

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085550.D
 Acq On : 19 Mar 2016 3:21
 Operator : UM/SJ
 Sample : PB88981BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BL

Quant Time: Mar 19 04:02:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129598	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	550851	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	240866	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	488565	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	401237	20.00	ng	-0.01
86) Perylene-d12	15.43	264	355329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	655538	84.96	ng	0.00
7) Phenol-d6	6.48	99	799622	80.80	ng	-0.01
23) Nitrobenzene-d5	7.42	82	759141	79.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	183598	77.81	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1141893	79.58	ng	-0.01
78) Terphenyl-d14	12.96	244	1283430	76.97	ng	0.00

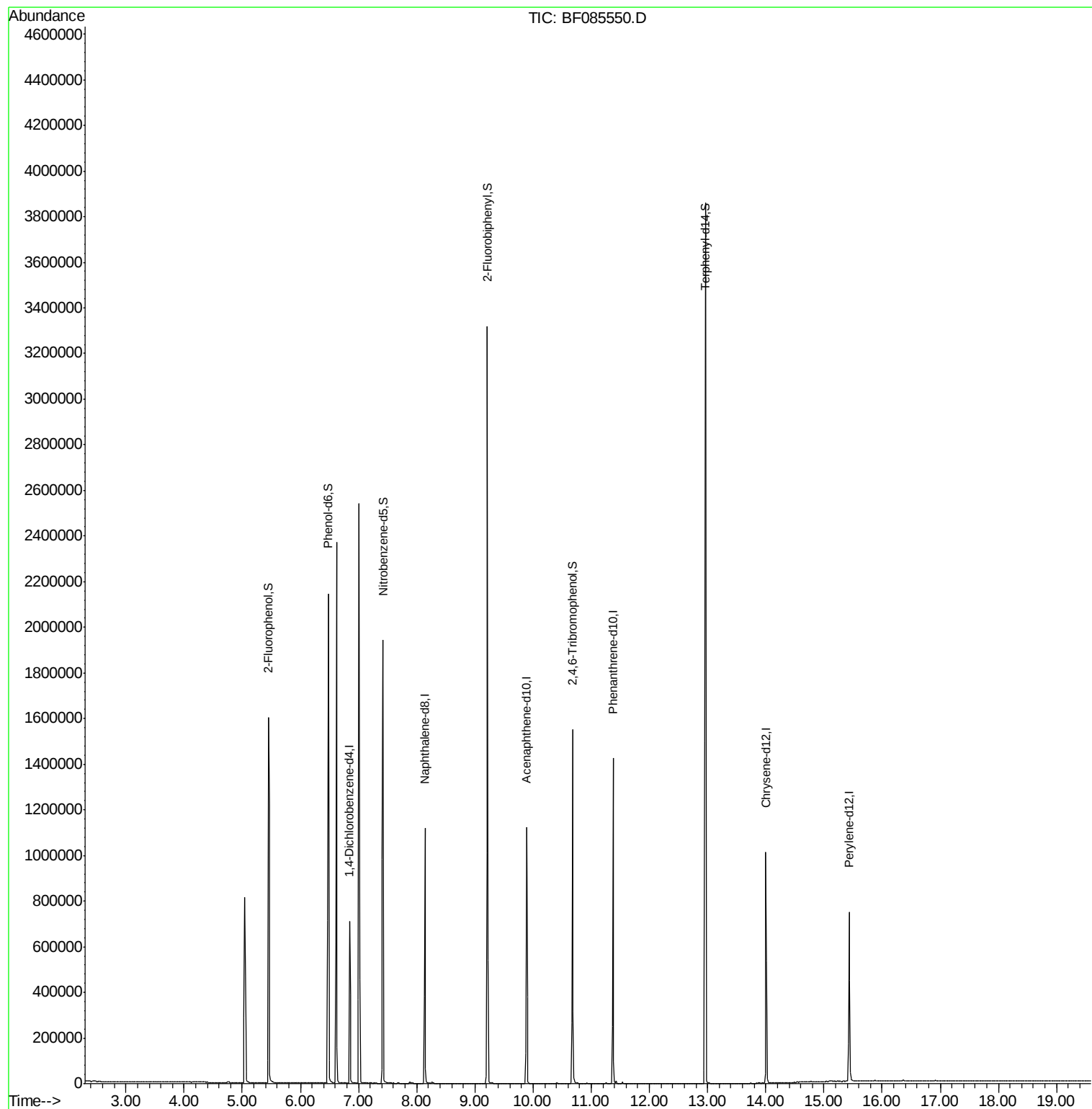
Target Compounds	Qvalue
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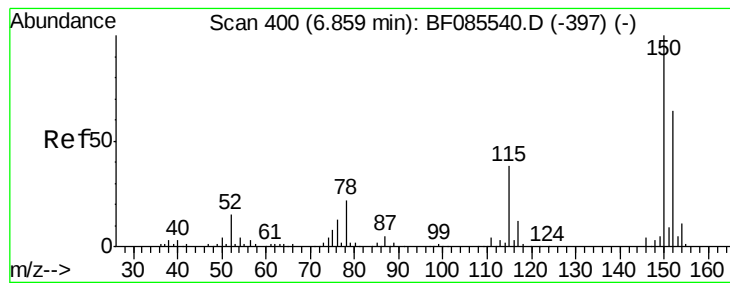
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

