

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017941.D
 Acq On : 18 Jul 2015 00:28
 Operator : TP/UM
 Sample : G2966-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-011

Quant Time: Jul 18 02:34:10 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

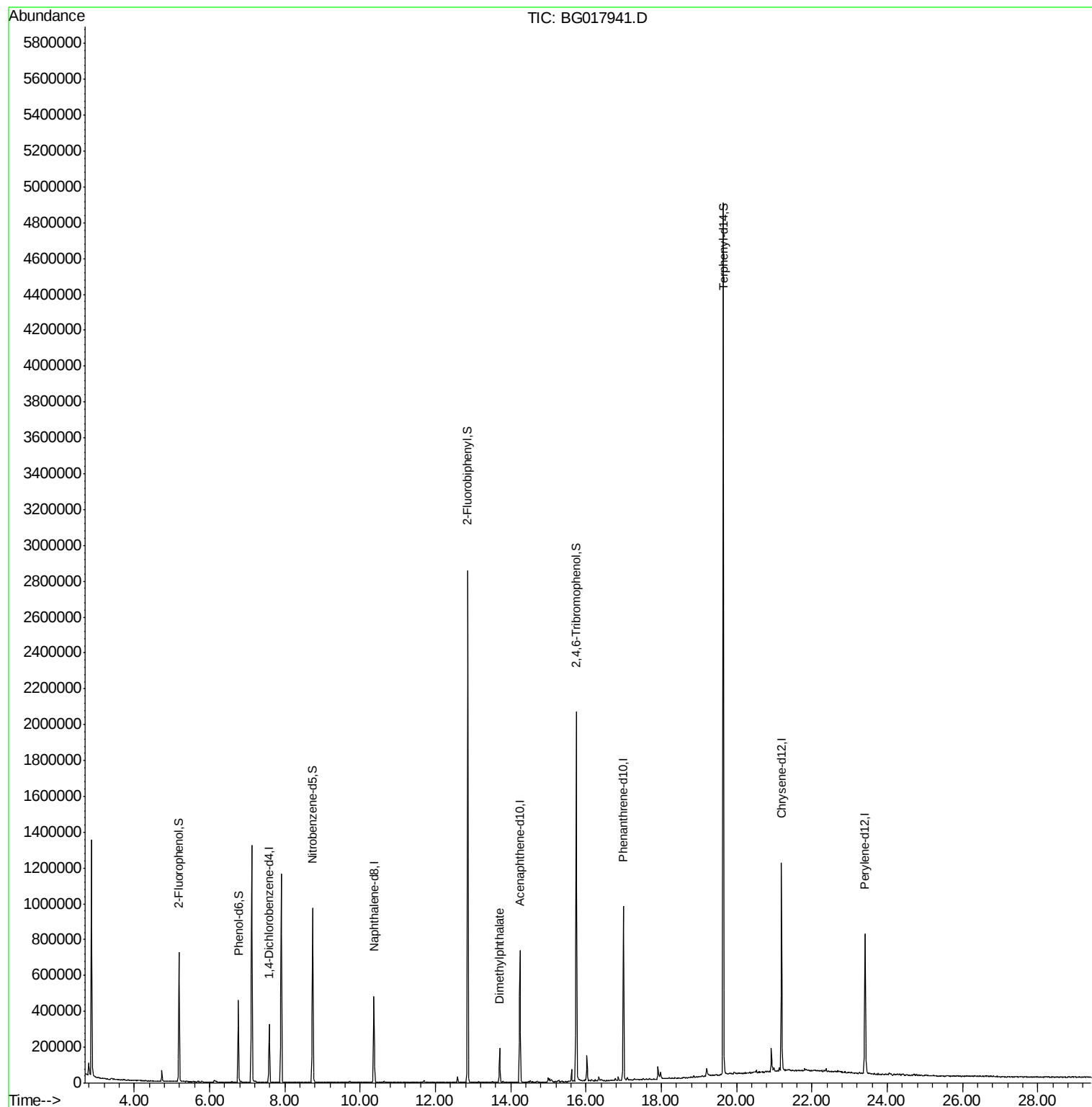
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	87770	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	406258	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	250162	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	535175	20.00	ng	0.00
75) Chrysene-d12	21.19	240	528686	20.00	ng	0.00
86) Perylene-d12	23.41	264	516157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	312592	62.13	ng	0.00
7) Phenol-d6	6.76	99	267470	40.58	ng	0.00
23) Nitrobenzene-d5	8.74	82	561383	89.50	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	350561	138.31	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1343053	93.04	ng	0.00
78) Terphenyl-d14	19.64	244	1932235	92.06	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	64	Below Cal	#	1
49) Dimethylphthalate	13.70	163	117655	6.77	ng	99
53) 2,4-Dinitrophenol	14.15	184	62	Below Cal	#	24

