

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087221.D
 Acq On : 20 May 2016 9:32
 Operator : UM/SJ
 Sample : H3121-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 20 14:46:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	137733	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	555532	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	248791	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	383082	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	278516	20.00	ng	-0.06
86) Perylene-d12	15.06	264	252748	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	630902	76.99	ng	-0.05
7) Phenol-d6	6.24	99	531557	48.37	ng	-0.05
23) Nitrobenzene-d5	7.14	82	1028787	92.30	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	396528	144.23	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1540794	102.57	ng	-0.05
78) Terphenyl-d14	12.66	244	956904	77.72	ng	-0.05

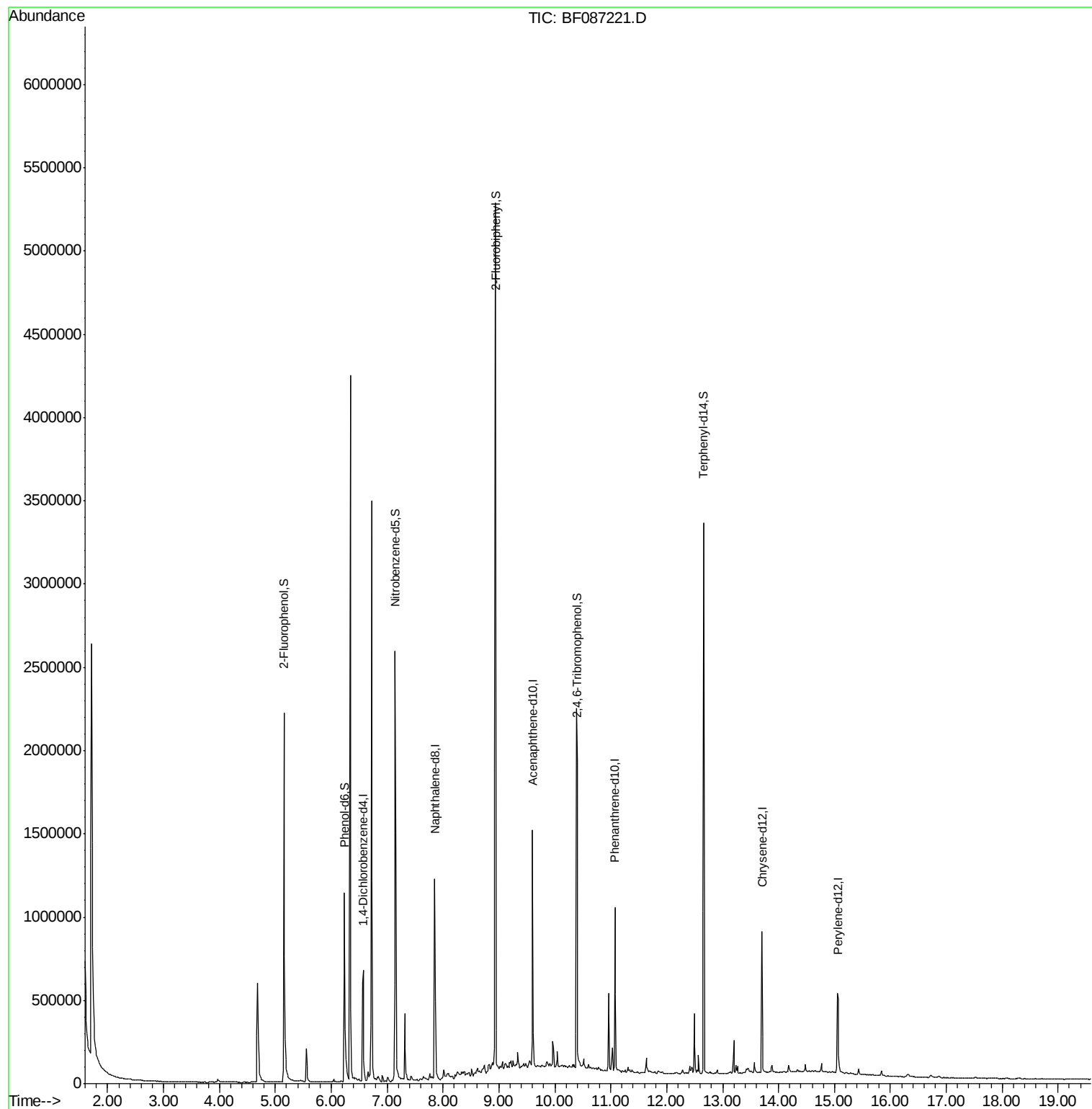
Target Compounds	Qvalue
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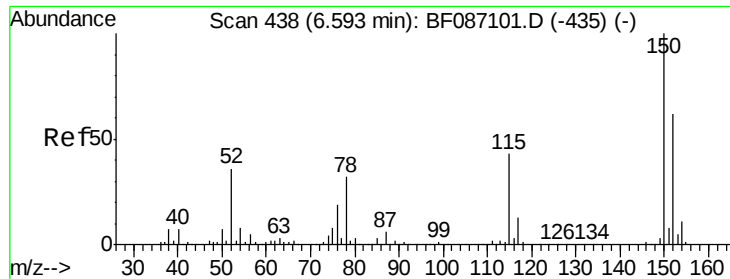
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

