

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018735.D
 Acq On : 17 Sep 2015 12:43
 Operator : TP
 Sample : PB85527BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85527BL

Quant Time: Sep 18 03:52:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38776	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	157930	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	117173	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	344535	20.00	ng	0.00
75) Chrysene-d12	21.63	240	380508	20.00	ng	0.00
86) Perylene-d12	24.81	264	378443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	281638	125.47	ng	0.00
7) Phenol-d6	7.16	99	391094	121.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	213753	75.74	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	213587	135.38	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	617020	73.10	ng	0.00
78) Terphenyl-d14	19.98	244	1159036	79.99	ng	0.00

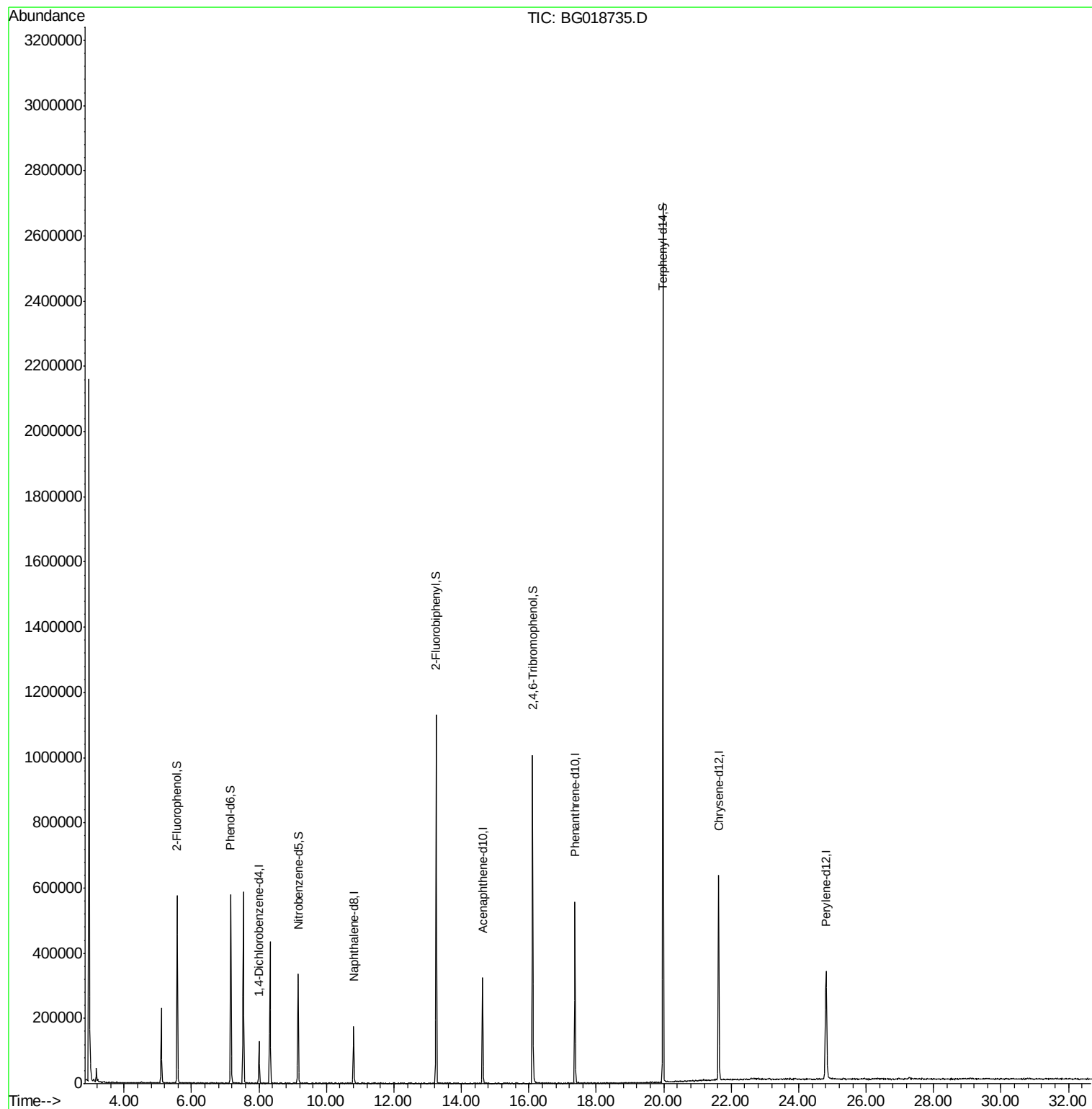
Target Compounds Qvalue

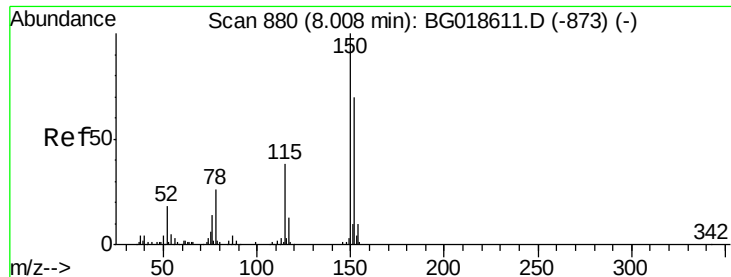
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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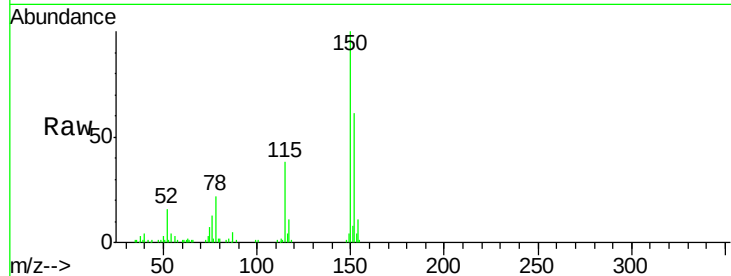


#1

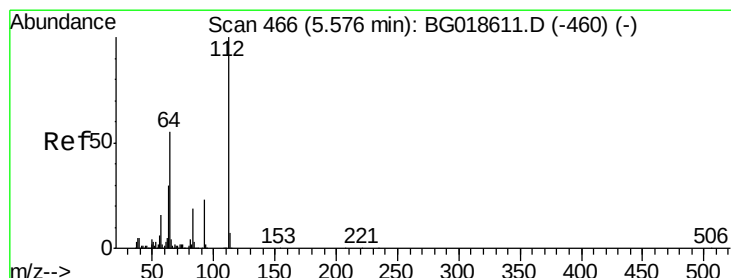
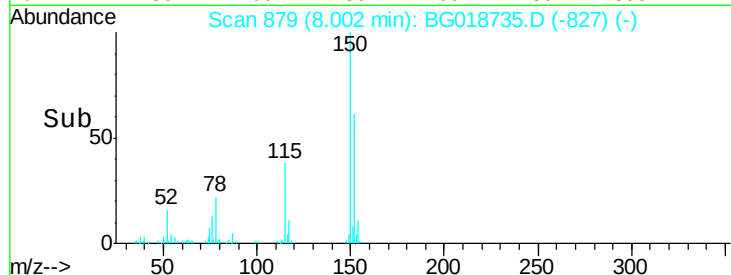
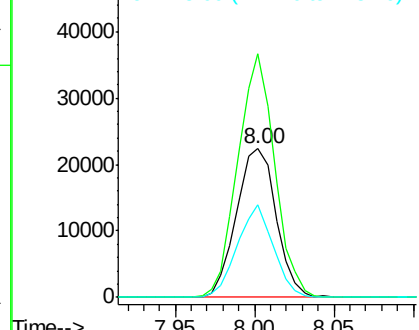
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018735.D
Acq: 17 Sep 2015 12:43

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tot Ion	152	Resp	38776
Ion Ratio	Lower	Upper	
152	100		
150	163.8	115.0	172.4
115	61.9	43.9	65.9



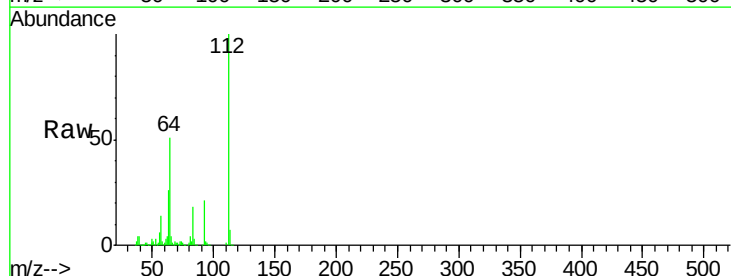
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



