

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085721.D
 Acq On : 24 Mar 2016 18:45
 Operator : UM/SJ
 Sample : PB89173BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BL

Quant Time: Mar 25 01:49:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	413959	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	201172	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	382361	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	289002	20.00	ng	0.00
86) Perylene-d12	15.40	264	193459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	813597	125.45	ng	0.02
7) Phenol-d6	6.46	99	937479	113.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	565576	76.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	283113	148.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1131602	93.98	ng	0.00
78) Terphenyl-d14	12.93	244	1022688	72.78	ng	0.00

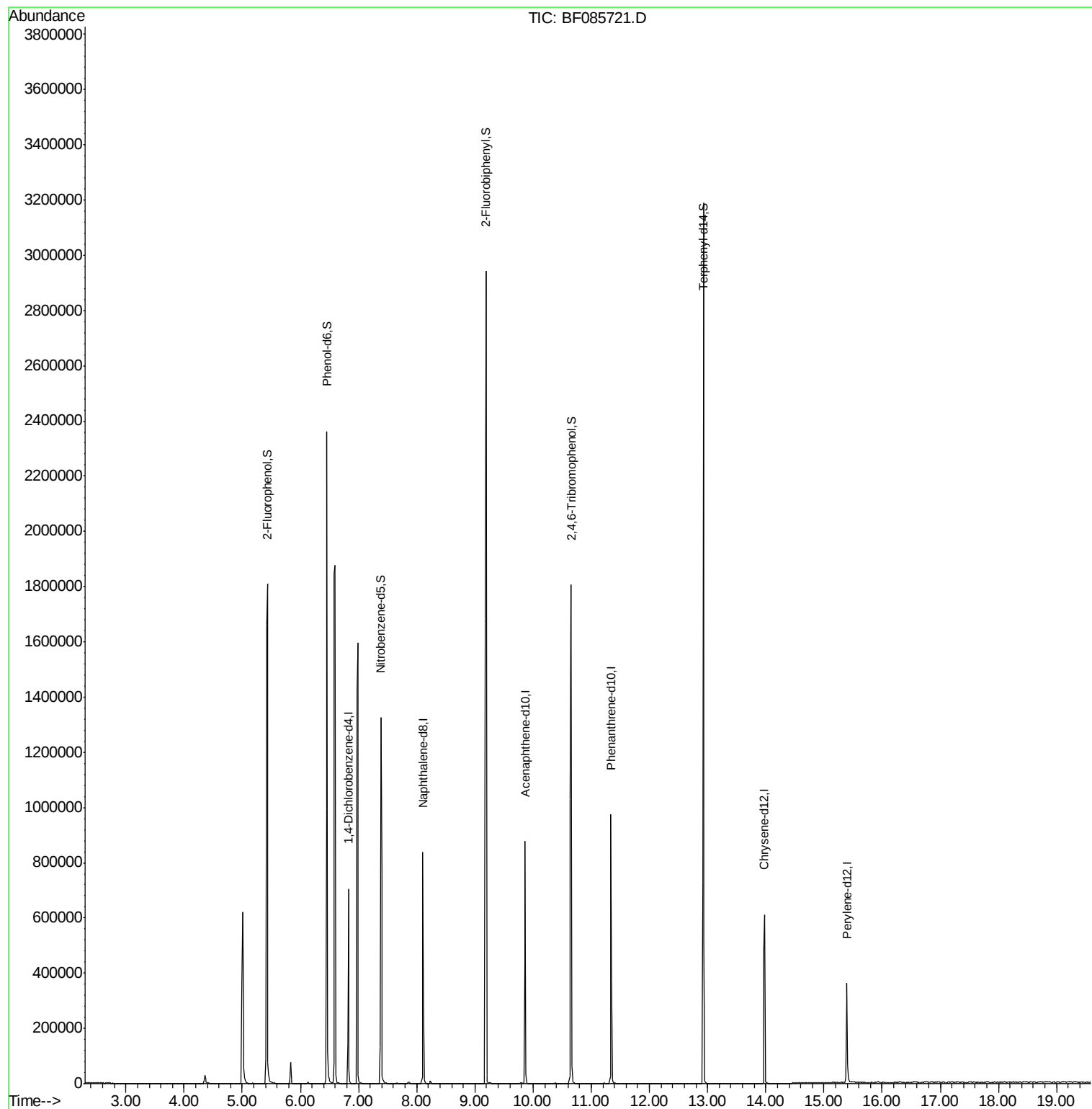
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

