

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088114.D
 Acq On : 18 Jun 2016 2:08
 Operator : UM/SJ
 Sample : H3542-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jun 18 03:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110368	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	432635	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	202286	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	337477	20.00	ng	0.00
75) Chrysene-d12	13.84	240	256891	20.00	ng	-0.01
86) Perylene-d12	15.22	264	201723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	461180	71.43	ng	0.01
7) Phenol-d6	6.34	99	414872	53.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	605526	81.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	194907	91.25	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	928415	71.20	ng	-0.01
78) Terphenyl-d14	12.80	244	820125	72.65	ng	0.00

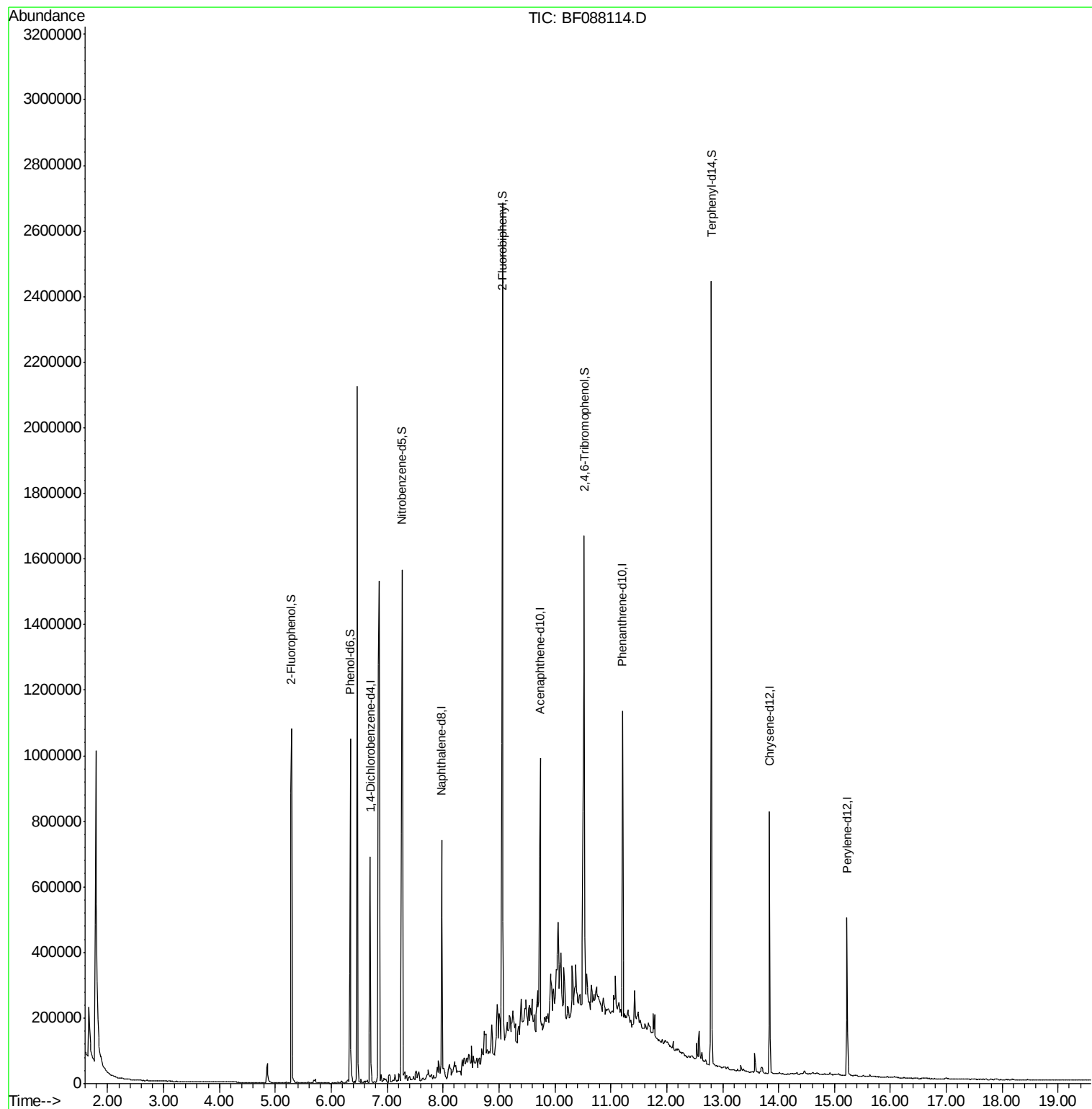
Target Compounds Qvalue

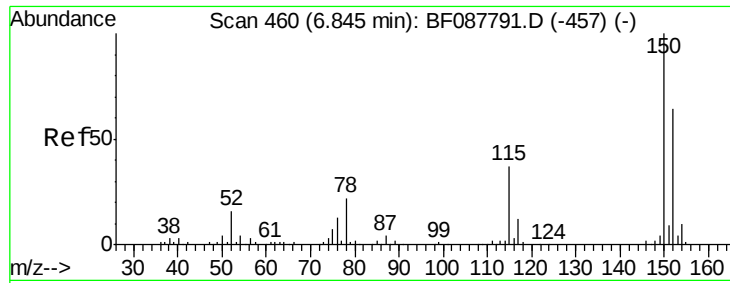
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

Instrument :

BNA_F

ClientSampleId :

MW-19

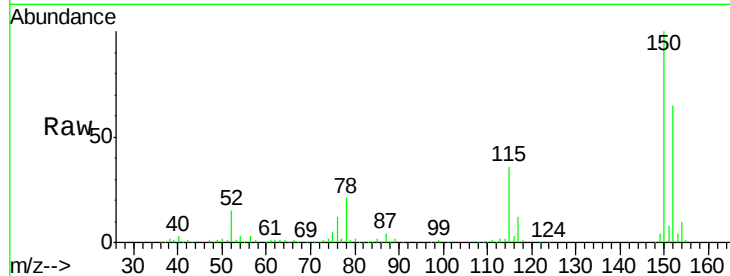
Tot Ion:152 Resp: 110368

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

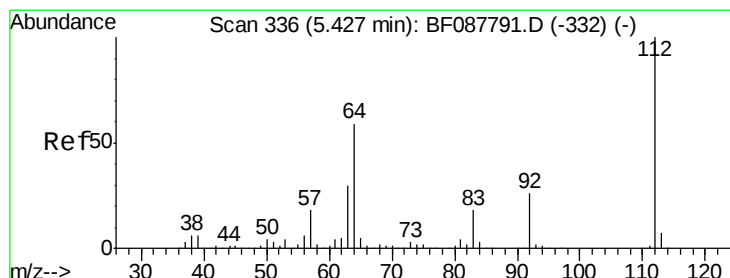
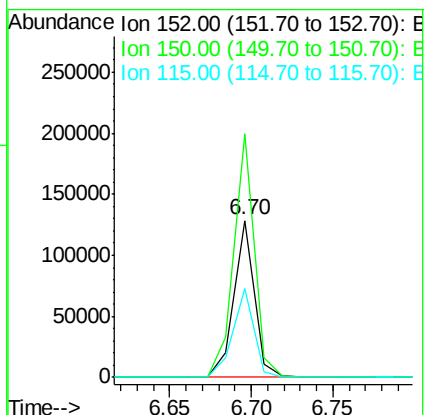
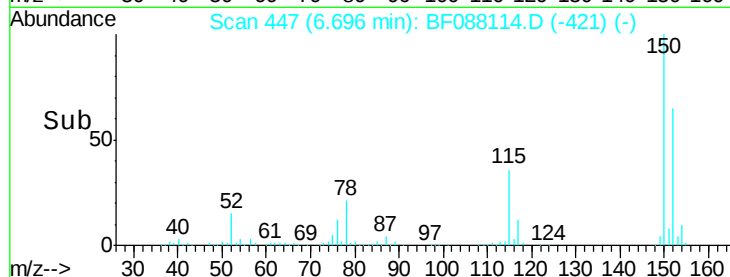
115 56.2 39.6 59.4



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: 71.43 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

