

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085439.D
 Acq On : 14 Mar 2016 20:02
 Operator : UM/SJ
 Sample : PB88851TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Quant Time: Mar 15 03:35:17 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	6.93	152	158071	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	655840	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	310503	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	573023	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	304231	20.00	ng	-0.07
86) Perylene-d12	15.55	264	266680	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1285722	136.44	ng	-0.05
7) Phenol-d6	6.56	99	1754679	142.12	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1005383	82.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	381819	143.71	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1727262	84.60	ng	-0.07
78) Terphenyl-d14	13.04	244	1618010	123.46	ng	-0.05

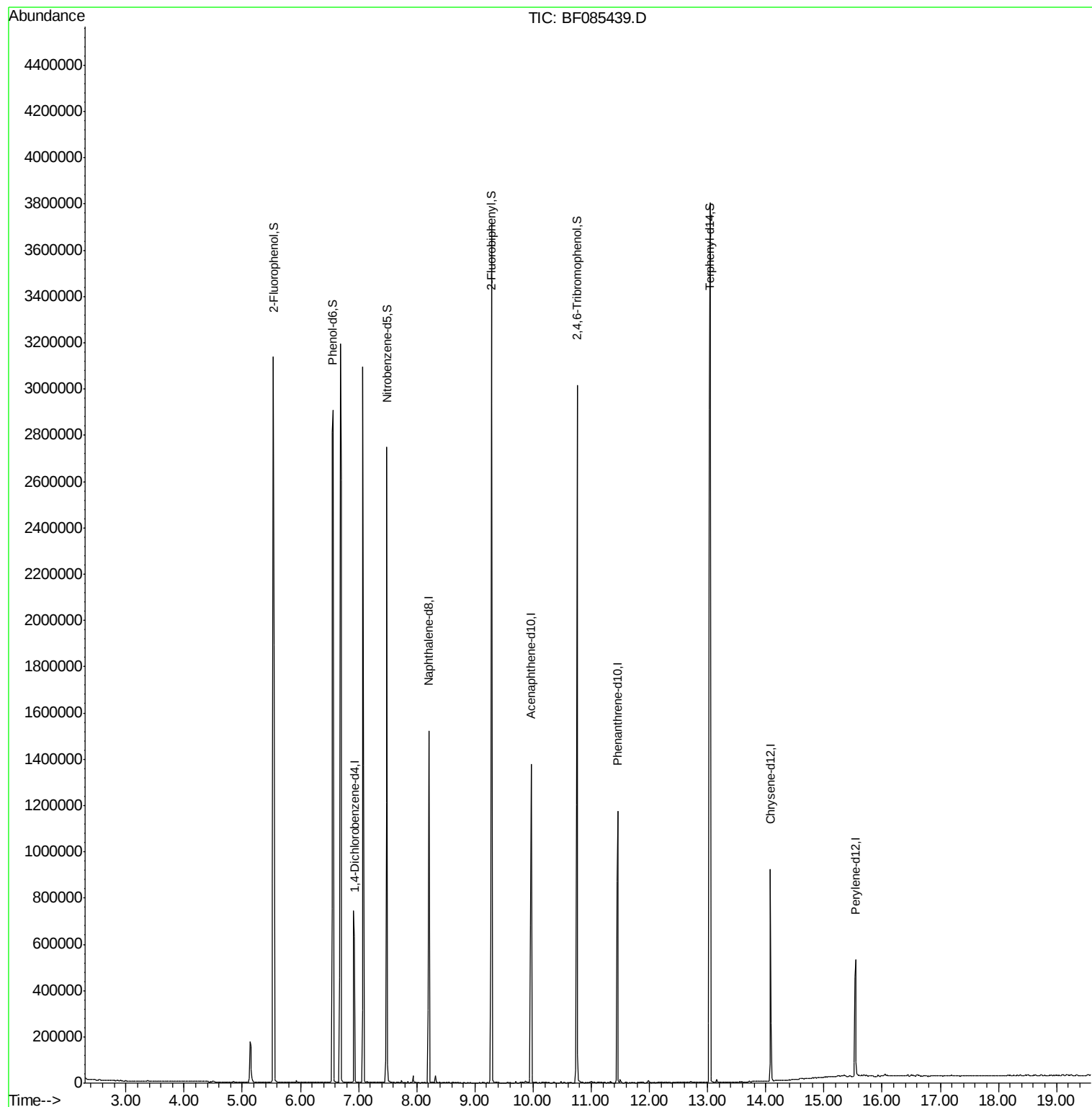
Target Compounds	Qvalue
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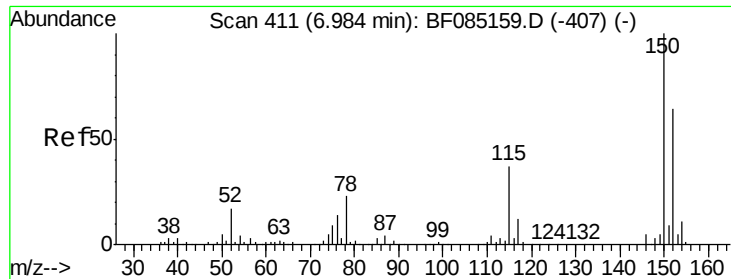
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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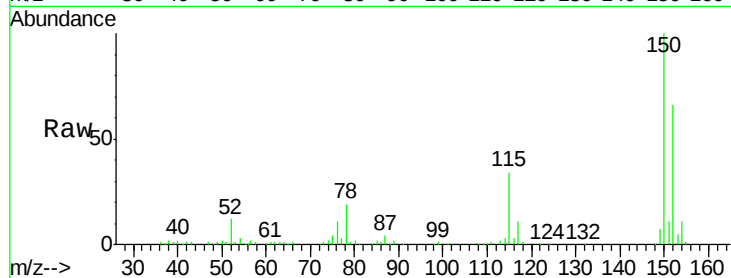




