

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087209.D
 Acq On : 20 May 2016 3:44
 Operator : UM/SJ
 Sample : H3121-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: May 20 04:15:58 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

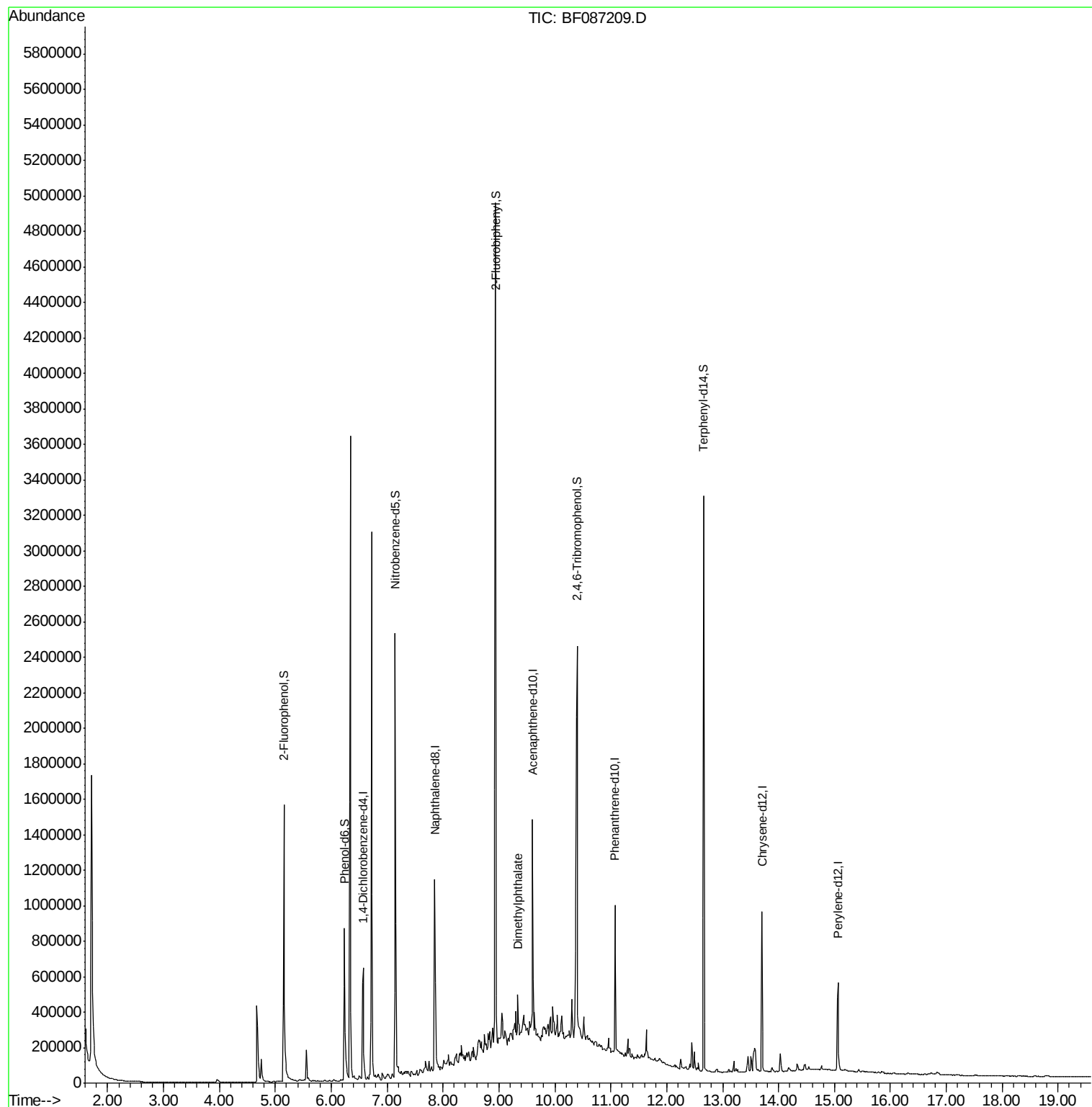
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	126810	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	508004	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	227481	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	378182	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	279856	20.00	ng	-0.01
86) Perylene-d12	15.06	264	252241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	500234	66.30	ng	0.01
7) Phenol-d6	6.24	99	400672	39.60	ng	0.00
23) Nitrobenzene-d5	7.14	82	884155	86.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	386021	153.56	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1361596	99.13	ng	0.00
78) Terphenyl-d14	12.66	244	919669	74.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.34	163	51132	2.95	ng	Qvalue 96

