

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016307.D
 Acq On : 10 Apr 2015 2:37
 Operator : TP/IZ
 Sample : PB82581BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

Quant Time: Apr 10 03:58:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	58969	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	269846	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	157955	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	350676	20.00	ng	0.00
75) Chrysene-d12	21.26	240	306196	20.00	ng	0.00
86) Perylene-d12	23.49	264	286687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	540409	144.63	ng	0.00
7) Phenol-d6	6.88	99	778326	138.76	ng	0.01
23) Nitrobenzene-d5	8.85	82	381257	81.85	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	152851	143.09	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	809220	87.23	ng	0.00
78) Terphenyl-d14	19.70	244	1041441	79.60	ng	0.00

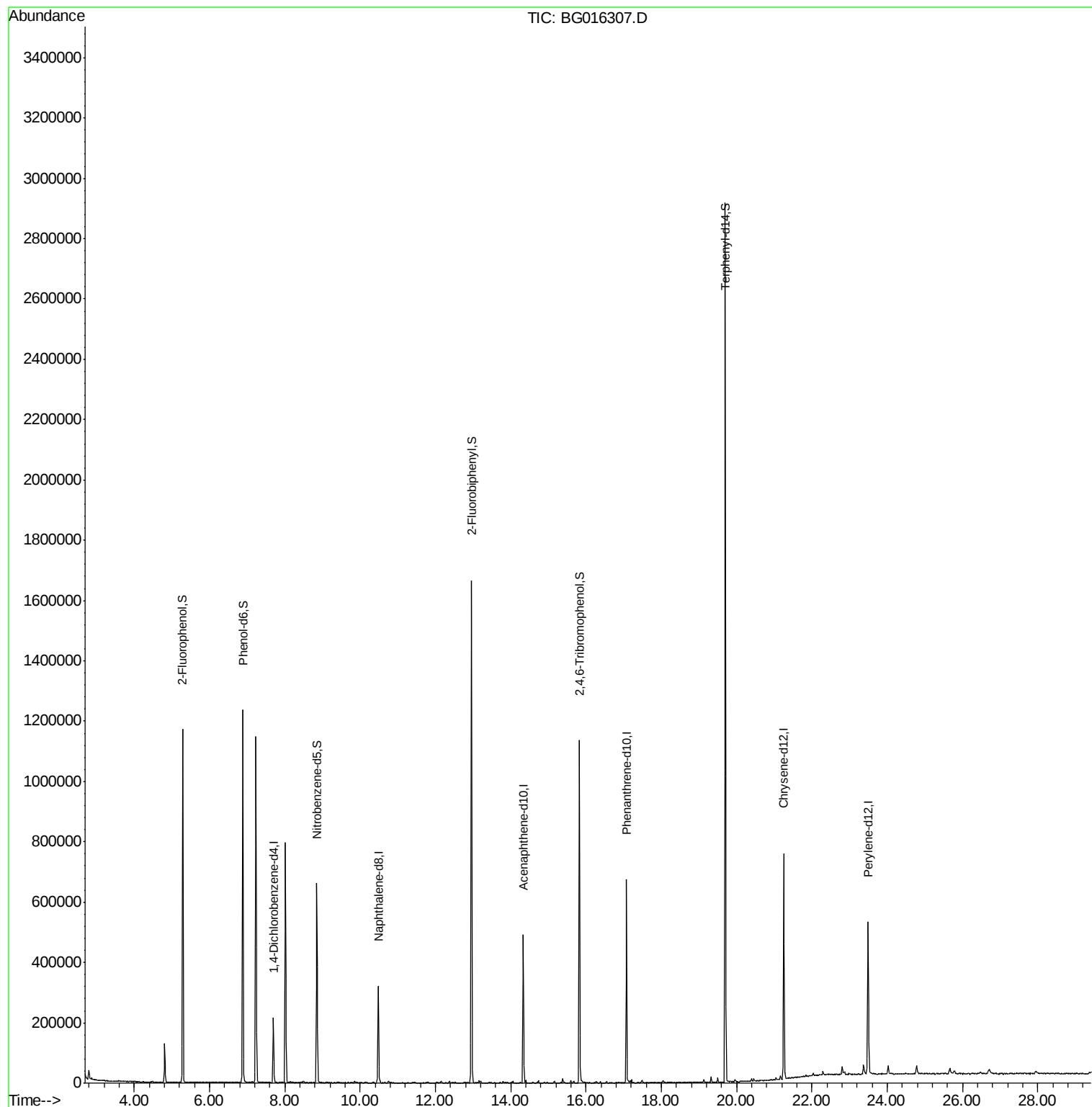
Target Compounds Qvalue

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

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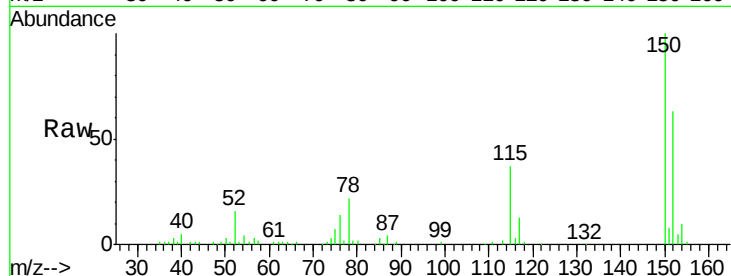


#1

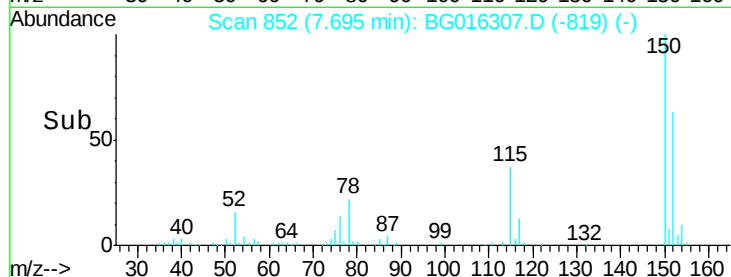
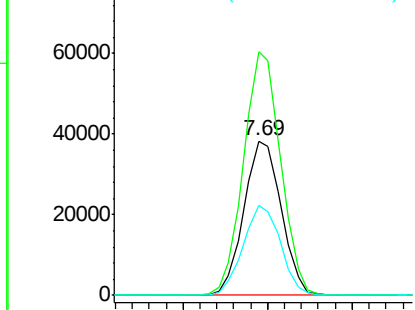
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

Tot Ion	152	Resp	58969
Ion Ratio	Lower	Upper	
152	100		
150	158.0	130.1	195.1
115	58.4	50.5	75.7



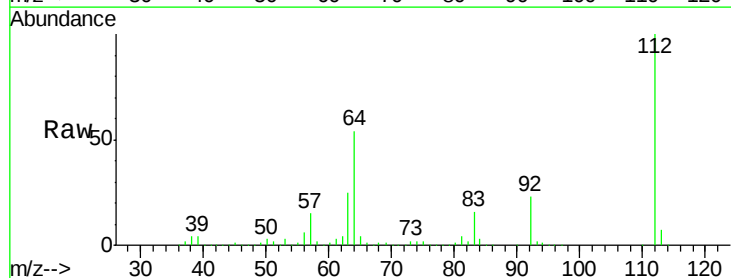
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



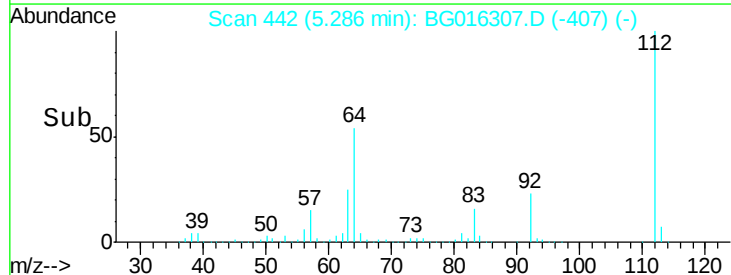
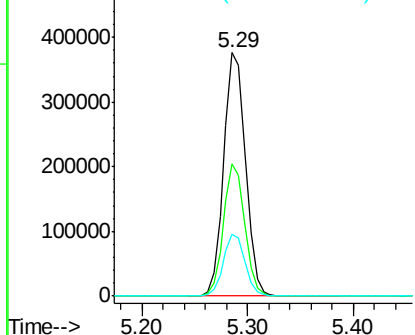
#5

