

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085937.D
 Acq On : 31 Mar 2016 19:50
 Operator : UM/SJ
 Sample : H1976-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 01 00:05:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

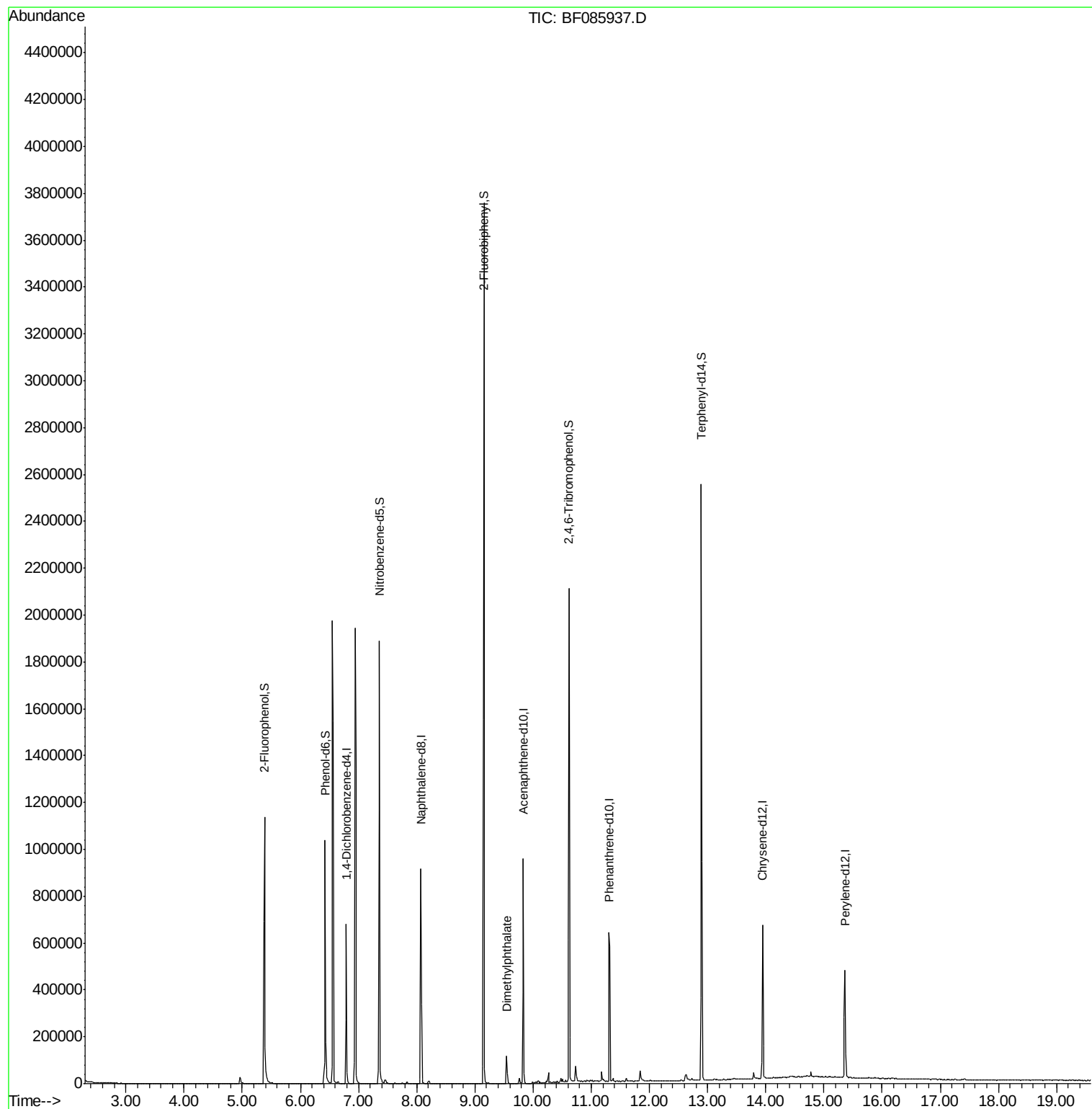
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117581	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	453802	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	205229	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	339625	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	211952	20.00	ng	-0.02
86) Perylene-d12	15.36	264	214561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	458328	64.92	ng	-0.01
7) Phenol-d6	6.42	99	380330	42.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	795497	98.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	257733	132.18	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1265545	103.03	ng	-0.01
78) Terphenyl-d14	12.89	244	880570	85.44	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.54	163	50244	3.23	ng	Qvalue 99