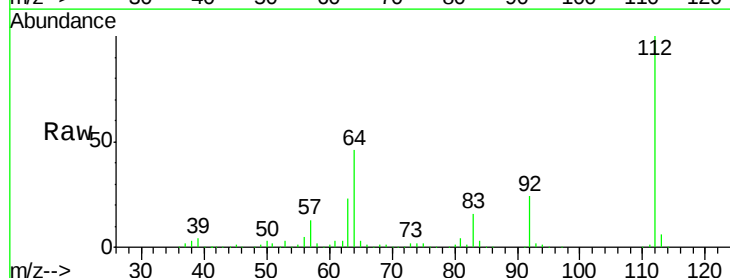
Tgt Ion:112 Resp: 461180

Ion Ratio Lower Upper

112 100

64 46.0 42.2 63.2

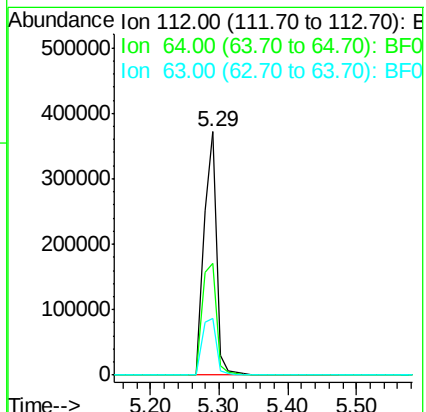
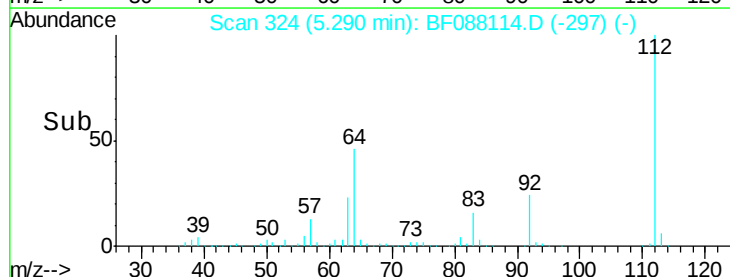
63 23.1 21.8 32.8



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: 53.02 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

Instrument :

BNA_F

ClientSampled :

MW-19

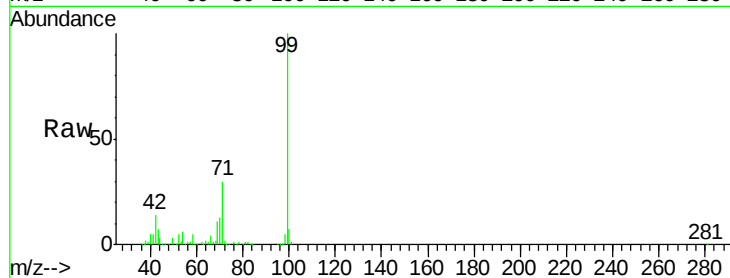
Tot Ion: 99 Resp: 414872

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

71 30.5 23.4 35.0



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

6.34

400000

300000

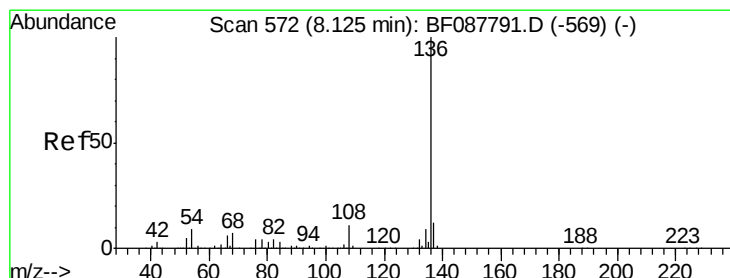
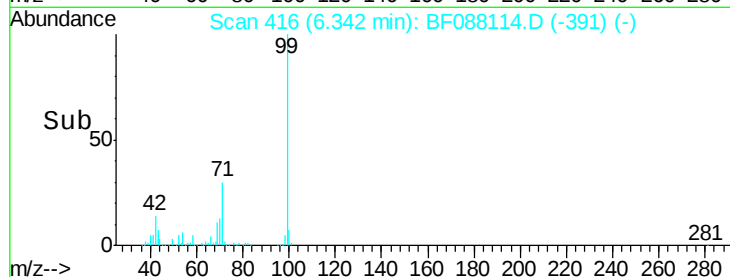
200000

100000

0

6.30 6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

Tgt Ion: 136 Resp: 432635

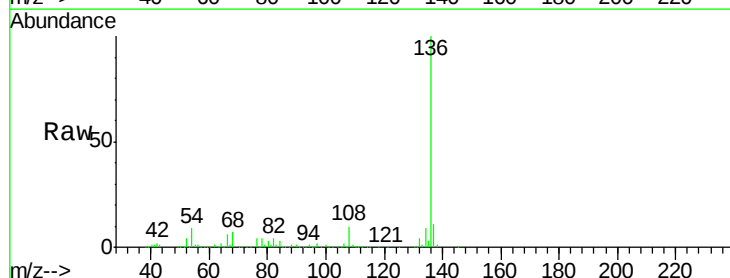
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.5 6.6 10.0

