

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082362.D
 Acq On : 19 Oct 2015 18:24
 Operator : UM/IZ
 Sample : PB86165BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BL

Quant Time: Oct 20 02:25:23 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	93337	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	363530	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	184426	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	384128	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	355411	20.00	ng	-0.06
86) Perylene-d12	15.57	264	272517	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	541735	117.14	ng	0.01
7) Phenol-d6	6.45	99	728725	121.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	444976	82.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	173252	100.17	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	903836	81.27	ng	-0.01
78) Terphenyl-d14	12.94	244	1047452	78.10	ng	-0.01

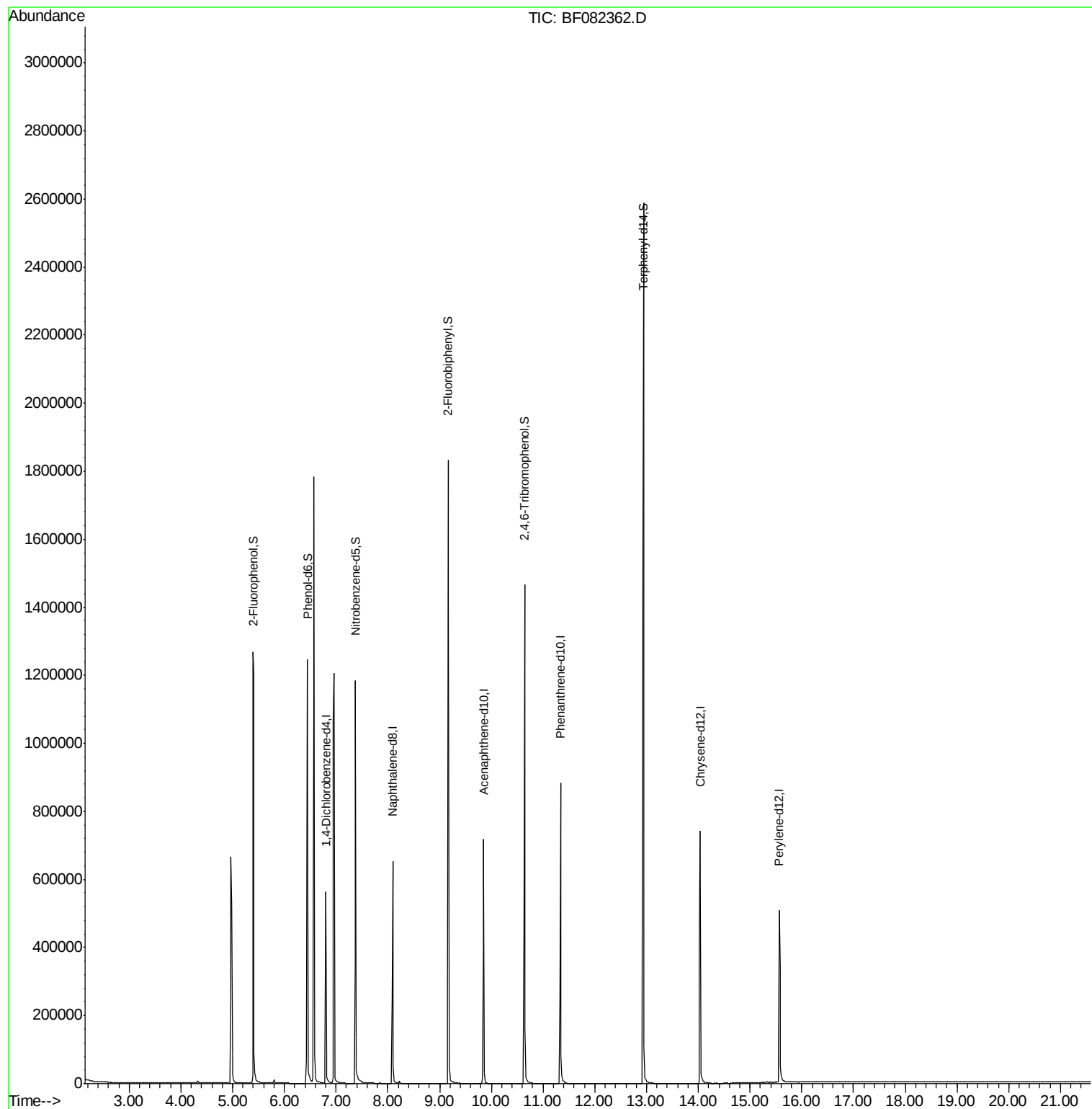
Target Compounds Qvalue

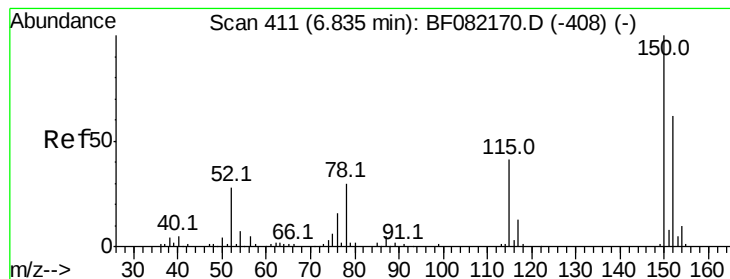
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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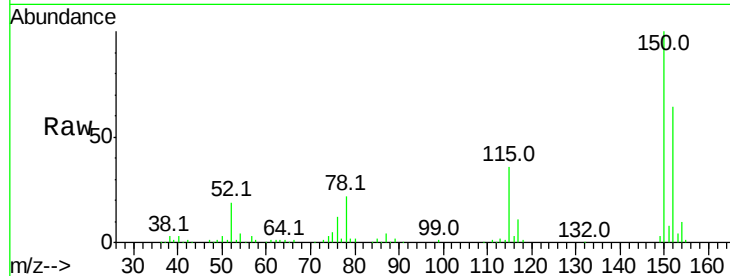


#1

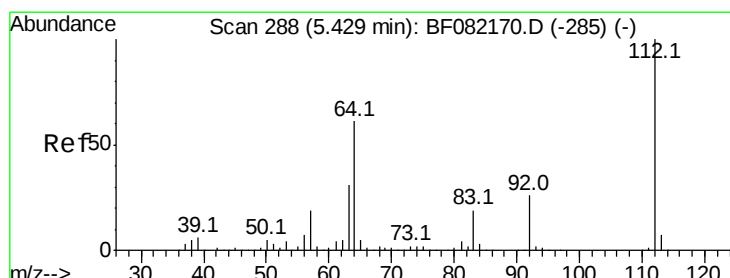
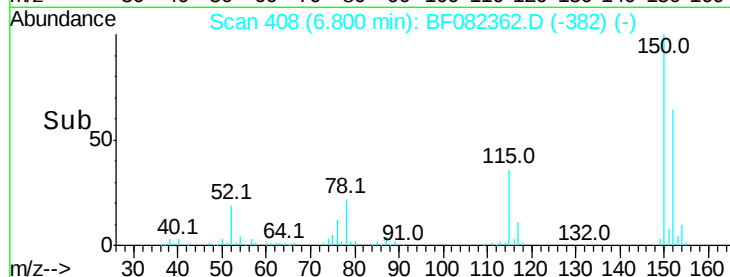
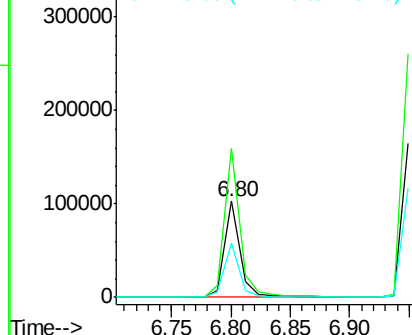
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082362.D
Acq: 19 Oct 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB86165BL

Tot Ion:152 Resp: 93337
Ion Ratio Lower Upper
152 100
150 155.6 129.0 193.4
115 56.3 52.1 78.1



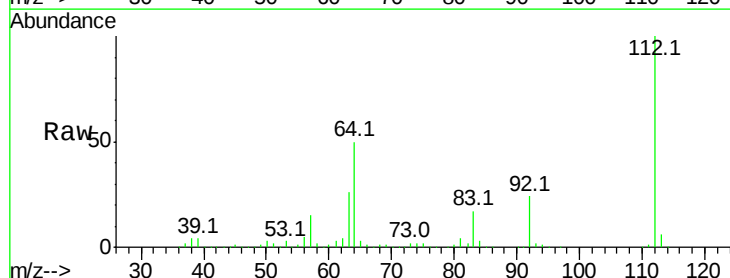
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