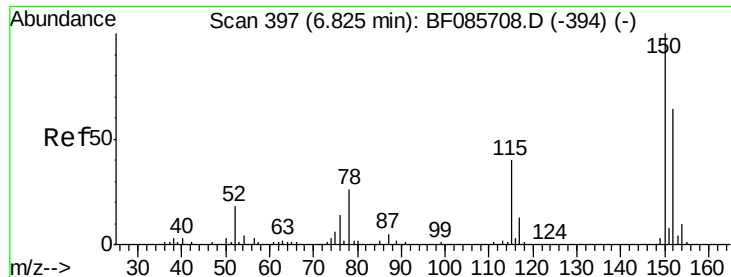
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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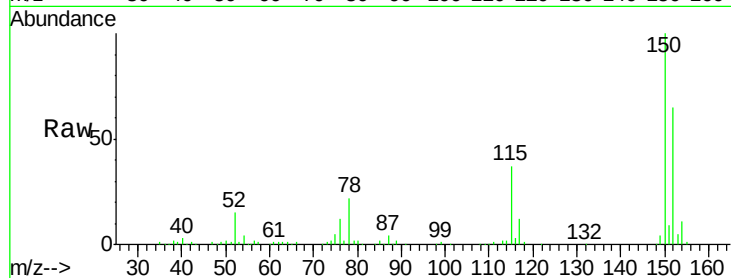


#1

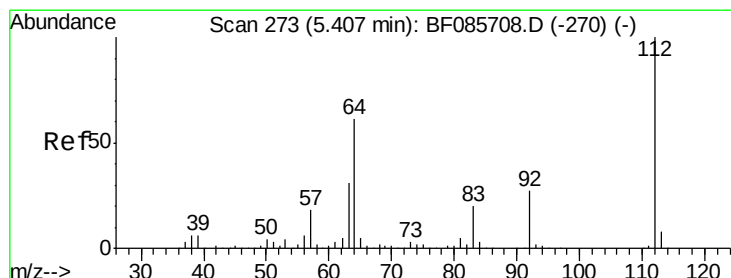
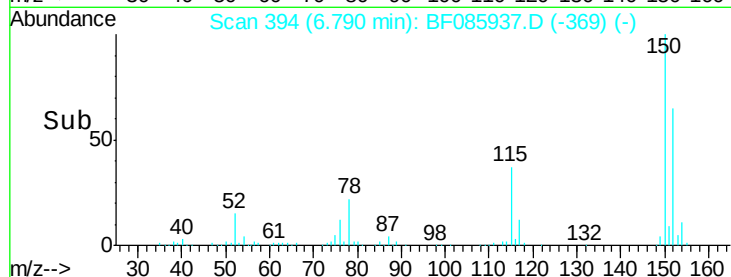
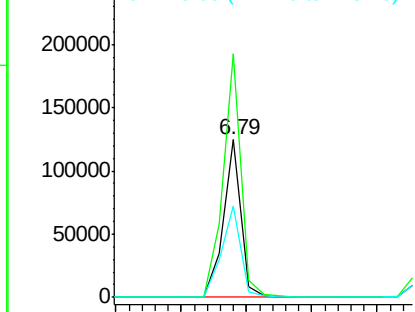
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 117581
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 57.6 47.0 70.6



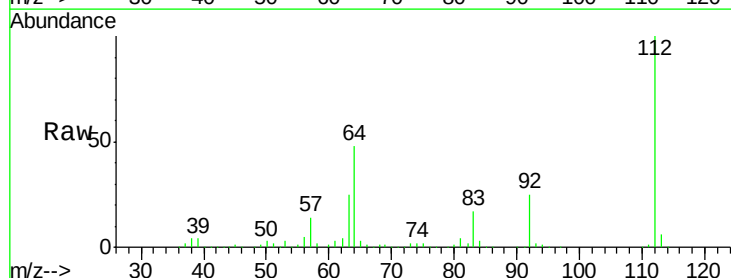
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



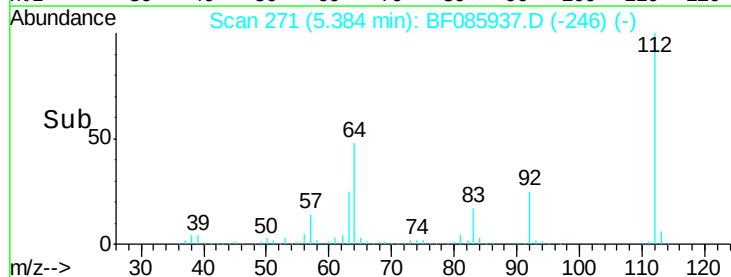
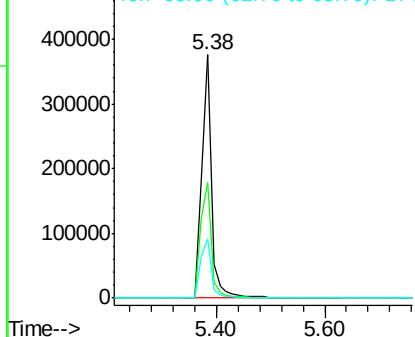
#5

