

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086173.D
 Acq On : 8 Apr 2016 17:34
 Operator : UM/SJ
 Sample : H2343-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 09 00:10:06 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	123326	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	495075	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	240195	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	458152	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	348421	20.00	ng	-0.05
86) Perylene-d12	15.28	264	248399	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	514515	71.31	ng	-0.05
7) Phenol-d6	6.37	99	438010	47.79	ng	-0.05
23) Nitrobenzene-d5	7.30	82	777145	92.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	323592	143.53	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1389679	96.20	ng	-0.05
78) Terphenyl-d14	12.83	244	1200481	80.99	ng	-0.05

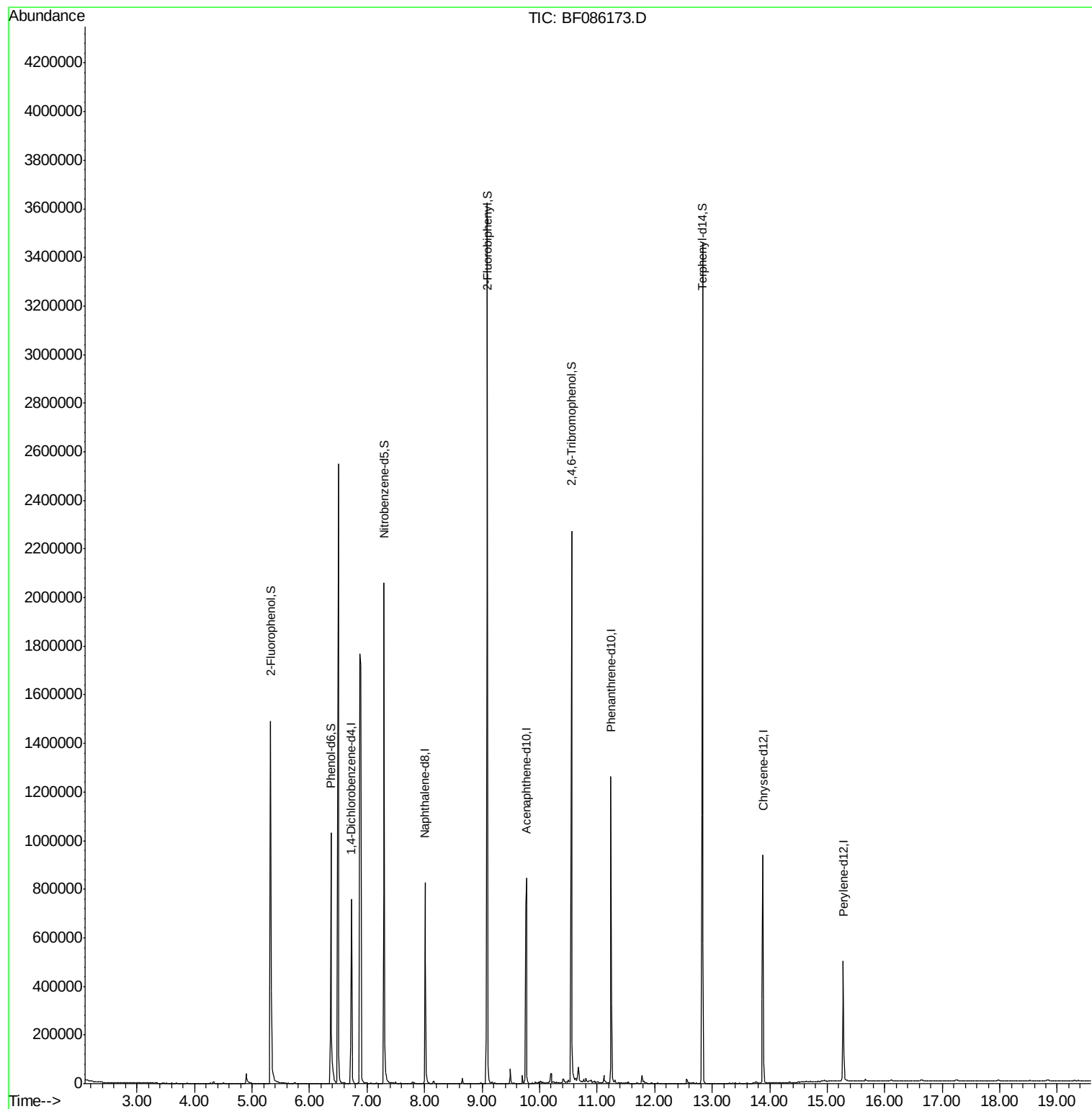
Target Compounds Qvalue

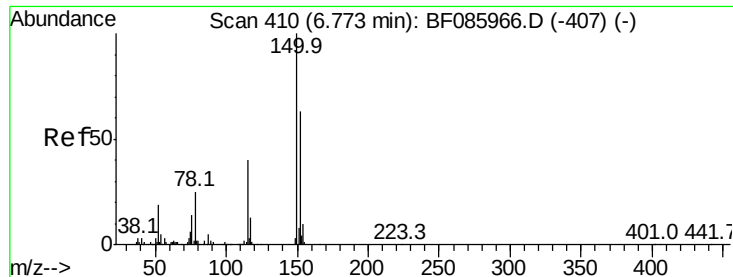
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

