

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086174.D
 Acq On : 8 Apr 2016 18:03
 Operator : UM/SJ
 Sample : H2343-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Apr 09 00:11:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

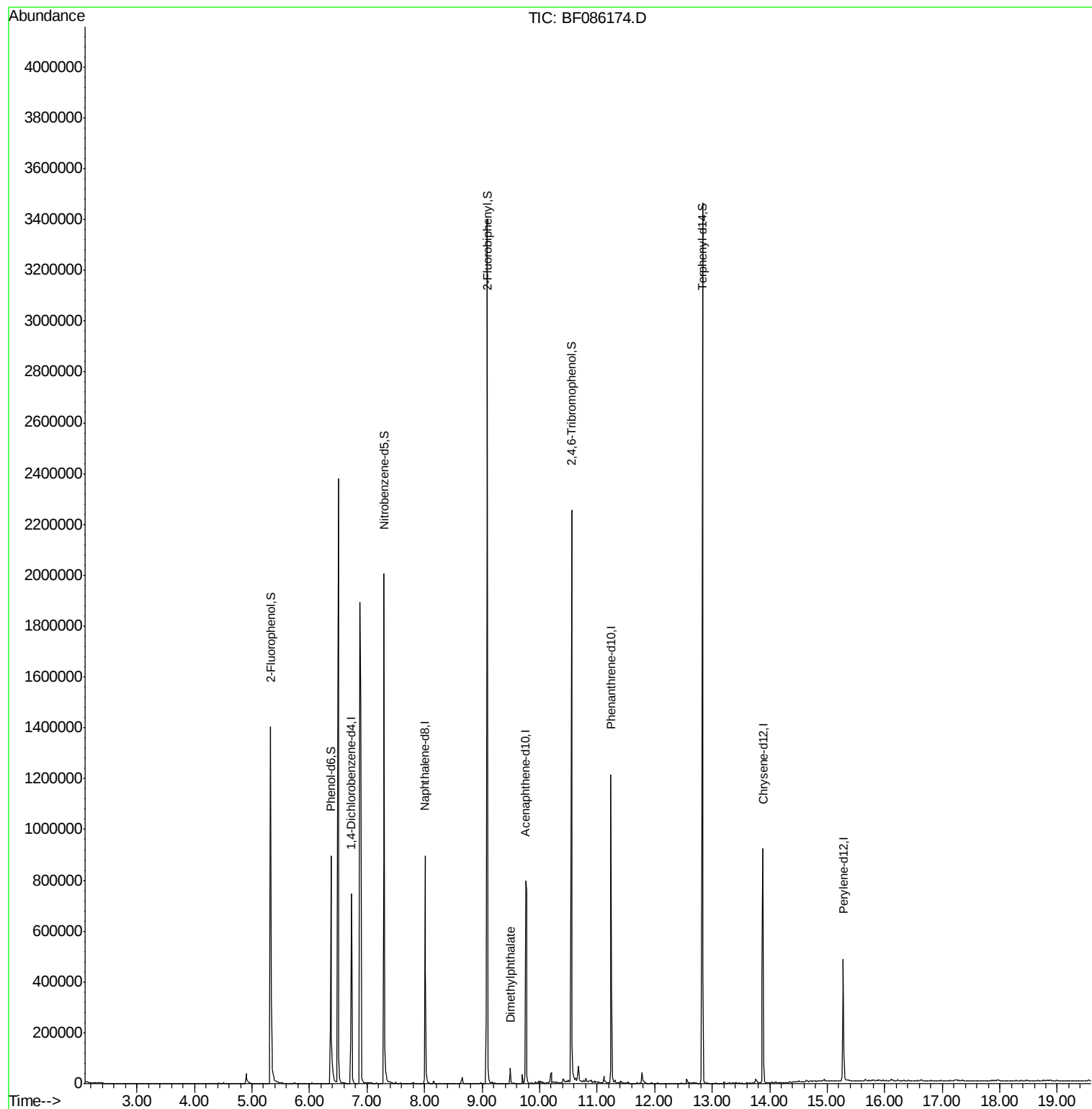
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121873	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	497271	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	237671	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	454133	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	356196	20.00	ng	-0.05
86) Perylene-d12	15.28	264	251229	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	480819	67.44	ng	-0.05
7) Phenol-d6	6.37	99	399944	44.16	ng	-0.05
23) Nitrobenzene-d5	7.30	82	783699	92.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	314377	140.93	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1387934	97.10	ng	-0.05
78) Terphenyl-d14	12.83	244	1156464	76.32	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.49	163	35847	2.03	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: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

