

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085395.D
 Acq On : 12 Mar 2016 3:25
 Operator : UM/SJ
 Sample : PB88821BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

Quant Time: Mar 12 04:52:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141161	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	535135	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	255131	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	329761	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	214379	20.00	ng	-0.05
86) Perylene-d12	15.57	264	203628	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1058851	125.82	ng	-0.03
7) Phenol-d6	6.56	99	1190916	108.01	ng	-0.05
23) Nitrobenzene-d5	7.50	82	782390	78.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	218990	100.31	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1442433	85.98	ng	-0.05
78) Terphenyl-d14	13.05	244	815547	88.31	ng	-0.03

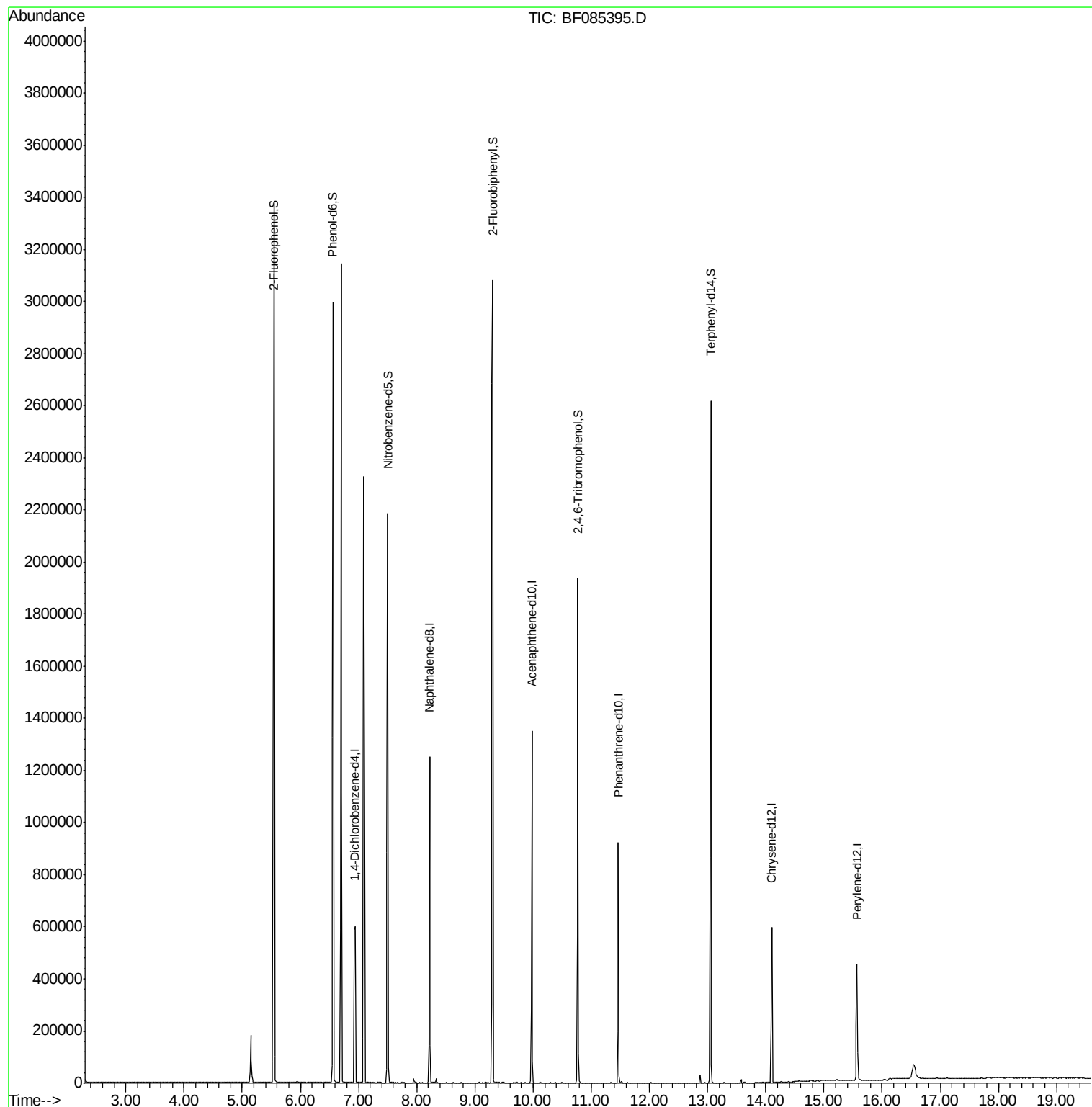
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

