

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085553.D
 Acq On : 19 Mar 2016 4:45
 Operator : UM/SJ
 Sample : PB89025BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Quant Time: Mar 19 06:30:04 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	126657	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532771	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	228494	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	471887	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	384540	20.00	ng	-0.01
86) Perylene-d12	15.43	264	320956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	932435	123.65	ng	0.01
7) Phenol-d6	6.48	99	1041569	107.70	ng	-0.01
23) Nitrobenzene-d5	7.42	82	737304	80.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	274434	122.61	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1123779	83.53	ng	-0.01
78) Terphenyl-d14	12.96	244	1267821	79.34	ng	0.00

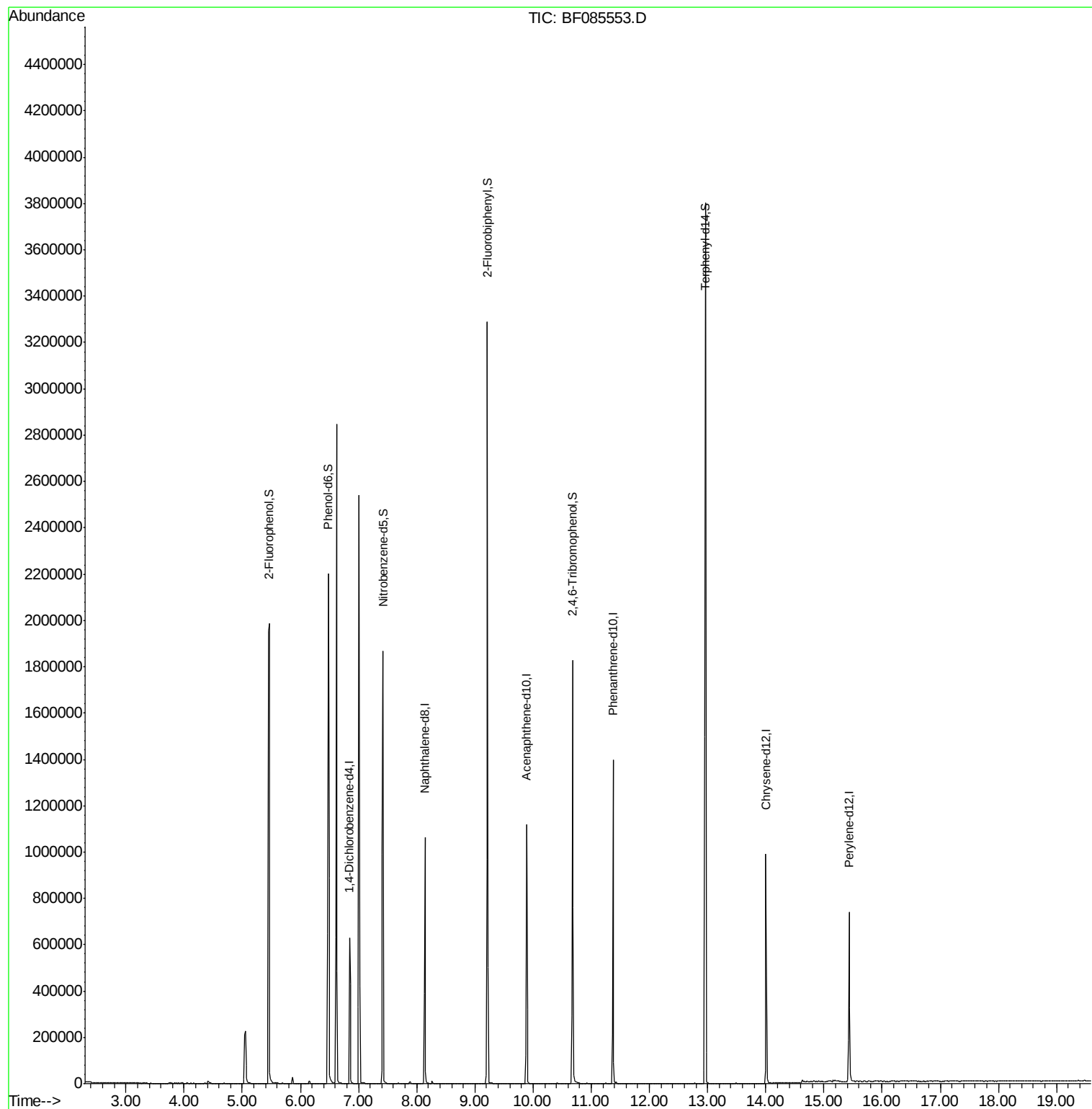
Target Compounds	Qvalue
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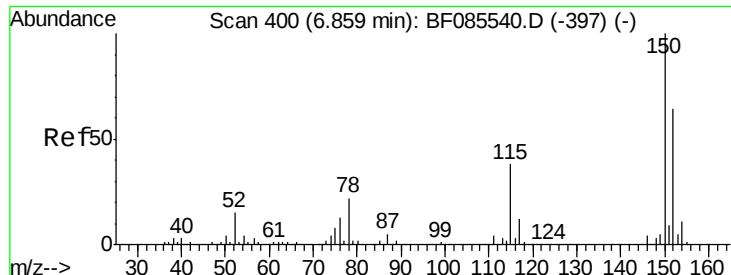
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

