

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086134.D
 Acq On : 7 Apr 2016 16:14
 Operator : UM/SJ
 Sample : H2230-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

Quant Time: Apr 08 02:27:26 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	6.74	152	112563	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	451396	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	212854	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	375600	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	307024	20.00	ng	-0.03
86) Perylene-d12	15.29	264	208208	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	488903	74.24	ng	-0.03
7) Phenol-d6	6.38	99	378701	45.27	ng	-0.03
23) Nitrobenzene-d5	7.31	82	851159	111.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	308413	154.37	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1395999	109.05	ng	-0.03
78) Terphenyl-d14	12.84	244	1062688	81.36	ng	-0.03

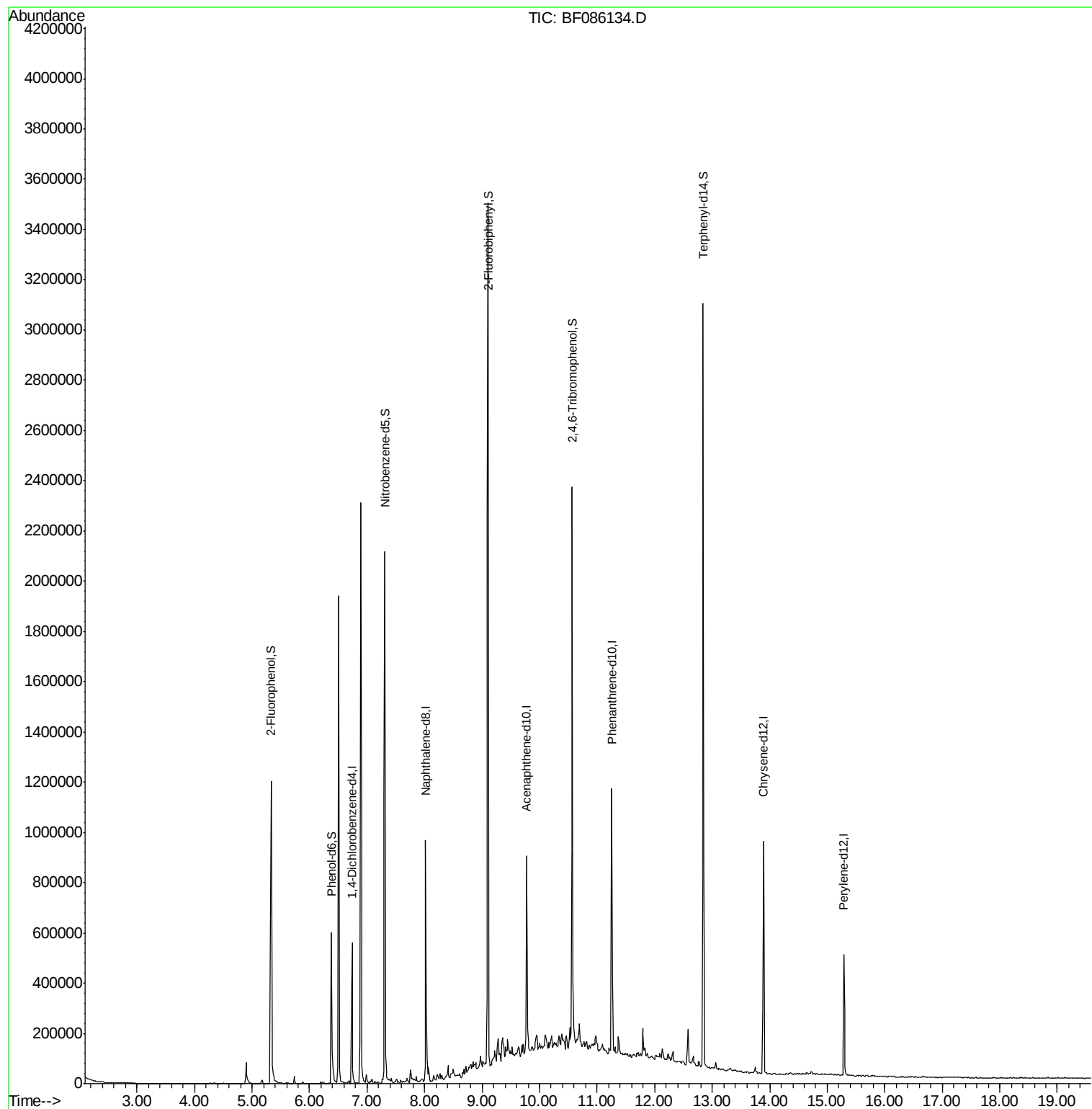
Target Compounds Qvalue

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

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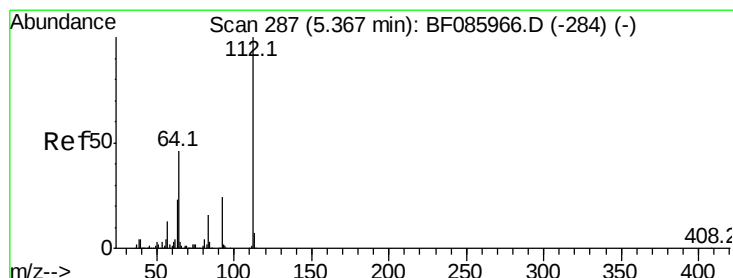
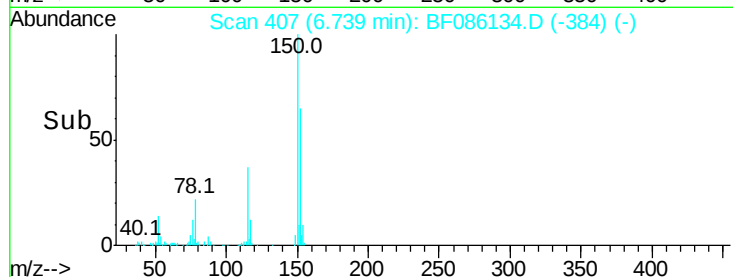
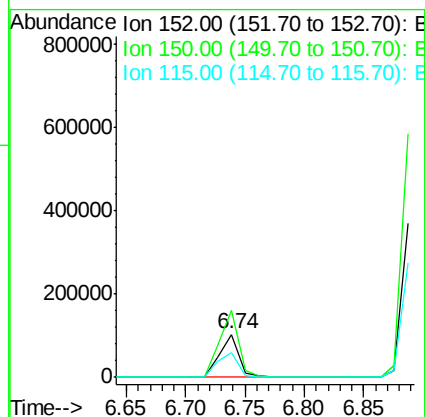
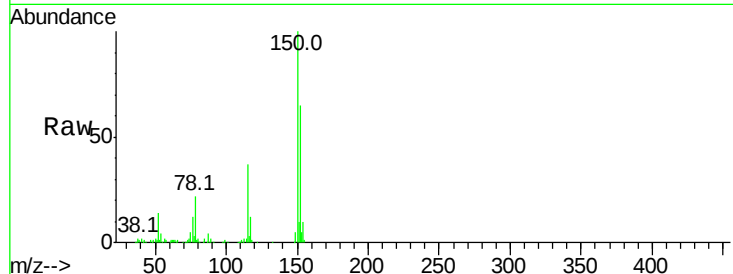


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Instrument :
BNA_F
ClientSampleId :
MW-3-040116

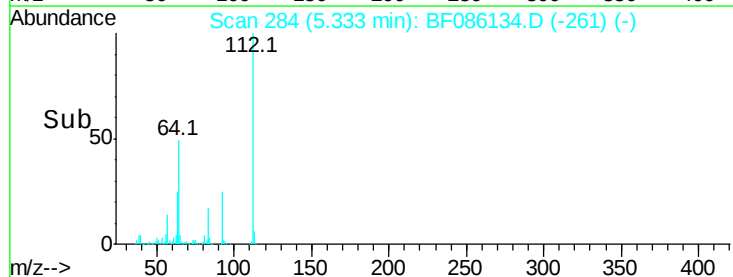
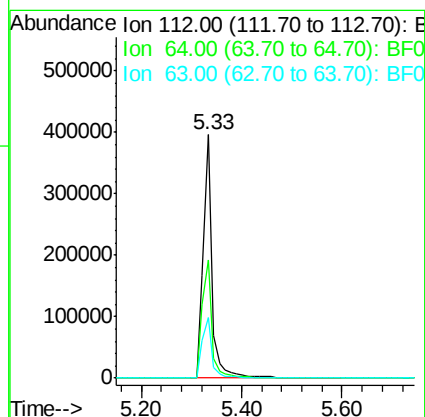
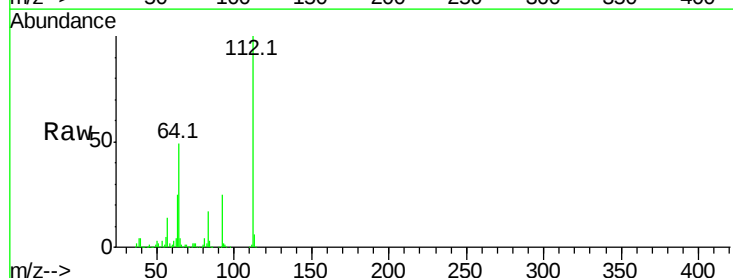
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	56.8	47.0	70.6