Instrument :

BNA_F

ClientSampleId :

MW-3

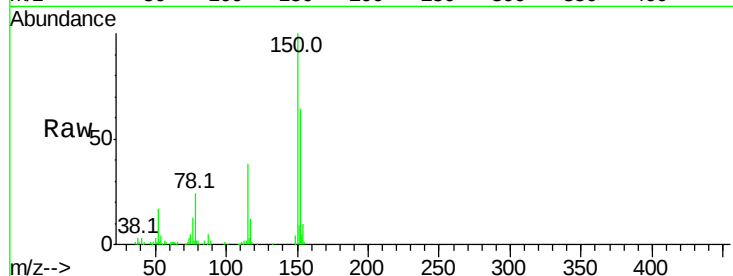
Tot Ion:152 Resp: 121873

Ion Ratio Lower Upper

152 100

150 156.8 124.2 186.2

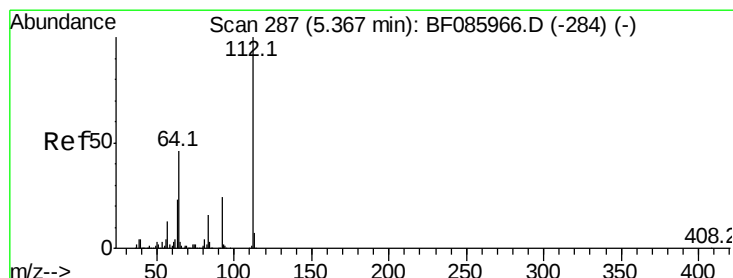
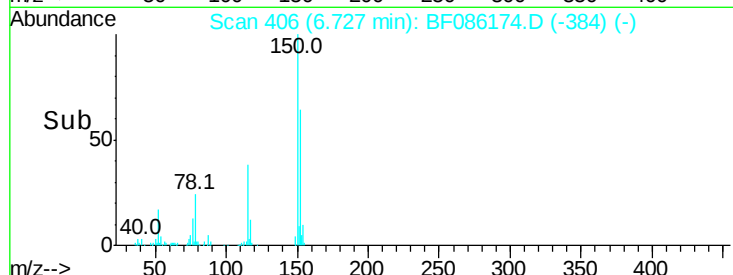
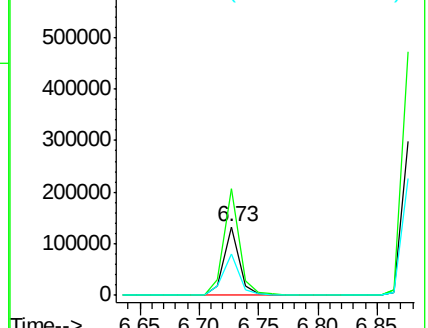
115 60.1 47.0 70.6



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: 67.44 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

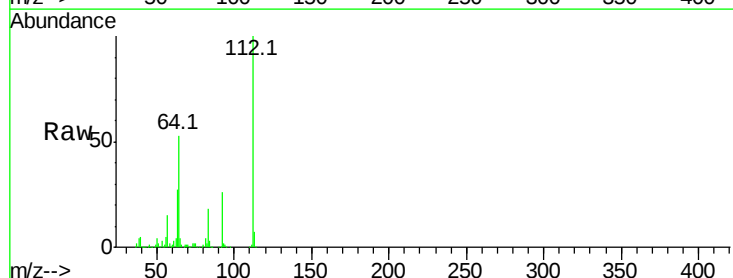
Tgt Ion:112 Resp: 480819

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

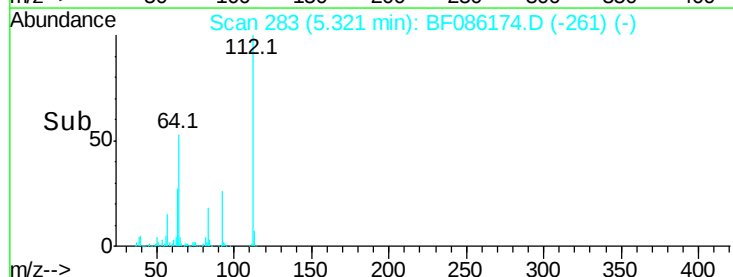
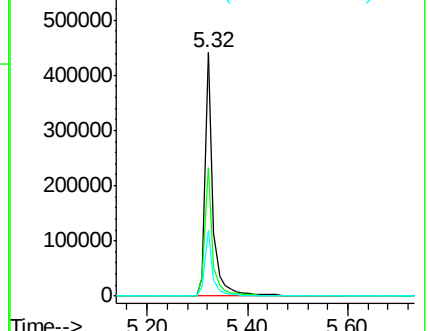
63 26.9 20.2 30.2



