

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085336.D
 Acq On : 10 Mar 2016 16:37
 Operator : UM/SJ
 Sample : PB88804BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

Quant Time: Mar 10 17:46:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:13:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174911	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	656693	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	329260	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	650582	20.00	ng	0.00
75) Chrysene-d12	14.11	240	445384	20.00	ng	0.00
86) Perylene-d12	15.57	264	318471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1124693	107.86	ng	0.01
7) Phenol-d6	6.56	99	1361225	99.64	ng	0.00
23) Nitrobenzene-d5	7.50	82	863124	70.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	339007	120.33	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1617224	74.70	ng	0.00
78) Terphenyl-d14	13.05	244	1444070	75.27	ng	0.00

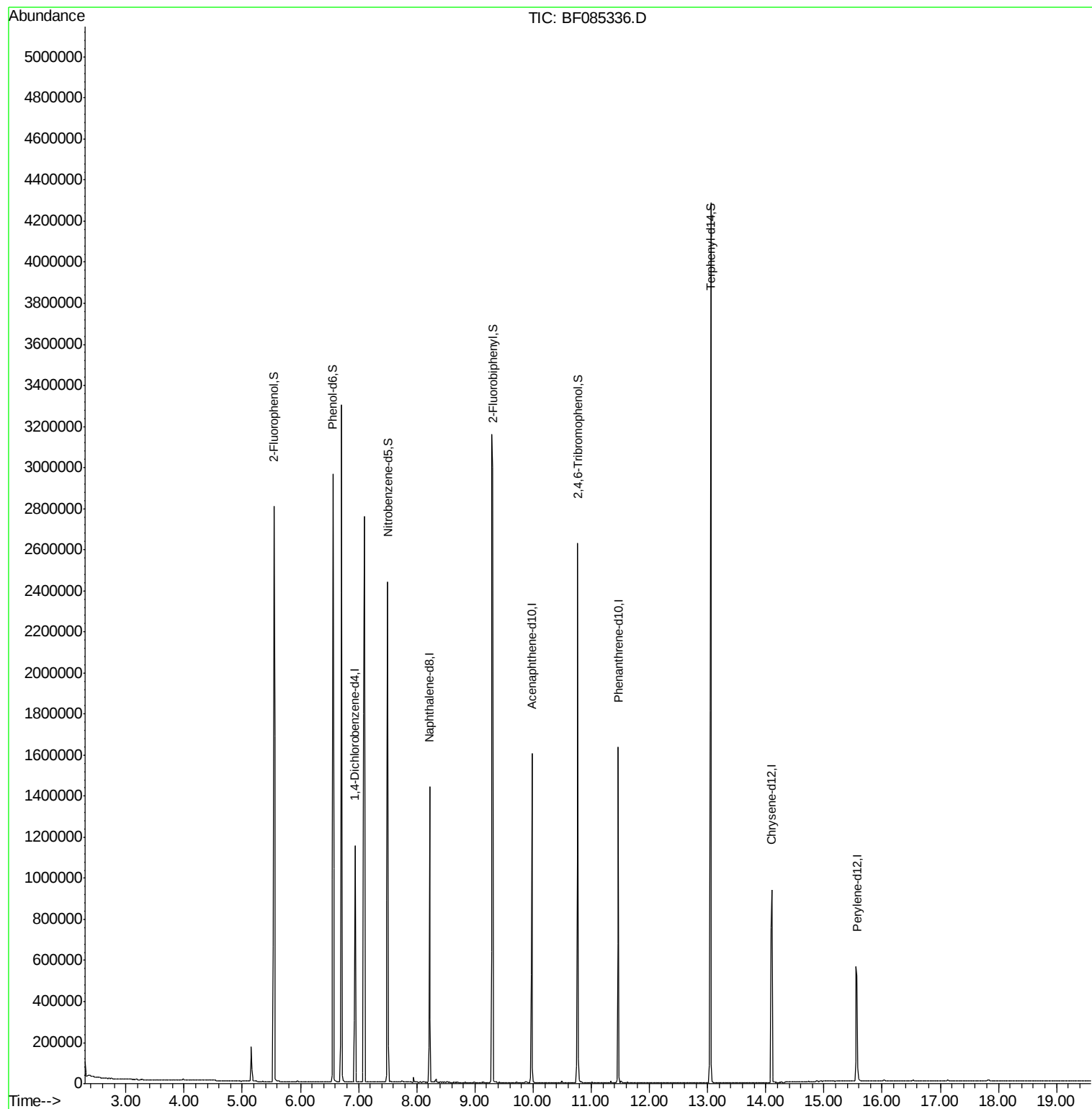
Target Compounds	Qvalue
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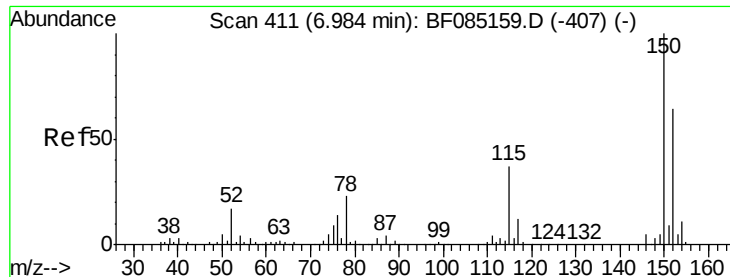
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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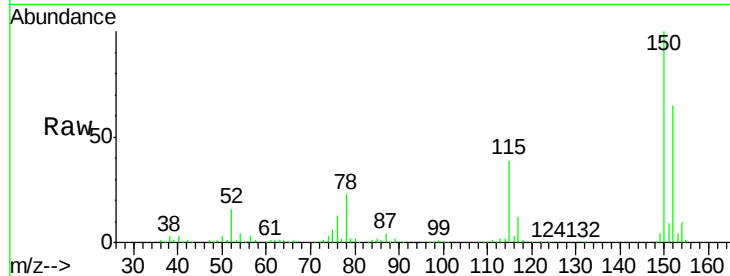