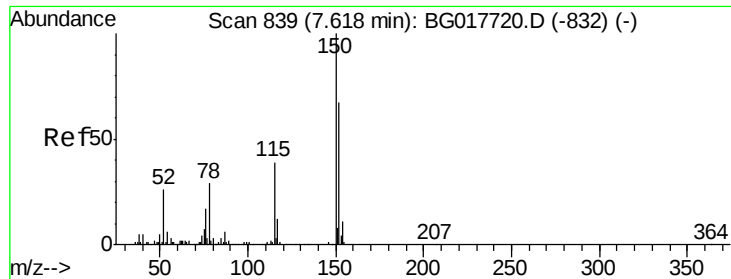
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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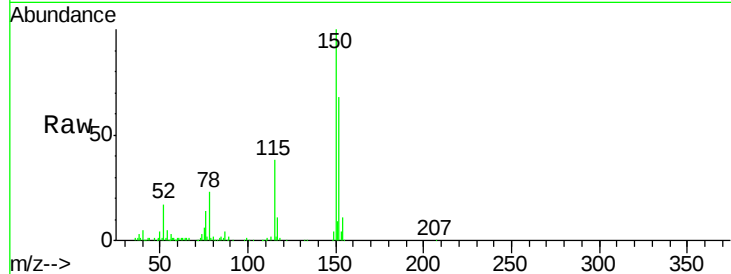


#1

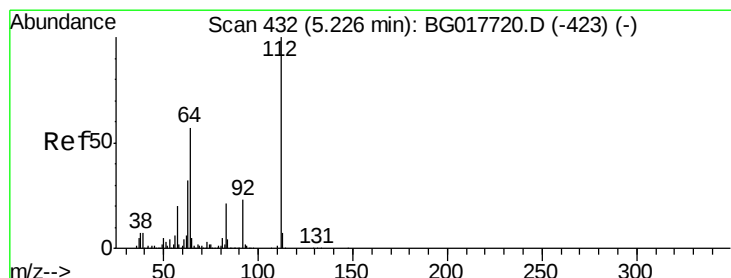
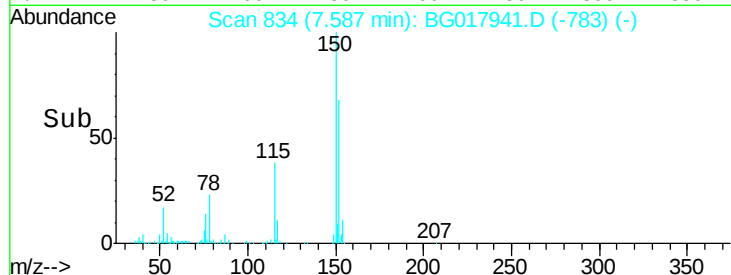
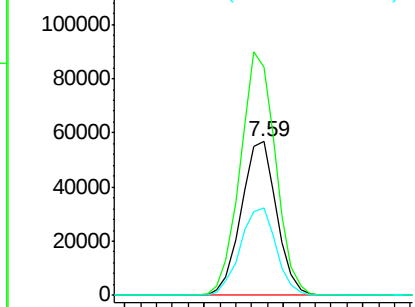
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017941.D
Acq: 18 Jul 2015 00:28

Instrument :
BNA_G
ClientSampleId :
PO-011

Tgt Ion:152 Resp: 87770
Ion Ratio Lower Upper
152 100
150 147.9 119.1 178.7
115 56.9 47.0 70.4



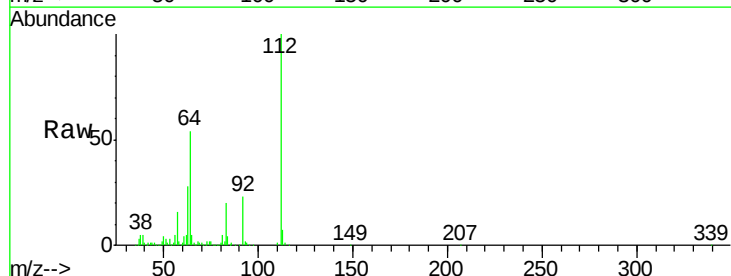
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



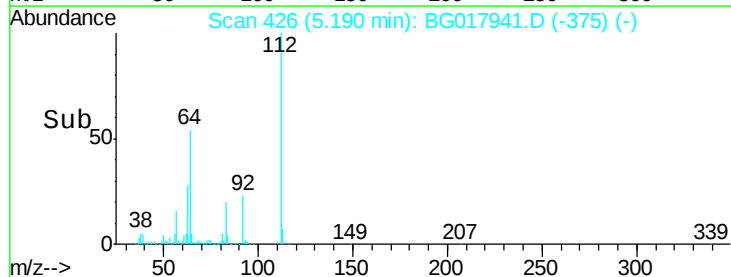
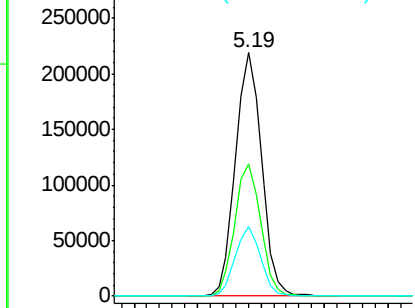
#5