PB89025BL

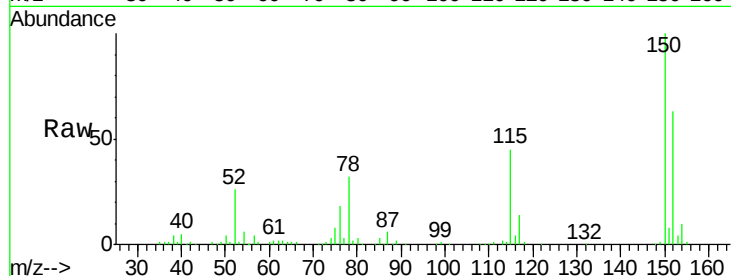
Tgt Ion:152 Resp: 126657

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

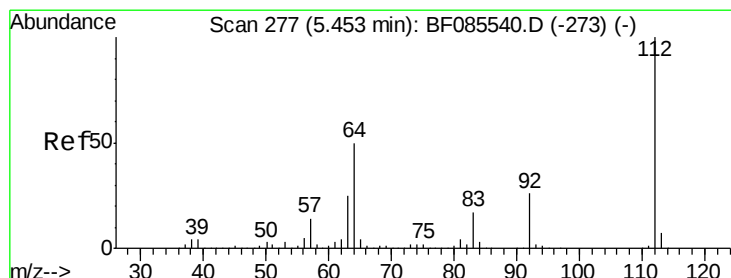
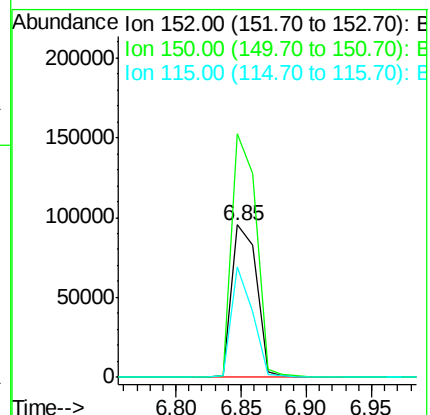
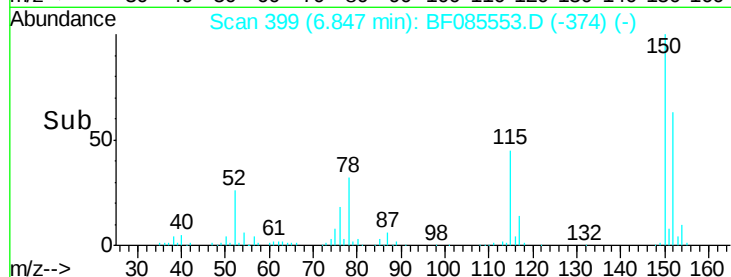
115 72.2 47.0 70.6#



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: 123.65 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

