

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086520.D
 Acq On : 30 Apr 2016 13:34
 Operator : UM/SJ
 Sample : PB90140BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BL

Quant Time: May 01 03:57:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144058	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	629927	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	304967	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	620421	20.00	ng	0.00
75) Chrysene-d12	13.92	240	551567	20.00	ng	0.00
86) Perylene-d12	15.31	264	427380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1134782	135.87	ng	0.01
7) Phenol-d6	6.41	99	1421376	121.94	ng	0.00
23) Nitrobenzene-d5	7.33	82	946972	81.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	353653	109.96	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1437198	81.80	ng	-0.01
78) Terphenyl-d14	12.88	244	1658126	66.23	ng	0.00

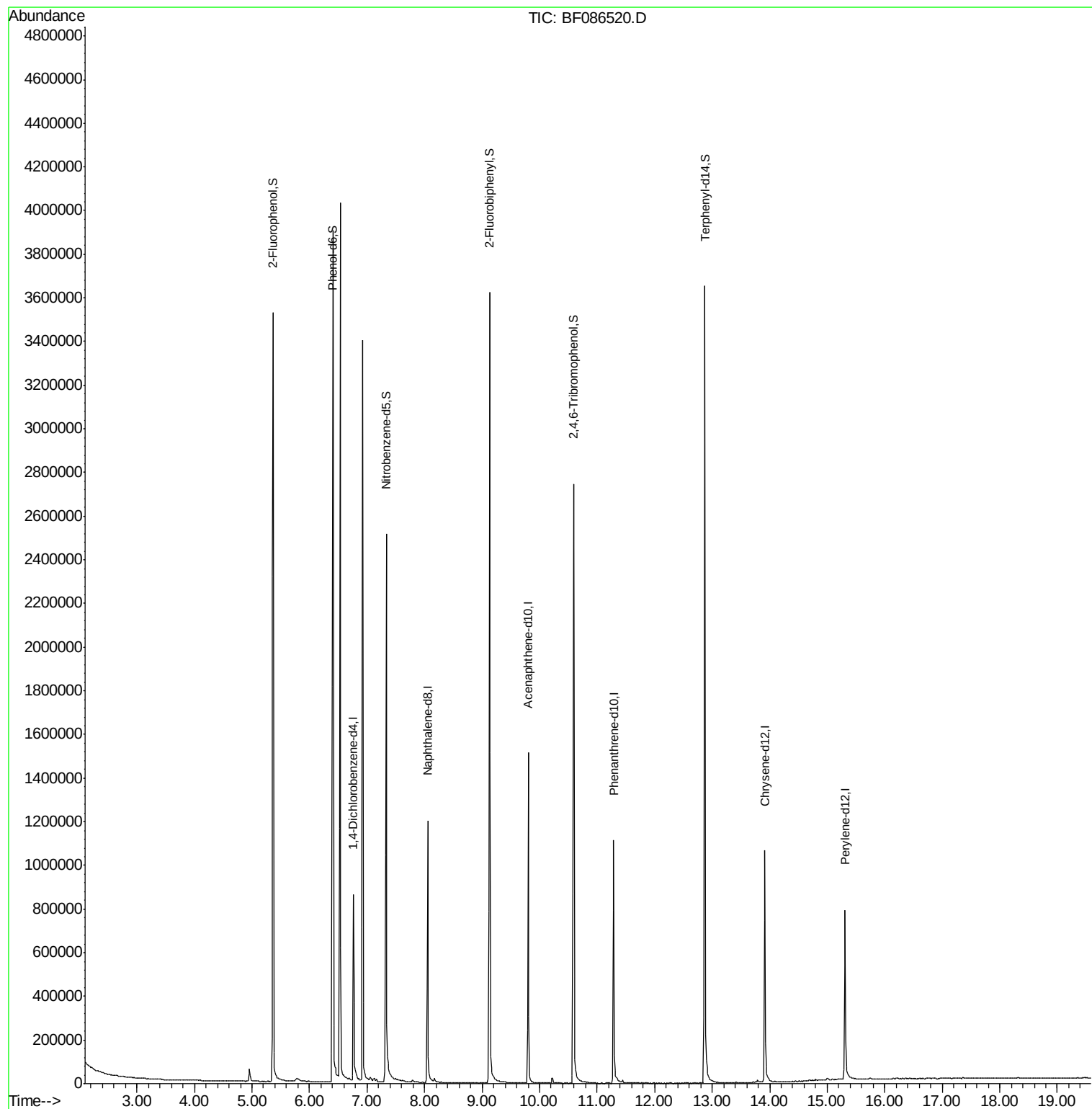
Target Compounds	Qvalue
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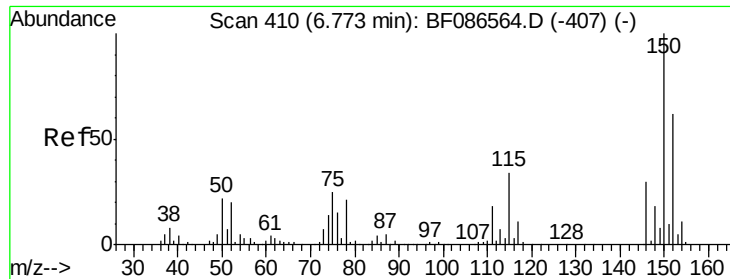
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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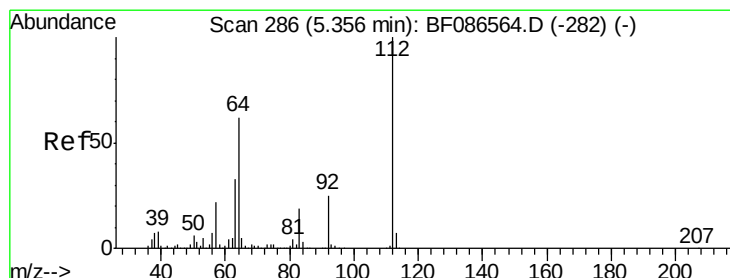
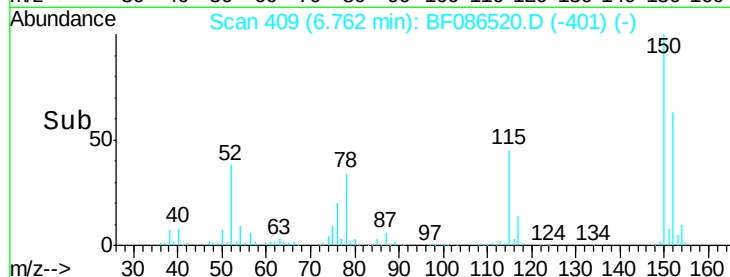
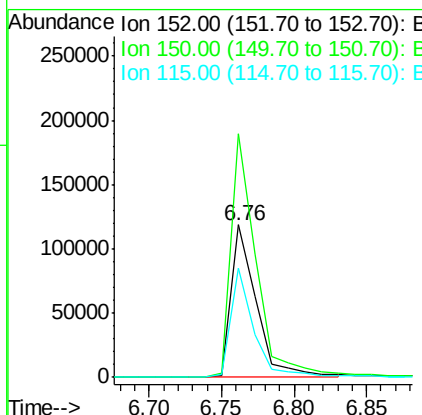
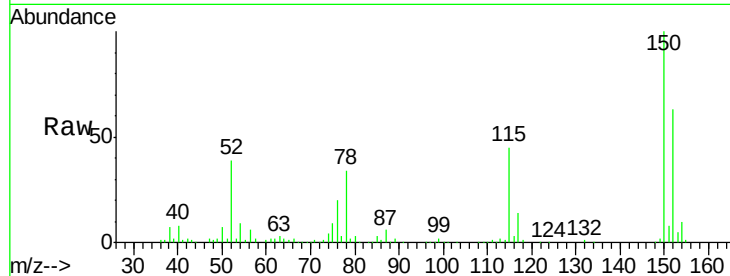




