

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087198.D
 Acq On : 19 May 2016 20:36
 Operator : UM/SJ
 Sample : H3144-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

Quant Time: May 20 03:37:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

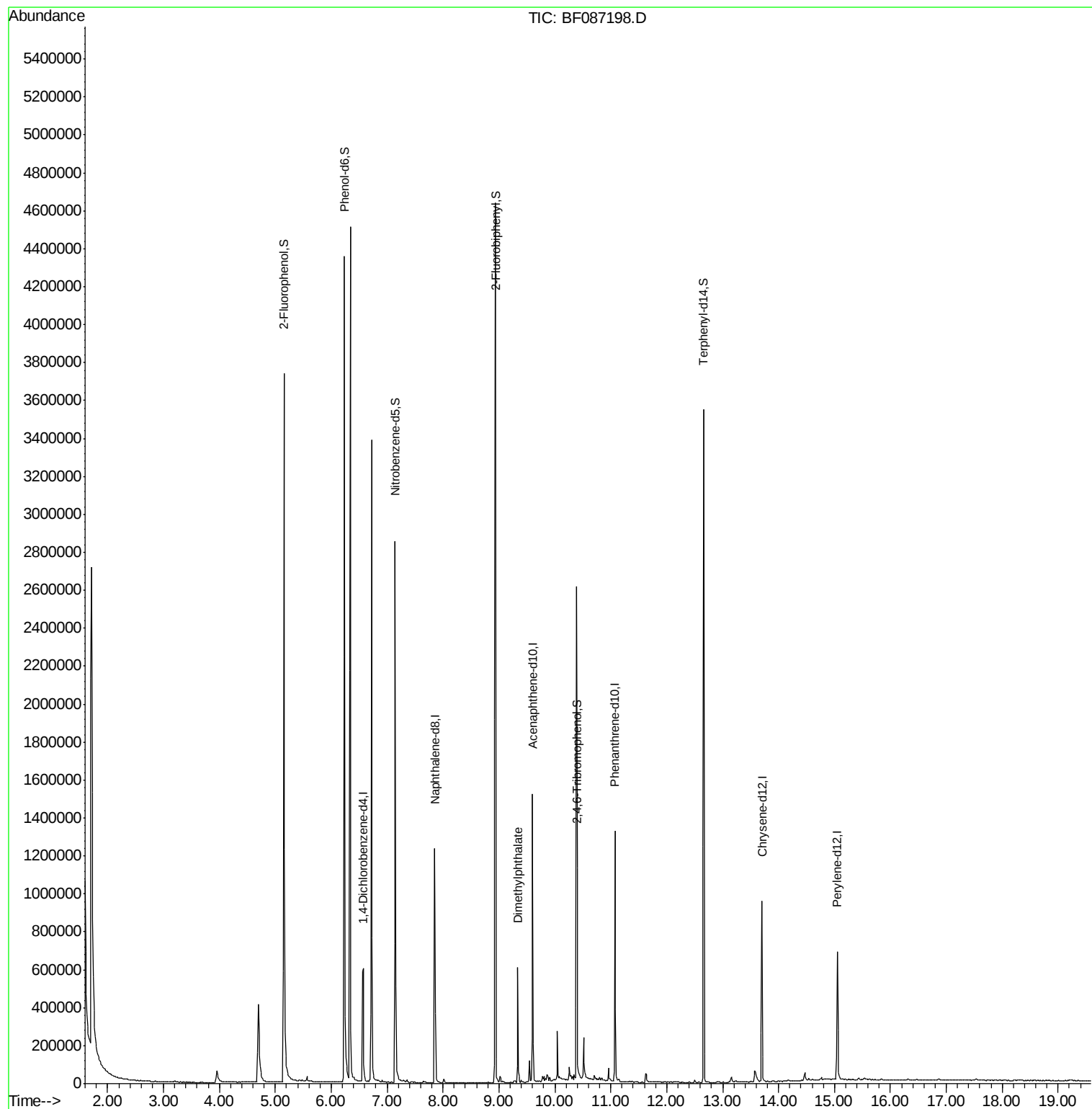
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	130038	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	548920	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	269876	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	476367	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	333546	20.00	ng	-0.01
86) Perylene-d12	15.05	264	274873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1041401	134.61	ng	0.01
7) Phenol-d6	6.24	99	1519522	146.44	ng	0.00
23) Nitrobenzene-d5	7.14	82	930880	84.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	356038	119.39	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1460008	89.60	ng	0.00
78) Terphenyl-d14	12.66	244	1058372	71.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.34	163	213286	10.36	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

