

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016743.D
 Acq On : 27 Apr 2015 20:46
 Operator : TP/IZ
 Sample : PB82977BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82977BL

Quant Time: Apr 28 01:09:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 00:54:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	50651	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	207602	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	119786	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	262883	20.00	ng	-0.01
75) Chrysene-d12	21.16	240	234945	20.00	ng	-0.01
86) Perylene-d12	23.35	264	215788	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	412039	132.01	ng	0.00
7) Phenol-d6	6.78	99	533686	121.88	ng	0.00
23) Nitrobenzene-d5	8.73	82	260664	79.34	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	132549	149.16	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	640914	85.96	ng	-0.01
78) Terphenyl-d14	19.61	244	859216	84.24	ng	0.00

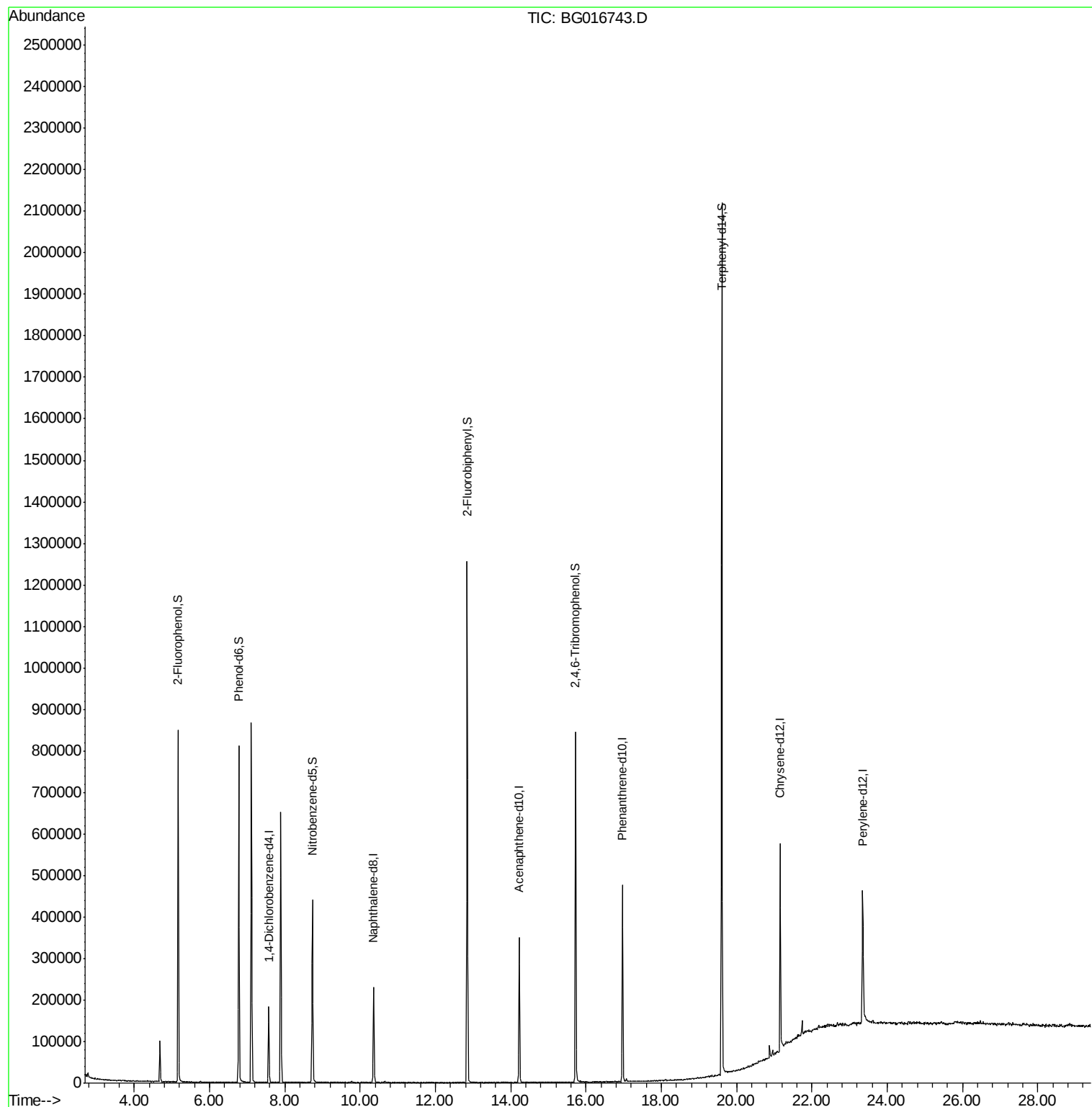
Target Compounds Qvalue

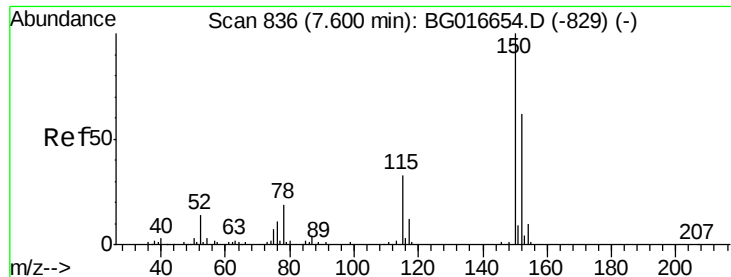
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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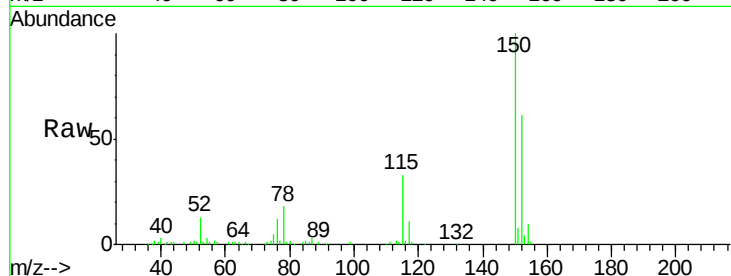


#1

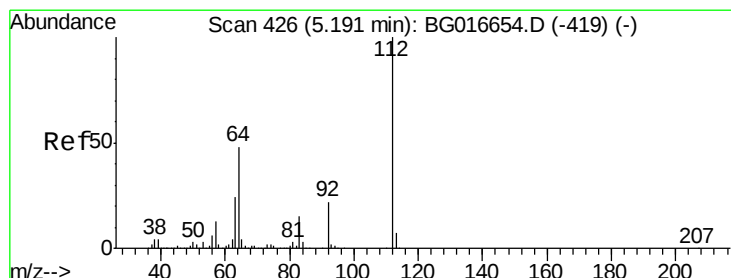
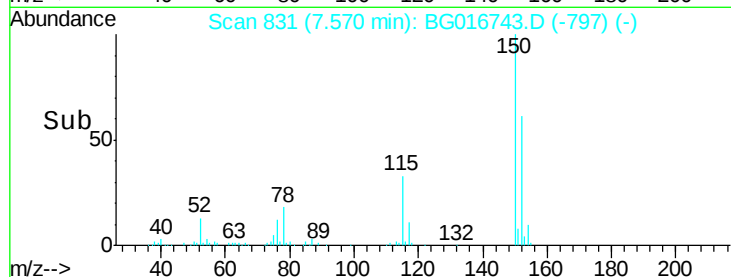
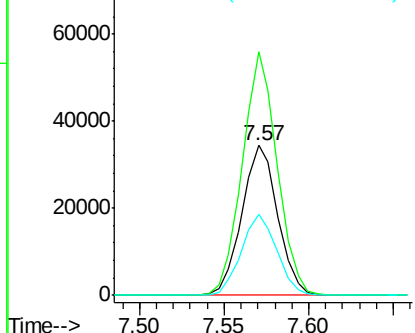
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG016743.D
Acq: 27 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
PB82977BL

Tot Ion:152 Resp: 50651
Ion Ratio Lower Upper
152 100
150 162.7 129.6 194.4
115 53.9 43.0 64.6



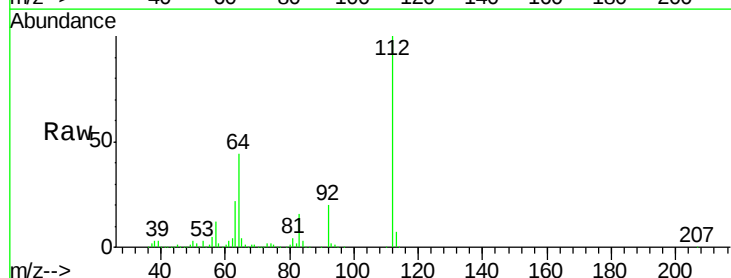
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