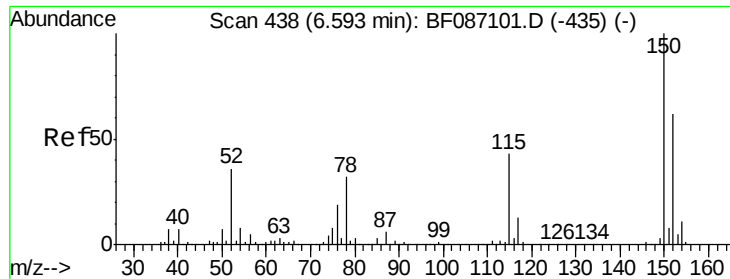
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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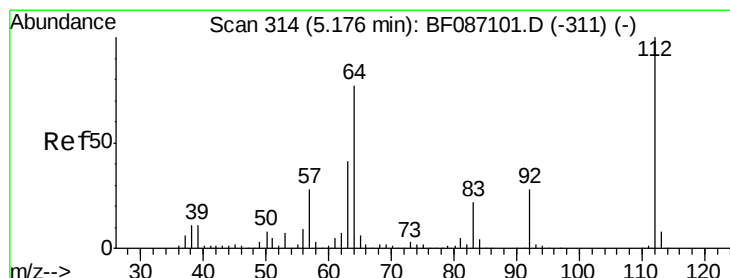
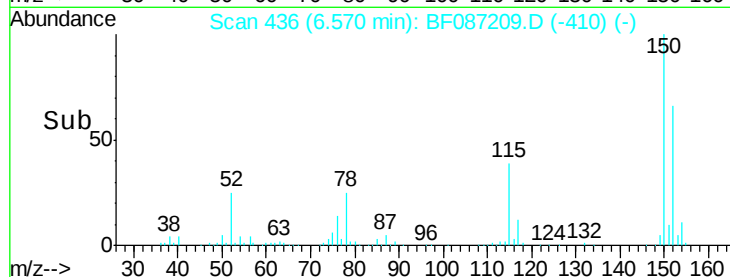
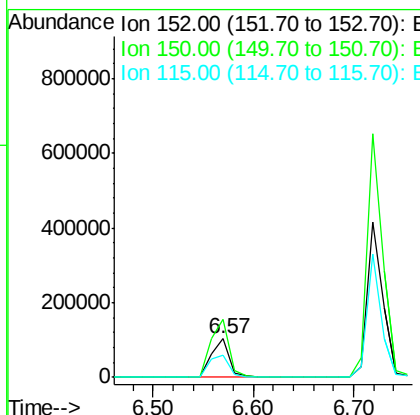
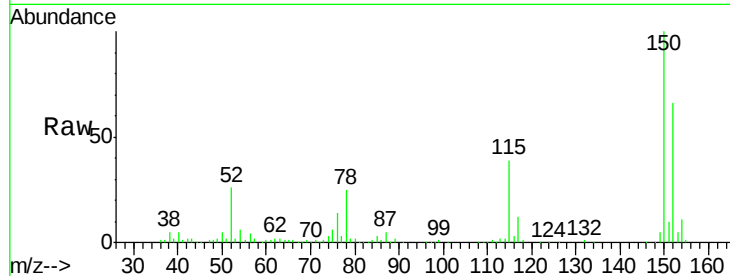




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

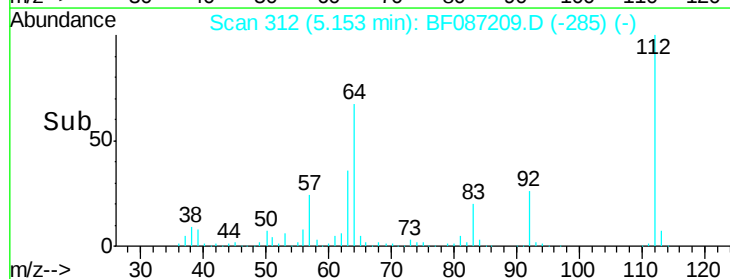
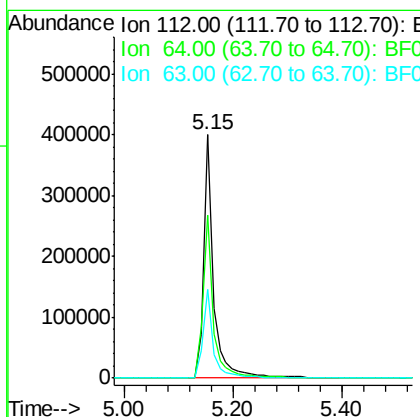
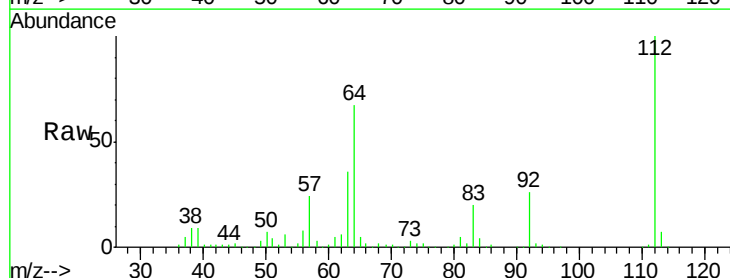
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:152 Resp: 126810
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.8 188.6
 115 58.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 66.30 ng
 RT: 5.15 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Tgt Ion:112 Resp: 500234
 Ion Ratio Lower Upper
 112 100
 64 66.7 52.1 78.1
 63 36.3 25.7 38.5