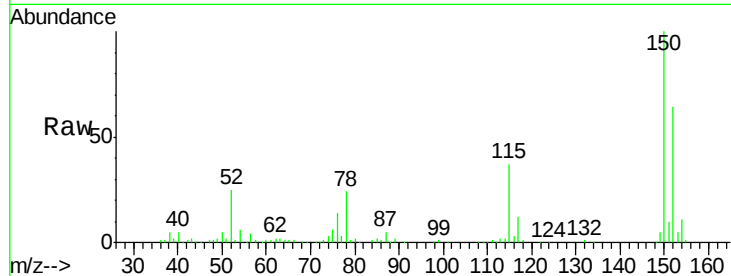
Tgt Ion:152 Resp: 130038

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

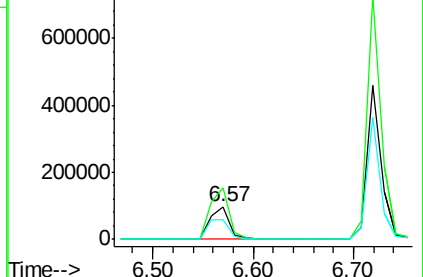
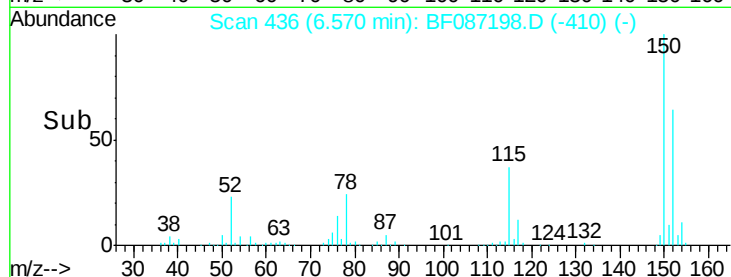
115 57.9 51.5 77.3



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: 134.61 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

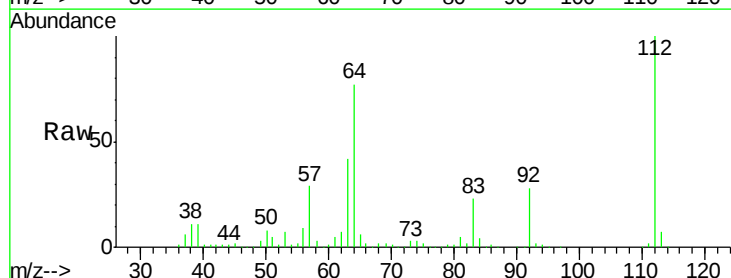
Tgt Ion:112 Resp: 1041401

Ion Ratio Lower Upper

112 100

64 76.8 52.1 78.1

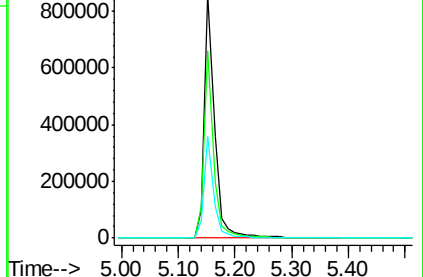
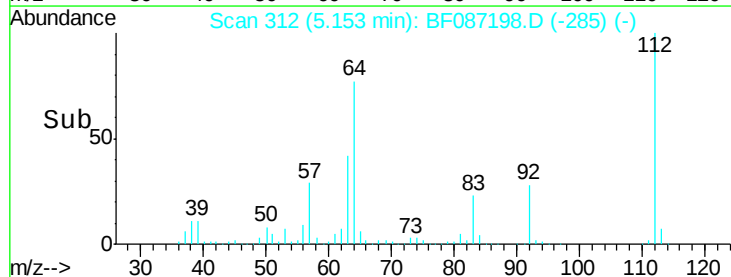
63 41.9 25.7 38.5#



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: 146.44 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