Instrument :

BNA_F

ClientSampled :

PB88981BL

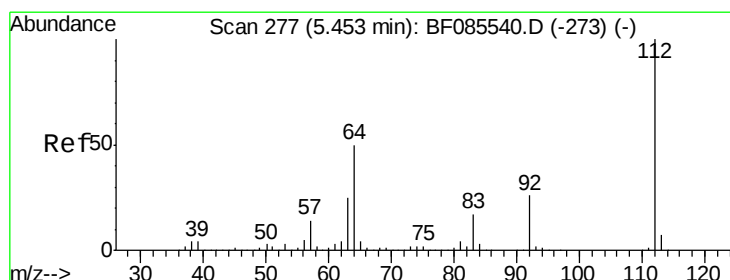
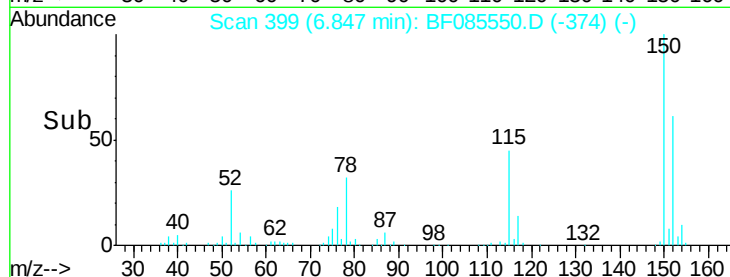
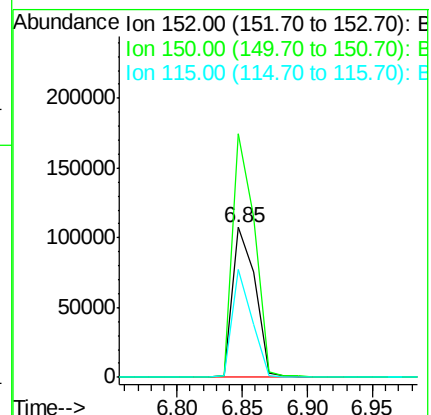
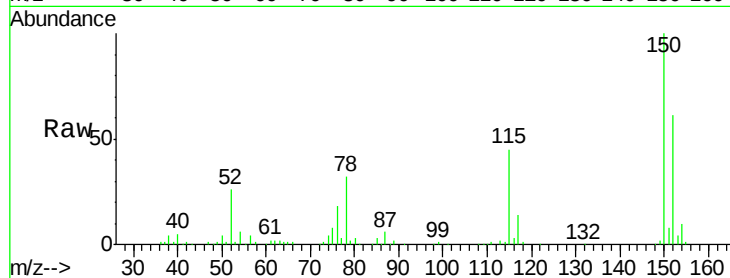
Tgt Ion:152 Resp: 129598