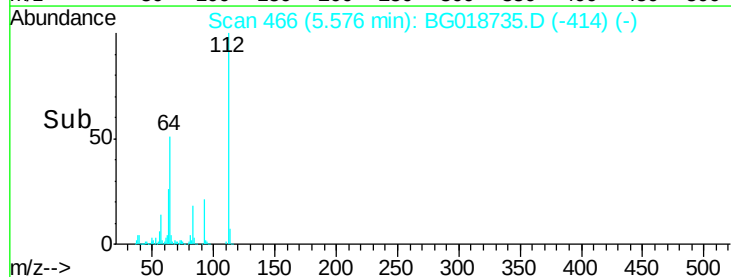
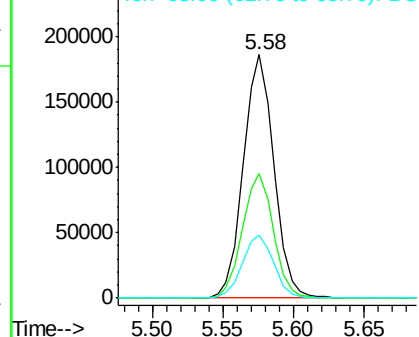
#5

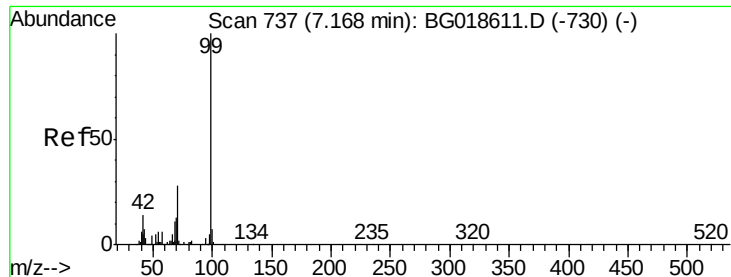
2-Fluorophenol
Concen: 125.47 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018735.D
Acq: 17 Sep 2015 12:43

Tgt Ion	112	Resp	281638
Ion Ratio	Lower	Upper	
112	100		
64	51.2	43.7	65.5
63	26.0	24.0	36.0



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





#7

Phenol-d6

Concen: 121.52 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018735.D

Acq: 17 Sep 2015 12:43

Instrument :

BNA_G

ClientSampleId :

PB85527BL

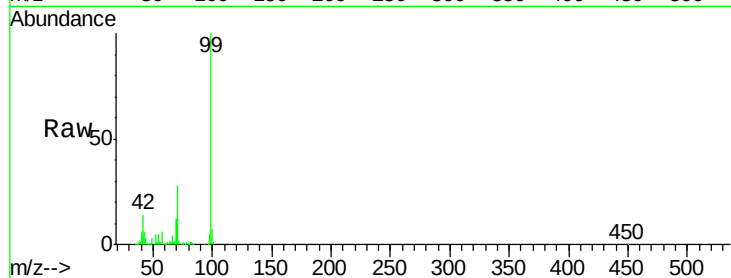
Tot Ion: 99 Resp: 391094

Ion Ratio Lower Upper

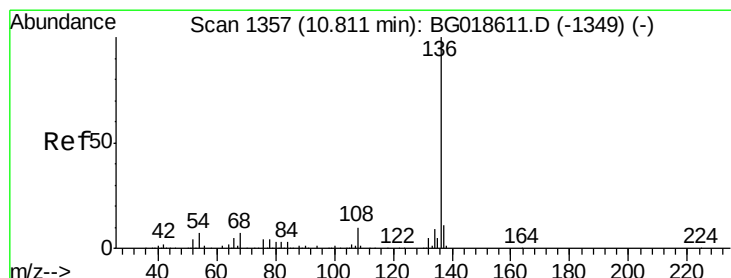
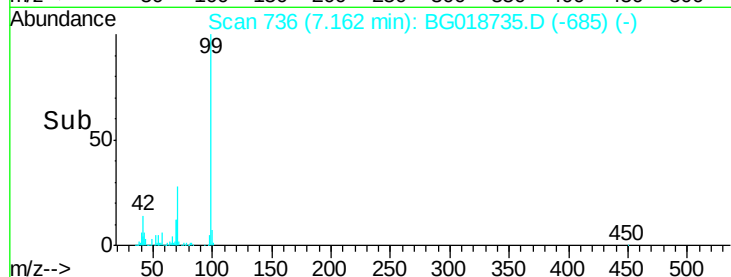
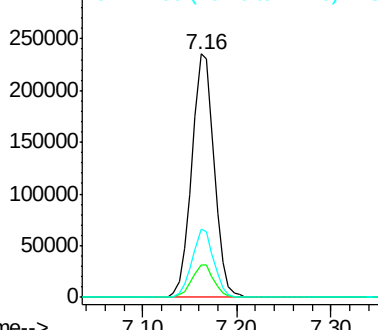
99 100

42 13.5 11.5 17.3

71 28.2 22.6 34.0



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: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018735.D