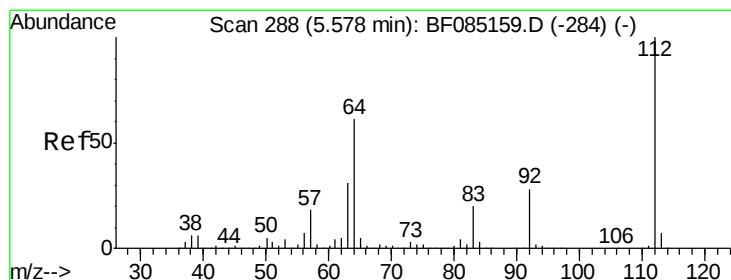
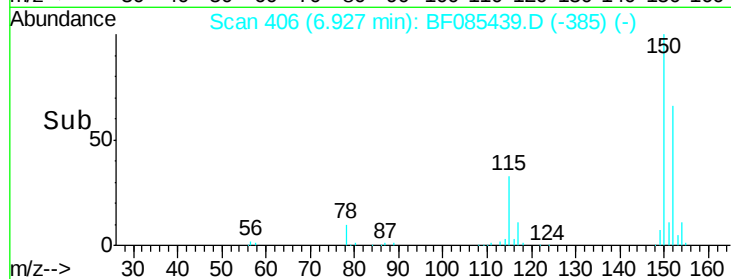
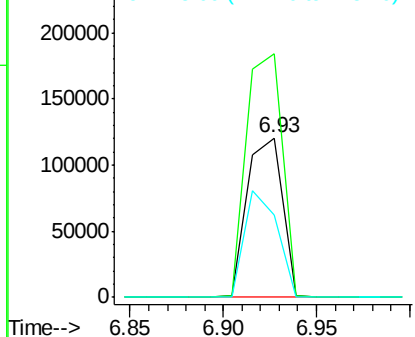
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Tgt Ion:152 Resp: 158071
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.6 186.8
 115 51.7 46.6 70.0

