

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088222.D
 Acq On : 21 Jun 2016 19:46
 Operator : UM/SJ
 Sample : H3656-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY5

Quant Time: Jun 22 01:01:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	89039	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	349632	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	164429	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	312217	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	259295	20.00	ng	-0.01
86) Perylene-d12	15.17	264	191842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	339428	65.17	ng	-0.01
7) Phenol-d6	6.30	99	264721	41.94	ng	-0.03
23) Nitrobenzene-d5	7.22	82	479356	80.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	192517	110.88	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	877891	83.79	ng	-0.02
78) Terphenyl-d14	12.75	244	829350	72.78	ng	-0.01

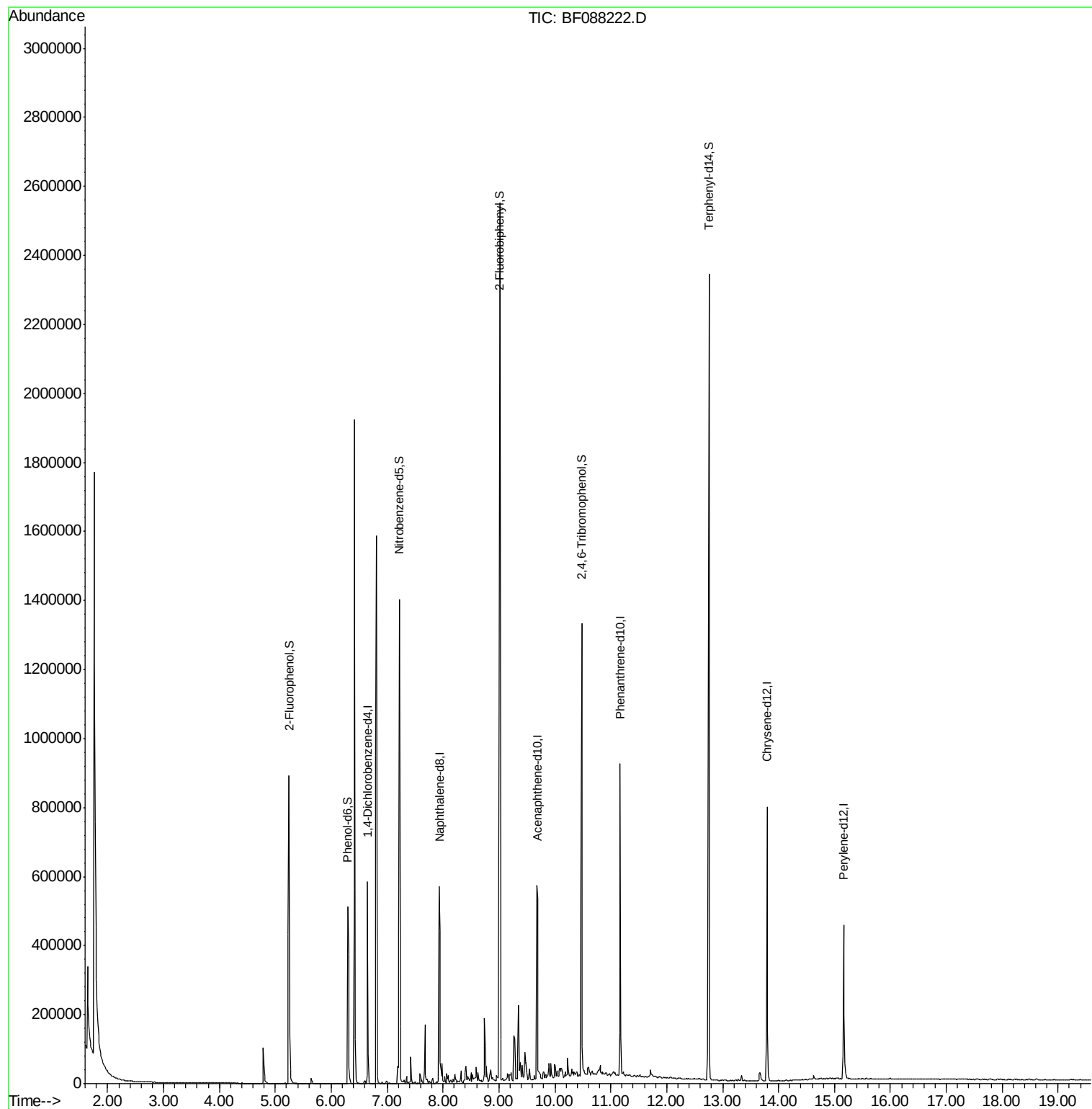
Target Compounds Qvalue

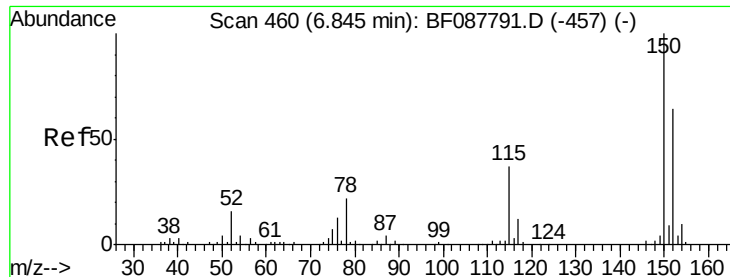
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

Instrument :

BNA_F

ClientSampleId :

DAY5

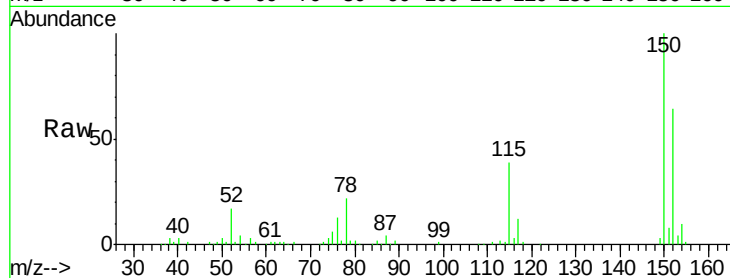
Tot Ion:152 Resp: 89039

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

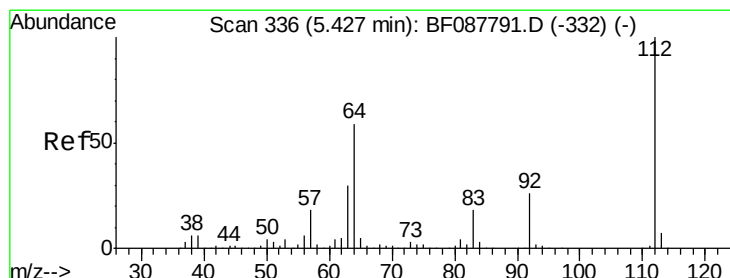
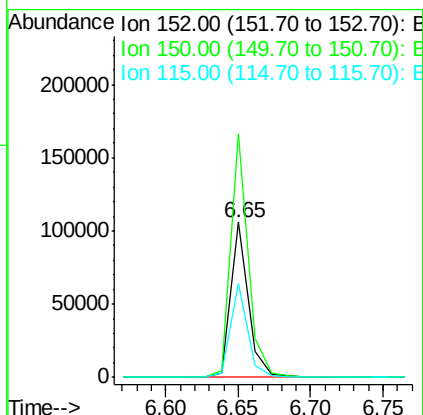
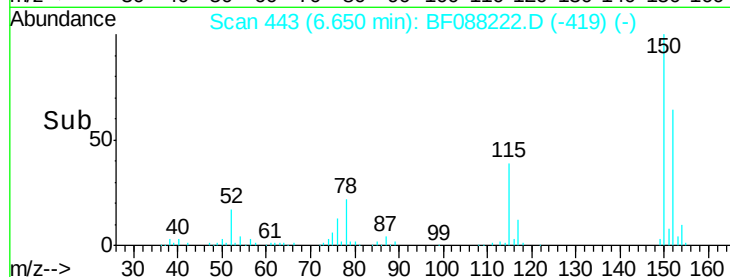
115 60.7 39.6 59.4#



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: 65.17 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

