

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082361.D
 Acq On : 19 Oct 2015 17:55
 Operator : UM/IZ
 Sample : PB86128BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Quant Time: Oct 20 02:24:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100052	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	385196	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	202048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	407819	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	370716	20.00	ng	-0.07
86) Perylene-d12	15.54	264	288972	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	416091	83.93	ng	0.00
7) Phenol-d6	6.43	99	519416	80.51	ng	-0.01
23) Nitrobenzene-d5	7.37	82	493704	86.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	132969	70.17	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1061547	87.13	ng	0.00
78) Terphenyl-d14	12.94	244	1166209	83.36	ng	-0.01

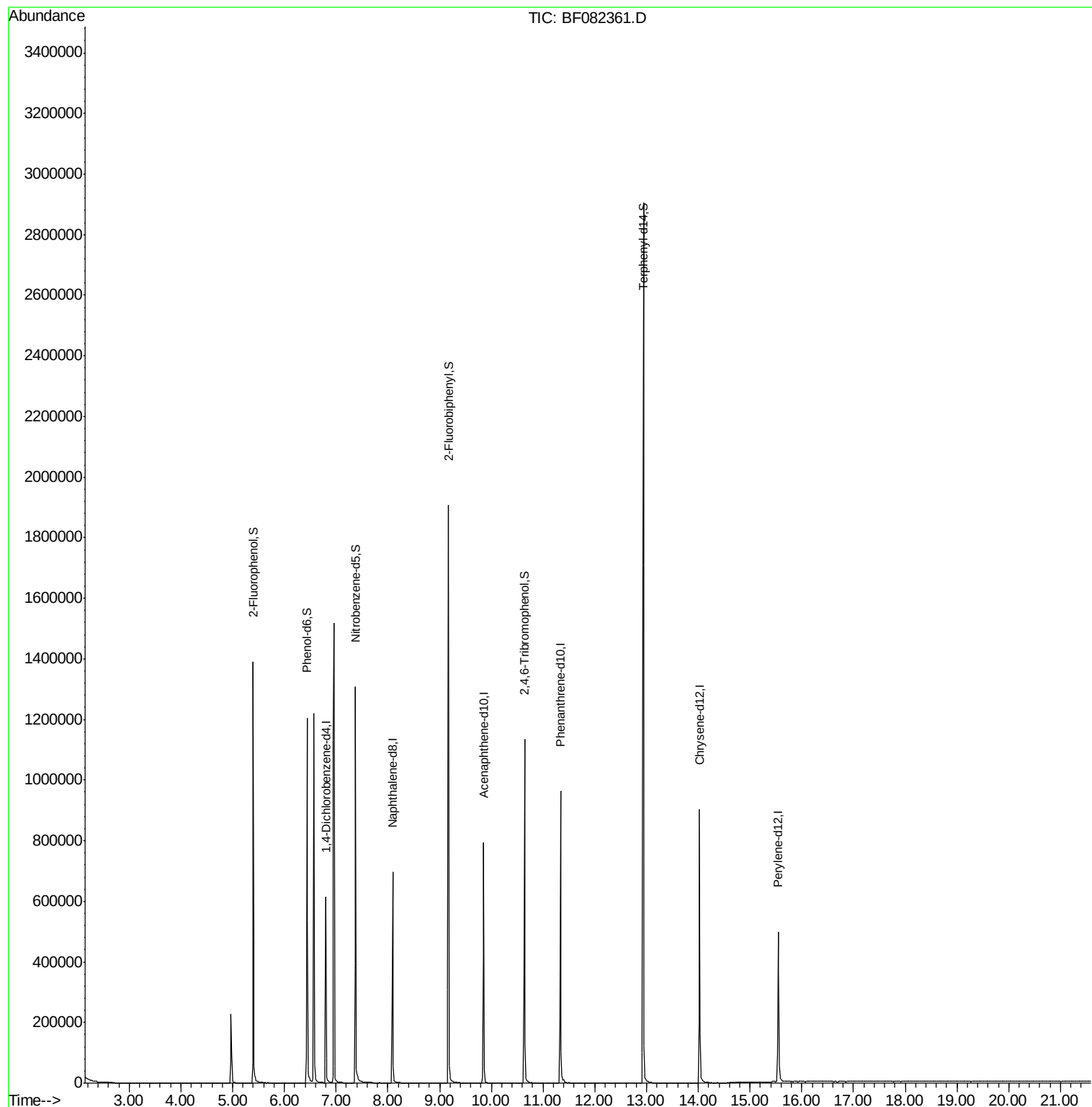
Target Compounds Qvalue

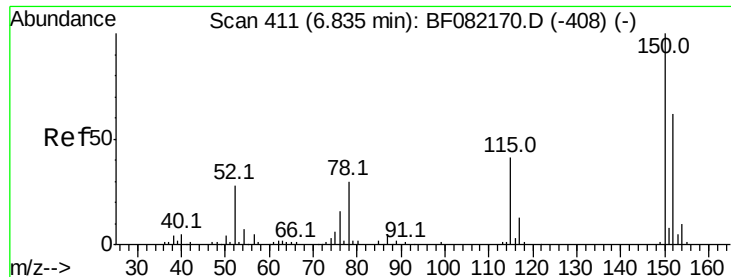
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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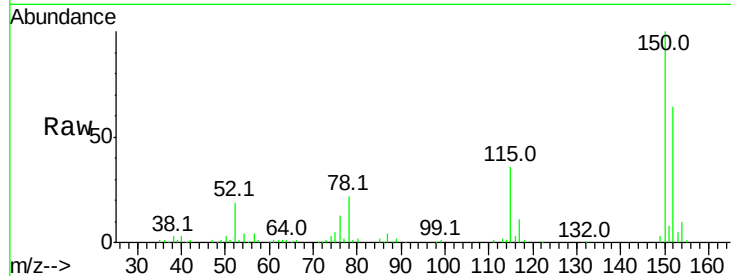


#1

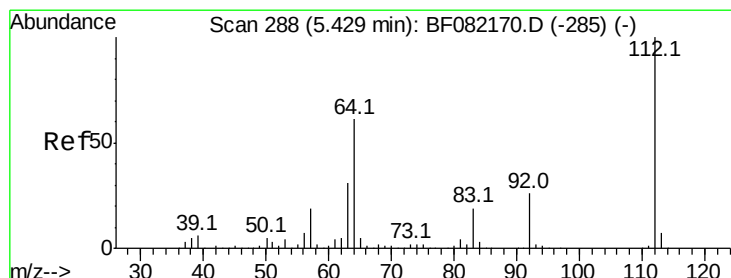
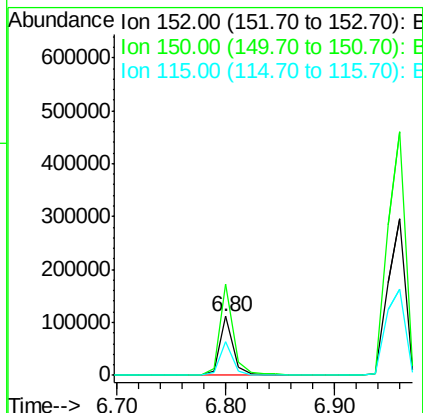
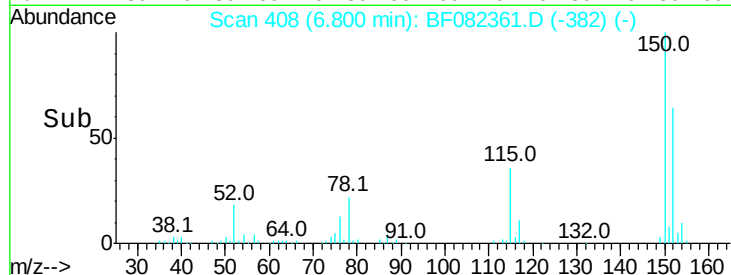
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Tot Ion:152 Resp: 100052
 Ion Ratio Lower Upper
 152 100
 150 155.1 129.0 193.4
 115 56.2 52.1 78.1



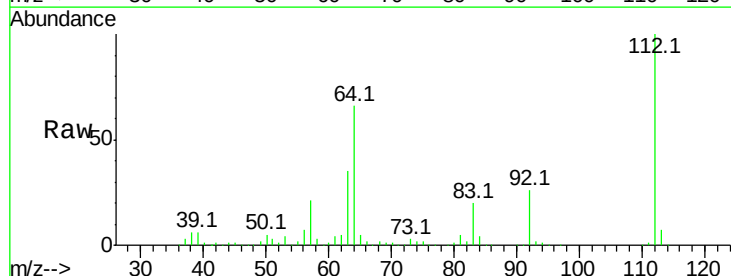
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