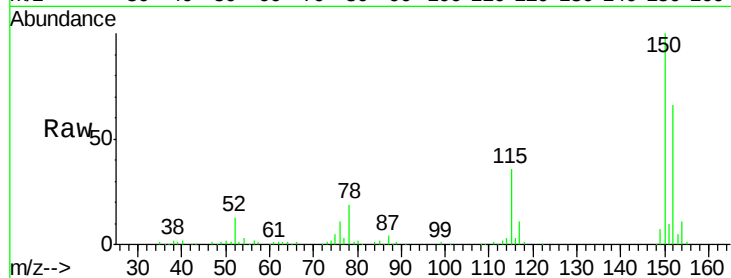
Tgt Ion:152 Resp: 141161

Ion Ratio Lower Upper

152 100

150 152.7 124.6 186.8

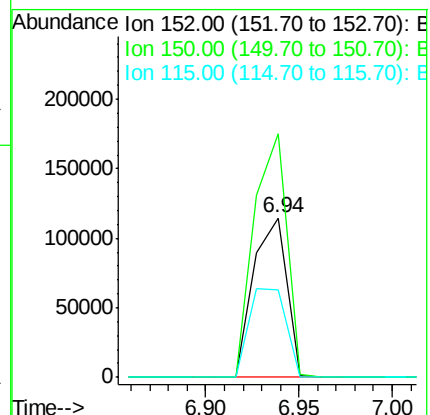
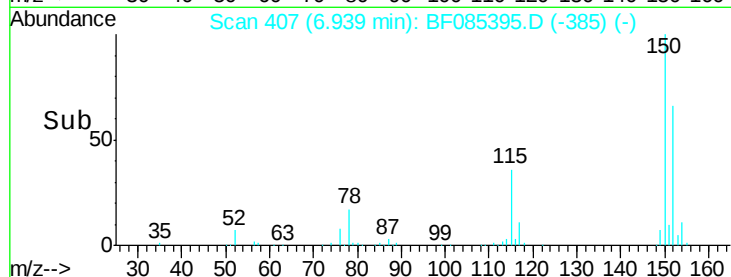
115 54.6 46.6 70.0



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: 125.82 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