#7

Phenol-d6

Concen: 39.60 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

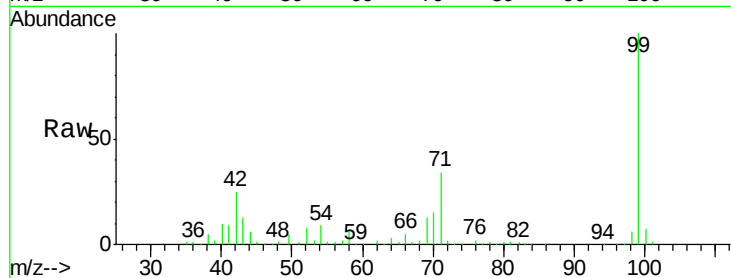
Tgt Ion: 99 Resp: 400672

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

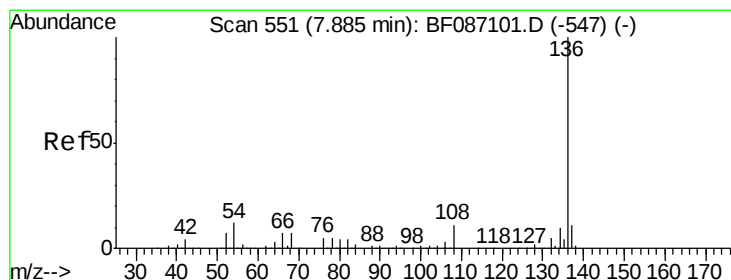
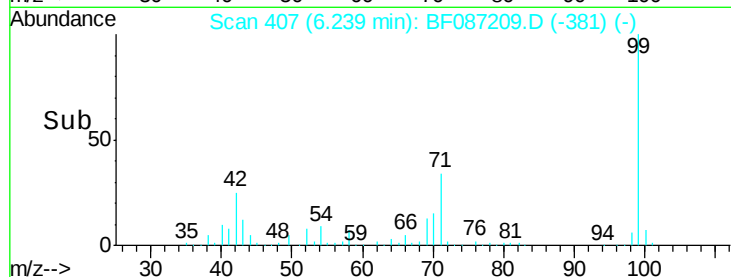
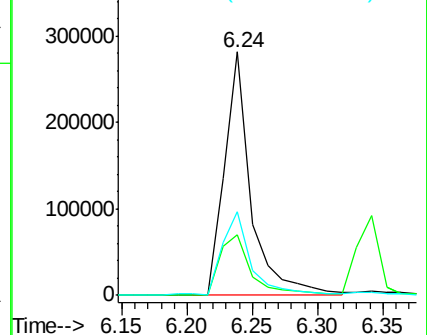
71 34.1 24.6 36.8



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: BF087209.D

Acq: 20 May 2016 3:44

Tgt Ion: 136 Resp: 508004

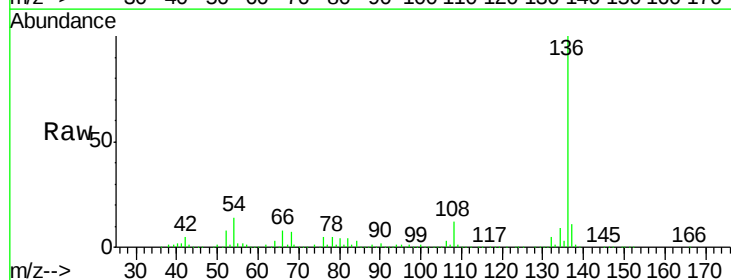
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.3 5.0 7.4#

