

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086129.D
 Acq On : 7 Apr 2016 13:50
 Operator : UM/SJ
 Sample : H2166-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5

Quant Time: Apr 08 02:14:48 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

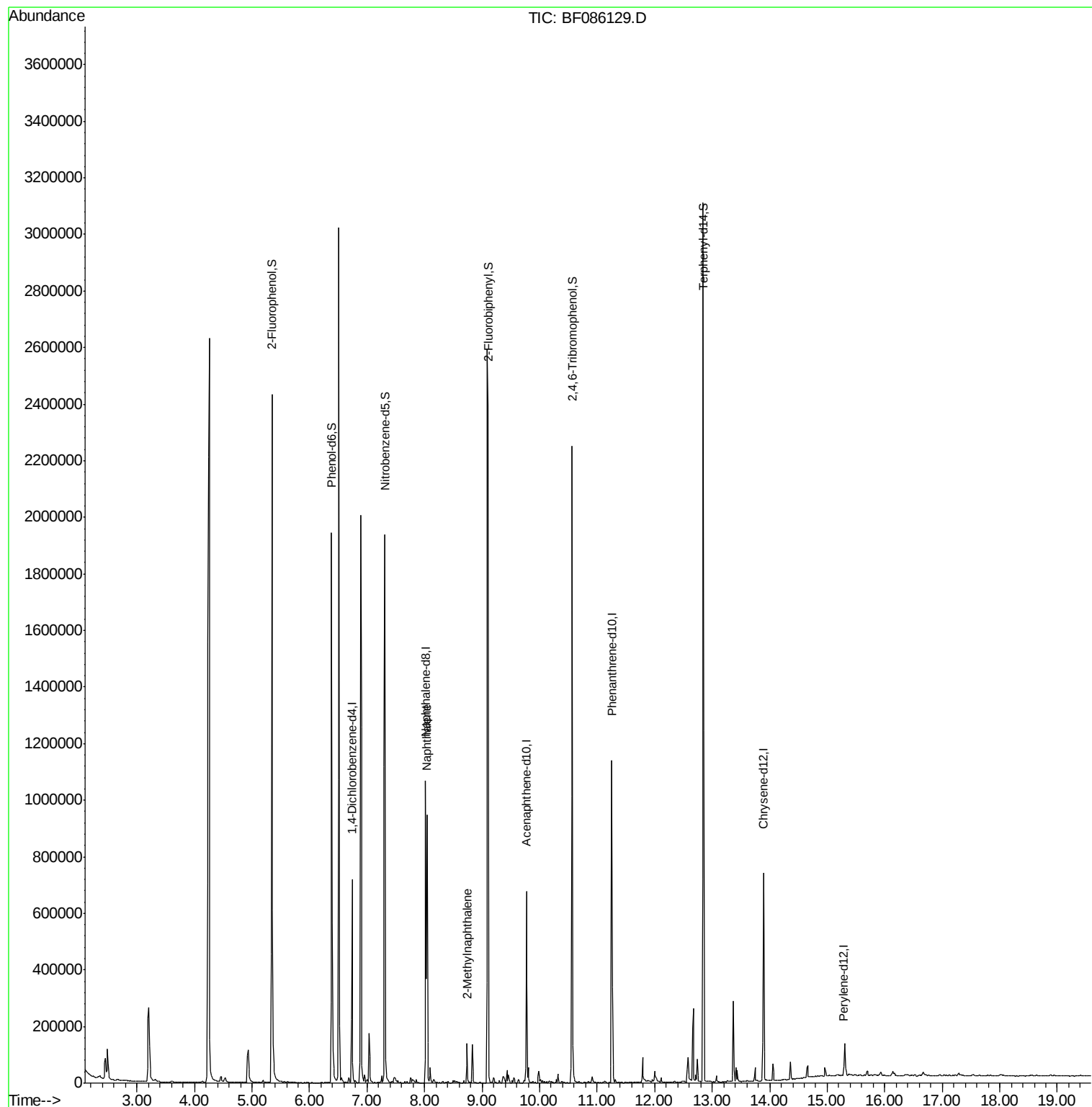
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	120606	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	468421	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	142996	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	402367	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	180959	20.00	ng	-0.03
86) Perylene-d12	15.29	264	5862	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	804846	114.07	ng	-0.02
7) Phenol-d6	6.38	99	743527	82.96	ng	-0.03
23) Nitrobenzene-d5	7.31	82	802409	101.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	319235	237.85	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1286060	149.54	ng	-0.03
78) Terphenyl-d14	12.84	244	1117950	145.22	ng	-0.03
Target Compounds						
31) Naphthalene	8.04	128	424641	18.02	ng	98
37) 2-Methylnaphthalene	8.74	142	45641	2.97	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086129.D

Acq: 7 Apr 2016 13:50

Instrument :

BNA_F

ClientSampleId :