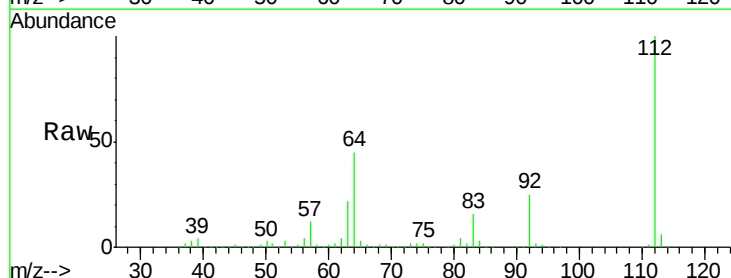
Tgt Ion:112 Resp: 932435

Ion Ratio Lower Upper

112 100

64 44.7 39.9 59.9

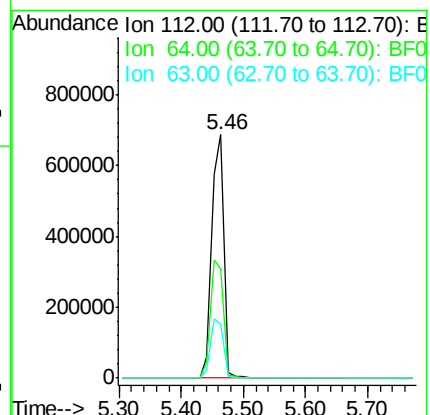
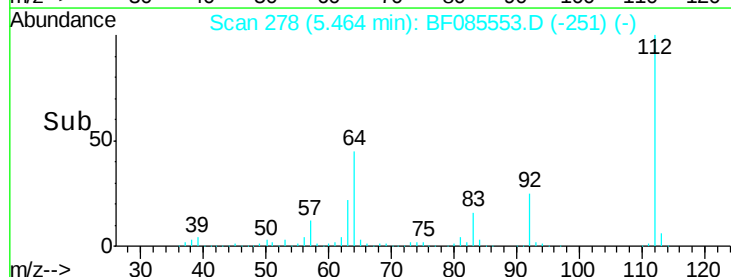
63 22.4 20.2 30.2

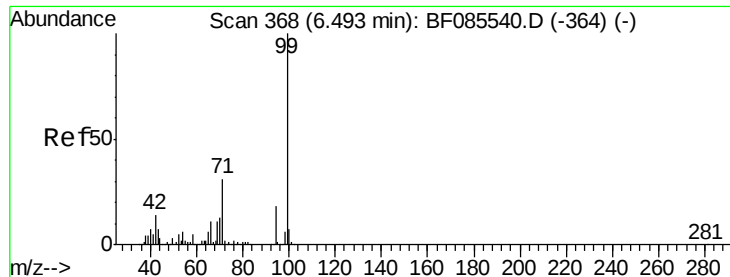


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.70 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampled :

PB89025BL

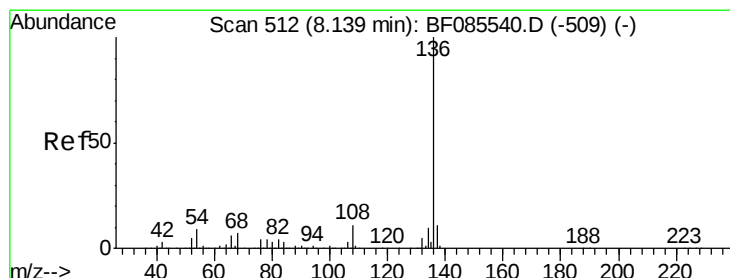
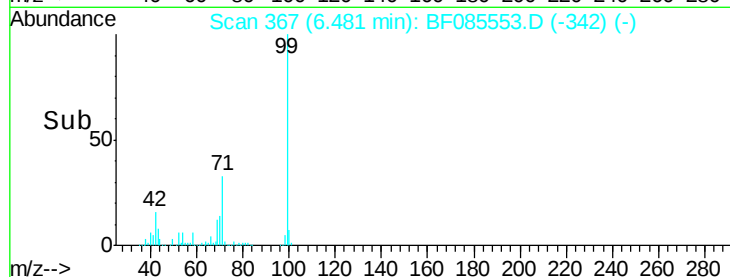
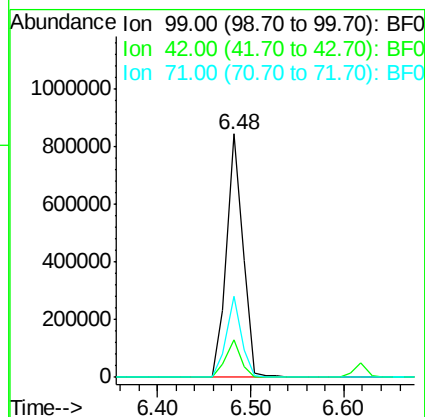
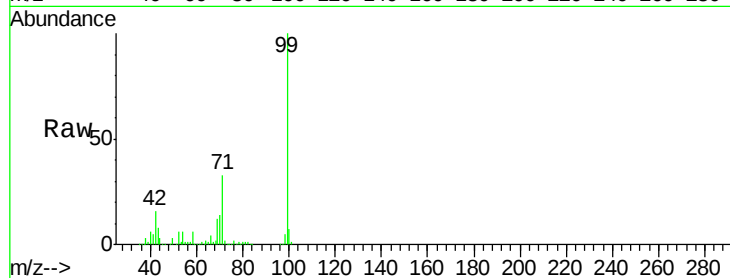
Tgt Ion: 99 Resp: 1041569