68 7.4 4.4 6.6#

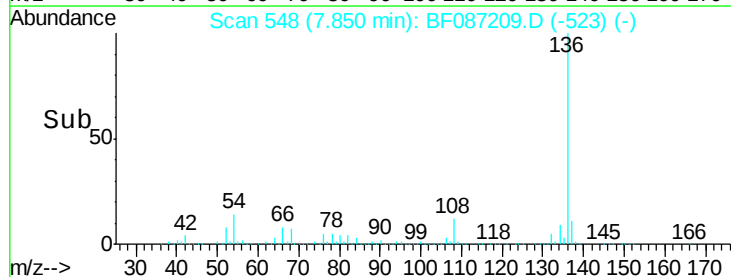
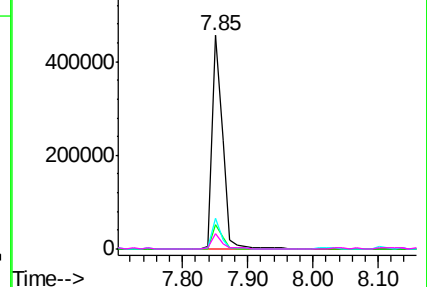


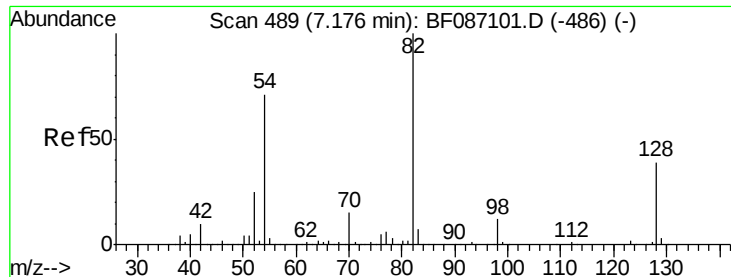
Abundance Ion 136.00 (135.70 to 136.70): E

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

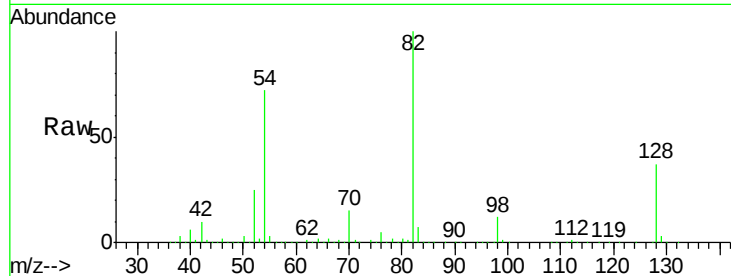




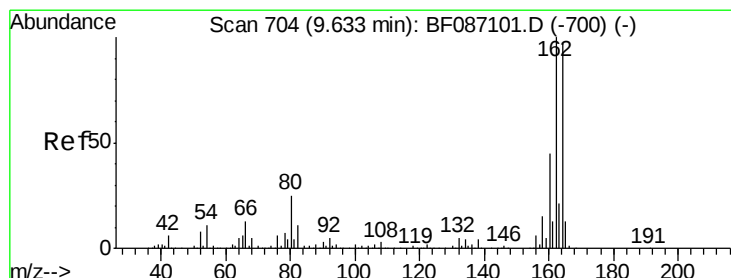
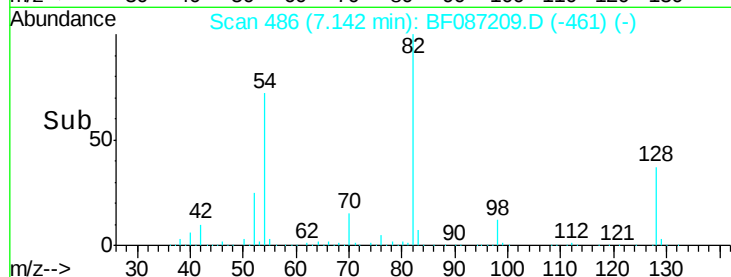
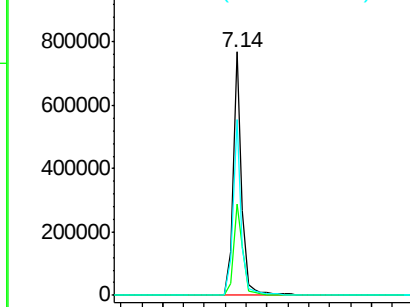
#23
Nitrobenzene-d5
Concen: 86.74 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 82 Resp: 884155
Ion Ratio Lower Upper
82 100
128 37.4 40.6 61.0#
54 72.2 38.1 57.1#

