

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016595.D
 Acq On : 21 Apr 2015 22:07
 Operator : TP/IZ
 Sample : PB82885BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BL

Quant Time: Apr 22 04:45:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44808	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	183838	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	102352	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	246156	20.00	ng	0.00
75) Chrysene-d12	21.21	240	285646	20.00	ng	0.00
86) Perylene-d12	23.42	264	265448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	368730	131.89	ng	0.00
7) Phenol-d6	6.82	99	501018	128.27	ng	0.00
23) Nitrobenzene-d5	8.79	82	242628	81.27	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	93155	134.00	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	545849	88.32	ng	0.00
78) Terphenyl-d14	19.66	244	957170	80.73	ng	0.00

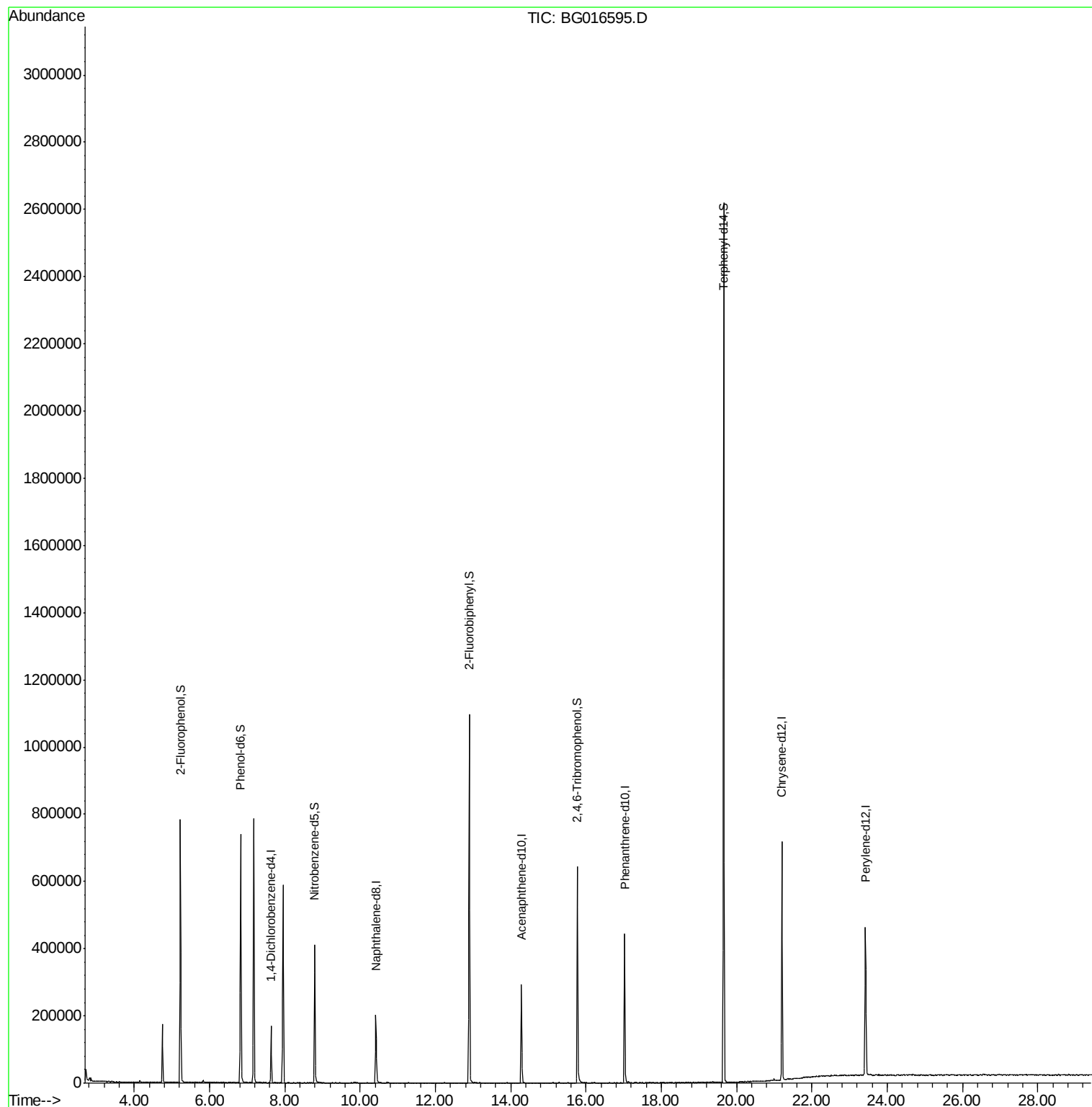
Target Compounds Qvalue

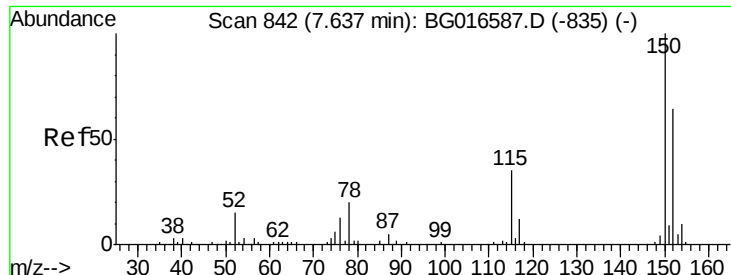
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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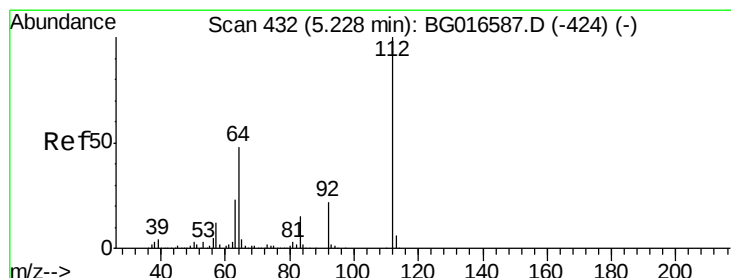
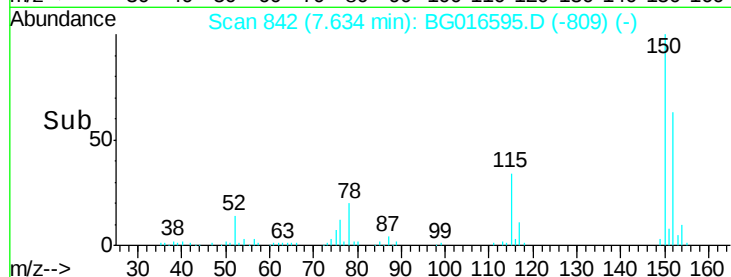
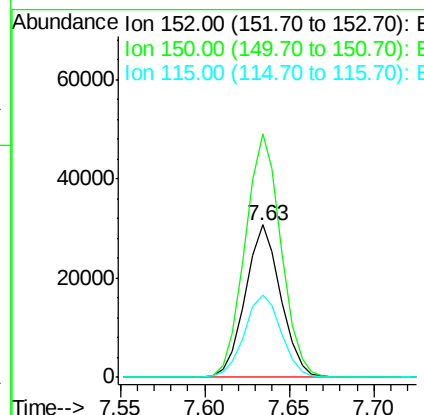
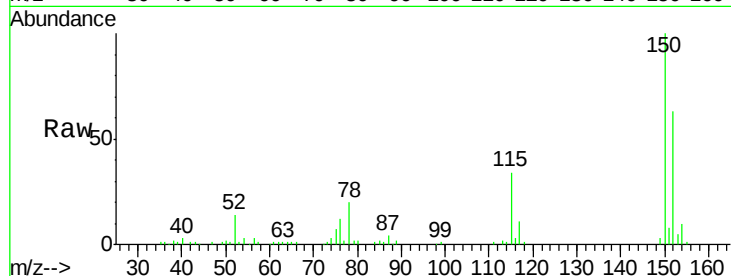




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.63 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

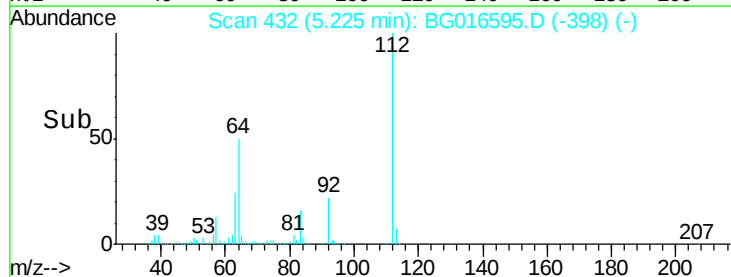
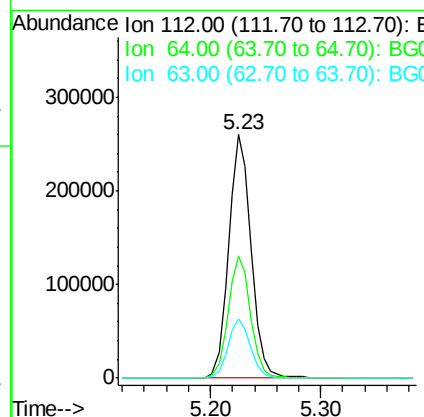
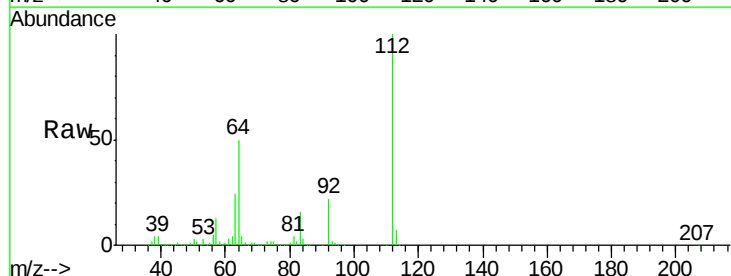
Instrument :
 BNA_G
 ClientSampleId :
 PB82885BL