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

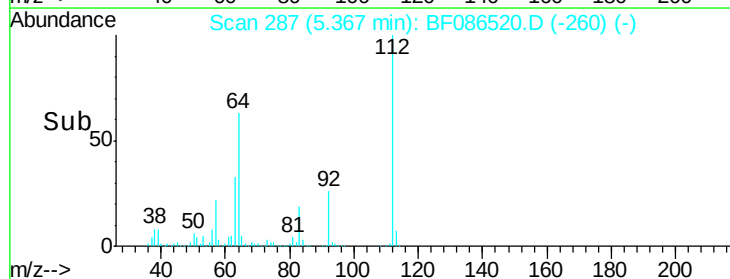
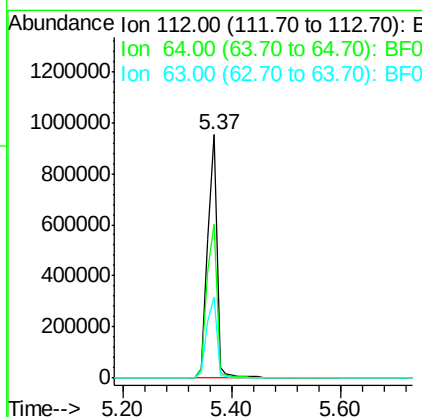
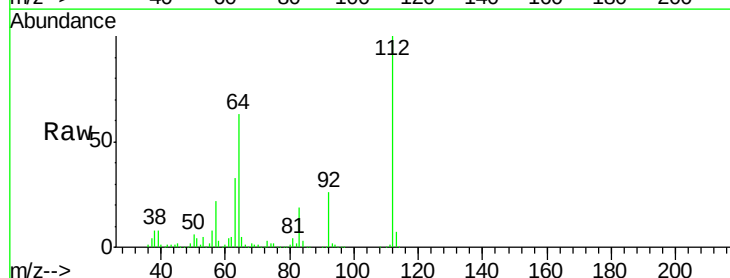
Instrument :
 BNA_F
 ClientSampleID :
 PB90140BL