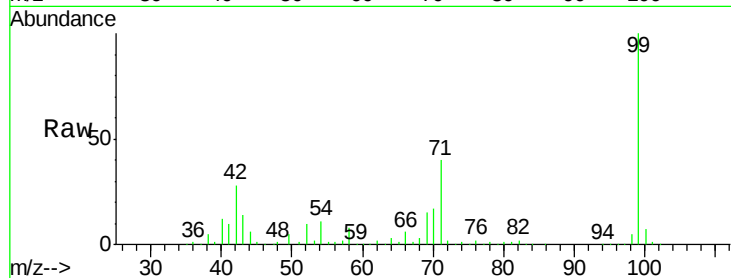
Tgt Ion: 99 Resp: 1519522

Ion Ratio Lower Upper

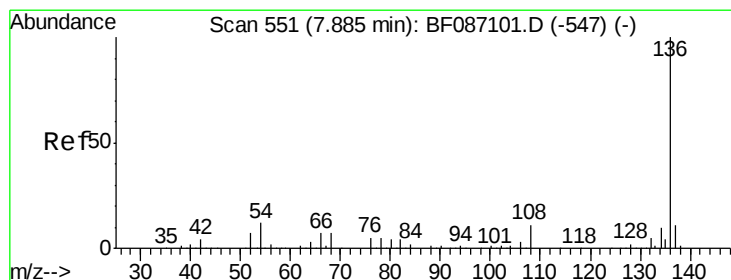
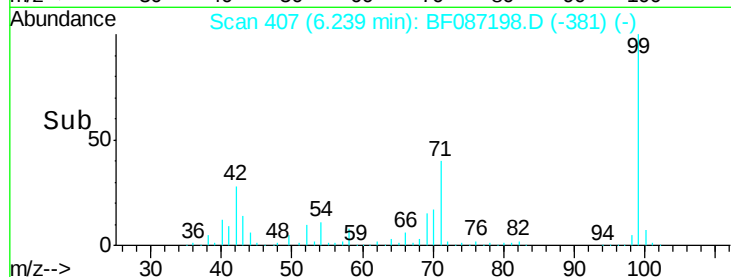
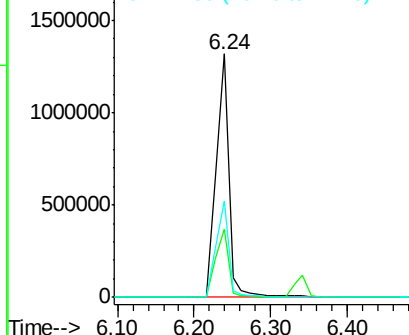
99 100

42 28.1 13.6 20.4#

71 39.7 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Tgt Ion: 136 Resp: 548920

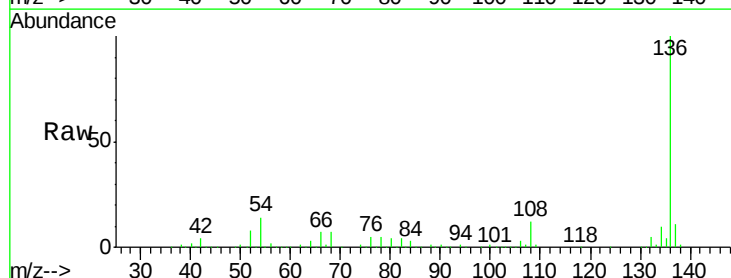
Ion Ratio Lower Upper

136 100

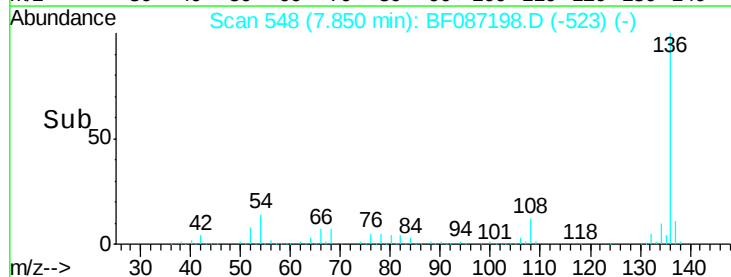
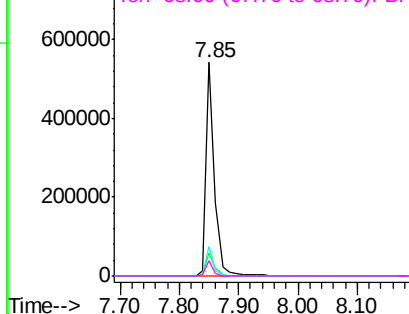
137 11.0 8.8 13.2