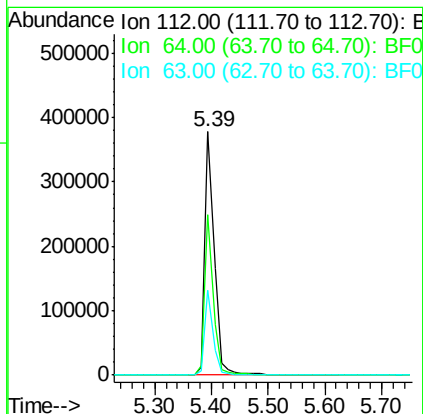
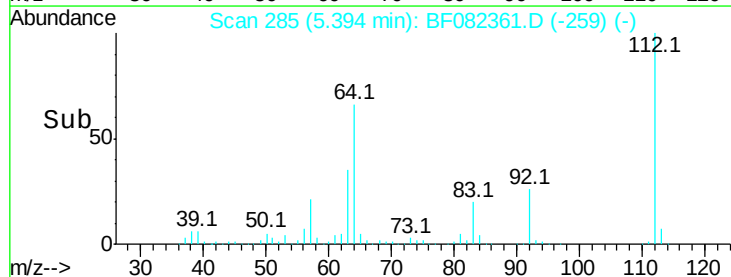
#5

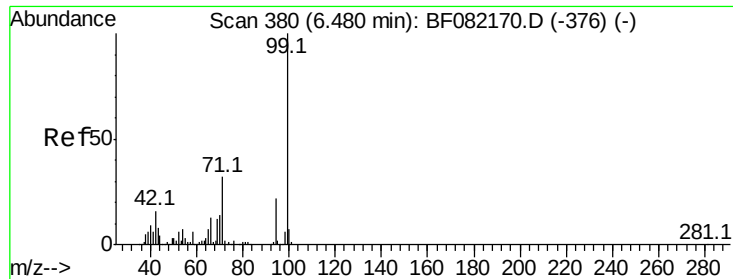
2-Fluorophenol
 Concen: 83.93 ng
 RT: 5.39 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Tgt Ion:112 Resp: 416091
 Ion Ratio Lower Upper
 112 100
 64 65.8 48.6 73.0
 63 34.8 25.1 37.7



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: 80.51 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB86128BL

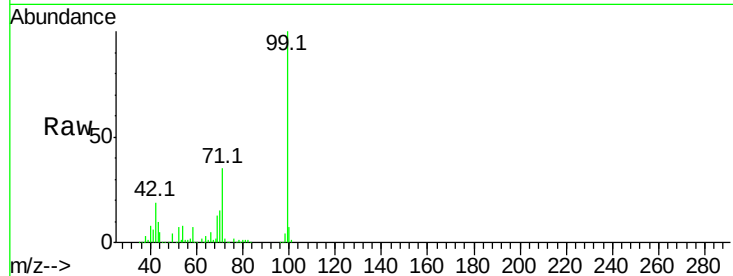
Tot Ion: 99 Resp: 519416

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

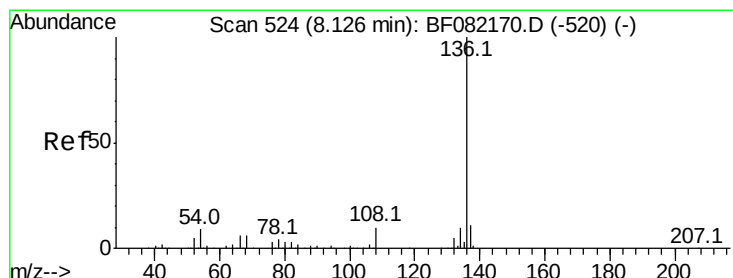
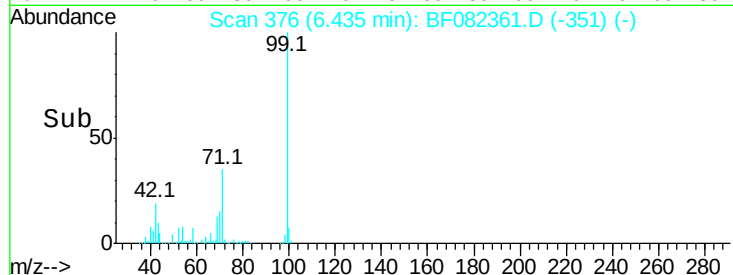
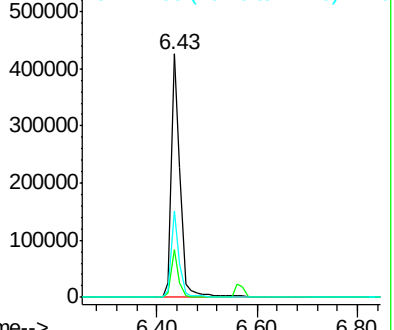
71 35.1 25.6 38.4