#1

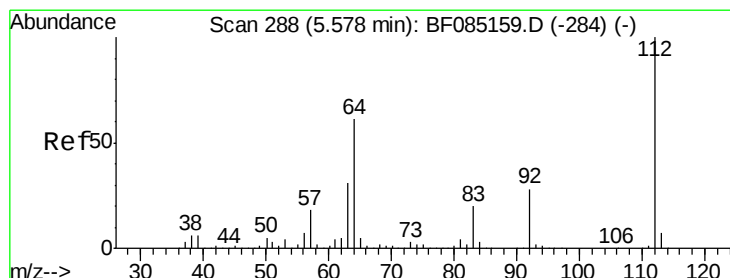
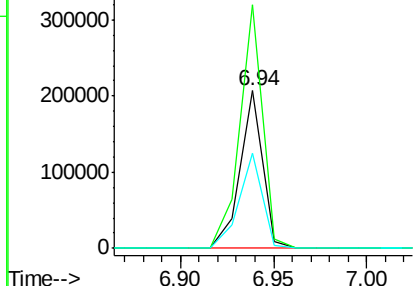
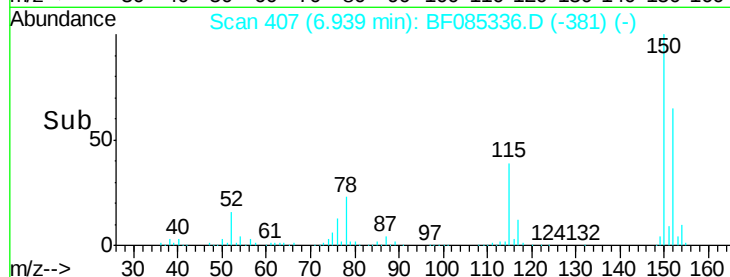
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

Tgt Ion:152 Resp: 174911
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 60.6 46.6 70.0