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 33.2 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Tgt Ion: 136 Resp: 532771

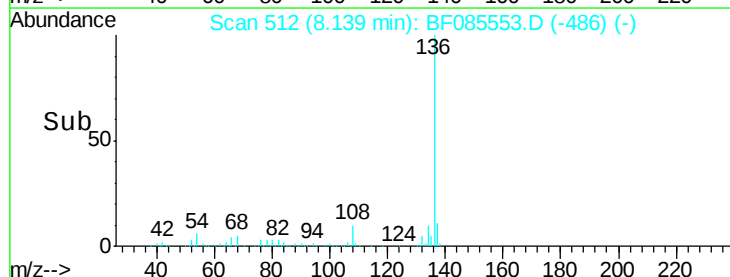
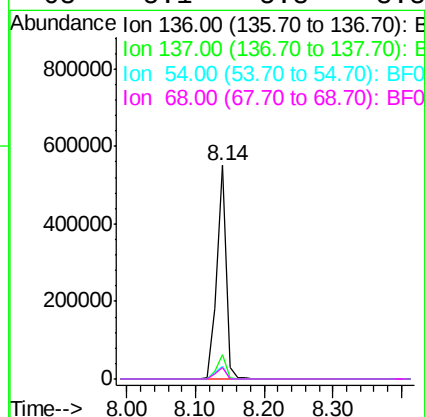
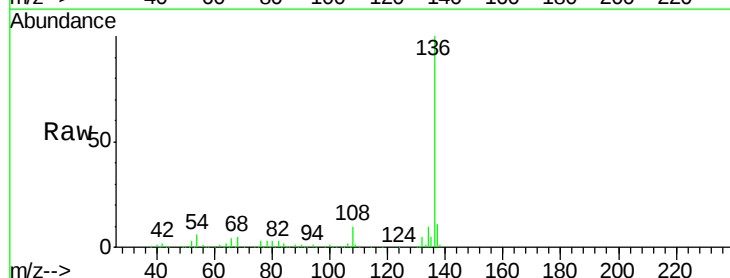
Ion Ratio Lower Upper