COMP-OFL4-AND-L5

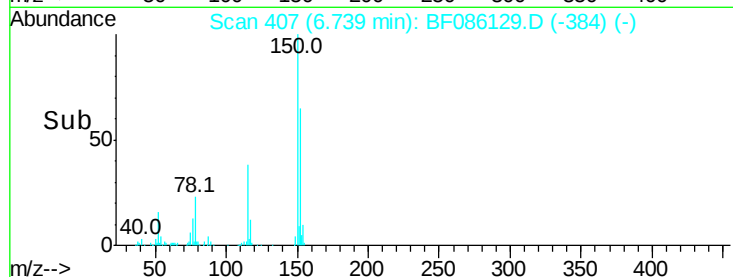
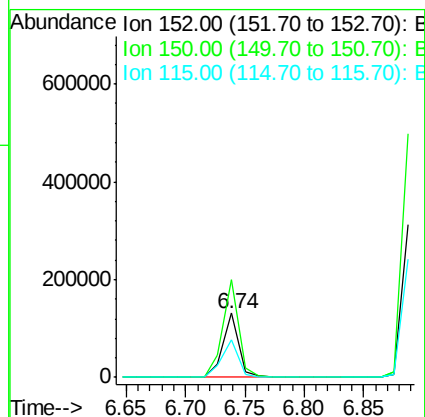
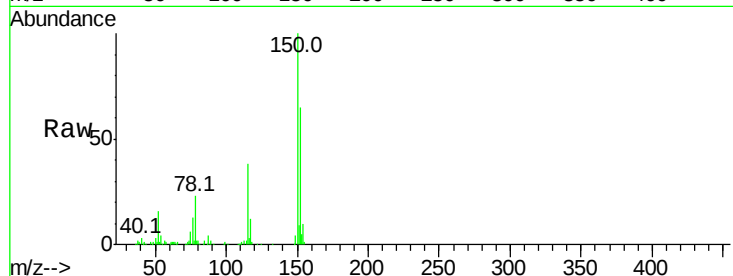
Tot Ion:152 Resp: 120606

Ion Ratio Lower Upper

152 100

150 153.1 124.2 186.2

115 58.1 47.0 70.6



#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086129.D

Acq: 7 Apr 2016 13:50

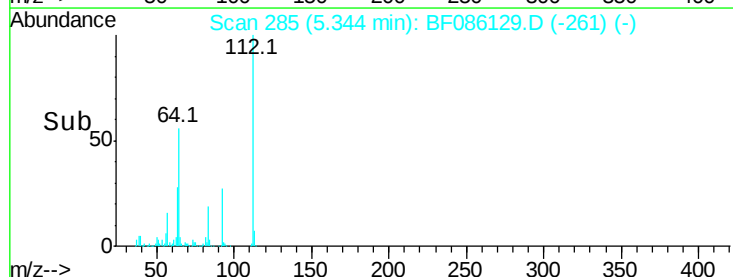
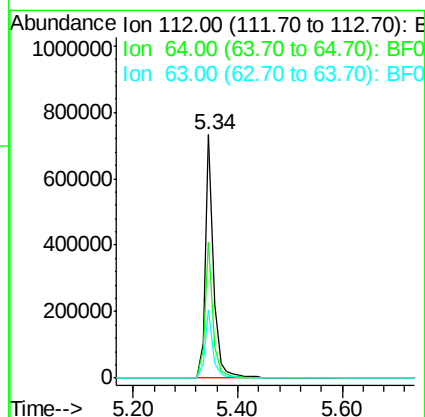
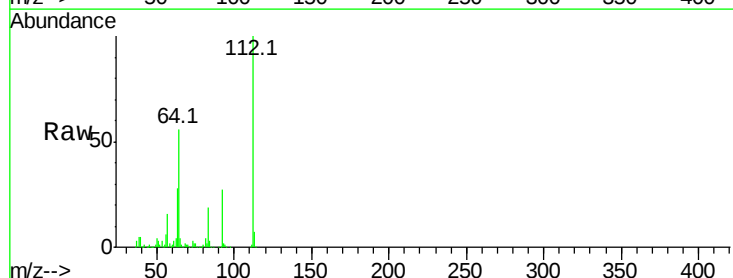
Tgt Ion:112 Resp: 804846

Ion Ratio Lower Upper

112 100

64 55.8 39.9 59.9

63 28.1 20.2 30.2





#7

Phenol-d6

Concen: 82.96 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086129.D

Acq: 7 Apr 2016 13:50

Instrument :

BNA_F

ClientSampleId :