2-Fluorophenol
 Concen: 144.63 ng
 RT: 5.29 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Tgt Ion	112	Resp	540409
Ion Ratio	Lower	Upper	
112	100		
64	54.4	44.5	66.7
63	25.5	21.4	32.0



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: 138.76 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Instrument :

BNA_G

ClientSampleId :

PB82581BL

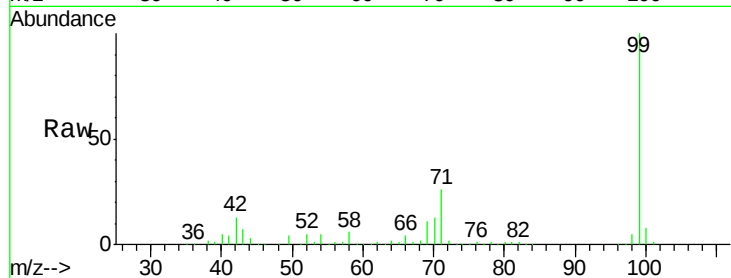
Tot Ion: 99 Resp: 778326

Ion Ratio Lower Upper

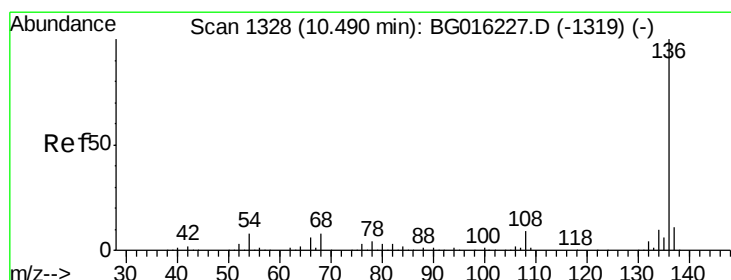
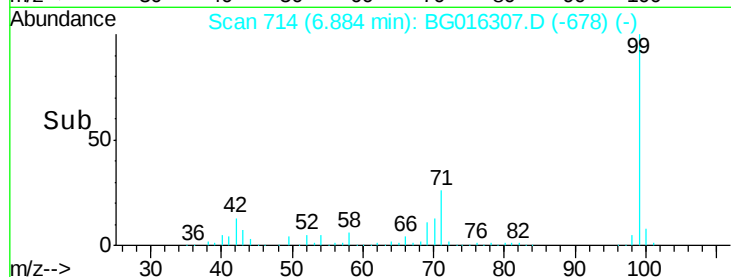
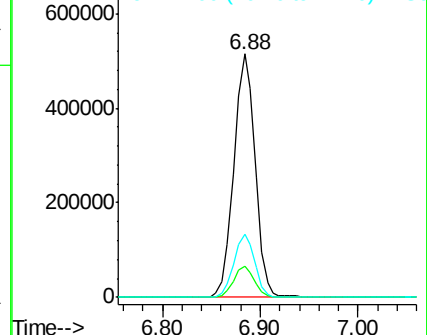
99 100

42 12.6 10.0 15.0

71 26.1 21.5 32.3



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: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Tgt Ion: 136 Resp: 269846