Instrument :

BNA_F

ClientSampleId :

MW-10

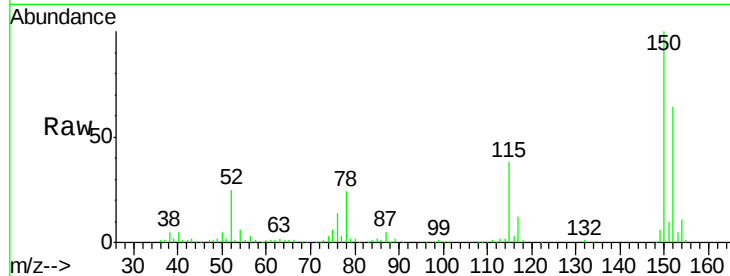
Tgt Ion:152 Resp: 137733

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

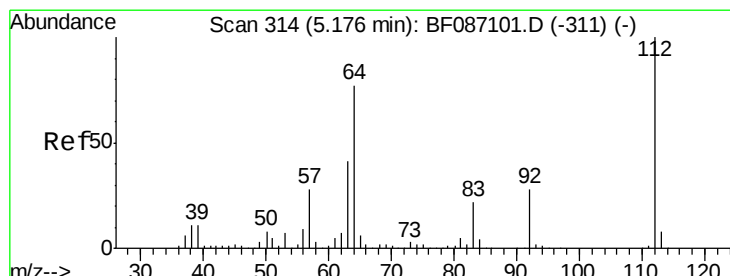
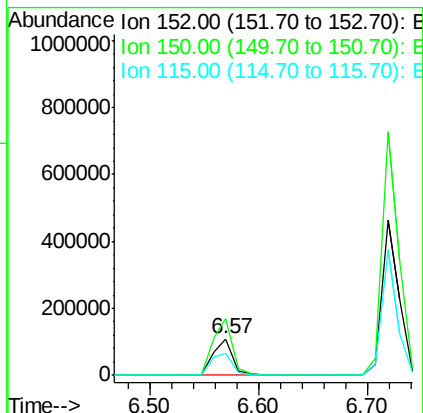
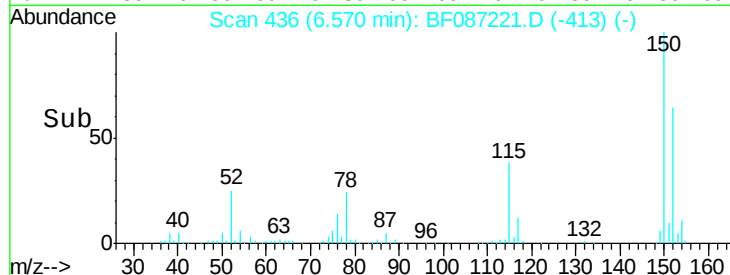
115 59.0 51.5 77.3



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: 76.99 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