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: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Tgt Ion: 136 Resp: 385196

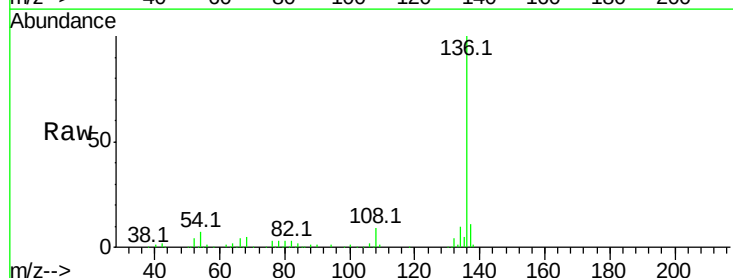
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.8 7.5 11.3#

68 4.6 4.6 7.0

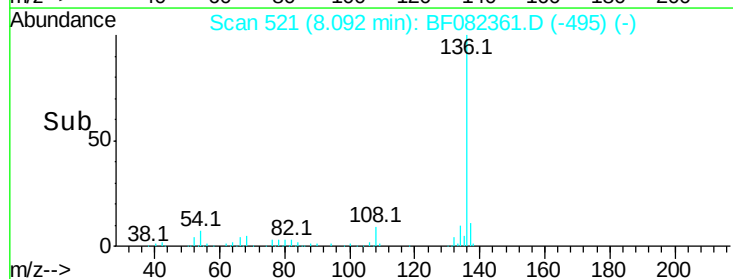
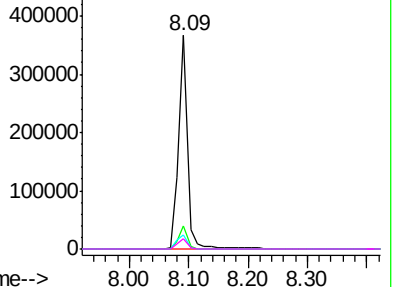


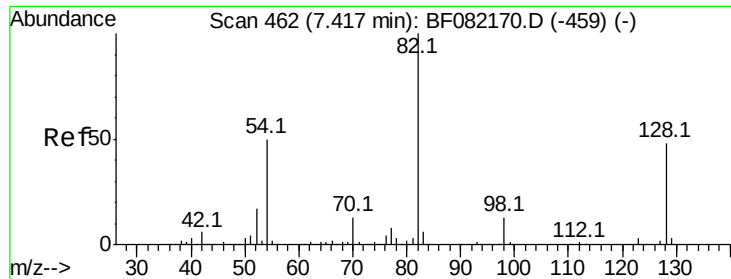
Abundance Ion 136.00 (135.70 to 136.70): E

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

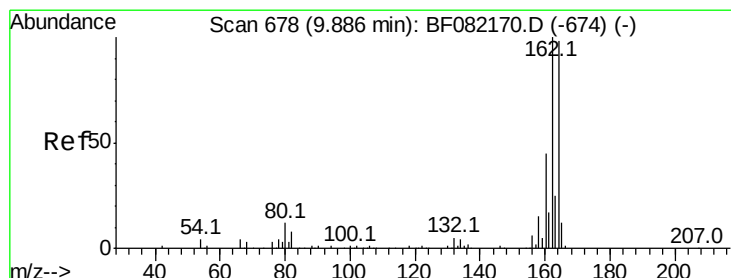
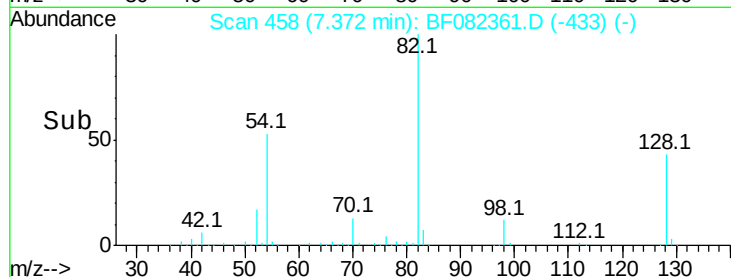
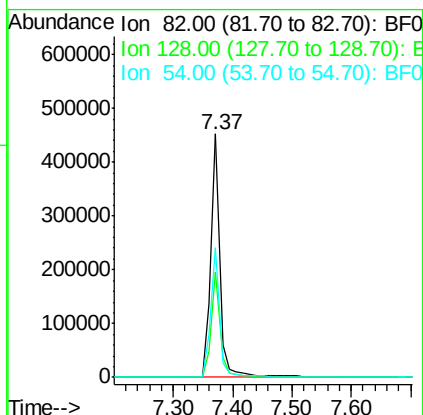
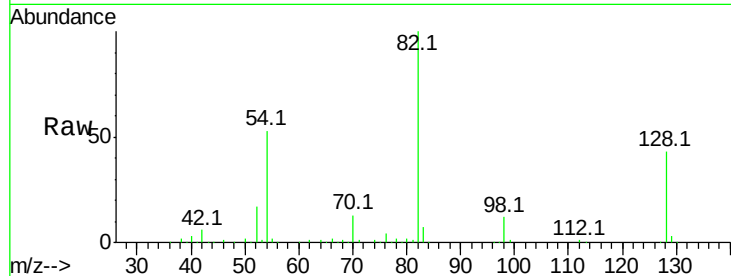