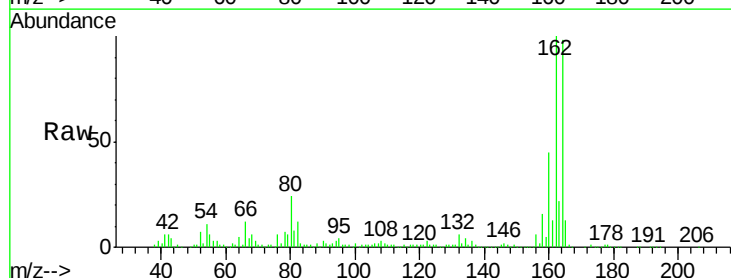


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

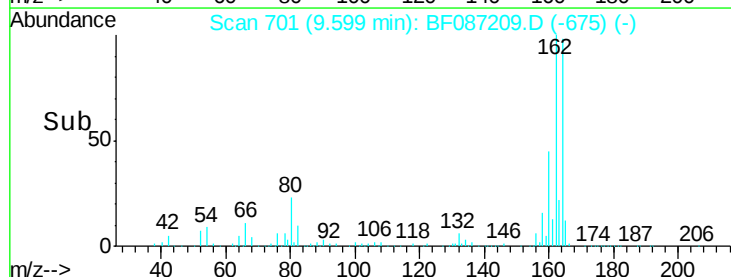
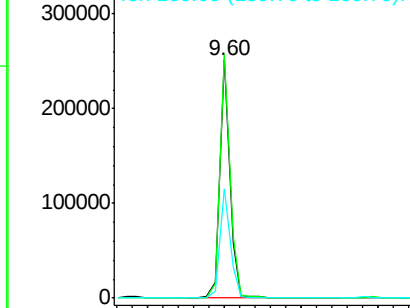


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Tgt Ion: 164 Resp: 227481
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.1 36.9 55.3



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

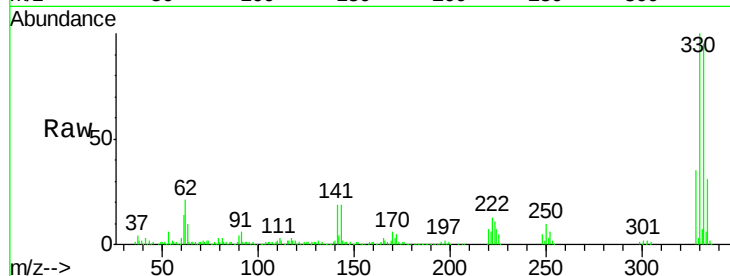




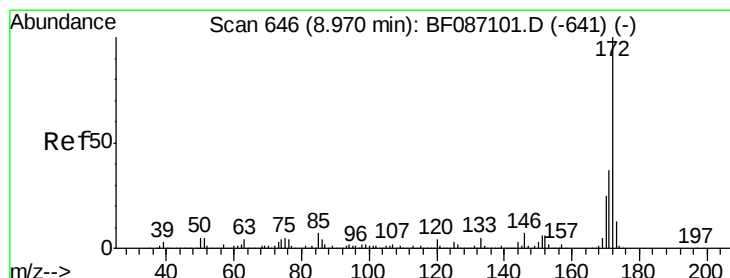
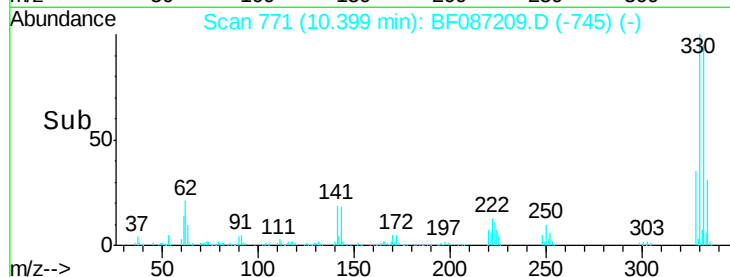
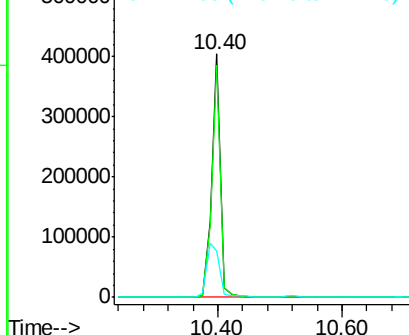
#41
 2,4,6-Tribromophenol
 Concen: 153.56 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Instrument :
 BNA_F
 ClientSampled :
 MW-20

Tgt Ion:330 Resp: 386021
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 31.7 31.2 46.8