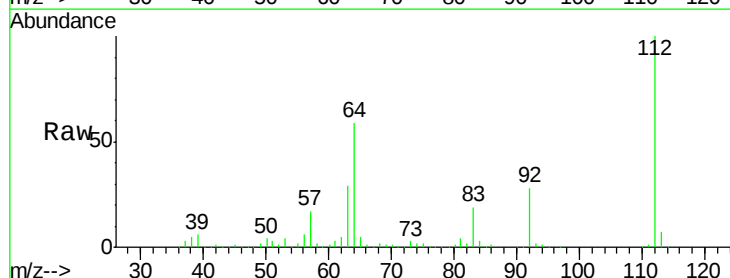
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



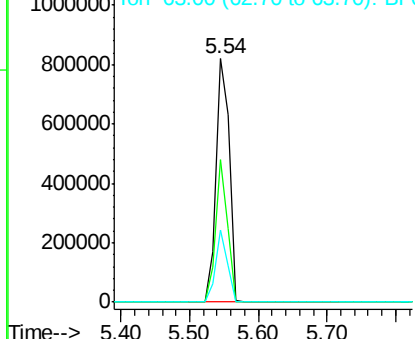
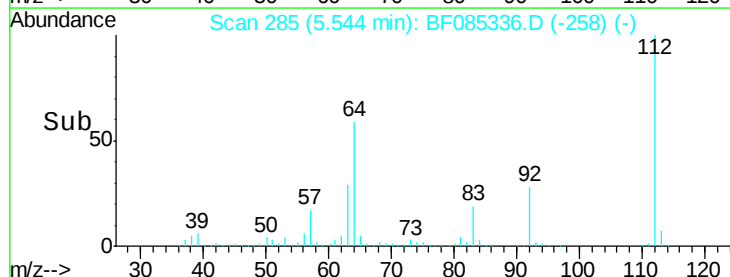
#5

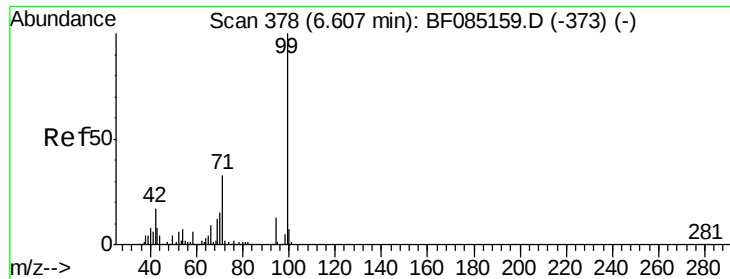
2-Fluorophenol
 Concen: 107.86 ng
 RT: 5.54 min Scan# 285
 Delta R.T. 0.01 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion:112 Resp: 1124693
 Ion Ratio Lower Upper
 112 100
 64 58.7 49.0 73.4
 63 29.4 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: 99.64 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Instrument :

BNA_F

ClientSampleId :

PB88804BL

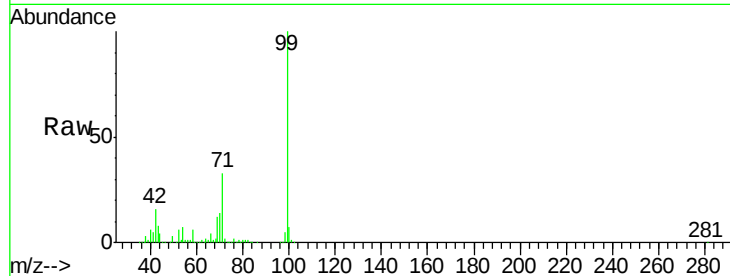
Tgt Ion: 99 Resp: 1361225

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

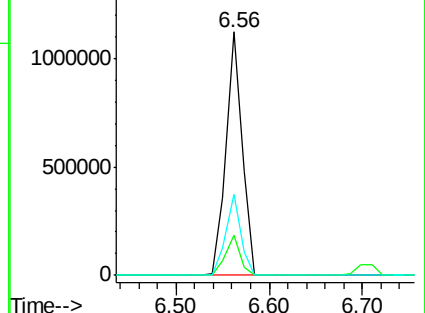
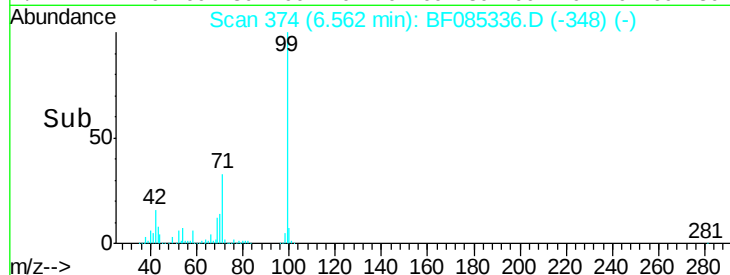
71 33.2 26.7 40.1