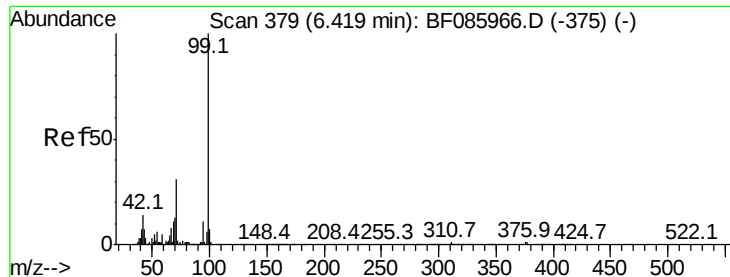


#5

2-Fluorophenol
Concen: 74.24 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.7	39.9	59.9
63	24.6	20.2	30.2





#7

Phenol-d6

Concen: 45.27 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Instrument :

BNA_F

ClientSampleId :

MW-3-040116

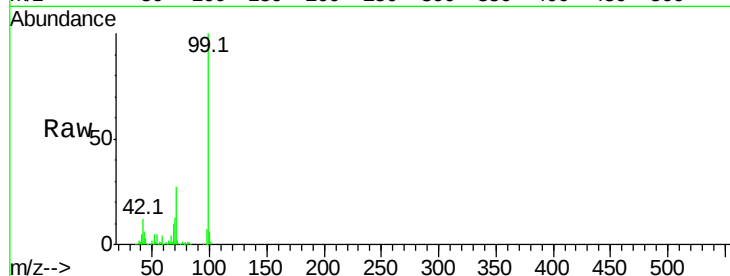
Tot Ion: 99 Resp: 378701

Ion Ratio Lower Upper

99 100

42 12.0 11.1 16.7

71 27.2 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

300000

250000

200000

150000

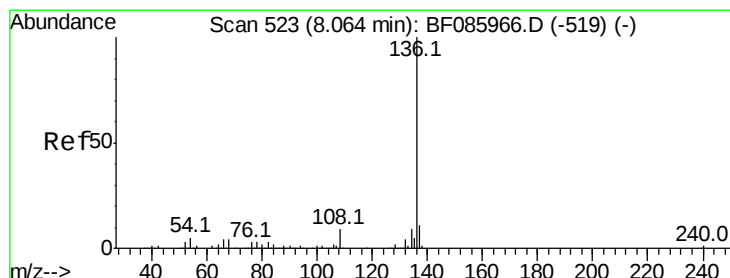
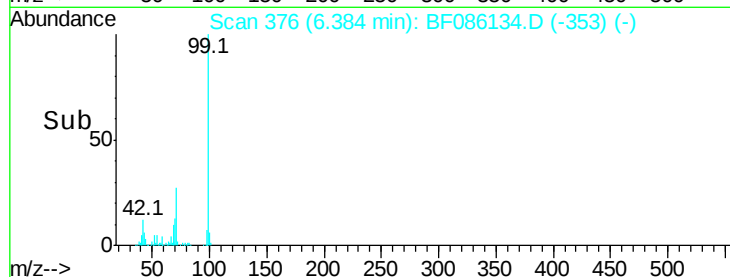
100000

50000

0

6.30 6.40 6.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Tgt Ion: 136 Resp: 451396