Acq: 17 Sep 2015 12:43

Tgt Ion: 136 Resp: 157930

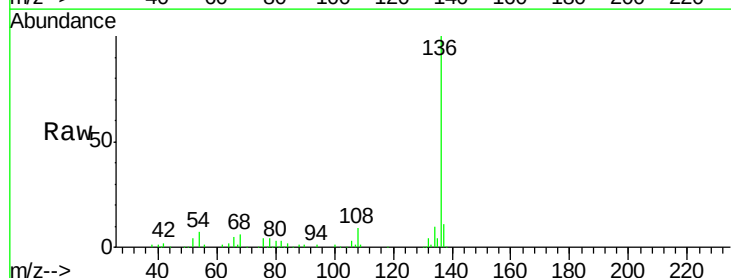
Ion Ratio Lower Upper

136 100

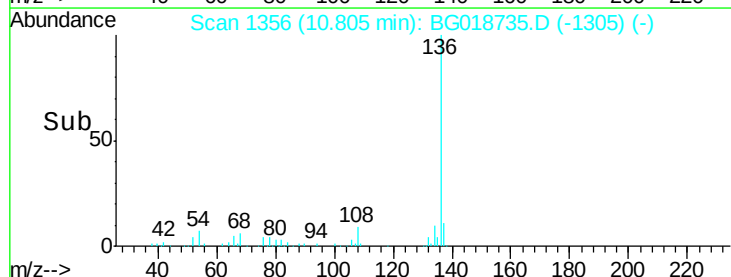
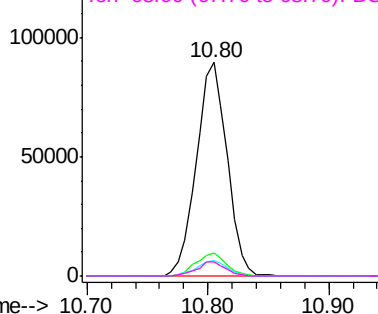
137 11.0 8.6 12.8

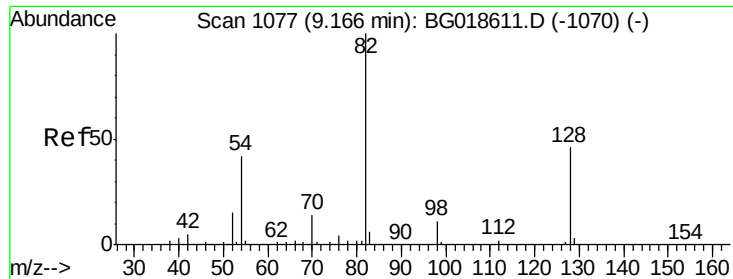
54 7.0 5.4 8.2

68 6.4 5.3 7.9



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

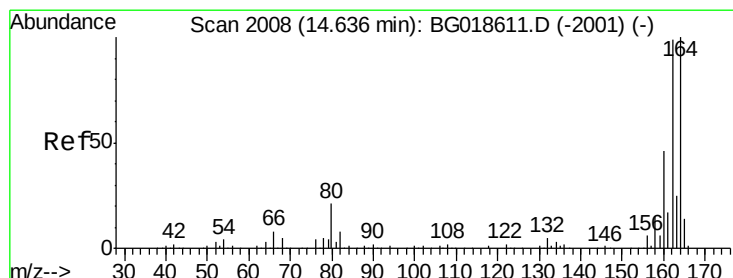
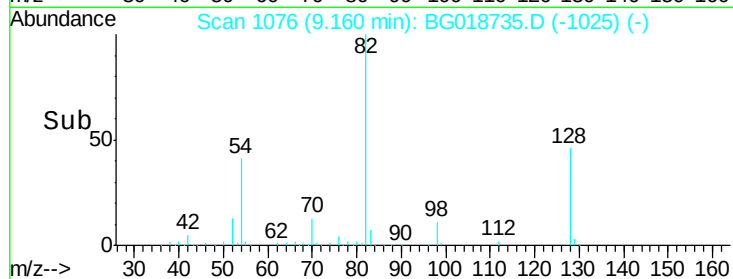
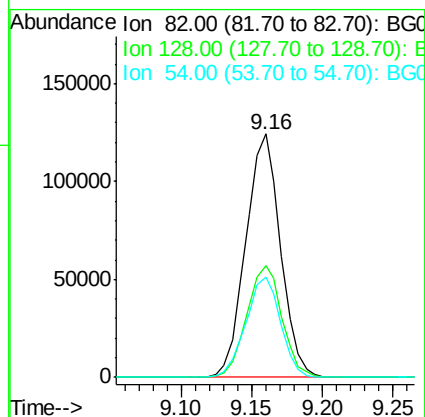
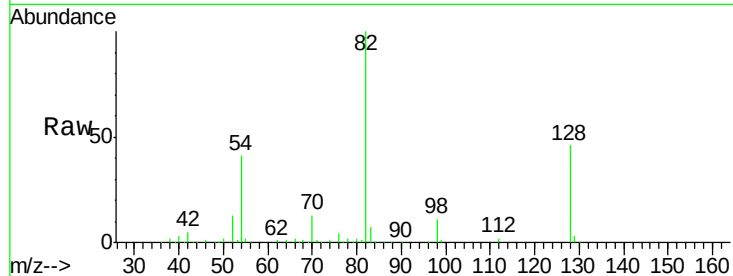