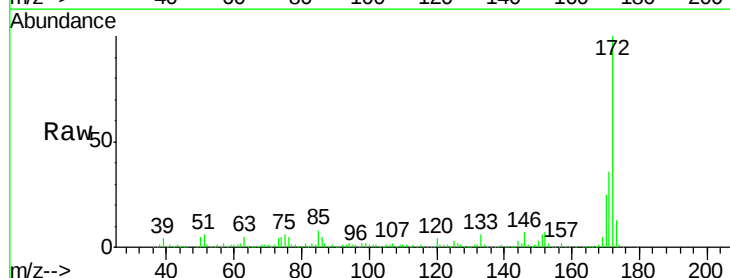


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

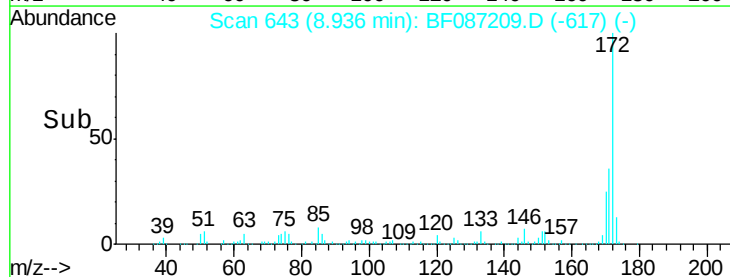
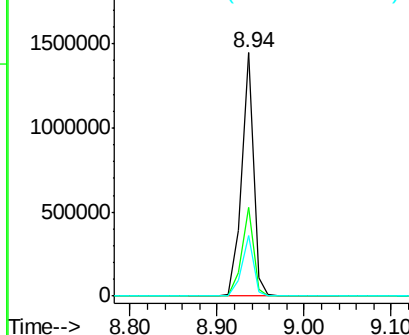


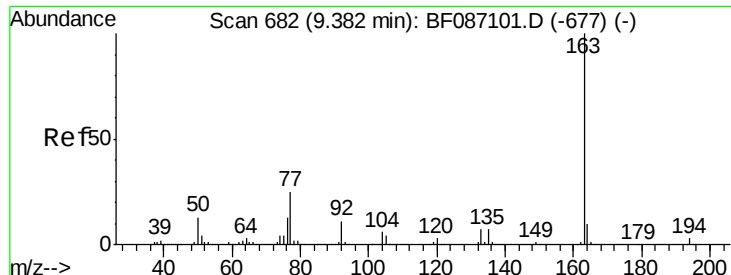
#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Tgt Ion:172 Resp: 1361596
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 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

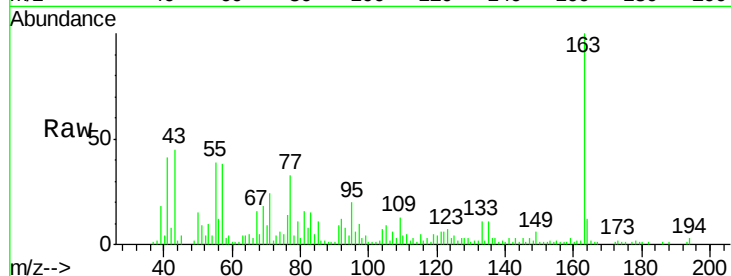




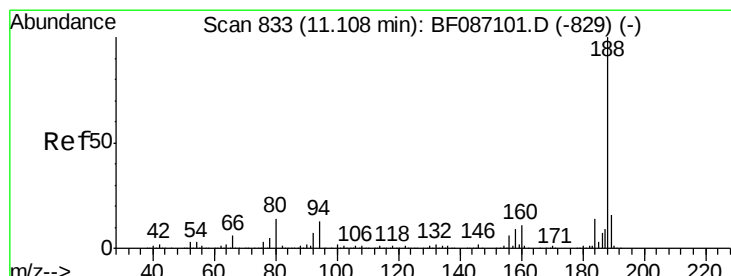
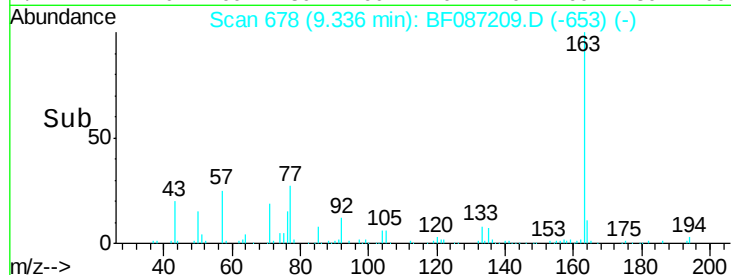
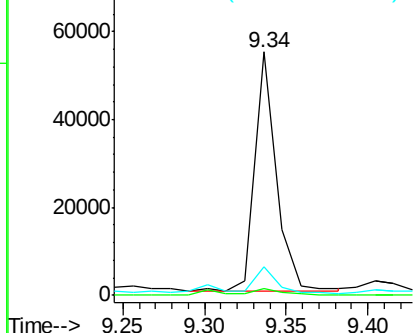
#49
Dimethylphthalate
Concen: 2.95 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:163 Resp: 51132
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 12.0 8.2 12.4