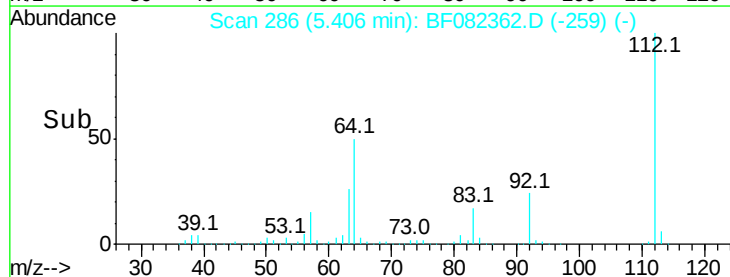
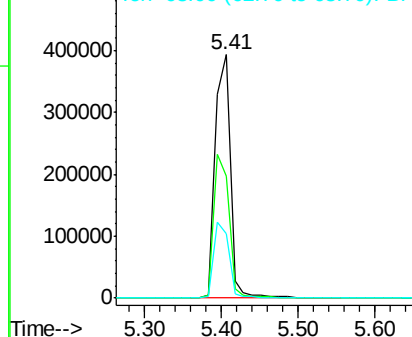
#5

2-Fluorophenol
Concen: 117.14 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082362.D
Acq: 19 Oct 2015 18:24

Tgt Ion:112 Resp: 541735
Ion Ratio Lower Upper
112 100
64 49.9 48.6 73.0
63 26.4 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: 121.08 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082362.D

Acq: 19 Oct 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB86165BL

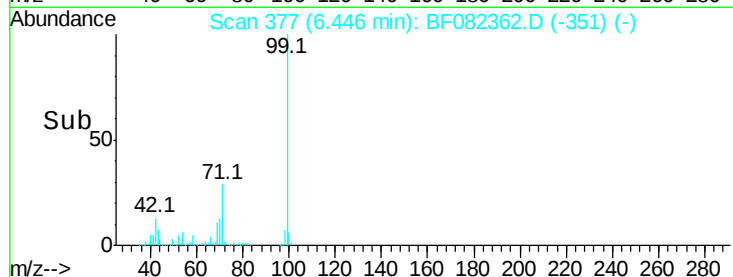
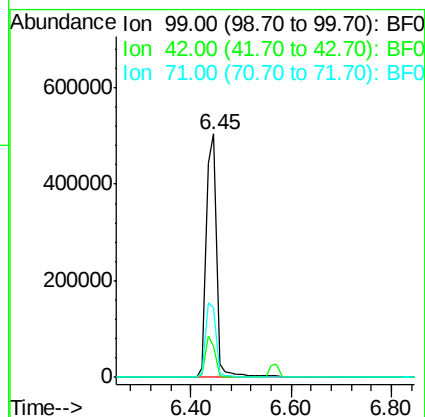
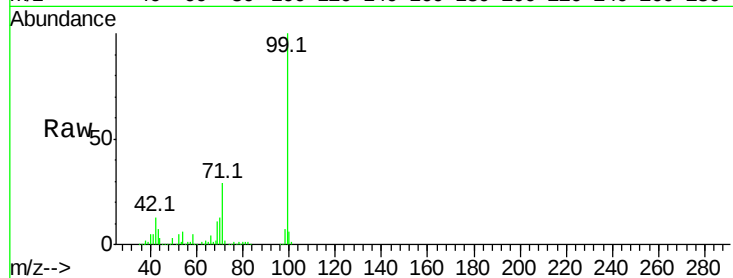
Tot Ion: 99 Resp: 728725