#23
 Nitrobenzene-d5
 Concen: 75.74 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018735.D
 Acq: 17 Sep 2015 12:43

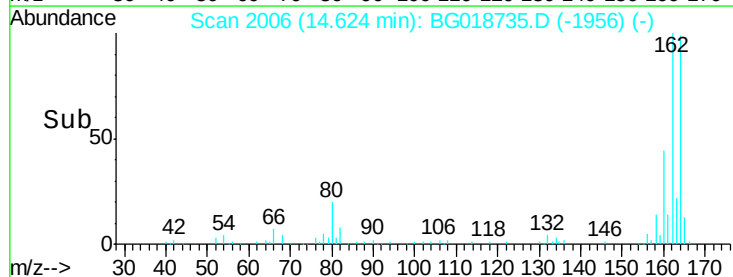
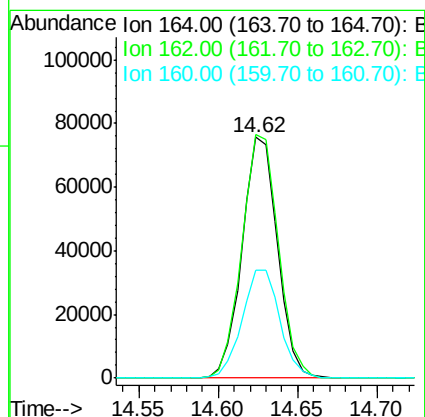
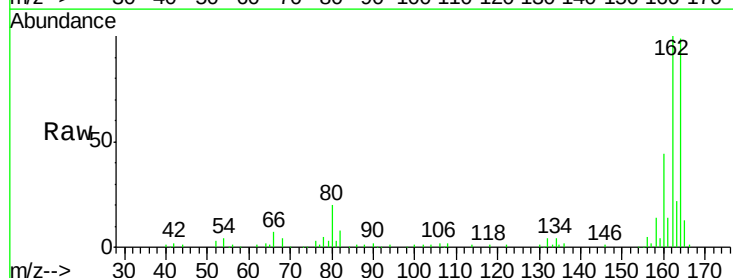
Instrument :
 BNA_G
 ClientSampleId :
 PB85527BL

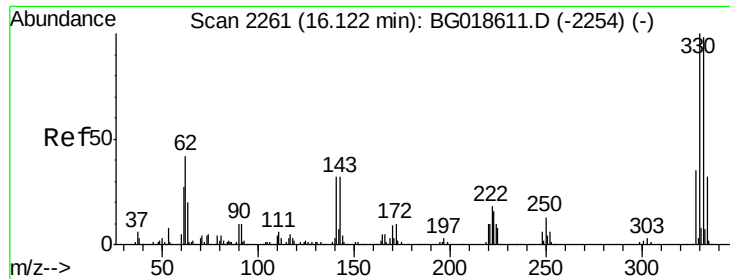
Tot Ion	82	Resp	213753
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.7	55.1
54	41.4	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018735.D
 Acq: 17 Sep 2015 12:43

Tgt Ion	164	Resp	117173
Ion Ratio	Lower	Upper	
164	100		
162	101.1	78.8	118.2
160	44.9	36.4	54.6