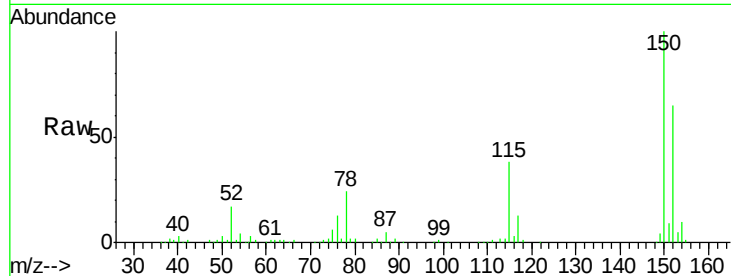
Tgt Ion:152 Resp: 108010

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

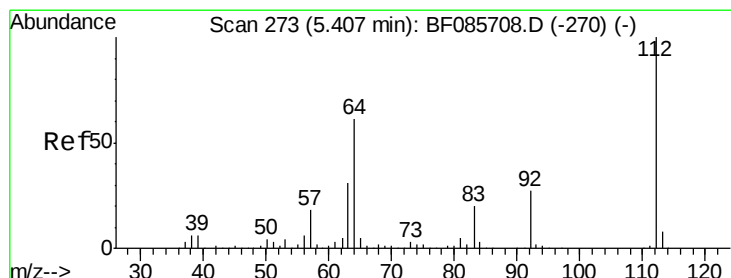
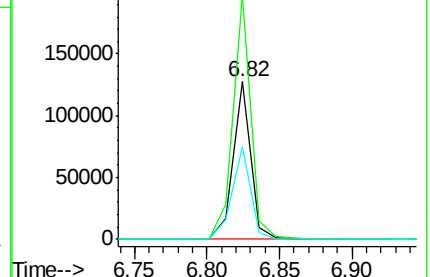
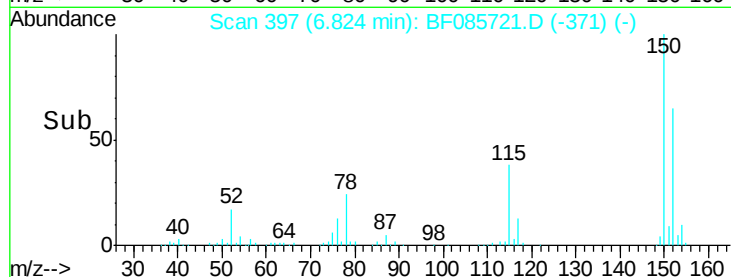
115 59.2 47.0 70.6



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: 125.45 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