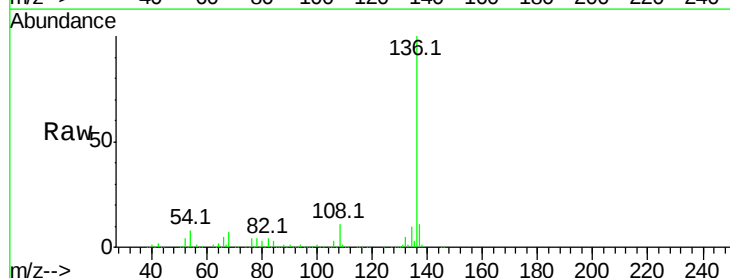
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 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

600000

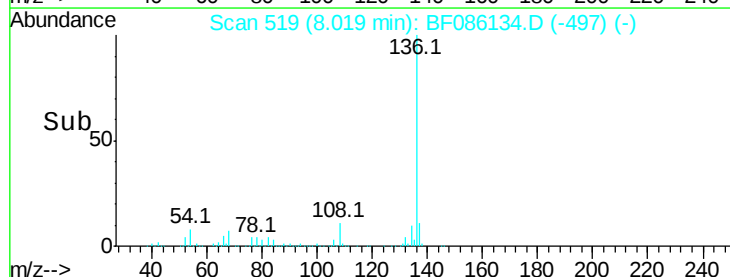
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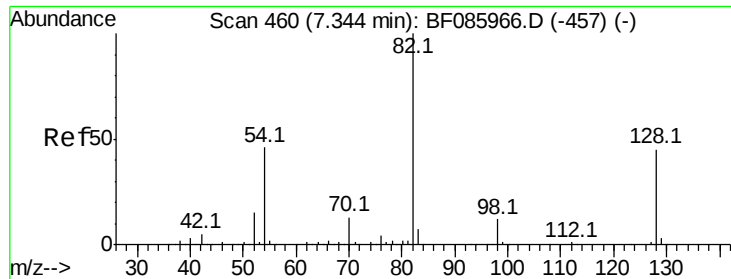
200000

0

7.90 8.00 8.10 8.20

Time-->

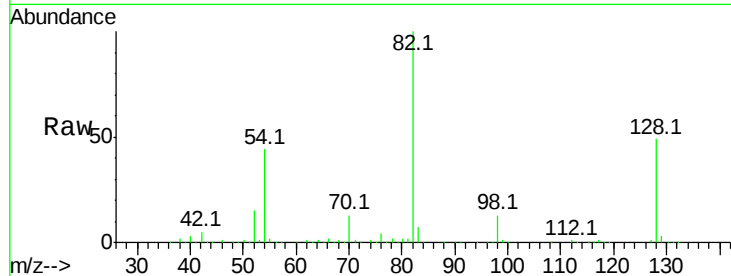




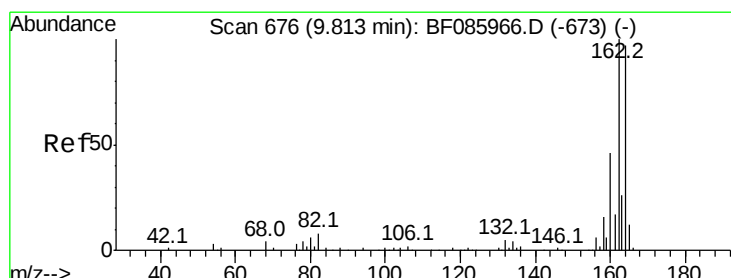
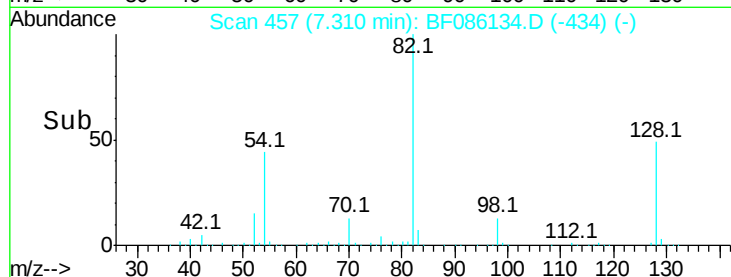
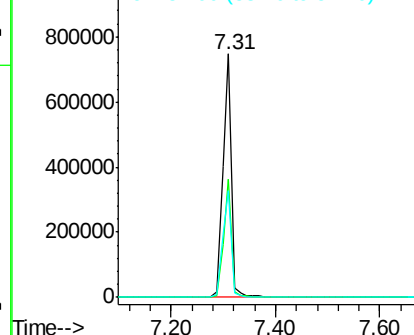
#23
Nitrobenzene-d5
Concen: 111.20 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Instrument :
BNA_F
ClientSampleId :
MW-3-040116