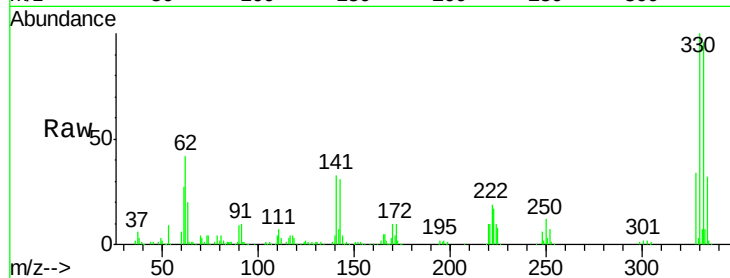




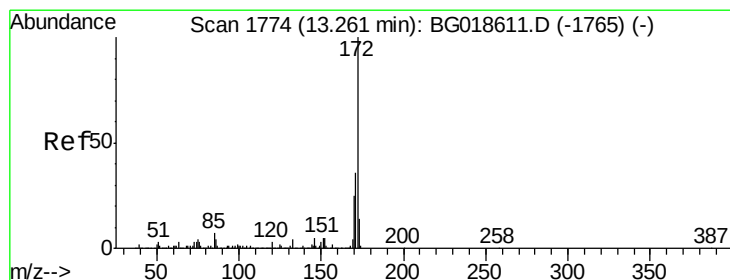
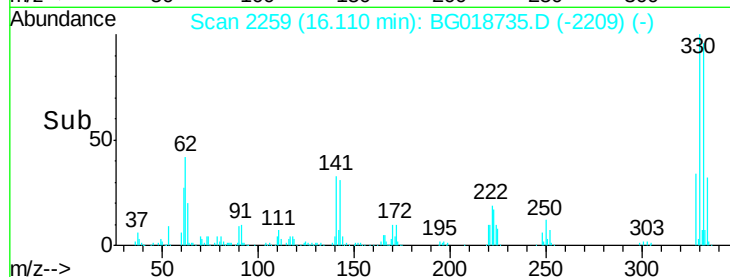
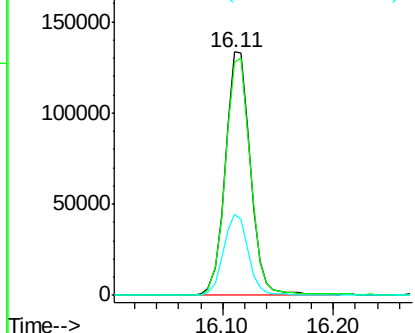
#41
 2,4,6-Tribromophenol
 Concen: 135.38 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BG018735.D
 Acq: 17 Sep 2015 12:43

Instrument :
 BNA_G
 ClientSampleId :
 PB85527BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	32.9	28.2	42.2

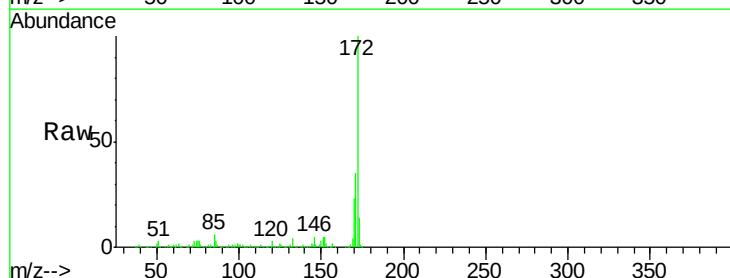


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

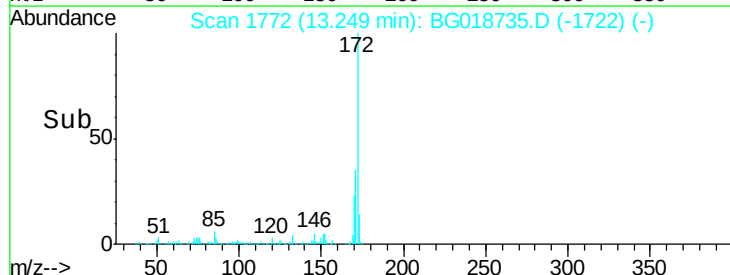
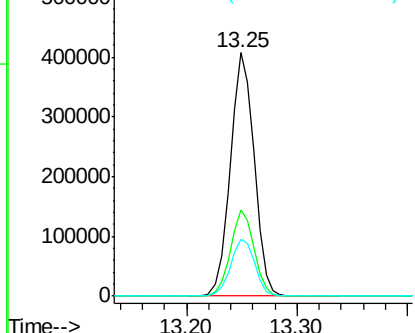


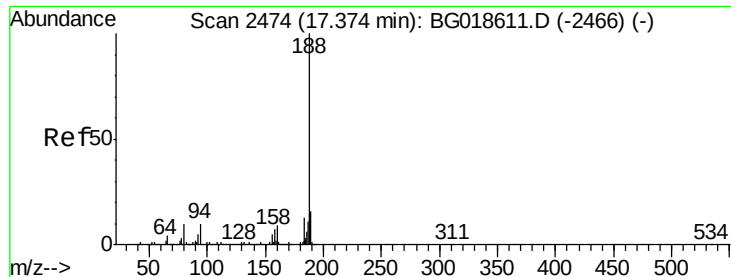
#44
 2-Fluorobiphenyl
 Concen: 73.10 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018735.D
 Acq: 17 Sep 2015 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.4	19.9	29.9