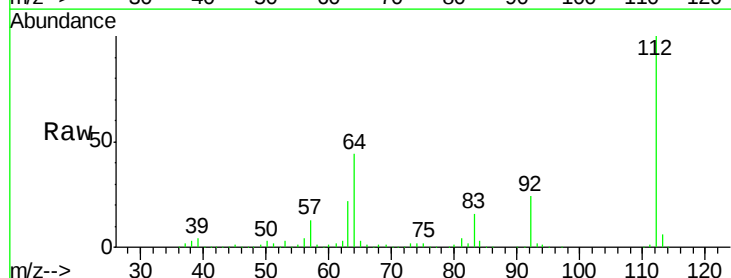
Tgt Ion:112 Resp: 813597

Ion Ratio Lower Upper

112 100

64 44.5 39.9 59.9

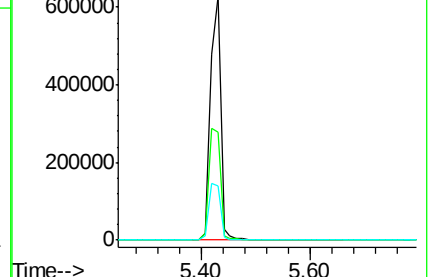
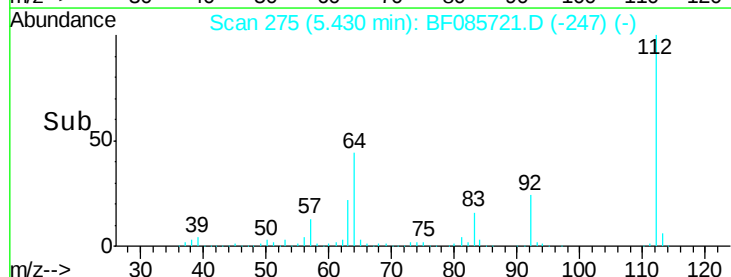
63 22.3 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.69 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

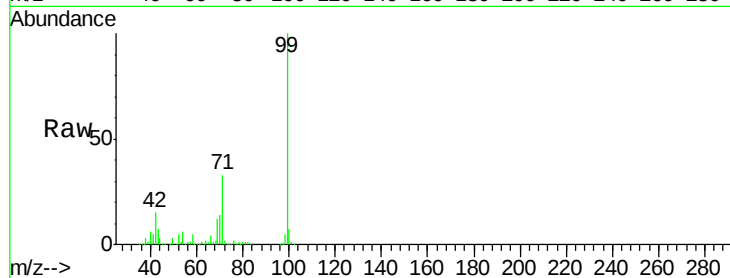
Tgt Ion: 99 Resp: 937479

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

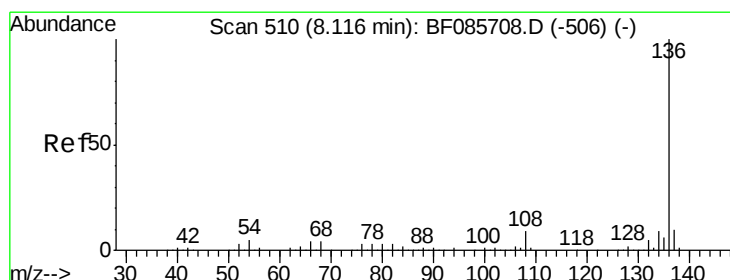
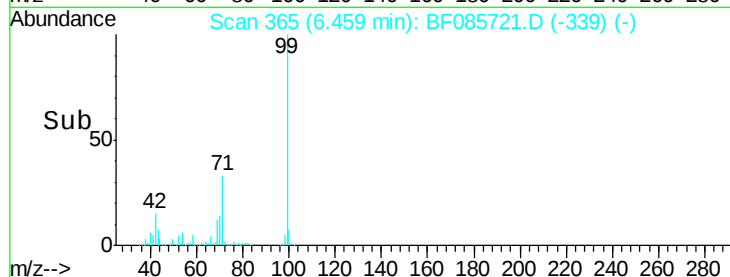
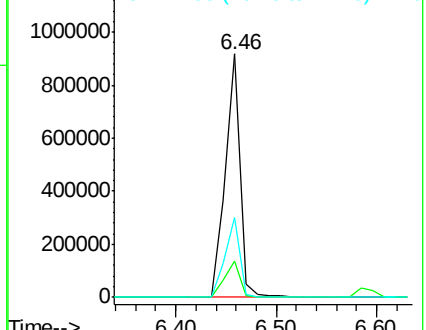
71 32.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Tgt Ion: 136 Resp: 413959

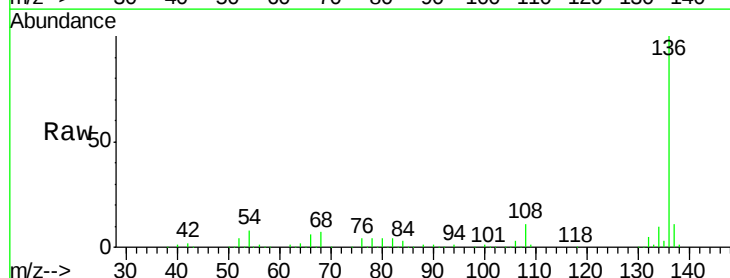
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 7.4 11.0