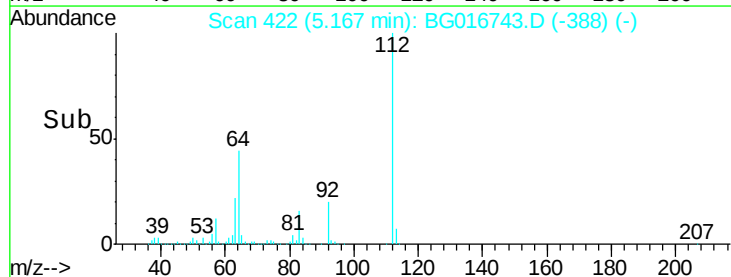
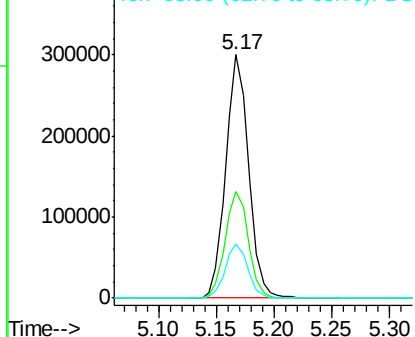
#5

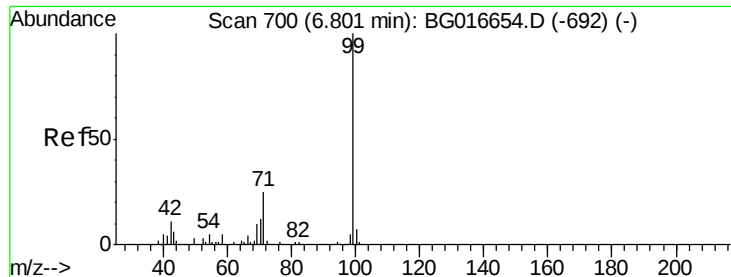
2-Fluorophenol
Concen: 132.01 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG016743.D
Acq: 27 Apr 2015 20:46

Tgt Ion:112 Resp: 412039
Ion Ratio Lower Upper
112 100
64 44.0 38.3 57.5
63 22.1 18.9 28.3



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: 121.88 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016743.D

Acq: 27 Apr 2015 20:46

Instrument :

BNA_G

ClientSampleId :

PB82977BL

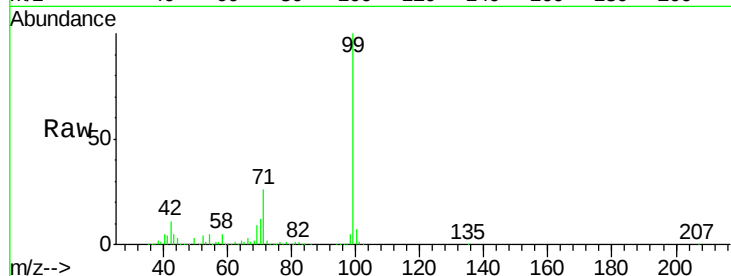
Tot Ion: 99 Resp: 533686

Ion Ratio Lower Upper

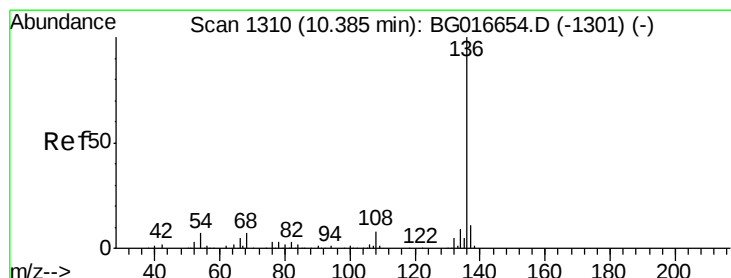
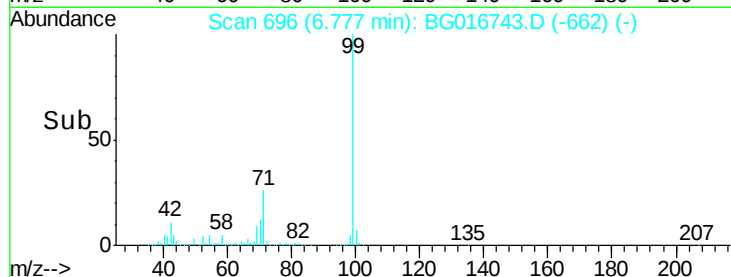
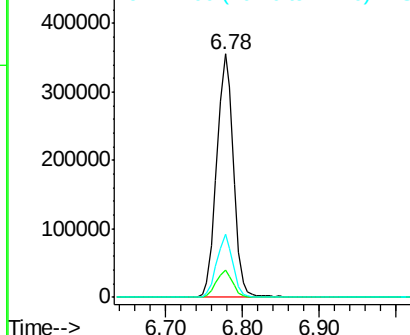
99 100