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. -0.01 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Tgt Ion: 136 Resp: 656693

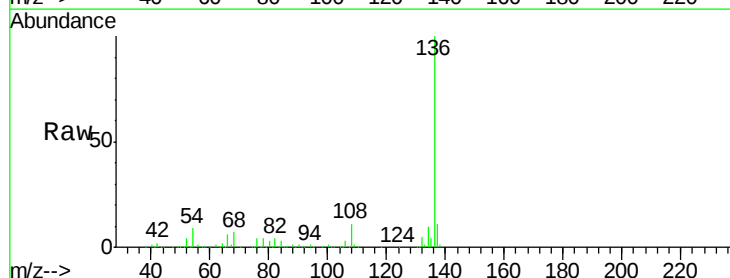
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.6 7.4 11.2

68 6.8 6.0 9.0

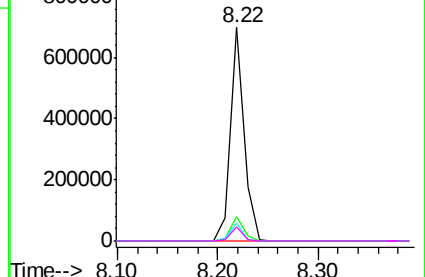
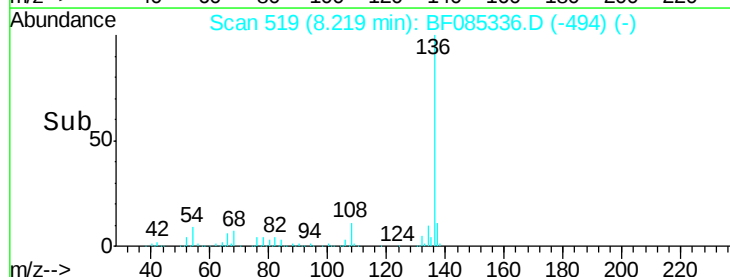


Abundance Ion 136.00 (135.70 to 136.70): E

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

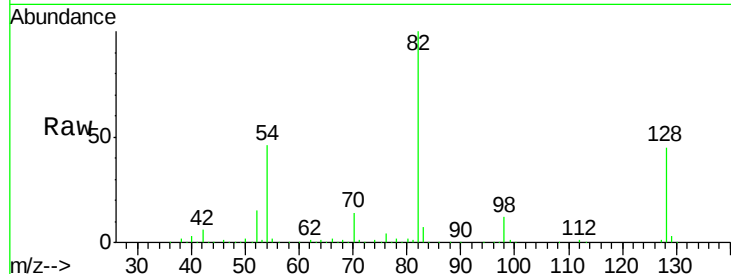




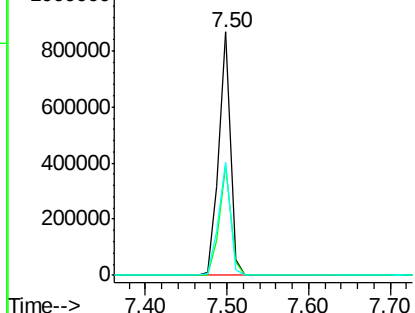
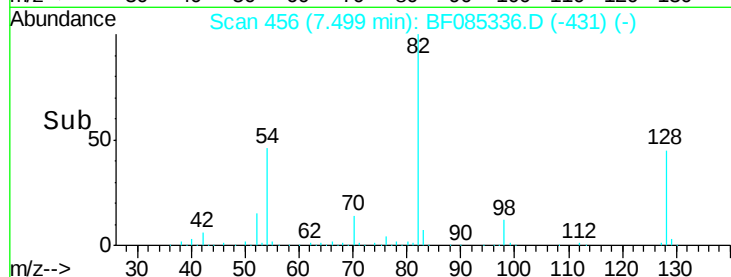
#23
 Nitrobenzene-d5
 Concen: 70.33 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