68 6.7 5.8 8.8

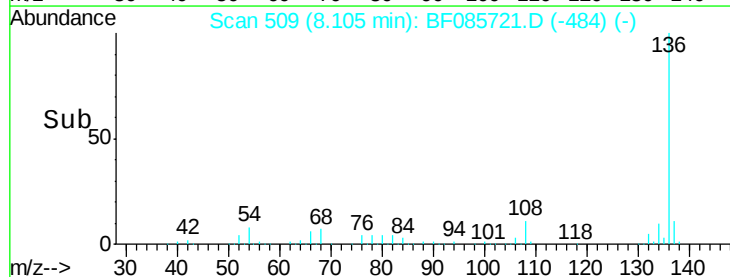
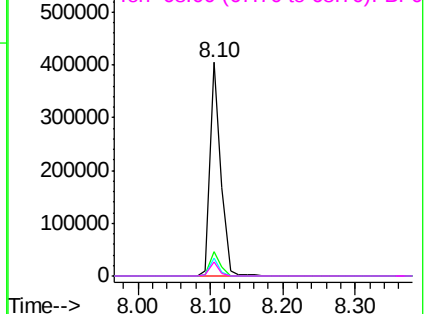


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

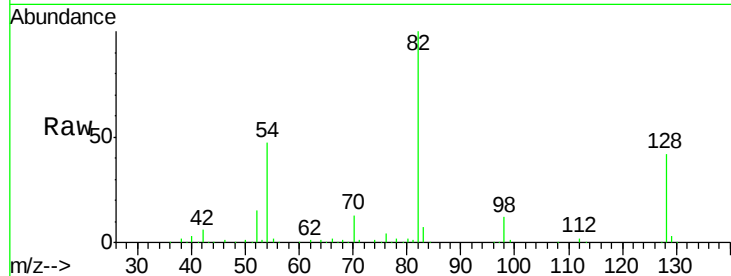




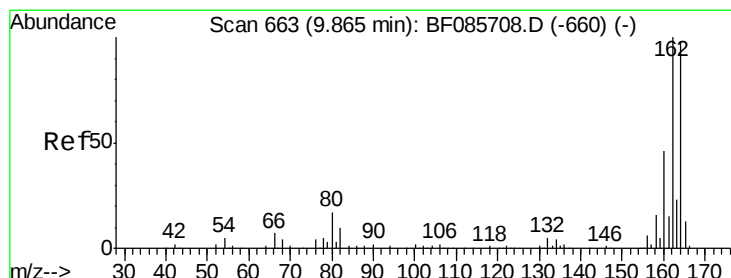
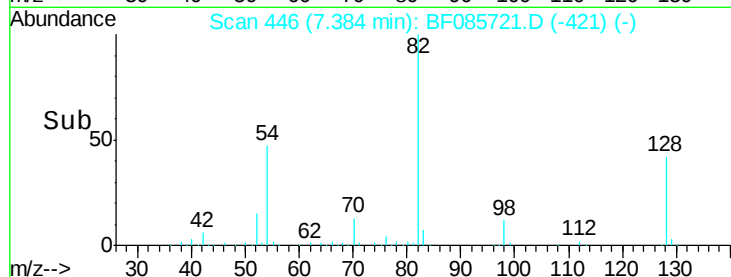
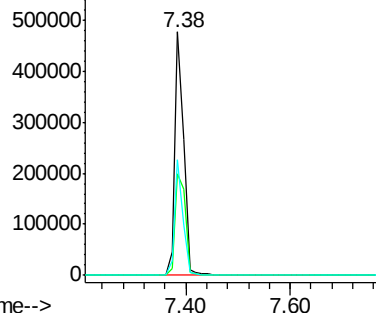
#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BL

Tgt Ion: 82 Resp: 565576
 Ion Ratio Lower Upper
 82 100
 128 41.7 41.8 62.8#
 54 47.4 33.4 50.0