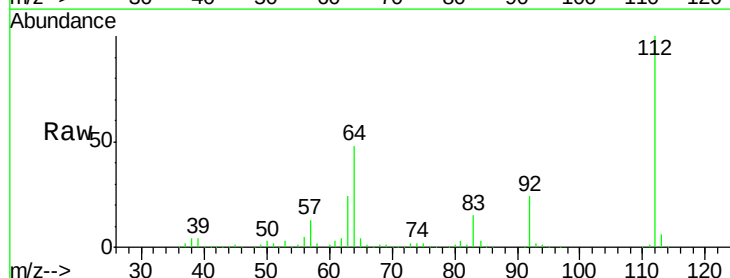
Tgt Ion:112 Resp: 339428

Ion Ratio Lower Upper

112 100

64 47.6 42.2 63.2

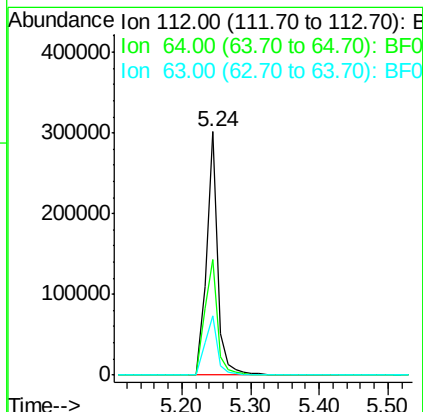
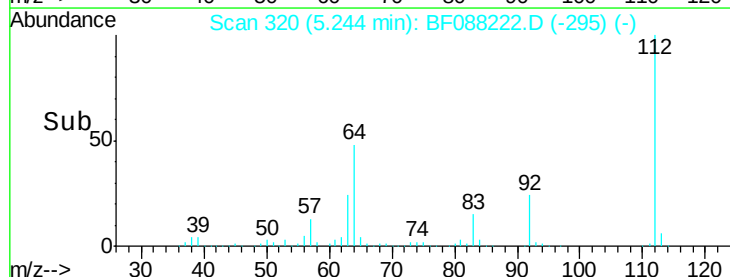
63 24.2 21.8 32.8

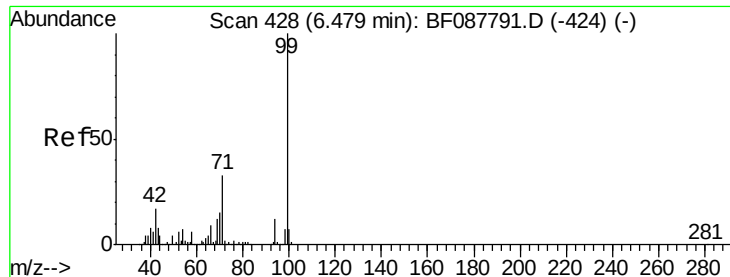


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.94 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

Instrument :

BNA_F

ClientSampled :

DAY5

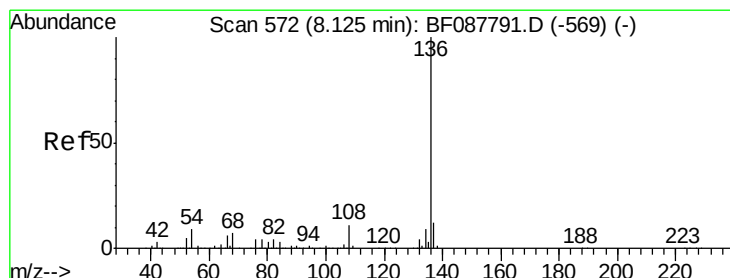
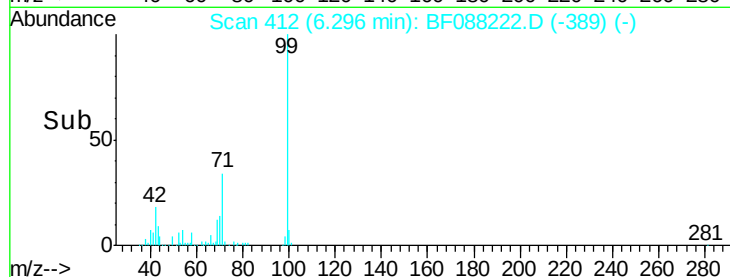
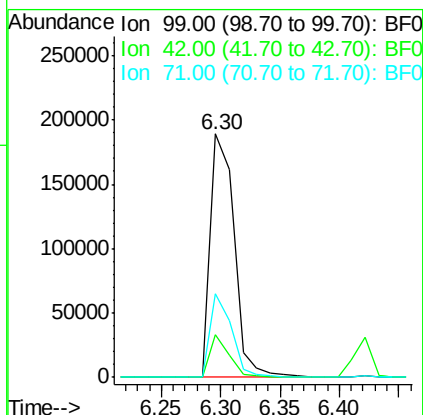
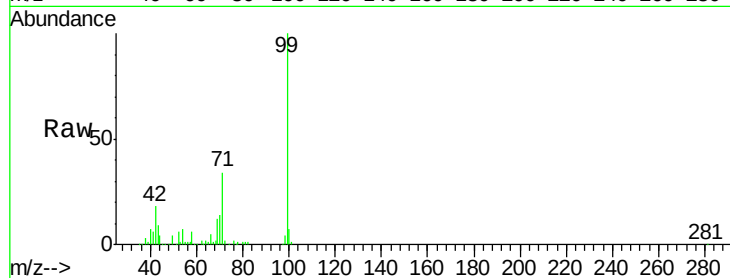
Tot Ion: 99 Resp: 264721

