

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016691.D
 Acq On : 24 Apr 2015 19:54
 Operator : TP/IZ
 Sample : PB82973BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BL

Quant Time: Apr 24 23:15:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	43337	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	176968	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	96367	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	212247	20.00	ng	0.00
75) Chrysene-d12	21.18	240	222835	20.00	ng	0.00
86) Perylene-d12	23.38	264	217566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	352444	131.97	ng	0.00
7) Phenol-d6	6.79	99	455446	121.56	ng	0.00
23) Nitrobenzene-d5	8.75	82	225397	80.48	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	93061	130.17	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	513231	85.57	ng	0.00
78) Terphenyl-d14	19.63	244	727388	75.19	ng	0.00

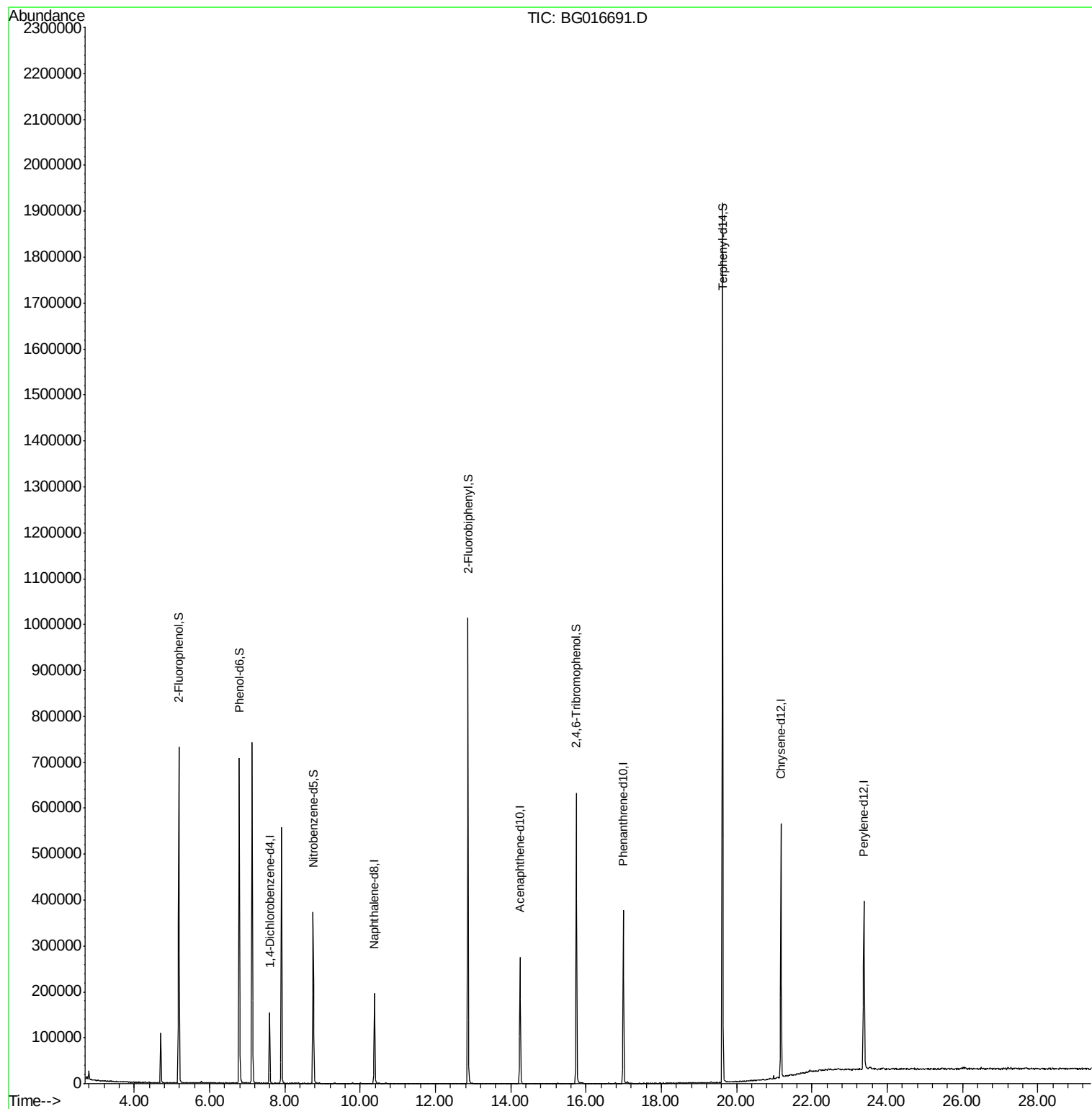
Target Compounds Qvalue

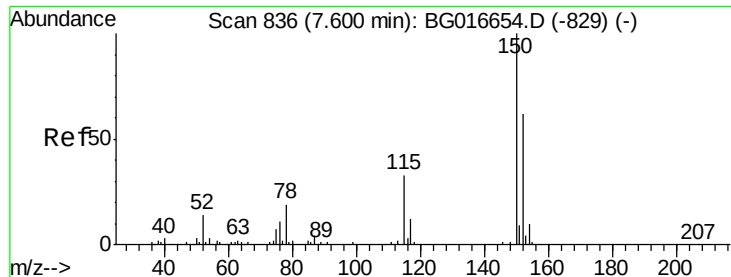
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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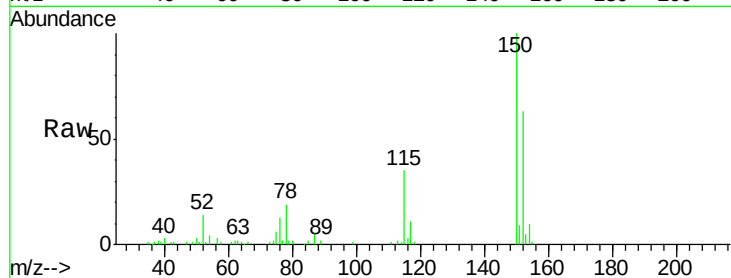


#1

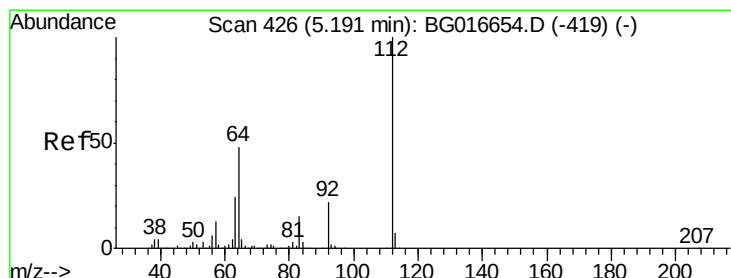
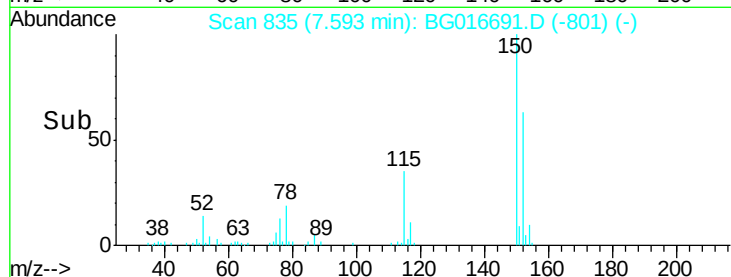
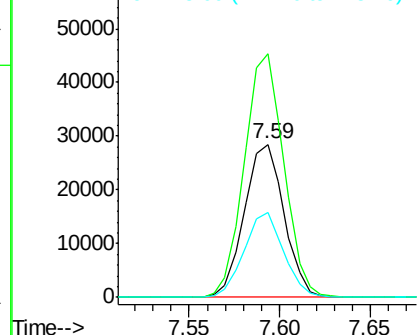
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

Instrument :
BNA_G
ClientSampleId :
PB82973BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	129.6	194.4
115	55.5	43.0	64.6



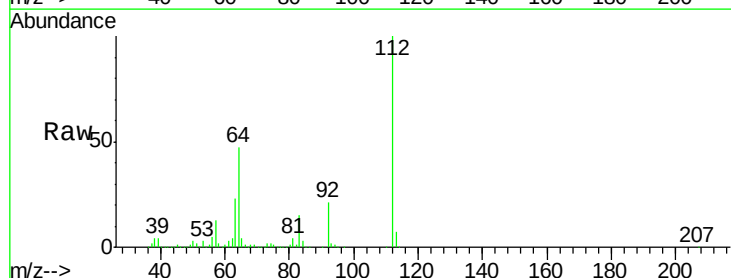
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