COMP-OFL4-AND-L5

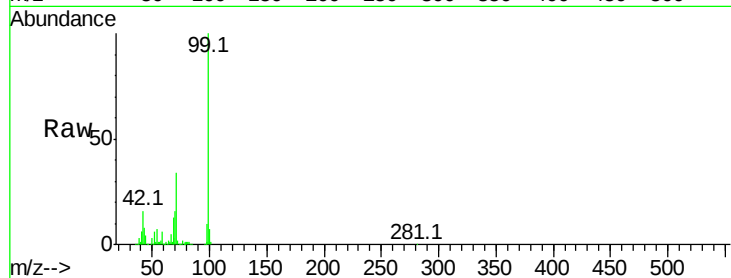
Tot Ion: 99 Resp: 743527

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

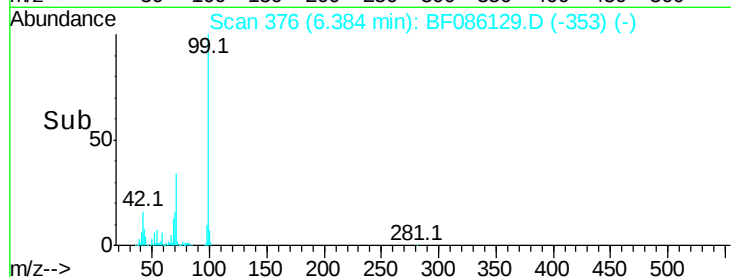
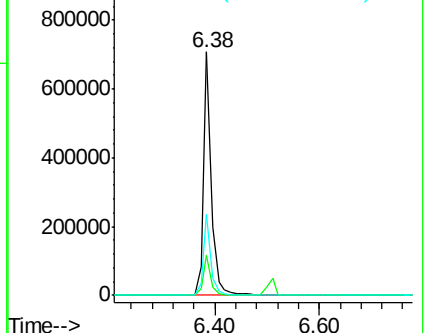
71 33.5 24.9 37.3



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: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086129.D

Acq: 7 Apr 2016 13:50

Tgt Ion: 136 Resp: 468421

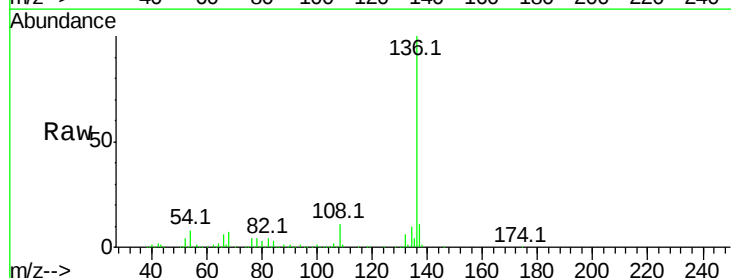
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 7.4 11.0

68 6.6 5.8 8.8

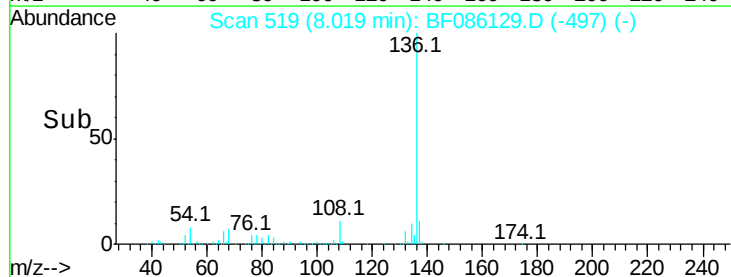
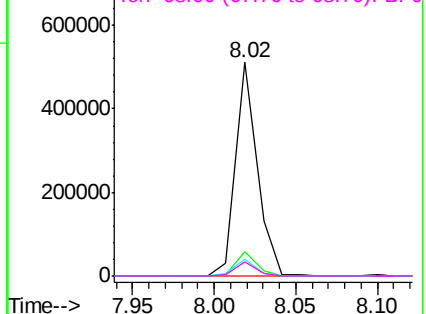


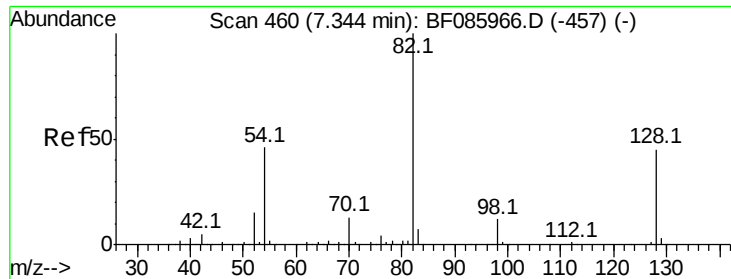
Abundance Ion 136.00 (135.70 to 136.70): E