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 34.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

Tgt Ion: 136 Resp: 349632

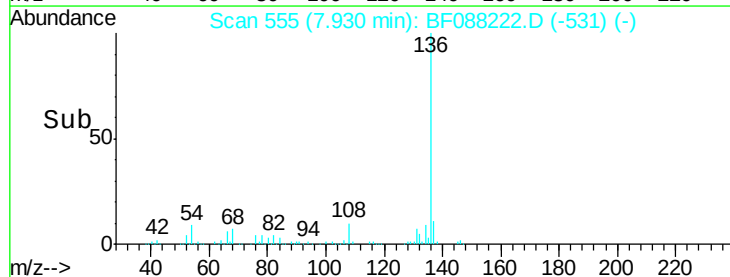
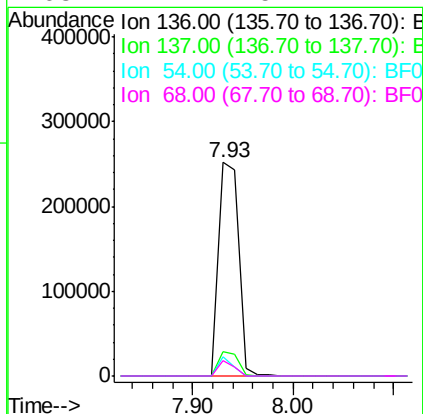
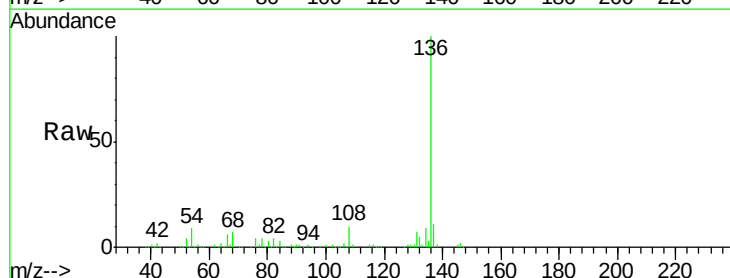
Ion Ratio Lower Upper

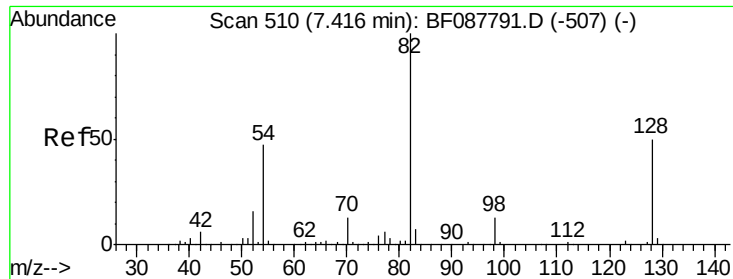
136 100

137 11.4 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7

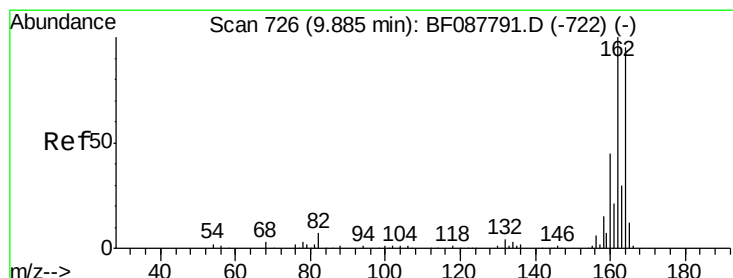
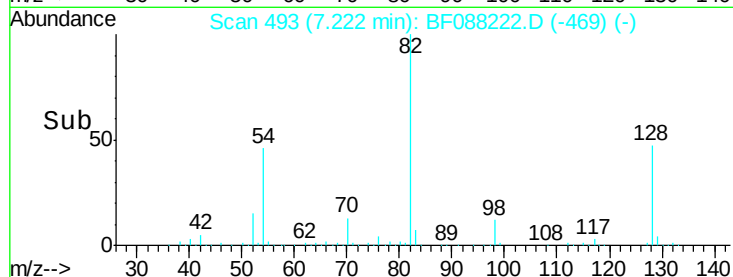
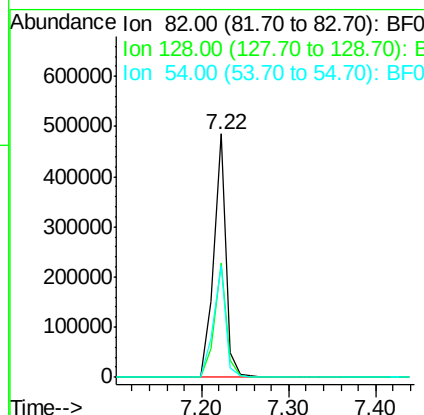
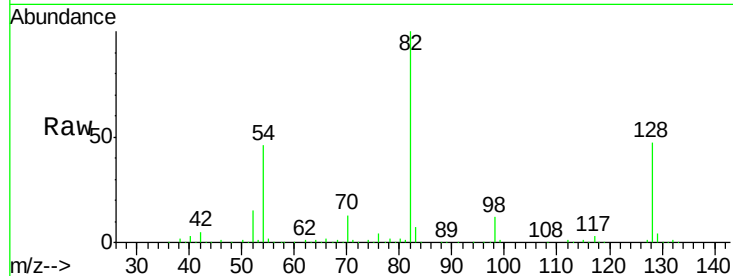