Instrument :

BNA_F

ClientSampled :

MW-2

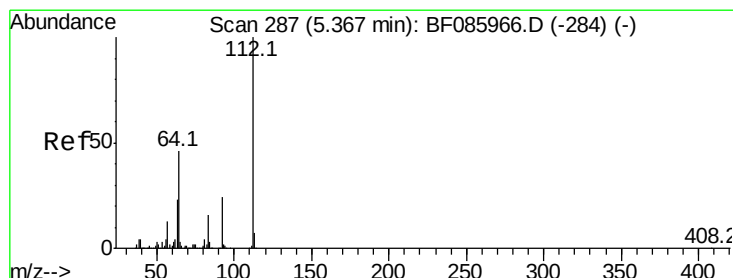
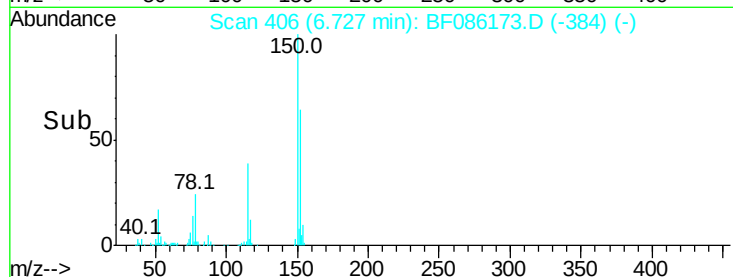
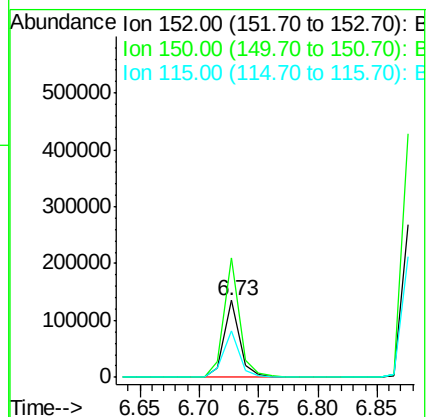
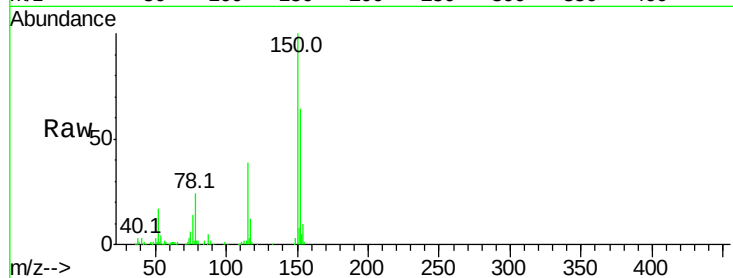
Tot Ion:152 Resp: 123326

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

115 60.3 47.0 70.6



#5

2-Fluorophenol

Concen: 71.31 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

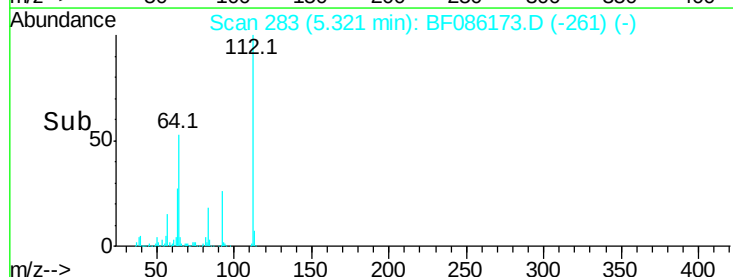
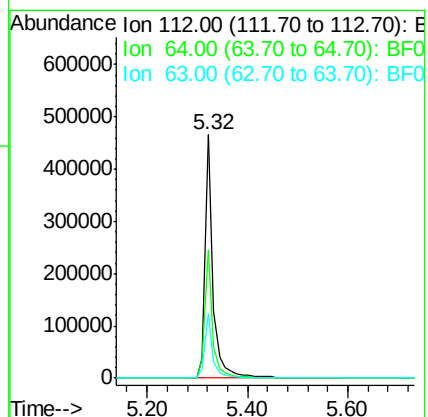
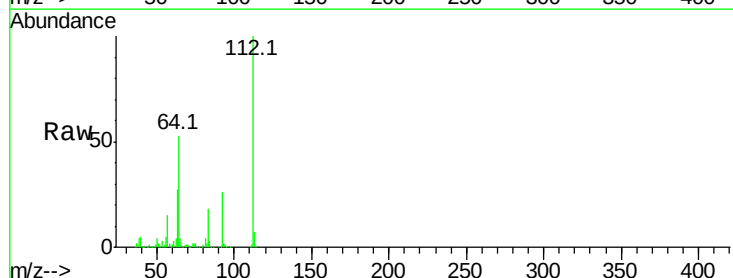
Tgt Ion:112 Resp: 514515