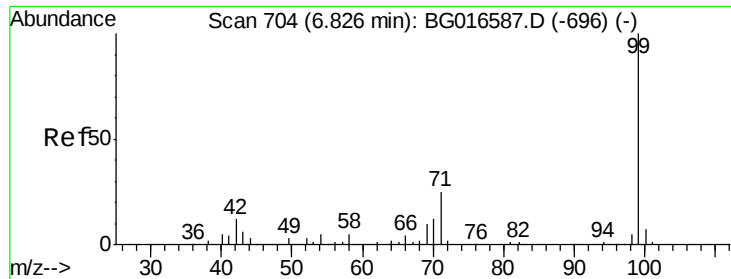
Tot Ion:152 Resp: 44808
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.5 188.3
 115 54.4 44.5 66.7



#5
 2-Fluorophenol
 Concen: 131.89 ng
 RT: 5.23 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Tgt Ion:112 Resp: 368730
 Ion Ratio Lower Upper
 112 100
 64 50.2 38.5 57.7
 63 24.5 18.2 27.4





#7

Phenol-d6

Concen: 128.27 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

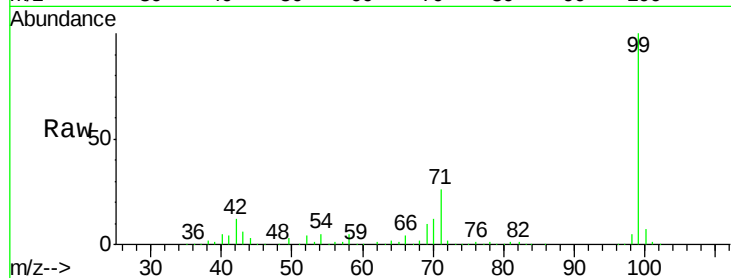
Tot Ion: 99 Resp: 501018

Ion Ratio Lower Upper

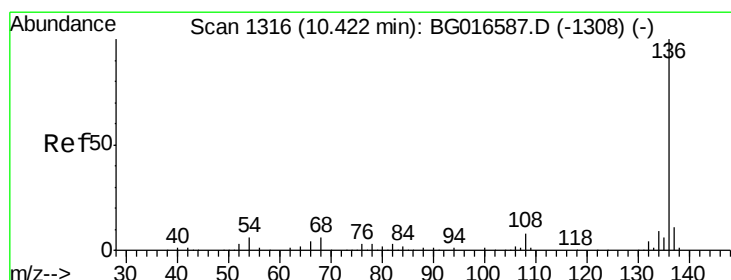
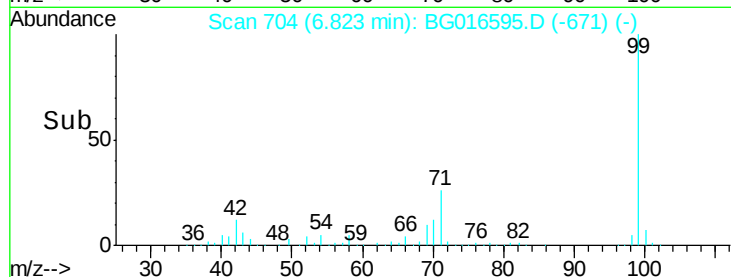
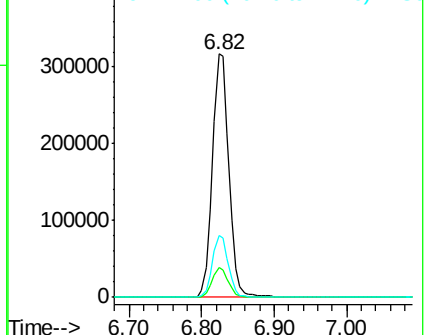
99 100