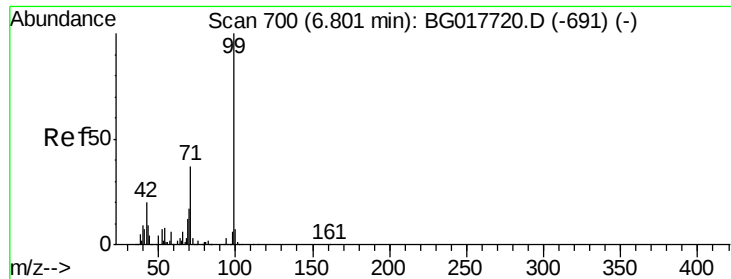
2-Fluorophenol
Concen: 62.13 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017941.D
Acq: 18 Jul 2015 00:28

Tgt Ion:112 Resp: 312592
Ion Ratio Lower Upper
112 100
64 54.3 45.4 68.0
63 28.3 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 40.58 ng

RT: 6.76 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017941.D

Acq: 18 Jul 2015 00:28

Instrument :

BNA_G

ClientSampleId :

PO-011

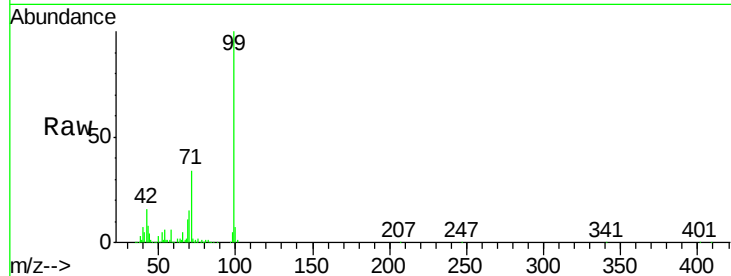
Tgt Ion: 99 Resp: 267470

Ion Ratio Lower Upper

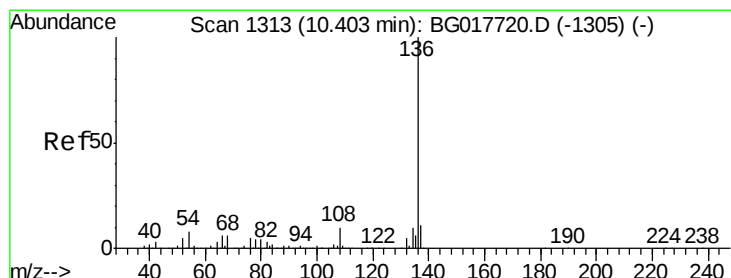
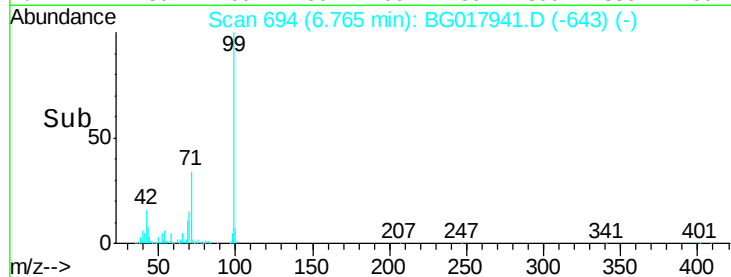
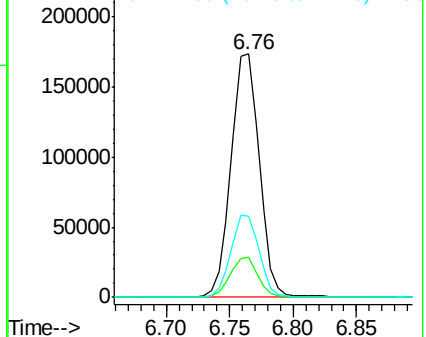
99 100