Tot Ion: 82 Resp: 851159
Ion Ratio Lower Upper
82 100
128 48.5 41.8 62.8
54 43.8 33.4 50.0

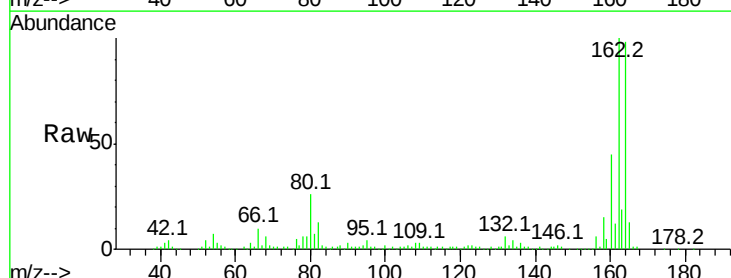


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

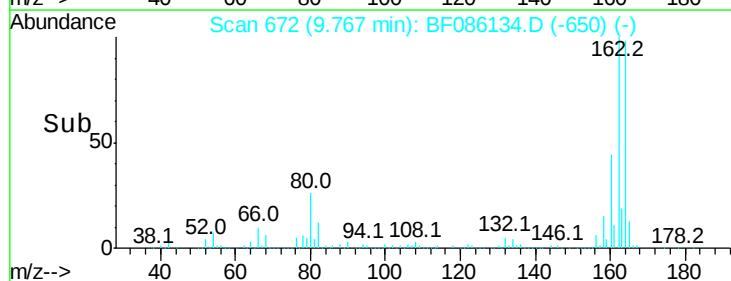
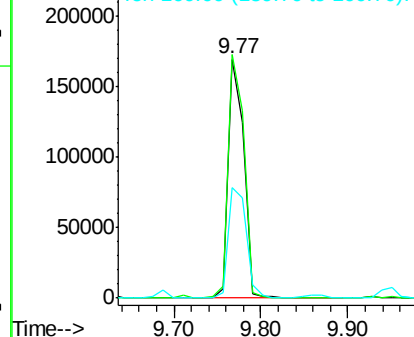


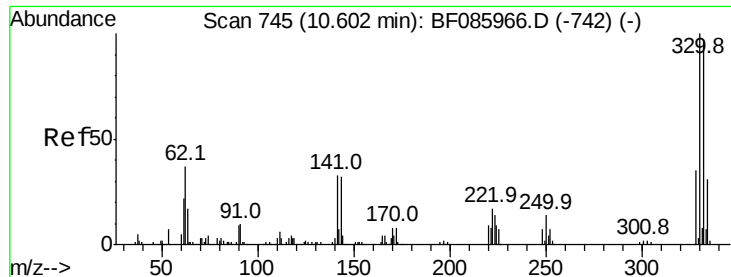
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Tgt Ion:164 Resp: 212854
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 46.4 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