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

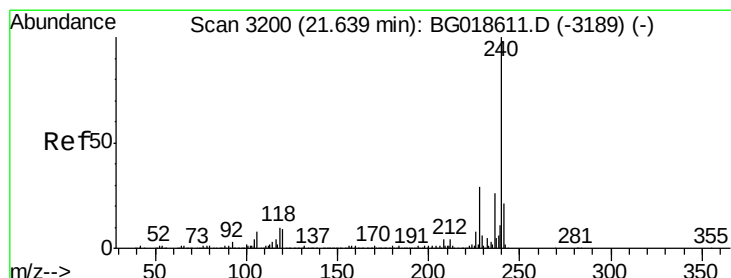
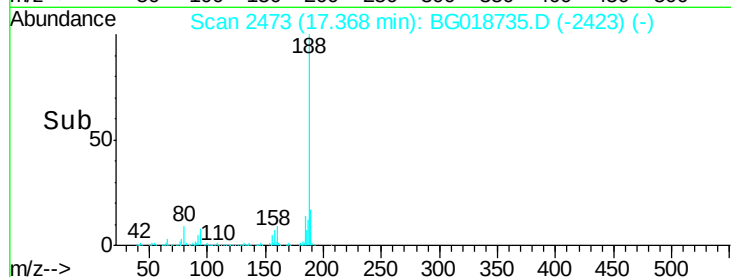
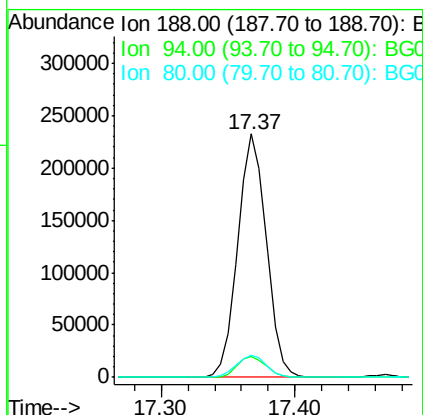
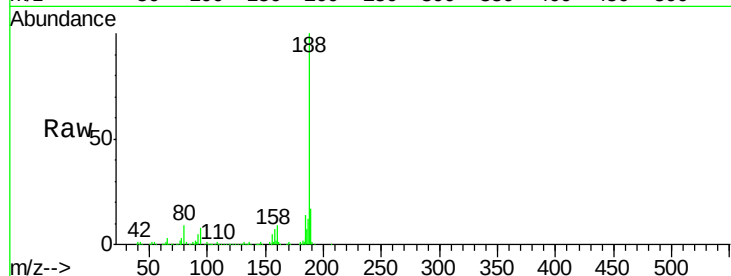




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018735.D
Acq: 17 Sep 2015 12:43

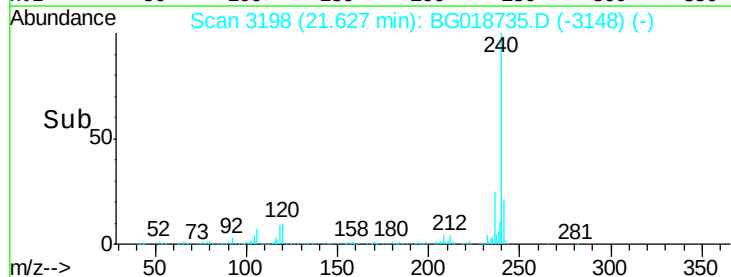
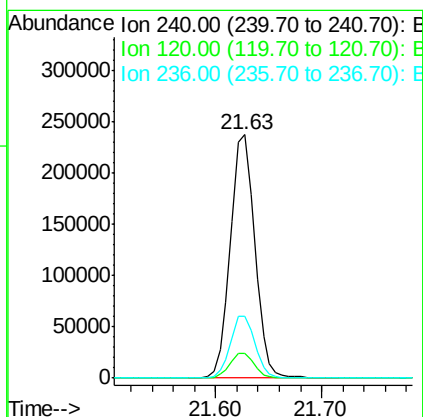
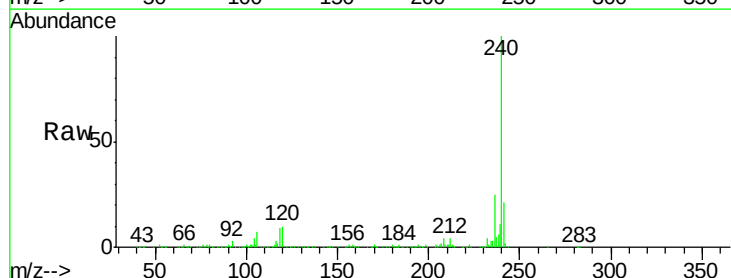
Instrument :
BNA_G
ClientSampleId :
PB85527BL