42 16.5 16.2 24.4

71 33.5 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: BG017941.D

Acq: 18 Jul 2015 00:28

Tgt Ion: 136 Resp: 406258

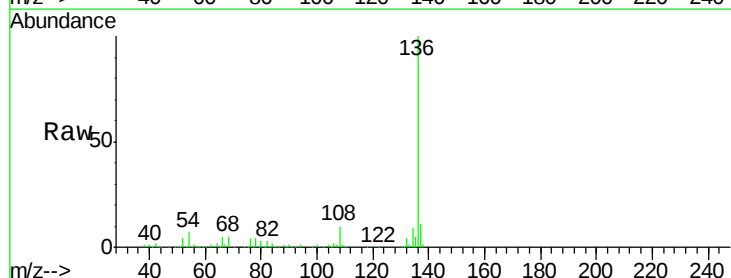
Ion Ratio Lower Upper

136 100

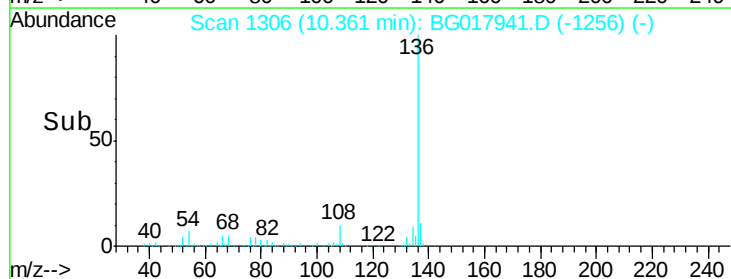
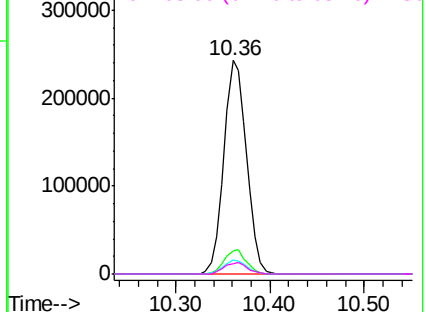
137 10.9 8.8 13.2

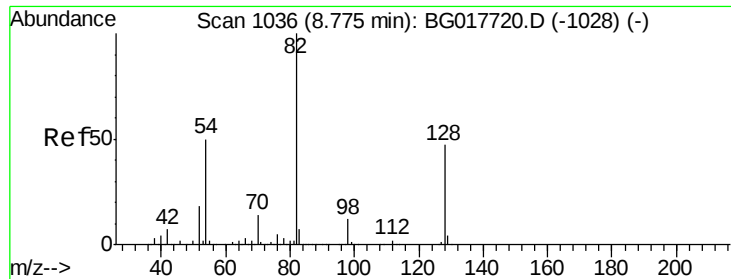
54 6.6 6.6 9.8

68 5.0 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

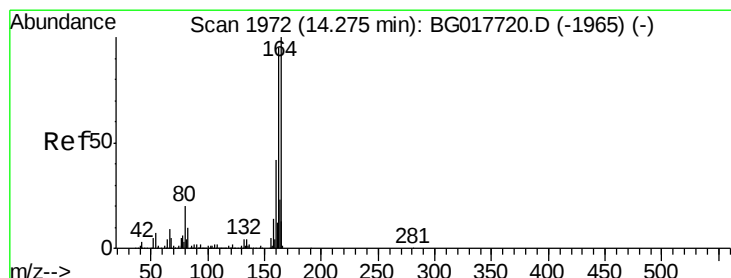
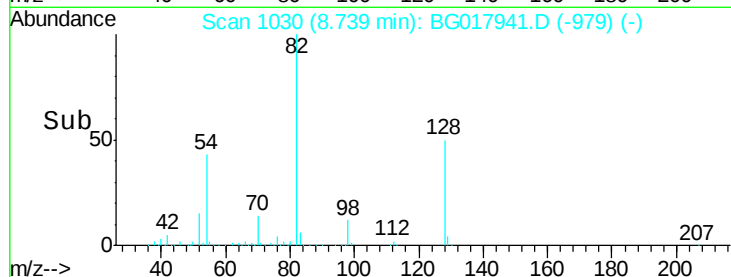
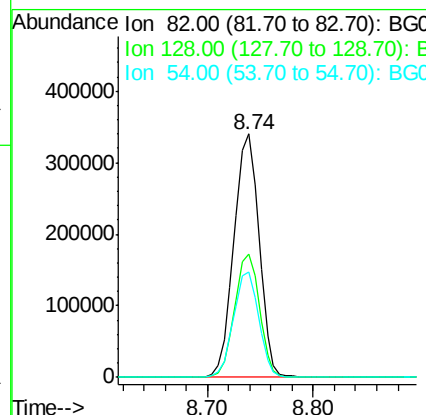
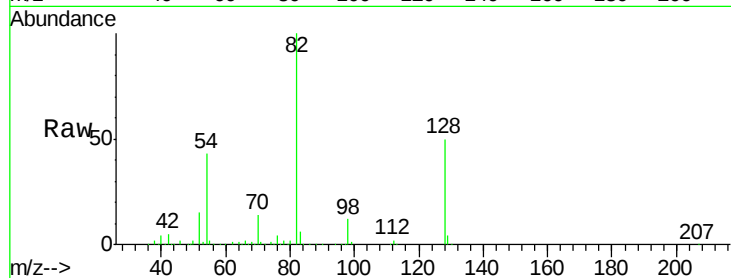




#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017941.D
 Acq: 18 Jul 2015 00:28