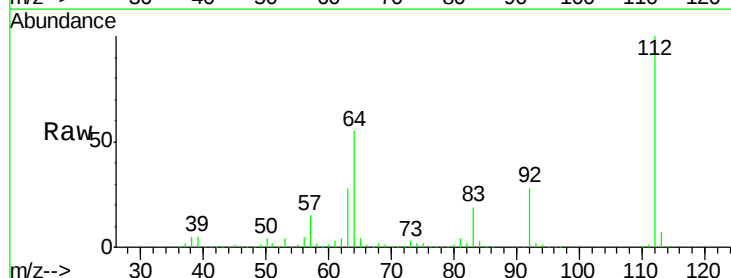
Tgt Ion:112 Resp: 1058851

Ion Ratio Lower Upper

112 100

64 54.9 49.0 73.4

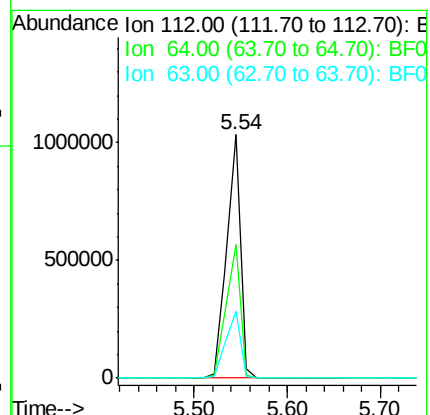
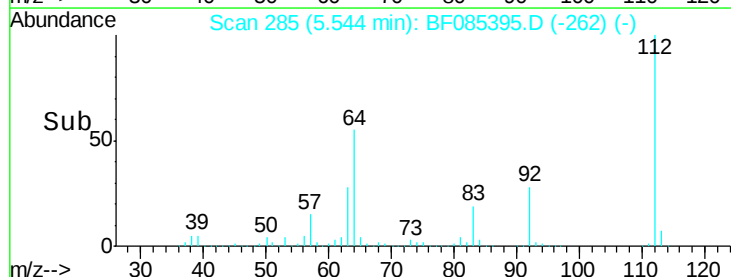
63 27.6 24.8 37.2



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: 108.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

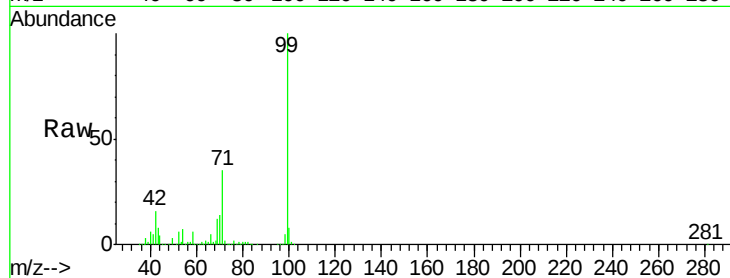
Tgt Ion: 99 Resp: 1190916

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

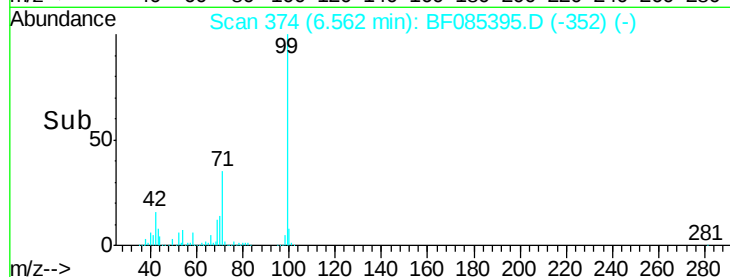
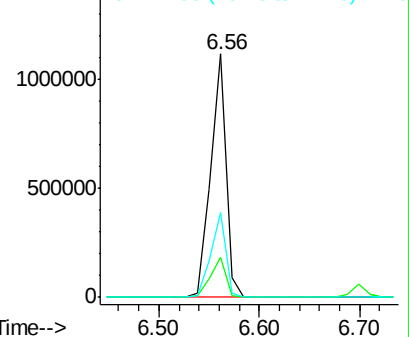
71 35.1 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Tgt Ion: 136 Resp: 535135

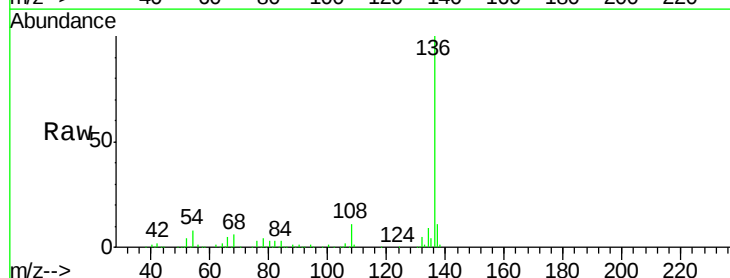
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 7.4 11.2