Ion Ratio Lower Upper

99 100

42 12.8 13.2 19.8#

71 28.5 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082362.D

Acq: 19 Oct 2015 18:24

Tgt Ion: 136 Resp: 363530

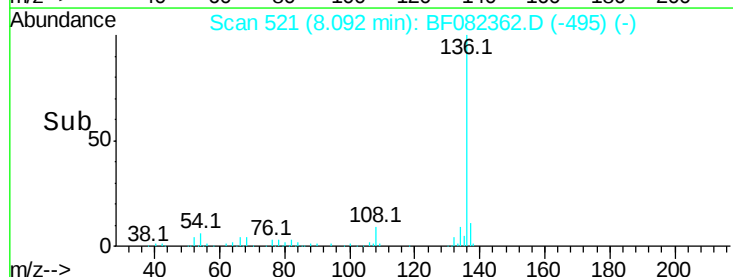
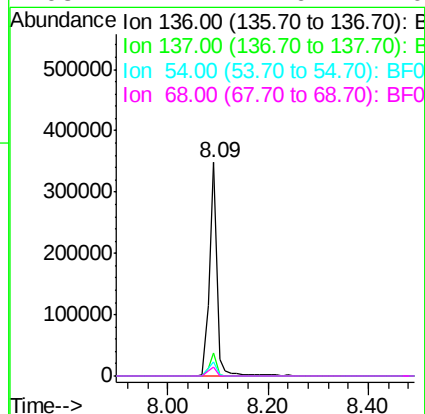
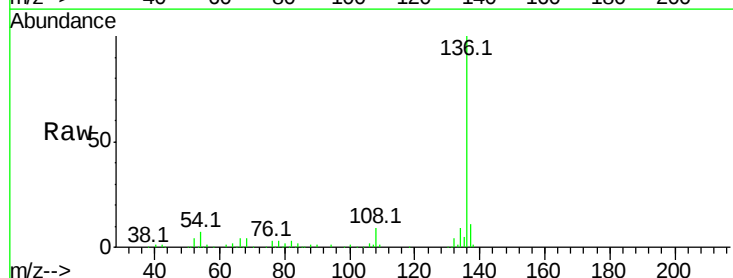
Ion Ratio Lower Upper

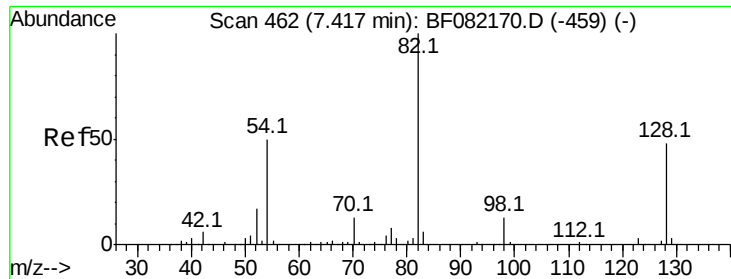
136 100

137 10.6 9.0 13.6

54 6.5 7.5 11.3#

68 4.4 4.6 7.0#

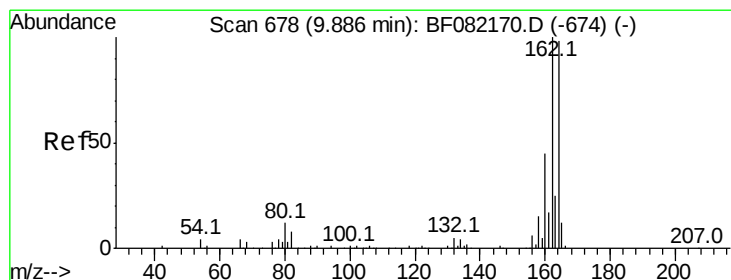
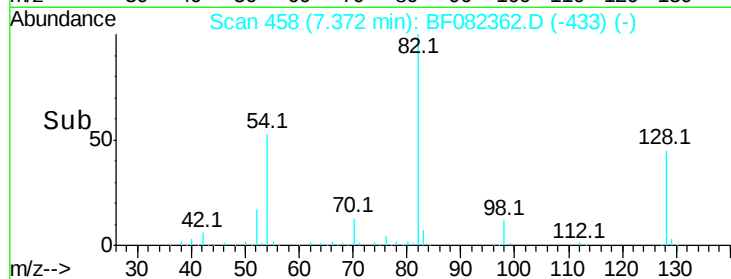
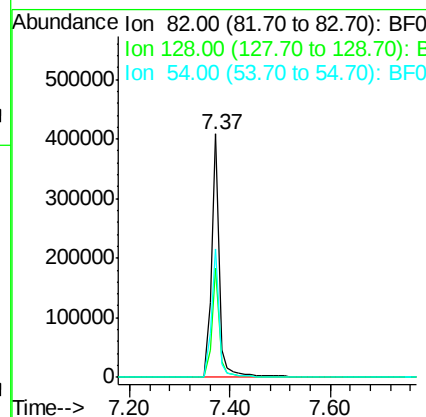
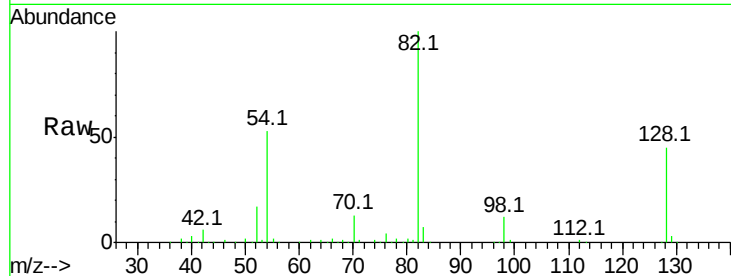