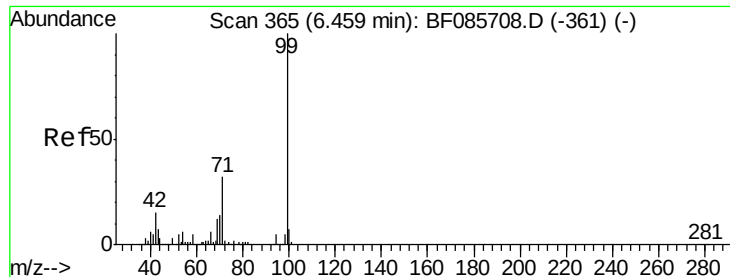
2-Fluorophenol
Concen: 64.92 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:112 Resp: 458328
Ion Ratio Lower Upper
112 100
64 47.5 39.9 59.9
63 24.6 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: 42.37 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

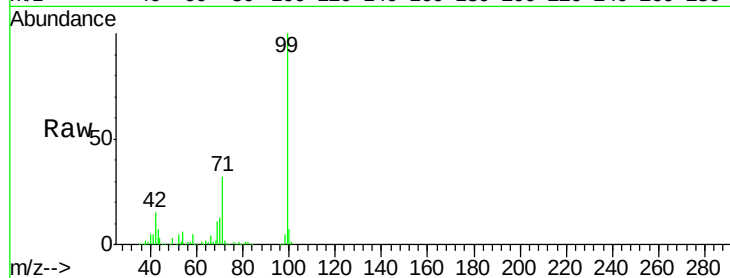
Tgt Ion: 99 Resp: 380330

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

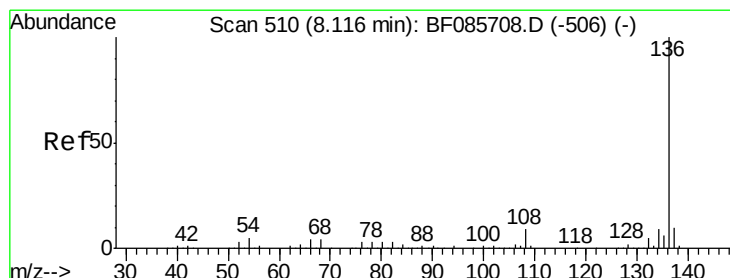
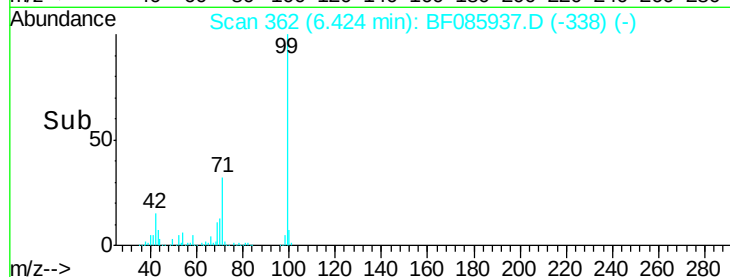
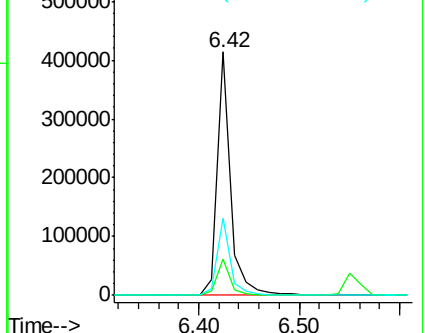
71 31.6 24.9 37.3



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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Tgt Ion: 136 Resp: 453802

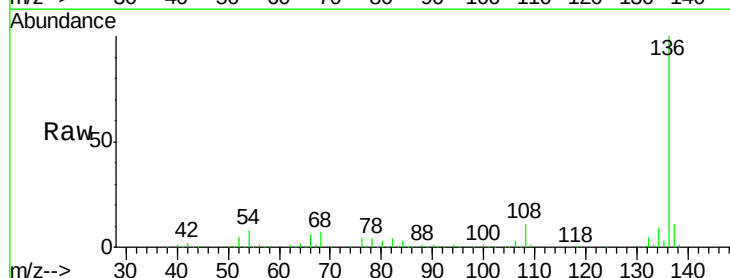
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 7.4 11.0

