

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086728.D
 Acq On : 6 May 2016 17:11
 Operator : UM/SJ
 Sample : PB90268BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BL

Quant Time: May 07 03:33:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	148792	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	620252	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	306472	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	569600	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	454210	40.00	ng	-0.01
86) Perylene-d12	15.23	264	356717	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1106660	123.13	ng	0.01
7) Phenol-d6	6.37	99	1264087	104.41	ng	-0.01
23) Nitrobenzene-d5	7.28	82	827470	68.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	339454	113.23	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1426007	76.27	ng	-0.01
78) Terphenyl-d14	12.81	244	1340982	59.67	ng	0.00

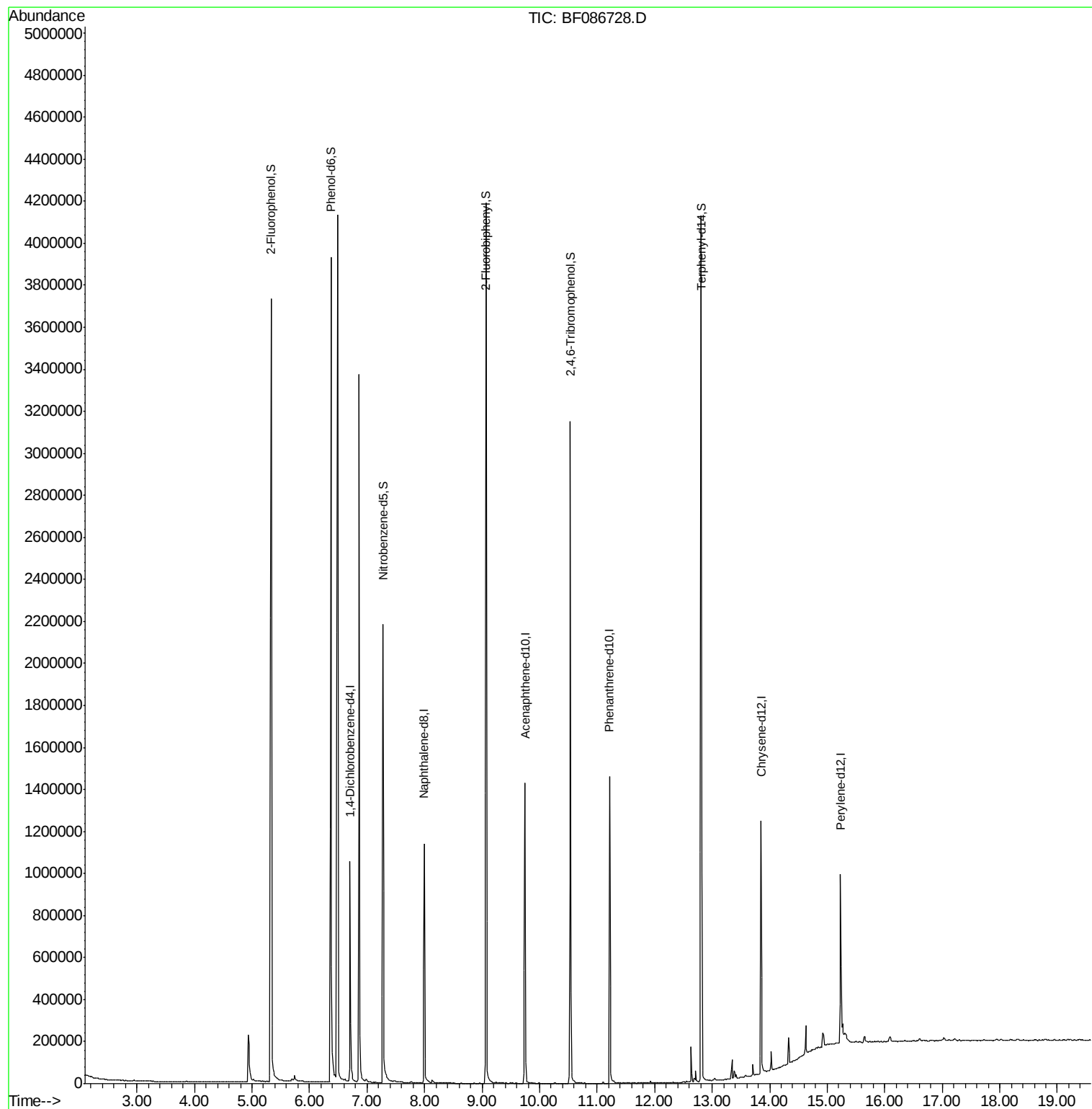
Target Compounds	Qvalue
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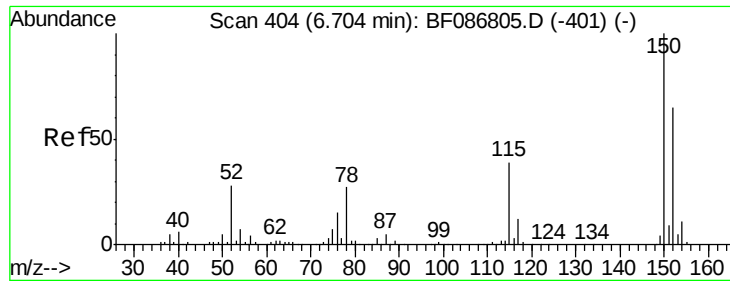
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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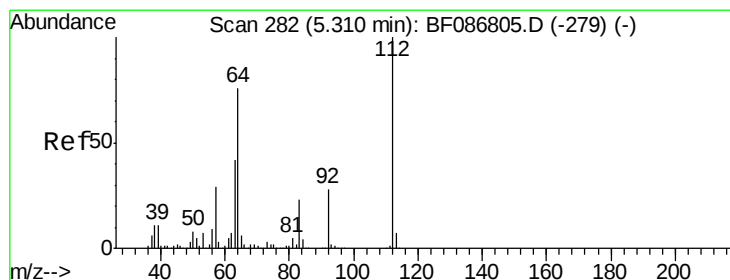
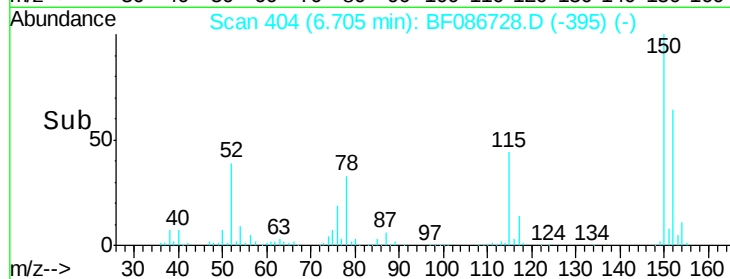
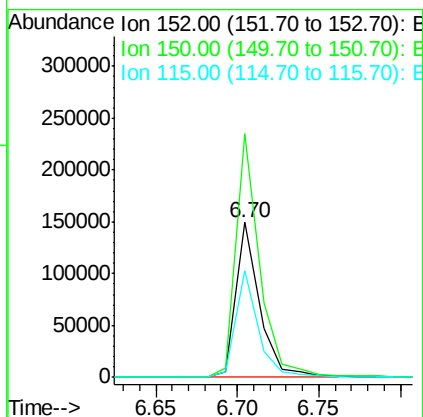
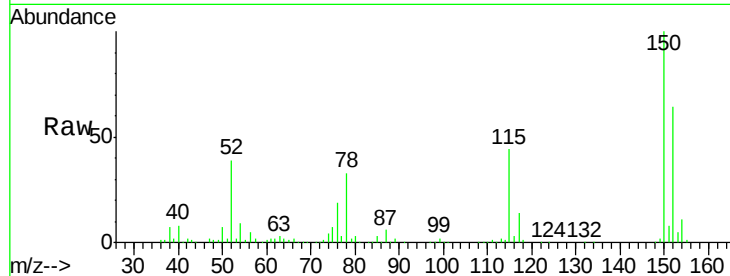