#23
 Nitrobenzene-d5
 Concen: 80.06 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF088222.D
 Acq: 21 Jun 2016 19:46

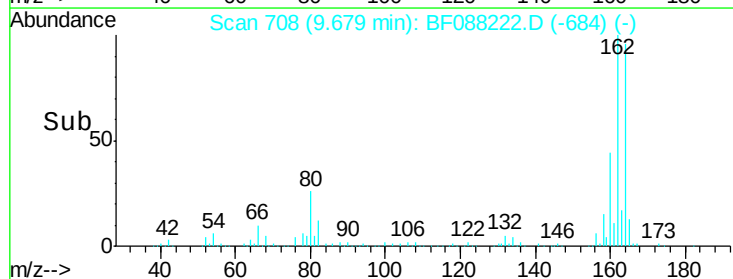
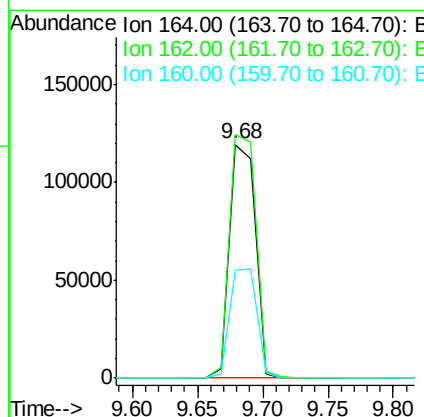
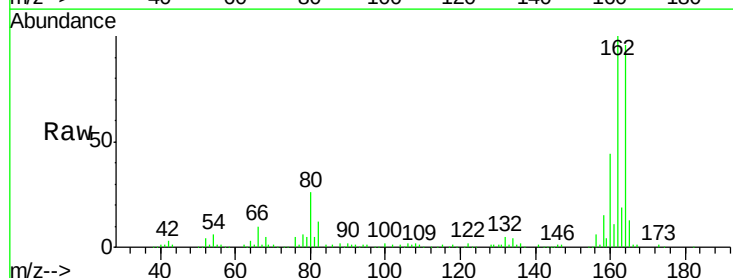
Instrument :
 BNA_F
 ClientSampleId :
 DAY5

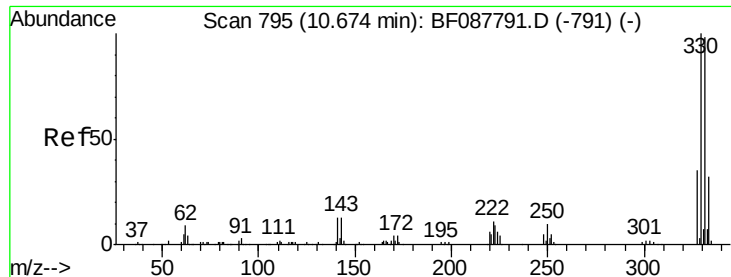
Tot Ion: 82 Resp: 479356
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.9 53.9
 54 46.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BF088222.D
 Acq: 21 Jun 2016 19:46

Tgt Ion:164 Resp: 164429
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.1 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 110.88 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

Instrument :

BNA_F

ClientSampleId :