#23
 Nitrobenzene-d5
 Concen: 82.20 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082362.D
 Acq: 19 Oct 2015 18:24

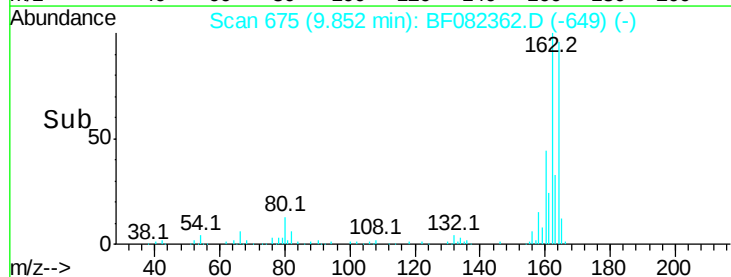
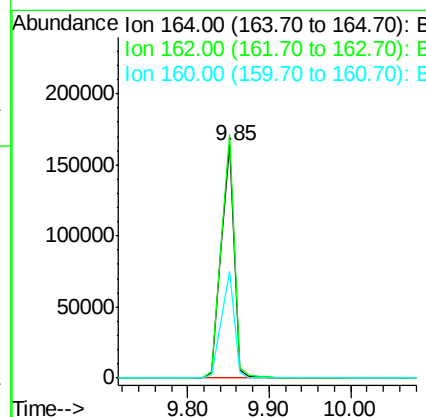
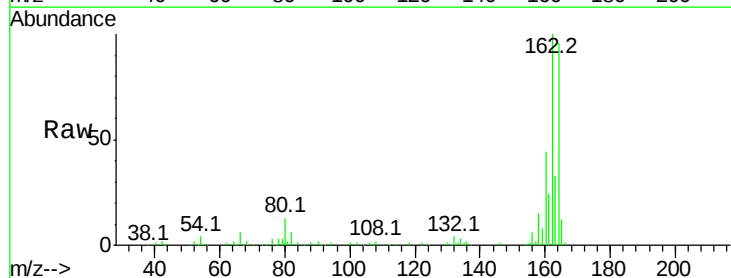
Instrument :
 BNA_F
 ClientSampleId :
 PB86165BL

Tot Ion: 82 Resp: 444976
 Ion Ratio Lower Upper
 82 100
 128 44.8 38.7 58.1
 54 52.8 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: BF082362.D
 Acq: 19 Oct 2015 18:24

Tgt Ion:164 Resp: 184426
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.6 122.4
 160 45.5 36.4 54.6

