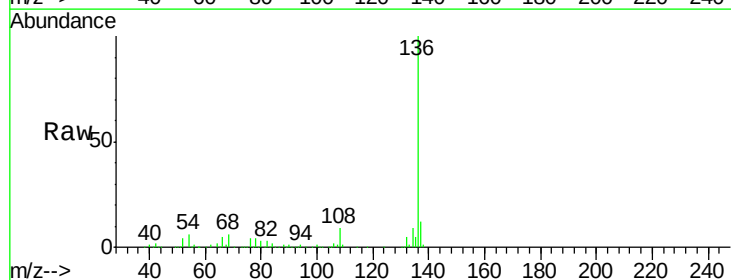
Ion Ratio Lower Upper

136 100

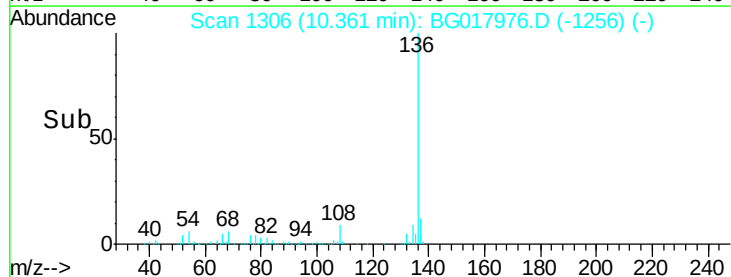
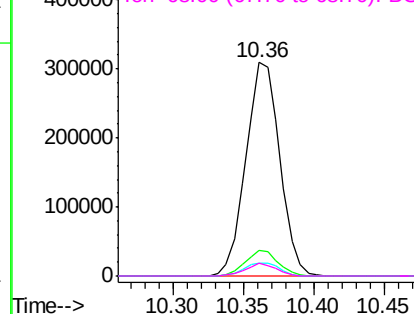
137 11.8 8.8 13.2

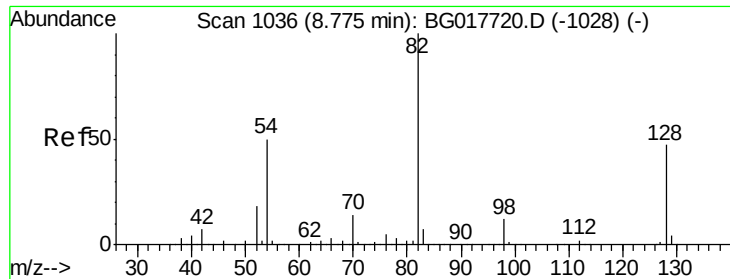
54 6.3 6.6 9.8#

68 5.7 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

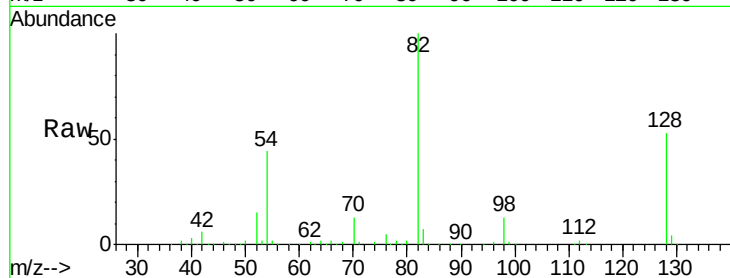




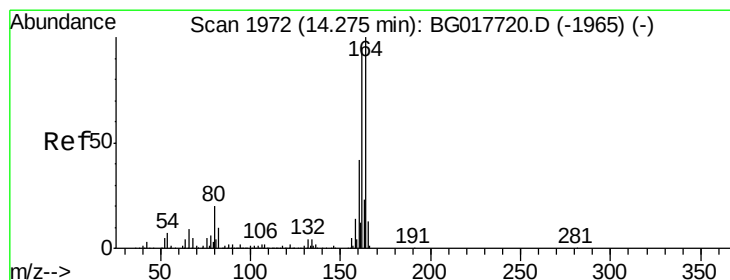
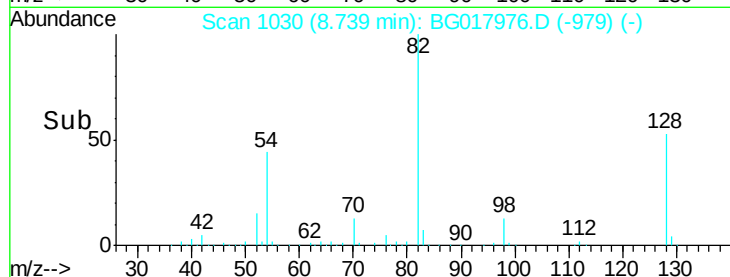
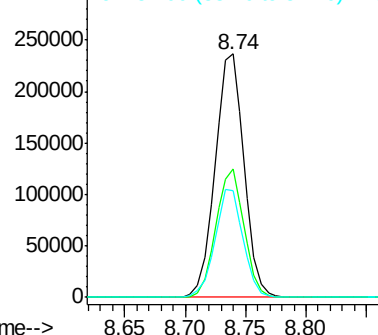
#23
Nitrobenzene-d5
Concen: 48.98 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017976.D
Acq: 20 Jul 2015 2:26