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

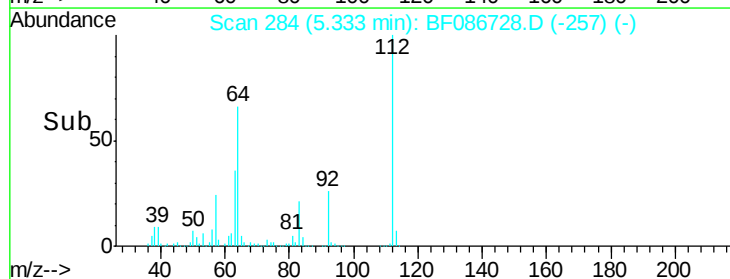
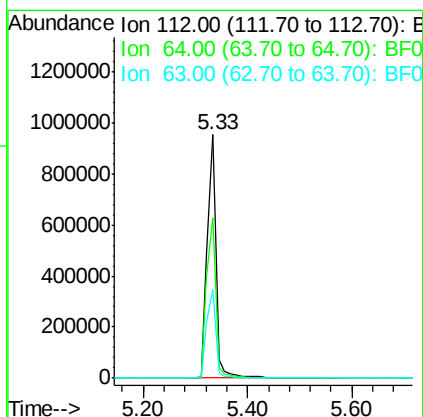
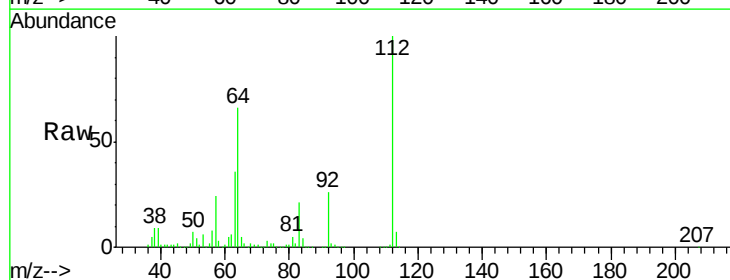
Instrument :
 BNA_F
 ClientSampleId :
 PB90268BL