#23
Nitrobenzene-d5
Concen: 86.07 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

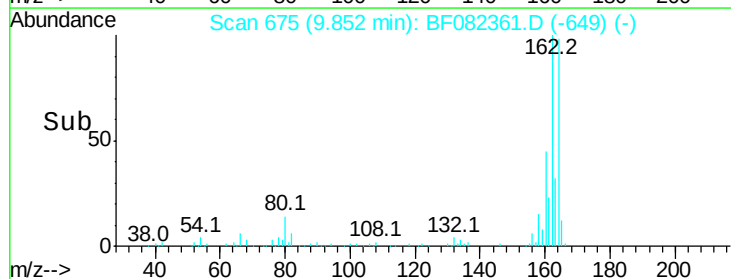
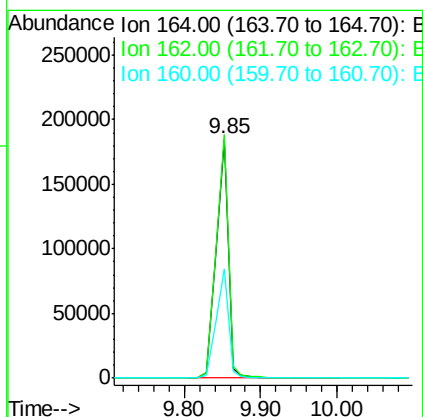
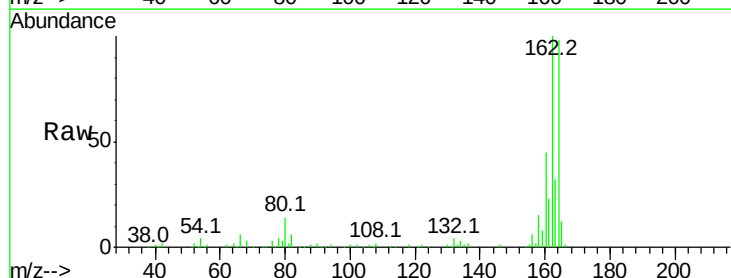
Instrument :
BNA_F
ClientSampleId :
PB86128BL

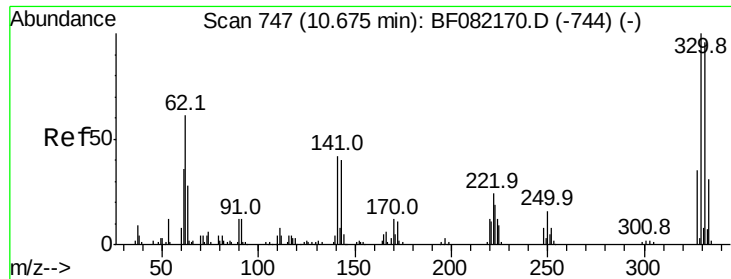
Tot Ion: 82 Resp: 493704
Ion Ratio Lower Upper
82 100
128 43.3 38.7 58.1
54 53.2 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Tgt Ion: 164 Resp: 202048
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.5 36.4 54.6