42 11.4 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: 10.36 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG016743.D

Acq: 27 Apr 2015 20:46

Tgt Ion: 136 Resp: 207602

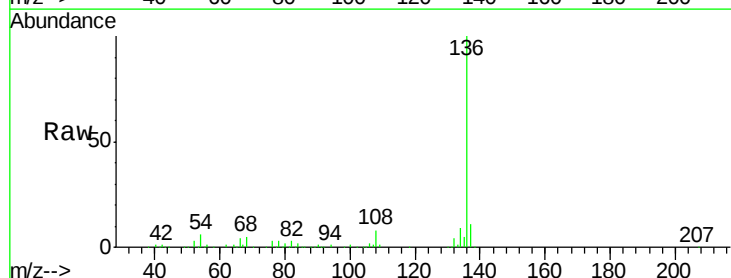
Ion Ratio Lower Upper

136 100

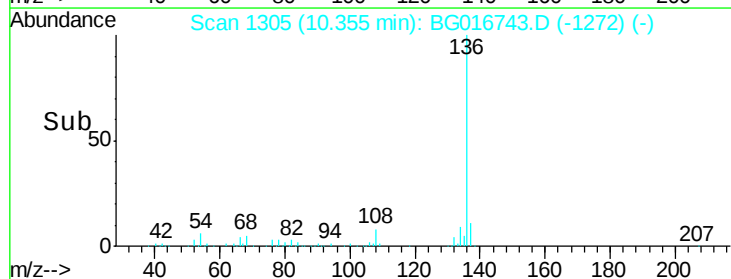
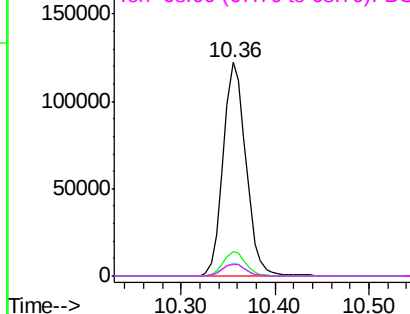
137 11.1 8.5 12.7

54 5.9 5.4 8.2

68 5.3 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

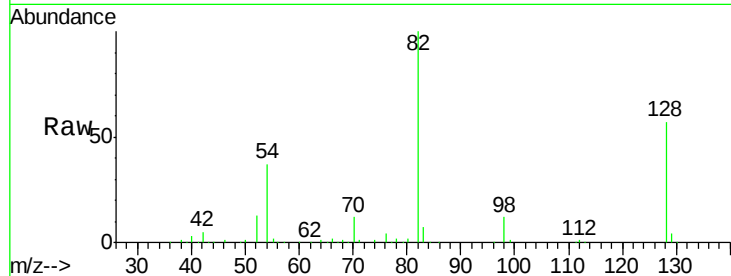




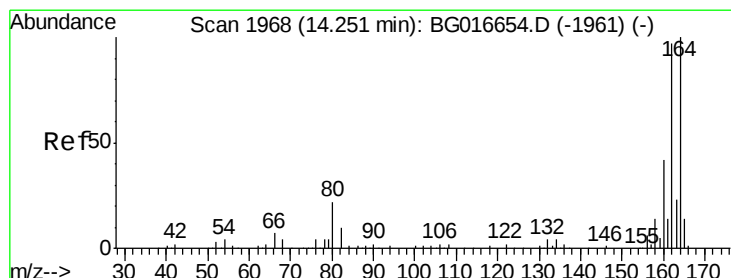
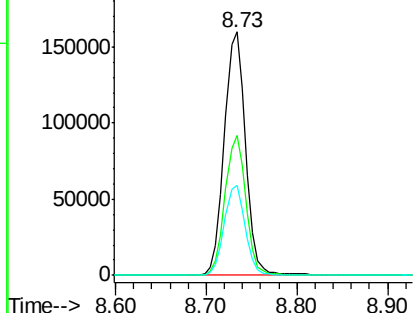
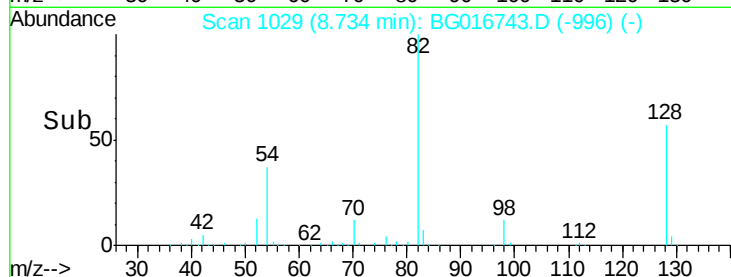
#23
 Nitrobenzene-d5
 Concen: 79.34 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG016743.D
 Acq: 27 Apr 2015 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82977BL