42 12.0 9.5 14.3

71 25.7 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Tgt Ion: 136 Resp: 183838

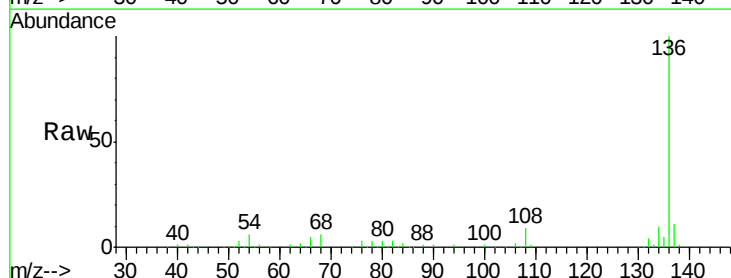
Ion Ratio Lower Upper

136 100

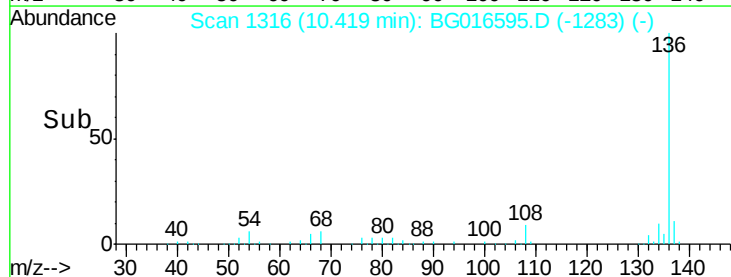
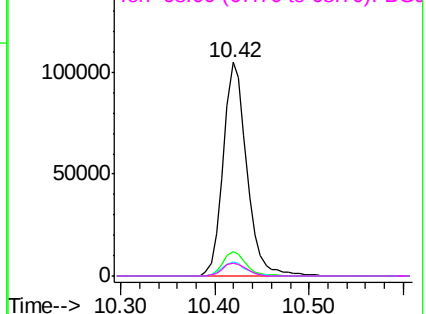
137 11.4 8.8 13.2