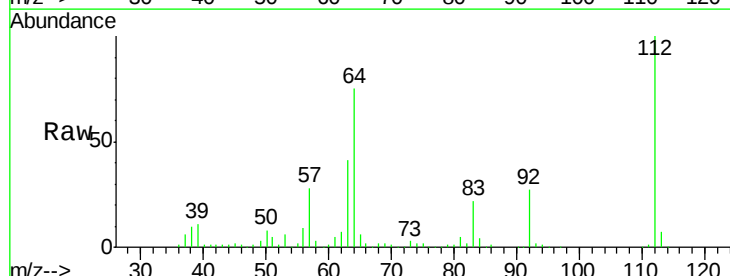
Tgt Ion:112 Resp: 630902

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

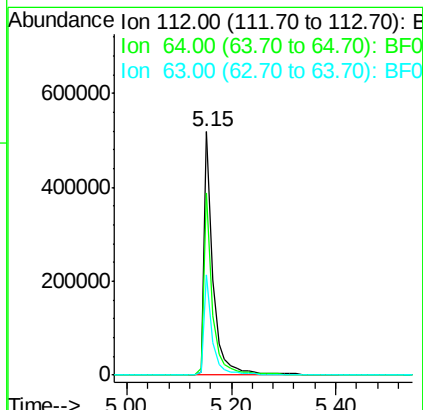
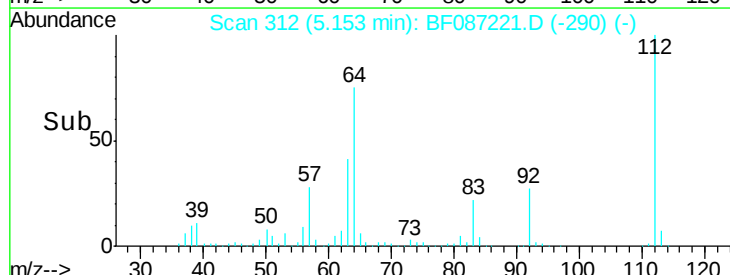
63 41.0 25.7 38.5#

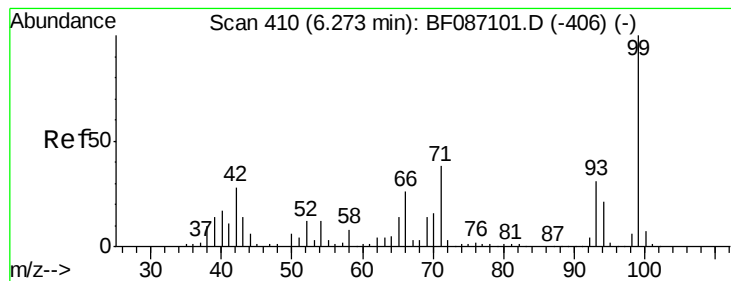


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.37 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

Instrument :

BNA_F

ClientSampled :

MW-10

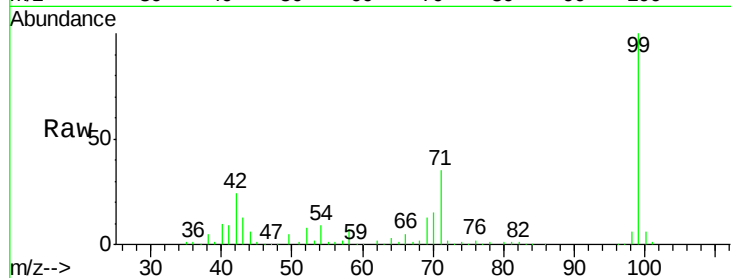
Tgt Ion: 99 Resp: 531557

Ion Ratio Lower Upper

99 100

42 24.5 13.6 20.4#

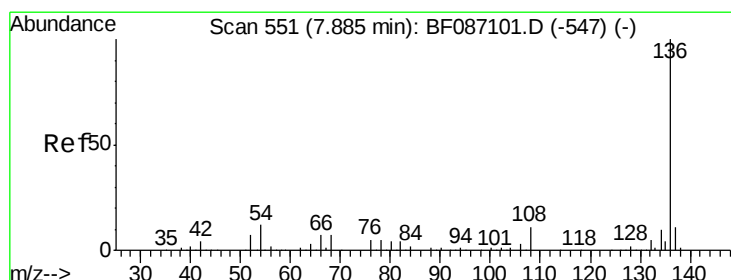
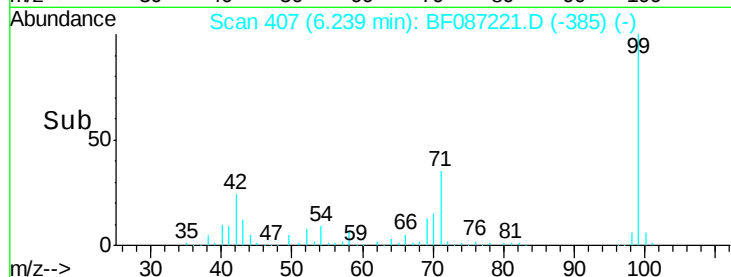
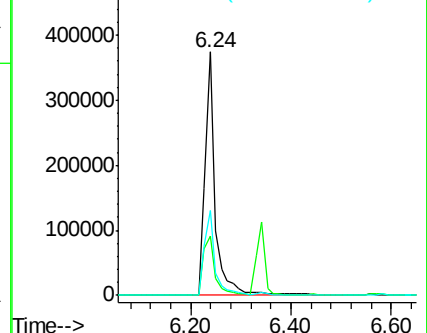
71 34.7 24.6 36.8