Tot Ion: 82 Resp: 260664
 Ion Ratio Lower Upper
 82 100
 128 57.2 44.7 67.1
 54 36.9 30.9 46.3

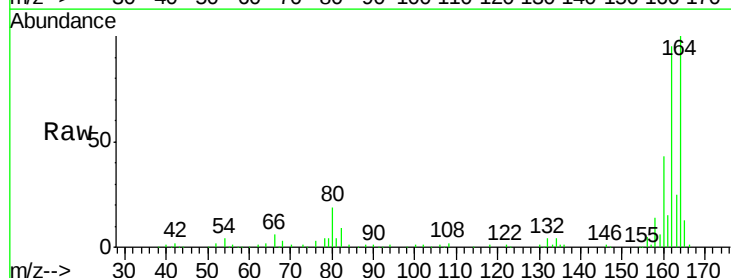


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

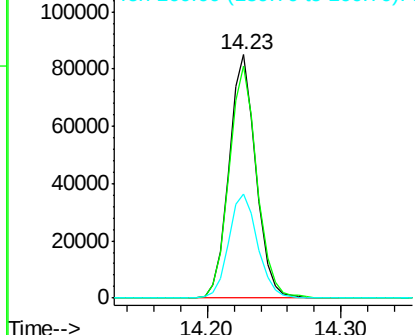
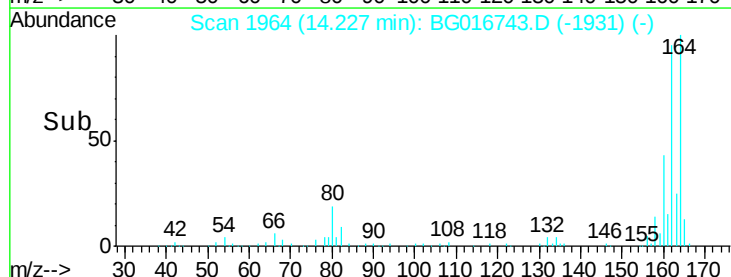


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG016743.D
 Acq: 27 Apr 2015 20:46

Tgt Ion: 164 Resp: 119786
 Ion Ratio Lower Upper
 164 100
 162 95.1 77.3 115.9
 160 42.8 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

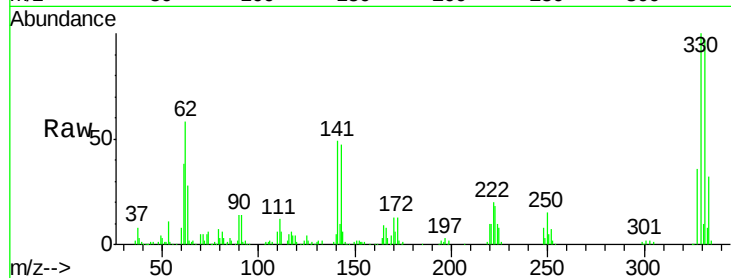




#41
 2,4,6-Tribromophenol
 Concen: 149.16 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG016743.D
 Acq: 27 Apr 2015 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	50.7	43.0	64.6