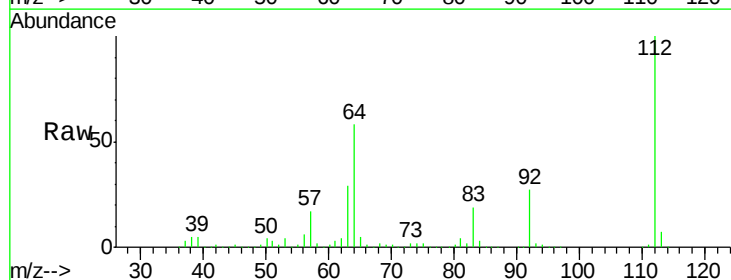


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

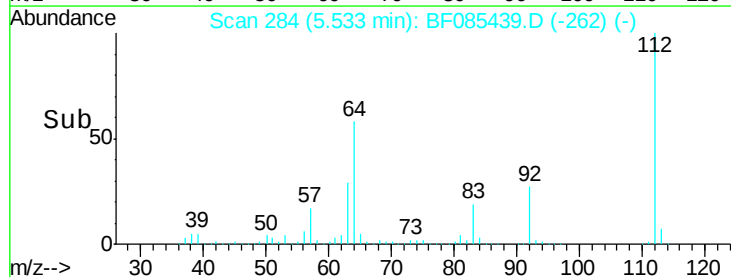
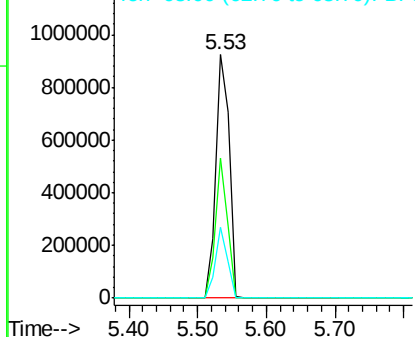


#5
 2-Fluorophenol
 Concen: 136.44 ng
 RT: 5.53 min Scan# 284
 Delta R.T. -0.05 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion:112 Resp: 1285722
 Ion Ratio Lower Upper
 112 100
 64 57.5 49.0 73.4
 63 29.3 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: 142.12 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Instrument :

BNA_F

ClientSampleId :

PB88851TB

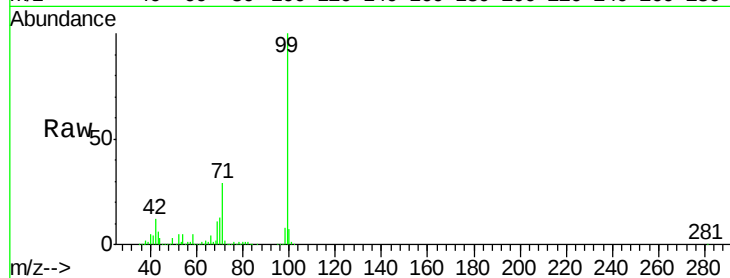
Tgt Ion: 99 Resp: 1754679

Ion Ratio Lower Upper

99 100

42 12.0 13.6 20.4#

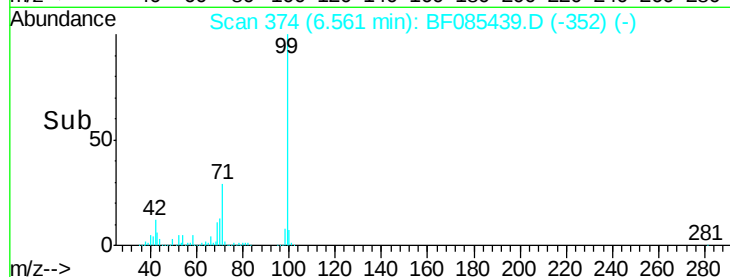
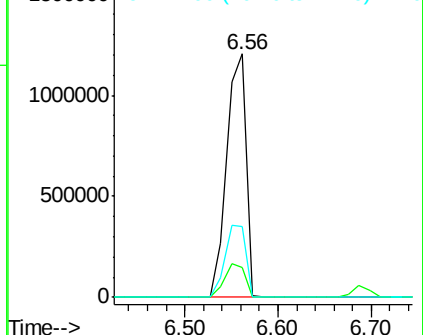
71 29.0 26.7 40.1