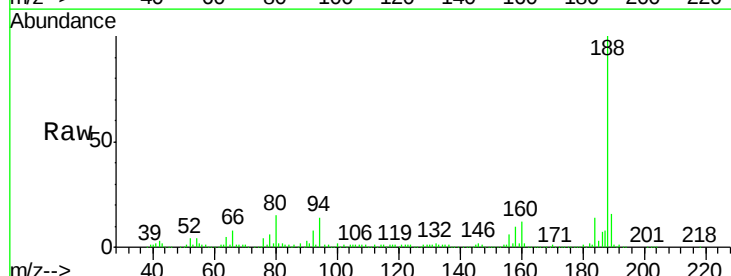


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

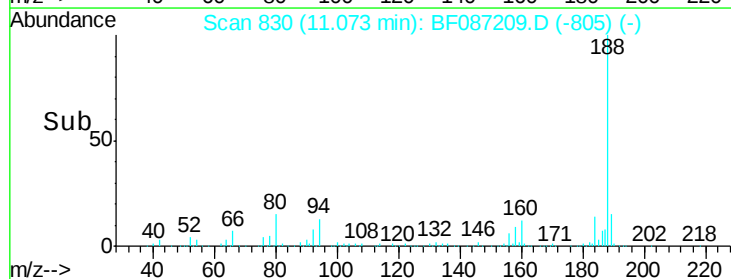
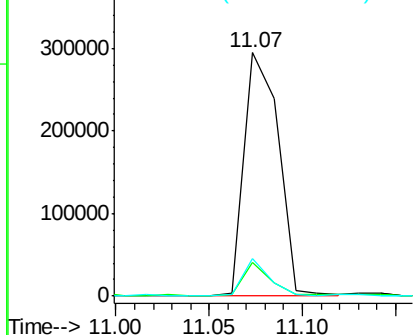


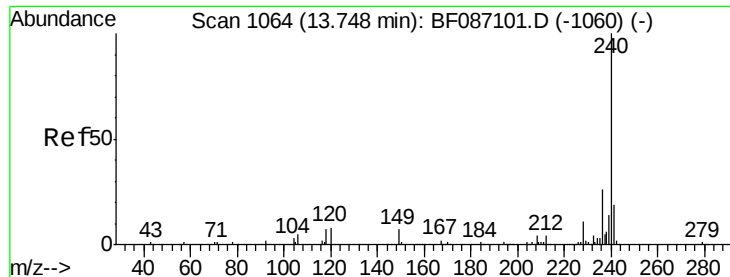
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Tgt Ion:188 Resp: 378182
Ion Ratio Lower Upper
188 100
94 13.8 6.8 10.2#
80 15.3 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: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