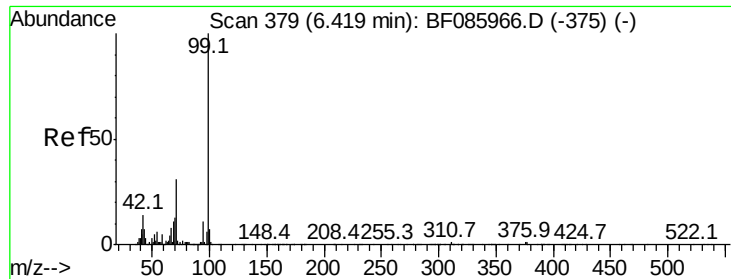
Ion Ratio Lower Upper

112 100

64 52.8 39.9 59.9

63 26.7 20.2 30.2





#7

Phenol-d6

Concen: 47.79 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

Instrument :

BNA_F

ClientSampled :

MW-2

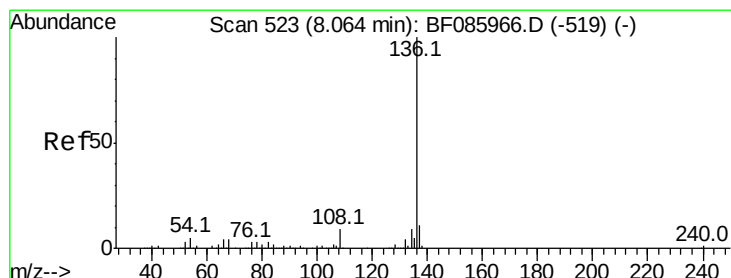
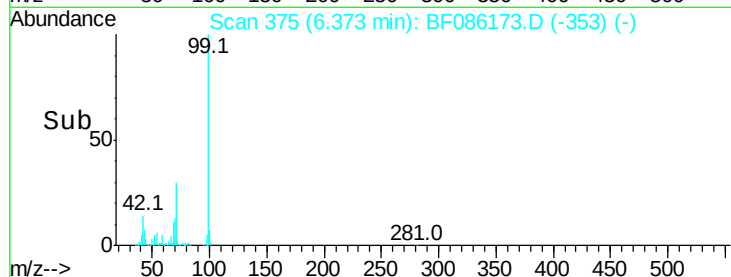
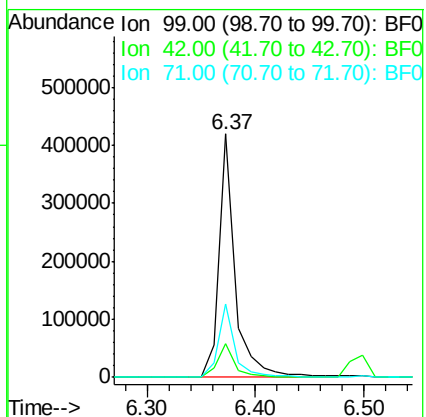
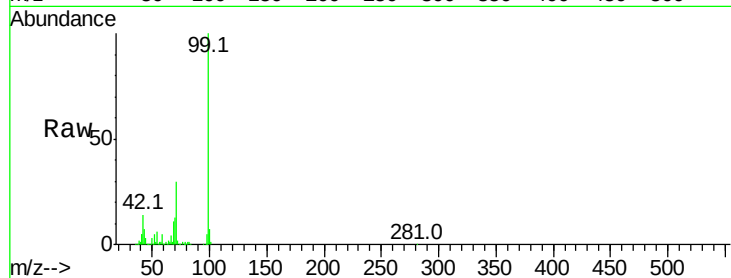
Tot Ion: 99 Resp: 438010