68 6.6 5.8 8.8

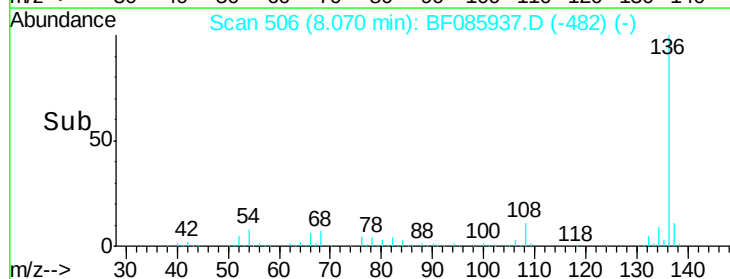
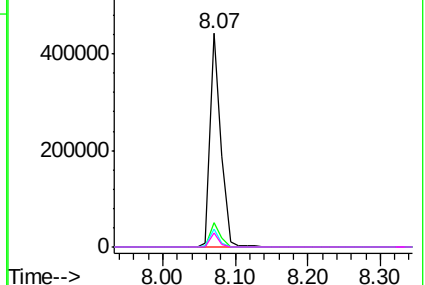


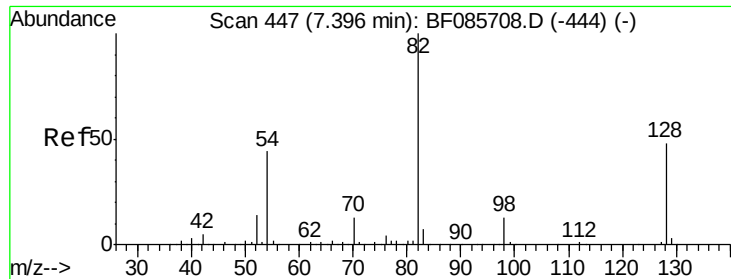
Abundance Ion 136.00 (135.70 to 136.70): E

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

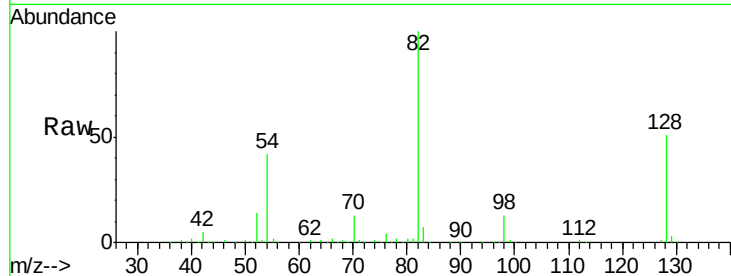




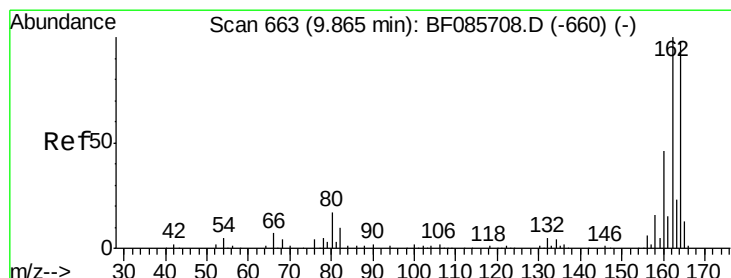
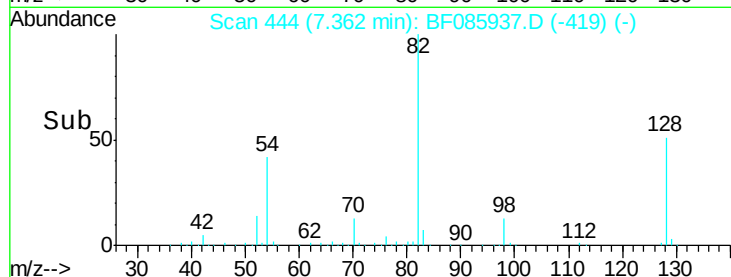
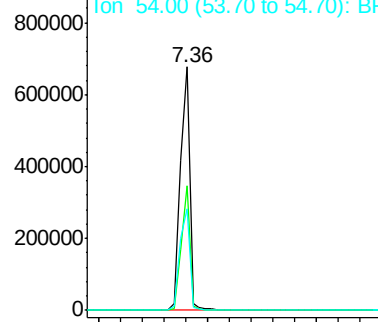
#23
 Nitrobenzene-d5
 Concen: 98.72 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion: 82 Resp: 795497
 Ion Ratio Lower Upper
 82 100
 128 51.1 41.8 62.8
 54 41.8 33.4 50.0