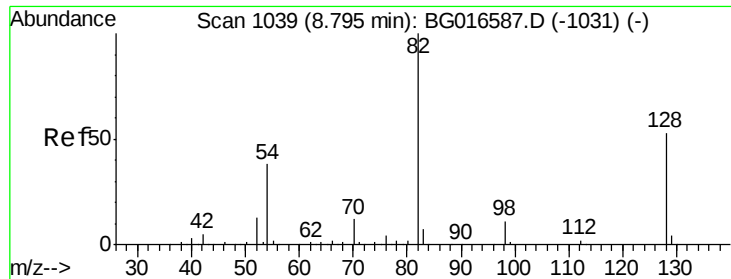
54 6.4 4.9 7.3

68 6.3 4.9 7.3



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

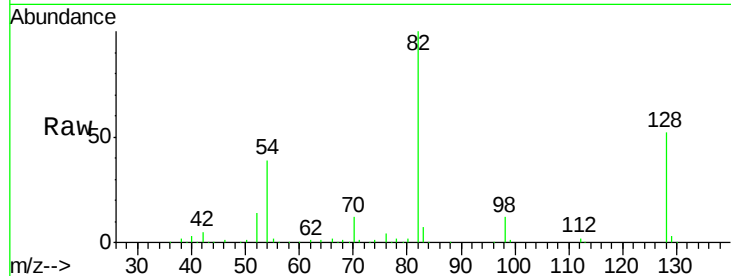




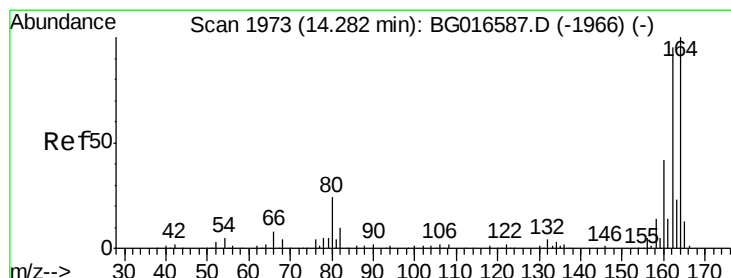
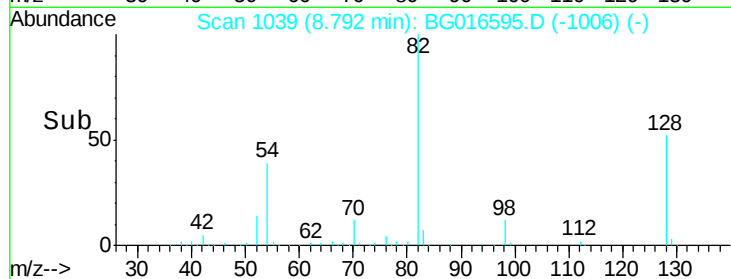
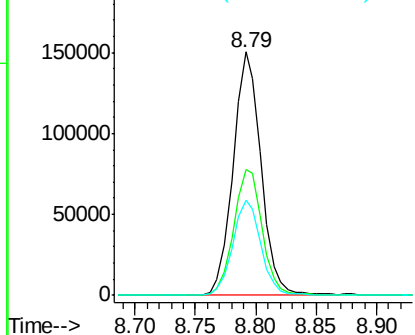
#23
 Nitrobenzene-d5
 Concen: 81.27 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Instrument :
 BNA_G
 ClientSampleID :
 PB82885BL

Tot Ion	82	Resp	242628
Ion Ratio	100	Lower	Upper
128	51.6	42.7	64.1
54	39.3	30.6	45.8

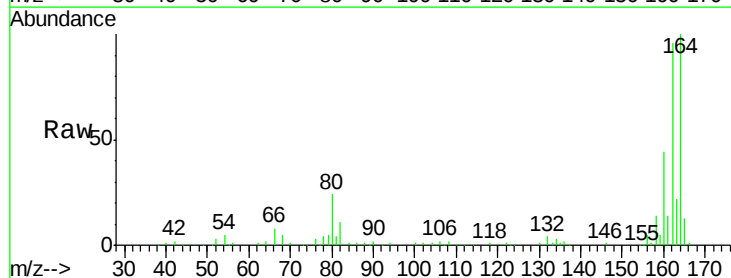


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

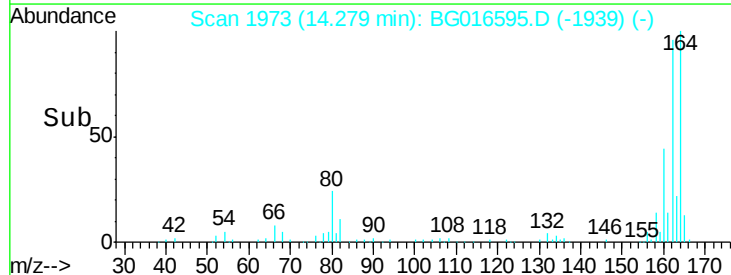
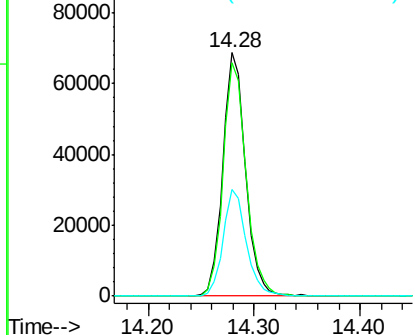


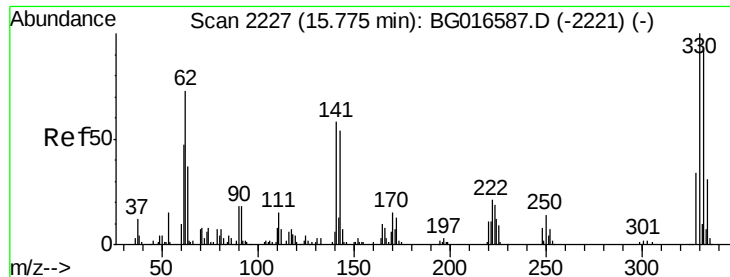
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Tgt Ion	164	Resp	102352
Ion Ratio	100	Lower	Upper
162	95.9	75.8	113.6
160	43.7	33.8	50.6