68 6.3 6.0 9.0

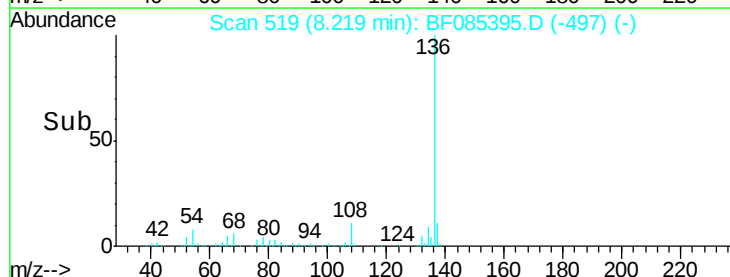
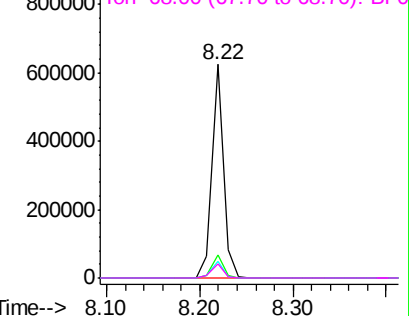


Abundance Ion 136.00 (135.70 to 136.70): E

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

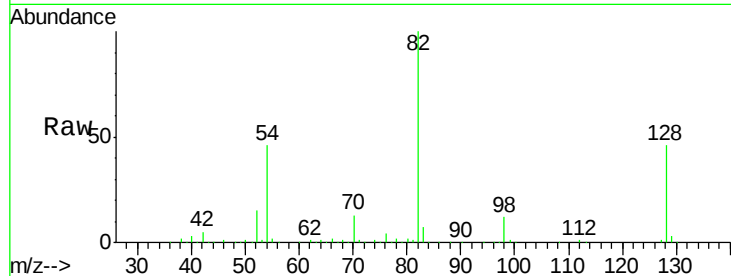




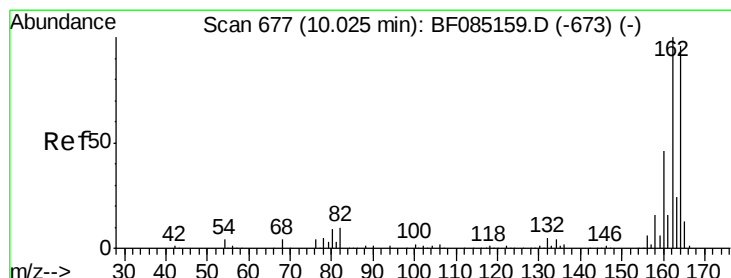
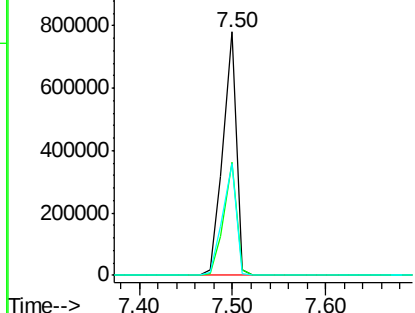
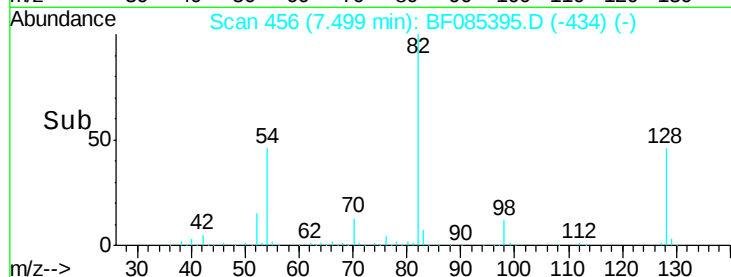
#23
 Nitrobenzene-d5
 Concen: 78.24 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

Tgt Ion: 82 Resp: 782390
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.5 51.7
 54 45.8 39.3 58.9