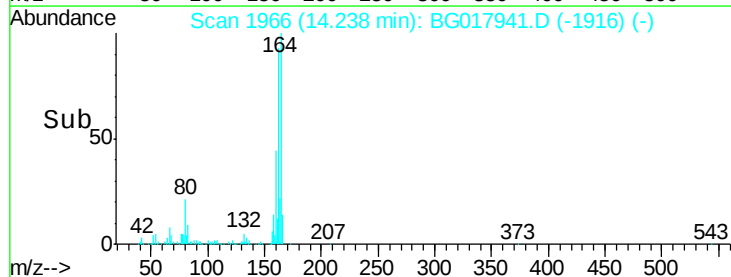
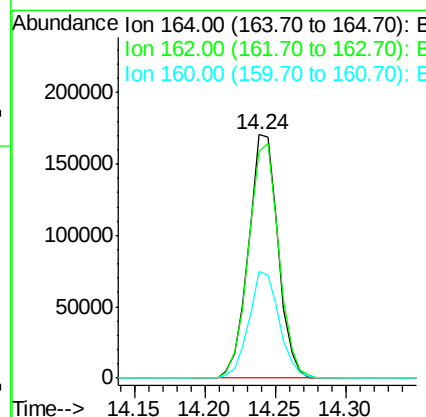
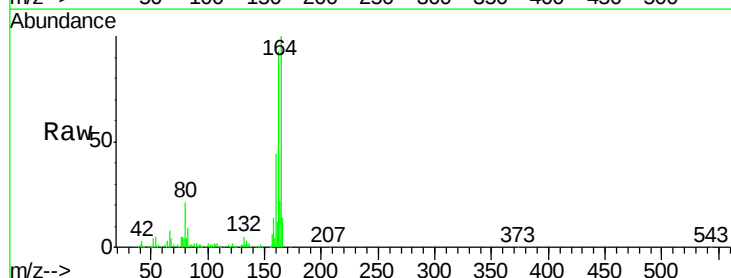
Instrument :
 BNA_G
 ClientSampled :
 PO-011

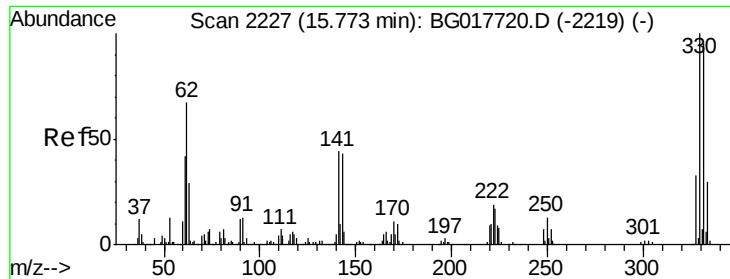
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.4	37.8	56.6
54	43.4	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017941.D
 Acq: 18 Jul 2015 00:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.3	76.3	114.5
160	43.7	33.7	50.5

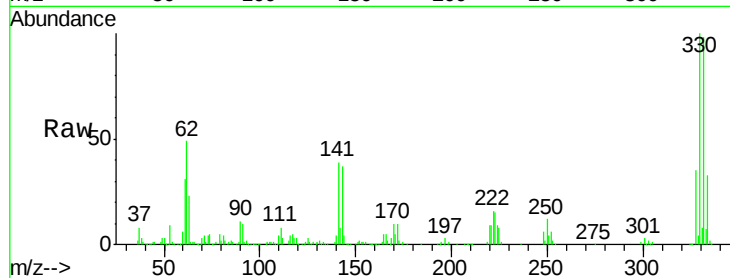




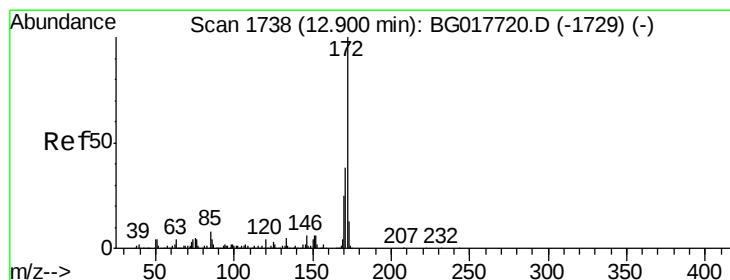
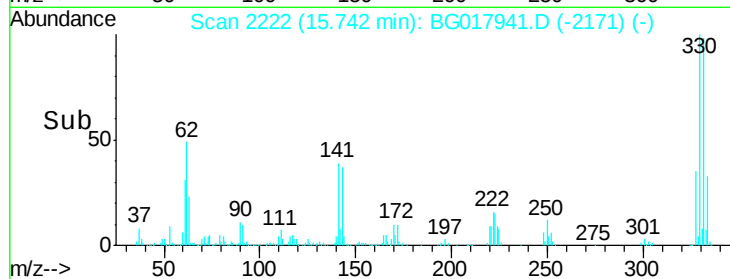
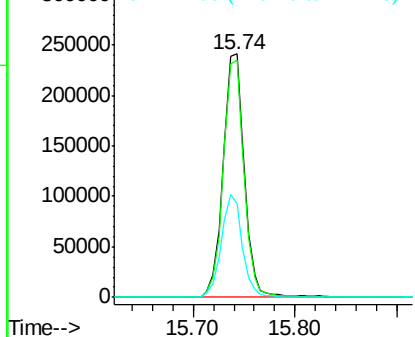
#41
 2,4,6-Tribromophenol
 Concen: 138.31 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017941.D
 Acq: 18 Jul 2015 00:28