DAY5

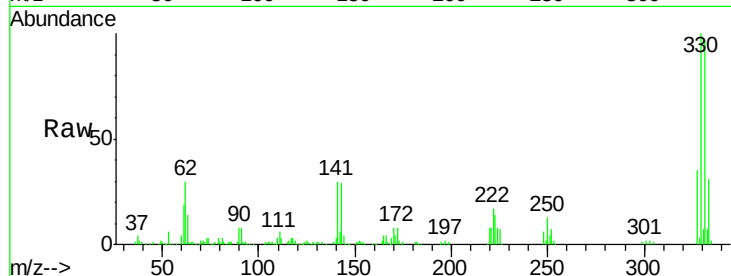
Tot Ion:330 Resp: 192517

Ion Ratio Lower Upper

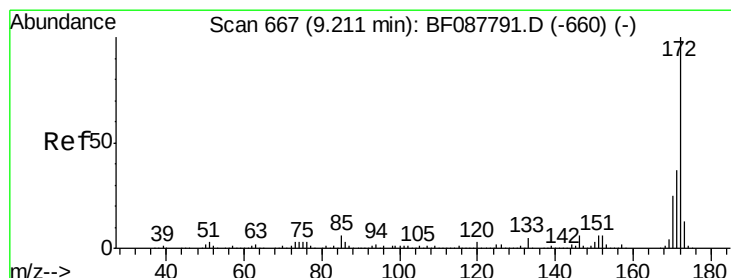
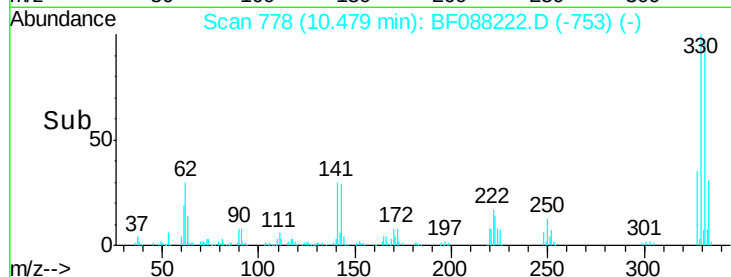
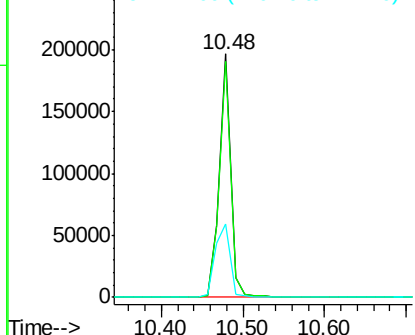
330 100

332 96.9 0.0 0.0#

141 40.4 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: 83.79 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF088222.D

Acq: 21 Jun 2016 19:46

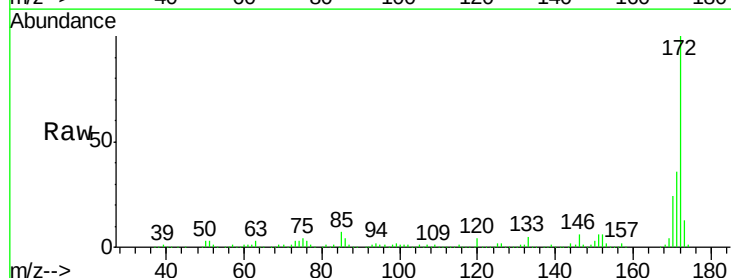
Tgt Ion:172 Resp: 877891

Ion Ratio Lower Upper

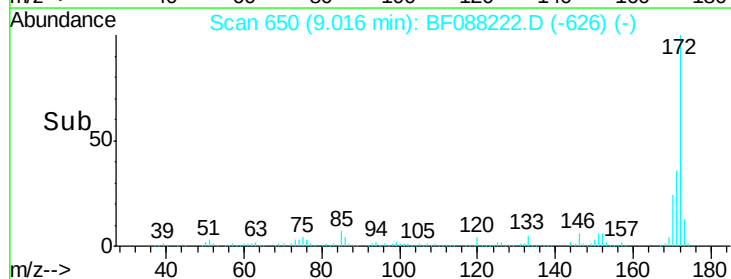
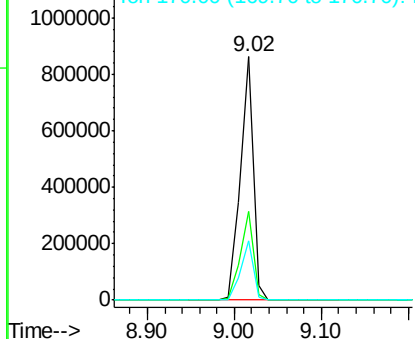
172 100