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. -0.05 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

Tgt Ion: 136 Resp: 555532

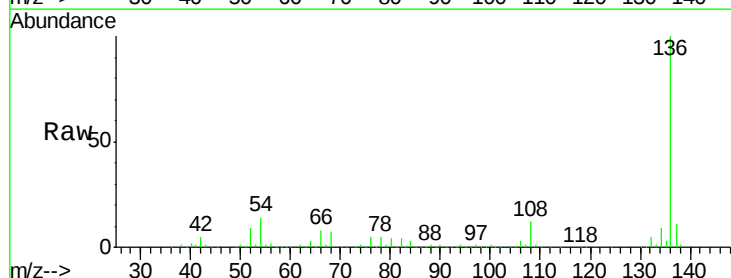
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.2 5.0 7.4#

68 7.0 4.4 6.6#

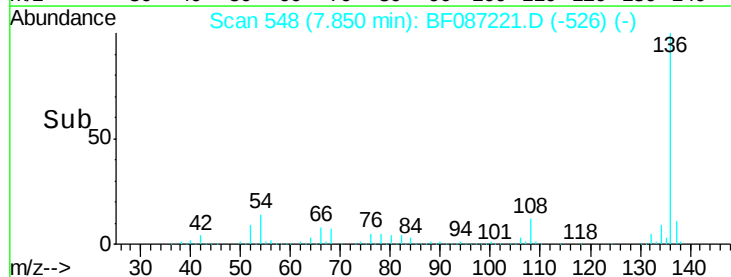
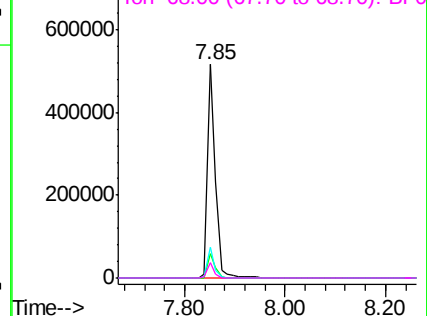


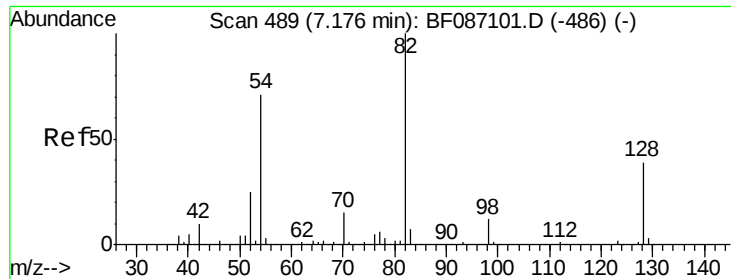
Abundance Ion 136.00 (135.70 to 136.70): E

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

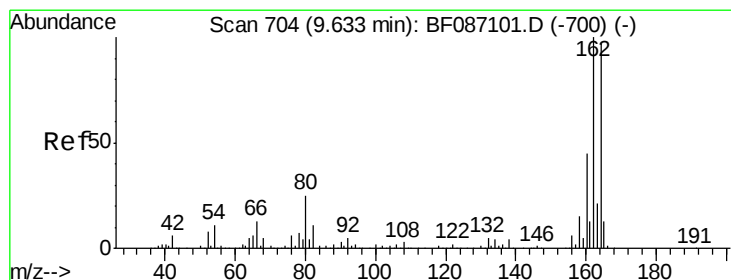
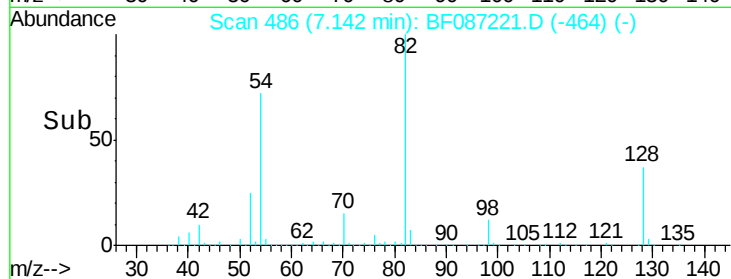
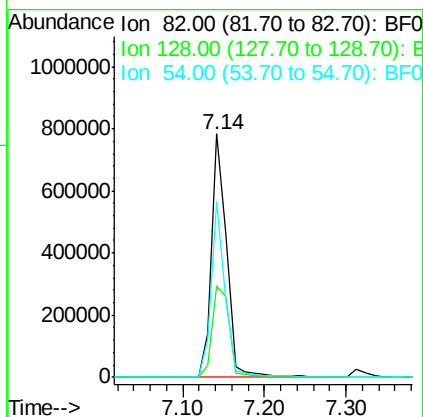
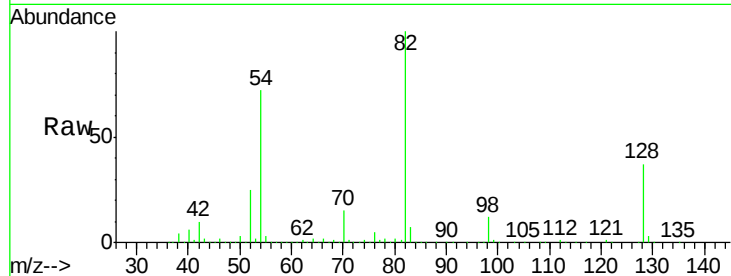