68 7.1 5.1 7.7



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

7.98

400000

300000

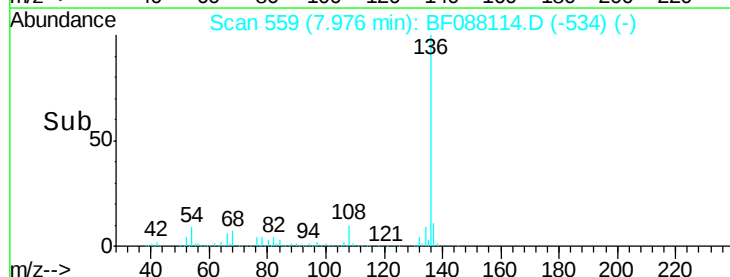
200000

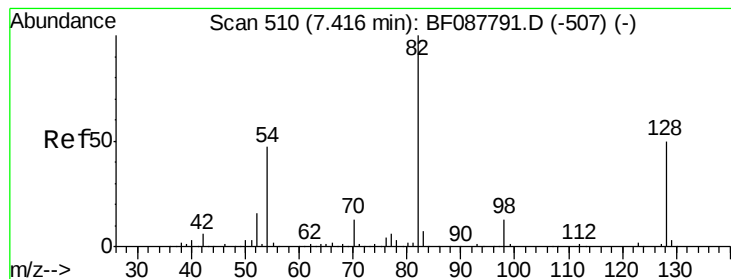
100000

0

7.90 8.00 8.10

Time-->





#23

Nitrobenzene-d5

Concen: 81.73 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

Instrument :

BNA_F

ClientSampleId :

MW-19

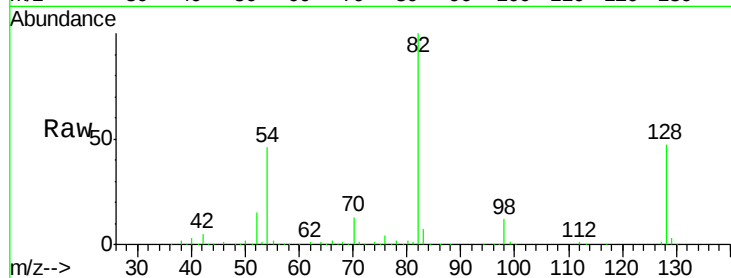
Tot Ion: 82 Resp: 605526

Ion Ratio Lower Upper

82 100

128 46.9 35.9 53.9

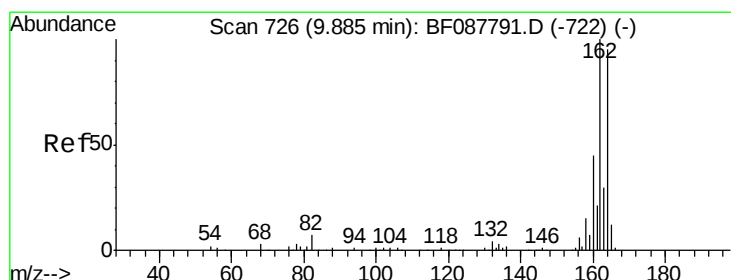
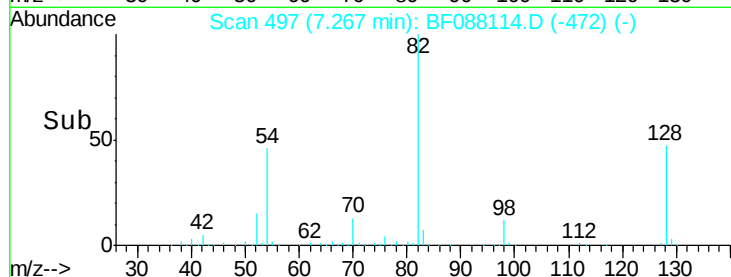
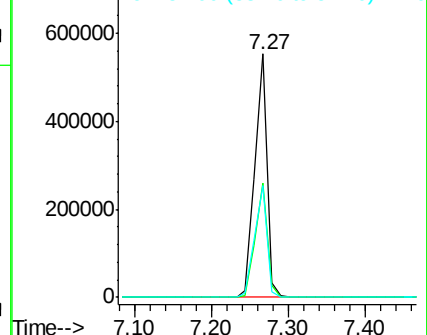
54 45.9 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