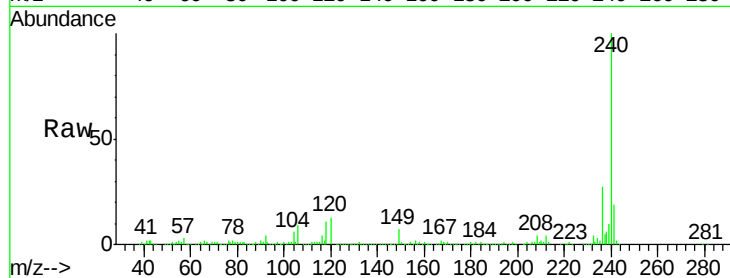
Tgt Ion:240 Resp: 279856

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

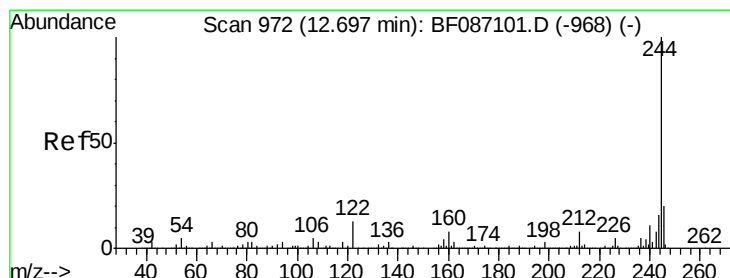
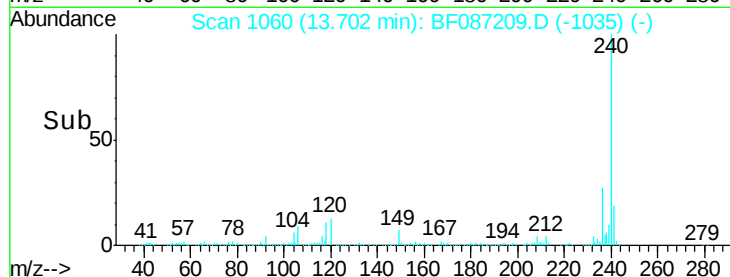
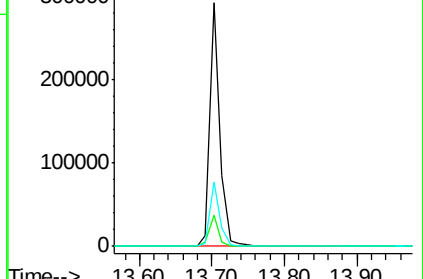
236 26.6 21.2 31.8



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: 74.34 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

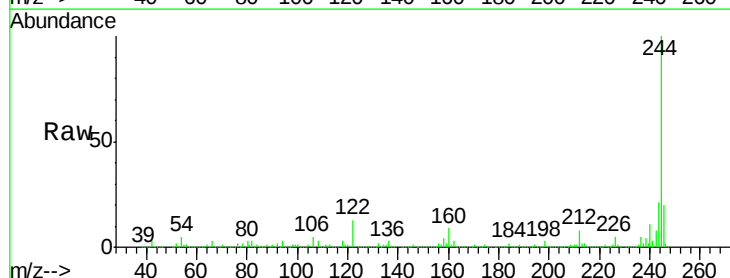
Tgt Ion:244 Resp: 919669

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

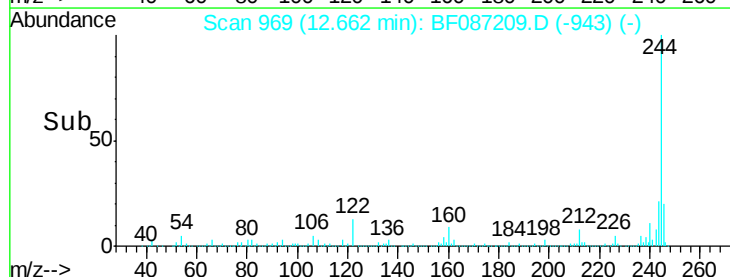
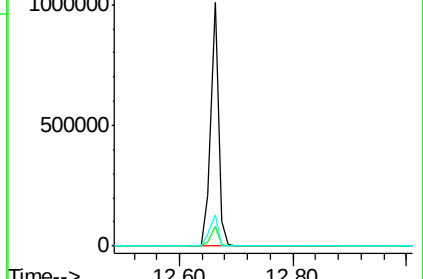
122 12.8 12.0 18.0

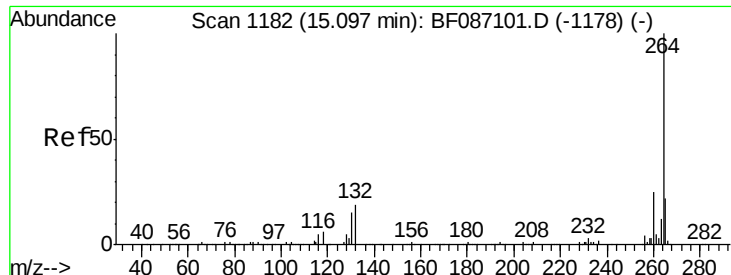


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

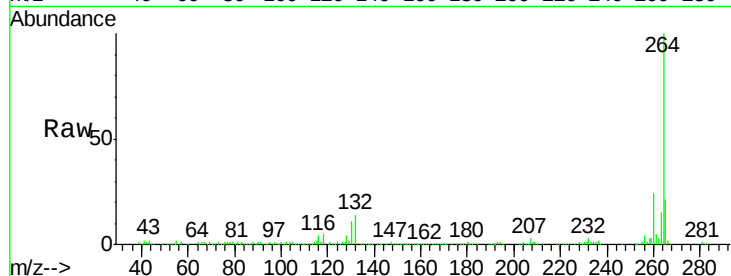




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	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