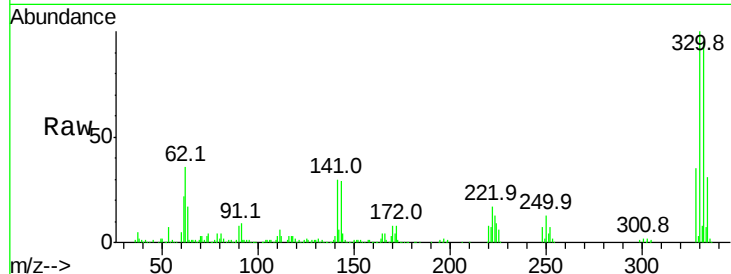




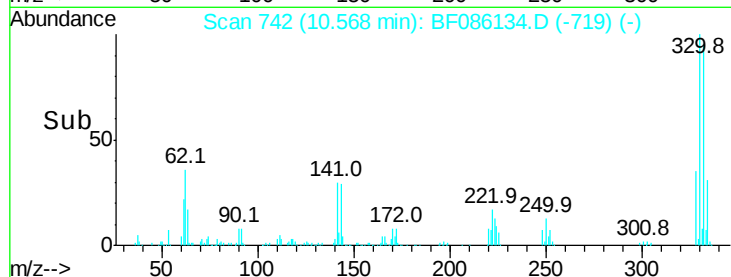
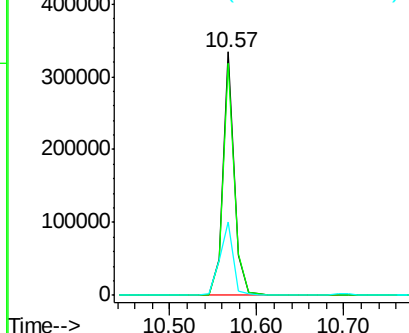
#41
 2,4,6-Tribromophenol
 Concen: 154.37 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	35.1	31.5	47.3

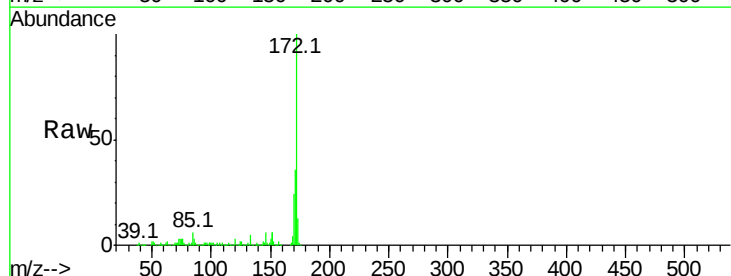


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

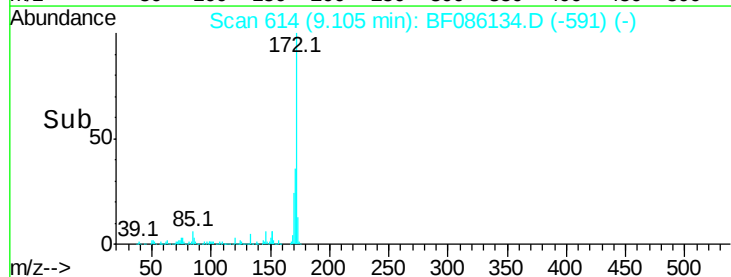
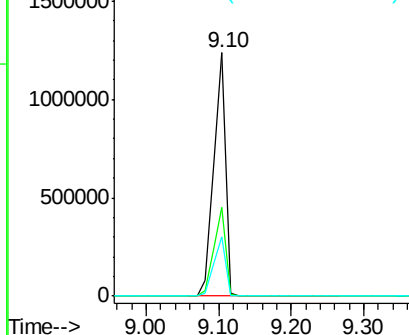


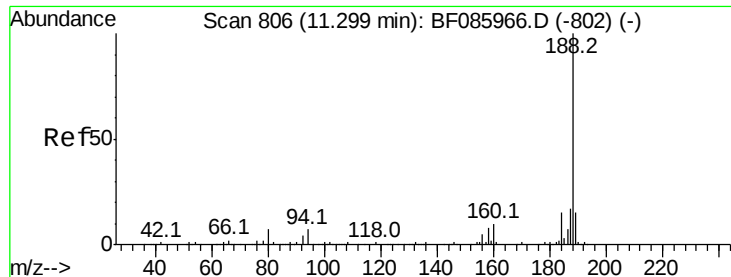
#44
 2-Fluorobiphenyl
 Concen: 109.05 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.5	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