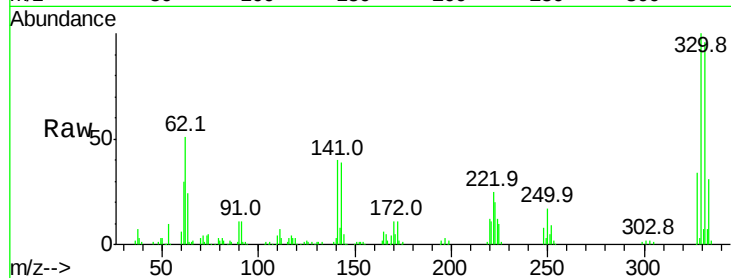




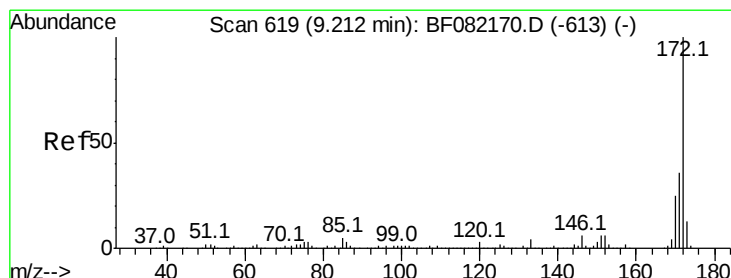
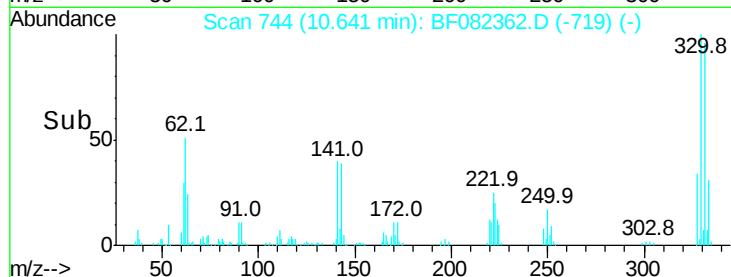
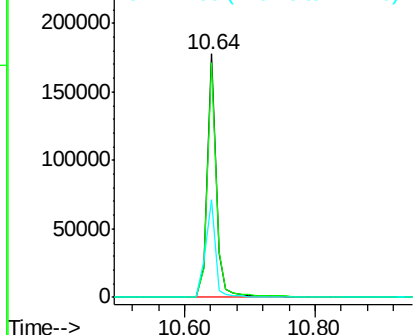
#41
 2,4,6-Tribromophenol
 Concen: 100.17 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF082362.D
 Acq: 19 Oct 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BL

Tot Ion:330 Resp: 173252
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 43.6 29.8 44.8

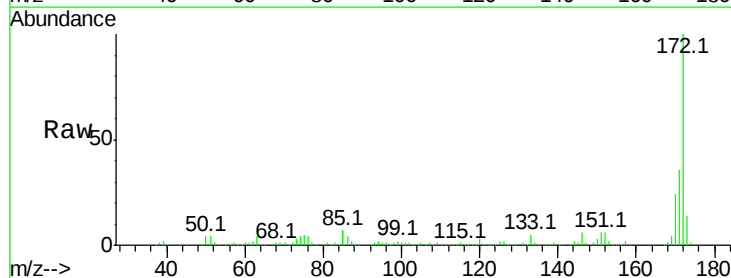


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

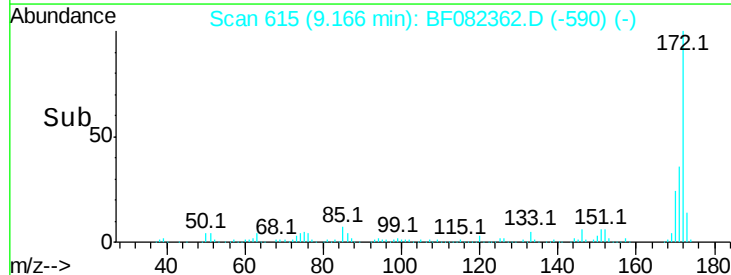
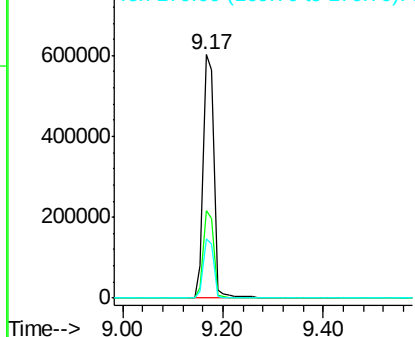


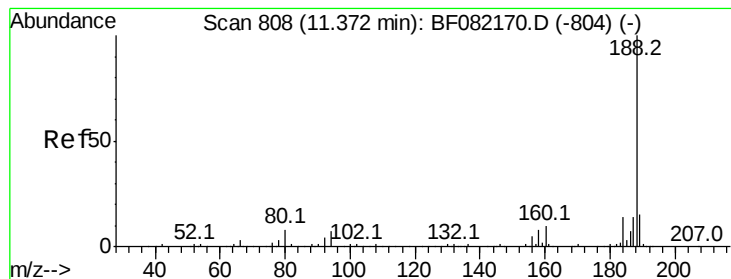
#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082362.D
 Acq: 19 Oct 2015 18:24

Tgt Ion:172 Resp: 903836
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: BF082362.D