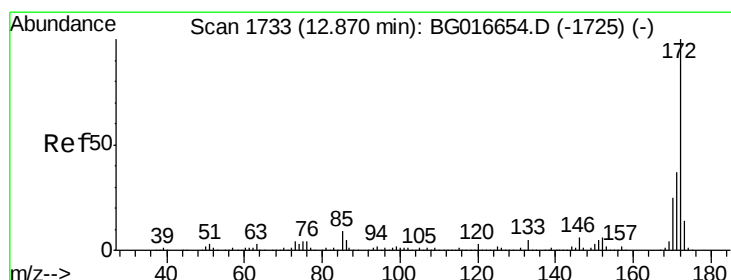
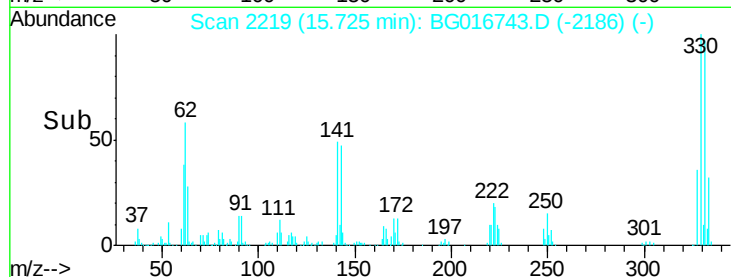
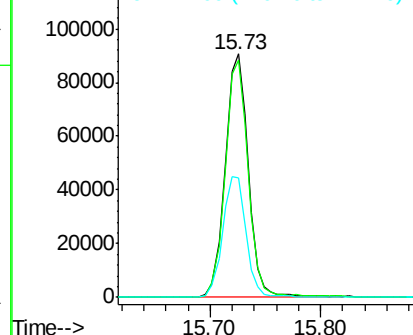


Abundance

Ion 329.80 (329.50 to 330.50): E

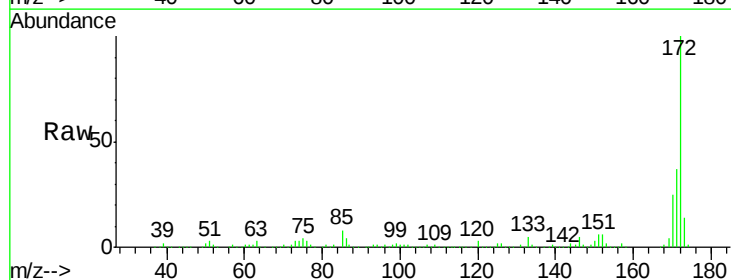
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.96 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG016743.D
 Acq: 27 Apr 2015 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.5	19.8	29.8

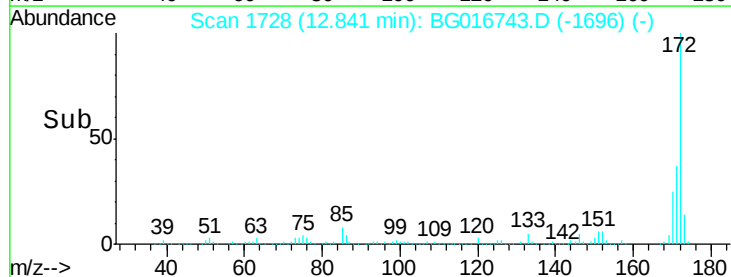
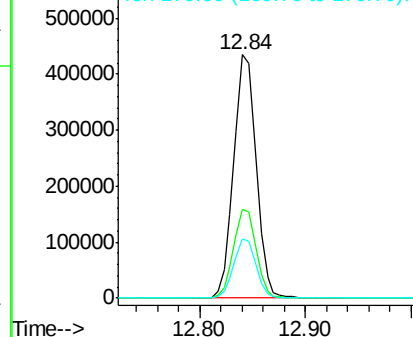