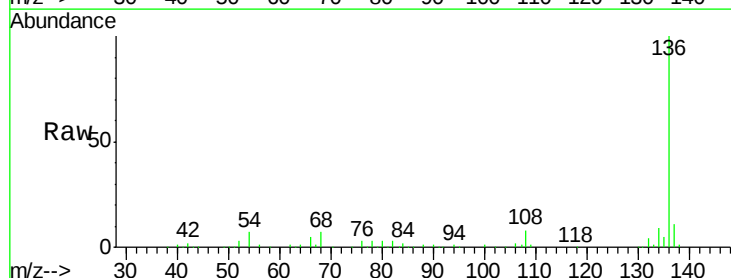
Ion Ratio Lower Upper

136 100

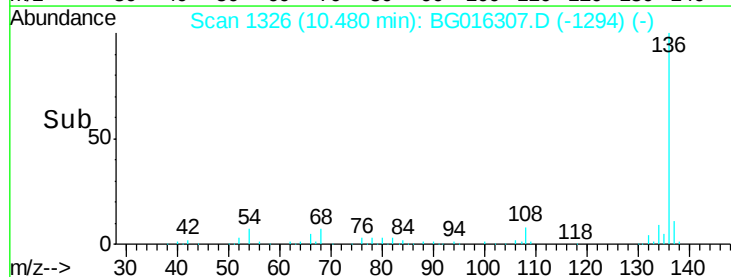
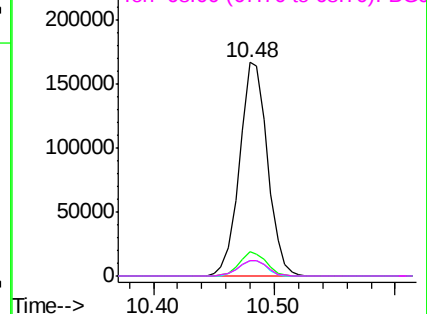
137 11.4 8.7 13.1

54 7.0 6.3 9.5

68 7.2 6.5 9.7



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

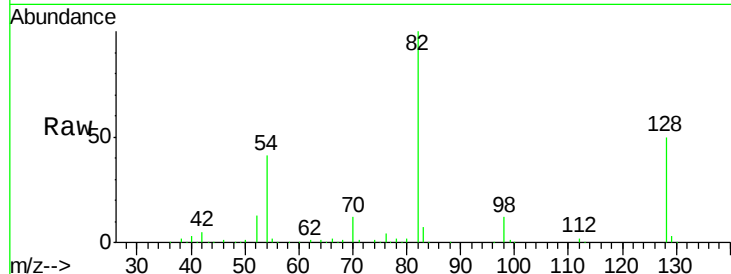




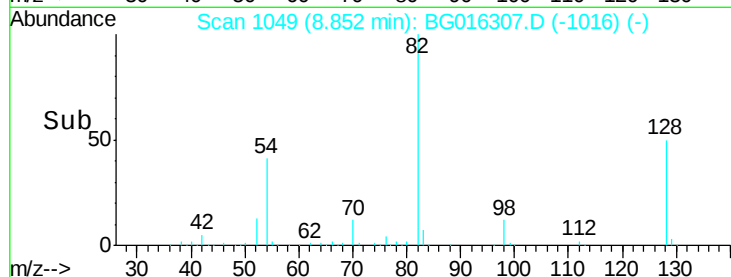
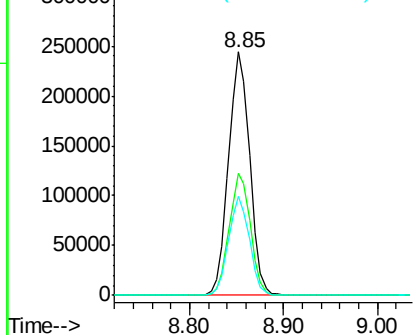
#23
 Nitrobenzene-d5
 Concen: 81.85 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

Tot Ion	82	Resp	381257
Ion Ratio	100	Lower	Upper
128	49.9	37.8	56.8
54	40.5	32.6	49.0

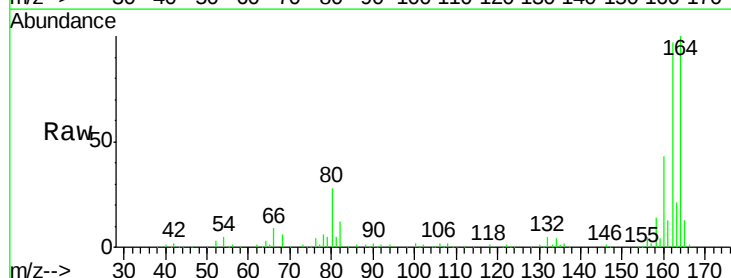


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

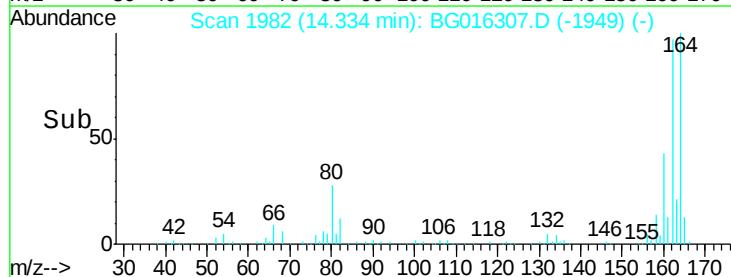
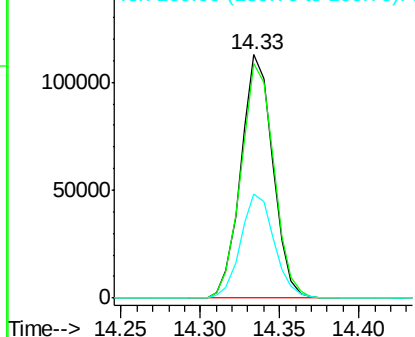