54 13.7 5.0 7.4#

68 6.9 4.4 6.6#



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

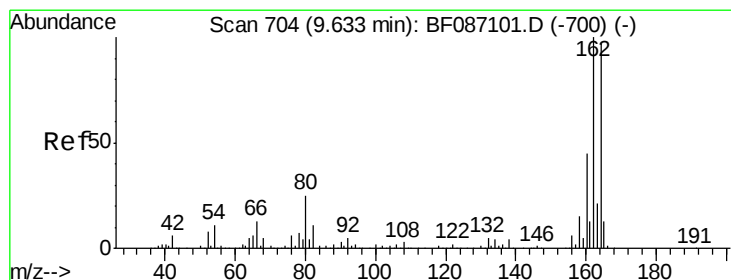
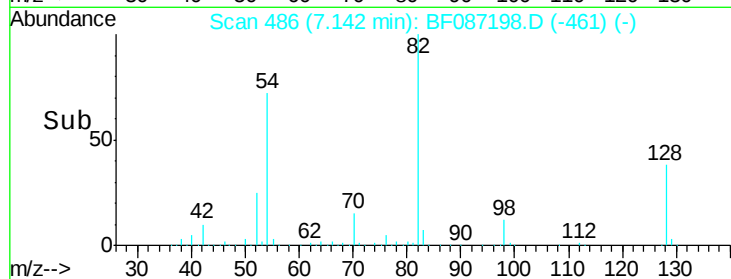
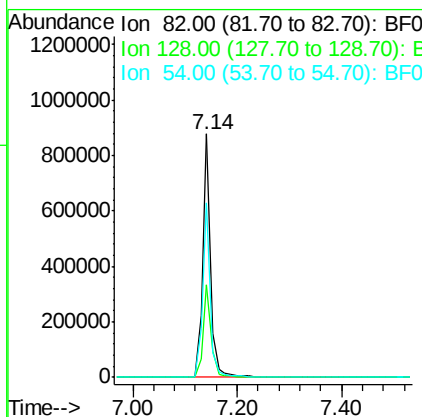
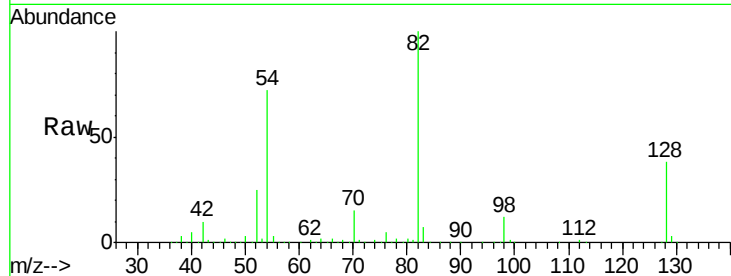




#23
 Nitrobenzene-d5
 Concen: 84.52 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

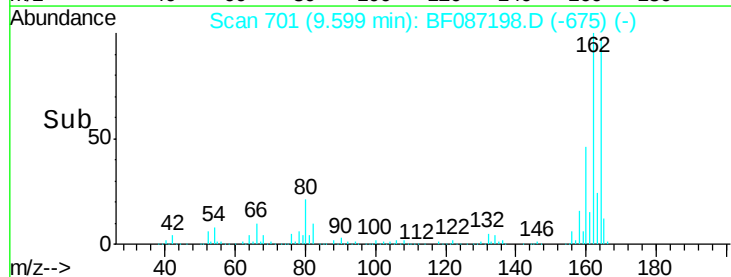
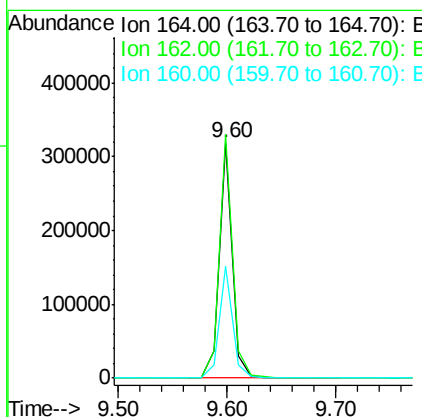
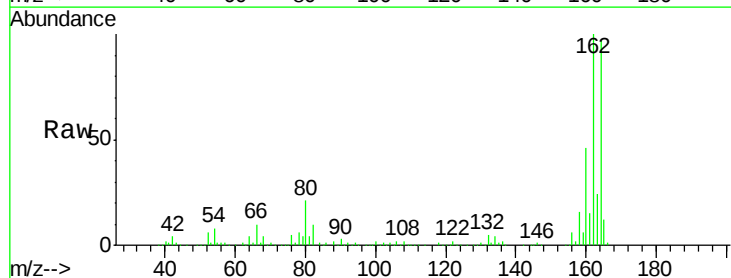
Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