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: 44.16 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

Instrument :

BNA_F

ClientSampleId :

MW-3

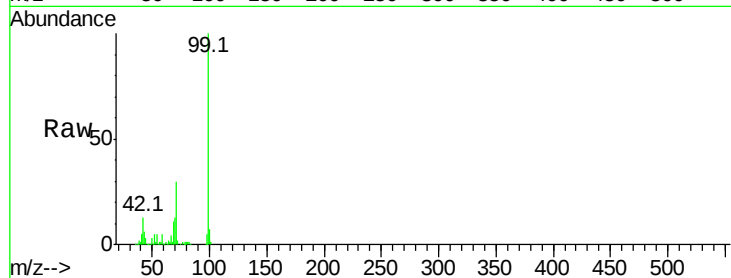
Tot Ion: 99 Resp: 399944

Ion Ratio Lower Upper

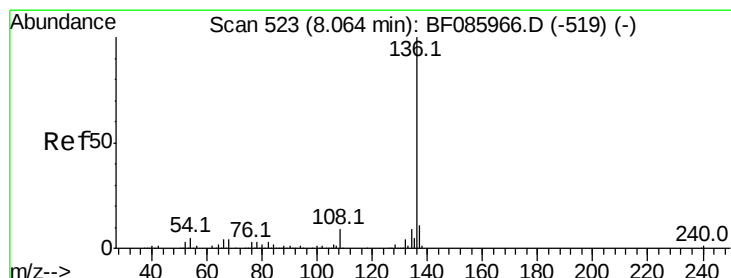
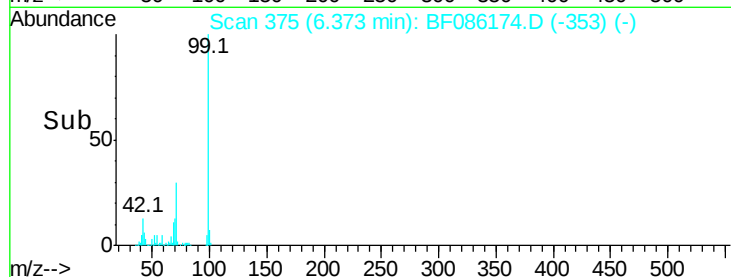
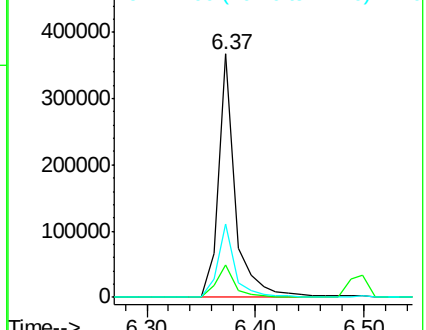
99 100

42 13.4 11.1 16.7

71 30.1 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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

Tgt Ion: 136 Resp: 497271

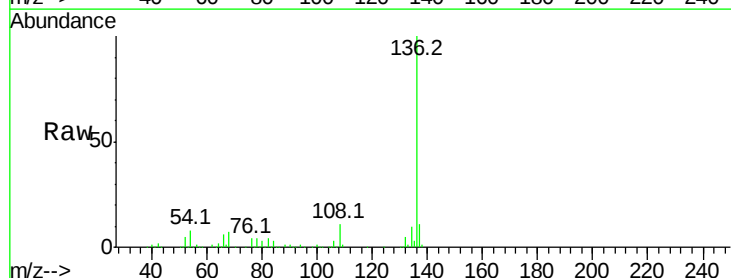
Ion Ratio Lower Upper

136 100

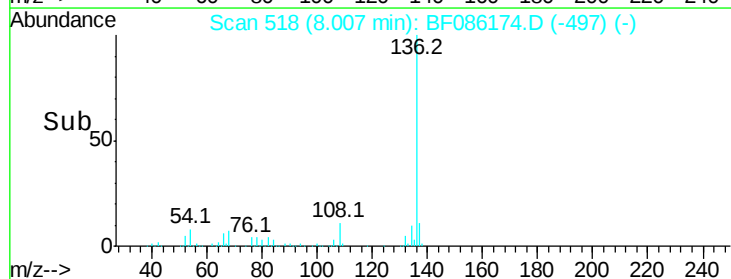
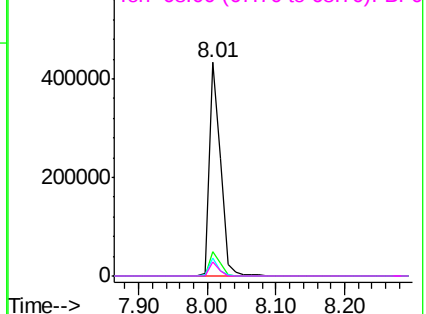
137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.7 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