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

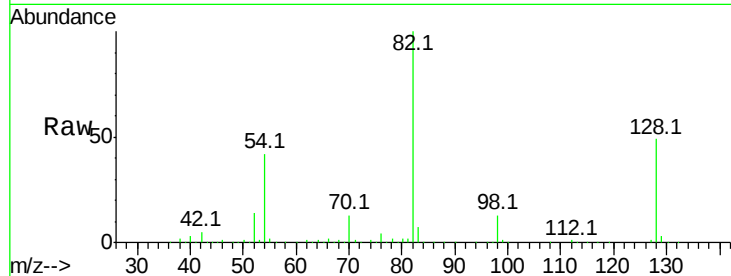




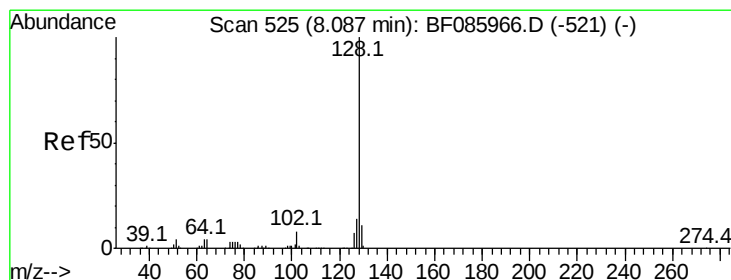
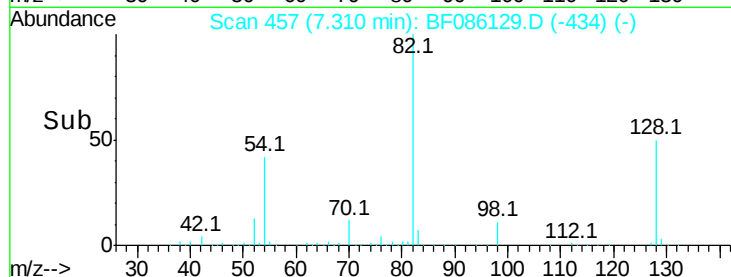
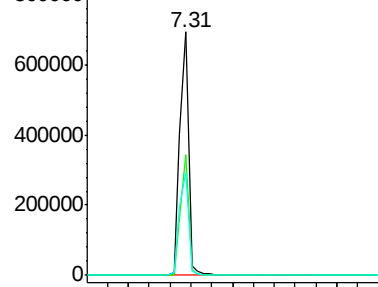
#23
Nitrobenzene-d5
Concen: 101.02 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5

Tot Ion: 82 Resp: 802409
Ion Ratio Lower Upper
82 100
128 49.5 41.8 62.8
54 42.5 33.4 50.0

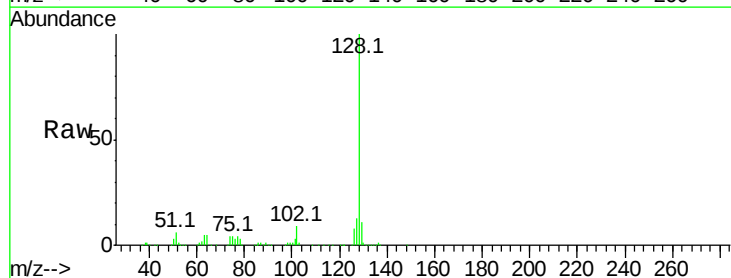


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

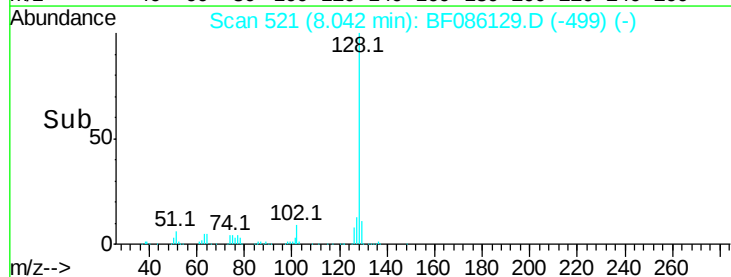
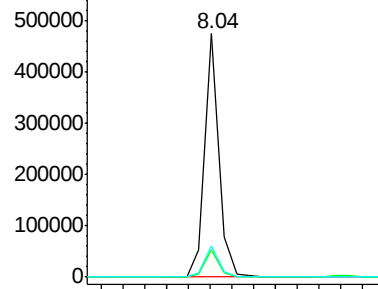


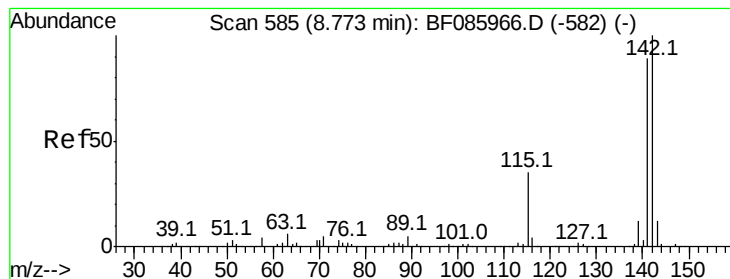
#31
Naphthalene
Concen: 18.02 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Tgt Ion:128 Resp: 424641
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.0 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