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Tgt Ion	164	Resp	157955
Ion Ratio	100	Lower	Upper
162	96.5	77.3	115.9
160	43.0	36.7	55.1



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

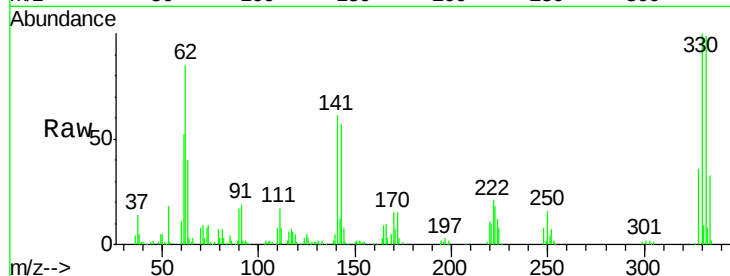




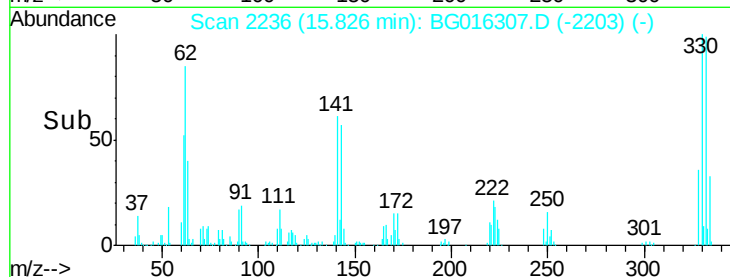
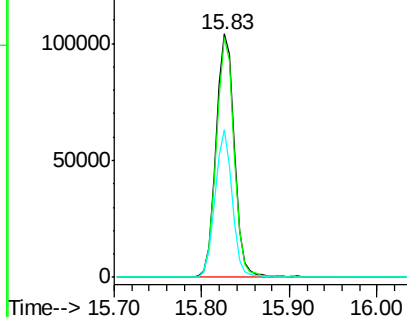
#41
 2,4,6-Tribromophenol
 Concen: 143.09 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	56.7	46.6	69.8

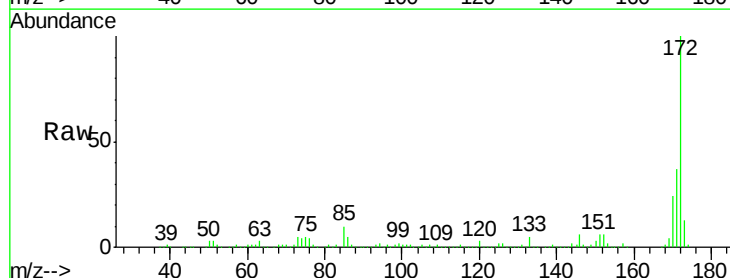


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

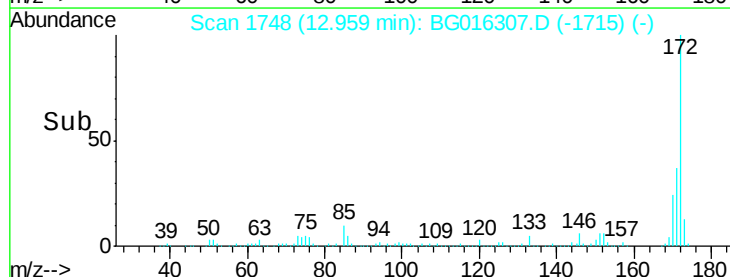
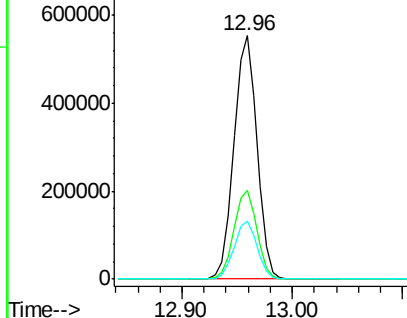