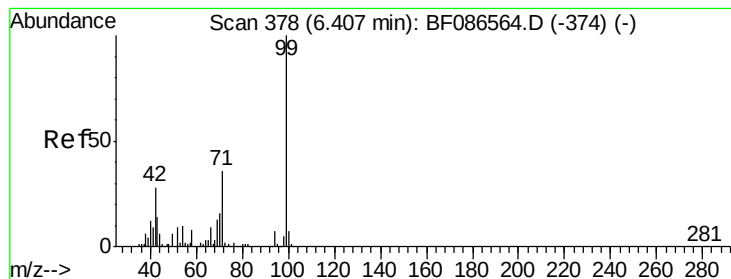
Tgt Ion:152 Resp: 144058
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.8 188.6
 115 71.2 51.5 77.3



#5
 2-Fluorophenol
 Concen: 135.87 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:112 Resp: 1134782
 Ion Ratio Lower Upper
 112 100
 64 63.0 52.1 78.1
 63 33.3 25.7 38.5





#7

Phenol-d6

Concen: 121.94 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :

BNA_F

ClientSampleId :

PB90140BL

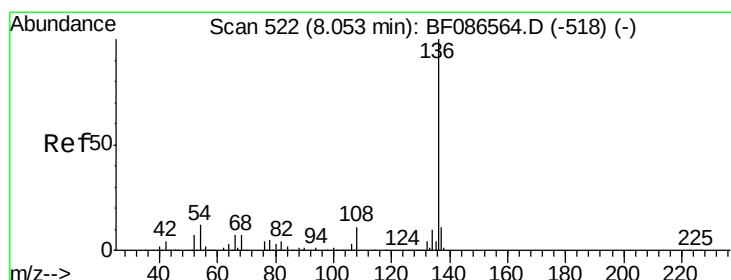
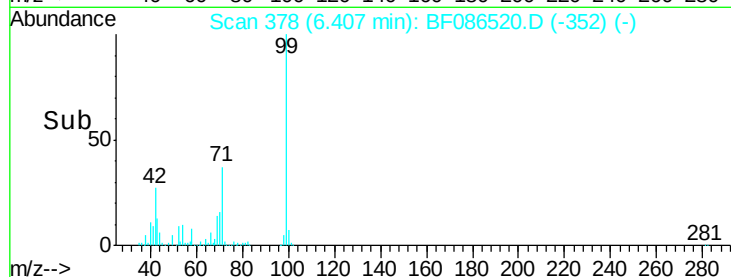
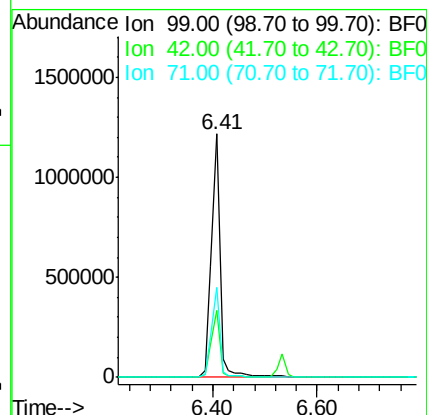
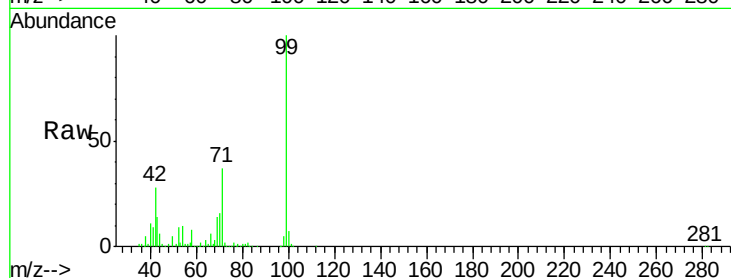
Tgt Ion: 99 Resp: 1421376