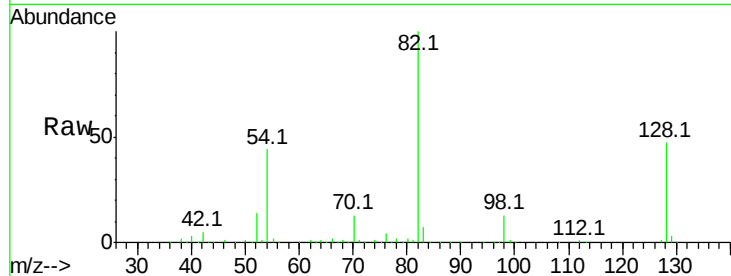




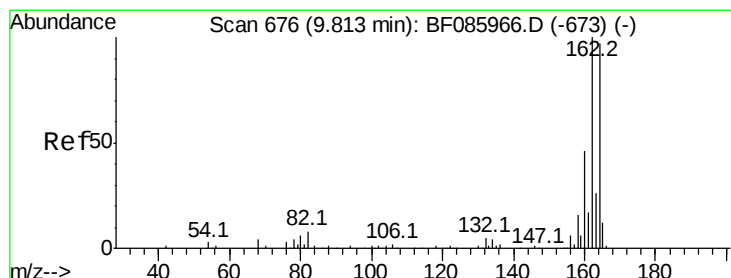
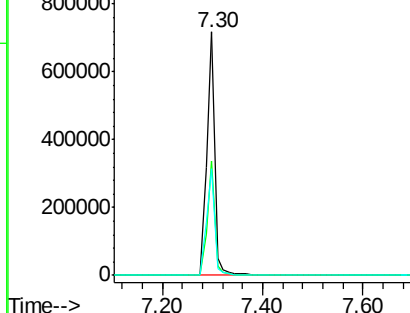
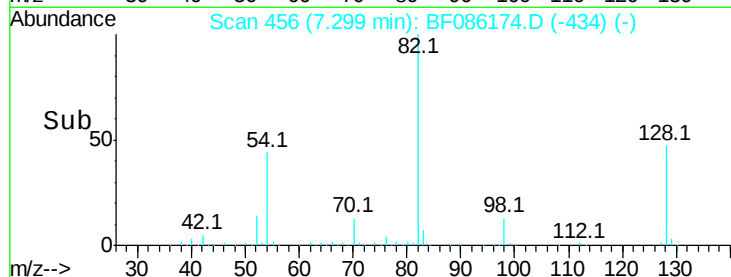
#23
Nitrobenzene-d5
Concen: 92.94 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampled :
MW-3

Tot Ion: 82 Resp: 783699
Ion Ratio Lower Upper
82 100
128 47.1 41.8 62.8
54 43.8 33.4 50.0

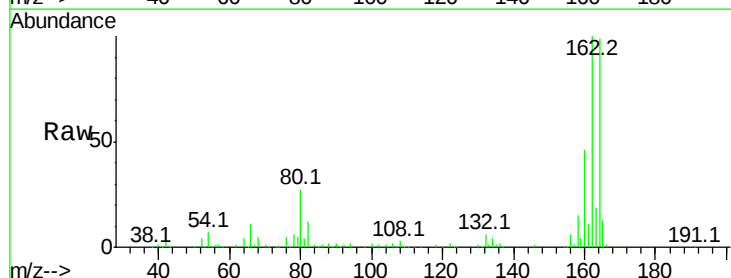


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

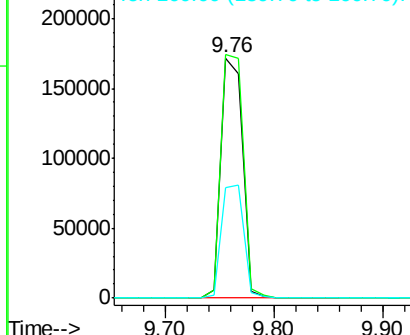
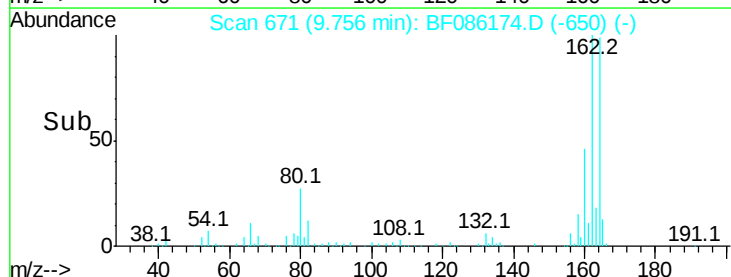