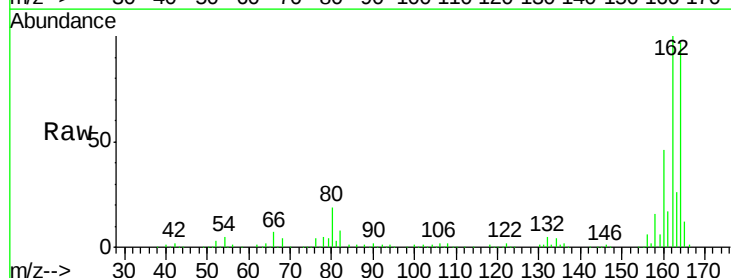


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

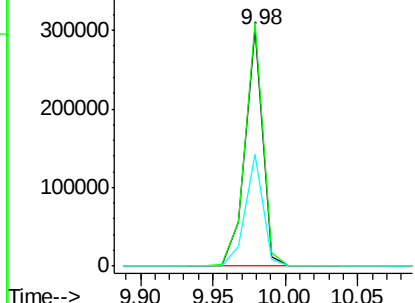
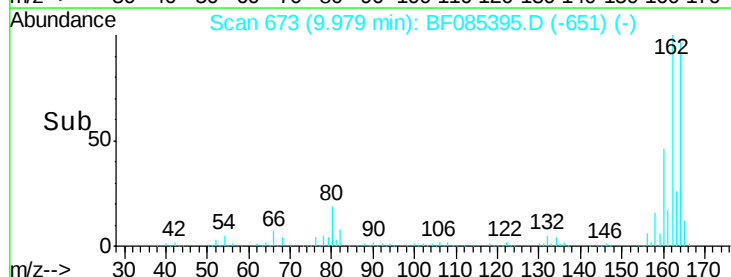


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Tgt Ion: 164 Resp: 255131
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.3 124.9
 160 47.2 37.9 56.9



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

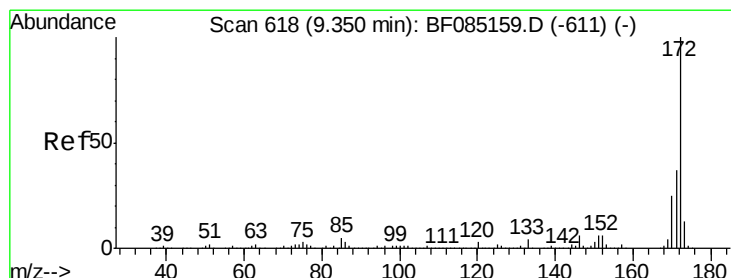
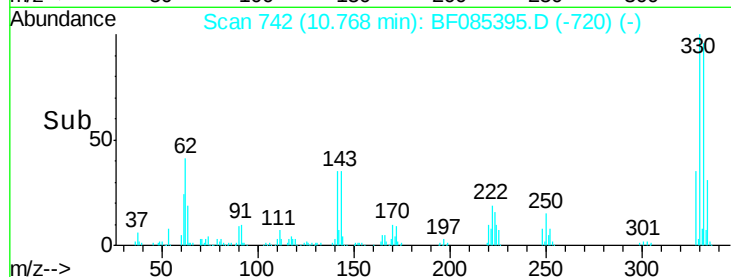
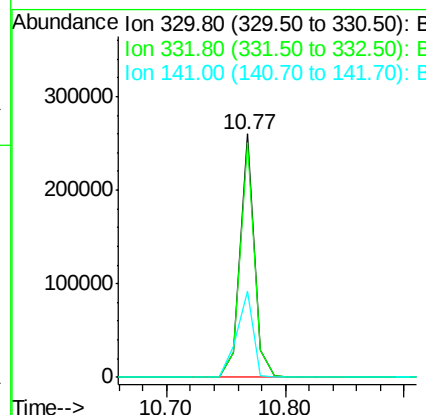
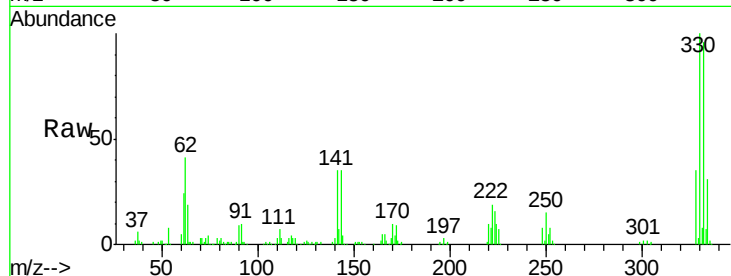