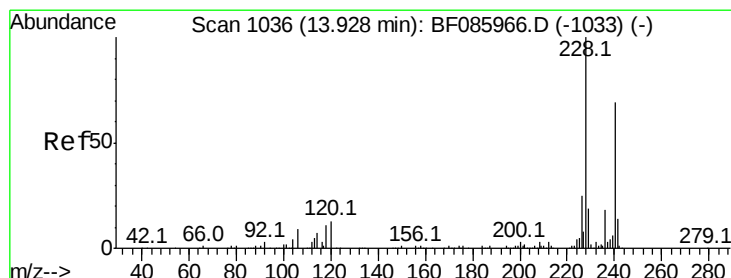
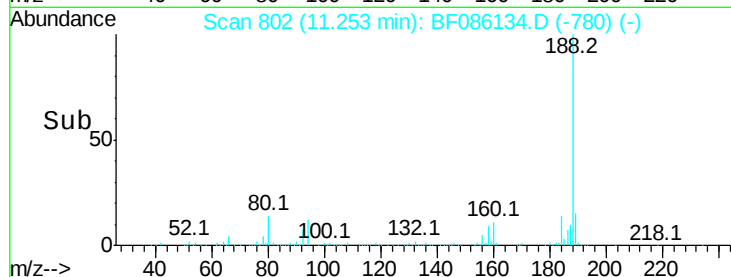
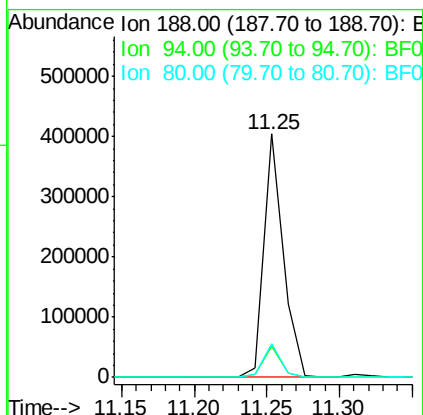
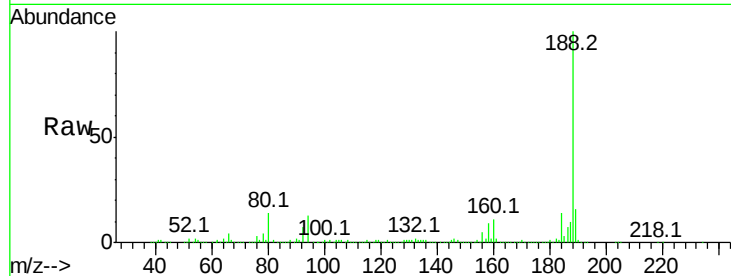




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

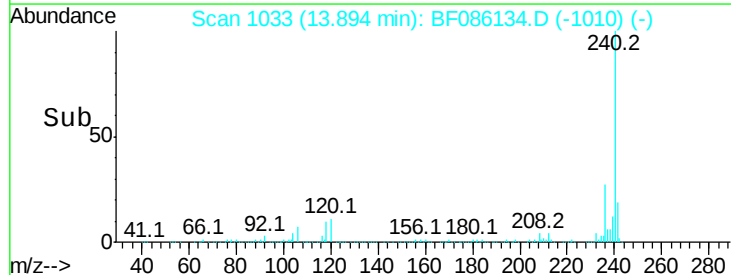
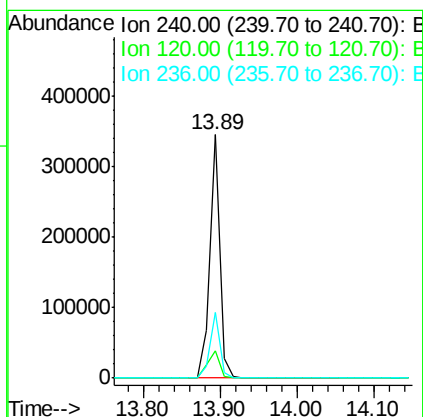
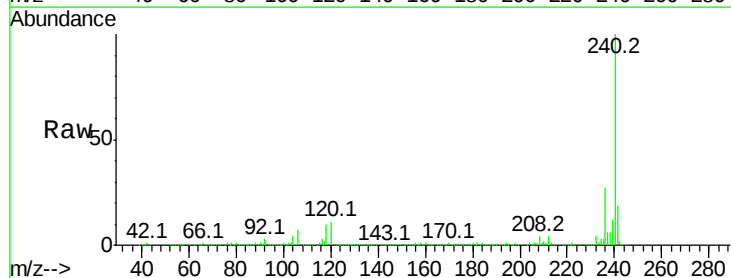
Instrument :
BNA_F
ClientSampleId :
MW-3-040116