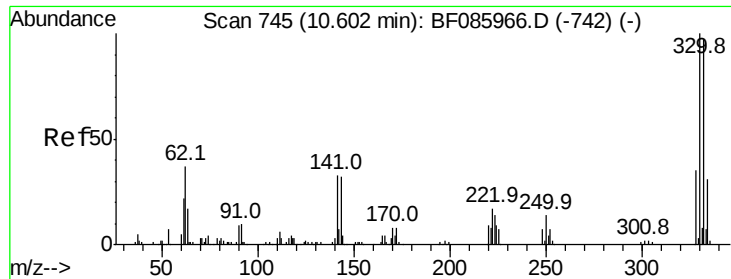
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:164 Resp: 237671
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 46.3 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

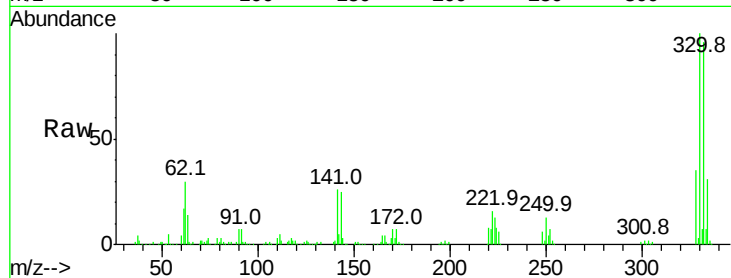




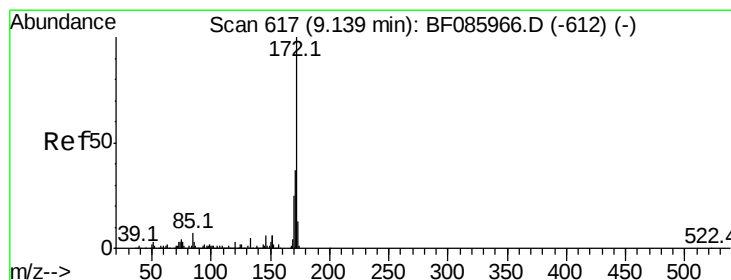
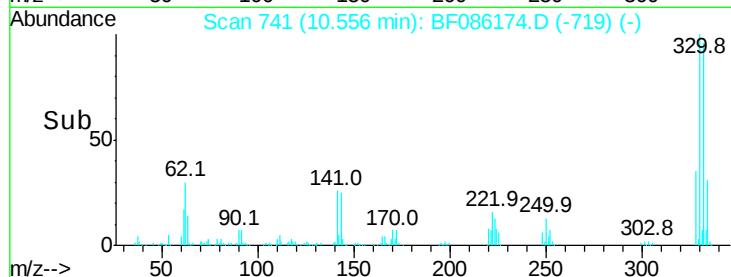
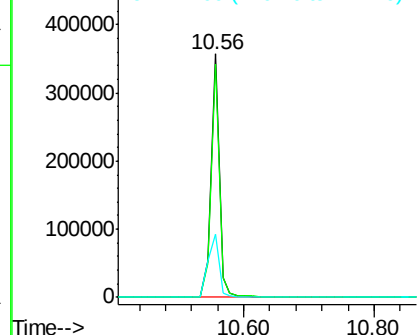
#41
 2,4,6-Tribromophenol
 Concen: 140.93 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086174.D
 Acq: 8 Apr 2016 18:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	34.6	31.5	47.3