#41
 2,4,6-Tribromophenol
 Concen: 100.31 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

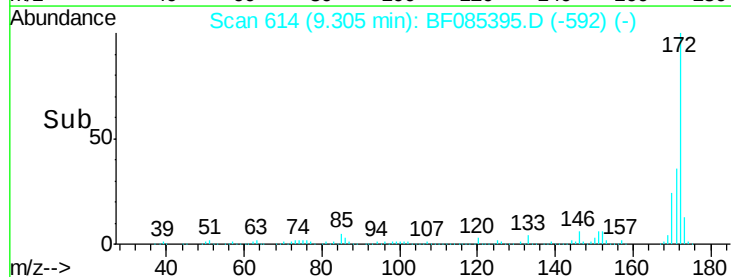
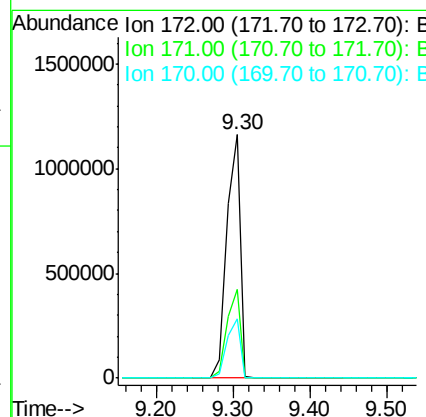
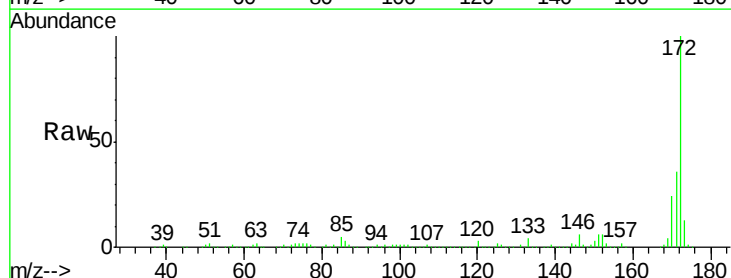
Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

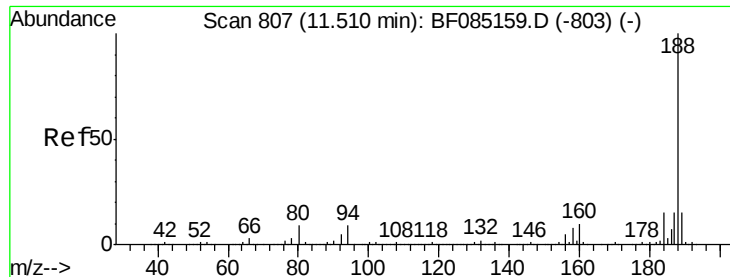
Tgt Ion:330 Resp: 218990
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 40.2 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Tgt Ion:172 Resp: 1442433
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.4 20.0 30.0