Instrument :
BNA_G
ClientSampleId :
TP-7D12

Tgt Ion: 82 Resp: 393954
Ion Ratio Lower Upper
82 100
128 52.9 37.8 56.6
54 44.0 39.9 59.9

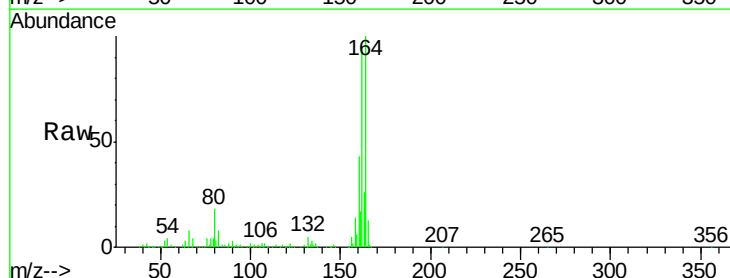


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

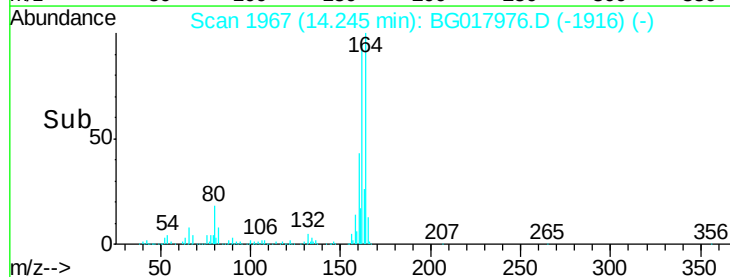
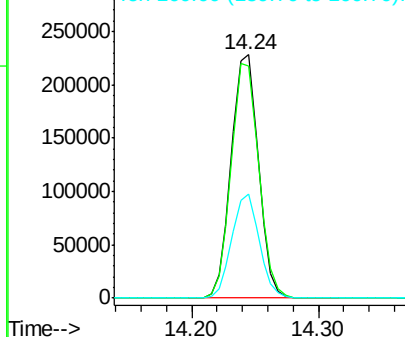


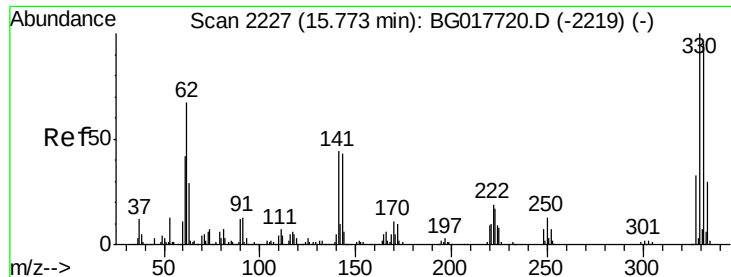
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG017976.D
Acq: 20 Jul 2015 2:26

Tgt Ion: 164 Resp: 337171
Ion Ratio Lower Upper
164 100
162 95.1 76.3 114.5
160 42.7 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