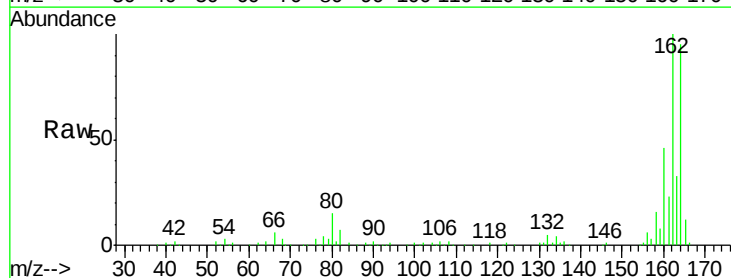


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

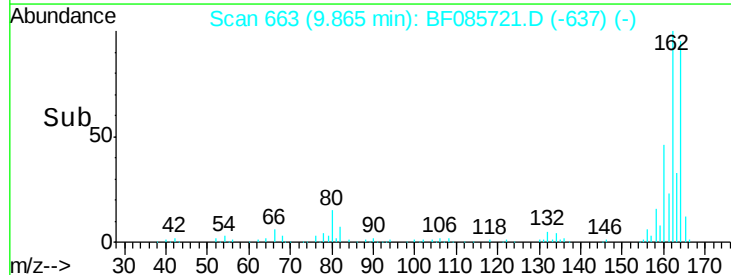
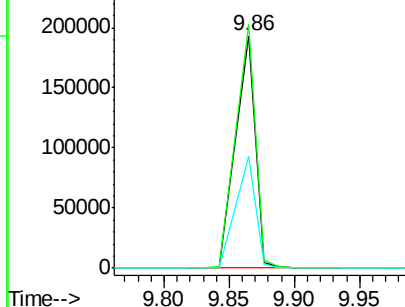


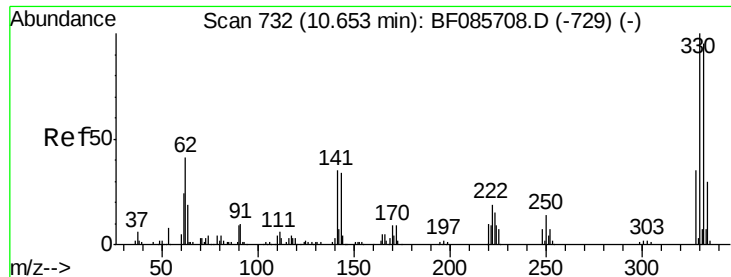
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Tgt Ion: 164 Resp: 201172
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.1 123.1
 160 48.3 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

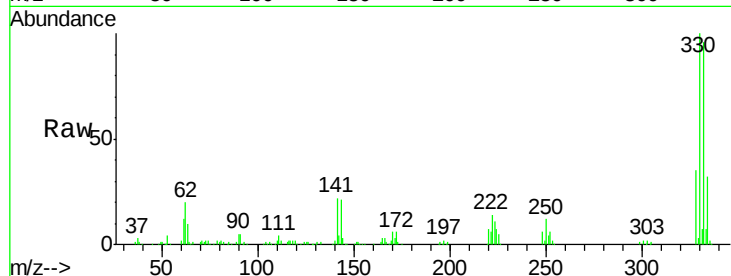




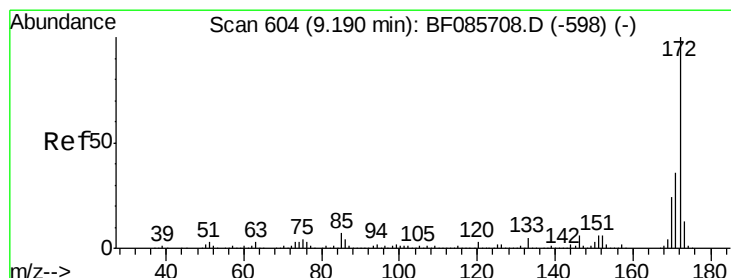
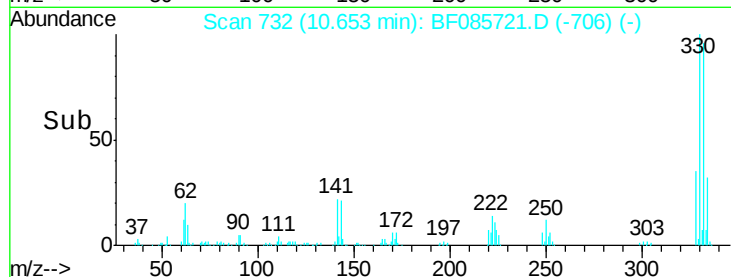
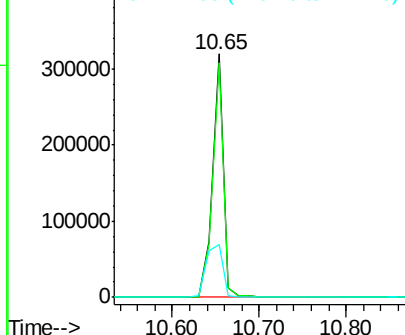
#41
 2,4,6-Tribromophenol
 Concen: 148.12 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BL