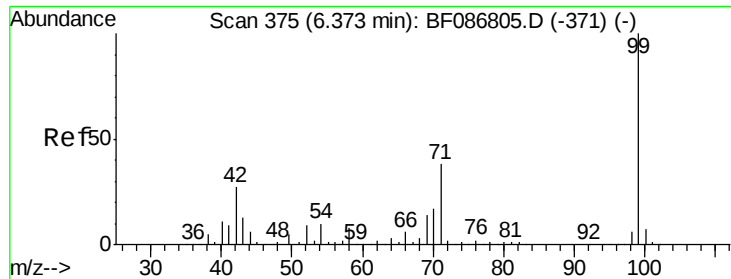
Tgt Ion:152 Resp: 148792
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.8 188.6
 115 68.8 51.5 77.3



#5
 2-Fluorophenol
 Concen: 123.13 ng
 RT: 5.33 min Scan# 284
 Delta R.T. 0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Tgt Ion:112 Resp: 1106660
 Ion Ratio Lower Upper
 112 100
 64 65.7 52.1 78.1
 63 36.3 25.7 38.5





#7

Phenol-d6

Concen: 104.41 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB90268BL

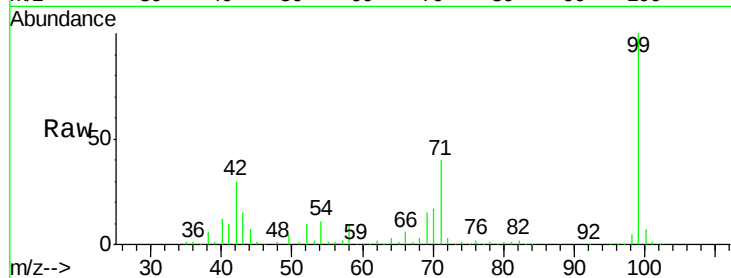
Tgt Ion: 99 Resp: 1264087

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

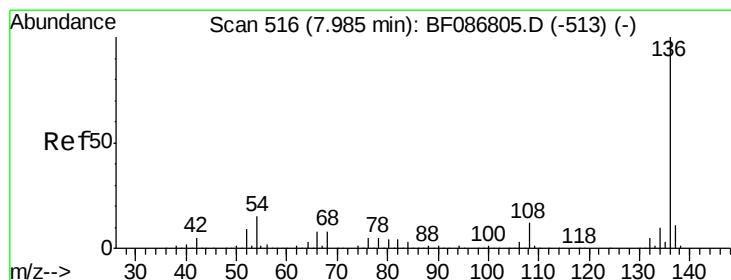
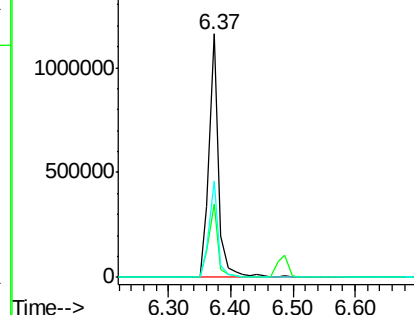
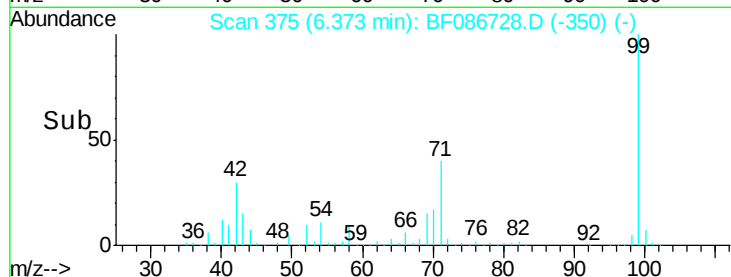
71 39.6 24.6 36.8#