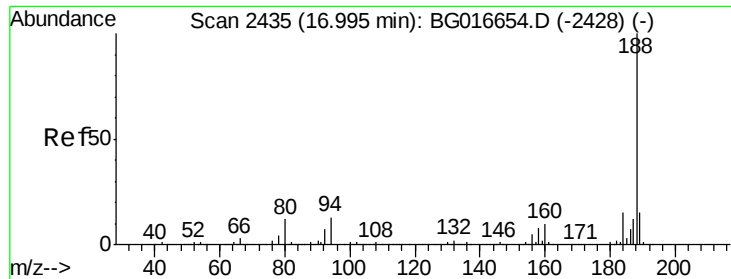
Abundance

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

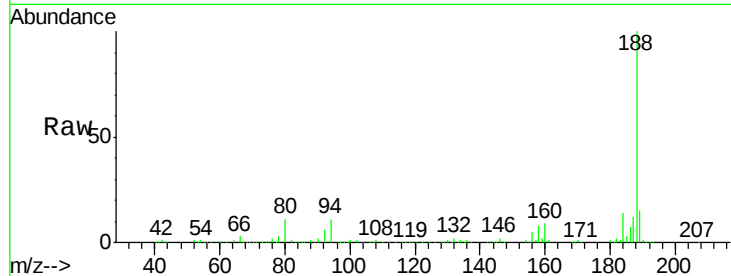




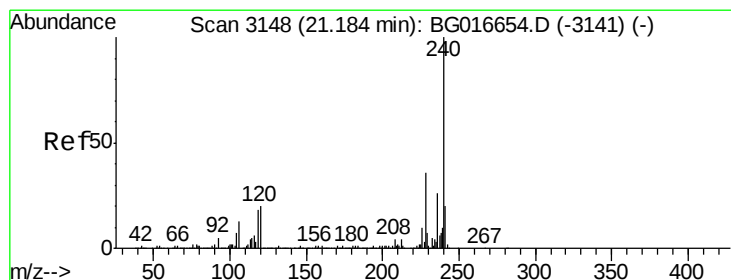
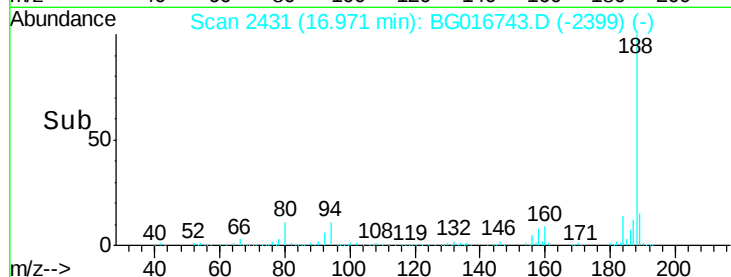
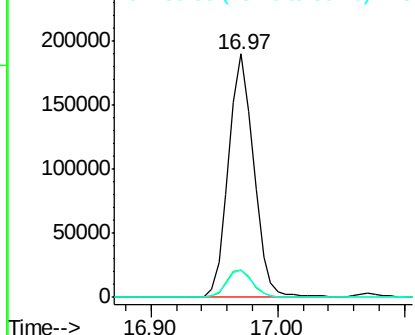
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG016743.D
Acq: 27 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
PB82977BL

Tot Ion:188 Resp: 262883
Ion Ratio Lower Upper
188 100
94 11.3 10.7 16.1
80 11.1 9.9 14.9

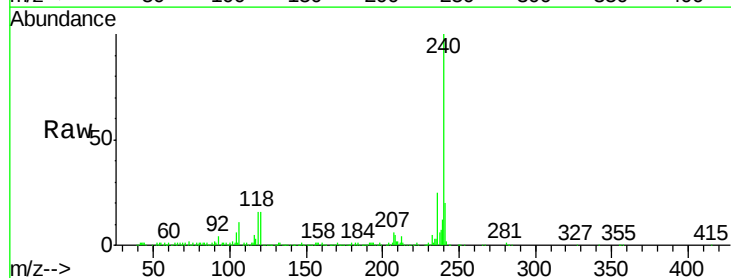


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

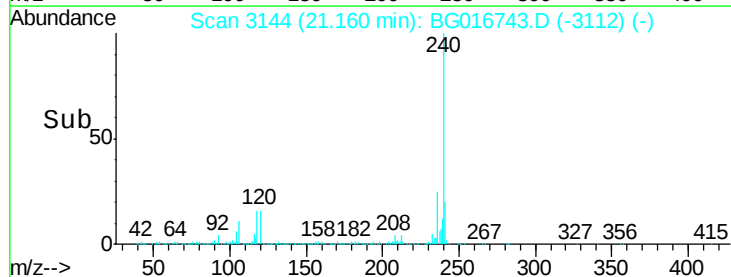
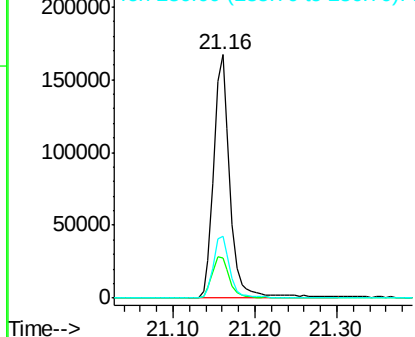