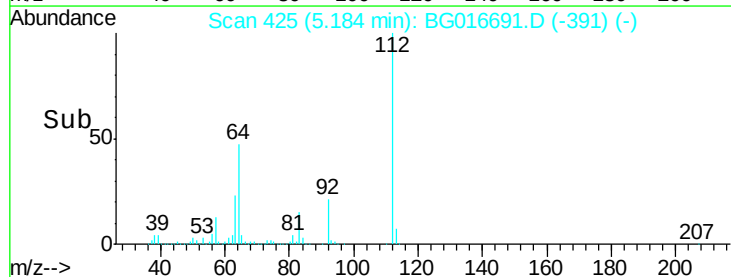
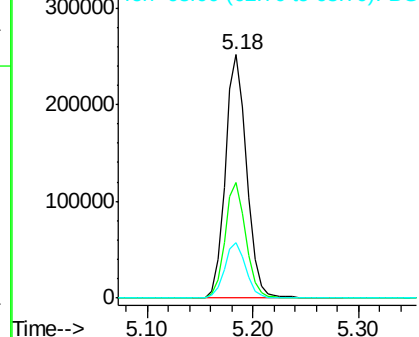
#5

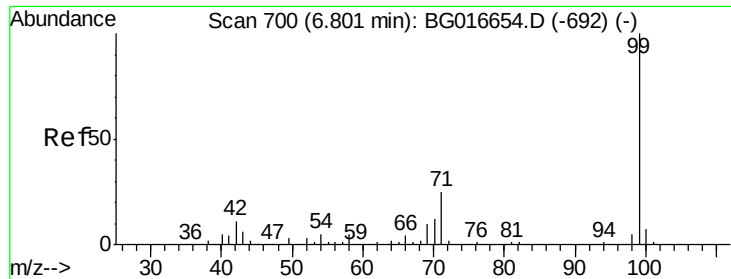
2-Fluorophenol
Concen: 131.97 ng
RT: 5.18 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	38.3	57.5
63	23.0	18.9	28.3



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: 121.56 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016691.D

Acq: 24 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82973BL

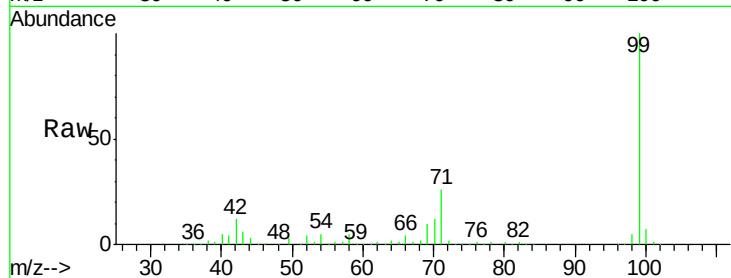
Tot Ion: 99 Resp: 455446

Ion Ratio Lower Upper

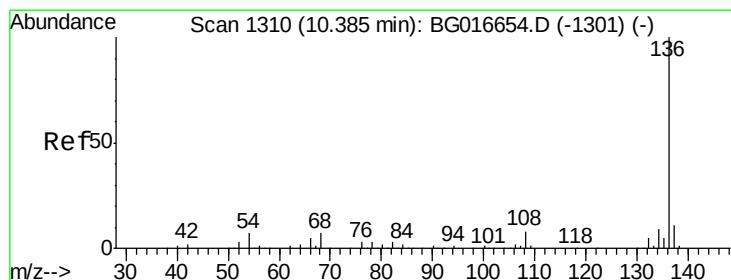
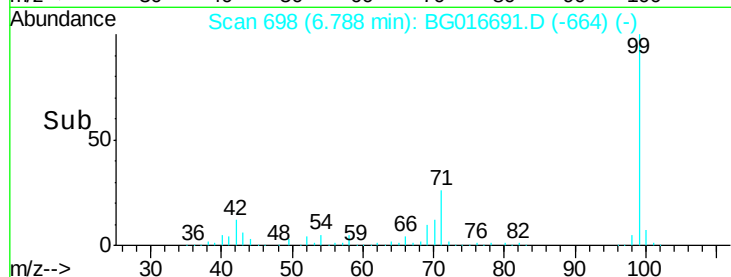
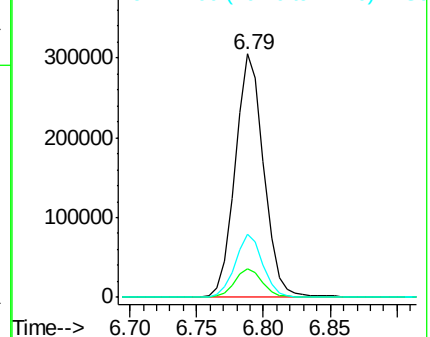
99 100