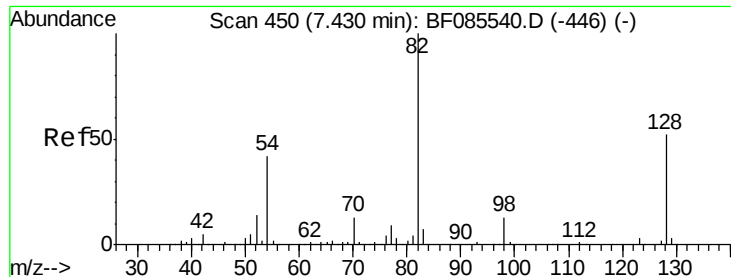
136 100

137 11.2 9.1 13.7

54 6.0 7.4 11.0#

68 5.1 5.8 8.8#

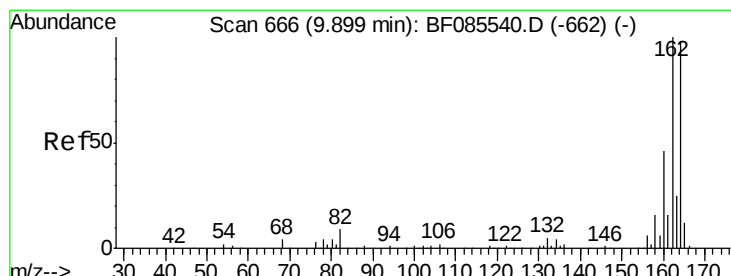
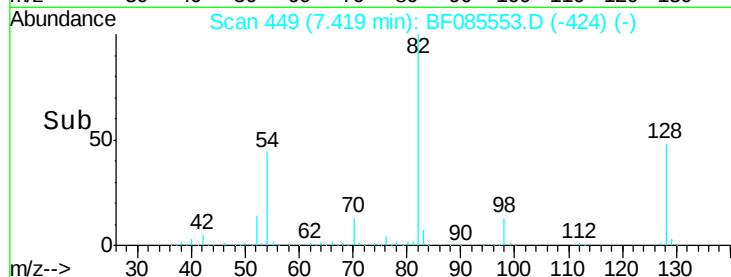
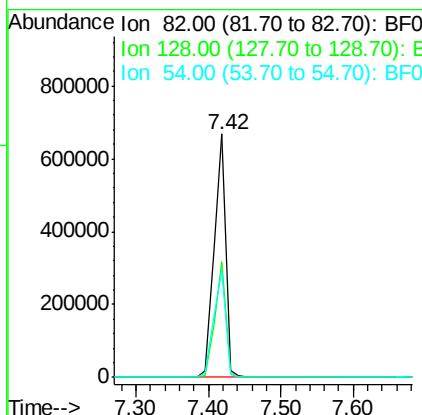
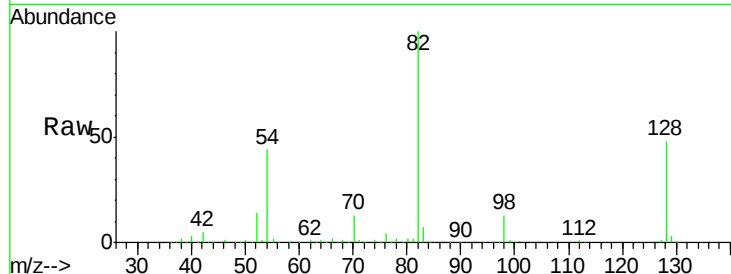




#23
 Nitrobenzene-d5
 Concen: 80.33 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

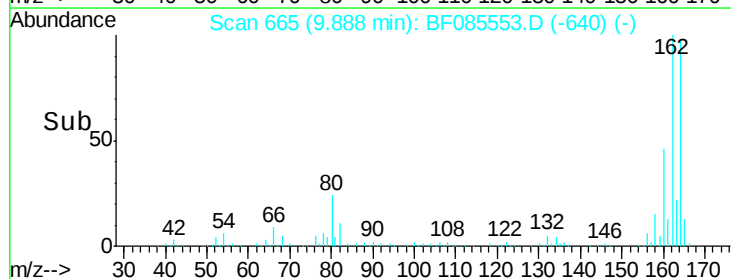
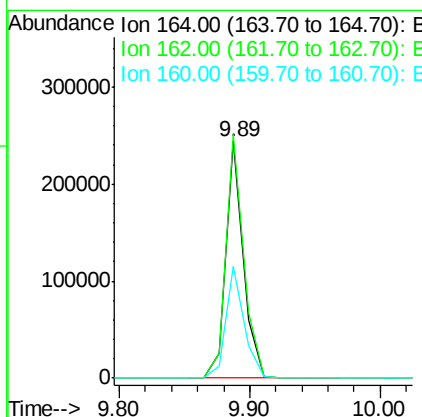
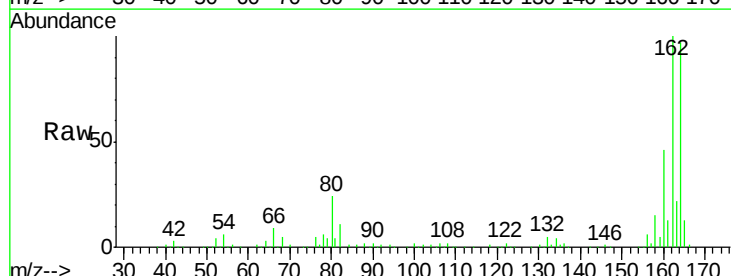
Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

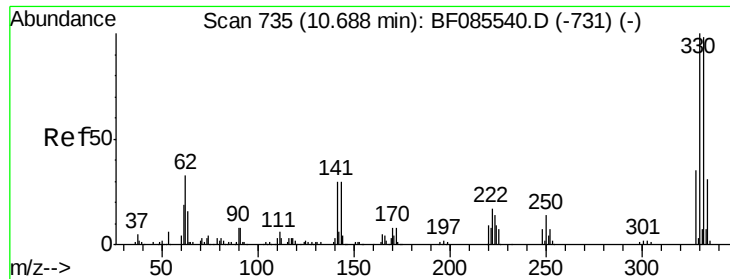
Tgt Ion: 82 Resp: 737304
 Ion Ratio Lower Upper
 82 100
 128 47.6 41.8 62.8
 54 43.7 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion: 164 Resp: 228494
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 47.0 37.4 56.2