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

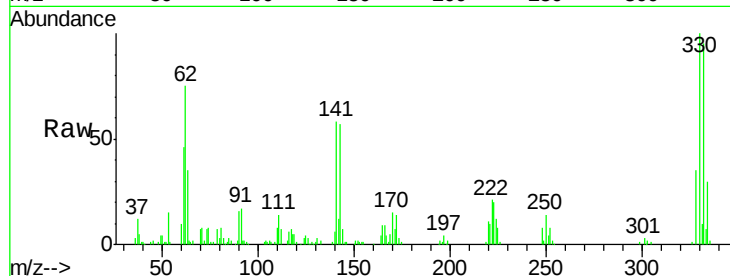




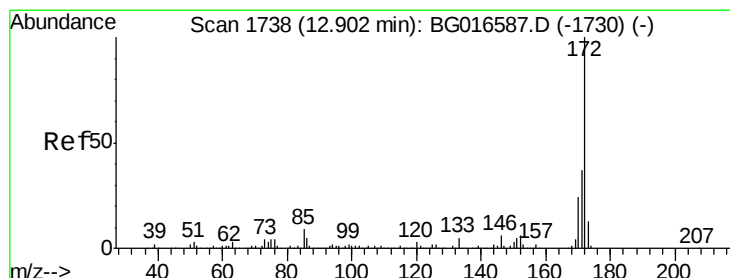
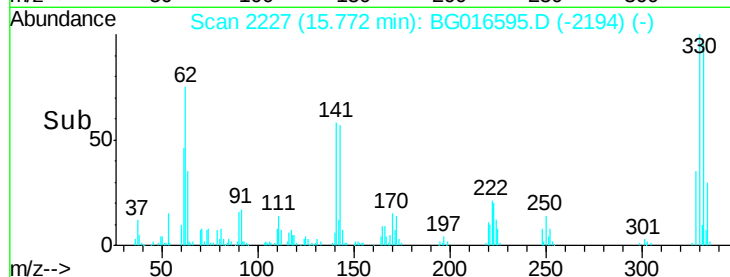
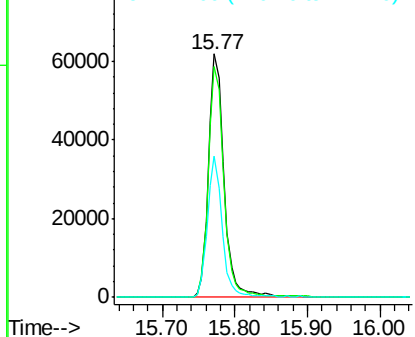
#41
 2,4,6-Tribromophenol
 Concen: 134.00 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BL

Tot Ion:330 Resp: 93155
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 55.2 45.9 68.9

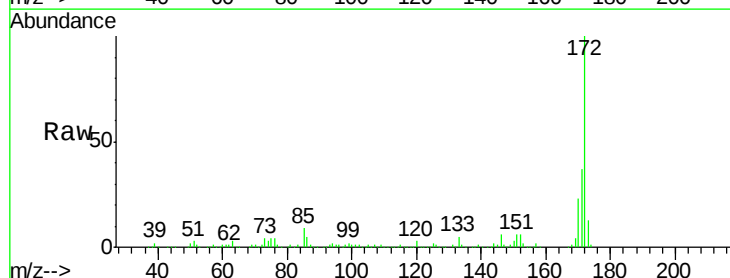


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

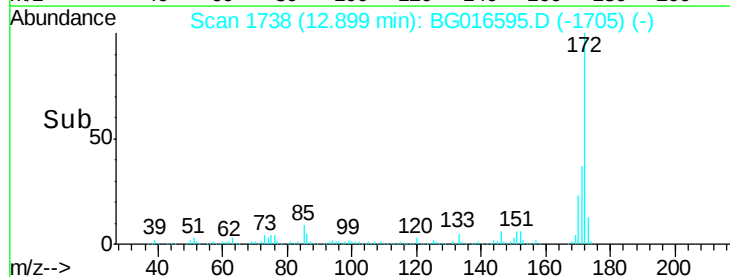
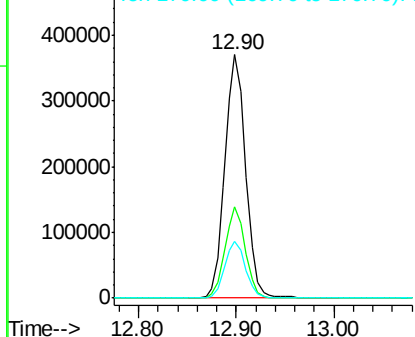


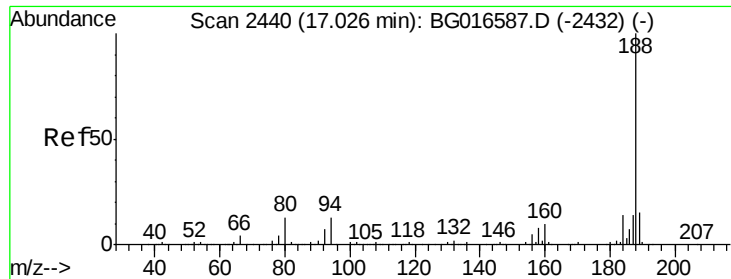
#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Tgt Ion:172 Resp: 545849
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 23.4 19.4 29.0