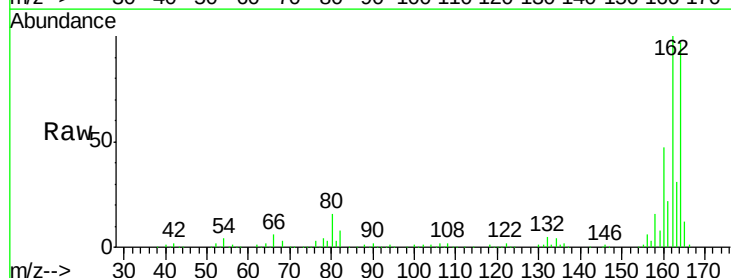


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

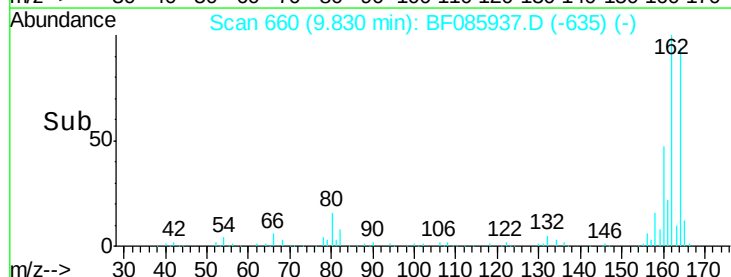
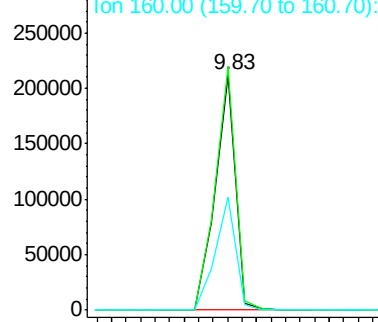


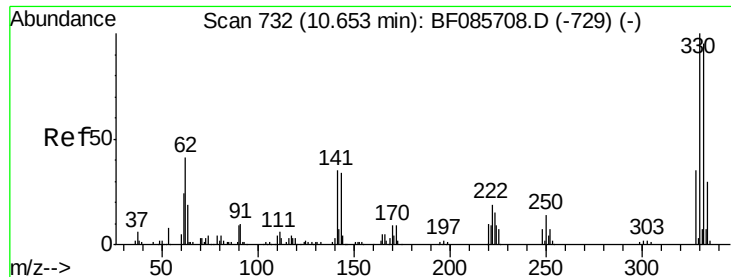
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Tgt Ion: 164 Resp: 205229
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.1 123.1
 160 48.3 37.4 56.2



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

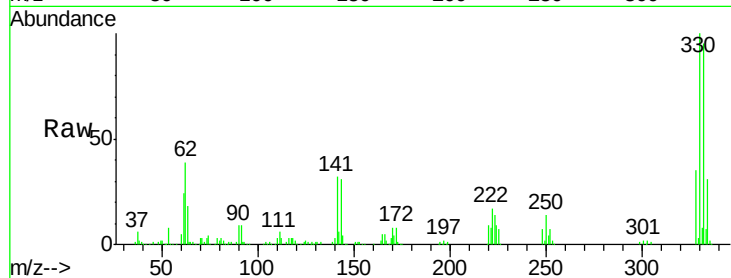




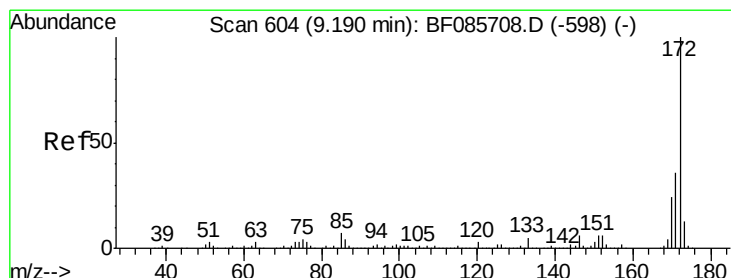
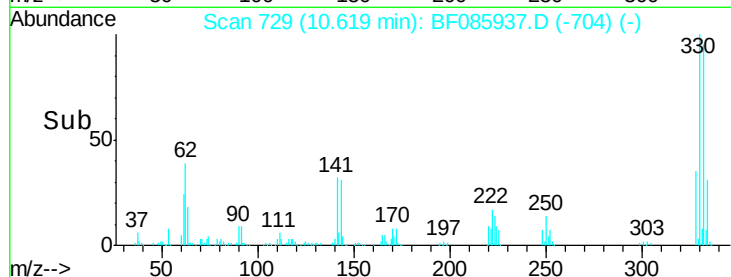
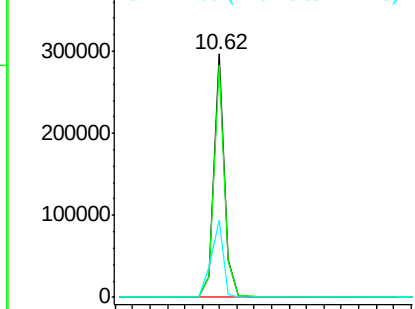
#41
 2,4,6-Tribromophenol
 Concen: 132.18 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 257733
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 36.8 31.5 47.3