Ion Ratio Lower Upper

99 100

42 13.6 11.1 16.7

71 30.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

Tgt Ion: 136 Resp: 495075

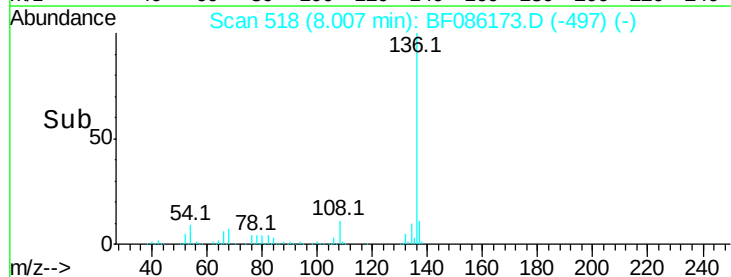
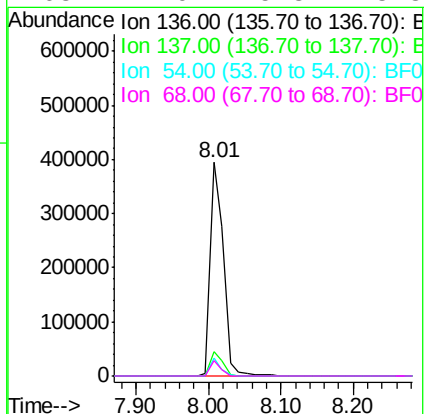
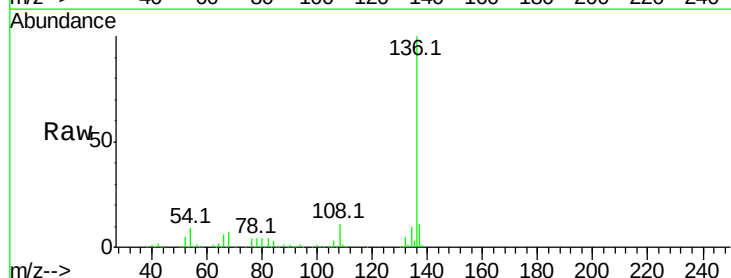
Ion Ratio Lower Upper

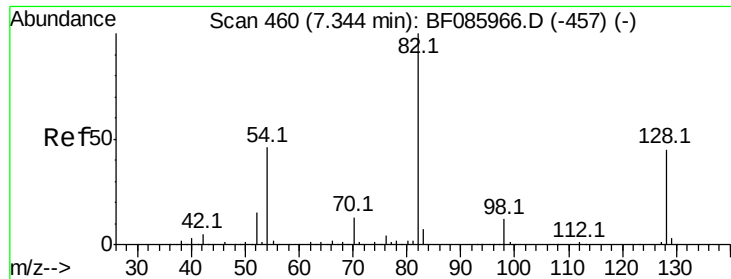
136 100

137 11.4 9.1 13.7

54 8.7 7.4 11.0

68 7.0 5.8 8.8

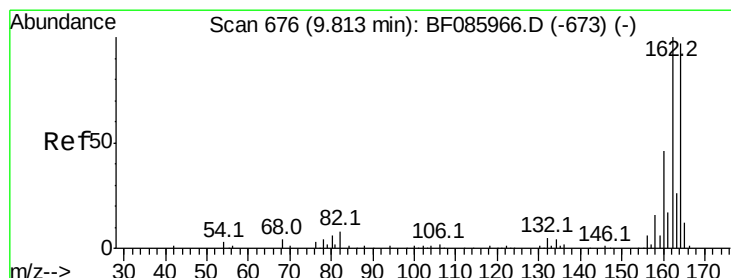
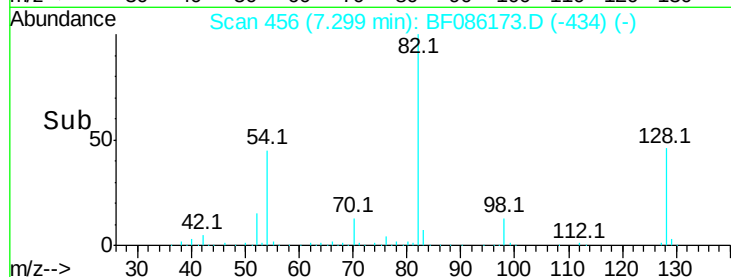
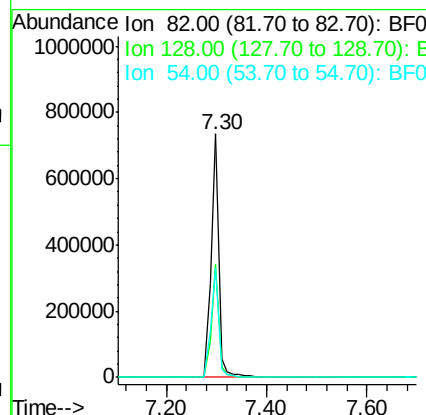
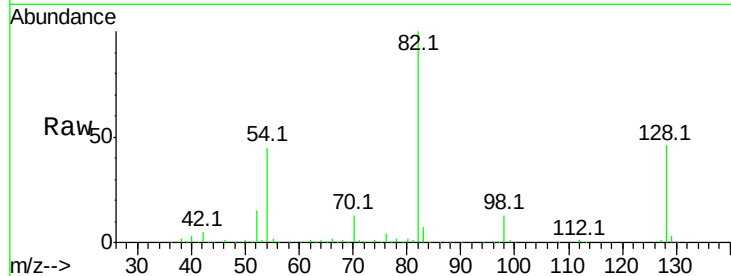