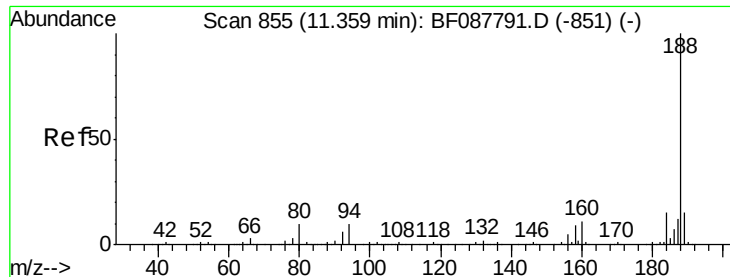
171 36.2 28.6 43.0

170 24.3 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

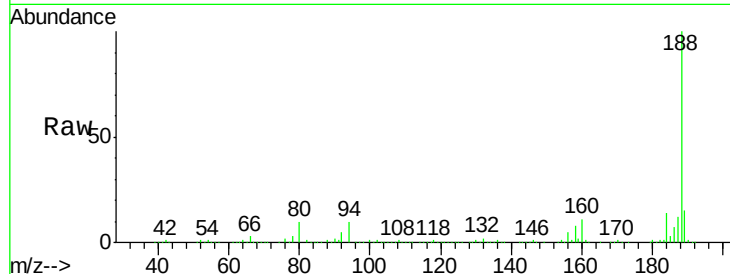




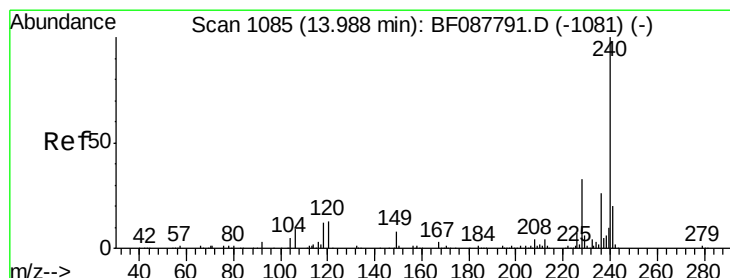
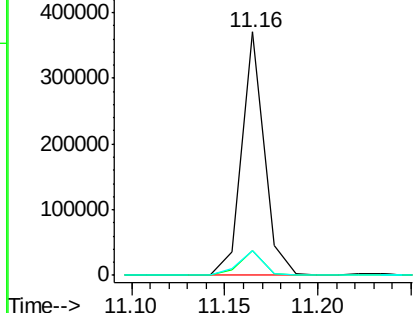
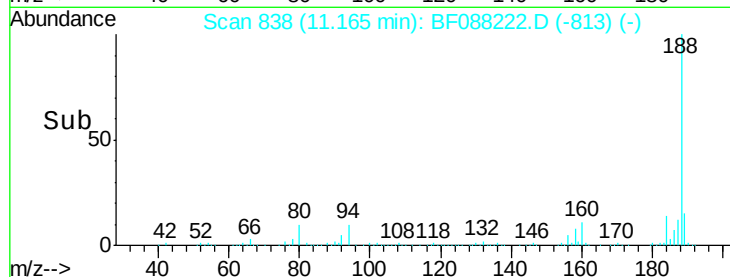
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tot Ion:188 Resp: 312217
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 9.9 10.0 15.0#

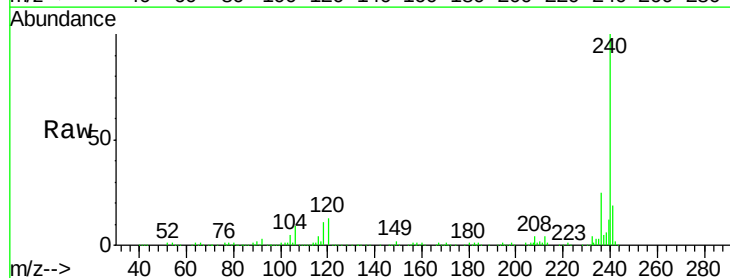


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

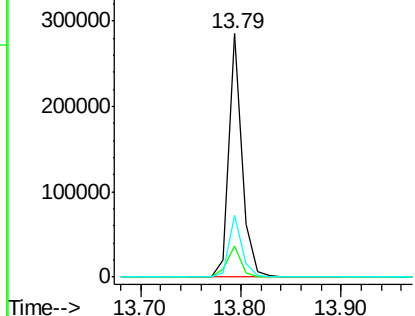
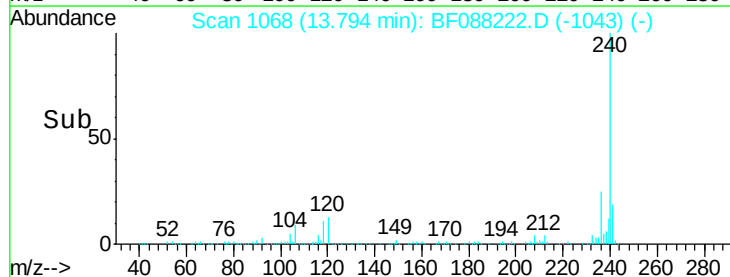