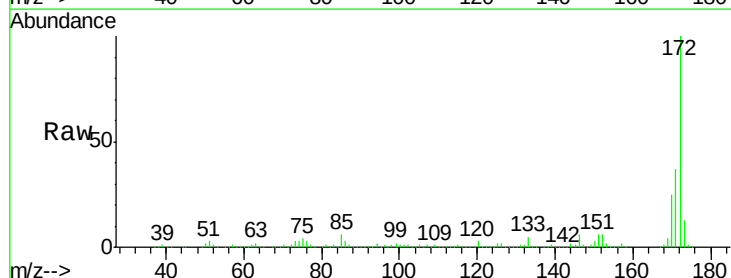


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

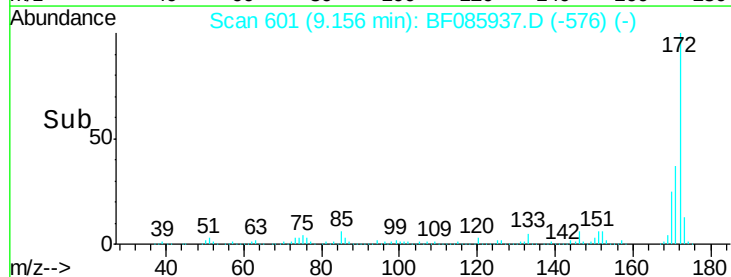
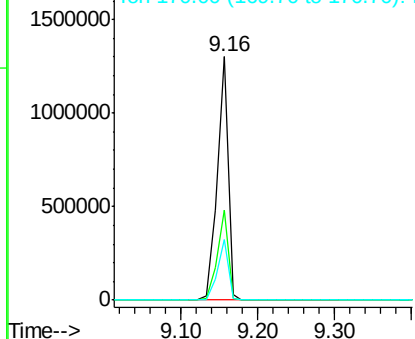


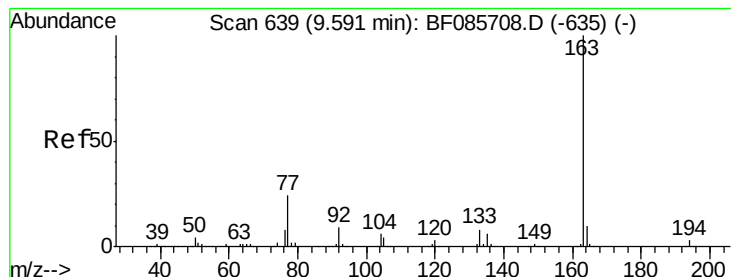
#44
 2-Fluorobiphenyl
 Concen: 103.03 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Tgt Ion:172 Resp: 1265545
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.9 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





#49

Dimethylphthalate

Concen: 3.23 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

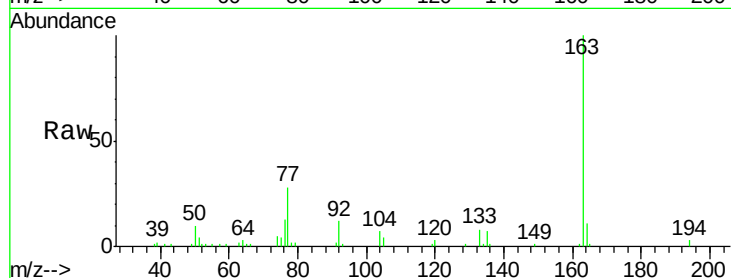
Tgt Ion:163 Resp: 50244

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

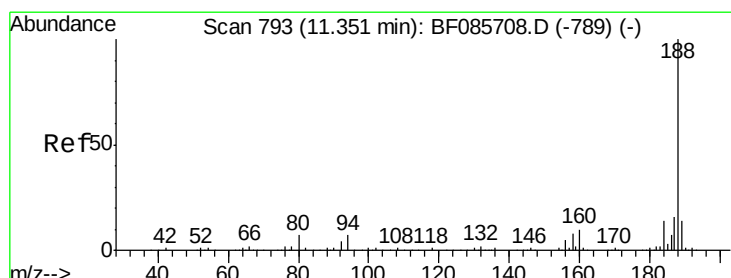
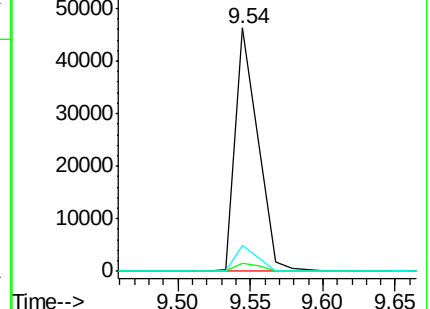
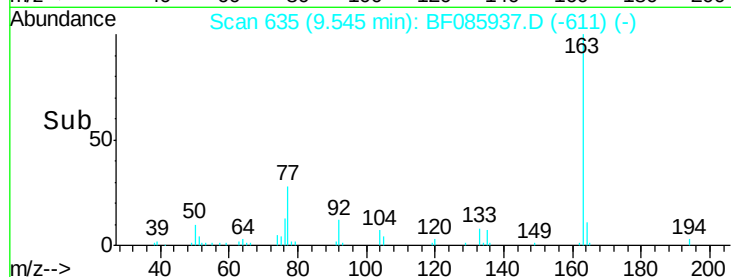
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