#23
 Nitrobenzene-d5
 Concen: 92.57 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086173.D
 Acq: 8 Apr 2016 17:34

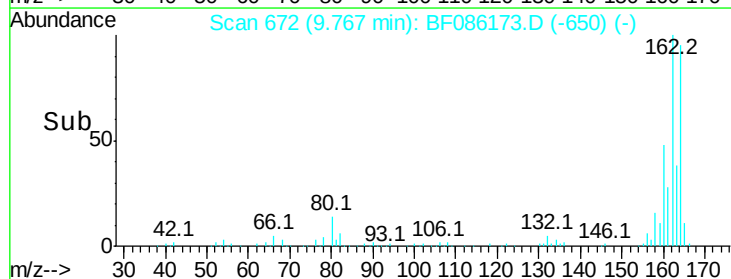
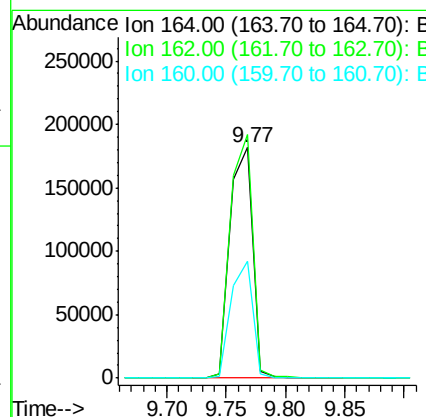
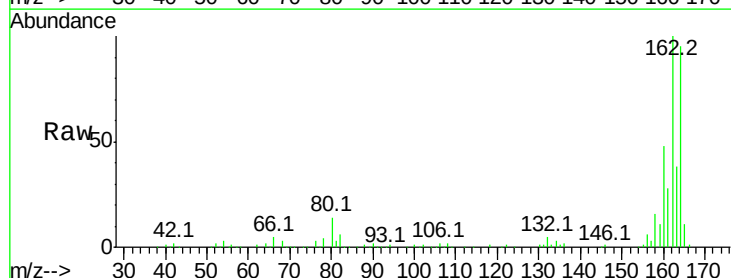
Instrument :
 BNA_F
 ClientSampleID :
 MW-2

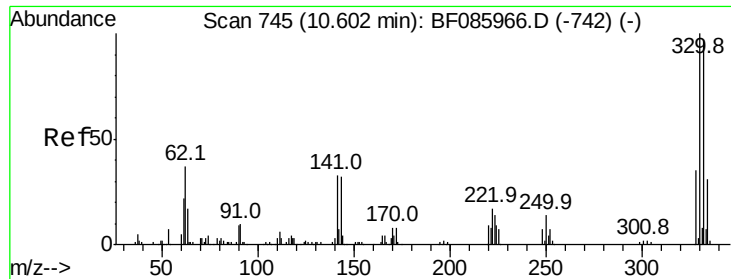
Tot Ion: 82 Resp: 777145
 Ion Ratio Lower Upper
 82 100
 128 46.3 41.8 62.8
 54 44.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086173.D
 Acq: 8 Apr 2016 17:34

Tgt Ion: 164 Resp: 240195
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.1 123.1
 160 50.5 37.4 56.2