Tgt Ion: 82 Resp: 863124
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.5 51.7
 54 46.4 39.3 58.9

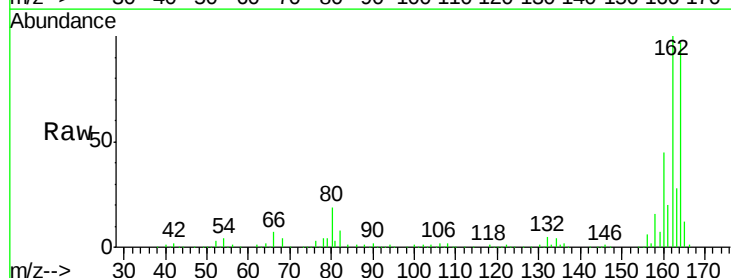


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

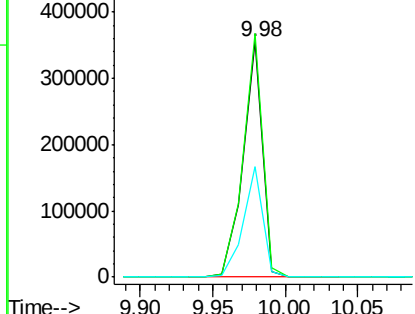
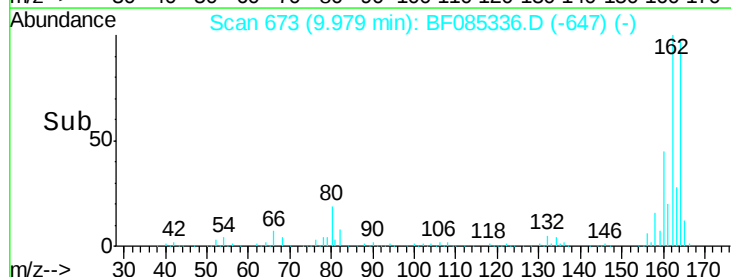


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion: 164 Resp: 329260
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.3 124.9
 160 46.8 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

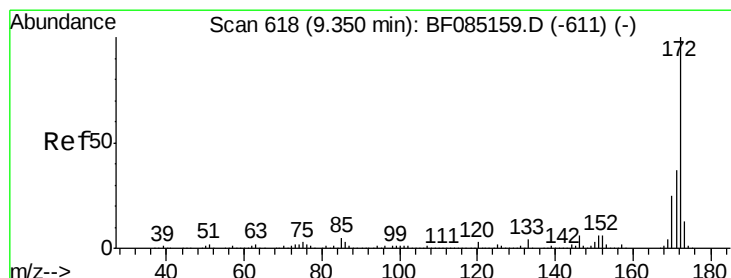
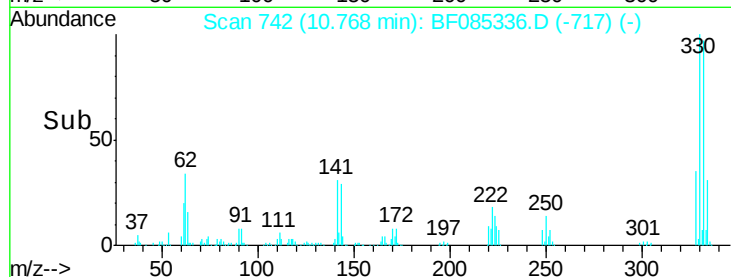
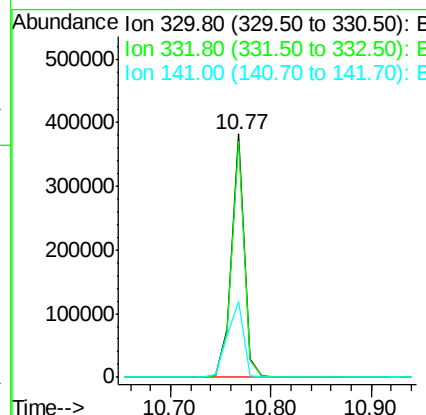
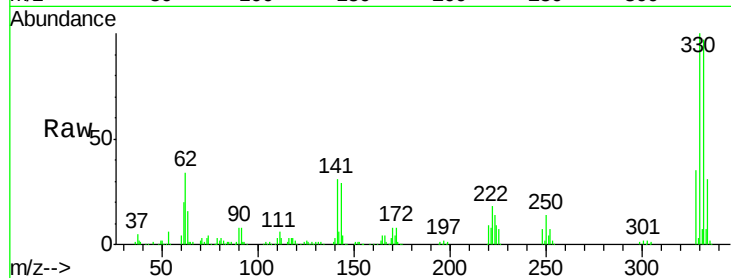