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: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Tgt Ion: 136 Resp: 620252

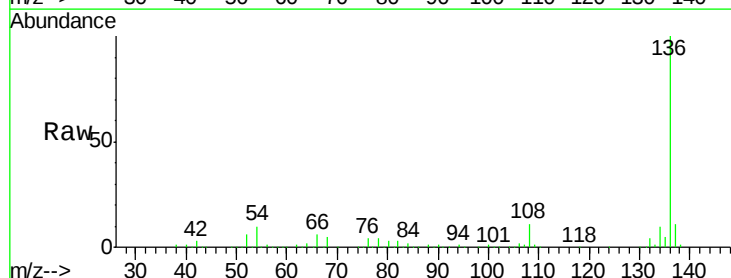
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.9 5.0 7.4#

68 5.5 4.4 6.6

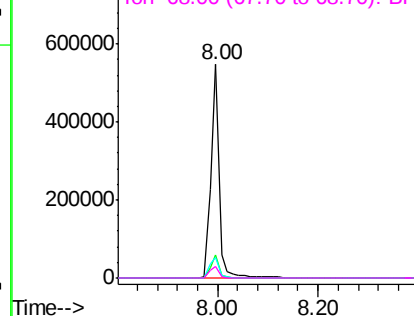
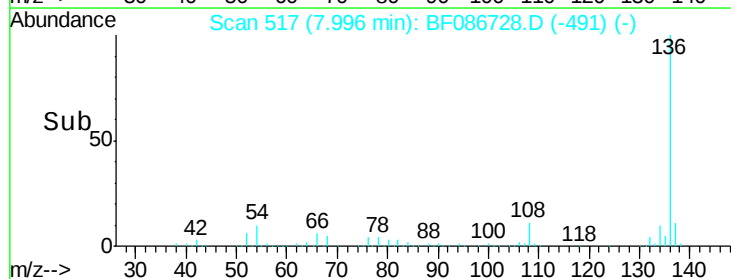


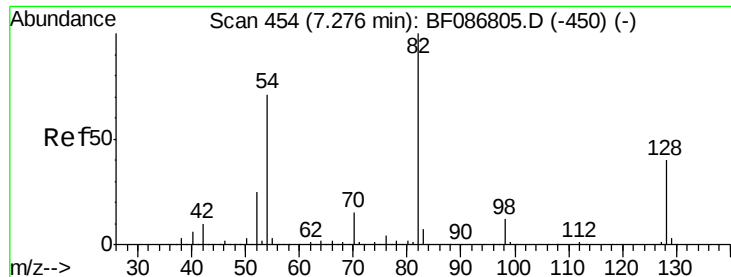
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.56 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB90268BL