Ion Ratio Lower Upper

152 100

150 162.7 124.2 186.2

115 72.5 47.0 70.6#



#5

2-Fluorophenol

Concen: 84.96 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

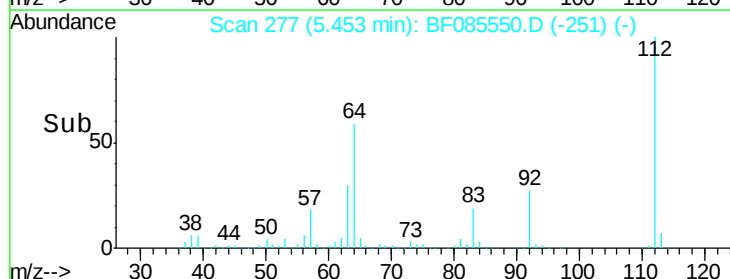
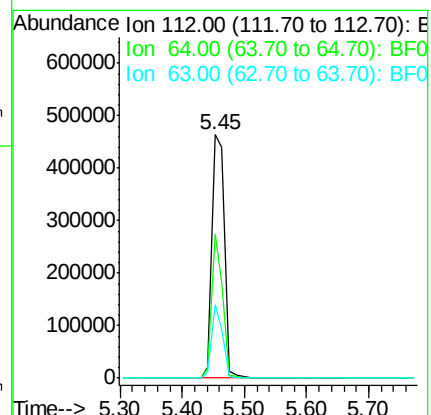
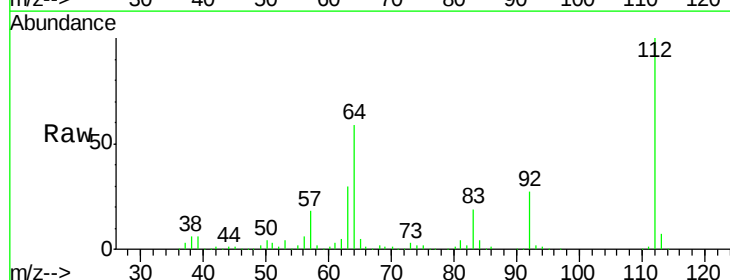
Tgt Ion:112 Resp: 655538

Ion Ratio Lower Upper

112 100

64 59.1 39.9 59.9

63 30.0 20.2 30.2





#7

Phenol-d6

Concen: 80.80 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

Instrument :

BNA_F

ClientSampled :

PB88981BL

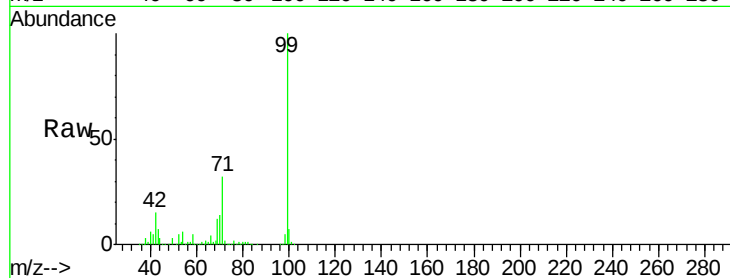
Tgt Ion: 99 Resp: 799622

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

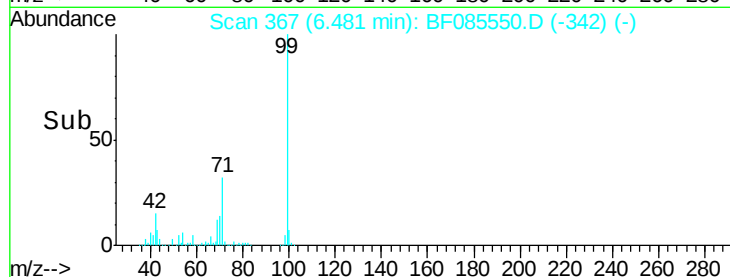
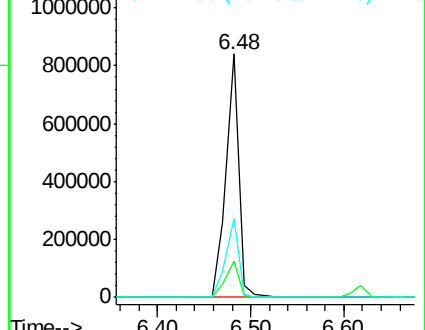
71 32.4 24.9 37.3



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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

Tgt Ion: 136 Resp: 550851

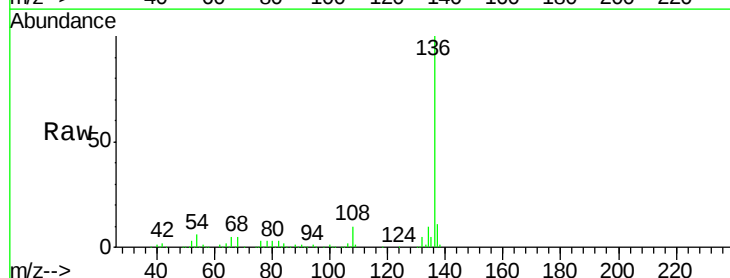
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 7.4 11.0#