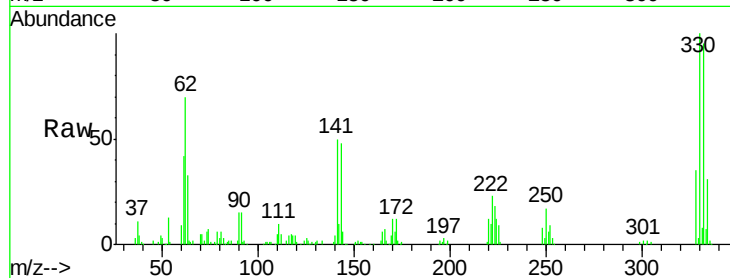




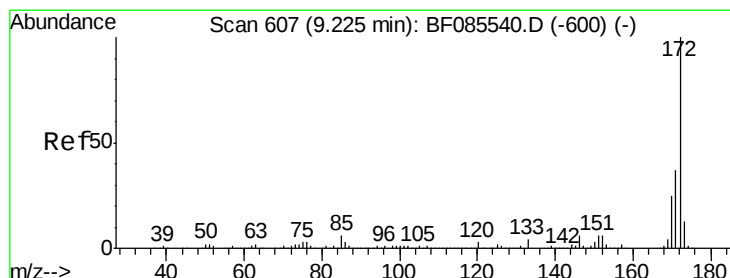
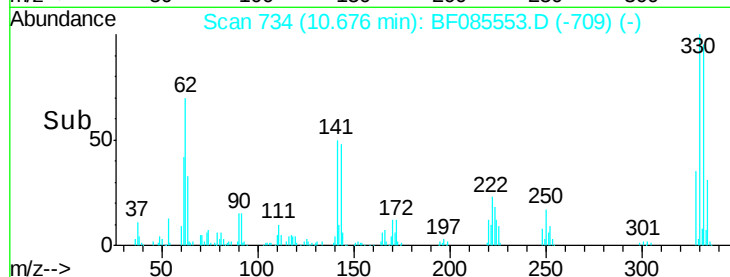
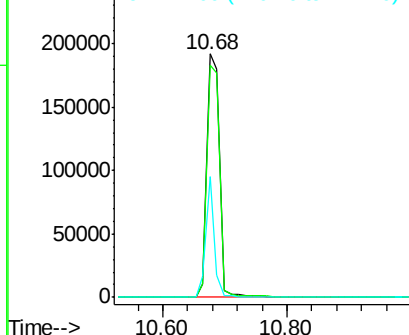
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Tgt Ion:330 Resp: 274434
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 34.1 31.5 47.3

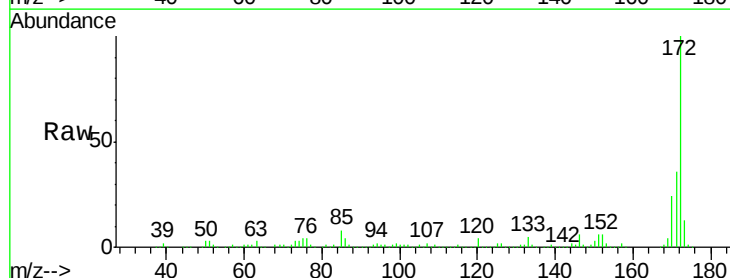


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

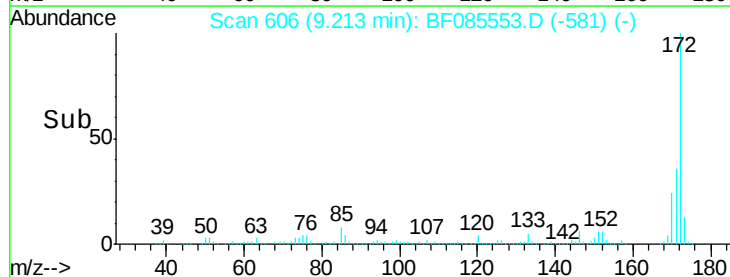
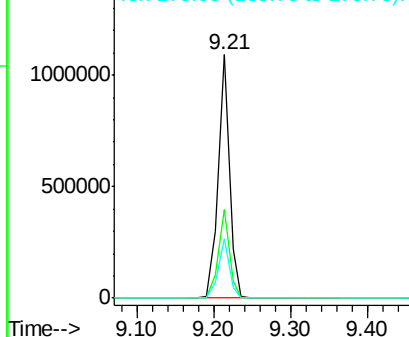