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: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Tgt Ion: 136 Resp: 655840

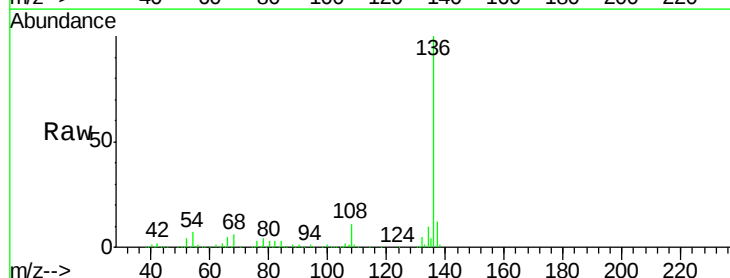
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.2 7.4 11.2#

68 5.8 6.0 9.0#

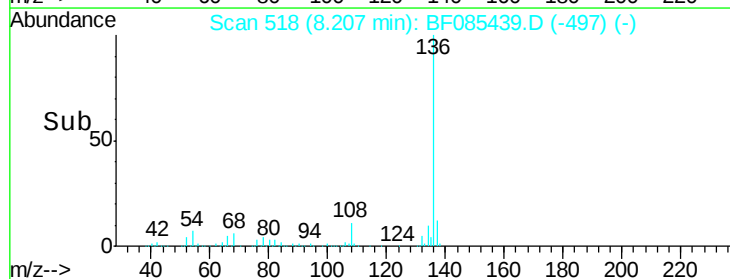
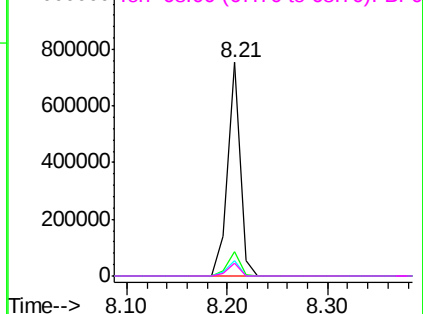


Abundance Ion 136.00 (135.70 to 136.70): E

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

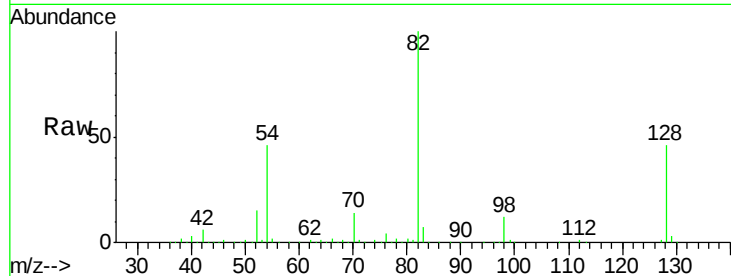




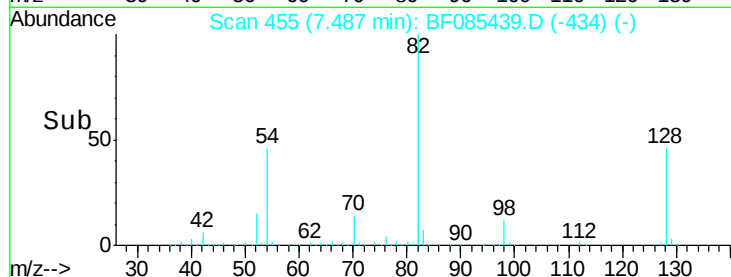
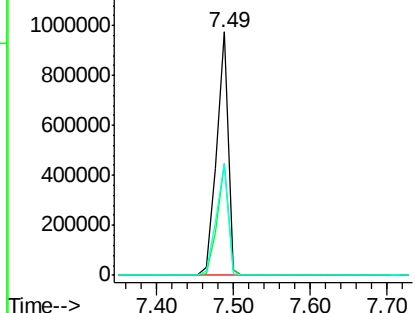
#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Tgt Ion: 82 Resp: 1005383
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.5 51.7
 54 45.7 39.3 58.9