68 5.4 5.8 8.8#

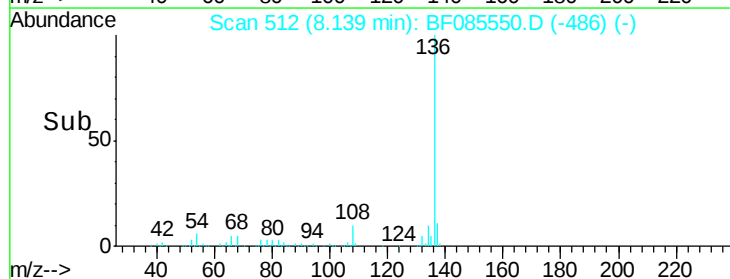
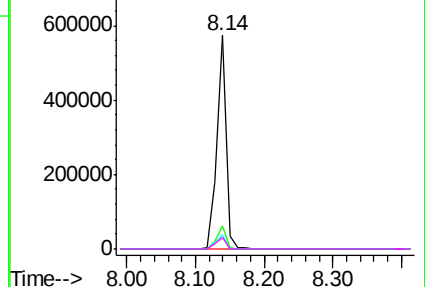


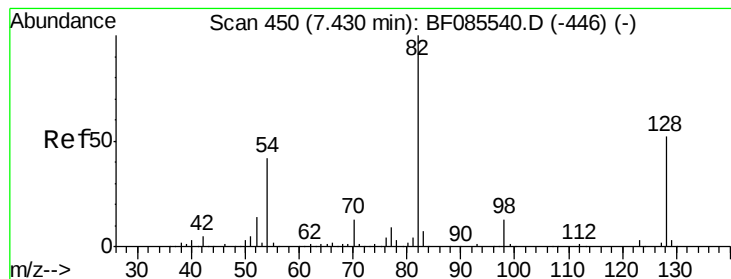
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.99 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB88981BL

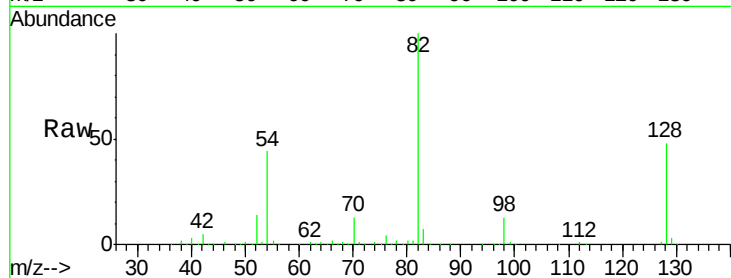
Tgt Ion: 82 Resp: 759141

Ion Ratio Lower Upper

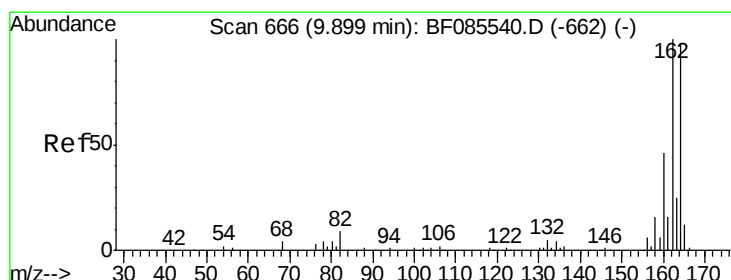
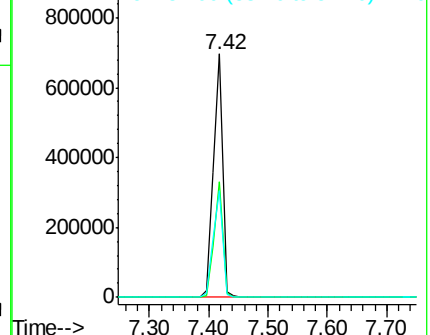
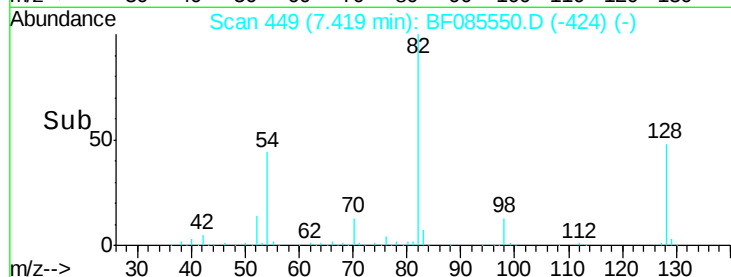
82 100