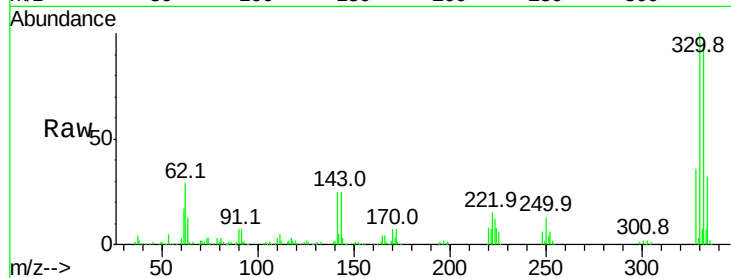




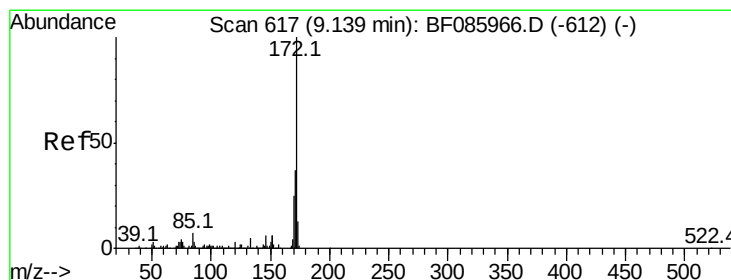
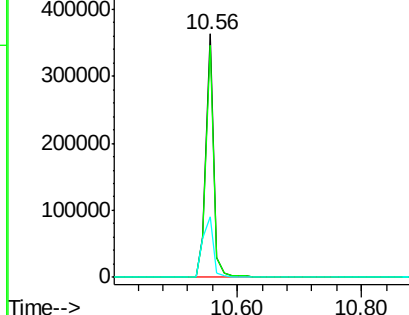
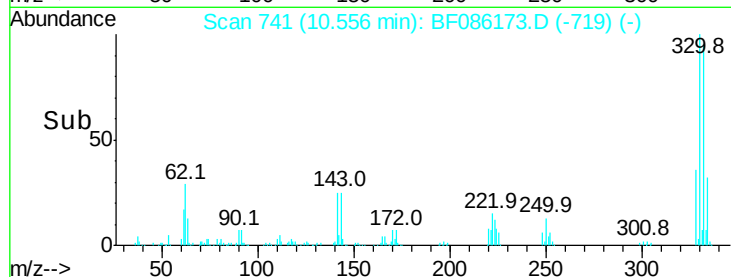
#41
 2,4,6-Tribromophenol
 Concen: 143.53 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086173.D
 Acq: 8 Apr 2016 17:34

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion:330 Resp: 323592
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 34.4 31.5 47.3

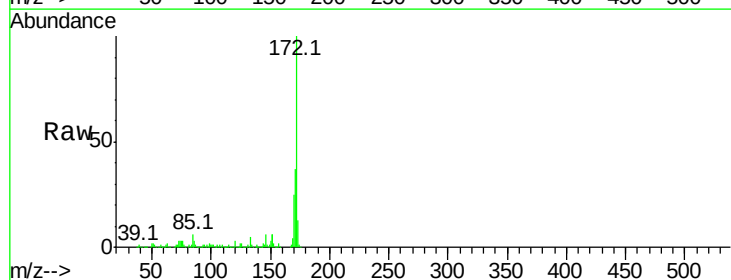


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

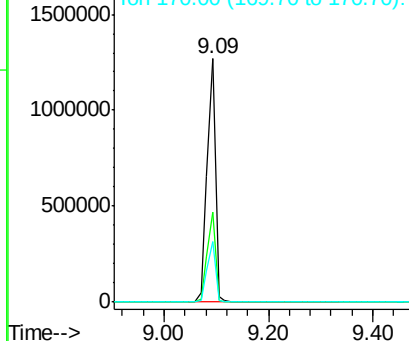
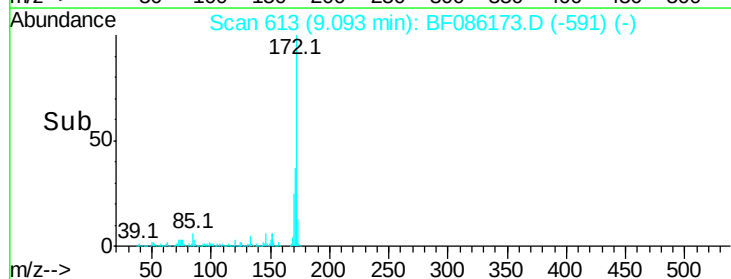


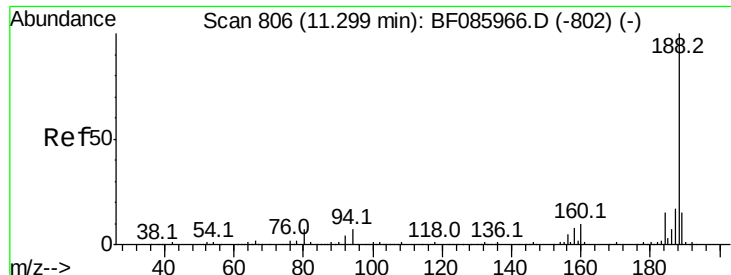
#44
 2-Fluorobiphenyl
 Concen: 96.20 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086173.D
 Acq: 8 Apr 2016 17:34