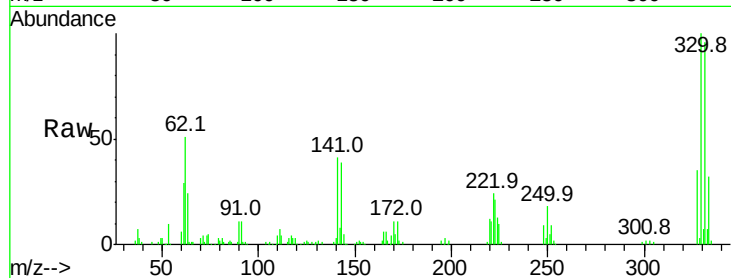




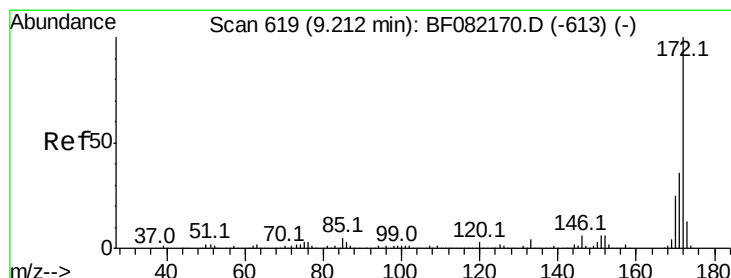
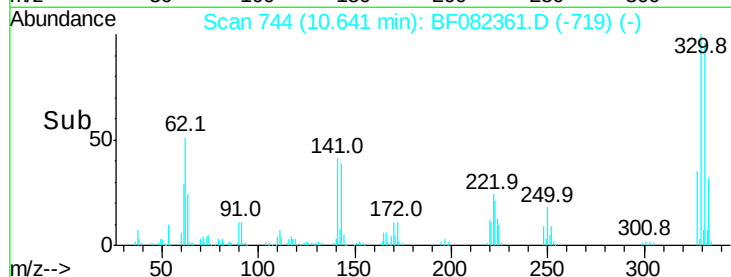
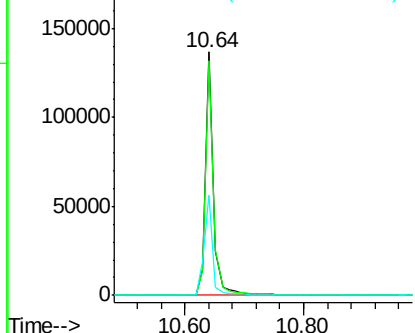
#41
 2,4,6-Tribromophenol
 Concen: 70.17 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Tot Ion:330 Resp: 132969
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 44.0 29.8 44.8

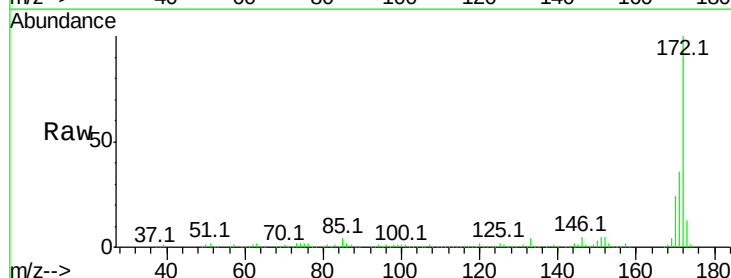


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

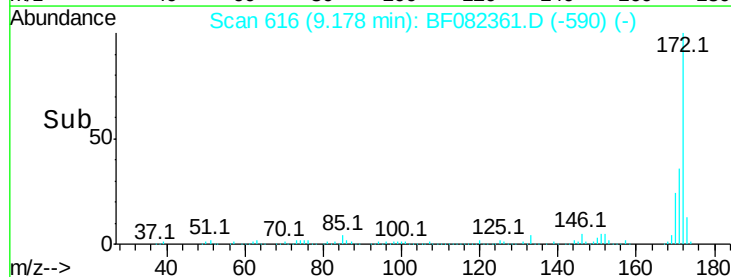
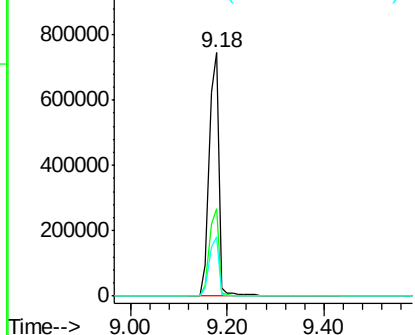