42 11.8 8.8 13.2

71 25.9 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016691.D

Acq: 24 Apr 2015 19:54

Tgt Ion: 136 Resp: 176968

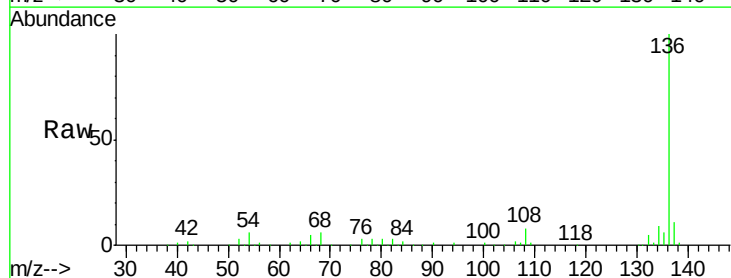
Ion Ratio Lower Upper

136 100

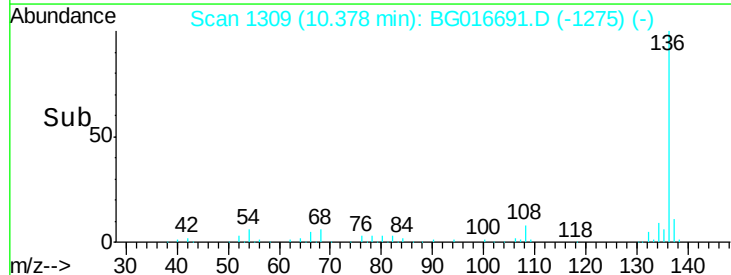
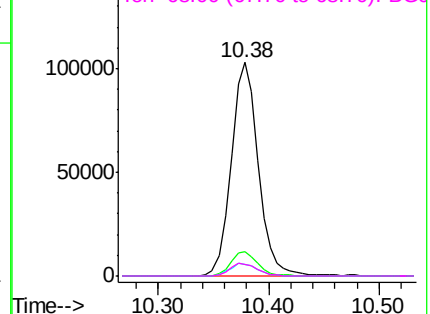
137 11.2 8.5 12.7

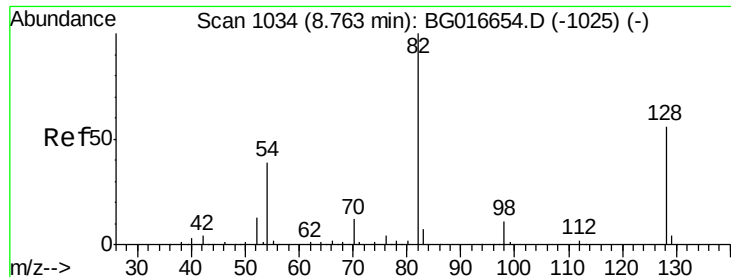
54 5.7 5.4 8.2

68 5.7 5.2 7.8



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

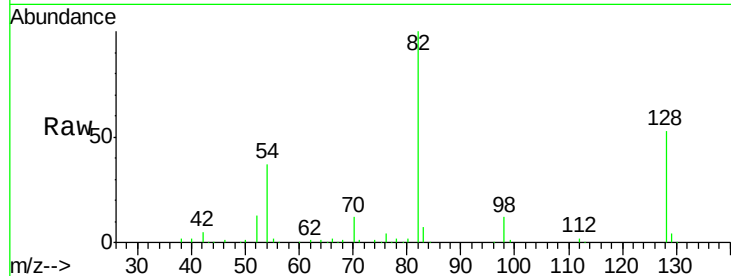




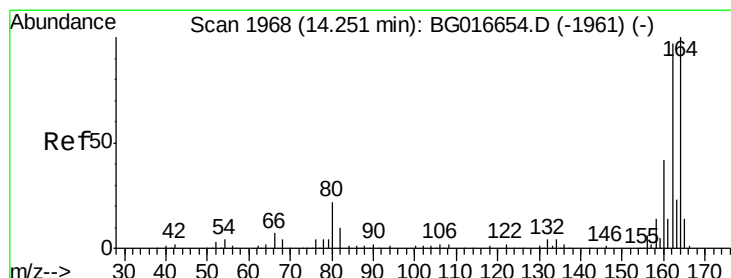
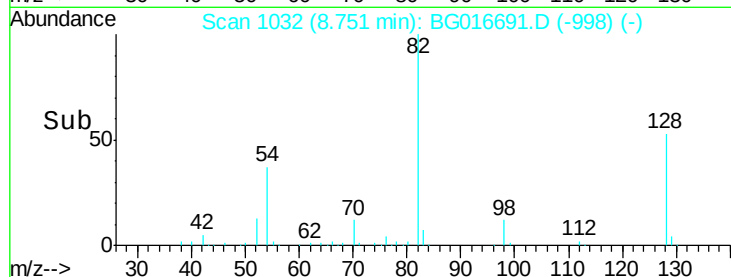
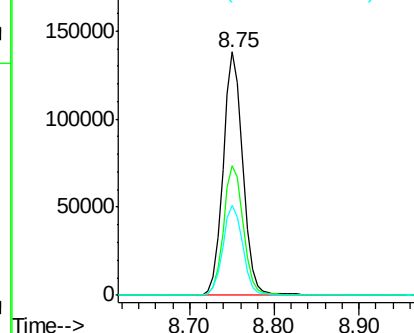
#23
Nitrobenzene-d5
Concen: 80.48 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