128 47.6 41.8 62.8

54 43.6 33.4 50.0



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: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085550.D

Acq: 19 Mar 2016 3:21

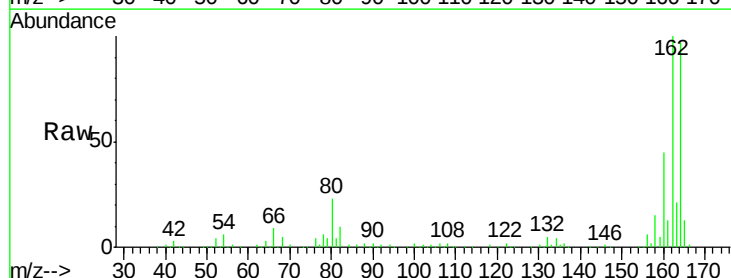
Tgt Ion: 164 Resp: 240866

Ion Ratio Lower Upper

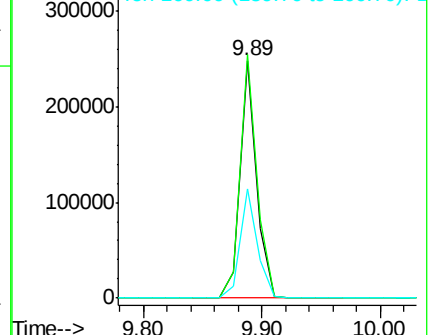
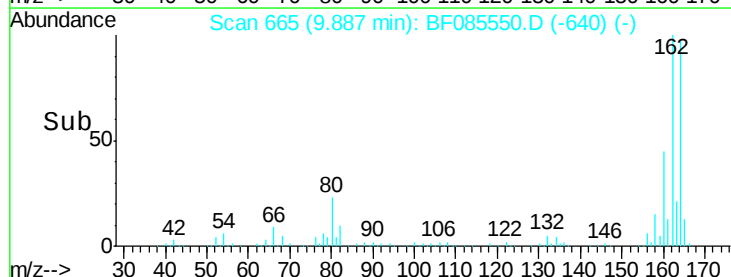
164 100