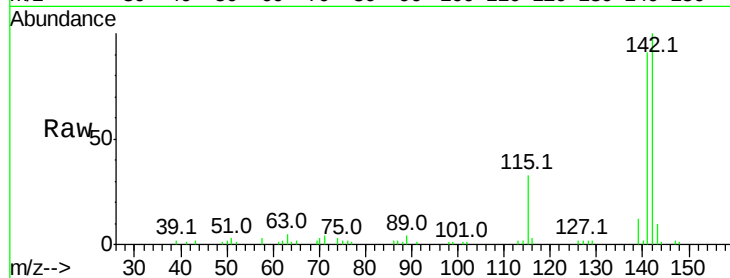




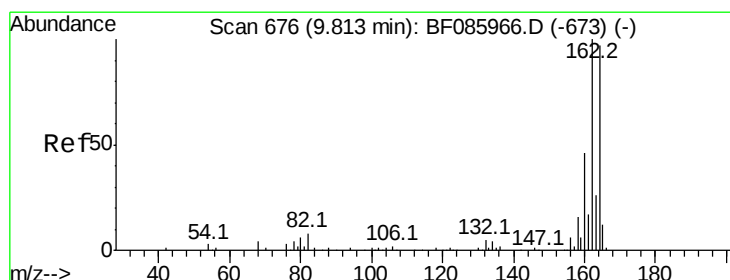
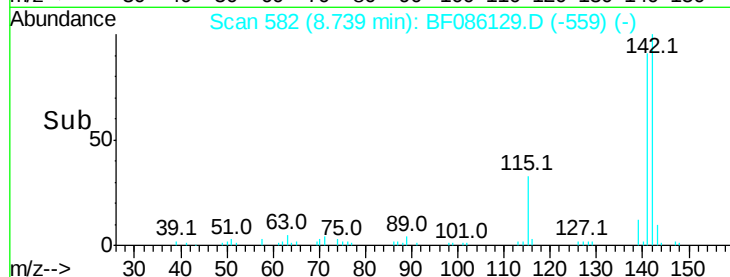
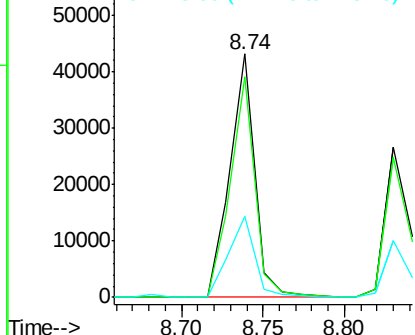
#37
2-Methylnaphthalene
Concen: 2.97 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5

Tot Ion:142 Resp: 45641
Ion Ratio Lower Upper
142 100
141 90.8 71.6 107.4
115 33.3 26.8 40.2

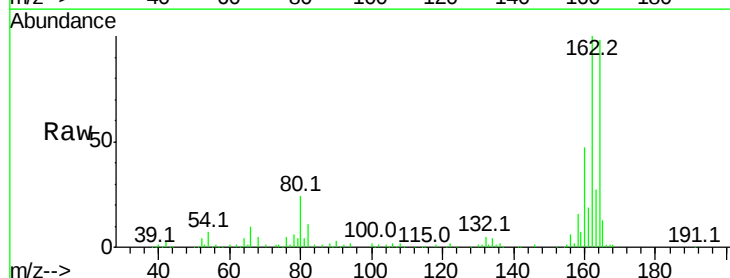


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

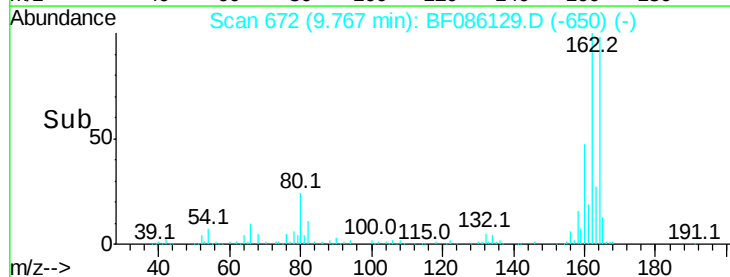
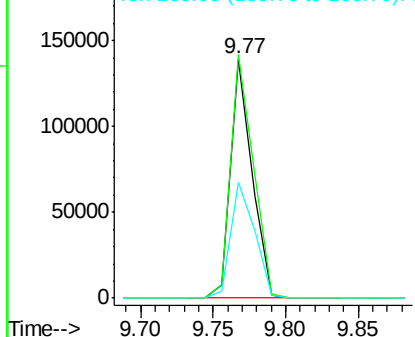


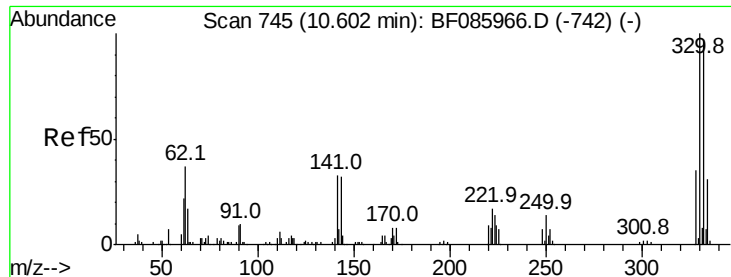
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Tgt Ion:164 Resp: 142996
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 48.3 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