Tgt Ion:172 Resp: 1389679
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.9 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

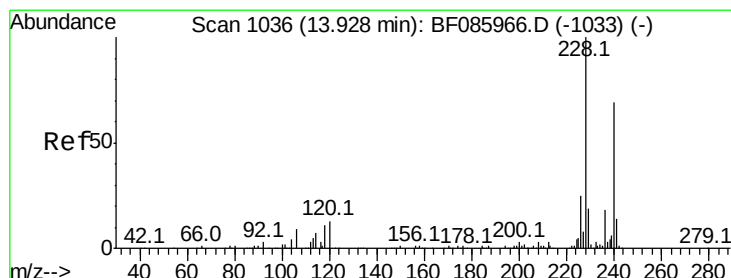
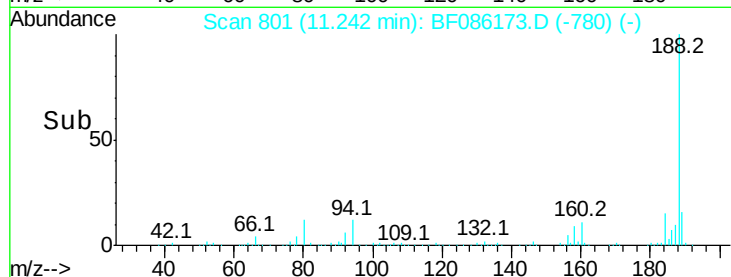
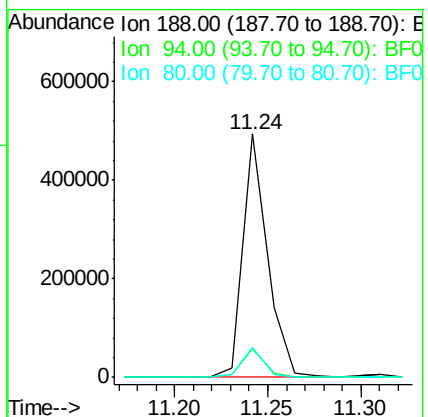
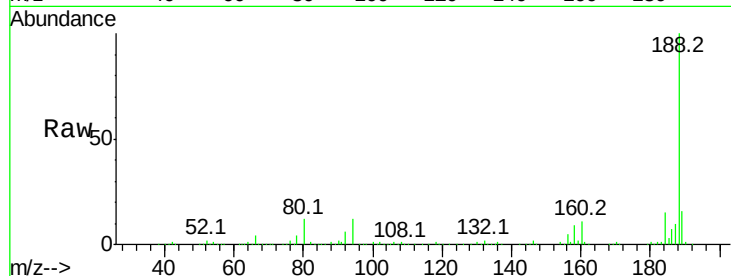




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086173.D
Acq: 8 Apr 2016 17:34

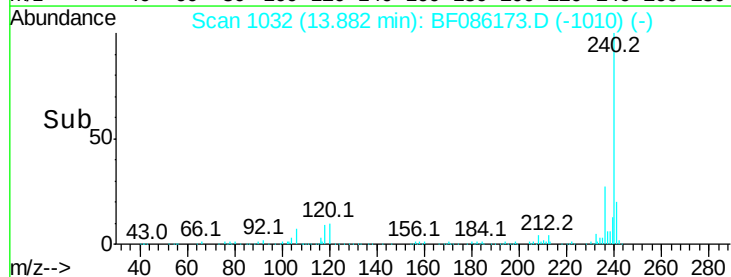
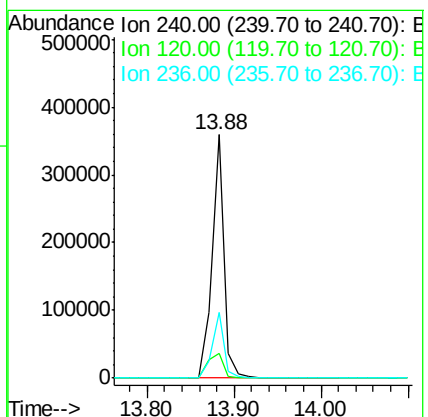
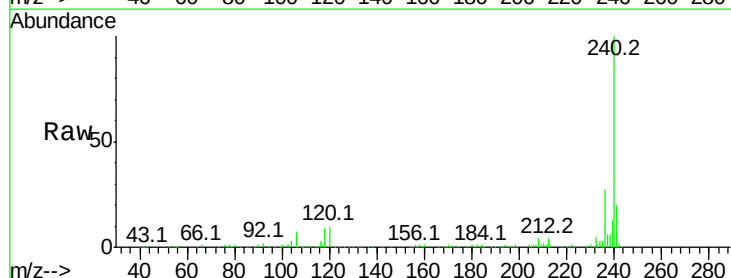
Instrument :
BNA_F
ClientSampleId :
MW-2