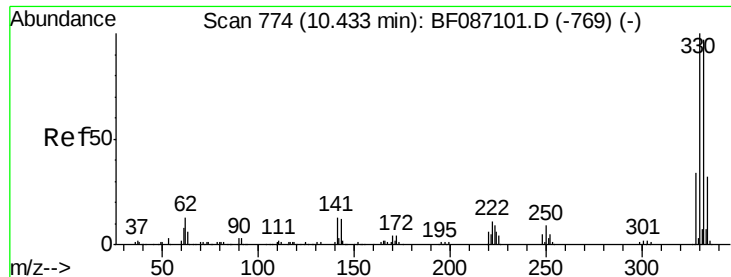
Tgt Ion: 82 Resp: 930880
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 71.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Tgt Ion: 164 Resp: 269876
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 47.6 36.9 55.3

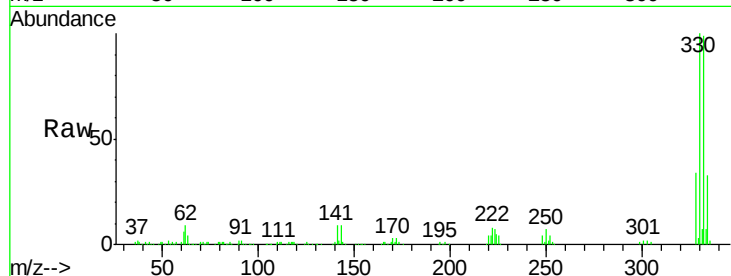




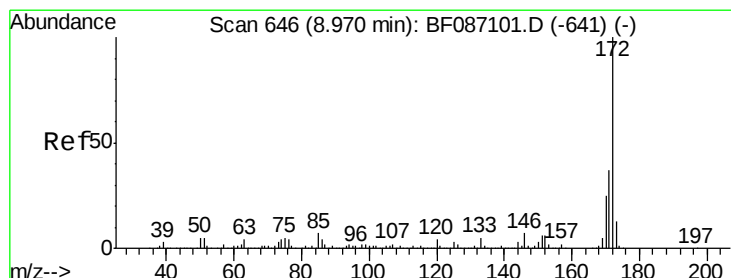
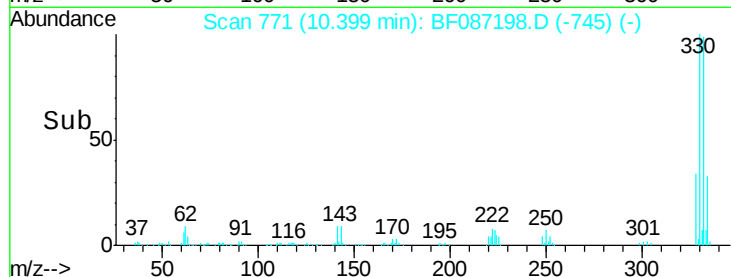
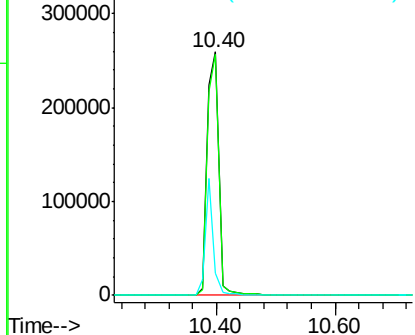
#41
 2,4,6-Tribromophenol
 Concen: 119.39 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 4-AB-AC(0-2)

Tgt Ion:330 Resp: 356038
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 33.6 31.2 46.8