#41
 2,4,6-Tribromophenol
 Concen: 120.33 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

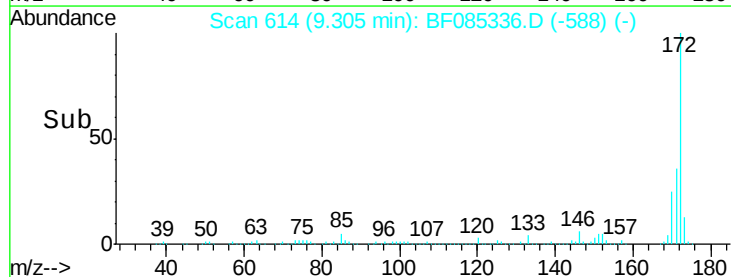
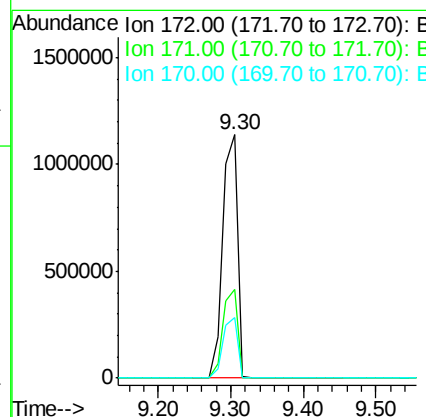
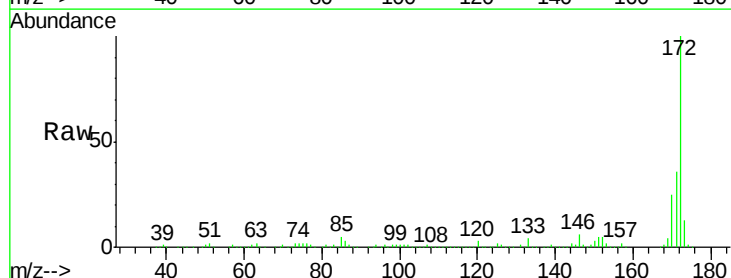
Instrument :
 BNA_F
 ClientSampleId :
 PB88804BL

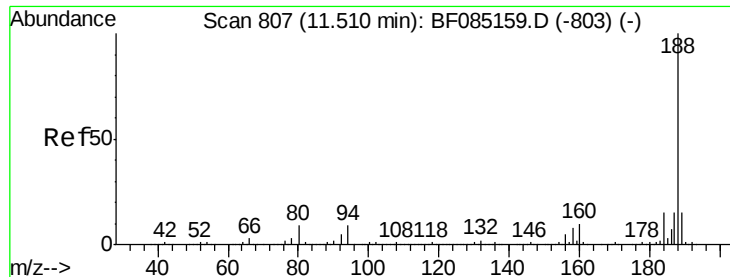
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	39.1	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 74.70 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085336.D
 Acq: 10 Mar 2016 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.7	20.0	30.0