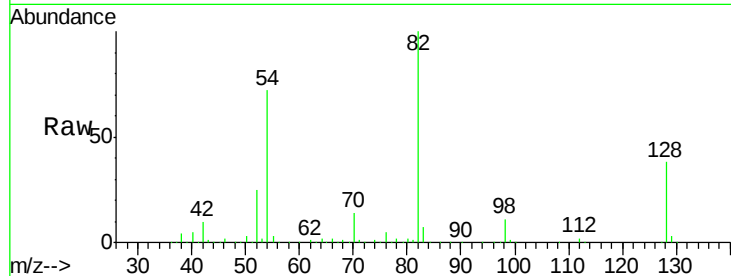
Tgt Ion: 82 Resp: 827470

Ion Ratio Lower Upper

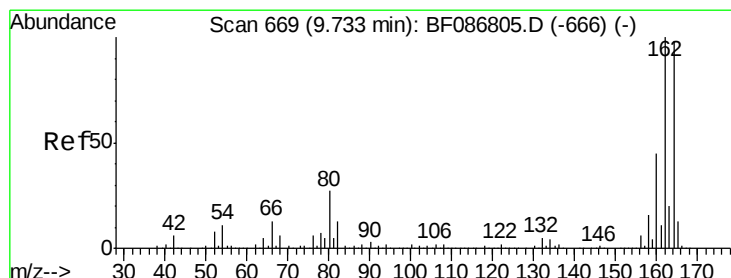
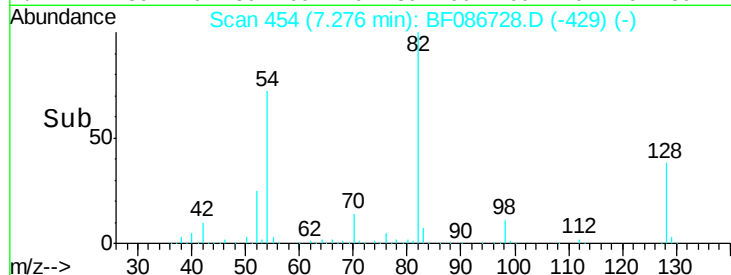
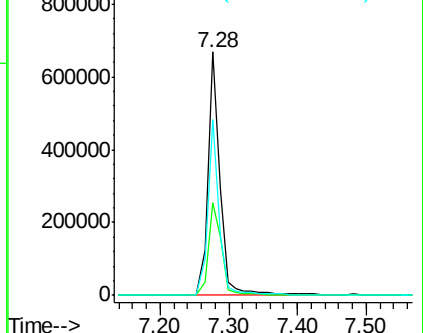
82 100

128 37.9 40.6 61.0#

54 72.2 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: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

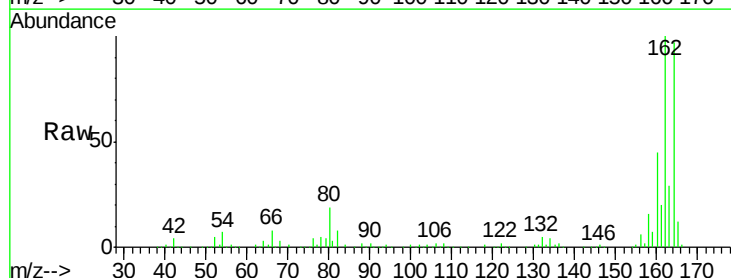
Tgt Ion: 164 Resp: 306472

Ion Ratio Lower Upper

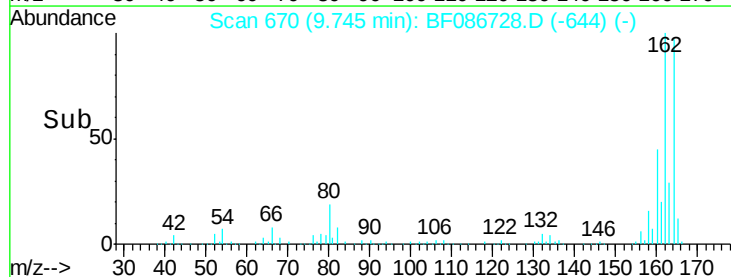
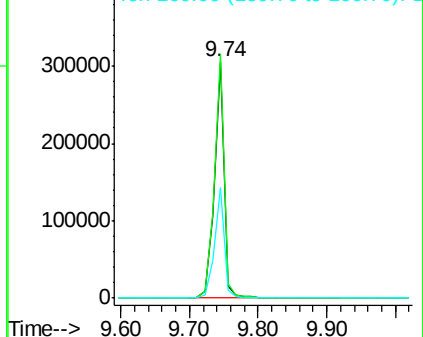
164 100