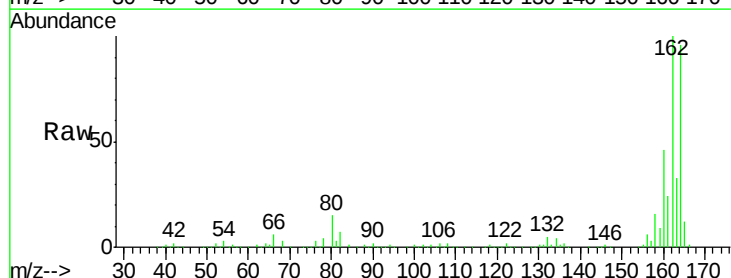


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

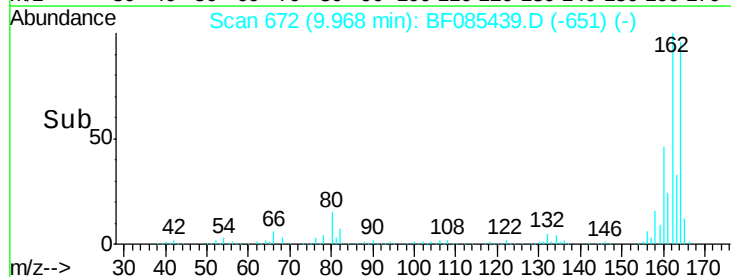
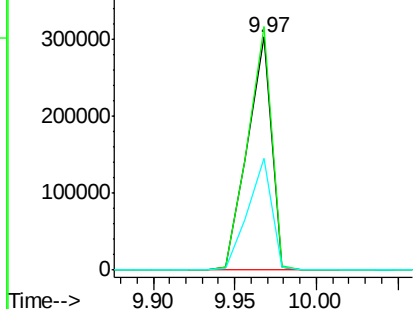


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion: 164 Resp: 310503
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.3 124.9
 160 48.2 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

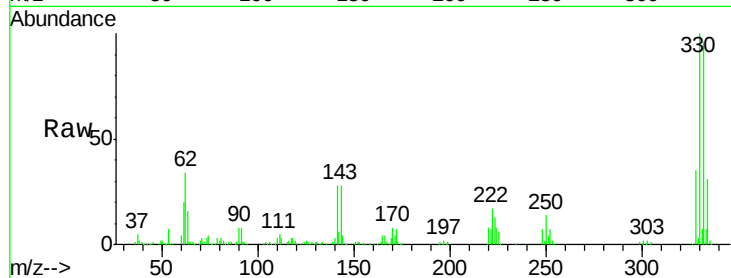




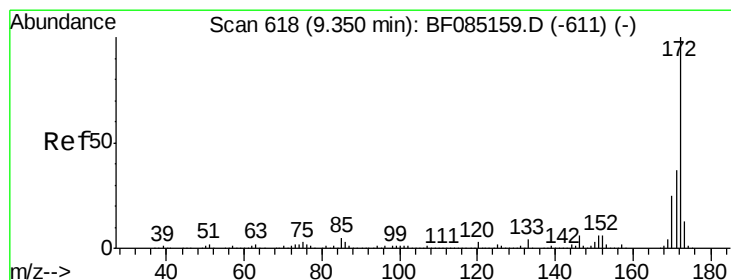
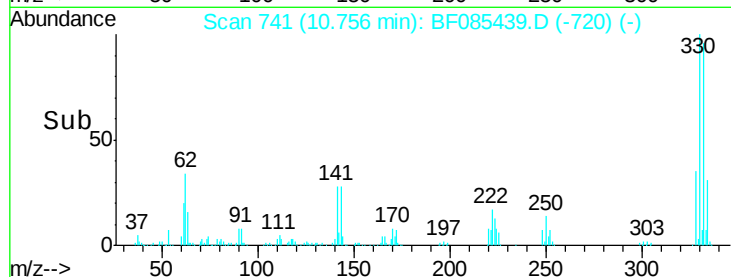
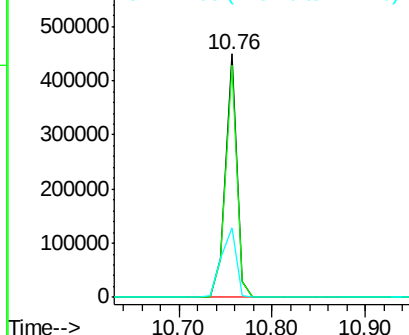
#41
 2,4,6-Tribromophenol
 Concen: 143.71 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Tgt Ion:330 Resp: 381819
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 37.2 35.0 52.6