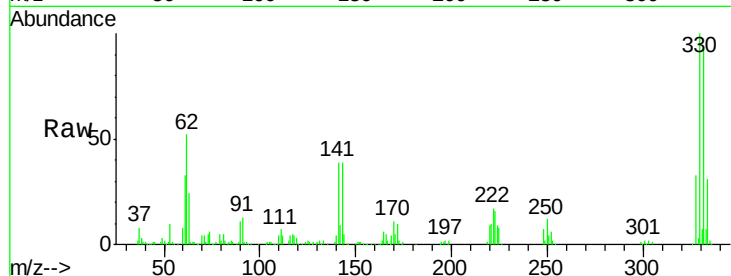




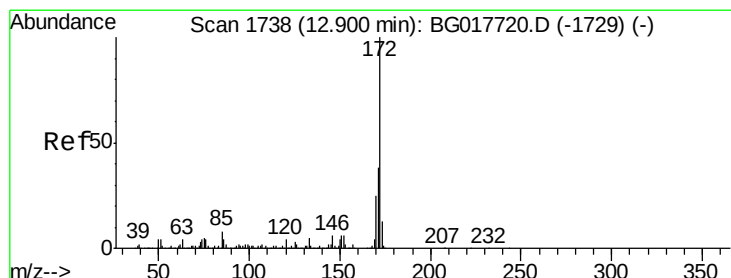
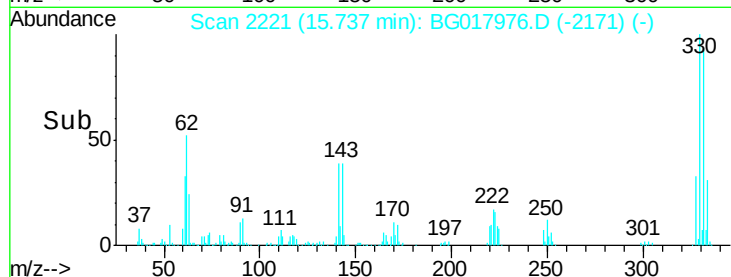
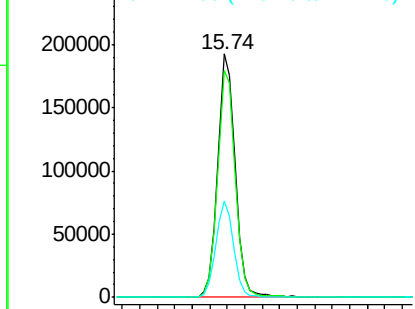
#41
 2,4,6-Tribromophenol
 Concen: 79.02 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017976.D
 Acq: 20 Jul 2015 2:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-7D12

Tgt Ion:330 Resp: 269919
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.8 115.2
 141 40.1 38.0 57.0

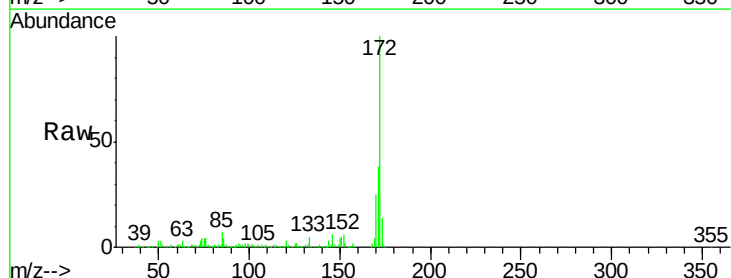


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

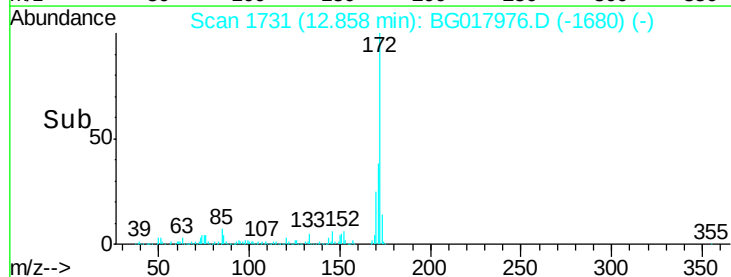
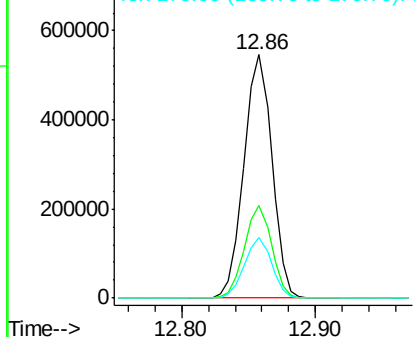