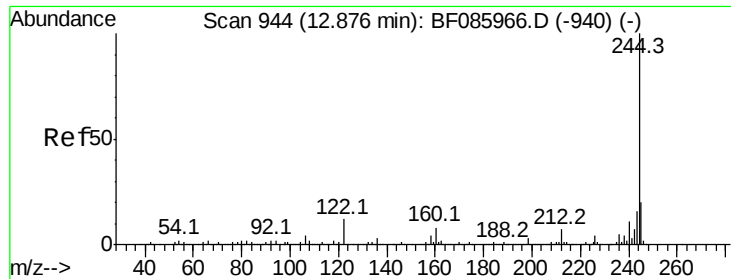
Tot Ion:188 Resp: 375600
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.8 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Tgt Ion:240 Resp: 307024
Ion Ratio Lower Upper
240 100
120 11.2 13.8 20.8#
236 27.1 20.6 30.8





#78

Terphenyl-d14

Concen: 81.36 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Instrument :

BNA_F

ClientSampleId :

MW-3-040116

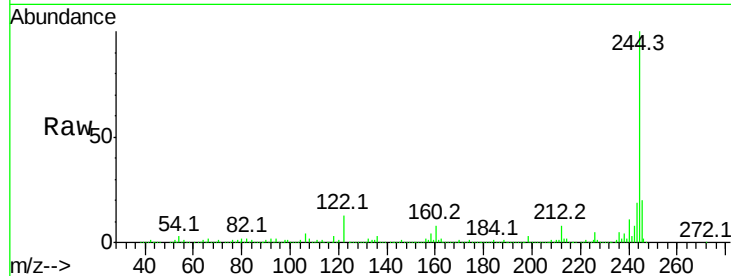
Tot Ion:244 Resp: 1062688

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

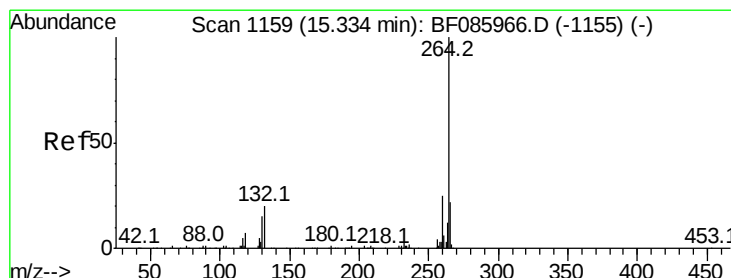
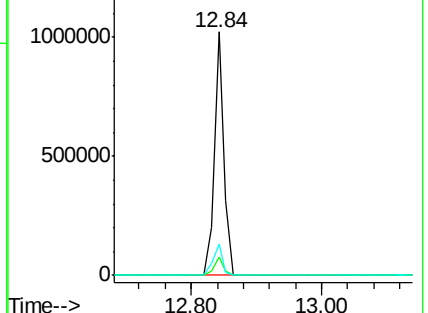
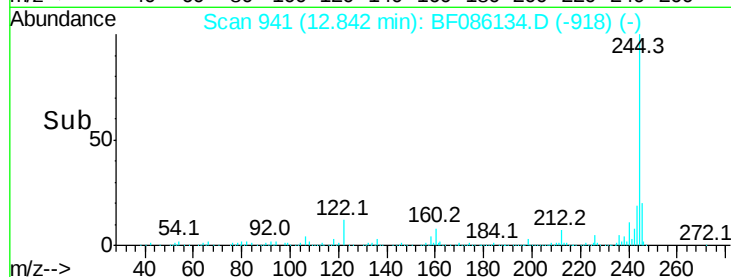
122 12.5 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

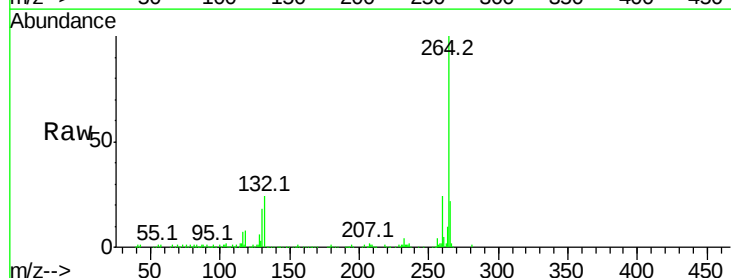
Tgt Ion:264 Resp: 208208

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.2 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