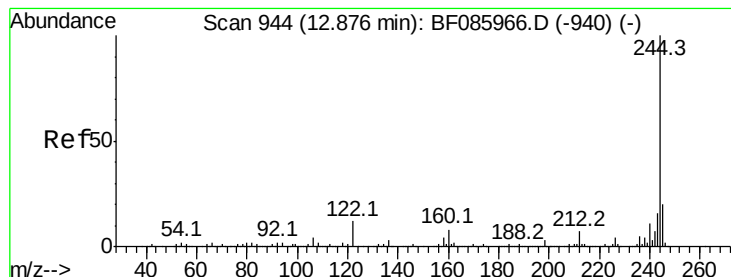
Tot Ion:188 Resp: 458152
Ion Ratio Lower Upper
188 100
94 11.6 5.4 8.0#
80 12.3 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086173.D
Acq: 8 Apr 2016 17:34

Tgt Ion:240 Resp: 348421
Ion Ratio Lower Upper
240 100
120 10.3 13.8 20.8#
236 27.1 20.6 30.8





#78

Terphenyl-d14

Concen: 80.99 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

Instrument :

BNA_F

ClientSampleId :

MW-2

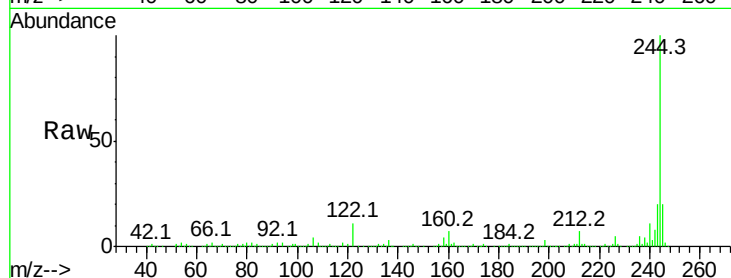
Tot Ion:244 Resp: 1200481

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

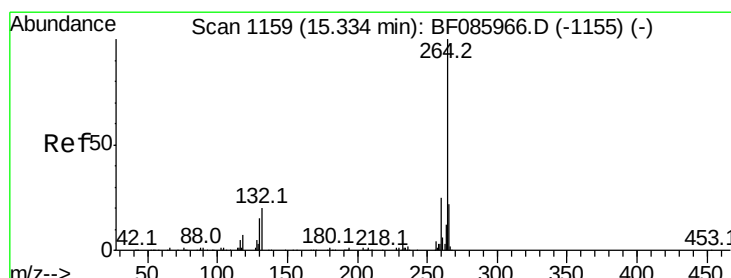
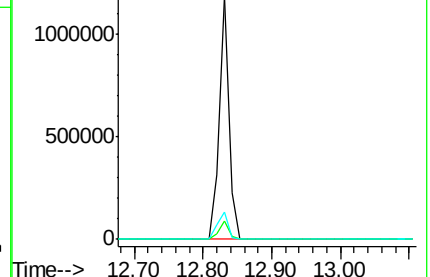
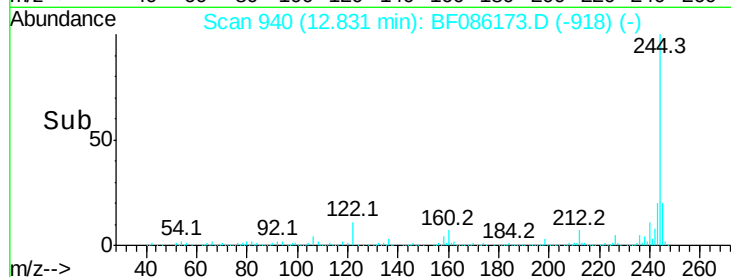
122 11.2 10.2 15.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086173.D

Acq: 8 Apr 2016 17:34

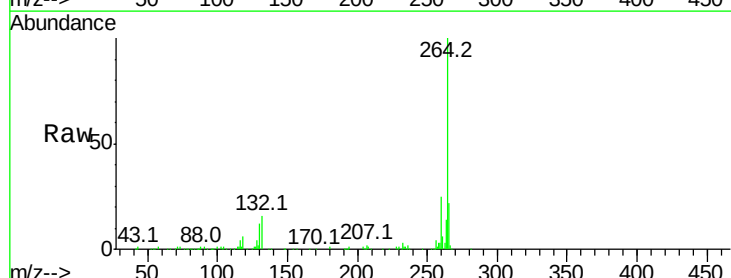
Tgt Ion:264 Resp: 248399

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.5 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