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

71 36.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Tgt Ion: 136 Resp: 629927

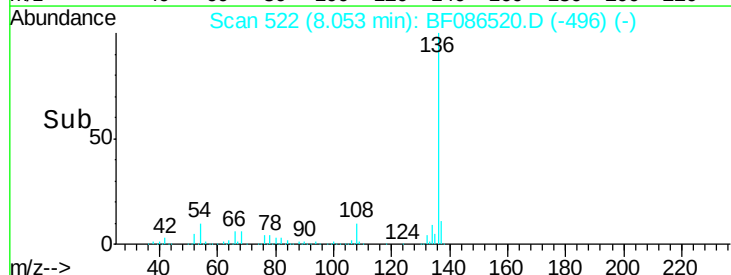
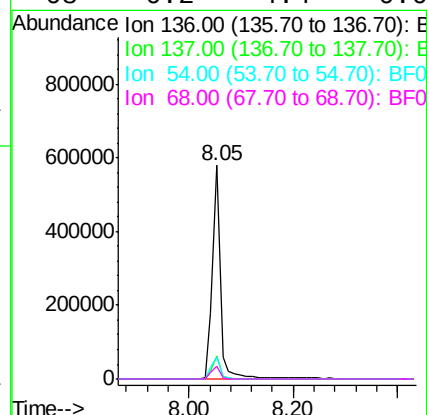
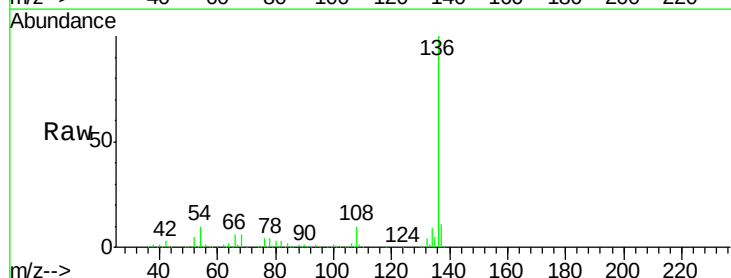
Ion Ratio Lower Upper

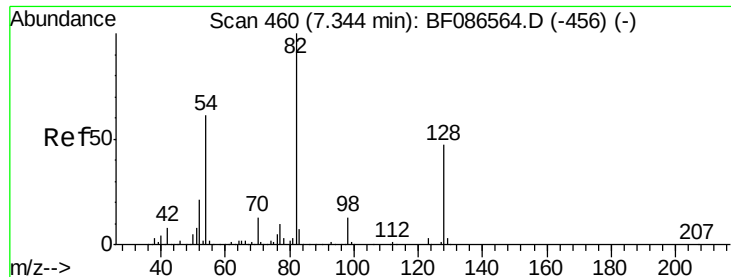
136 100

137 11.1 8.8 13.2

54 10.0 5.0 7.4#

68 6.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 81.03 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :

BNA_F

ClientSampleId :