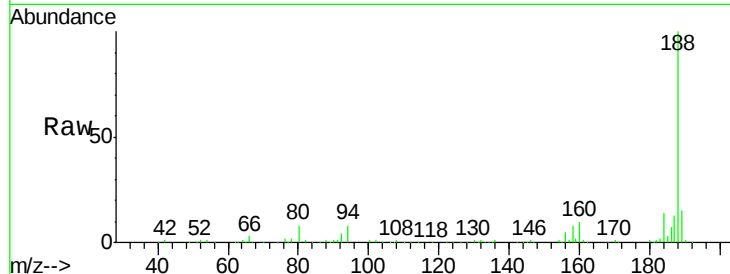




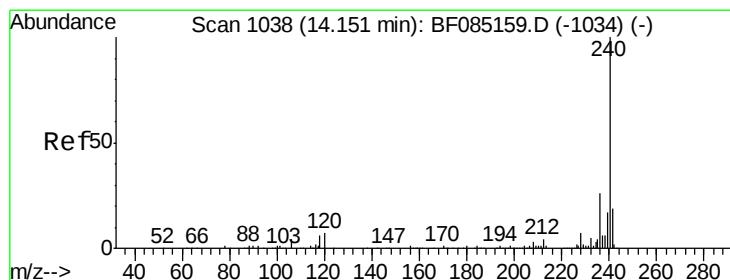
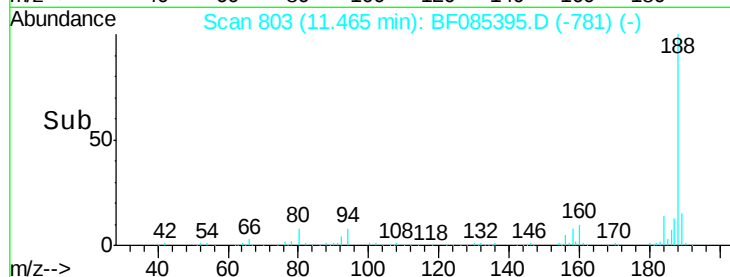
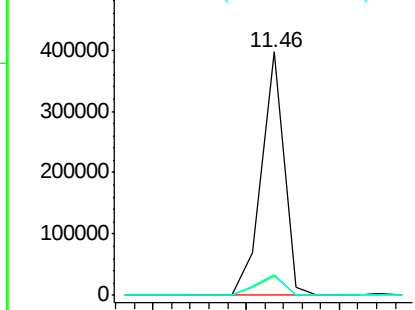
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085395.D
Acq: 12 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
PB88821BL

Tgt Ion:188 Resp: 329761
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.5 7.4 11.0

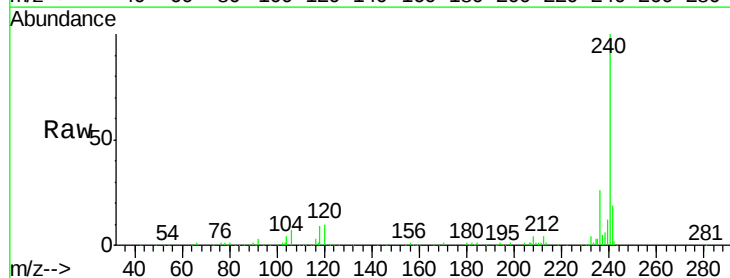


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

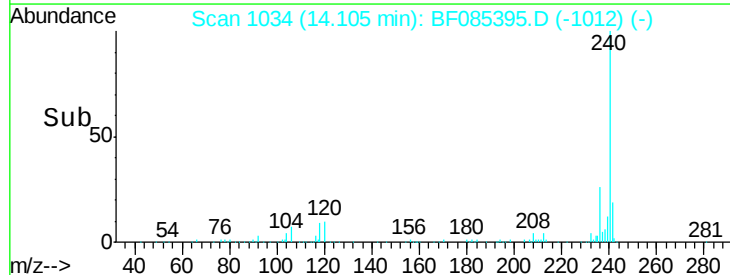
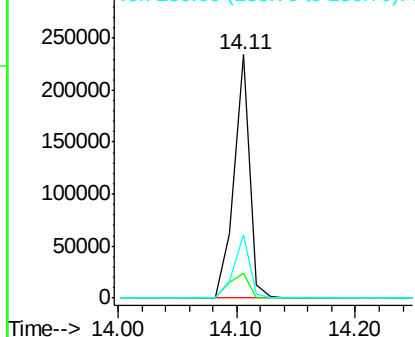