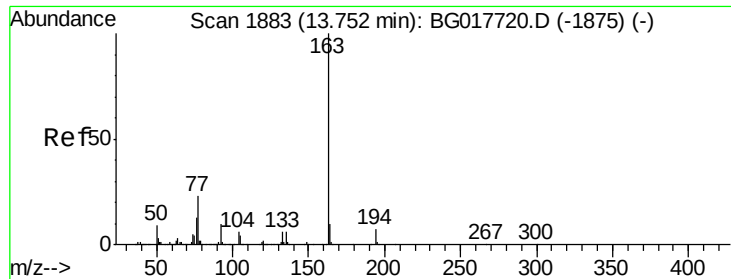
#44
 2-Fluorobiphenyl
 Concen: 40.72 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017976.D
 Acq: 20 Jul 2015 2:26

Tgt Ion:172 Resp: 792267
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.7 46.1
 170 24.7 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





#49

Dimethylphthalate

Concen: 9.29 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

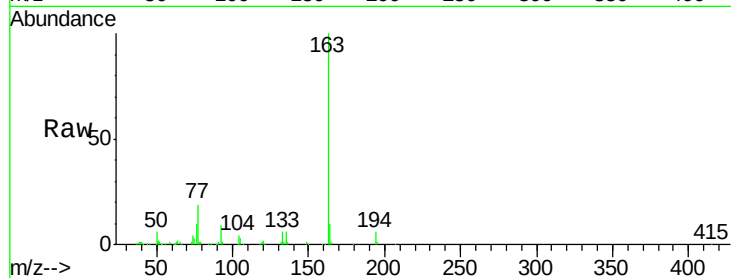
Instrument :

BNA_G

ClientSampleId :

TP-7D12

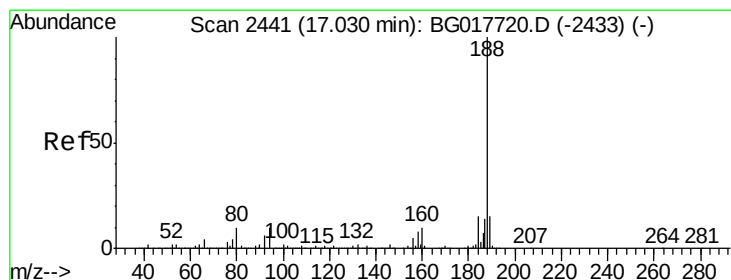
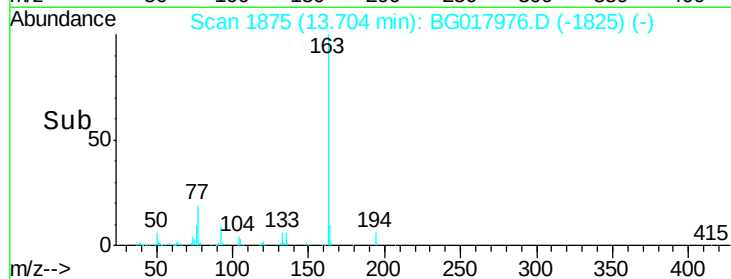
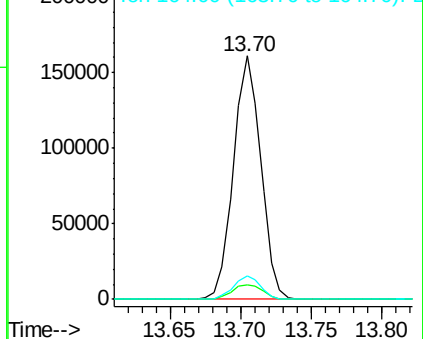
Tgt Ion:	163	Resp:	217539
Ion Ratio	Lower	Upper	
163	100		
194	6.1	5.8	8.6
164	9.9	8.3	12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

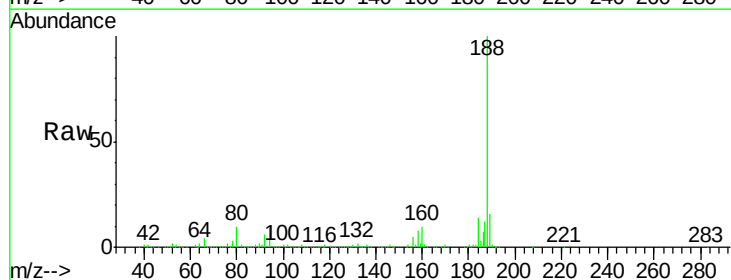
RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