Acq: 19 Oct 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB86165BL

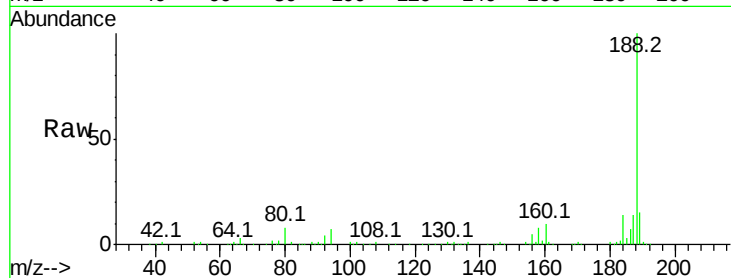
Tot Ion:188 Resp: 384128

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

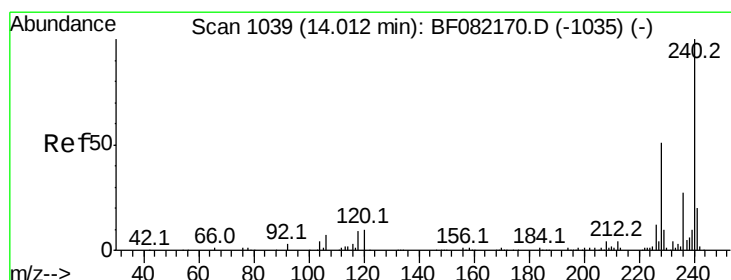
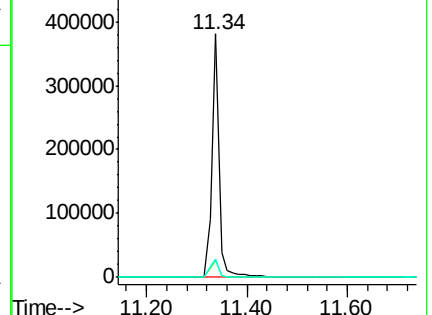
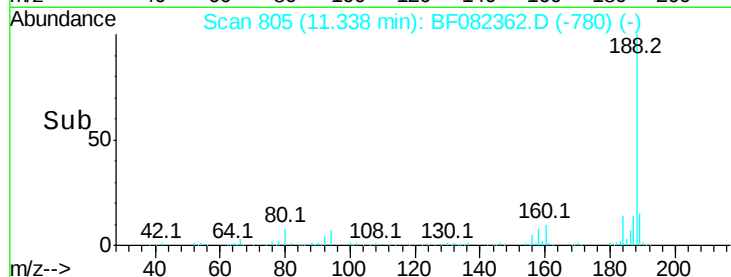
80 7.8 6.4 9.6



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: 14.04 min Scan# 1041

Delta R.T. -0.06 min

Lab File: BF082362.D

Acq: 19 Oct 2015 18:24

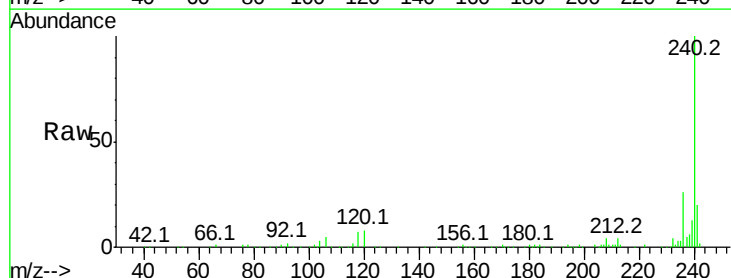
Tgt Ion:240 Resp: 355411

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

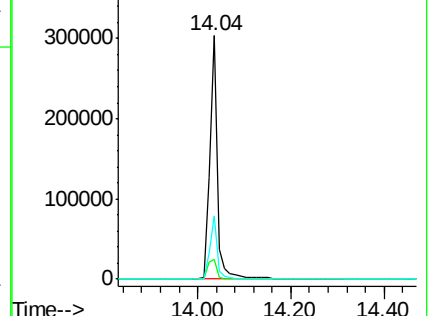
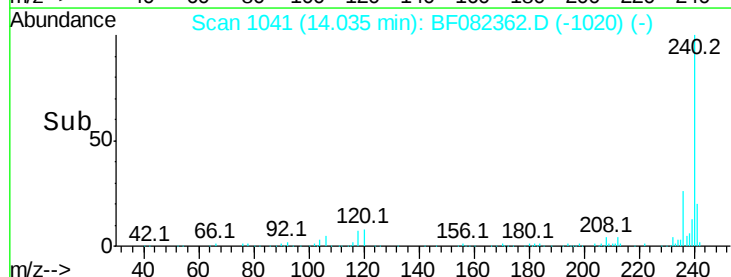
236 26.1 21.3 31.9