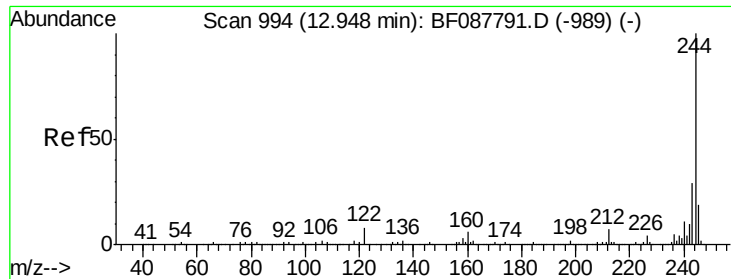
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:240 Resp: 259295
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 25.4 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

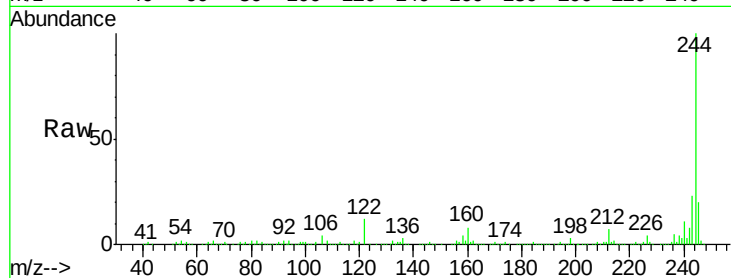




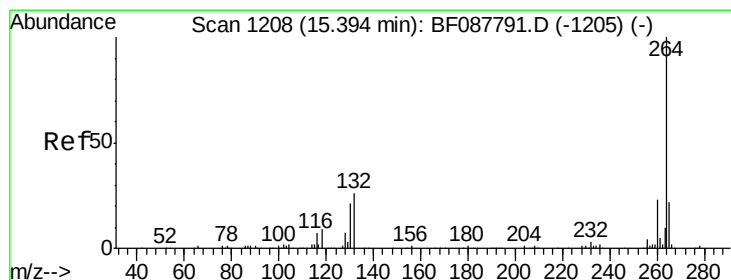
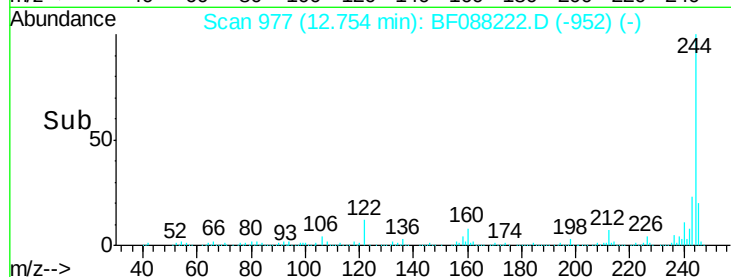
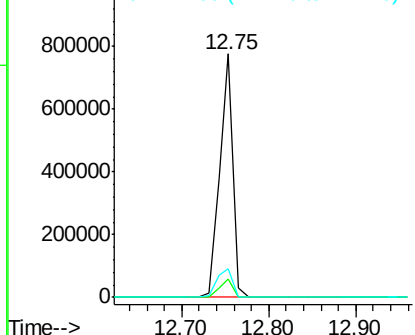
#78
 Terphenyl-d14
 Concen: 72.78 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088222.D
 Acq: 21 Jun 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 DAY5

Tot Ion:244 Resp: 829350
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.9 11.2 16.8

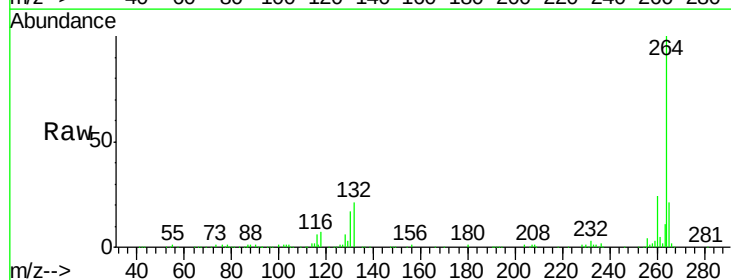


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088222.D
 Acq: 21 Jun 2016 19:46

Tgt Ion:264 Resp: 191842
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