#23
 Nitrobenzene-d5
 Concen: 92.30 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087221.D
 Acq: 20 May 2016 9:32

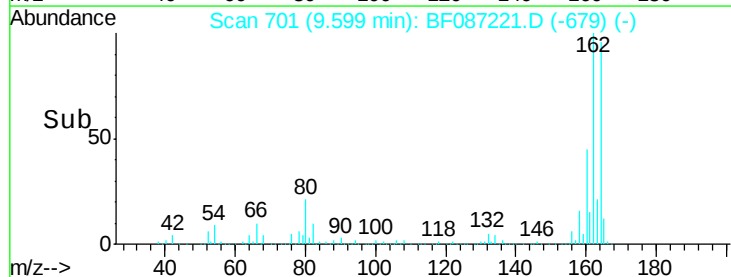
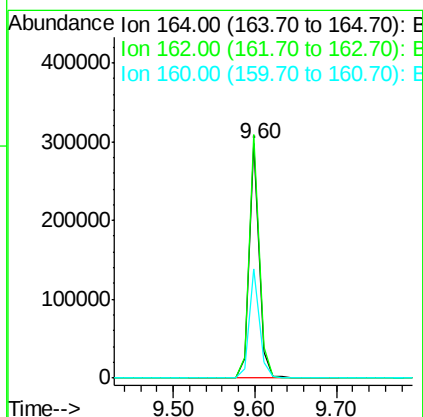
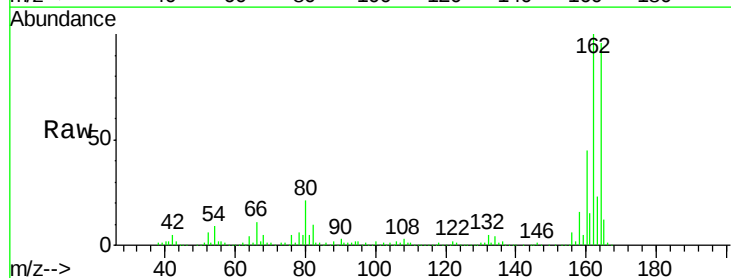
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion: 82 Resp: 1028787
 Ion Ratio Lower Upper
 82 100
 128 37.3 40.6 61.0#
 54 72.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087221.D
 Acq: 20 May 2016 9:32

Tgt Ion: 164 Resp: 248791
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 46.8 36.9 55.3