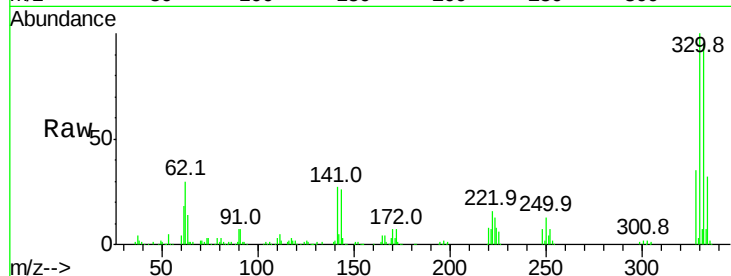




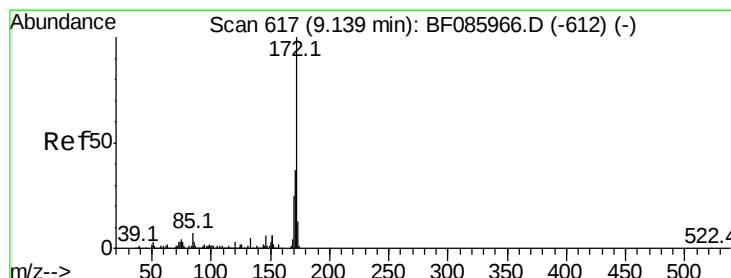
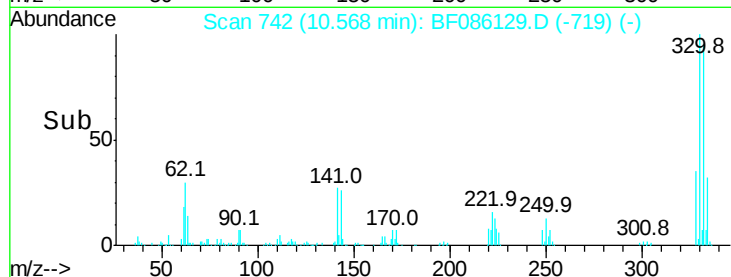
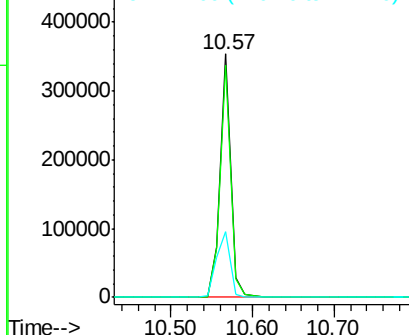
#41
 2,4,6-Tribromophenol
 Concen: 237.85 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086129.D
 Acq: 7 Apr 2016 13:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5

Tot Ion:330 Resp: 319235
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 35.4 31.5 47.3

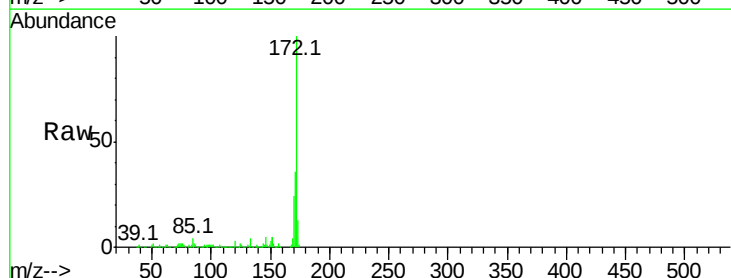


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

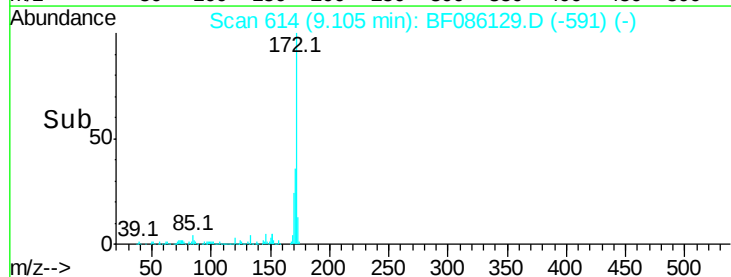
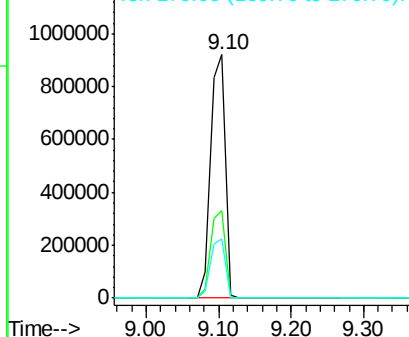