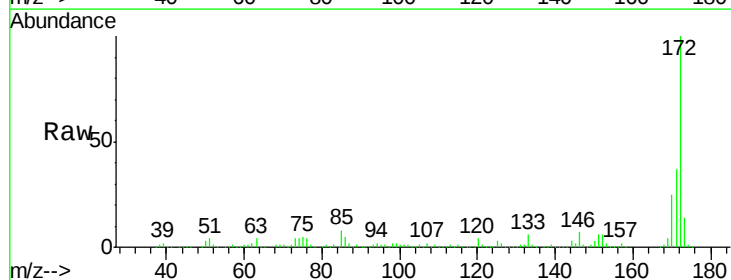


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

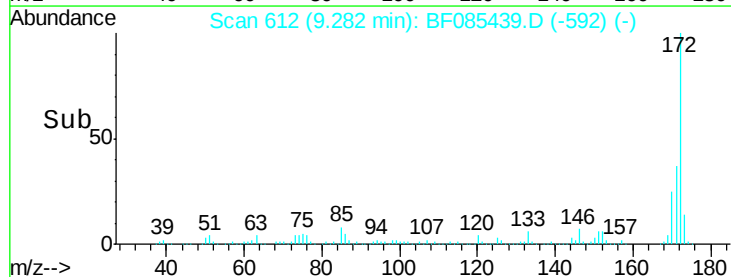
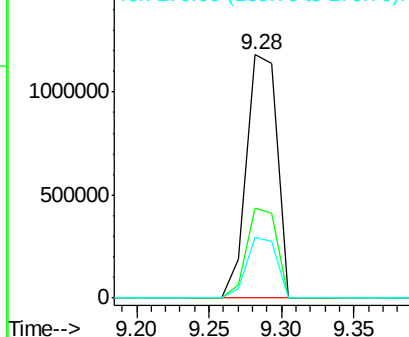


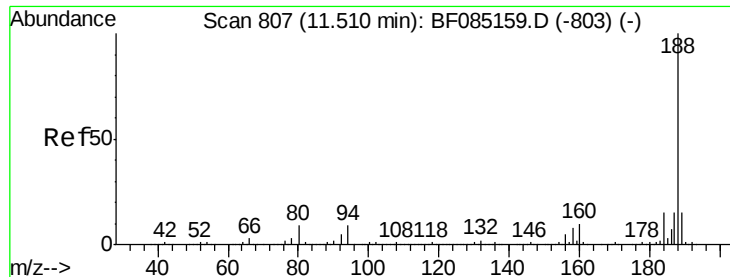
#44
 2-Fluorobiphenyl
 Concen: 84.60 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion:172 Resp: 1727262
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 25.1 20.0 30.0