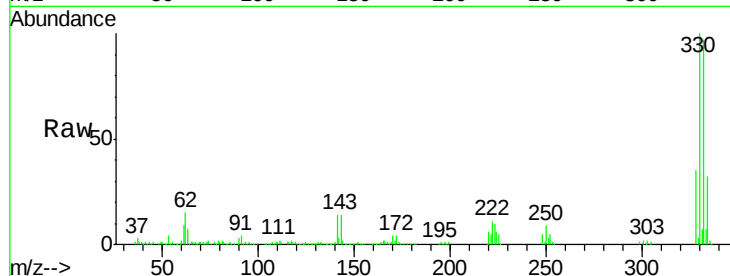




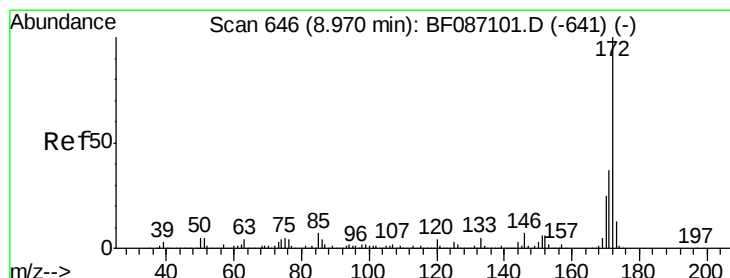
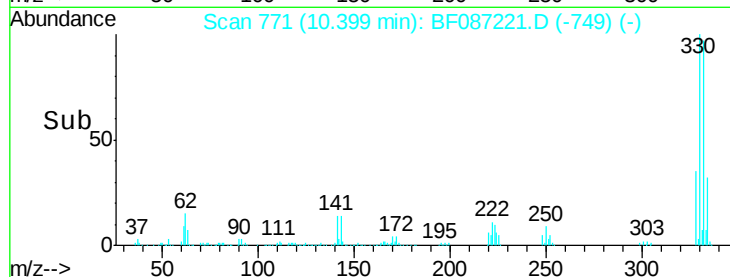
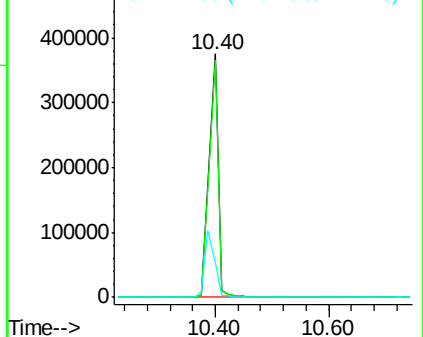
#41
 2,4,6-Tribromophenol
 Concen: 144.23 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087221.D
 Acq: 20 May 2016 9:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:330 Resp: 396528
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 30.0 31.2 46.8#

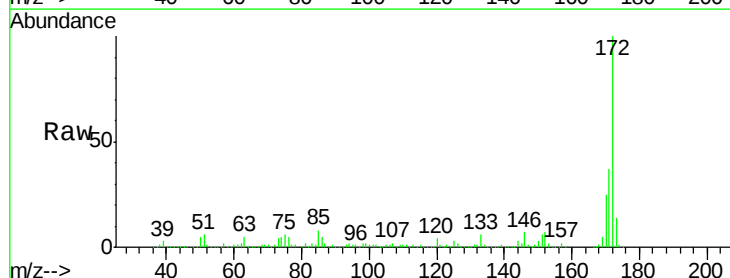


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

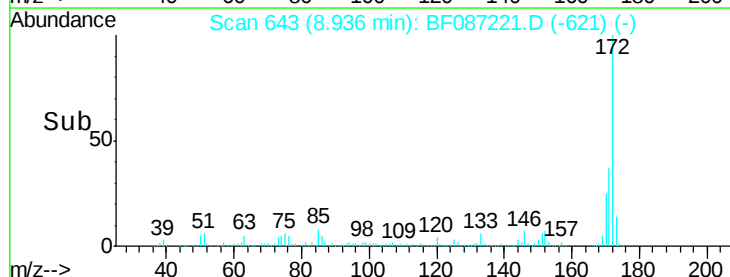
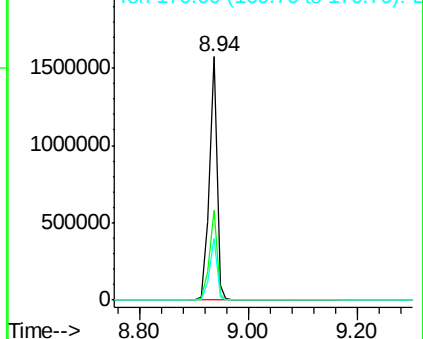


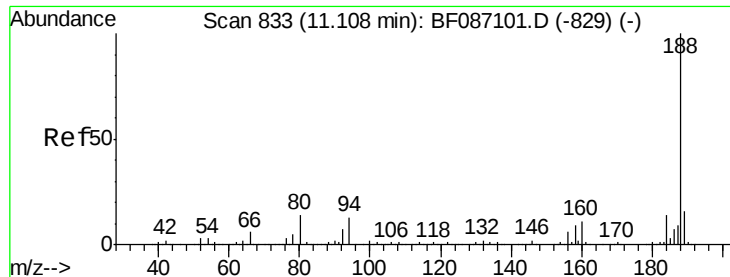
#44
 2-Fluorobiphenyl
 Concen: 102.57 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087221.D
 Acq: 20 May 2016 9:32