PB90140BL

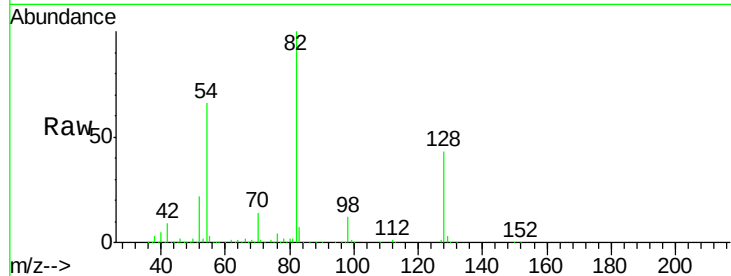
Tgt Ion: 82 Resp: 946972

Ion Ratio Lower Upper

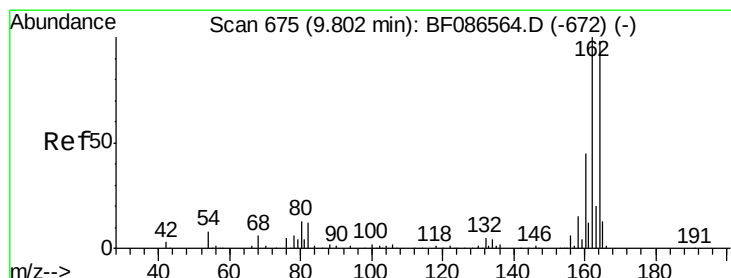
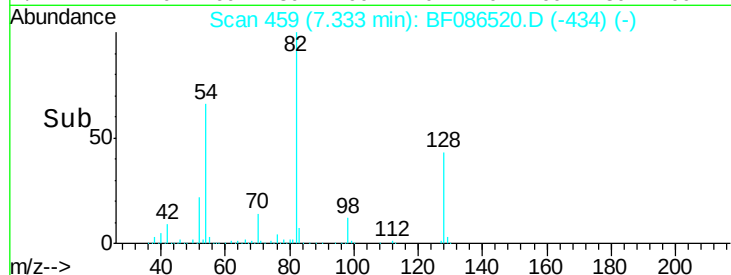
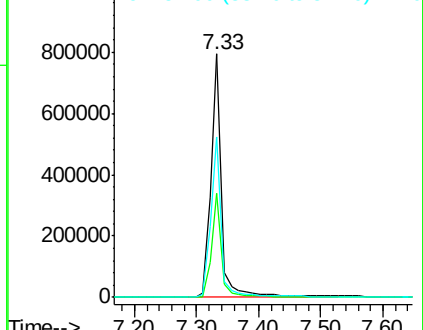
82 100

128 42.6 40.6 61.0

54 66.1 38.1 57.1#



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

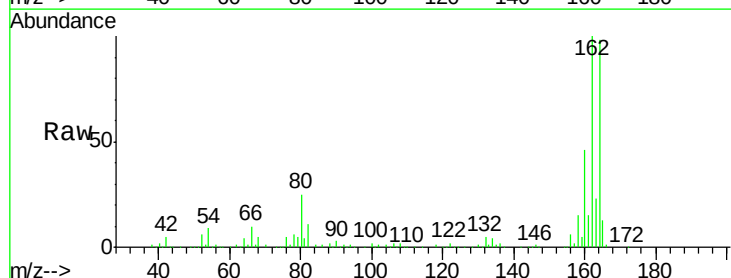
Tgt Ion: 164 Resp: 304967

Ion Ratio Lower Upper

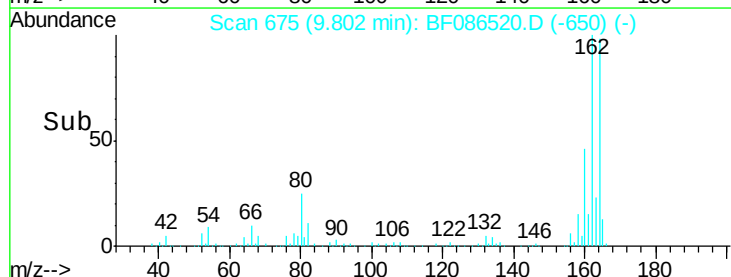
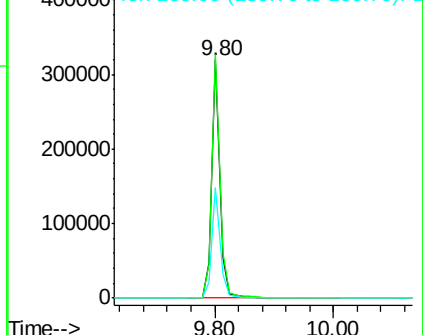
164 100