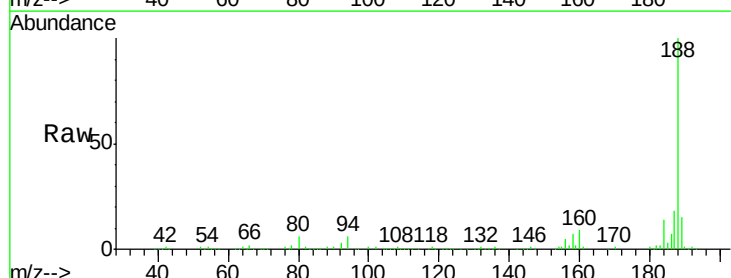
Tgt Ion:188 Resp: 339625

Ion Ratio Lower Upper

188 100

94 5.8 5.4 8.0

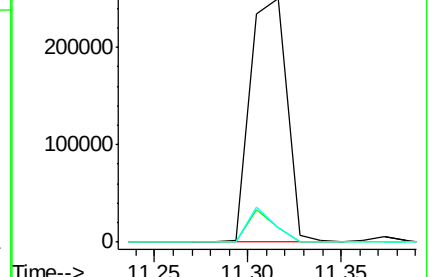
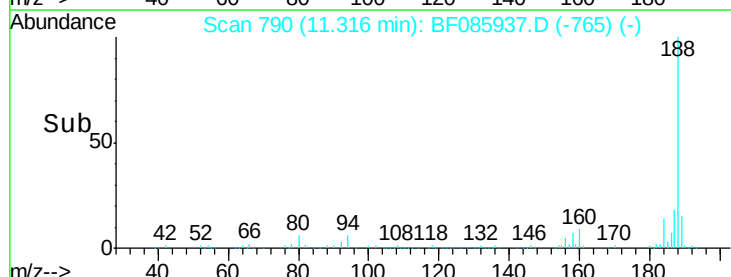
80 5.8 5.5 8.3