Instrument :
 BNA_G
 ClientSampleId :
 PO-011

Tgt Ion:330 Resp: 350561
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 41.8 38.0 57.0

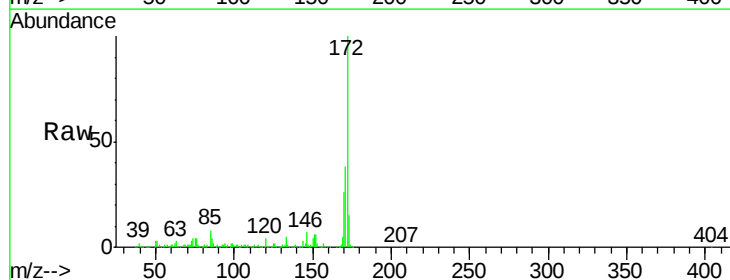


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

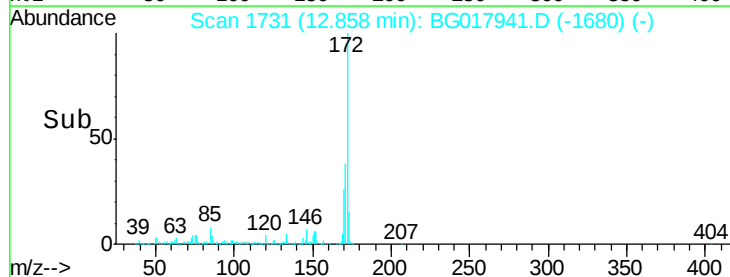
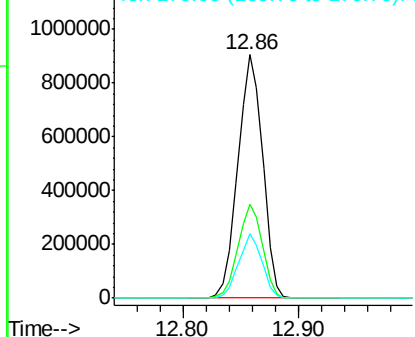


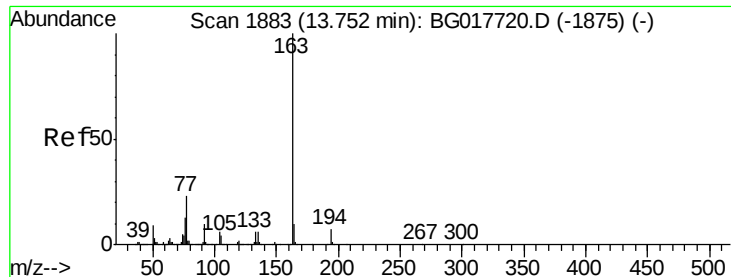
#44
 2-Fluorobiphenyl
 Concen: 93.04 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017941.D
 Acq: 18 Jul 2015 00:28

Tgt Ion:172 Resp: 1343053
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.7 46.1
 170 26.3 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: 6.77 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017941.D

Acq: 18 Jul 2015 00:28

Instrument :

BNA_G

ClientSampleId :