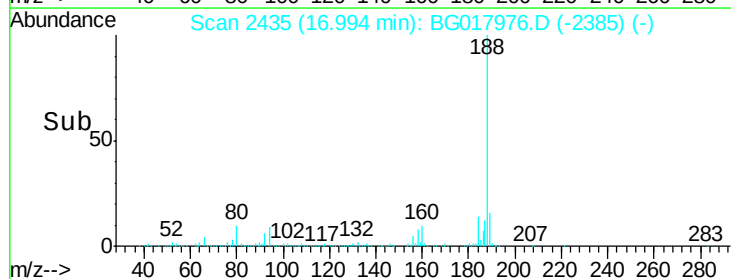
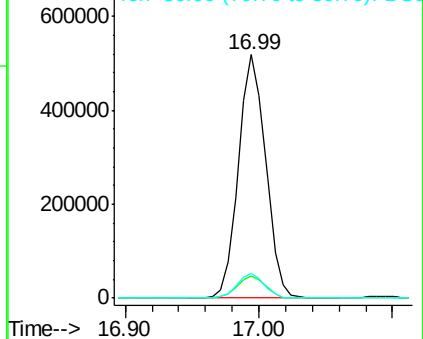
Tgt Ion:	188	Resp:	731357
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.2	12.2
80	10.0	8.2	12.4

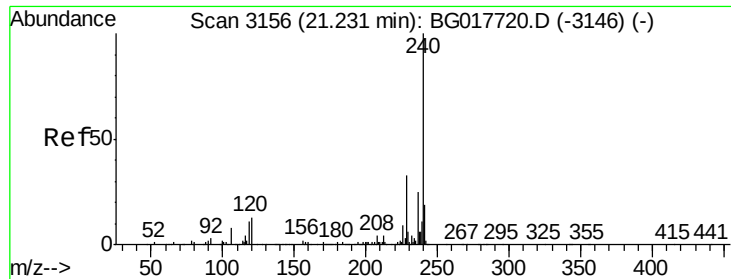


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

Instrument :

BNA_G

ClientSampleId :

TP-7D12

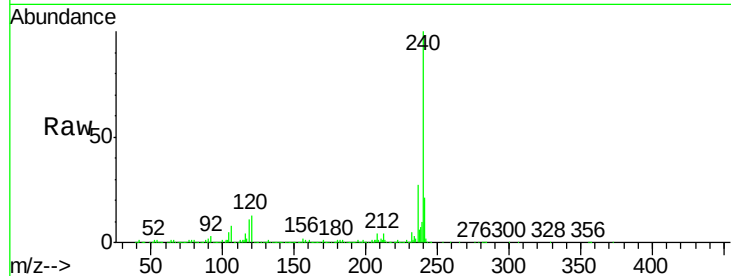
Tgt Ion:240 Resp: 741187

Ion Ratio Lower Upper

240 100

120 12.6 10.8 16.2

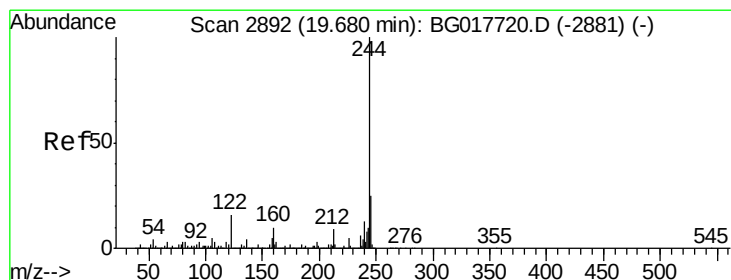
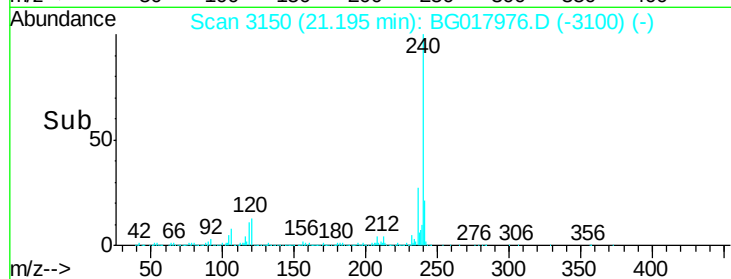
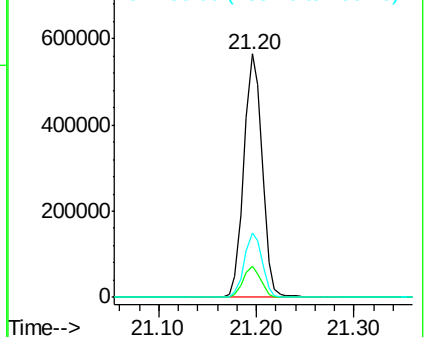
236 26.7 20.0 30.0