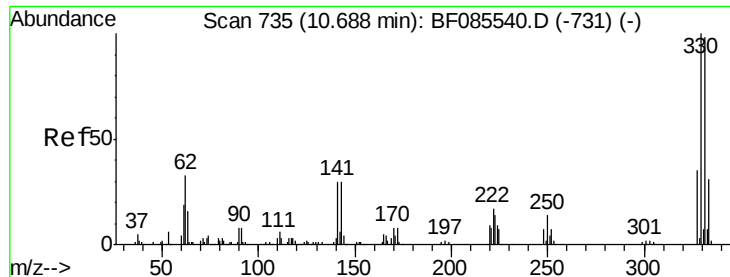
162 102.6 82.1 123.1

160 46.2 37.4 56.2



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

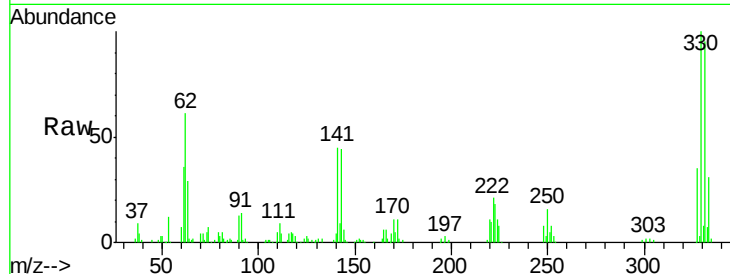




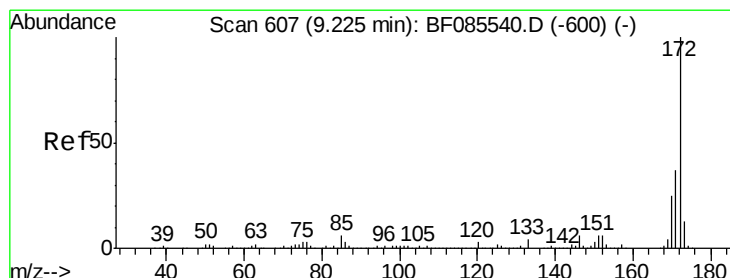
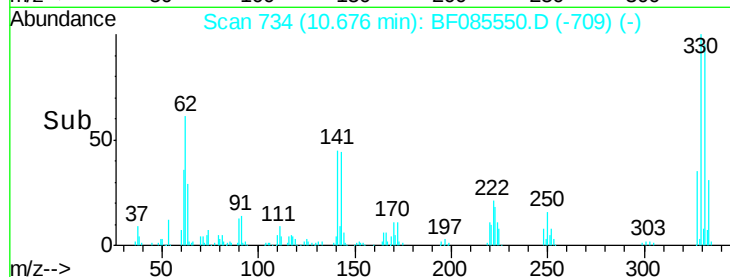
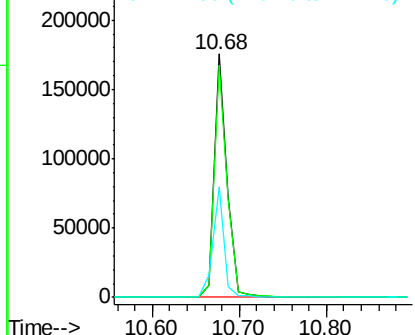
#41
 2,4,6-Tribromophenol
 Concen: 77.81 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085550.D
 Acq: 19 Mar 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BL

Tgt Ion:330 Resp: 183598
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 40.1 31.5 47.3

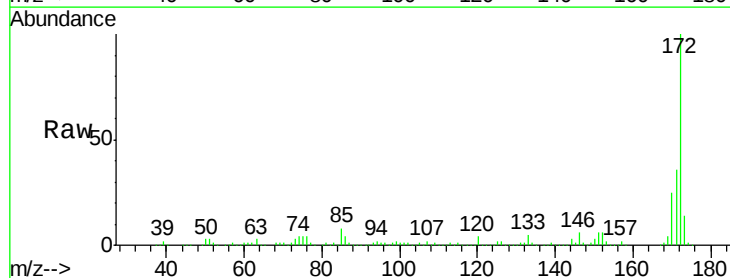


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

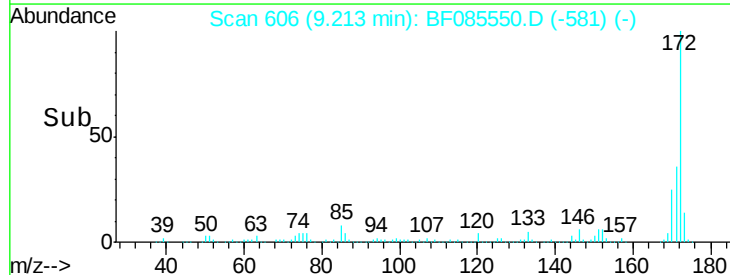
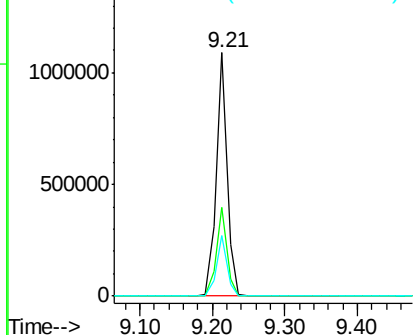


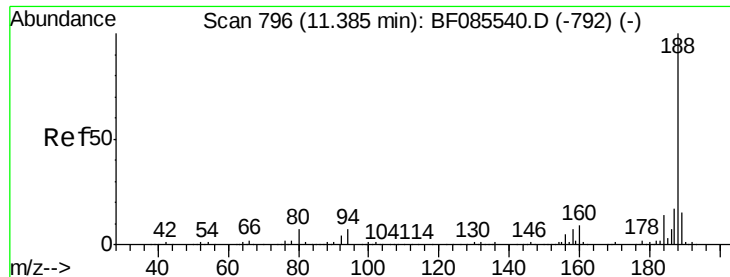
#44
 2-Fluorobiphenyl
 Concen: 79.58 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085550.D
 Acq: 19 Mar 2016 3:21