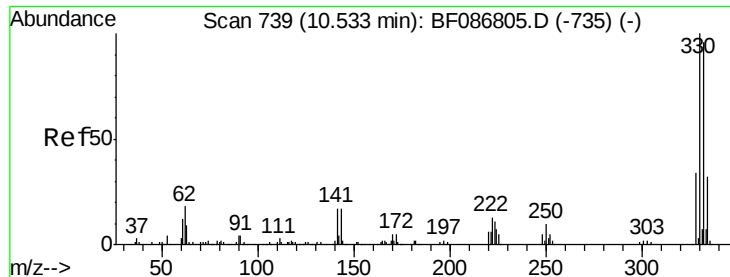
162 103.1 82.8 124.2

160 46.6 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

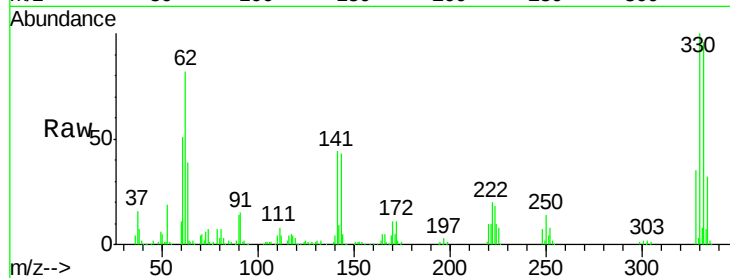




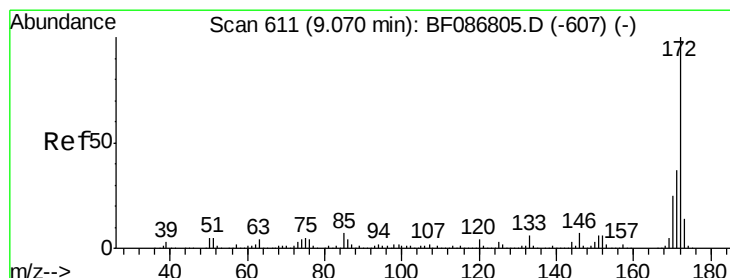
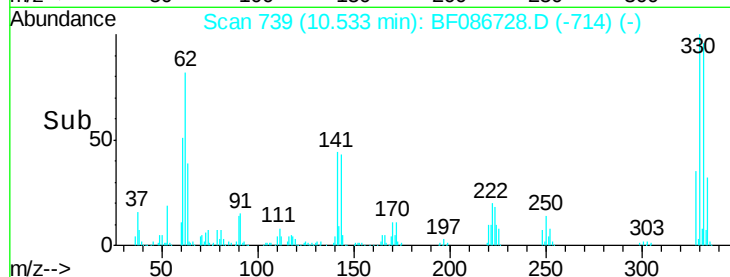
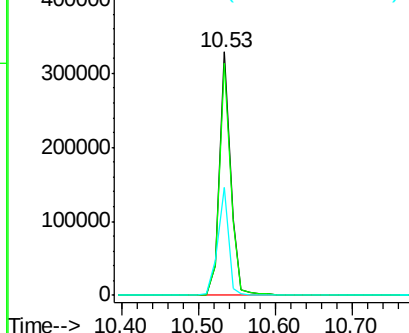
#41
 2,4,6-Tribromophenol
 Concen: 113.23 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BL

Tgt Ion:330 Resp: 339454
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.4 31.2 46.8

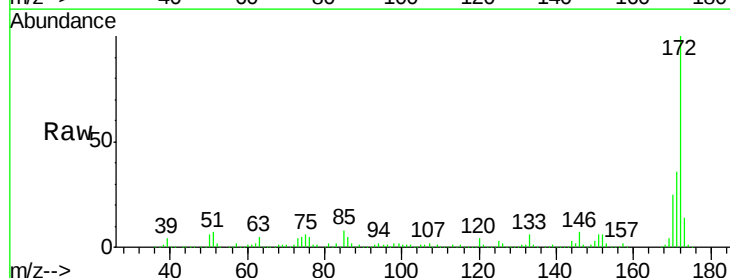


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

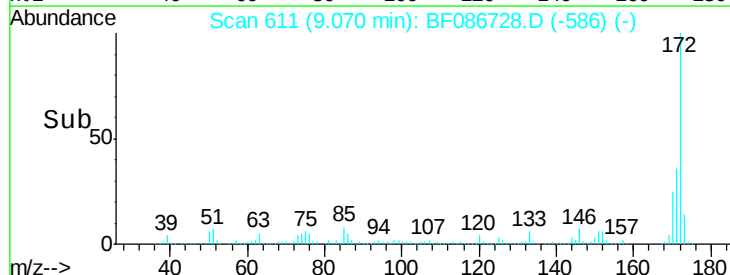
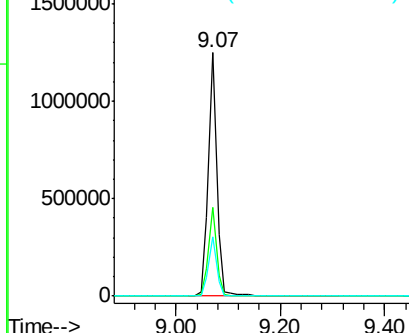


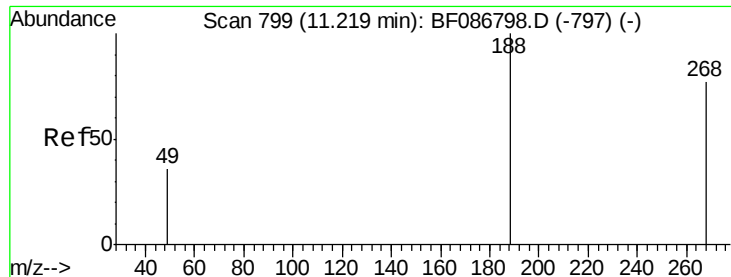
#44
 2-Fluorobiphenyl
 Concen: 76.27 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Tgt Ion:172 Resp: 1426007
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.8 29.8