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: 34.75 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

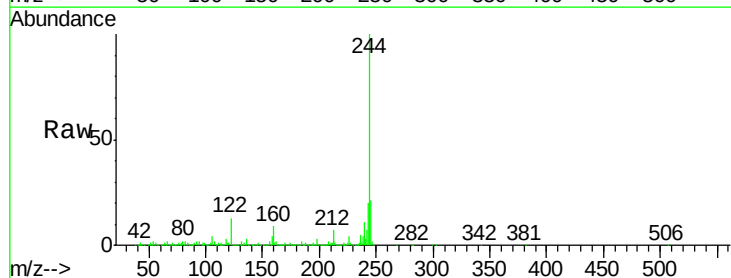
Tgt Ion:244 Resp: 1022400

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

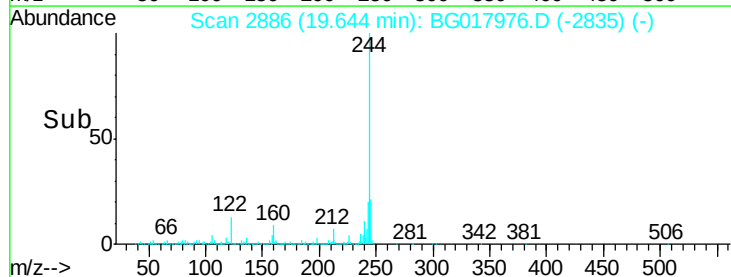
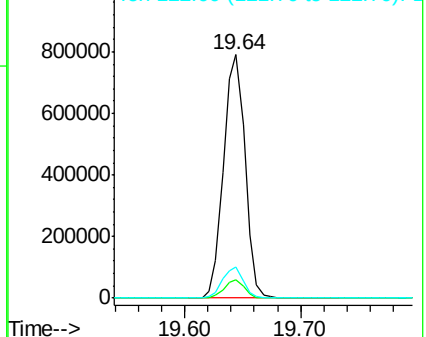
122 12.9 12.8 19.2

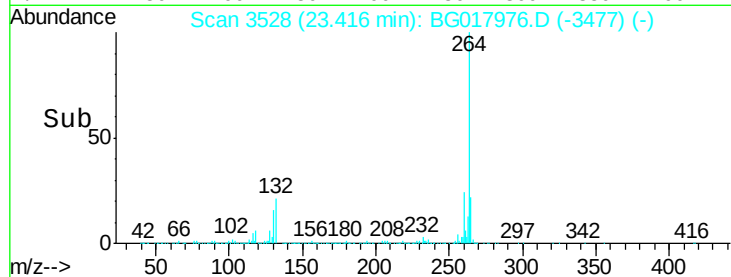
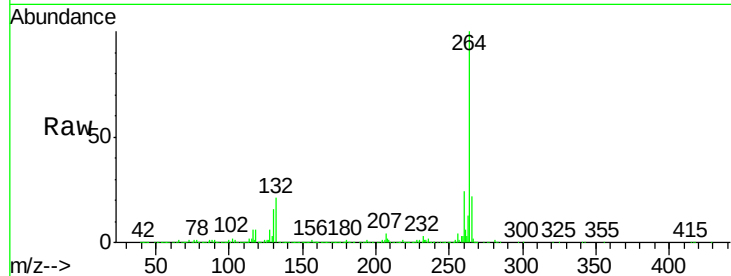
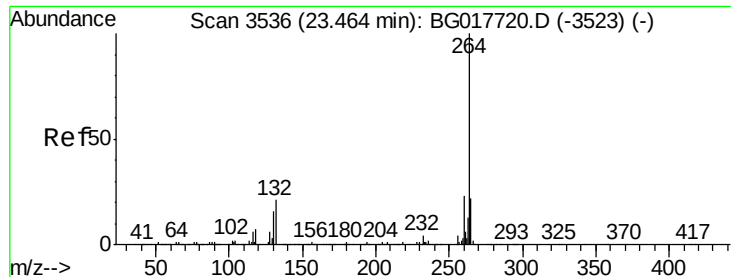


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.42 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG017976.D

Acq: 20 Jul 2015 2:26

Instrument :

BNA_G

ClientSampleId :

TP-7D12

Tgt Ion: 264 Resp: 731031

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.9 18.2 27.2