Instrument :
BNA_G
ClientSampleId :
PB82973BL

Tot Ion	82	Resp	225397
Ion Ratio	100	Lower	Upper
128	53.1	44.7	67.1
54	37.1	30.9	46.3

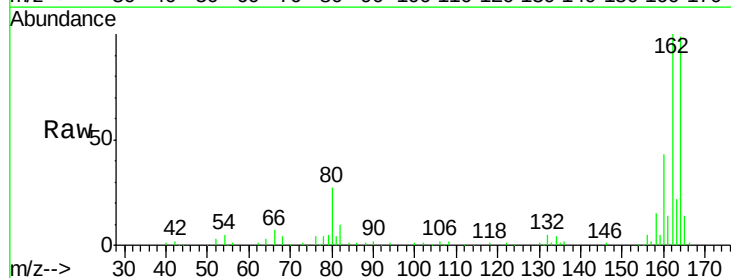


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

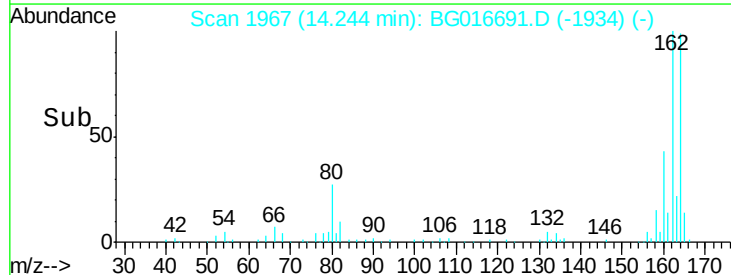
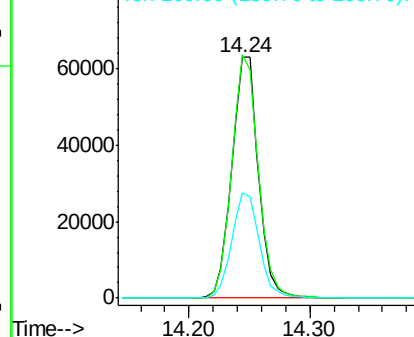


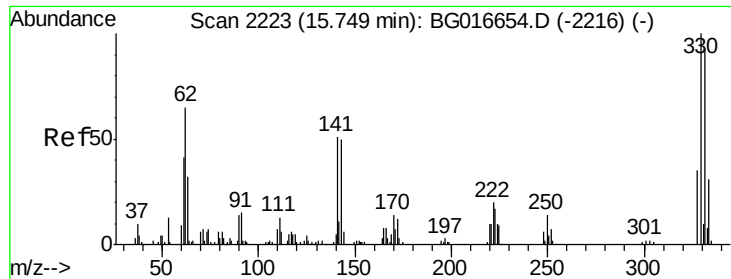
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

Tgt Ion	164	Resp	96367
Ion Ratio	100	Lower	Upper
162	101.0	77.3	115.9
160	43.7	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