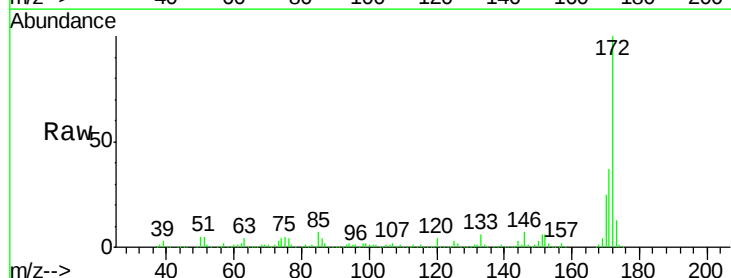


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

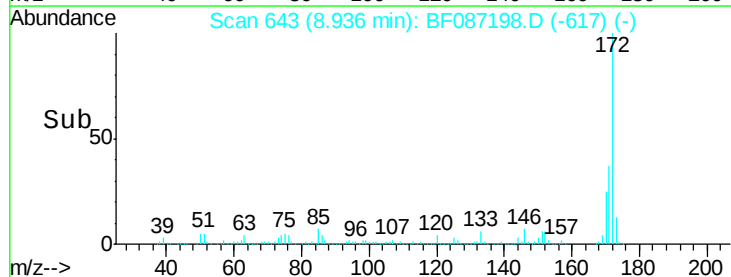
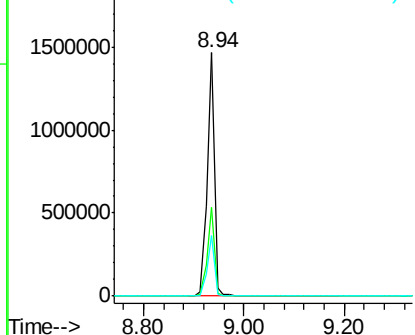


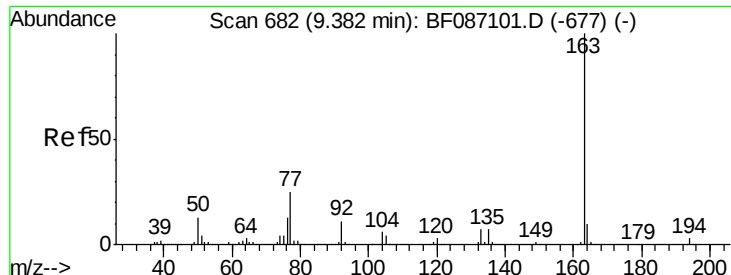
#44
 2-Fluorobiphenyl
 Concen: 89.60 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087198.D
 Acq: 19 May 2016 20:36

Tgt Ion:172 Resp: 1460008
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.0 19.8 29.8



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

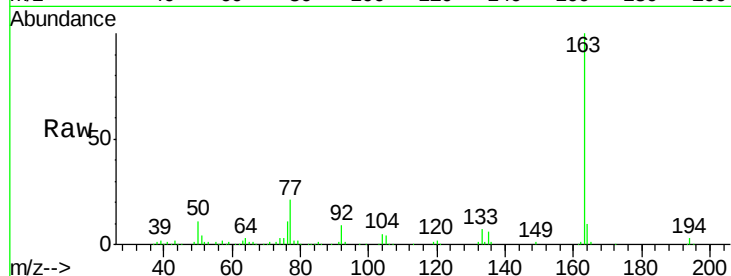




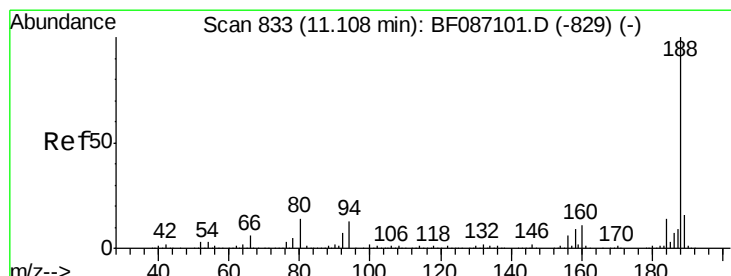
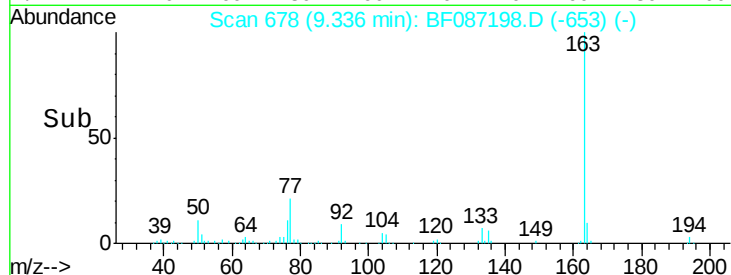
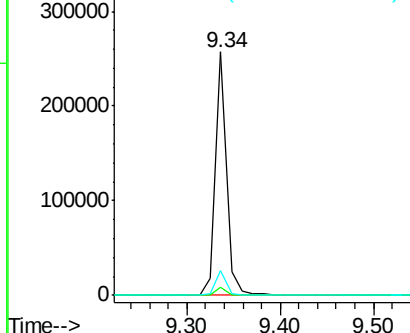
#49
Dimethylphthalate
Concen: 10.36 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Tgt Ion:163 Resp: 213286
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4