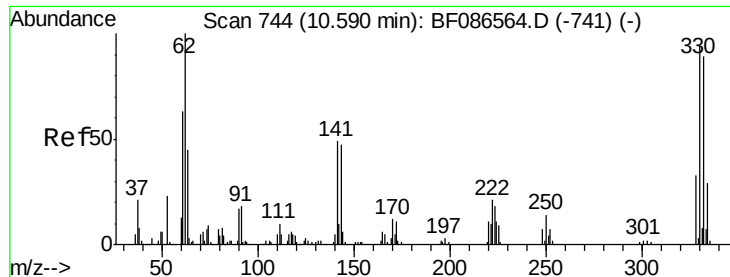
162 102.2 82.8 124.2

160 46.5 36.9 55.3



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

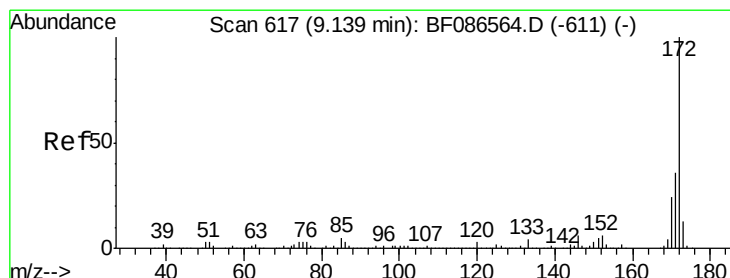
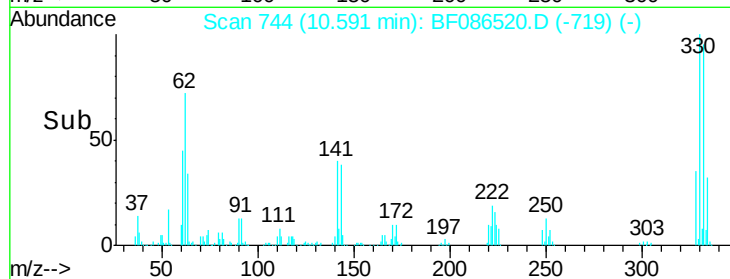
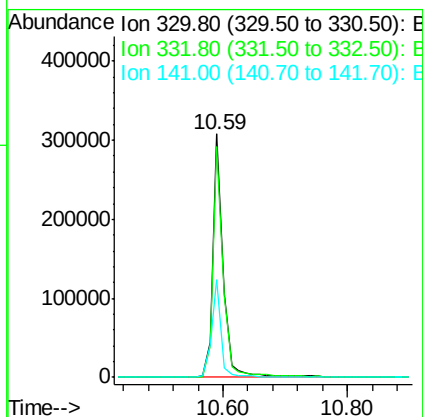
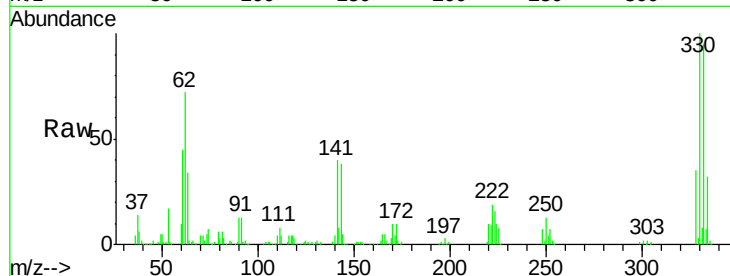




#41
 2,4,6-Tribromophenol
 Concen: 109.96 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

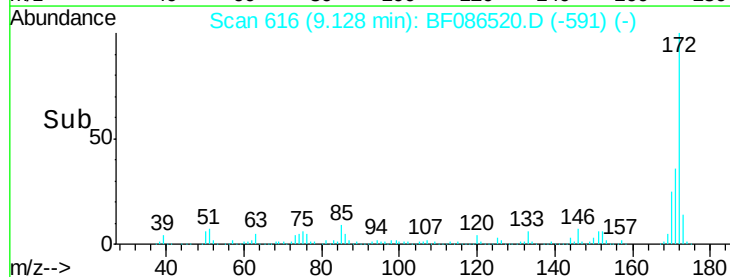
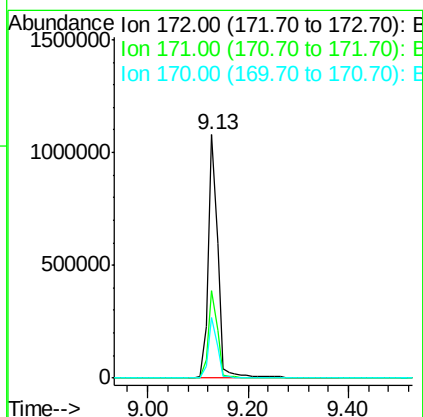
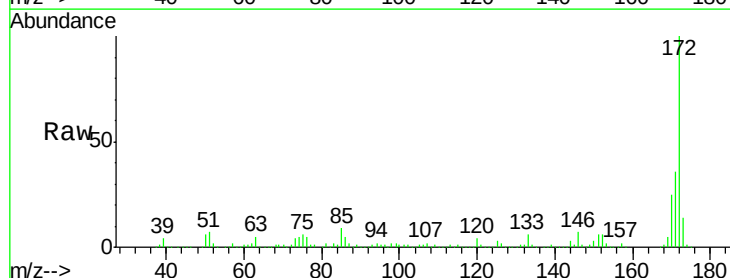
Instrument :
 BNA_F
 ClientSampleId :
 PB90140BL