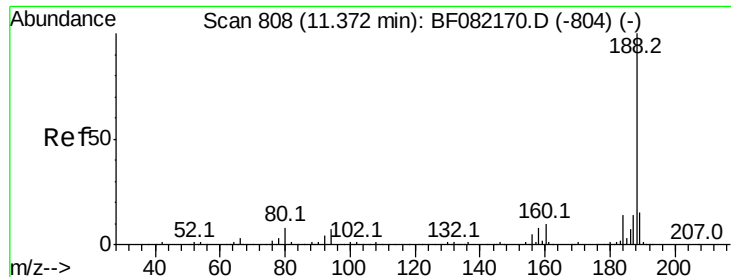
#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Tgt Ion:172 Resp: 1061547
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 24.1 19.7 29.5



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: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Instrument :

BNA_F

ClientSampled :

PB86128BL

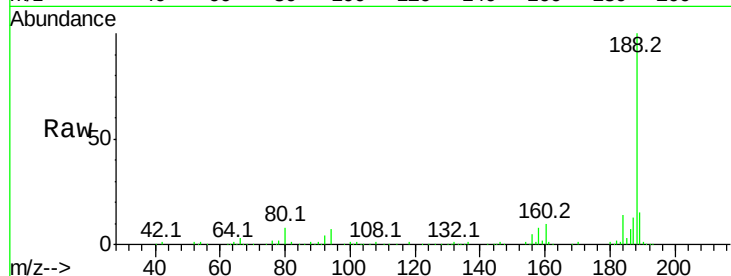
Tot Ion:188 Resp: 407819

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

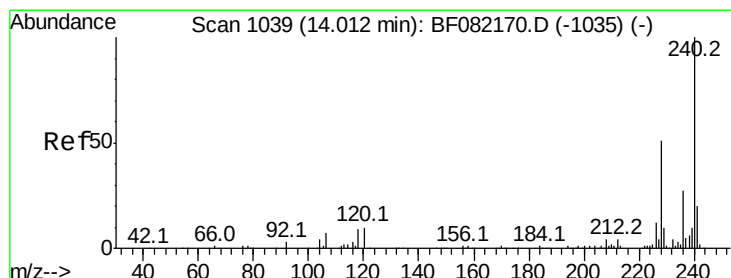
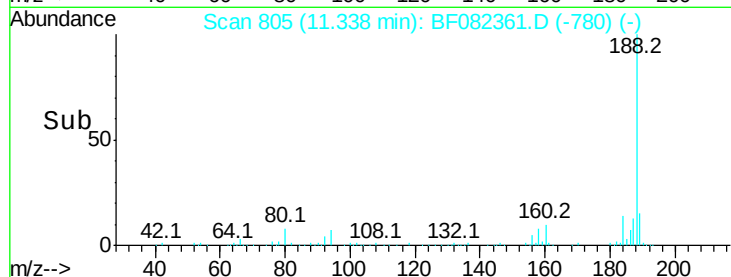
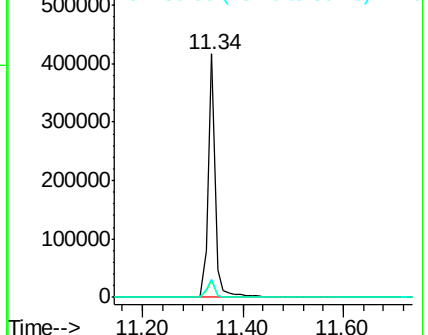
80 7.7 6.4 9.6



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: 14.02 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