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

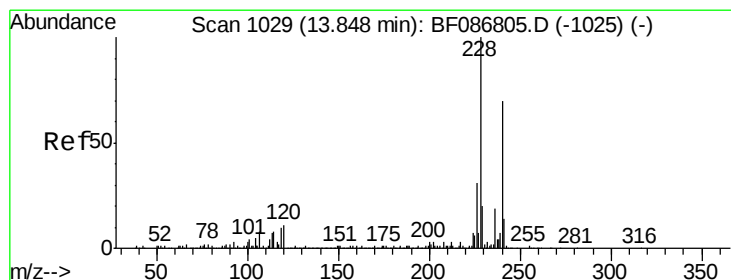
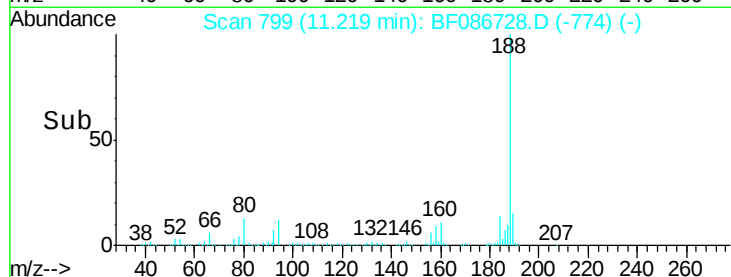
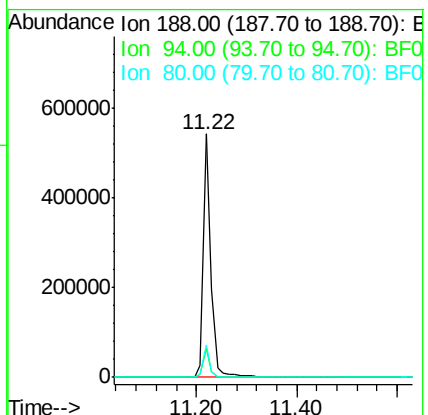
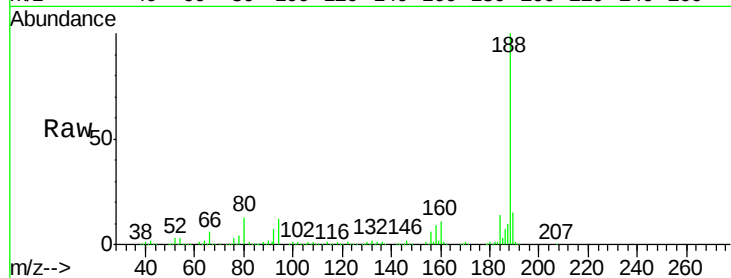




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

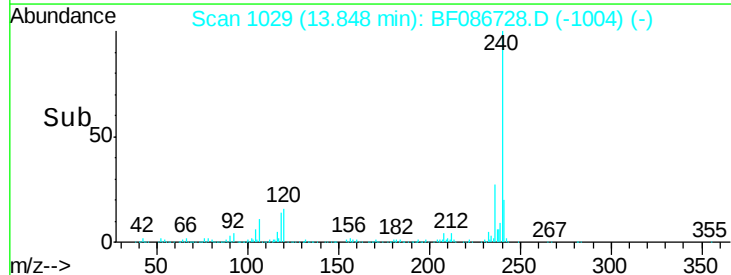
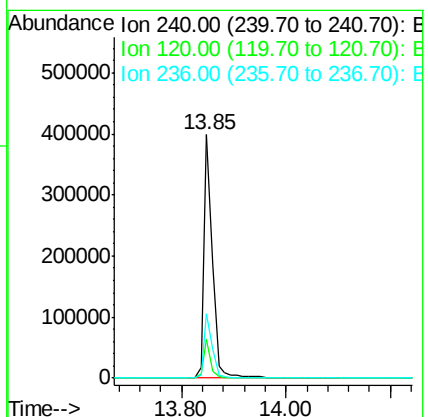
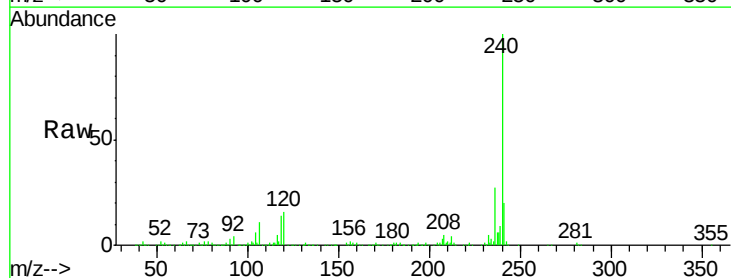
Instrument :
 BNA_F
 ClientSampleId :
 PB90268BL