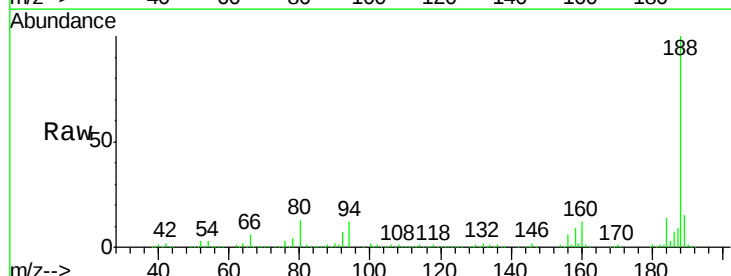


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

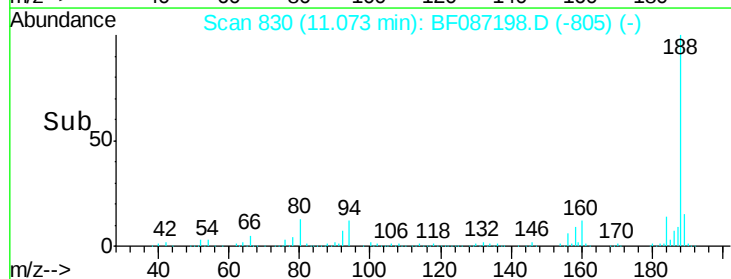
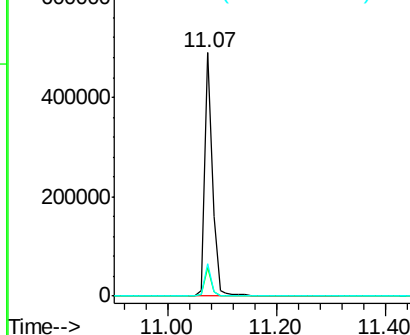


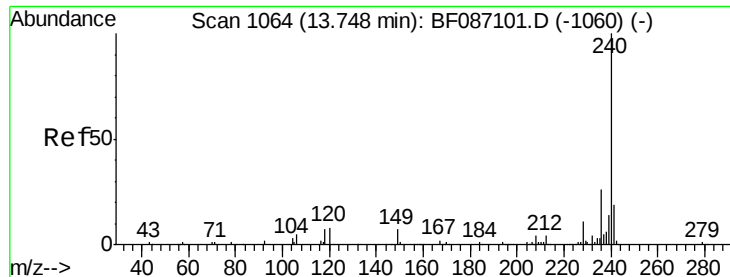
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Tgt Ion:188 Resp: 476367
Ion Ratio Lower Upper
188 100
94 11.7 6.8 10.2#
80 13.2 7.1 10.7#



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: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

4-AB-AC(0-2)

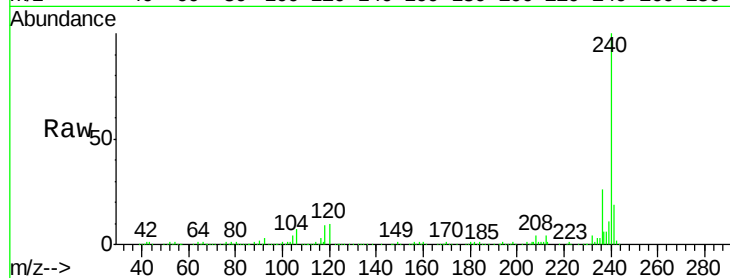
Tgt Ion:240 Resp: 333546

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

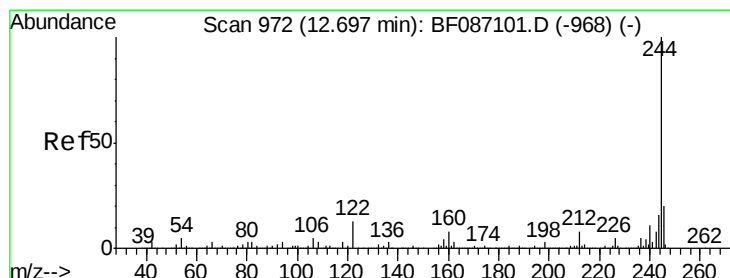
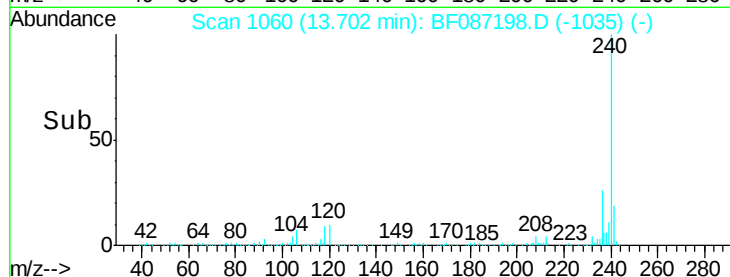
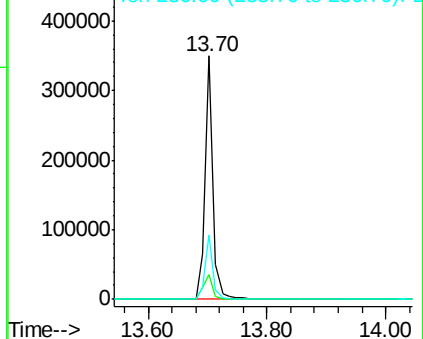
236 26.4 21.2 31.8