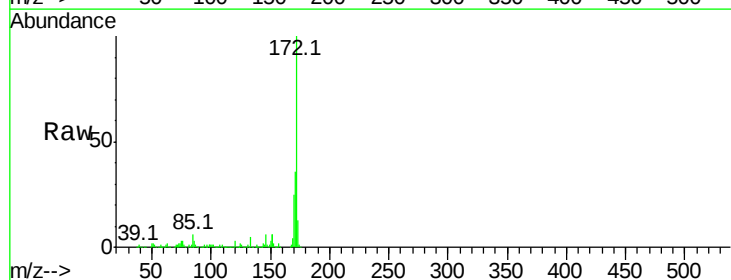


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

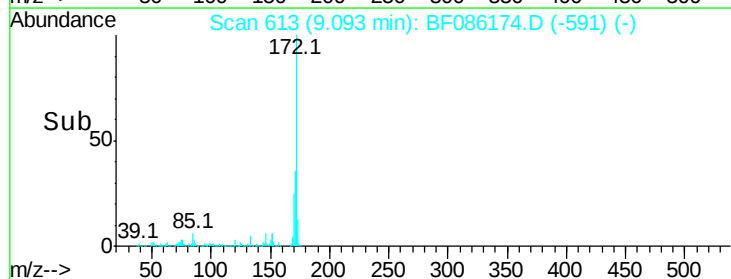
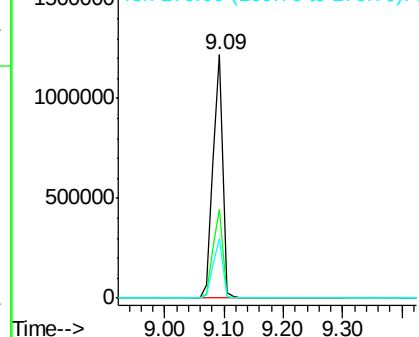


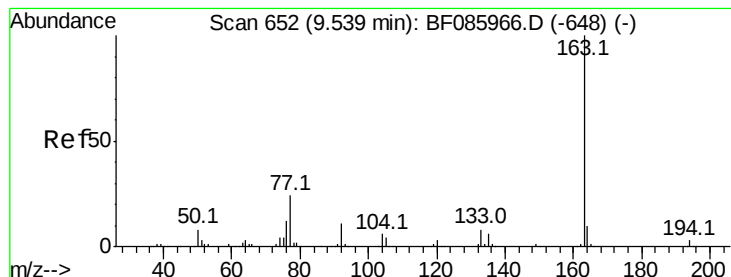
#44
 2-Fluorobiphenyl
 Concen: 97.10 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086174.D
 Acq: 8 Apr 2016 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	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: 2.03 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

Instrument :

BNA_F

ClientSampleId :

MW-3

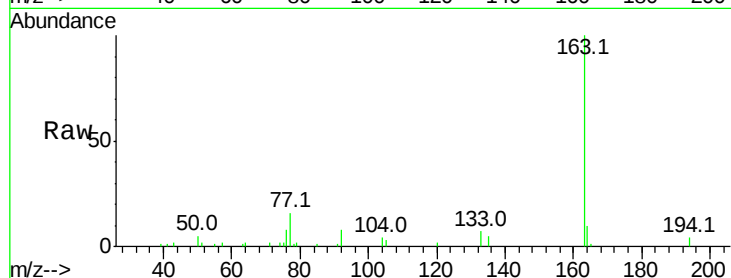
Tot Ion:163 Resp: 35847

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

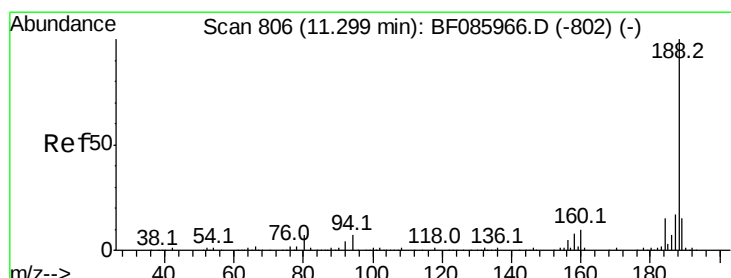
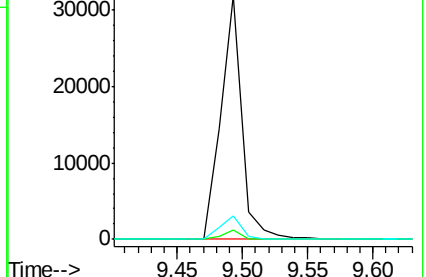
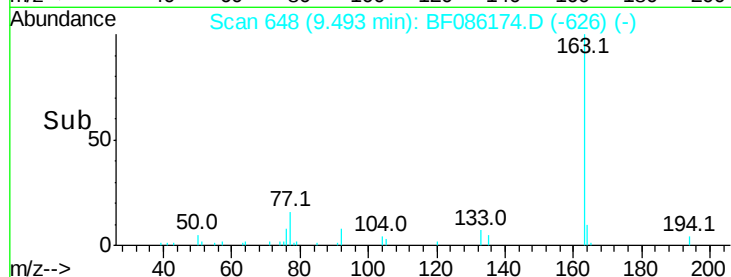
164 9.8 8.3 12.5