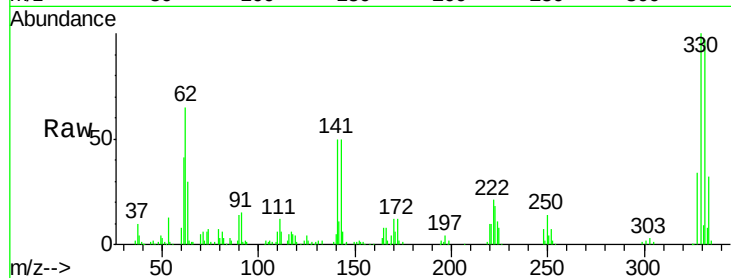




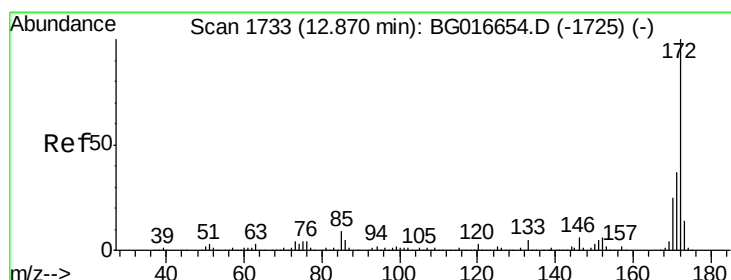
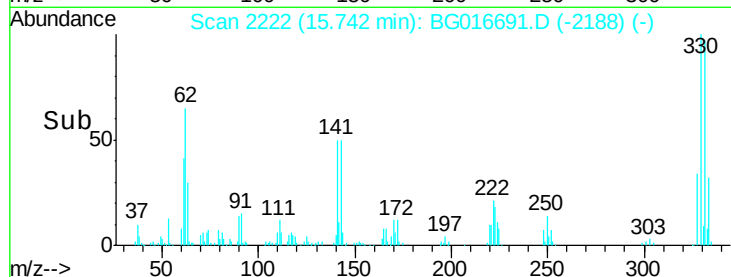
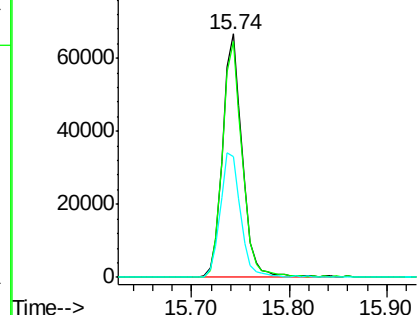
#41
 2,4,6-Tribromophenol
 Concen: 130.17 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016691.D
 Acq: 24 Apr 2015 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BL

Tot Ion:330 Resp: 93061
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 52.6 43.0 64.6

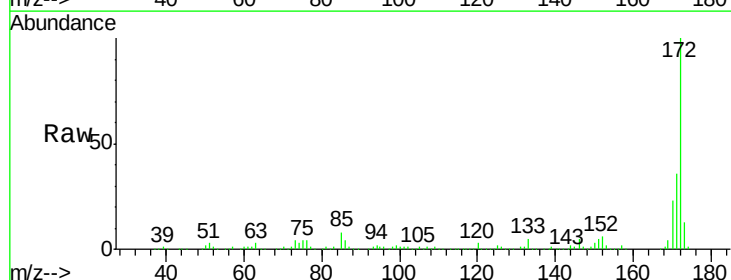


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

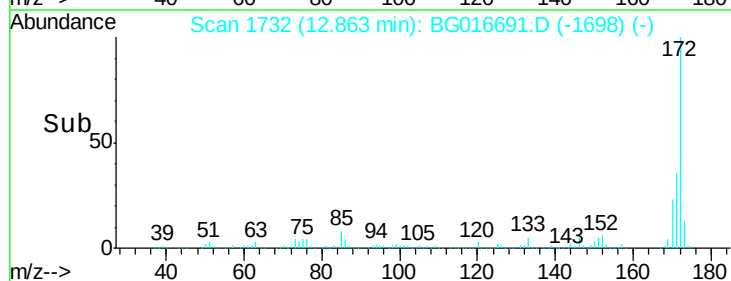
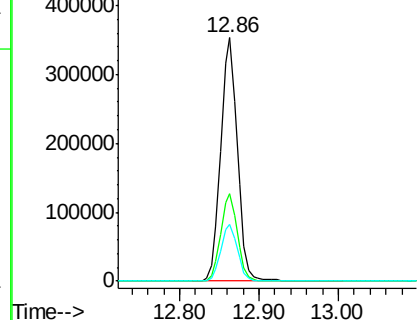


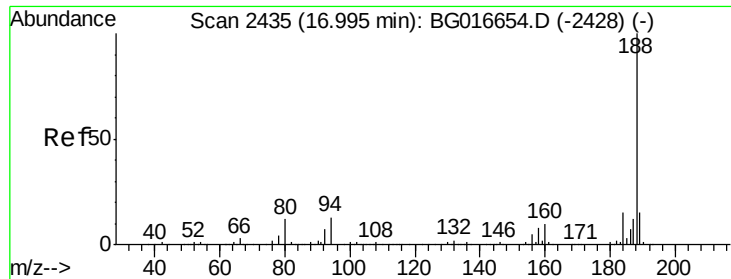
#44
 2-Fluorobiphenyl
 Concen: 85.57 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016691.D
 Acq: 24 Apr 2015 19:54