Tgt Ion:172 Resp: 1141893
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 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

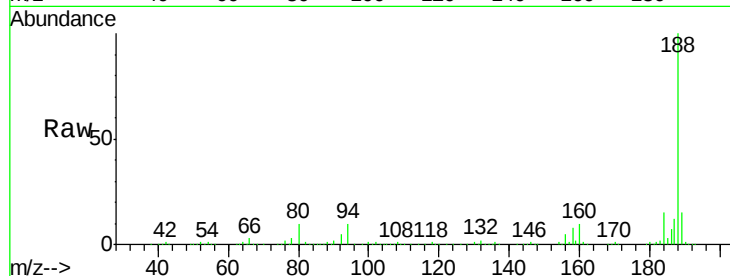




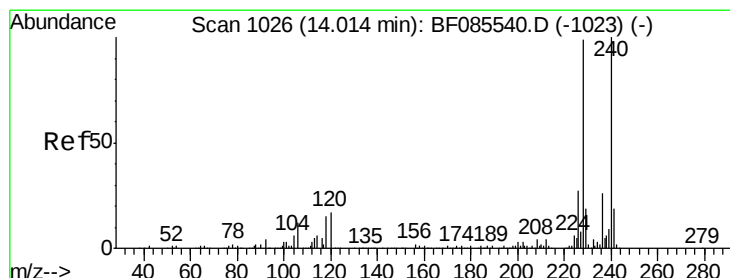
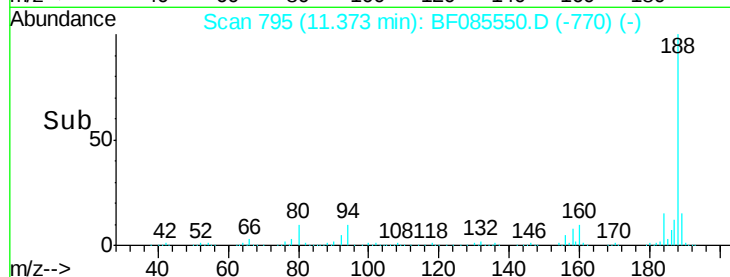
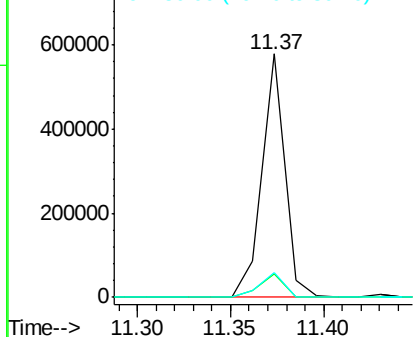
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085550.D
Acq: 19 Mar 2016 3:21

Instrument :
BNA_F
ClientSampleId :
PB88981BL

Tgt Ion:188 Resp: 488565
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.3 5.5 8.3#

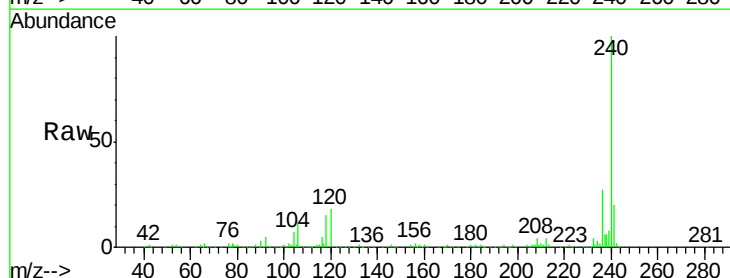


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

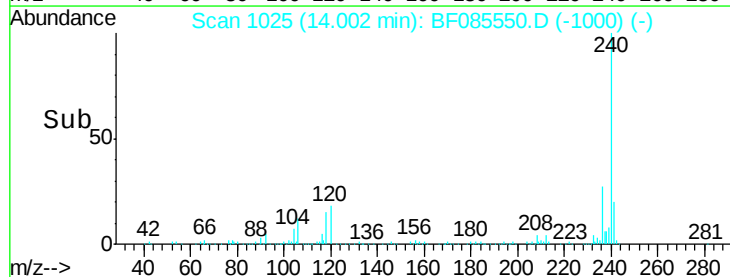
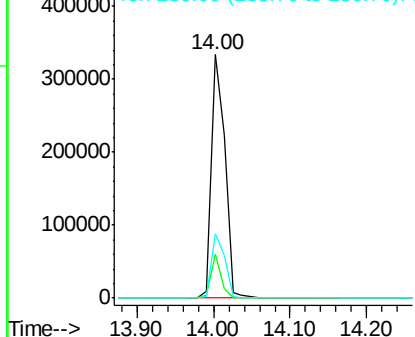