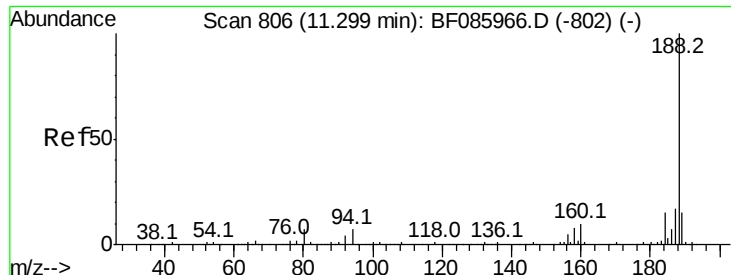
#44
 2-Fluorobiphenyl
 Concen: 149.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086129.D
 Acq: 7 Apr 2016 13:50

Tgt Ion:172 Resp: 1286060
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.1 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

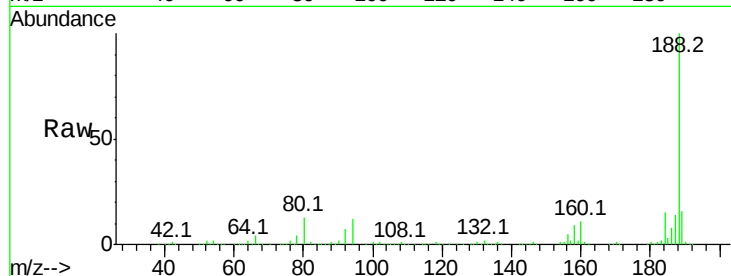




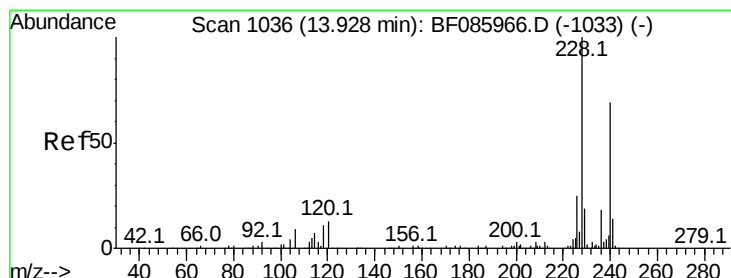
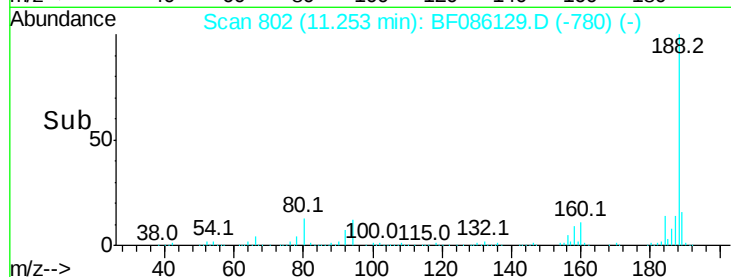
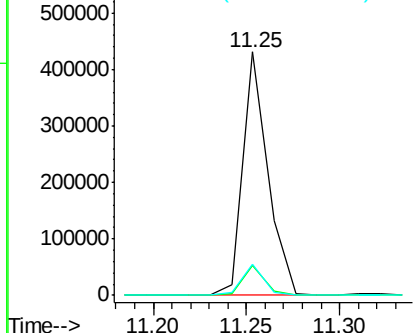
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5

Tot Ion:188 Resp: 402367
Ion Ratio Lower Upper
188 100
94 12.1 5.4 8.0#
80 12.7 5.5 8.3#

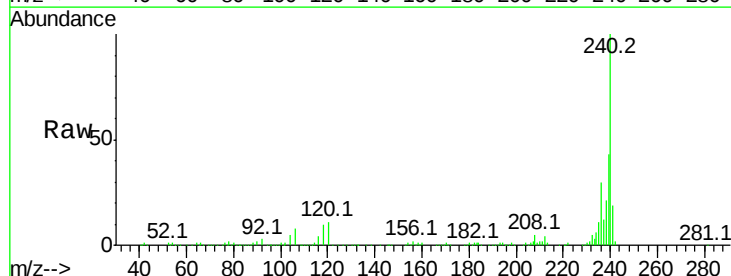


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

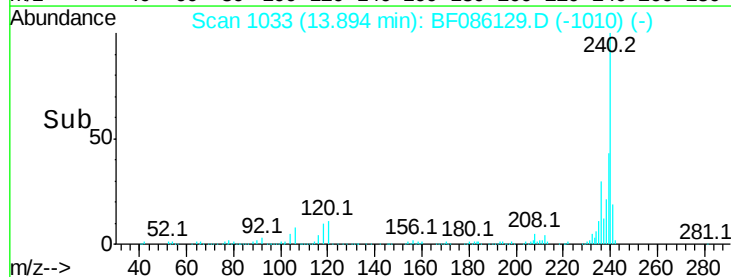
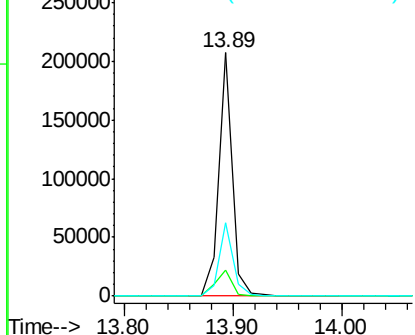