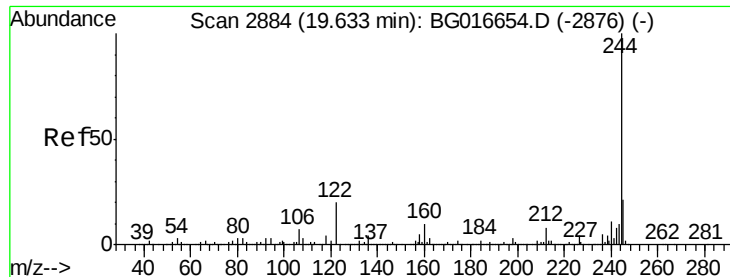
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG016743.D
Acq: 27 Apr 2015 20:46

Tgt Ion:240 Resp: 234945
Ion Ratio Lower Upper
240 100
120 16.4 16.3 24.5
236 25.4 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





#78

Terphenyl-d14

Concen: 84.24 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG016743.D

Acq: 27 Apr 2015 20:46

Instrument :

BNA_G

ClientSampleId :

PB82977BL

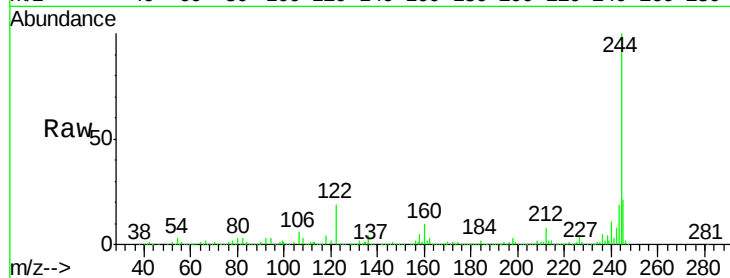
Tot Ion:244 Resp: 859216

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

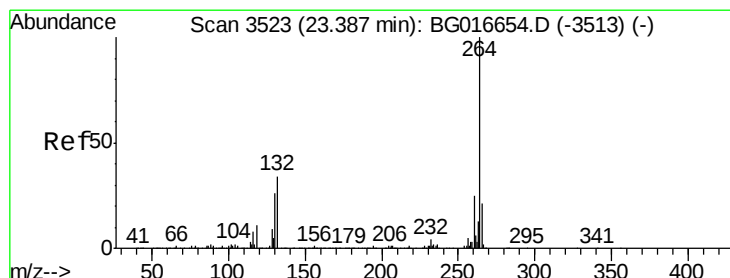
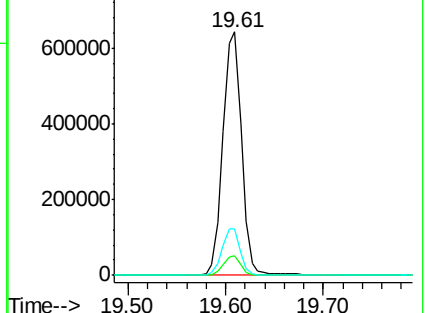
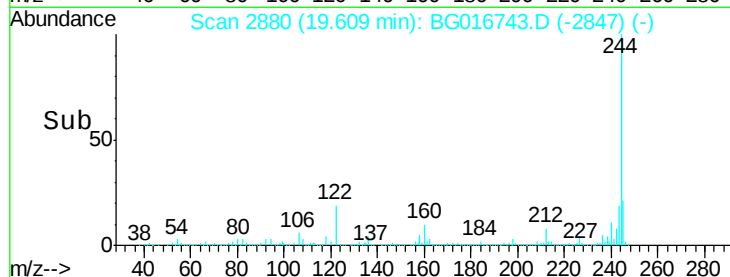
122 19.2 15.9 23.9



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: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG016743.D

Acq: 27 Apr 2015 20:46

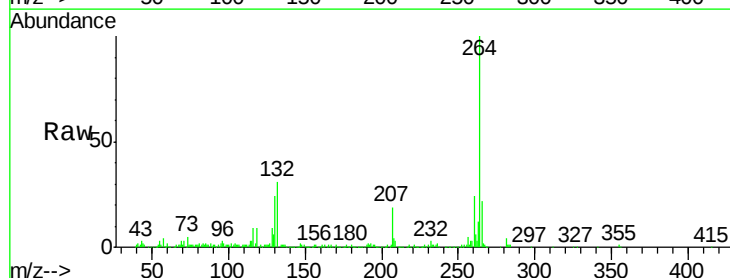
Tgt Ion:264 Resp: 215788

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 22.1 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