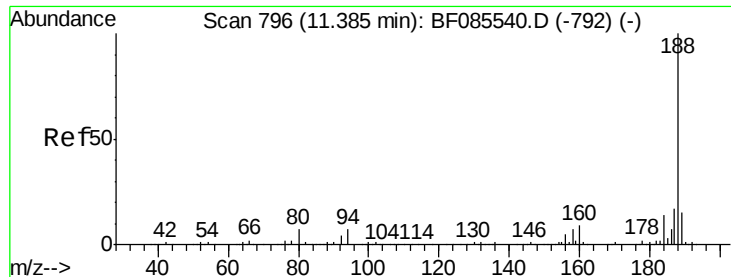
#44
 2-Fluorobiphenyl
 Concen: 83.53 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion:172 Resp: 1123779
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

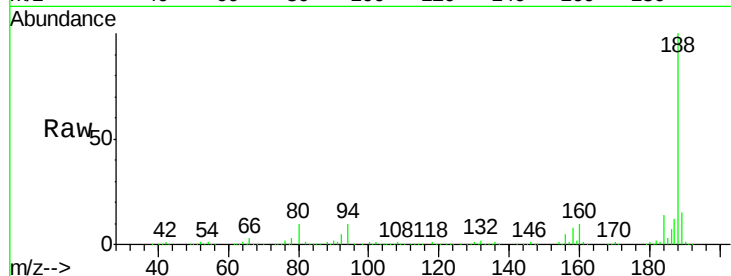




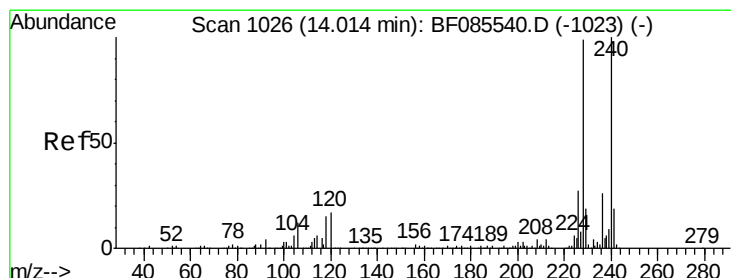
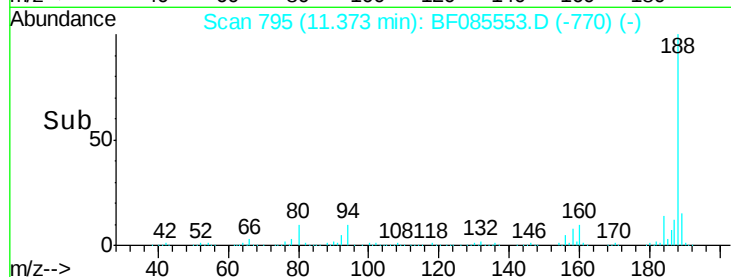
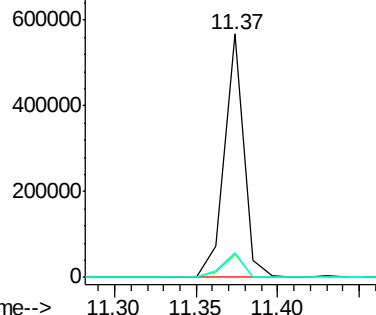
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085553.D
Acq: 19 Mar 2016 4:45

Instrument :
BNA_F
ClientSampleId :
PB89025BL

Tgt Ion:188 Resp: 471887
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.3 5.5 8.3#