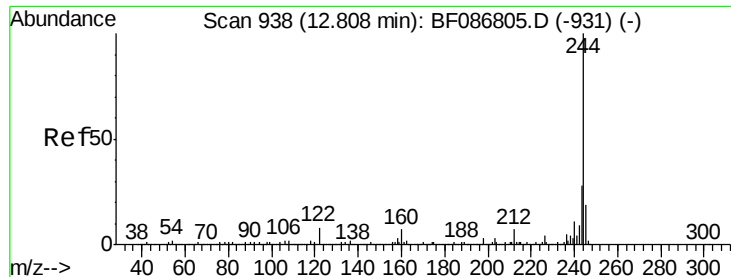
Tgt Ion:188 Resp: 569600
 Ion Ratio Lower Upper
 188 100
 94 11.7 6.8 10.2#
 80 13.2 7.1 10.7#



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Tgt Ion:240 Resp: 454210
 Ion Ratio Lower Upper
 240 100
 120 15.9 11.2 16.8
 236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 59.67 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB90268BL

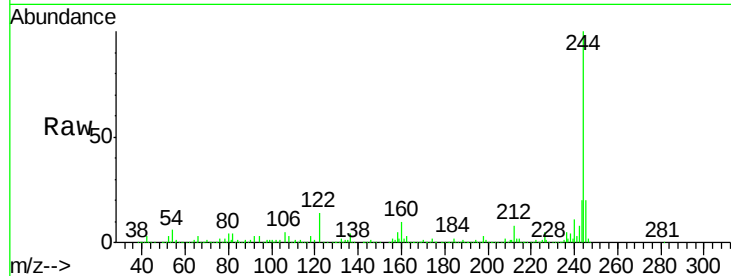
Tgt Ion:244 Resp: 1340982

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

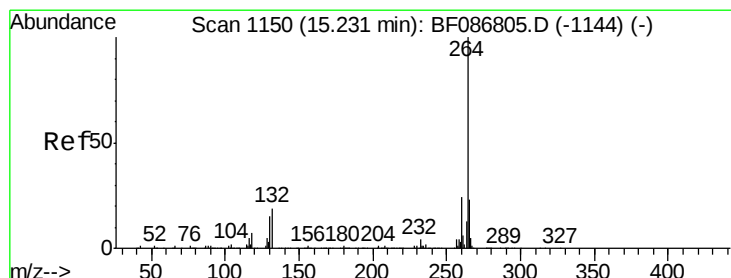
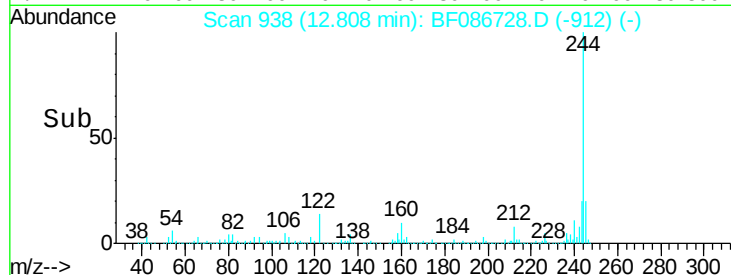
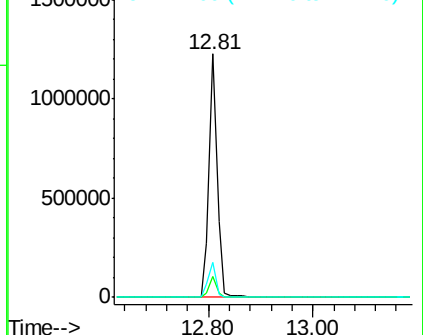
122 14.3 12.0 18.0



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

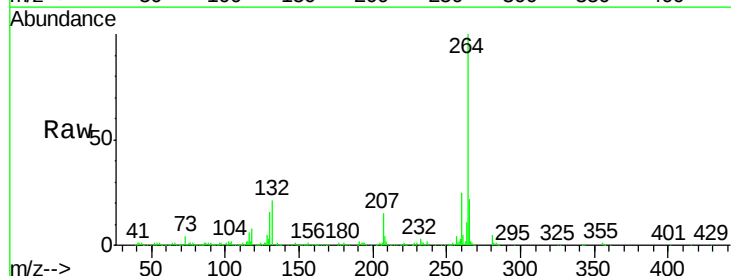
Tgt Ion:264 Resp: 356717

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.0 17.3 25.9



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