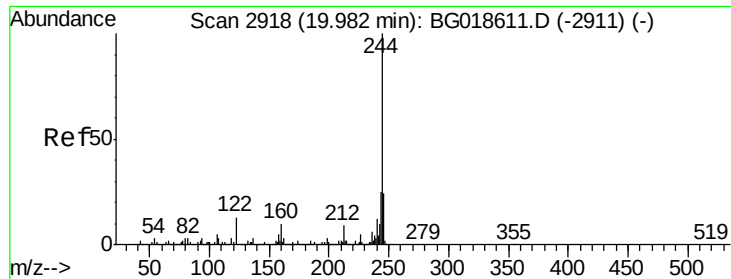
Tot Ion	188	Resp	344535
Ion Ratio	100		
Lower	7.7		
Upper	11.5		
94	8.4		
80	9.3		
7.8			
11.8			



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018735.D
Acq: 17 Sep 2015 12:43

Tgt Ion	240	Resp	380508
Ion Ratio	100		
Lower	7.4		
Upper	11.0		
120	9.9		
236	25.5		
20.7			
31.1			





#78

Terphenyl-d14

Concen: 79.99 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018735.D

Acq: 17 Sep 2015 12:43

Instrument :

BNA_G

ClientSampleId :

PB85527BL

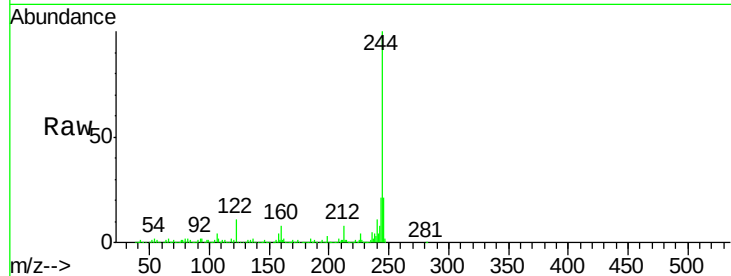
Tot Ion:244 Resp: 1159036

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

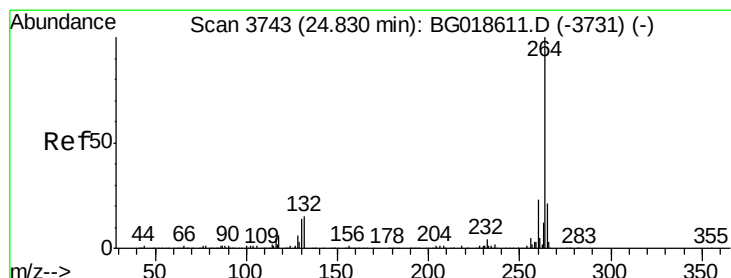
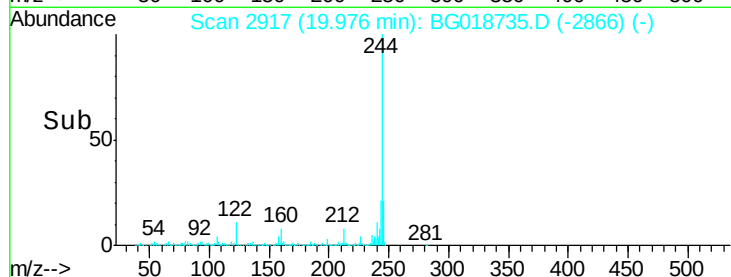
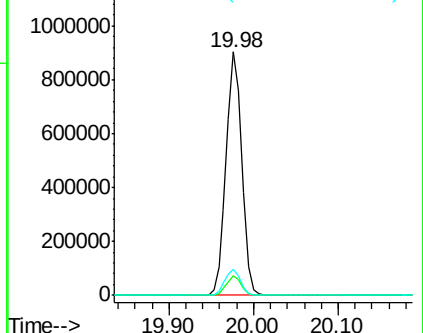
122 10.9 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018735.D

Acq: 17 Sep 2015 12:43

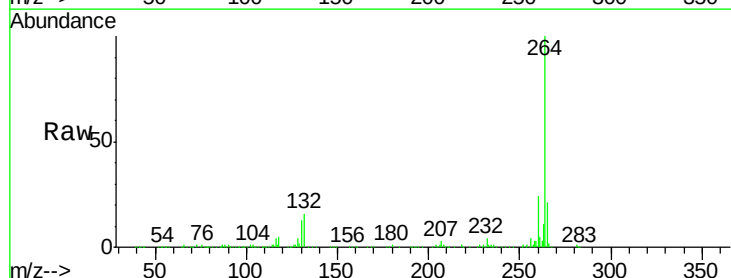
Tgt Ion:264 Resp: 378443

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.1 17.2 25.8



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