#44
 2-Fluorobiphenyl
 Concen: 87.23 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.4	29.2



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

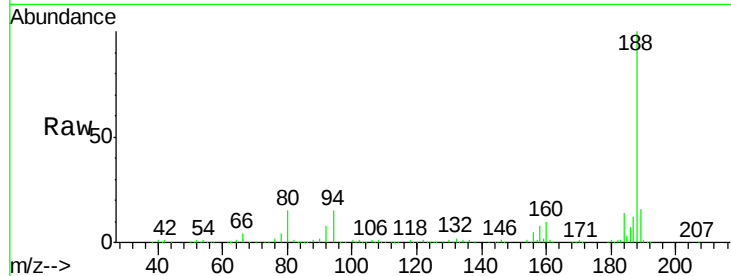




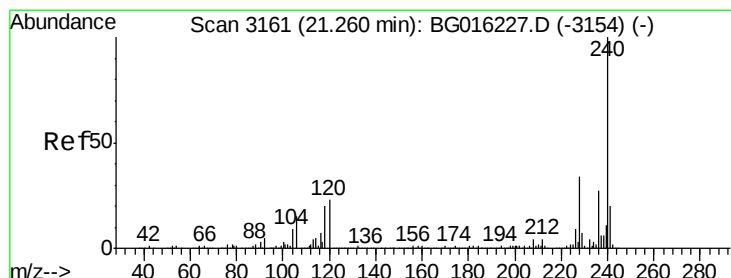
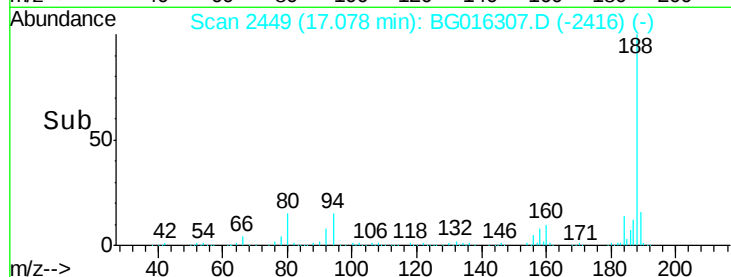
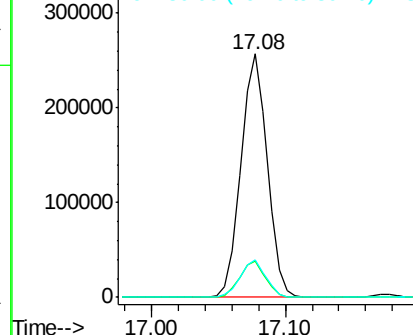
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Instrument :
BNA_G
ClientSampleId :
PB82581BL

Tot Ion:188 Resp: 350676
Ion Ratio Lower Upper
188 100
94 14.9 12.2 18.4
80 15.2 12.8 19.2

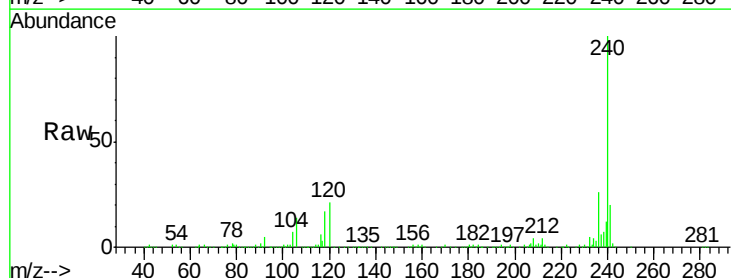


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

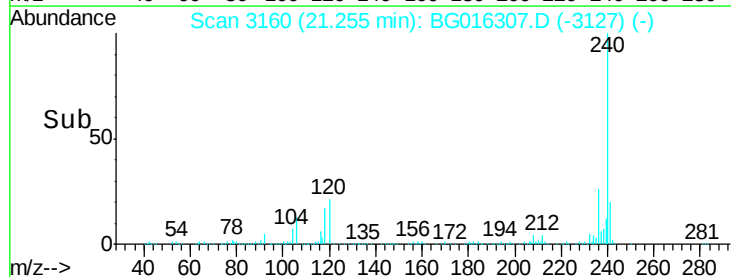
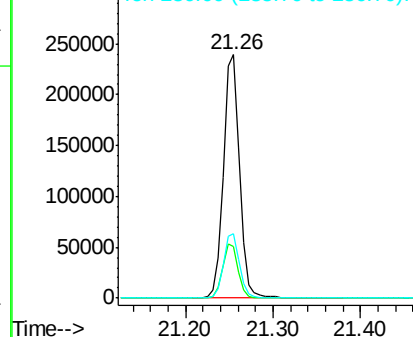