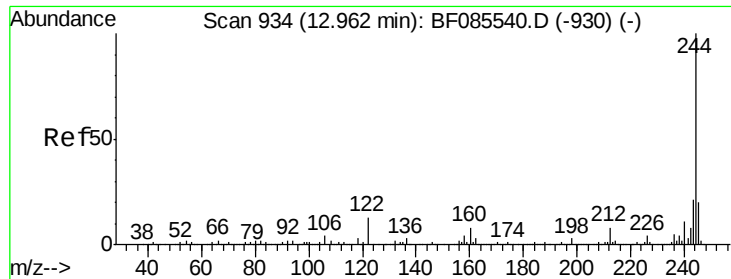
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085550.D
Acq: 19 Mar 2016 3:21

Tgt Ion:240 Resp: 401237
Ion Ratio Lower Upper
240 100
120 18.0 13.8 20.8
236 26.7 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

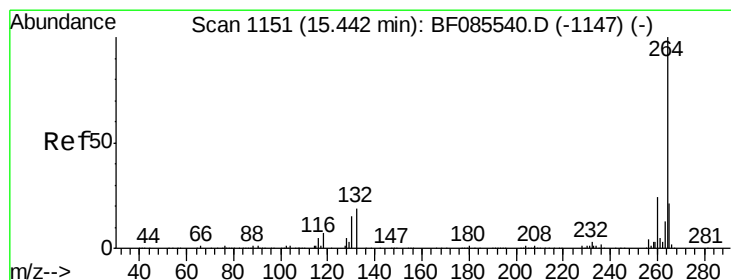
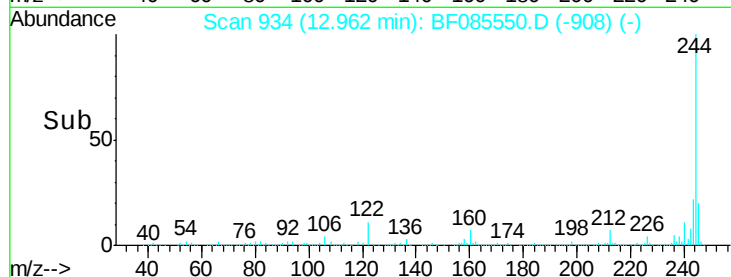
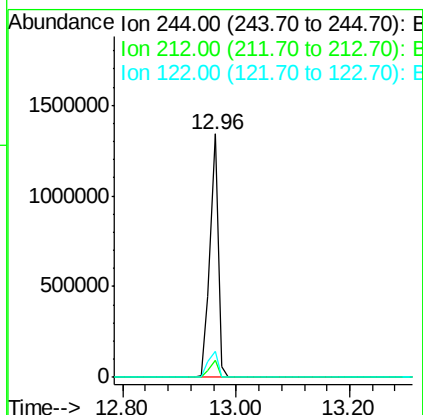
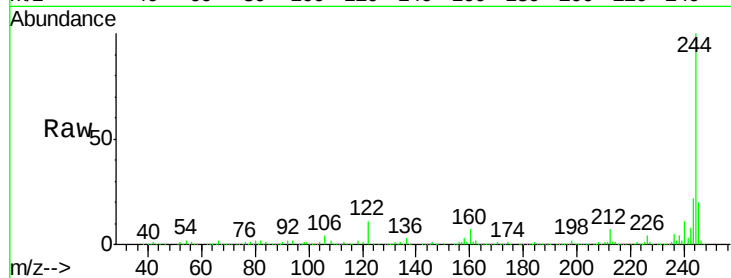




#78
 Terphenyl-d14
 Concen: 76.97 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085550.D
 Acq: 19 Mar 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BL

Tgt Ion:244 Resp: 1283430
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085550.D
 Acq: 19 Mar 2016 3:21

Tgt Ion:264 Resp: 355329
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.5 17.2 25.8