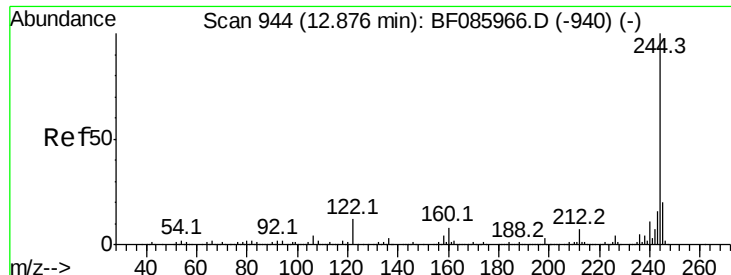
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086129.D
Acq: 7 Apr 2016 13:50

Tgt Ion:240 Resp: 180959
Ion Ratio Lower Upper
240 100
120 10.8 13.8 20.8#
236 29.9 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

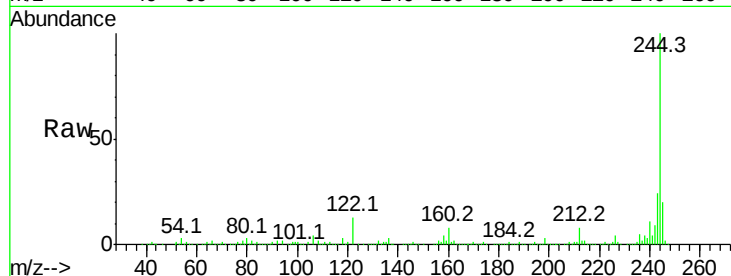




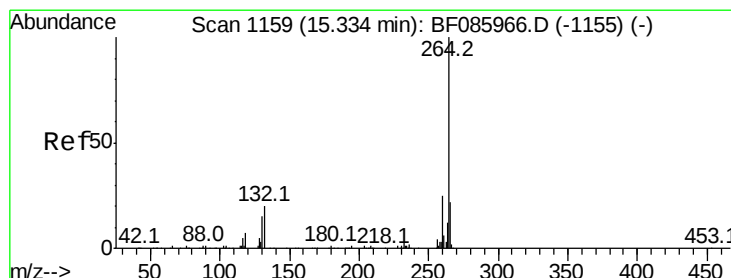
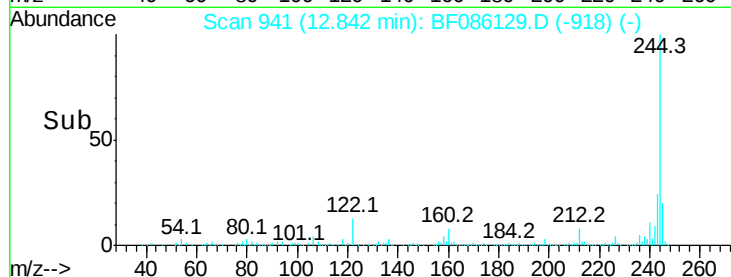
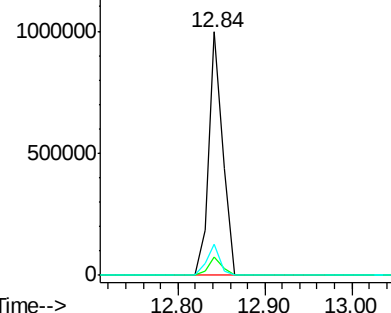
#78
 Terphenyl-d14
 Concen: 145.22 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086129.D
 Acq: 7 Apr 2016 13:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5

Tot Ion:244 Resp: 1117950
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.0 10.2 15.4

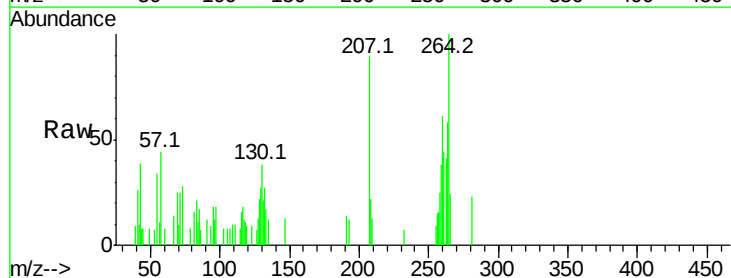


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086129.D
 Acq: 7 Apr 2016 13:50

Tgt Ion:264 Resp: 5862
 Ion Ratio Lower Upper
 264 100
 260 60.7 19.4 29.2#
 265 24.1 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