Tgt Ion:172 Resp: 1540794
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.2 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

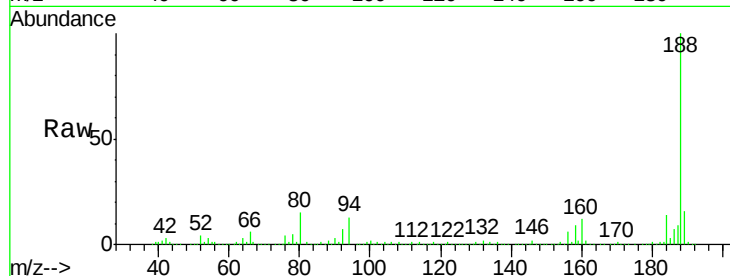




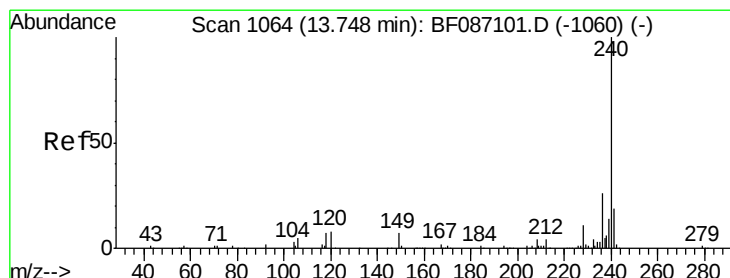
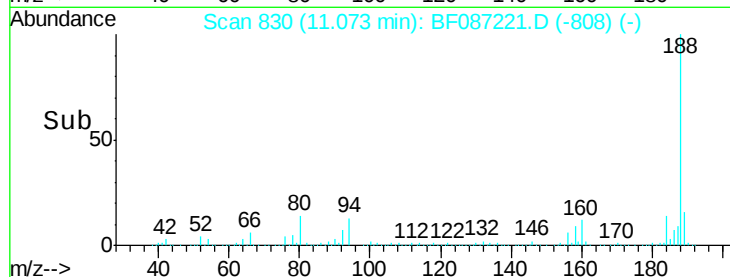
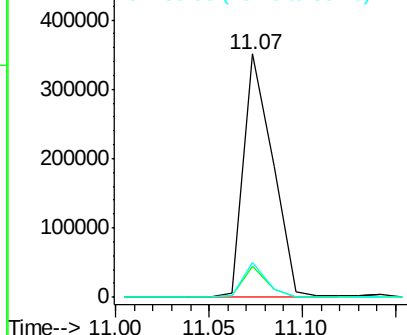
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087221.D
Acq: 20 May 2016 9:32

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:188 Resp: 383082
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.6 7.1 10.7#

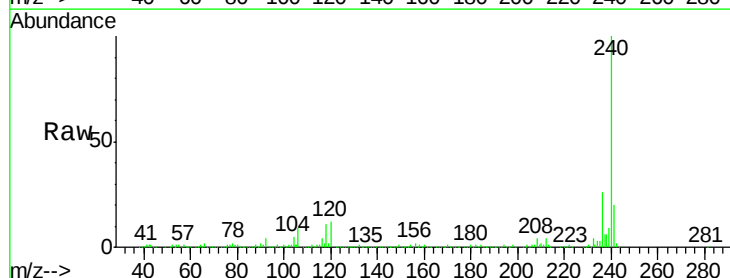


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

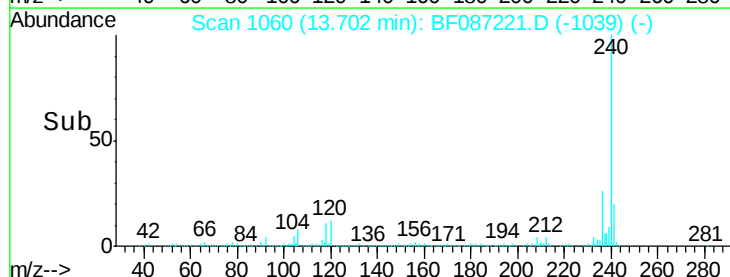
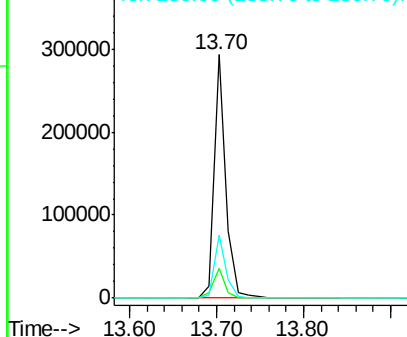