Tgt Ion:172 Resp: 513231
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.9 44.9
 170 23.4 19.8 29.8



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

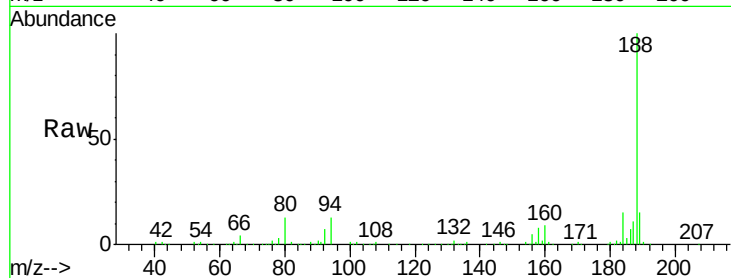




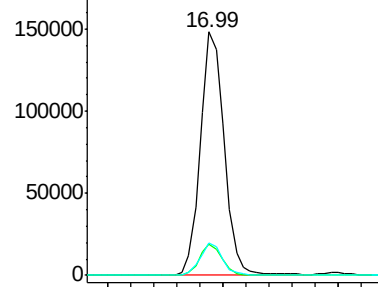
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

Instrument :
BNA_G
ClientSampleId :
PB82973BL

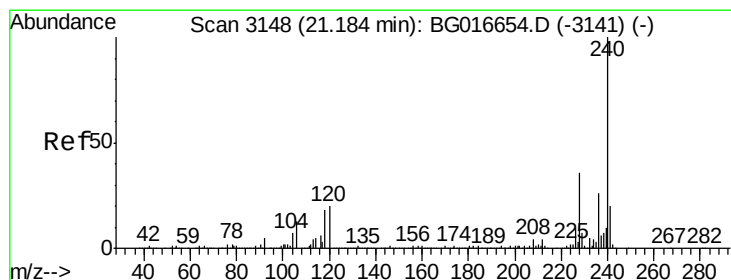
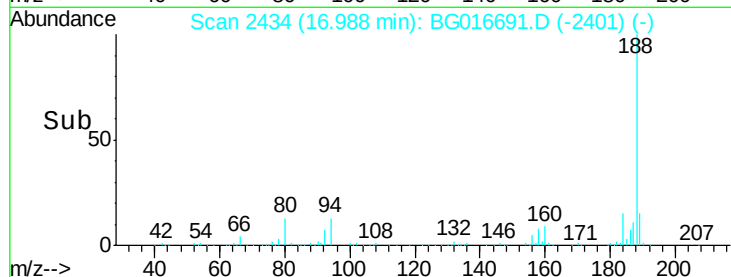
Tot Ion:188 Resp: 212247
Ion Ratio Lower Upper
188 100
94 13.0 10.7 16.1
80 13.1 9.9 14.9



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

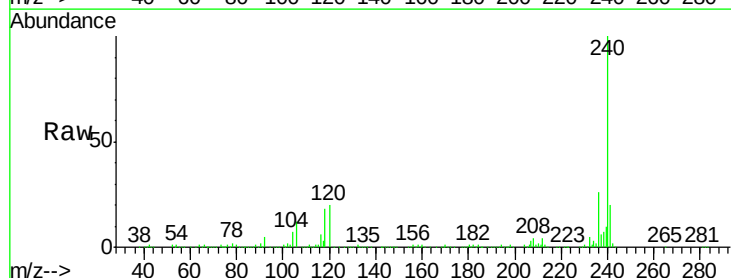


Time--> 16.90 17.00 17.10

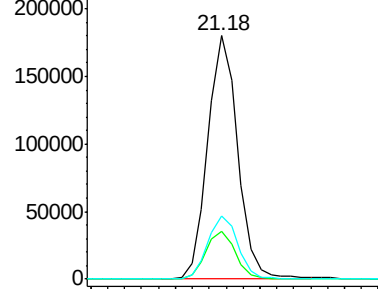


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016691.D
Acq: 24 Apr 2015 19:54

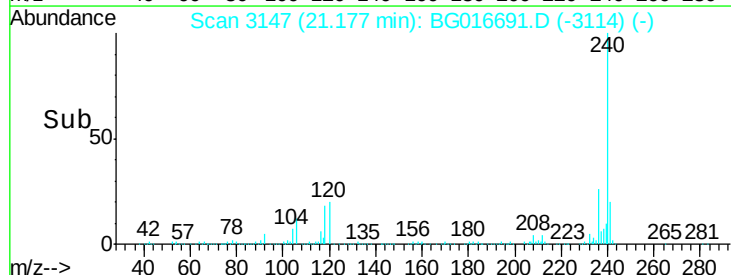
Tgt Ion:240 Resp: 222835
Ion Ratio Lower Upper
240 100
120 19.6 16.3 24.5
236 26.0 21.1 31.7