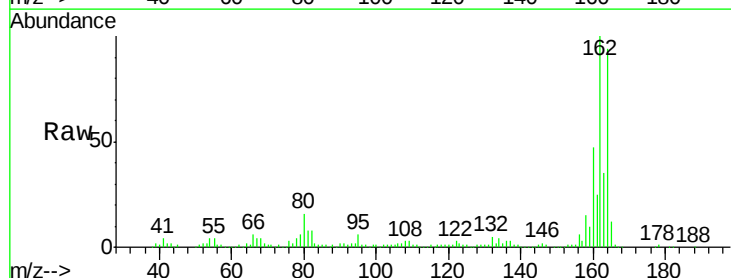
Tgt Ion: 164 Resp: 202286

Ion Ratio Lower Upper

164 100

162 105.9 85.4 128.2

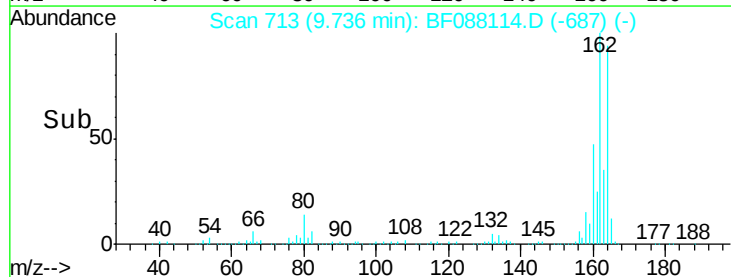
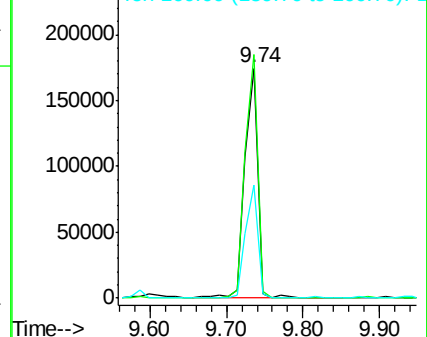
160 49.3 39.5 59.3

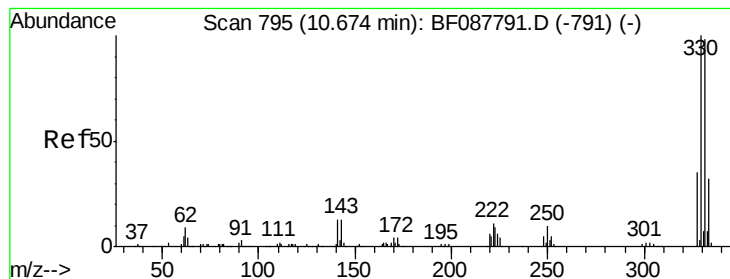


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#41

2,4,6-Tribromophenol

Concen: 91.25 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

Instrument :

BNA_F

ClientSampleId :