Tgt Ion:330 Resp: 283113
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 33.4 31.5 47.3

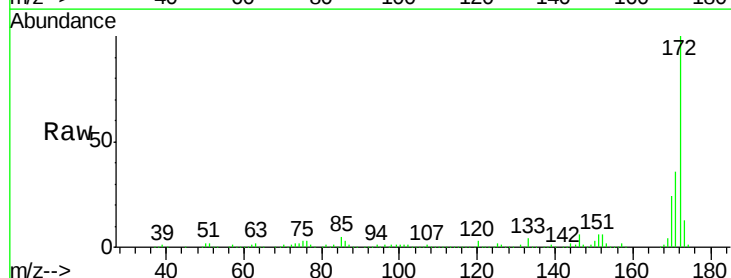


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

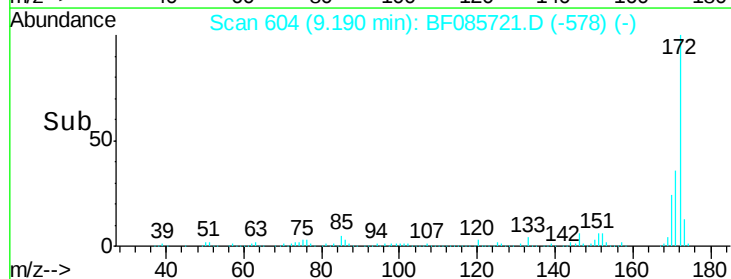
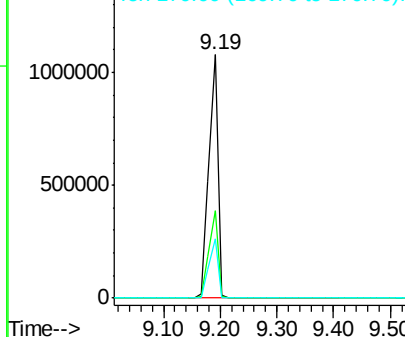


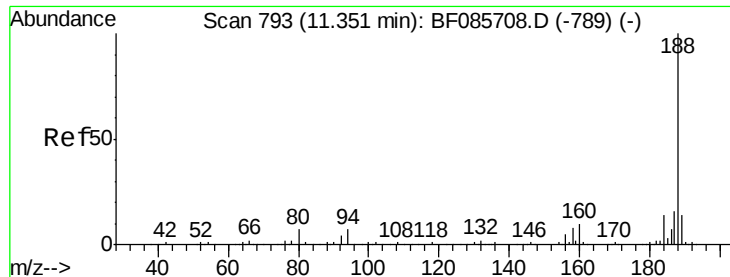
#44
 2-Fluorobiphenyl
 Concen: 93.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Tgt Ion:172 Resp: 1131602
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.4 19.8 29.6