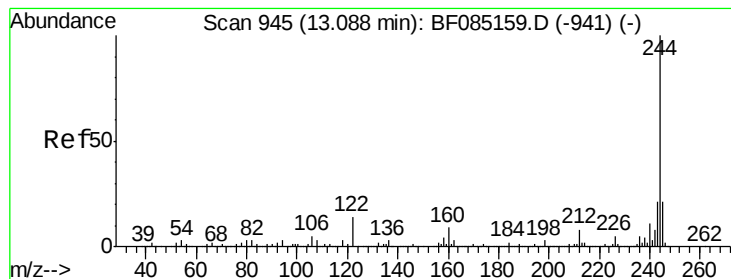
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085395.D
Acq: 12 Mar 2016 3:25

Tgt Ion:240 Resp: 214379
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 26.2 20.7 31.1



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: 88.31 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

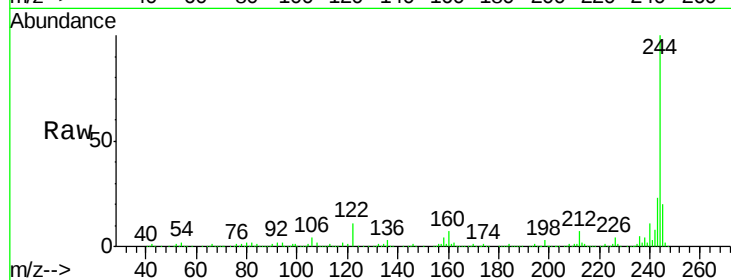
Tgt Ion:244 Resp: 815547

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

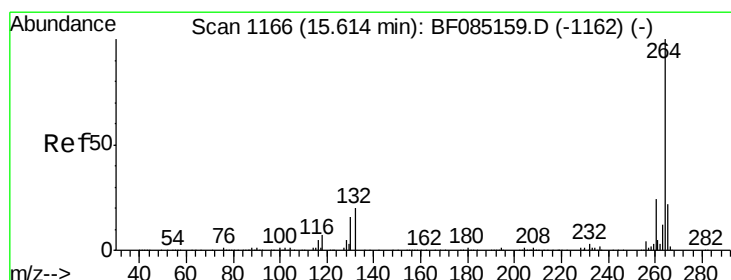
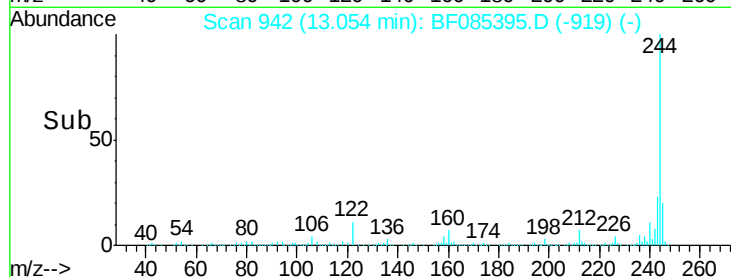
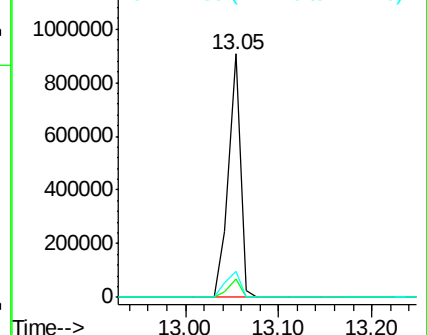
122 10.7 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

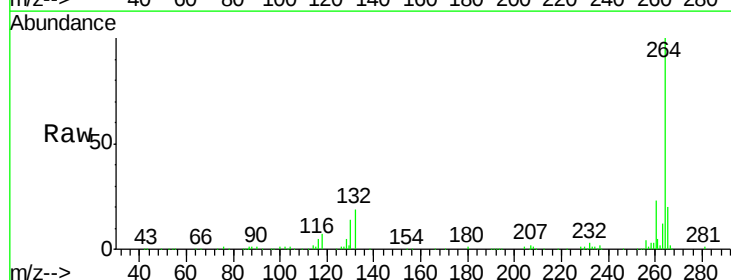
Tgt Ion:264 Resp: 203628

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.4 17.3 25.9



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