MW-19

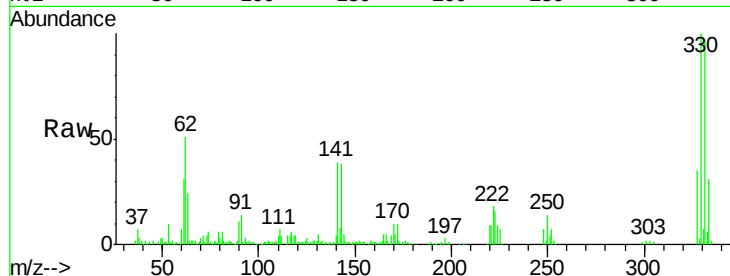
Tot Ion:330 Resp: 194907

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

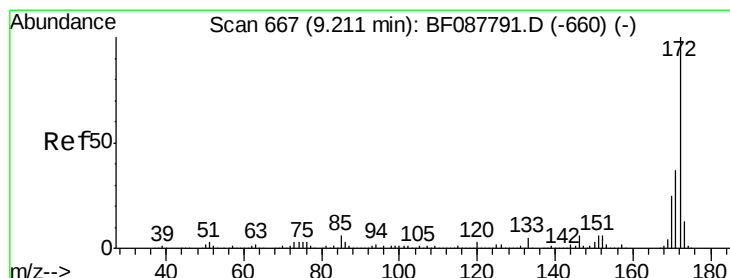
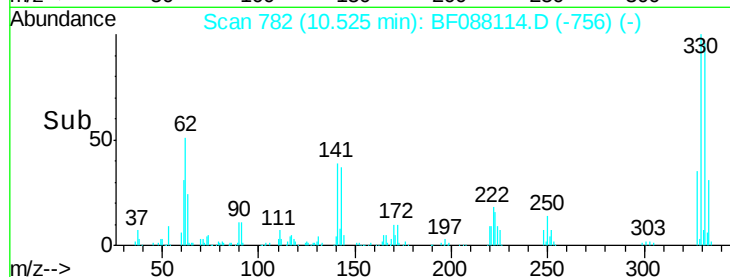
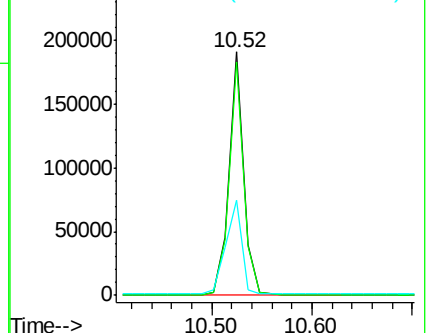
141 41.6 0.0 0.0#



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: 71.20 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088114.D

Acq: 18 Jun 2016 2:08

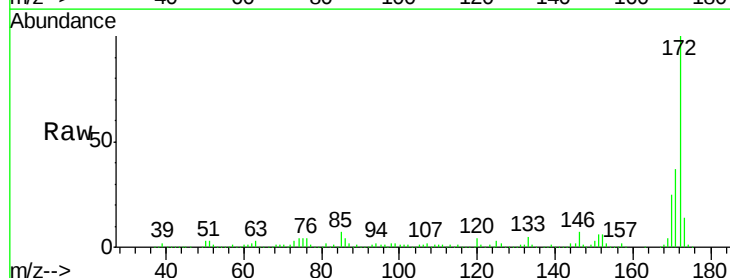
Tgt Ion:172 Resp: 928415

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

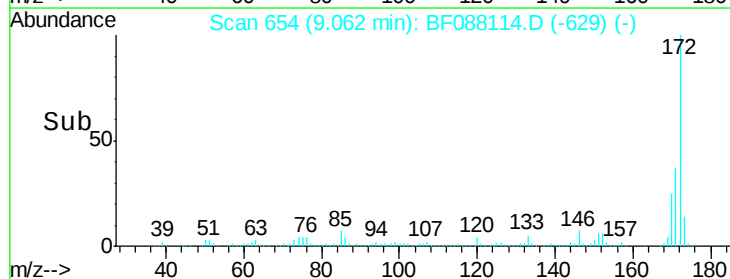
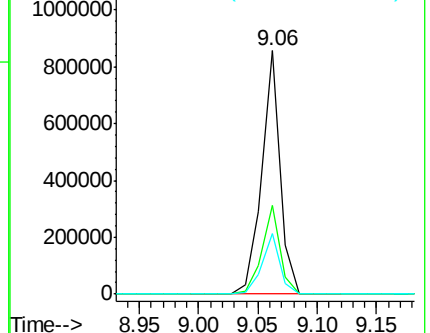
170 24.8 19.2 28.8