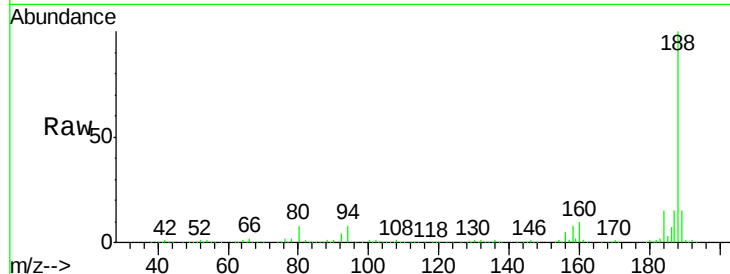




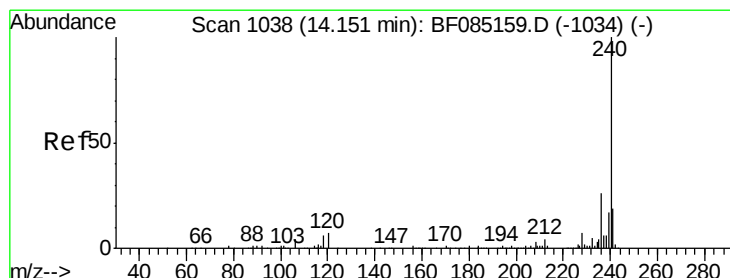
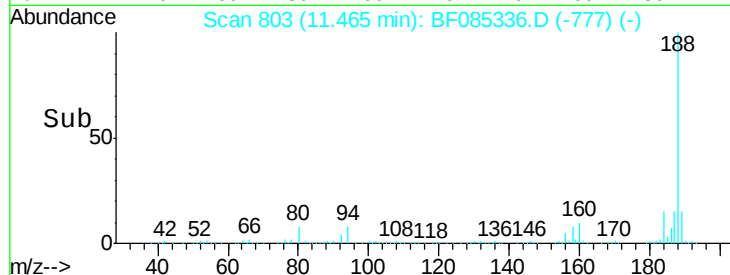
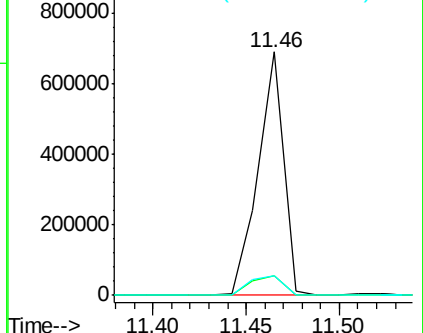
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Instrument :
BNA_F
ClientSampleId :
PB88804BL

Tgt Ion:188 Resp: 650582
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.0 7.4 11.0

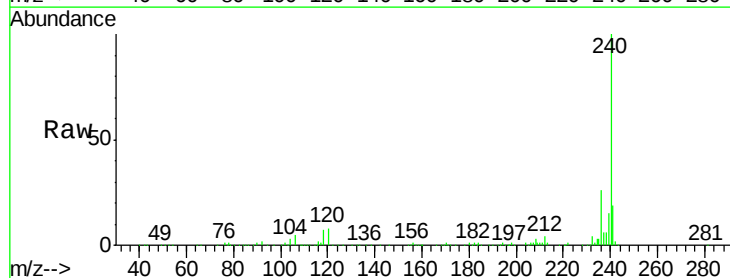


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

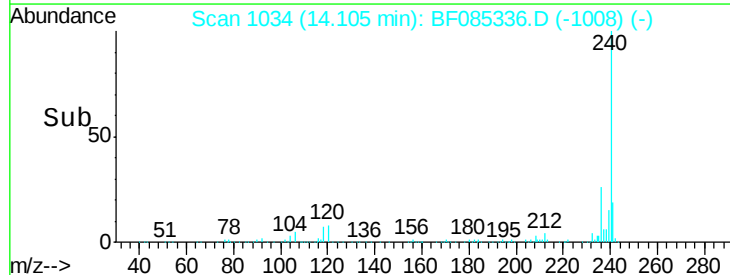
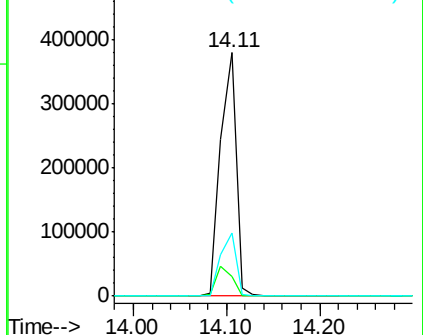