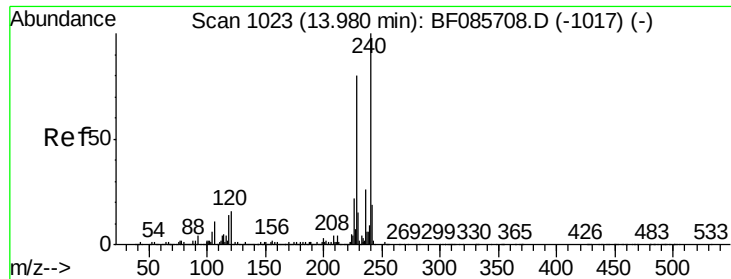


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

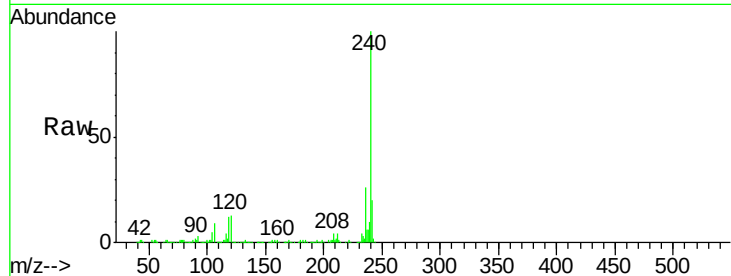
Tgt Ion:240 Resp: 211952

Ion Ratio Lower Upper

240 100

120 13.3 13.8 20.8#

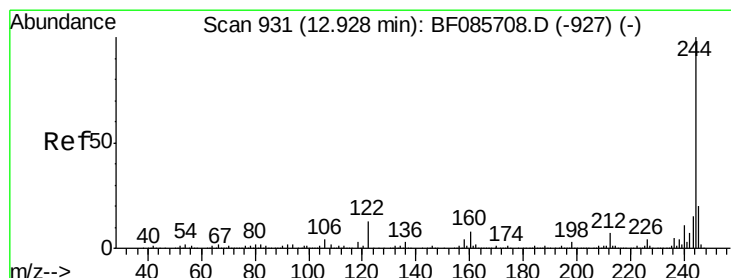
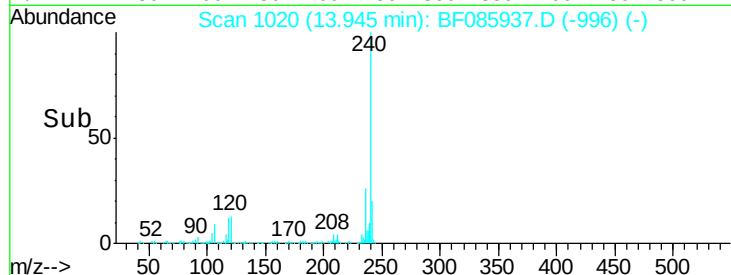
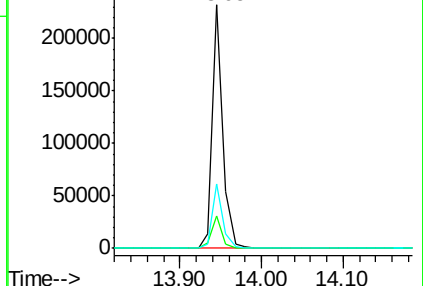
236 26.4 20.6 30.8



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: 85.44 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

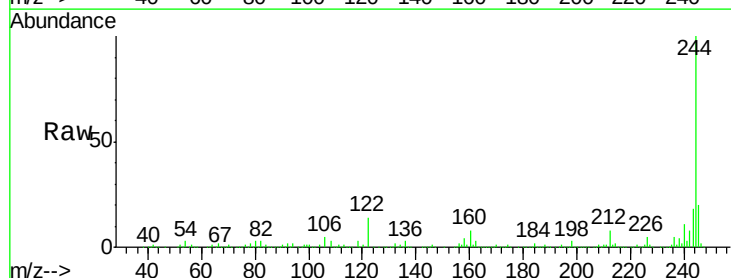
Tgt Ion:244 Resp: 880570

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

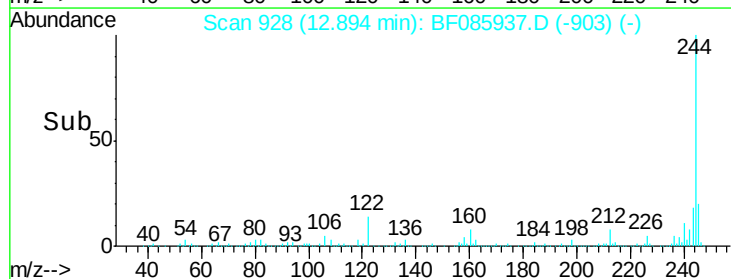
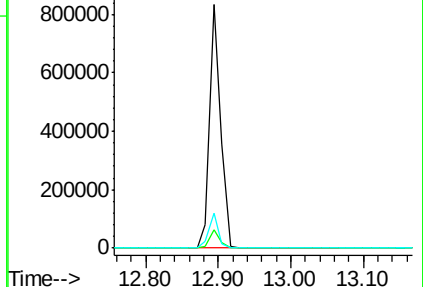
122 14.2 10.2 15.4

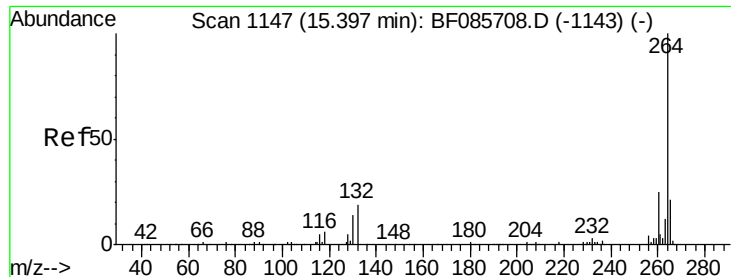


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

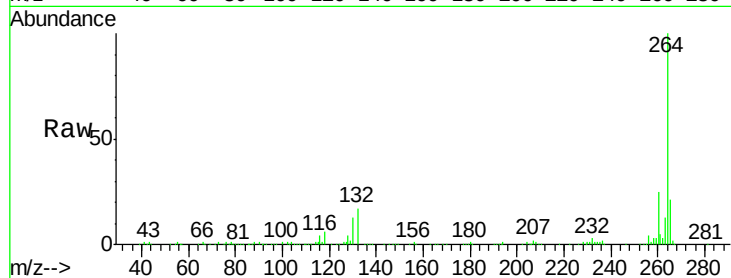




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:	264	Resp:	214561
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	20.8	17.2	25.8



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