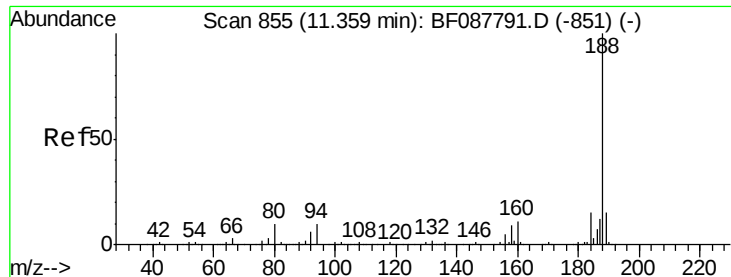


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

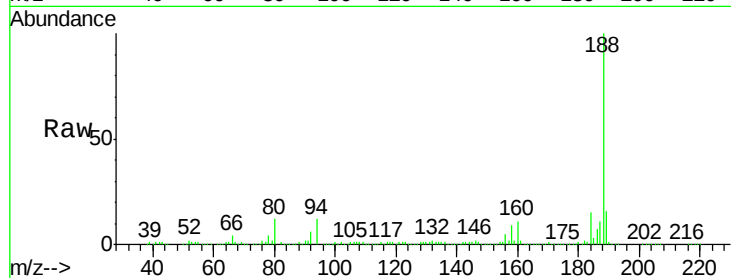




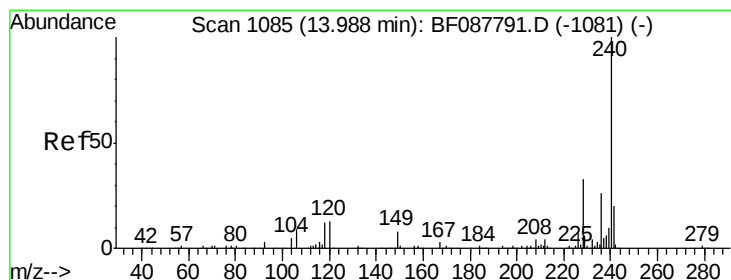
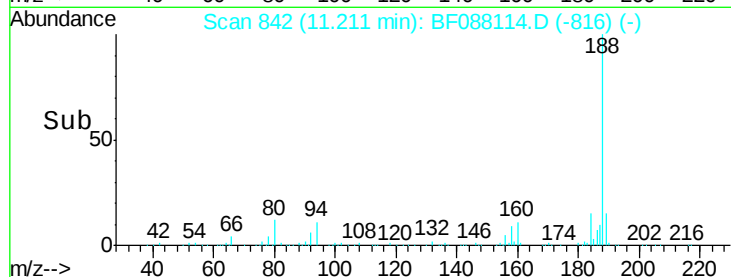
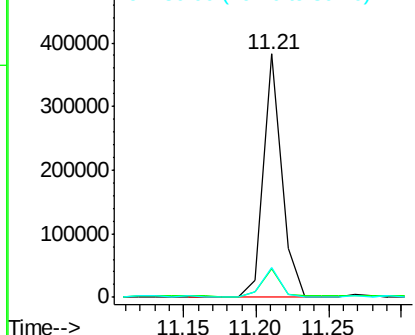
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088114.D
Acq: 18 Jun 2016 2:08

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:188 Resp: 337477
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 12.2 10.0 15.0

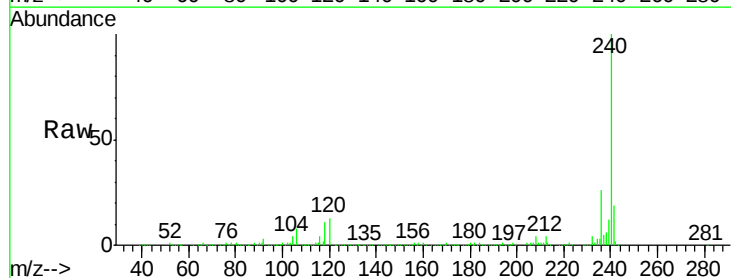


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

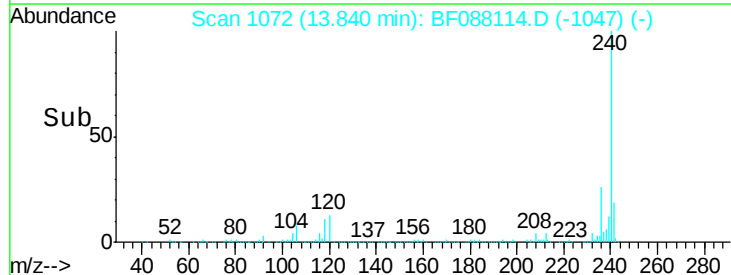
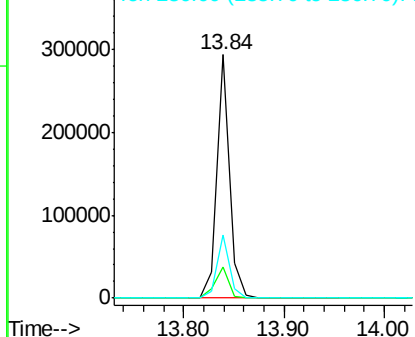