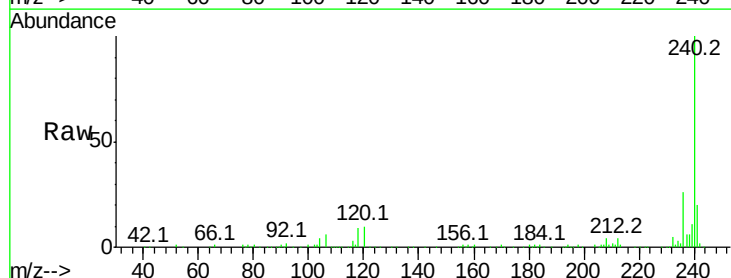
Tgt Ion:240 Resp: 370716

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

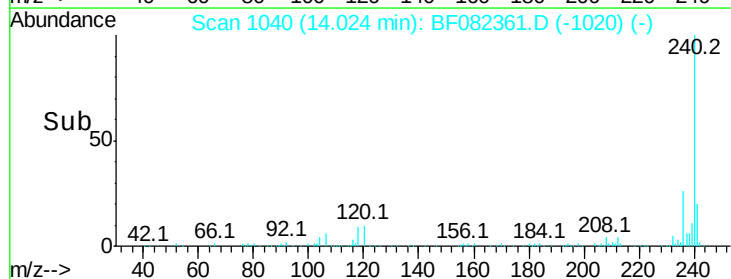
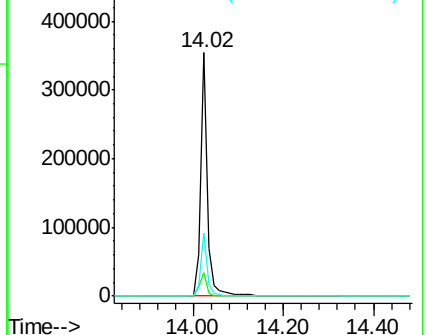
236 26.1 21.3 31.9

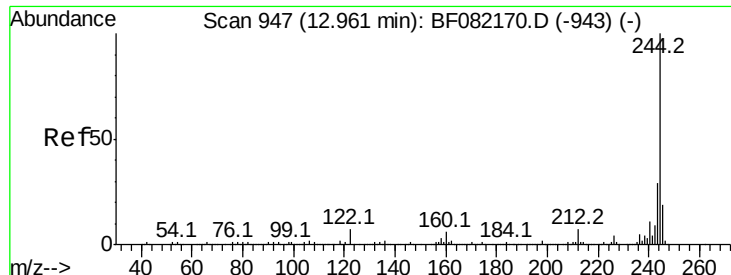


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



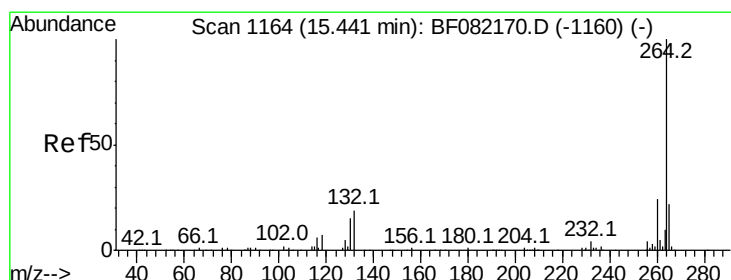
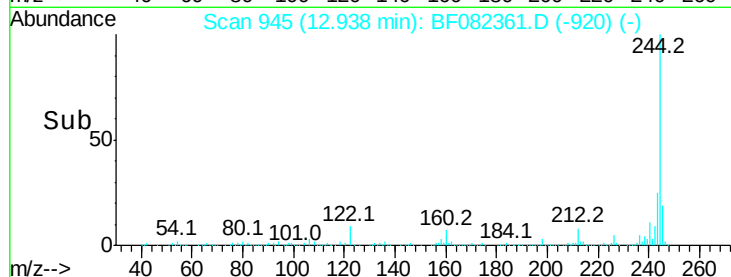
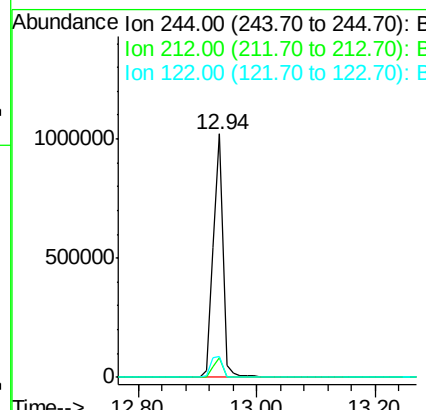
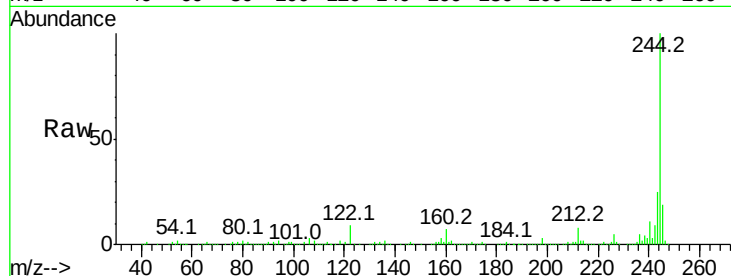


#78
 Terphenyl-d14
 Concen: 83.36 ng
 RT: 12.94 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Instrument :
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 PB86128BL

Tot Ion:244 Resp: 1166209

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	8.8	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.13 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Tgt Ion:264 Resp: 288972

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	17.3	25.9