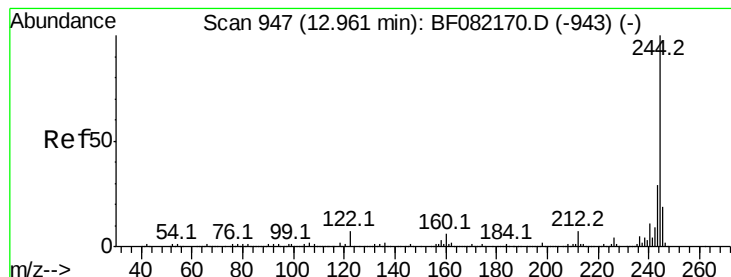


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.10 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082362.D

Acq: 19 Oct 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB86165BL

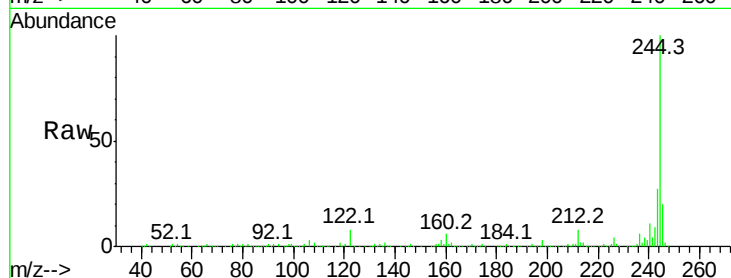
Tot Ion:244 Resp: 1047452

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

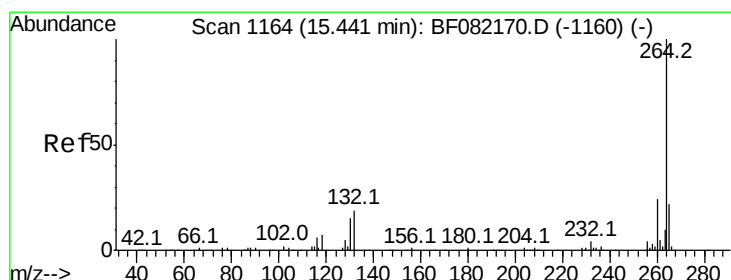
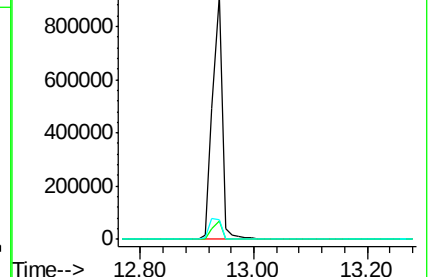
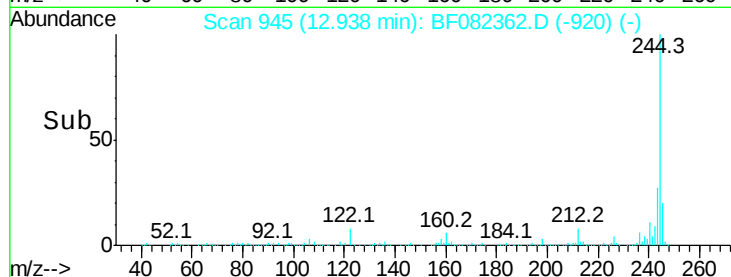
122 8.1 5.9 8.9



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: 15.57 min Scan# 1175

Delta R.T. -0.10 min

Lab File: BF082362.D

Acq: 19 Oct 2015 18:24

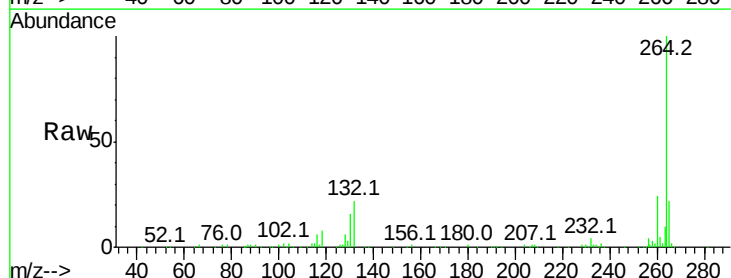
Tgt Ion:264 Resp: 272517

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.9 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