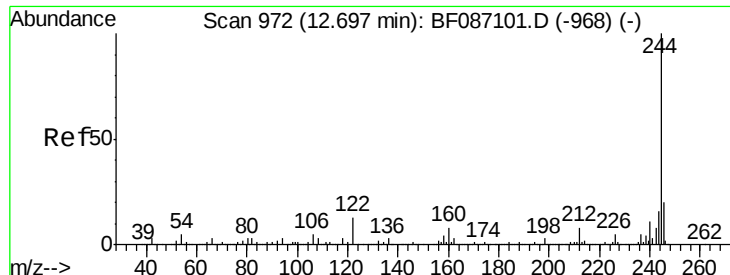
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087221.D
Acq: 20 May 2016 9:32

Tgt Ion:240 Resp: 278516
Ion Ratio Lower Upper
240 100
120 12.0 11.2 16.8
236 26.1 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: 77.72 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

Instrument :

BNA_F

ClientSampleId :

MW-10

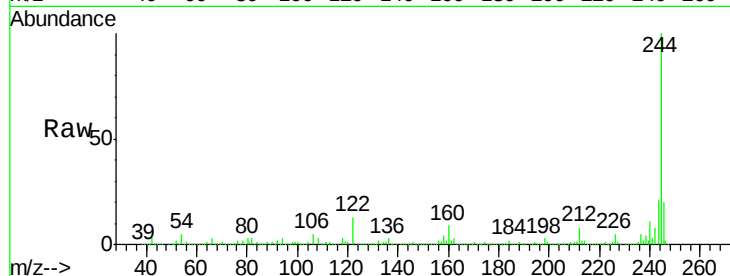
Tgt Ion:244 Resp: 956904

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

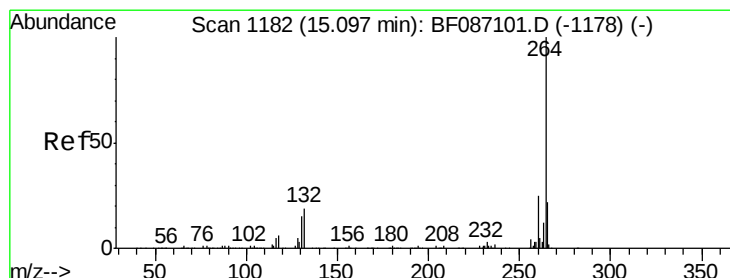
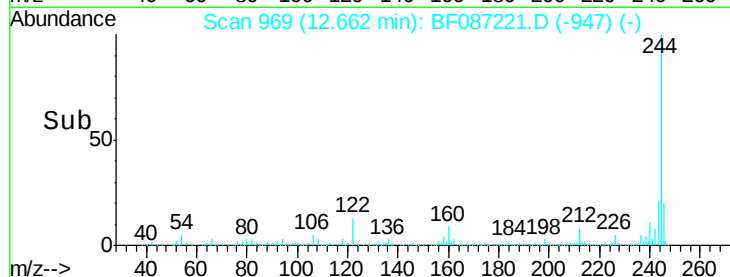
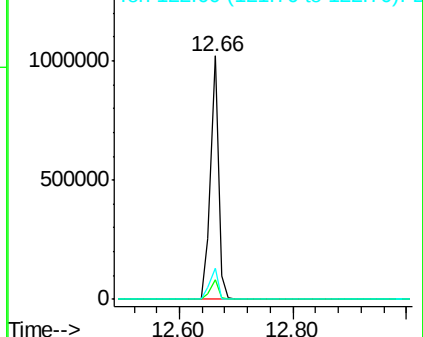
122 12.7 12.0 18.0



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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087221.D

Acq: 20 May 2016 9:32

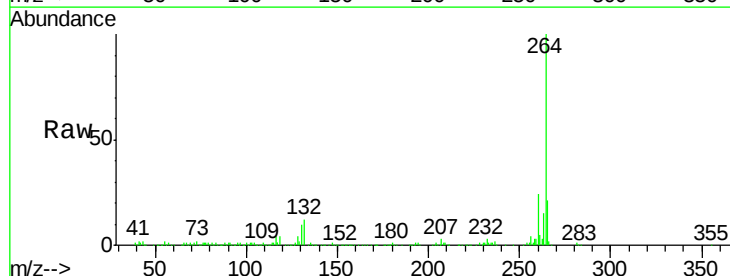
Tgt Ion:264 Resp: 252748

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 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