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

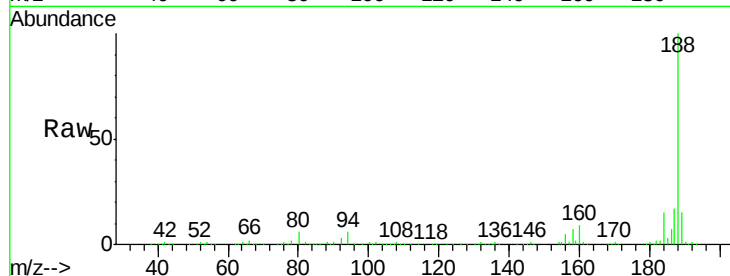




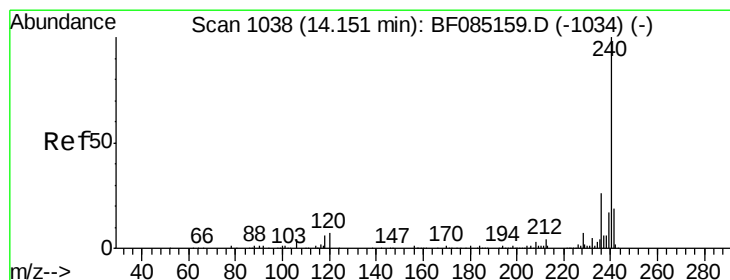
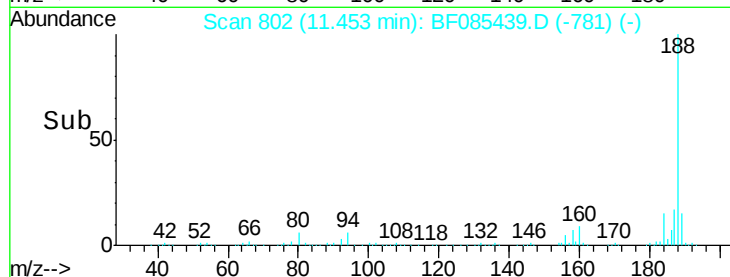
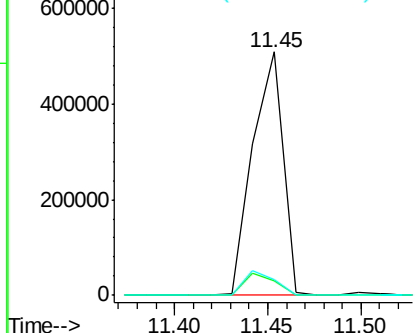
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085439.D
Acq: 14 Mar 2016 20:02

Instrument :
BNA_F
ClientSampleId :
PB88851TB

Tgt Ion:188 Resp: 573023
Ion Ratio Lower Upper
188 100
94 6.2 7.0 10.6#
80 6.3 7.4 11.0#

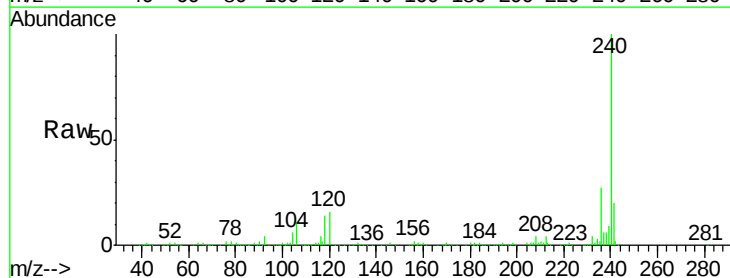


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

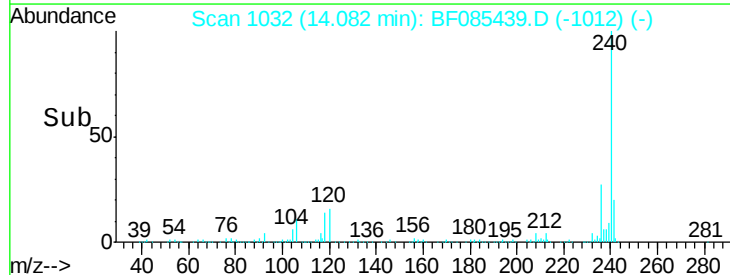
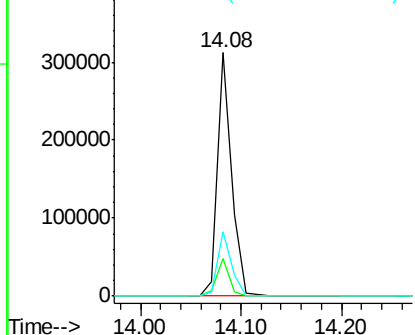