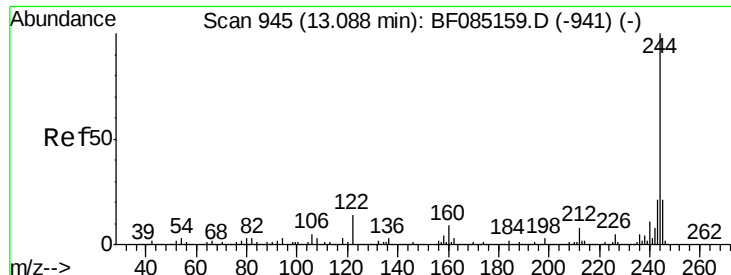
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085336.D
Acq: 10 Mar 2016 16:37

Tgt Ion:240 Resp: 445384
Ion Ratio Lower Upper
240 100
120 8.2 5.3 7.9#
236 25.9 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: 75.27 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Instrument :

BNA_F

ClientSampleId :

PB88804BL

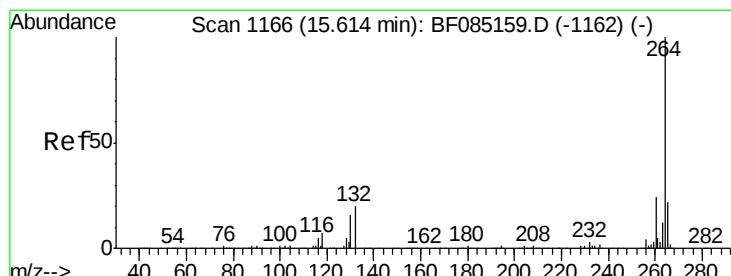
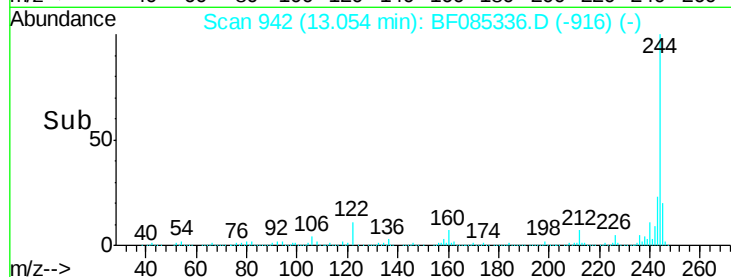
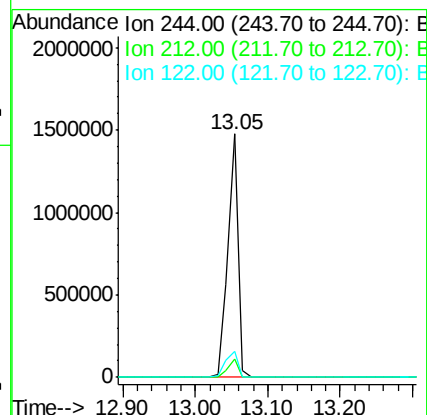
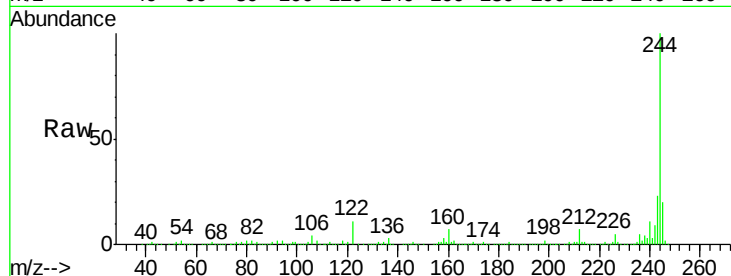
Tgt Ion:244 Resp: 1444070

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

122 10.7 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF085336.D

Acq: 10 Mar 2016 16:37

Tgt Ion:264 Resp: 318471

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 17.3 25.9