PO-011

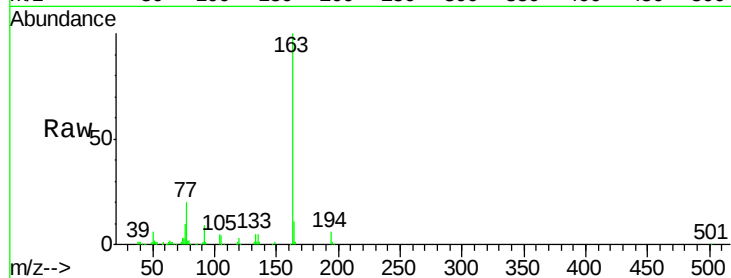
Tgt Ion:163 Resp: 117655

Ion Ratio Lower Upper

163 100

194 6.1 5.8 8.6

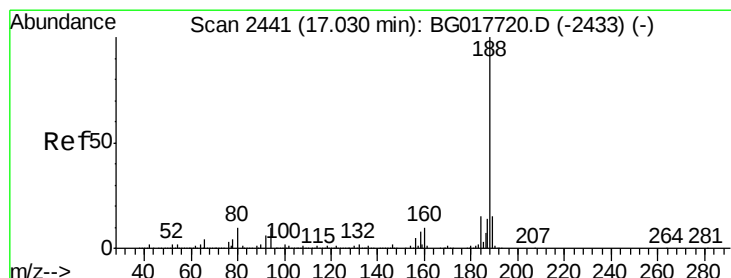
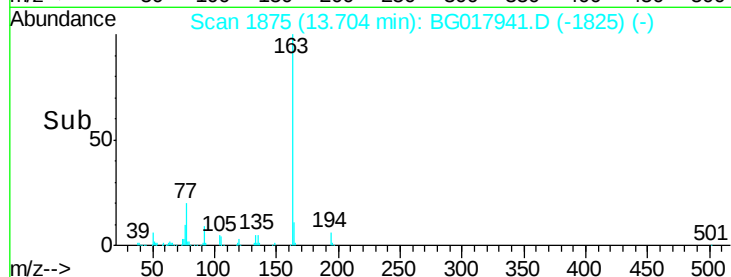
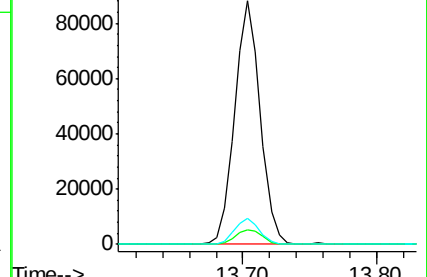
164 10.5 8.3 12.5



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: BG017941.D

Acq: 18 Jul 2015 00:28

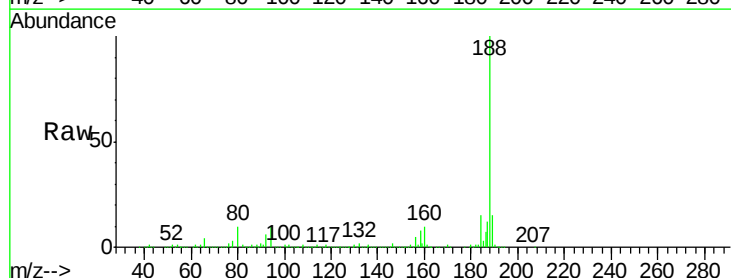
Tgt Ion:188 Resp: 535175

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

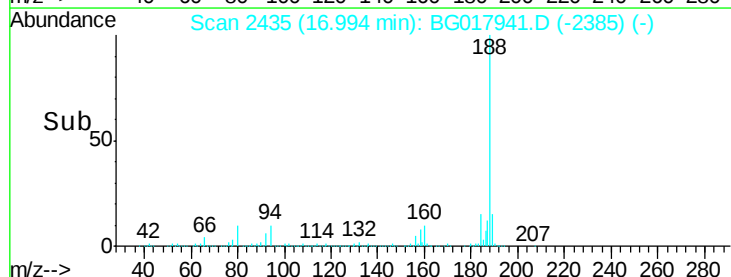
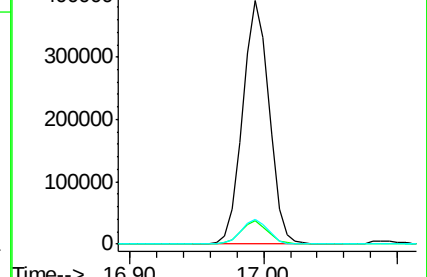
80 10.2 8.2 12.4

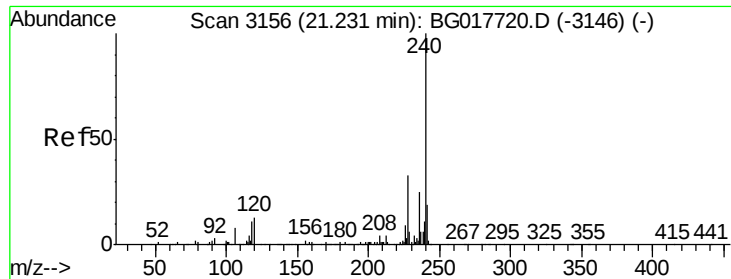


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017941.D

Acq: 18 Jul 2015 00:28

Instrument :

BNA_G

ClientSampled :