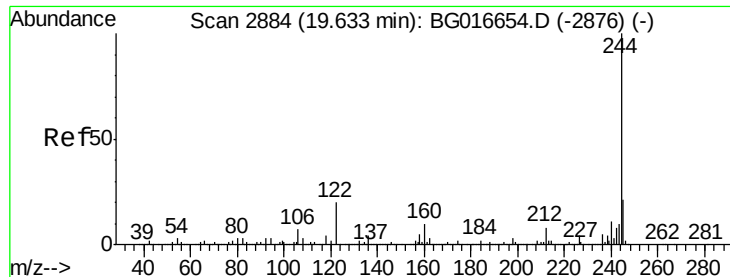


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.15 21.20 21.25





#78

Terphenyl-d14

Concen: 75.19 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016691.D

Acq: 24 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82973BL

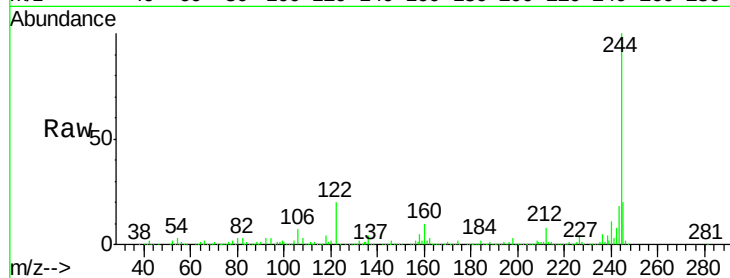
Tot Ion:244 Resp: 727388

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

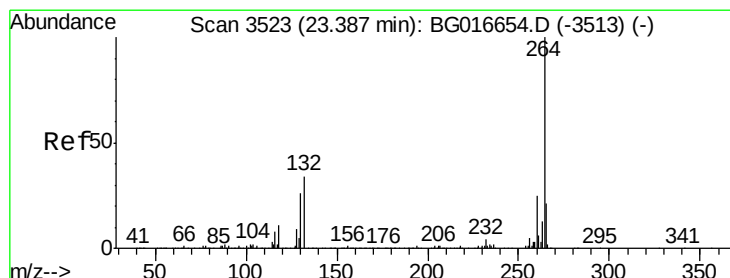
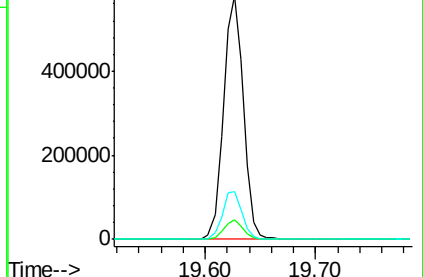
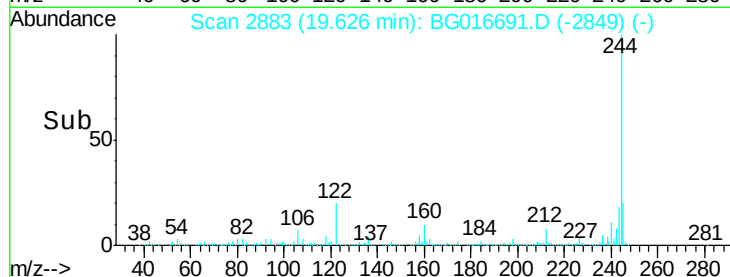
122 19.5 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG016691.D

Acq: 24 Apr 2015 19:54

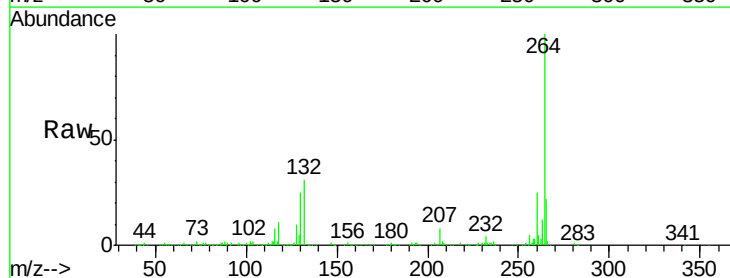
Tgt Ion:264 Resp: 217566

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 21.9 16.8 25.2



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