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

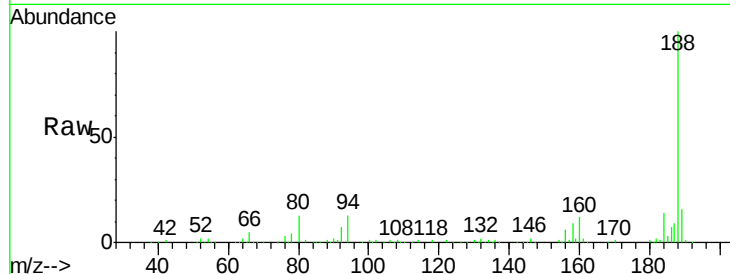




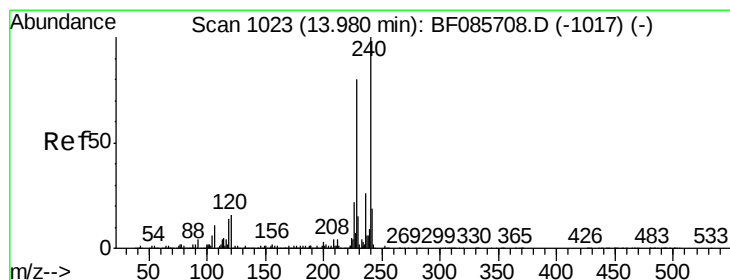
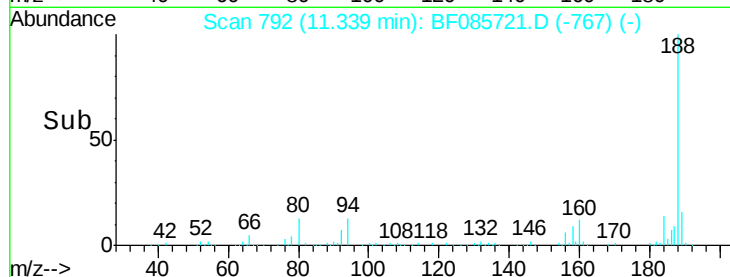
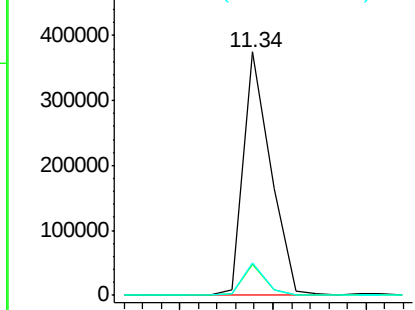
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Instrument :
BNA_F
ClientSampleId :
PB89173BL

Tgt Ion:188 Resp: 382361
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.3 5.5 8.3#

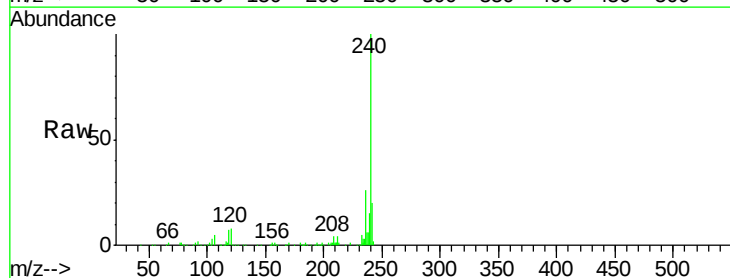


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

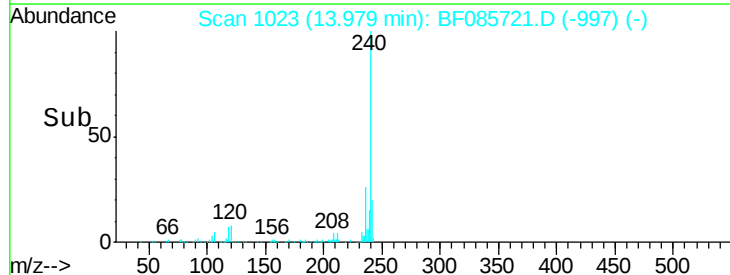
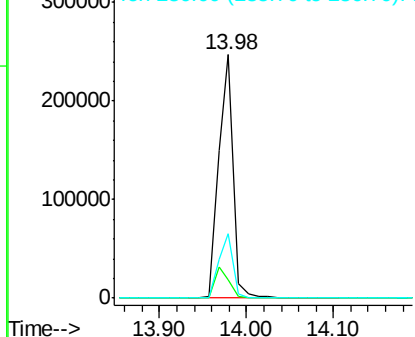