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

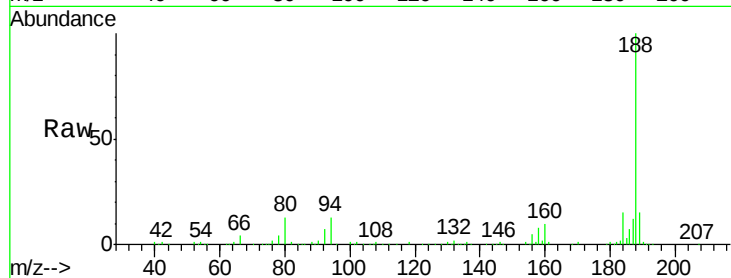




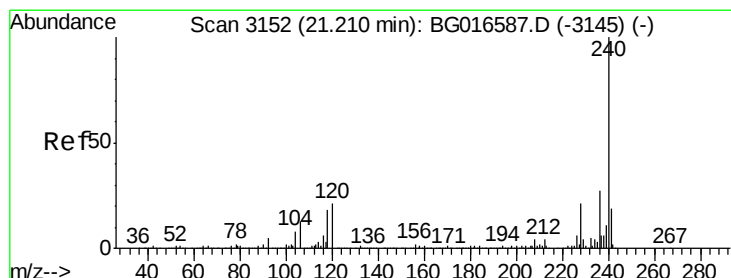
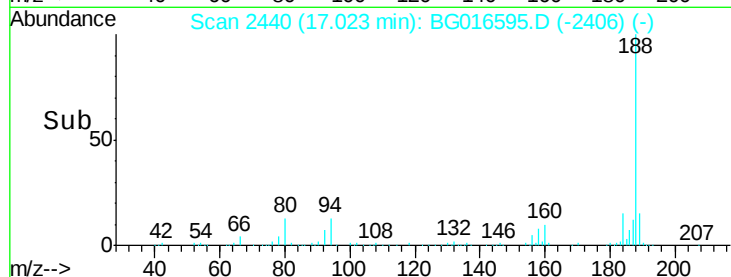
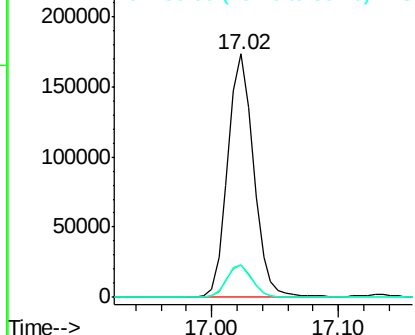
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Instrument :
BNA_G
ClientSampleId :
PB82885BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.5	15.7
80	13.4	10.6	16.0

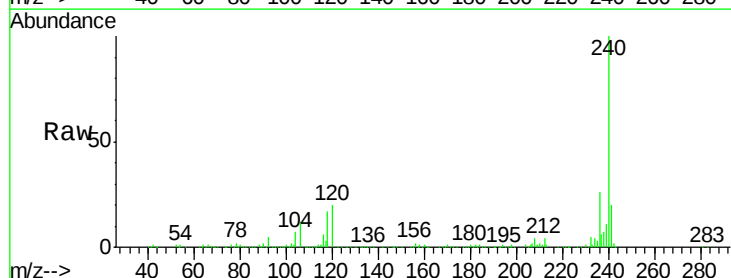


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

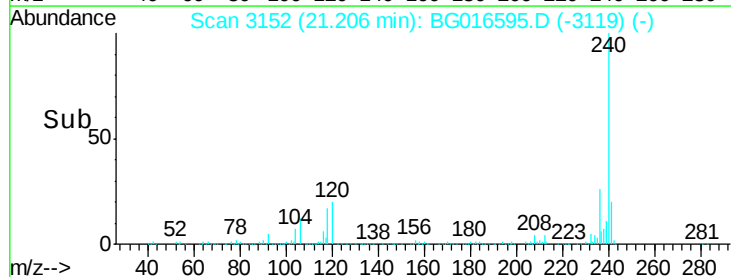
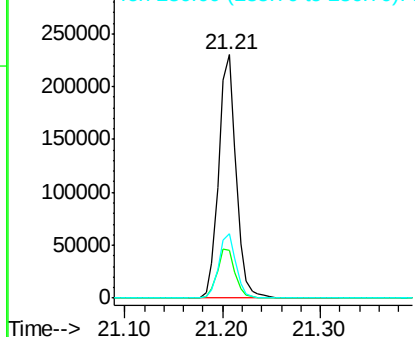