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: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

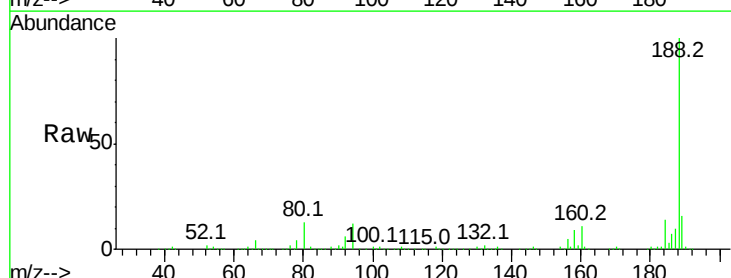
Tgt Ion:188 Resp: 454133

Ion Ratio Lower Upper

188 100

94 11.6 5.4 8.0#

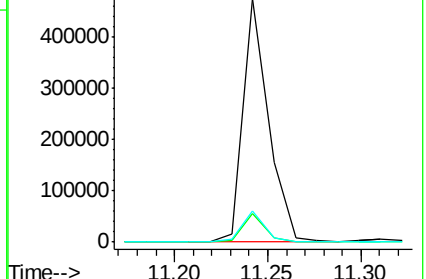
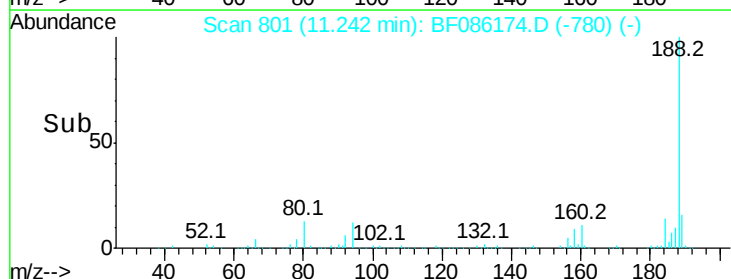
80 12.7 5.5 8.3#

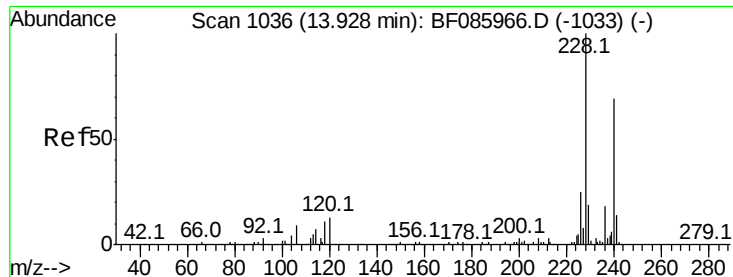


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

Instrument :

BNA_F

ClientSampleId :