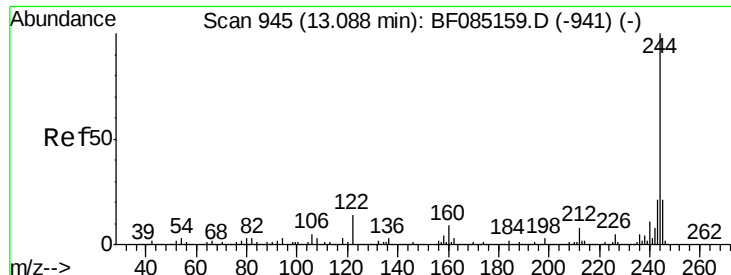
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF085439.D
Acq: 14 Mar 2016 20:02

Tgt Ion:240 Resp: 304231
Ion Ratio Lower Upper
240 100
120 15.6 5.3 7.9#
236 26.6 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

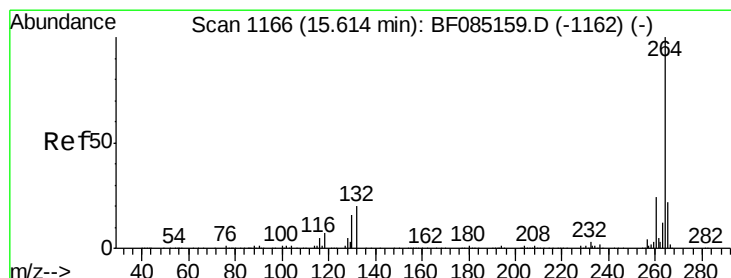
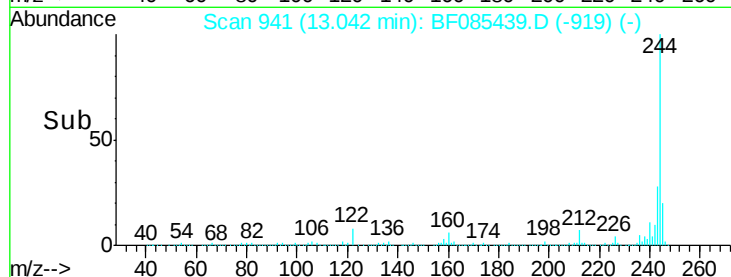
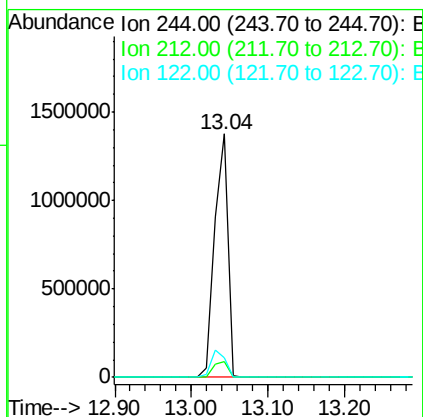
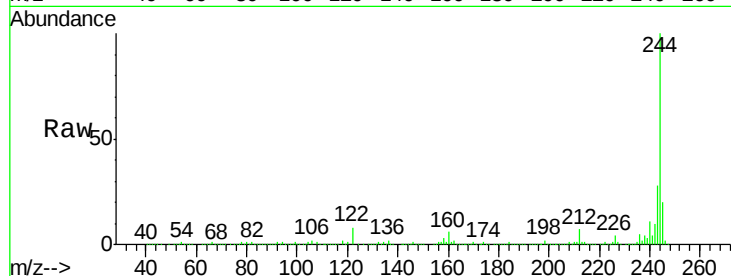




#78
 Terphenyl-d14
 Concen: 123.46 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Tgt Ion:244 Resp: 1618010
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.4 9.6
 122 8.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion:264 Resp: 266680
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.3 25.9