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Tgt Ion:240 Resp: 306196
Ion Ratio Lower Upper
240 100
120 21.1 18.6 28.0
236 26.5 21.7 32.5



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: 79.60 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Instrument :

BNA_G

ClientSampled :

PB82581BL

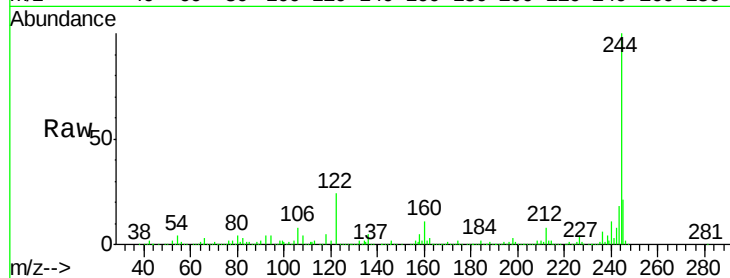
Tot Ion:244 Resp: 1041441

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

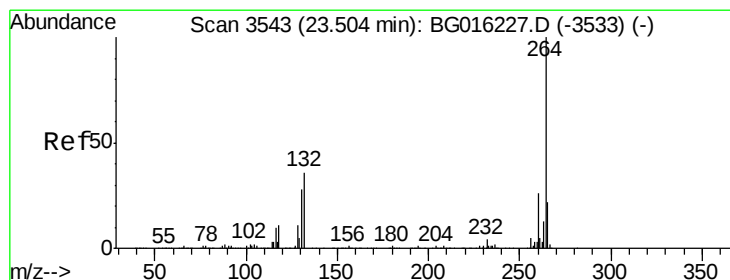
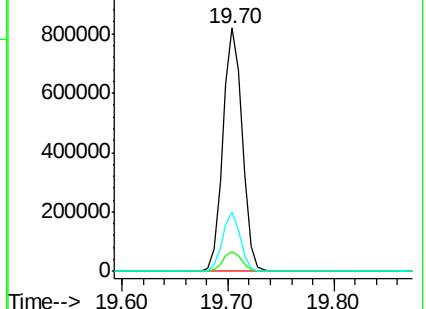
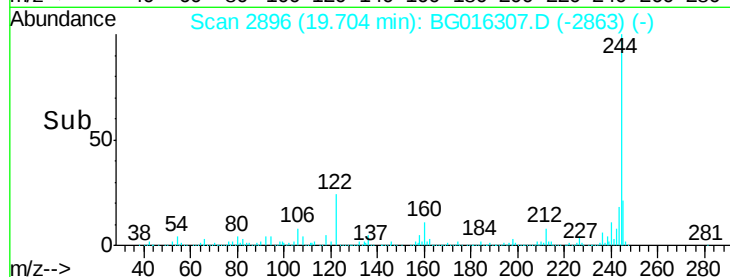
122 24.4 19.1 28.7



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: 23.49 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

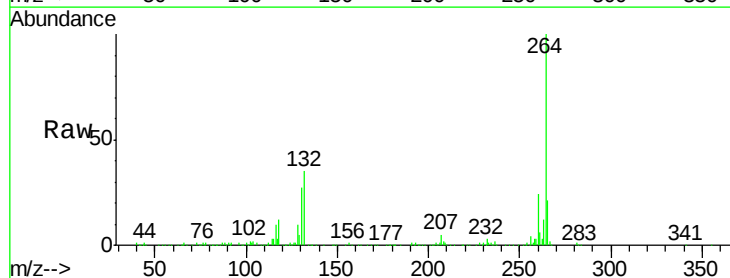
Tgt Ion:264 Resp: 286687

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.3 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