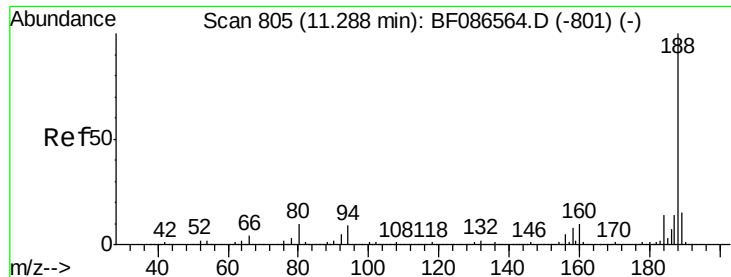
Tgt Ion:330 Resp: 353653
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 38.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 81.80 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:172 Resp: 1437198
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.7 19.8 29.8

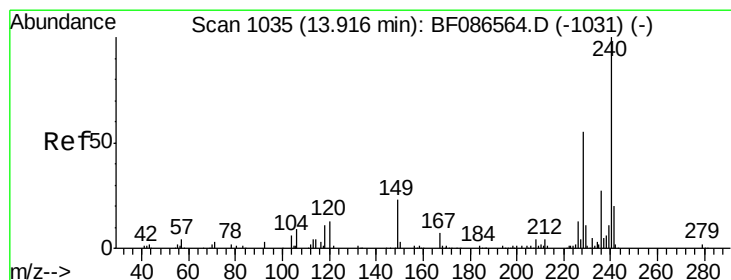
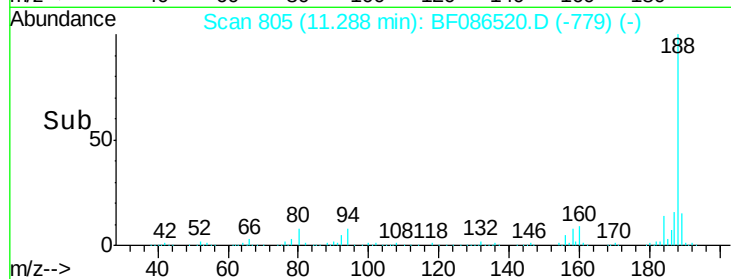
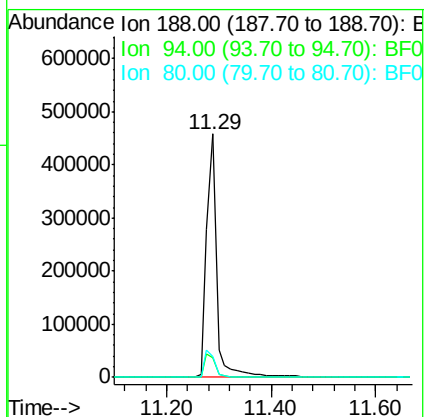
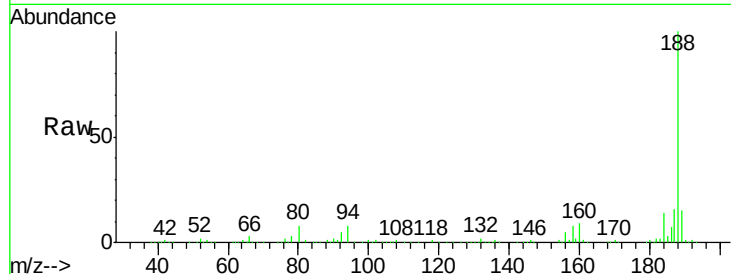




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086520.D
Acq: 30 Apr 2016 13:34

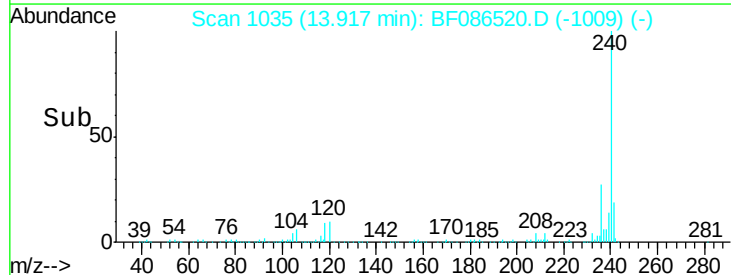
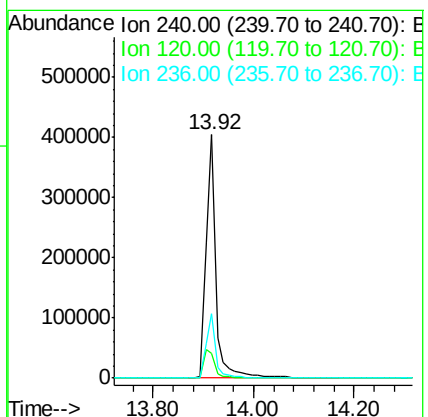
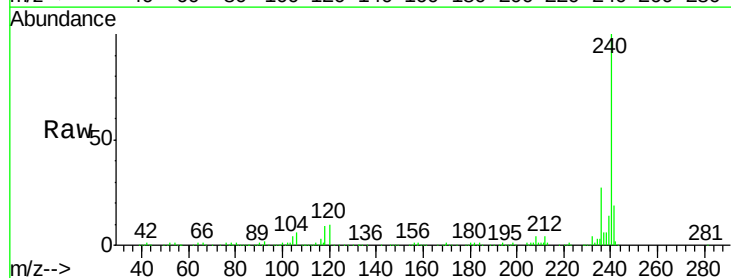
Instrument :
BNA_F
ClientSampleId :
PB90140BL