PO-011

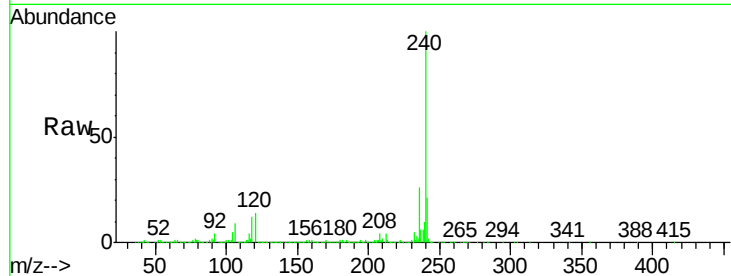
Tgt Ion:240 Resp: 528686

Ion Ratio Lower Upper

240 100

120 14.0 10.8 16.2

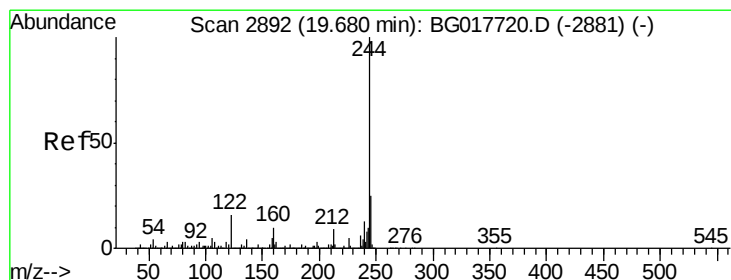
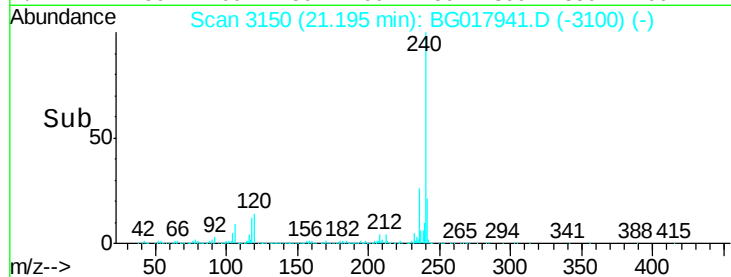
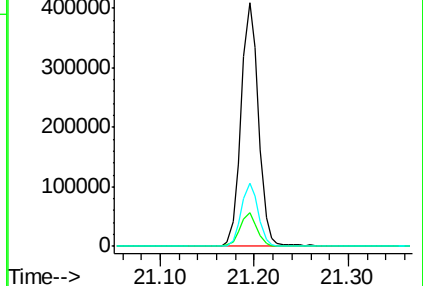
236 26.0 20.0 30.0



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: 92.06 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017941.D

Acq: 18 Jul 2015 00:28

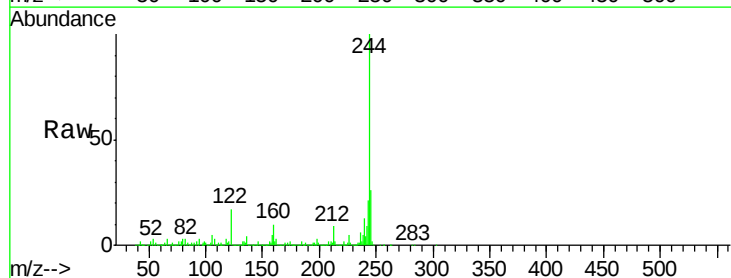
Tgt Ion:244 Resp: 1932235

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

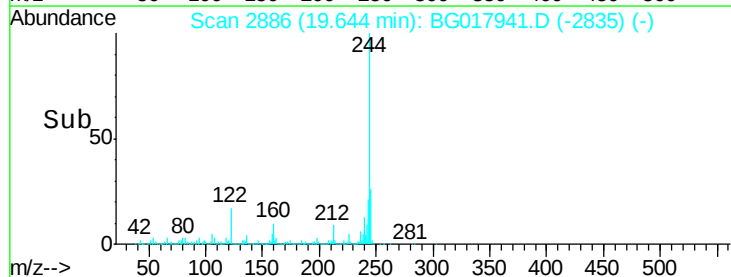
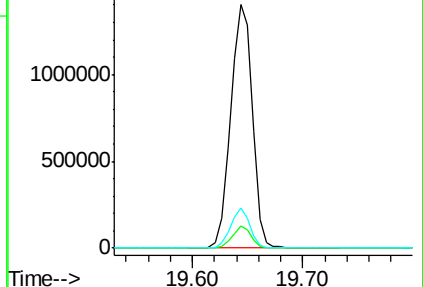
122 16.6 12.8 19.2

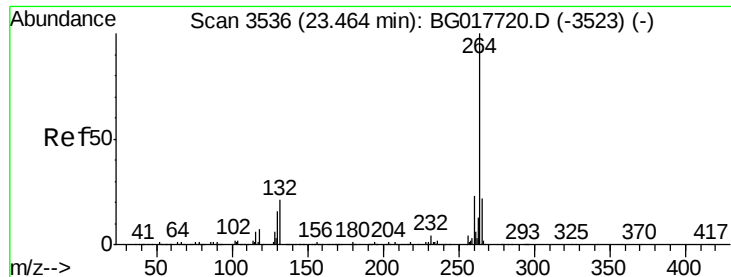


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

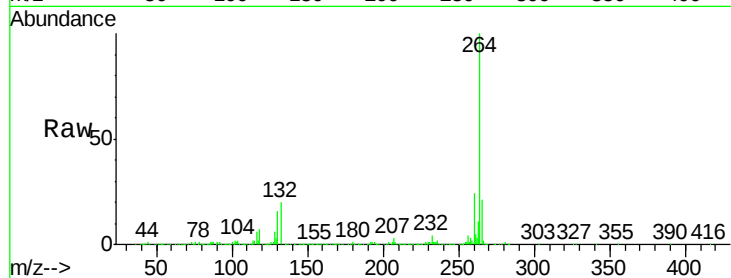




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017941.D
Acq: 18 Jul 2015 00:28

Instrument :
BNA_G
ClientSampleId :
PO-011

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.5	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