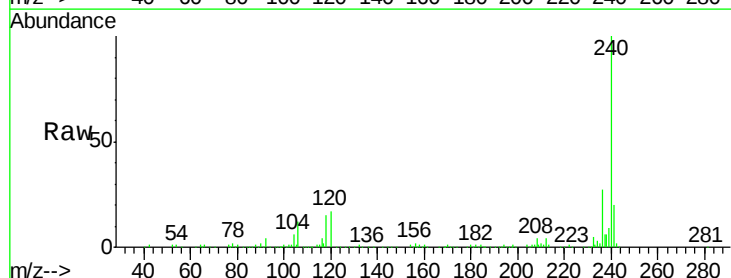


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

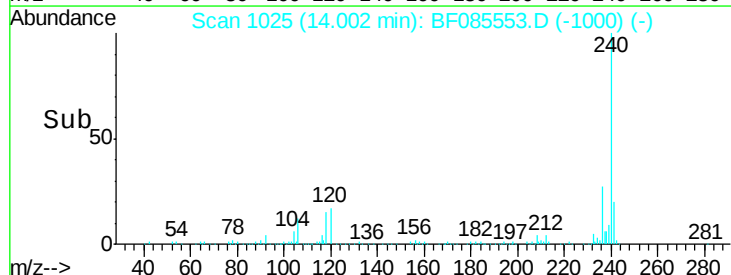
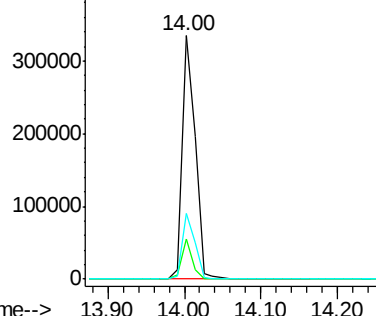


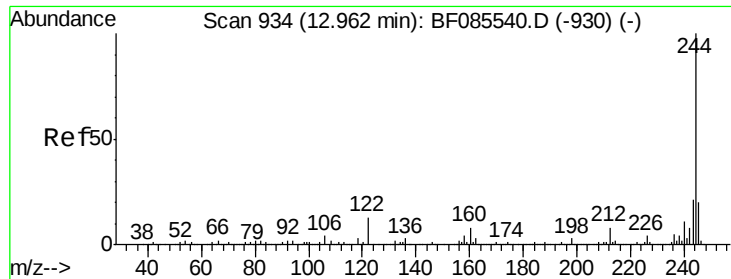
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085553.D
Acq: 19 Mar 2016 4:45

Tgt Ion:240 Resp: 384540
Ion Ratio Lower Upper
240 100
120 16.7 13.8 20.8
236 26.8 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

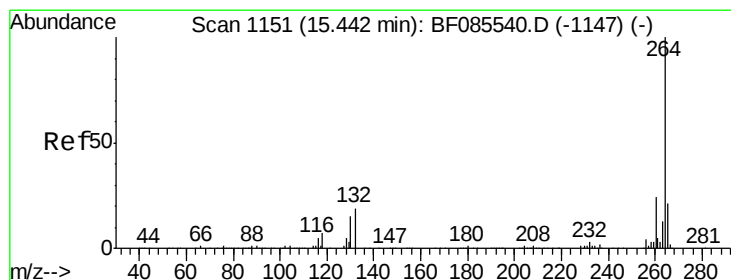
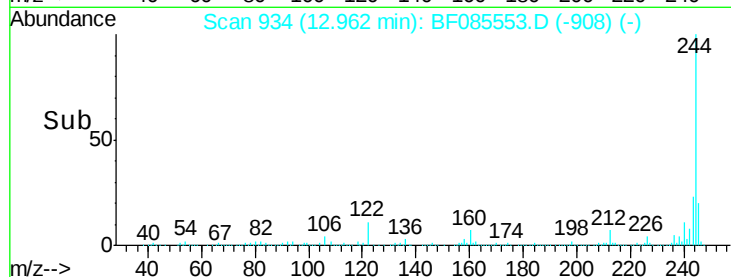
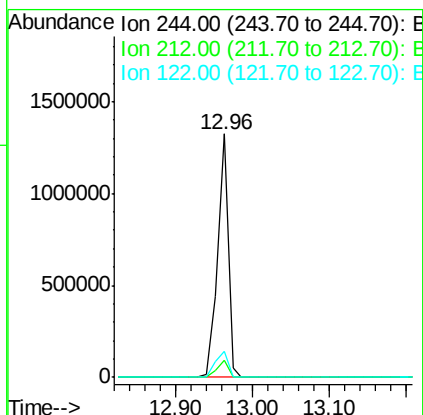
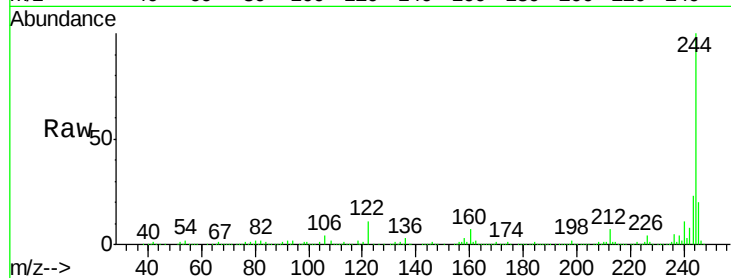




#78
 Terphenyl-d14
 Concen: 79.34 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Tgt Ion:244 Resp: 1267821
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.6 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: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion:264 Resp: 320956
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.6 17.2 25.8