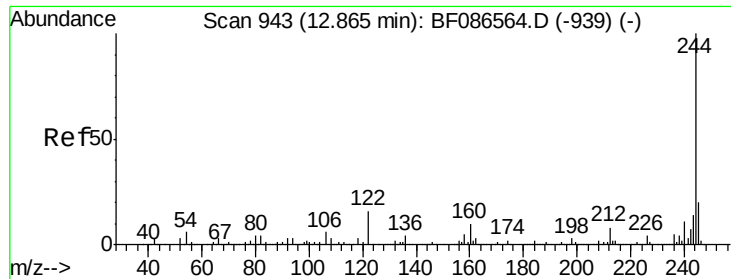
Tgt Ion:188 Resp: 620421
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.4 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086520.D
Acq: 30 Apr 2016 13:34

Tgt Ion:240 Resp: 551567
Ion Ratio Lower Upper
240 100
120 10.0 11.2 16.8#
236 26.7 21.2 31.8

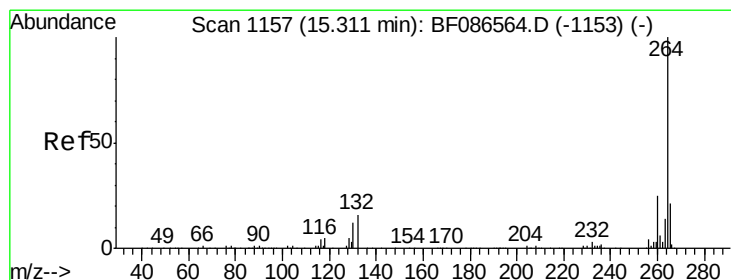
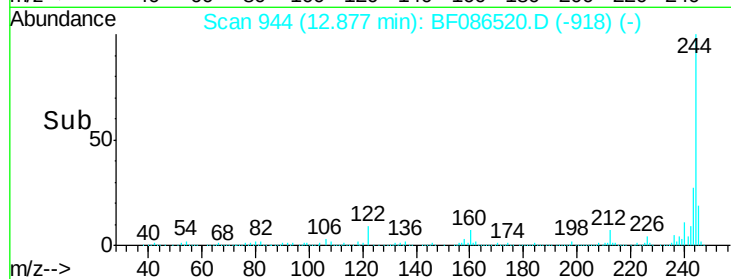
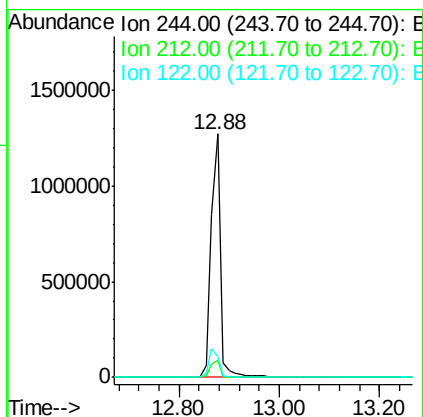
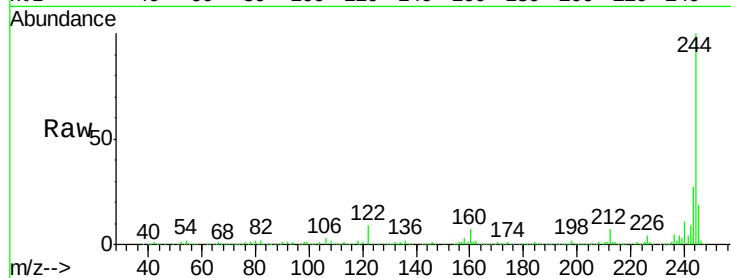




#78
 Terphenyl-d14
 Concen: 66.23 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BL

Tgt Ion:244 Resp: 1658126
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.7 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:264 Resp: 427380
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.9 17.3 25.9