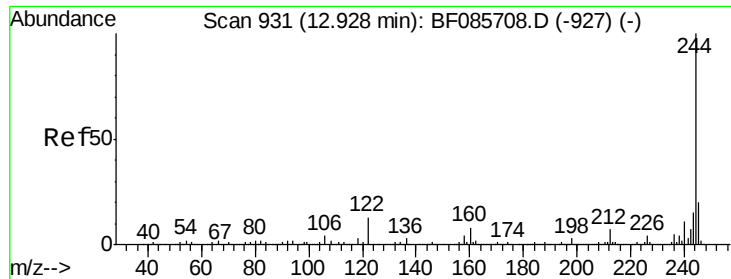
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Tgt Ion:240 Resp: 289002
Ion Ratio Lower Upper
240 100
120 7.8 13.8 20.8#
236 26.3 20.6 30.8



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

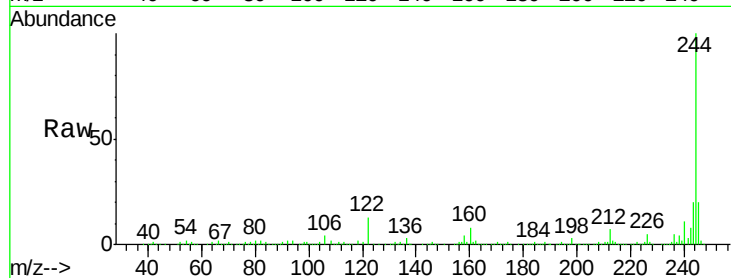




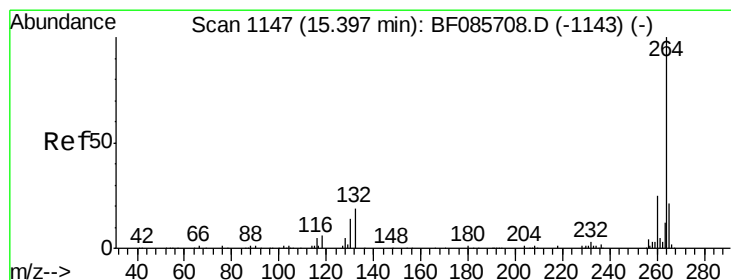
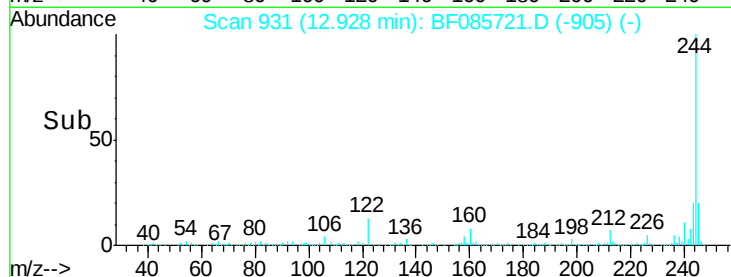
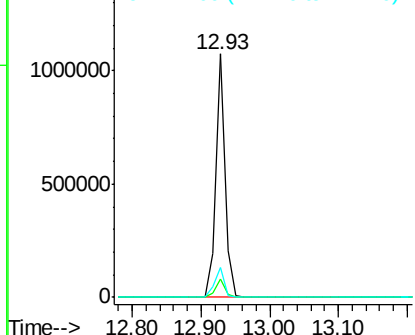
#78
 Terphenyl-d14
 Concen: 72.78 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Instrument :
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 ClientSampleId :
 PB89173BL

Tgt Ion:244 Resp: 1022688
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.5 10.2 15.4

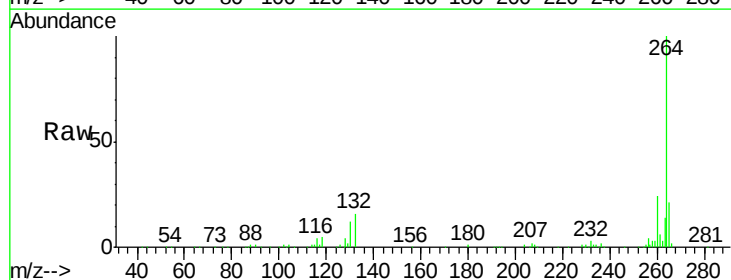


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Tgt Ion:264 Resp: 193459
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 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