MW-3

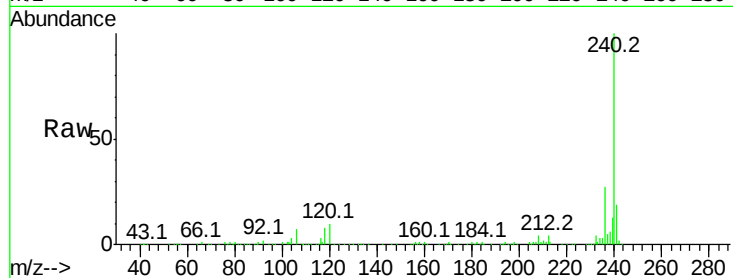
Tot Ion:240 Resp: 356196

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

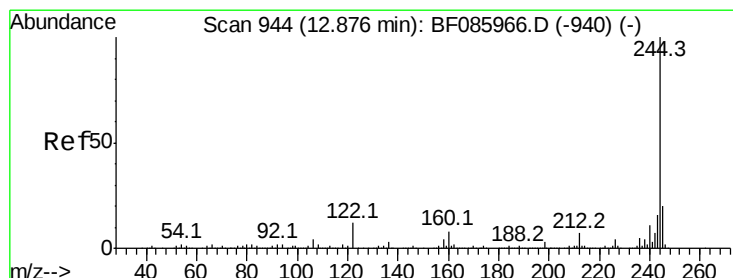
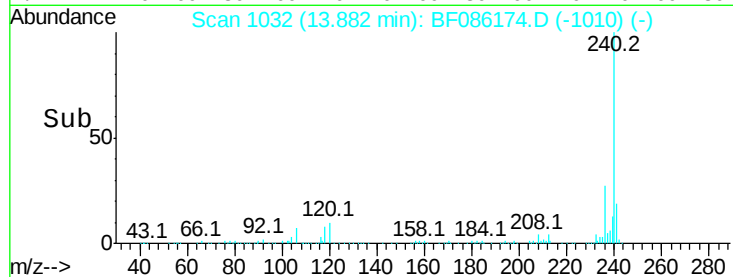
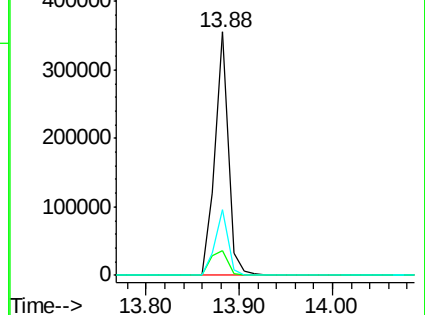
236 27.1 20.6 30.8



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: 76.32 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086174.D

Acq: 8 Apr 2016 18:03

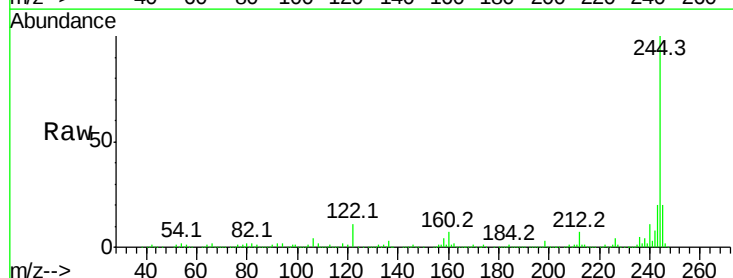
Tgt Ion:244 Resp: 1156464

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

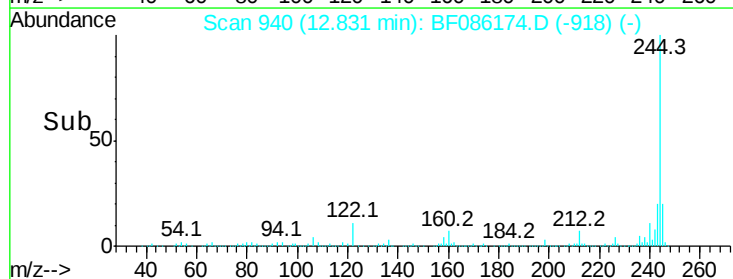
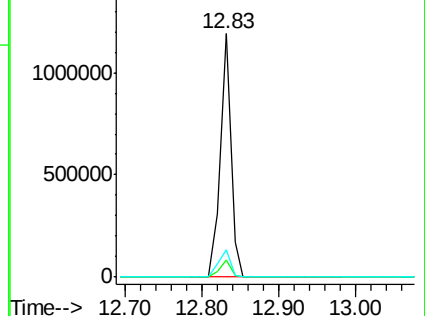
122 11.2 10.2 15.4

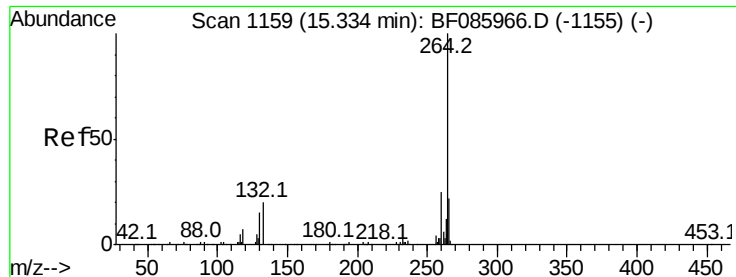


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

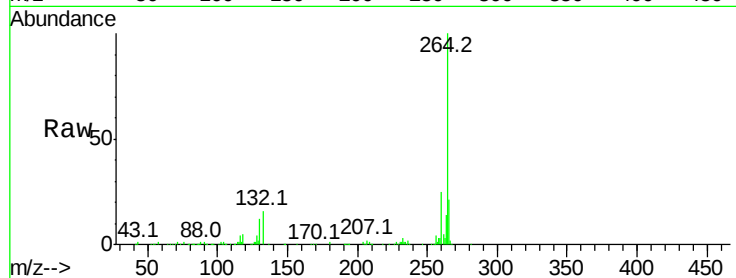




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086174.D
 Acq: 8 Apr 2016 18:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.1	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