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: 71.78 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF087198.D

Acq: 19 May 2016 20:36

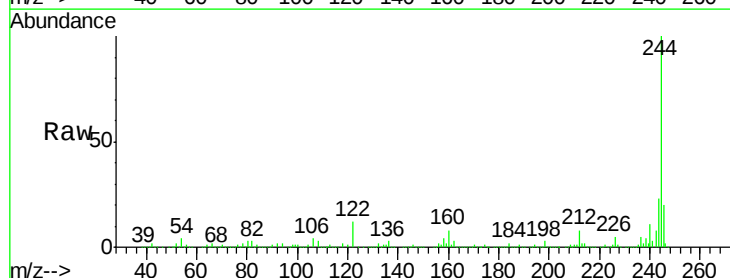
Tgt Ion:244 Resp: 1058372

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

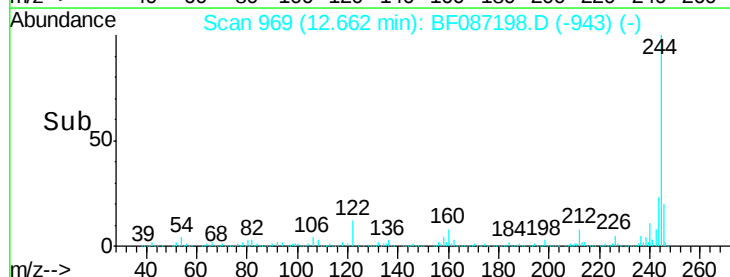
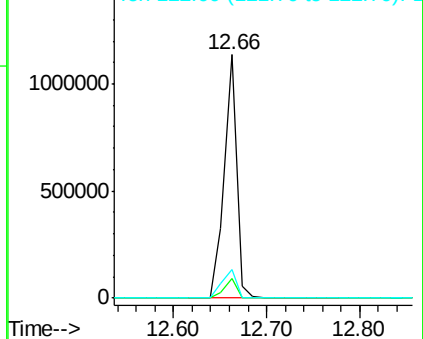
122 11.6 12.0 18.0#

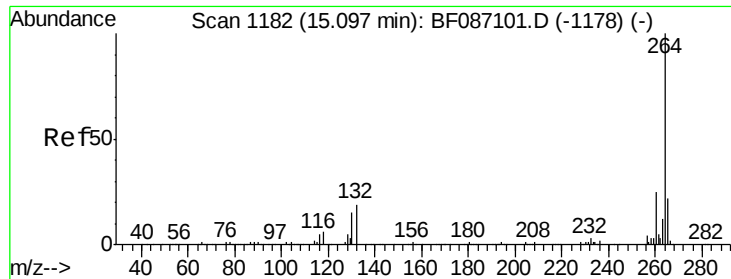


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

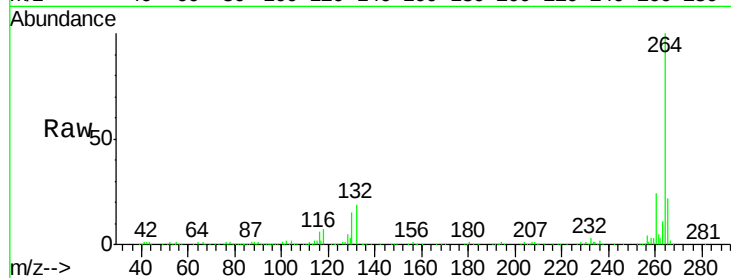




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087198.D
Acq: 19 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Tgt Ion: 264 Resp: 274873
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.9 17.3 25.9



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