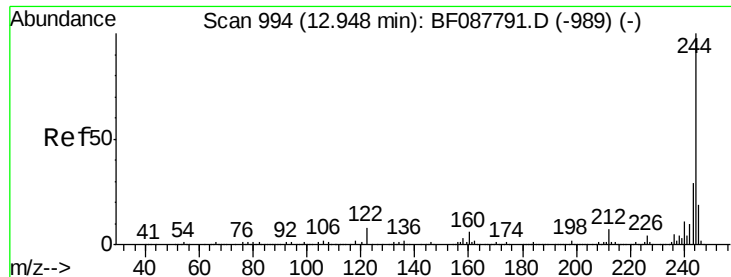
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088114.D
Acq: 18 Jun 2016 2:08

Tgt Ion:240 Resp: 256891
Ion Ratio Lower Upper
240 100
120 12.7 6.8 10.2#
236 25.9 20.2 30.2



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

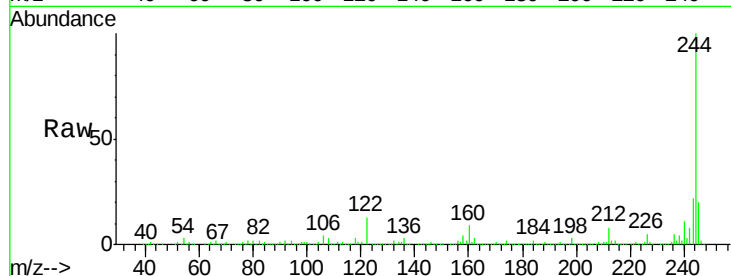




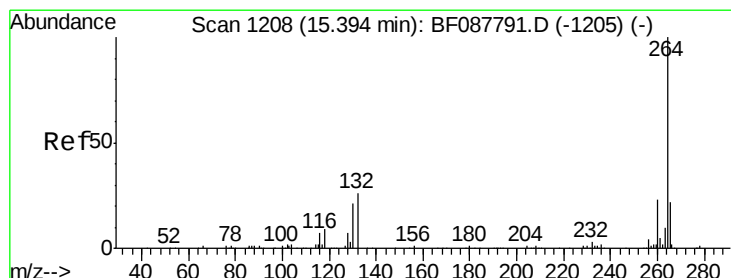
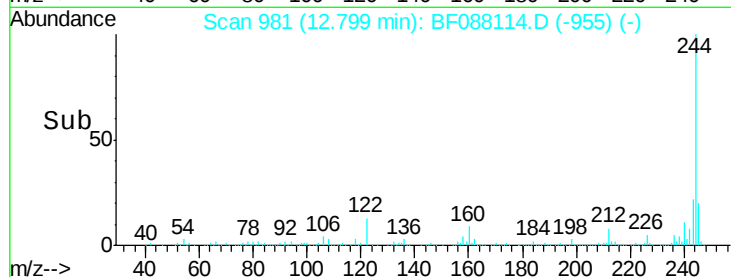
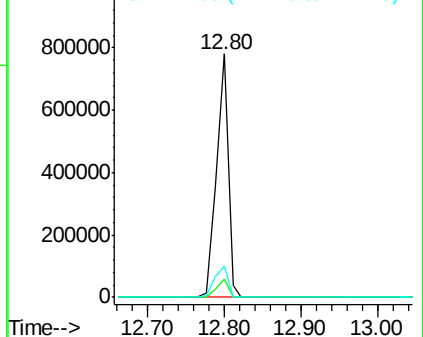
#78
 Terphenyl-d14
 Concen: 72.65 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088114.D
 Acq: 18 Jun 2016 2:08

Instrument :
 BNA_F
 ClientSampled :
 MW-19

Tot Ion:244 Resp: 820125
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.9 11.2 16.8

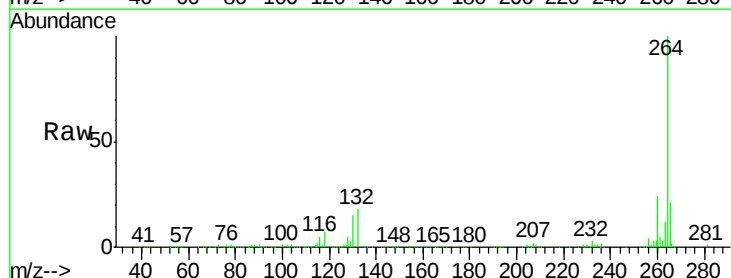


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088114.D
 Acq: 18 Jun 2016 2:08

Tgt Ion:264 Resp: 201723
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 16.9 25.3



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