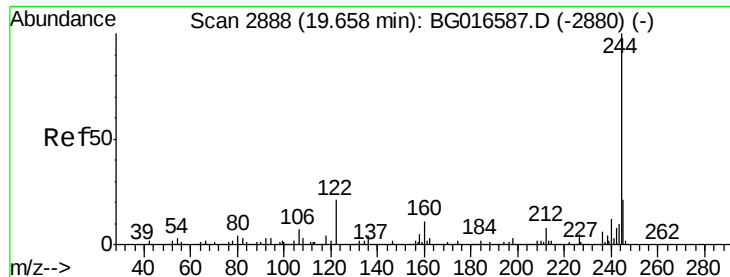
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.5	16.7	25.1
236	26.4	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: 80.73 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

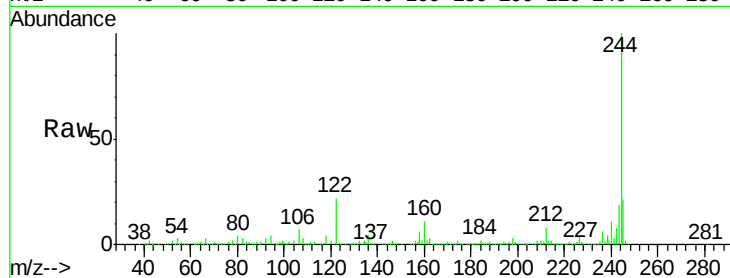
Tot Ion:244 Resp: 957170

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

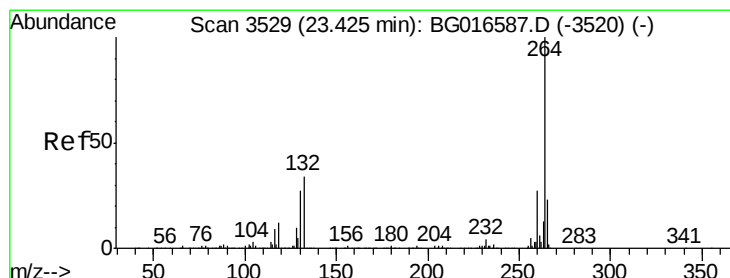
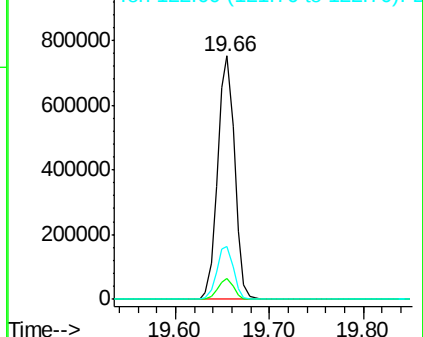
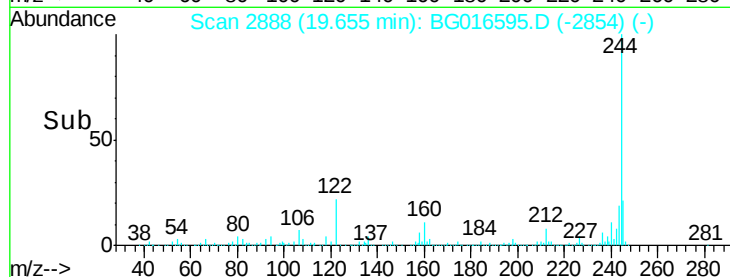
122 21.8 17.0 25.6



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: 23.42 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

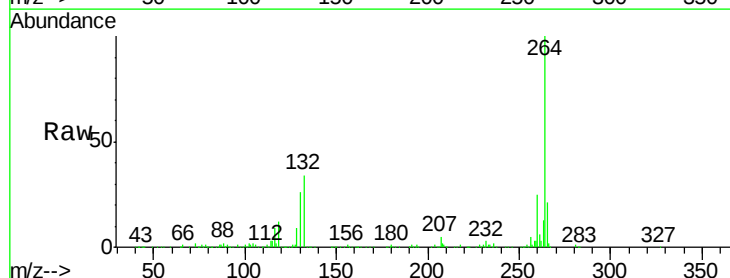
Tgt Ion:264 Resp: 265448

Ion Ratio Lower Upper

264 100

260 25.0 21.4 32.2

265 21.3 18.7 28.1



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

