

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082835.D
 Acq On : 9 Nov 2015 17:58
 Operator : UM/IZ
 Sample : PB86527BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Quant Time: Nov 10 03:20:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236461	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	837206	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	455505	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	811366	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	800372	20.00	ng	-0.03
86) Perylene-d12	15.41	264	701664	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1703282	112.08	ng	0.00
7) Phenol-d6	6.46	99	2058183	101.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1396195	72.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	567099	108.58	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2391018	75.23	ng	-0.02
78) Terphenyl-d14	12.95	244	2455635	72.77	ng	-0.02

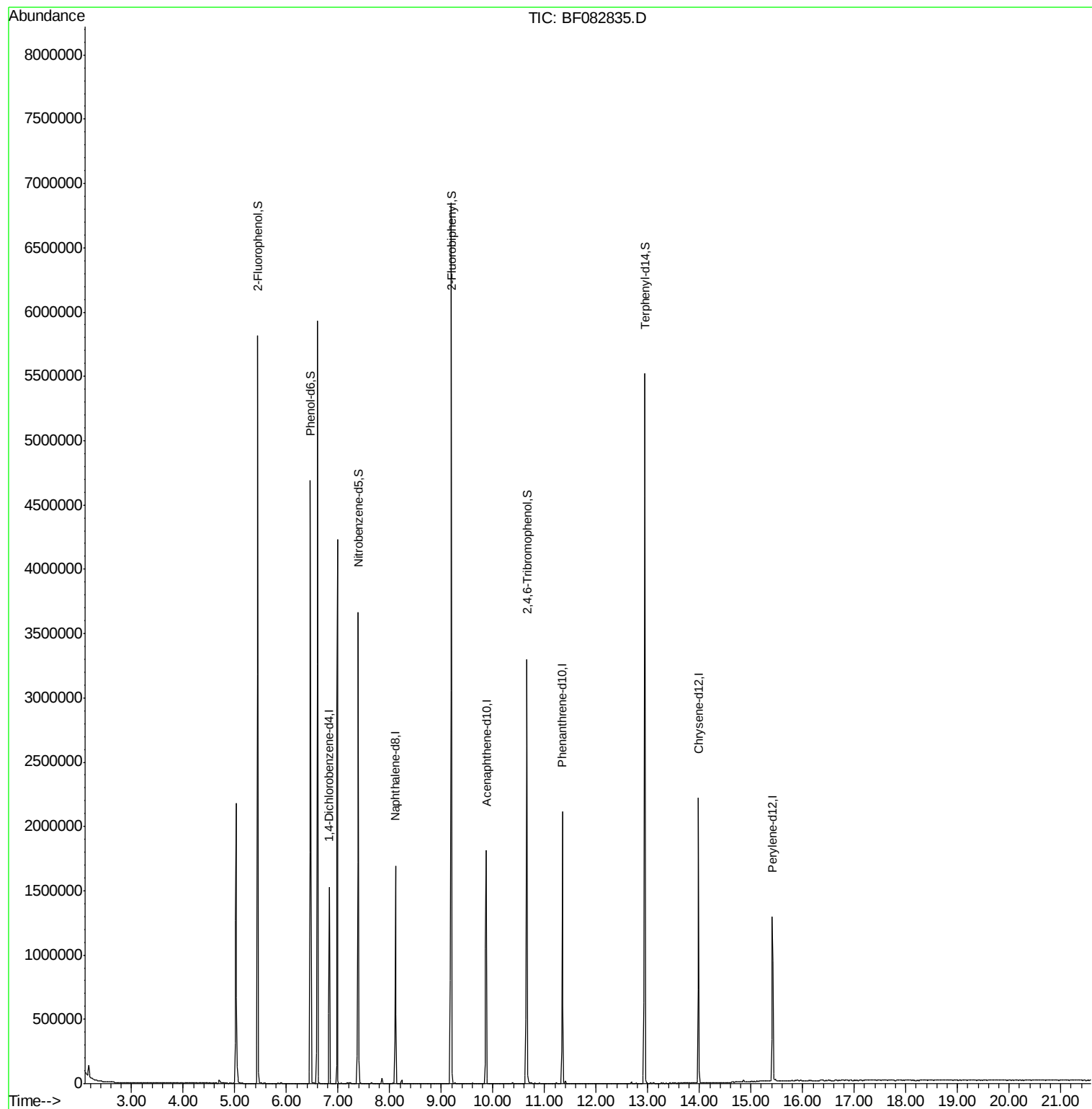
Target Compounds Qvalue

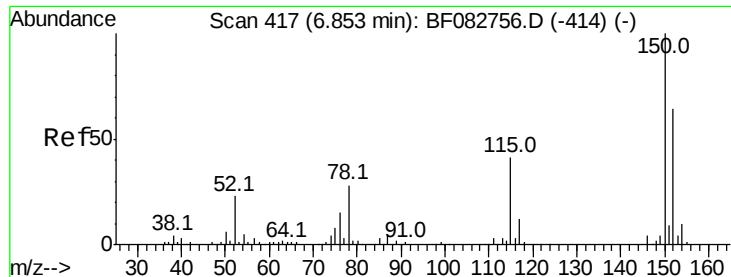
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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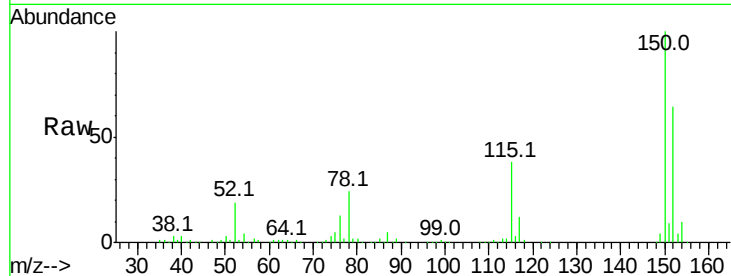


#1

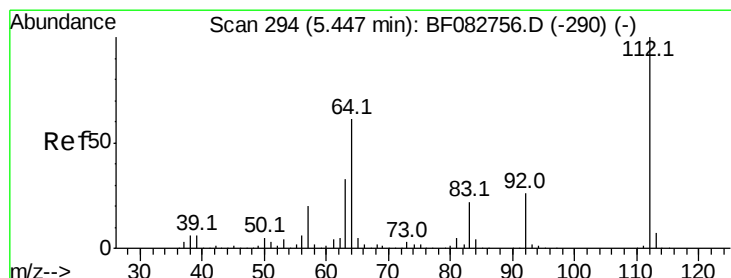
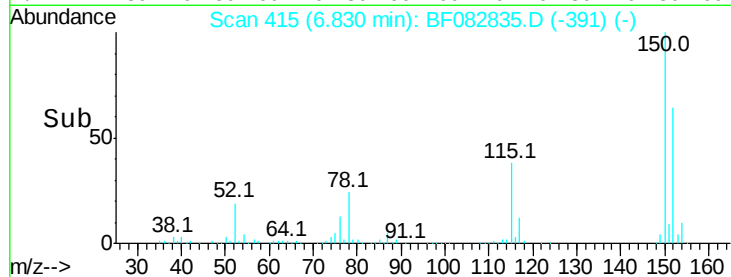
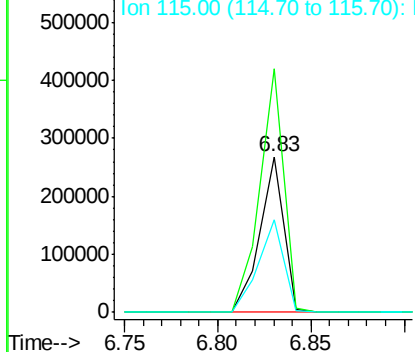
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082835.D
Acq: 9 Nov 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB86527BL

Tot Ion:152 Resp: 236461
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.4
115 59.7 47.0 70.6



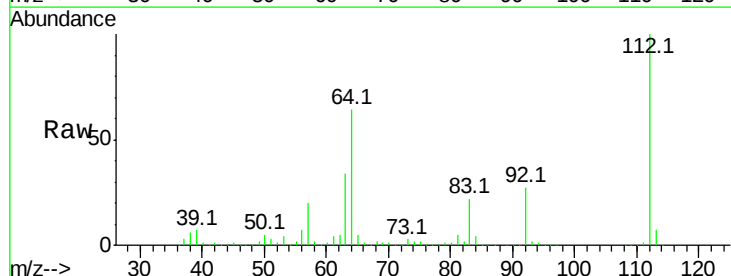
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



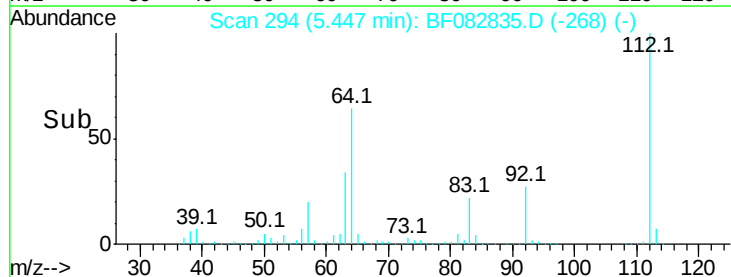
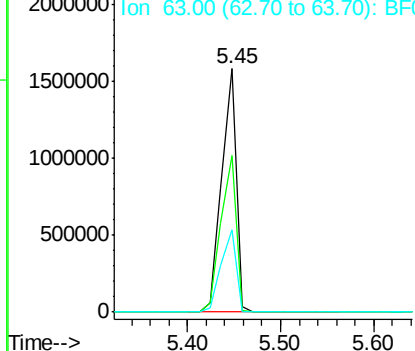
#5

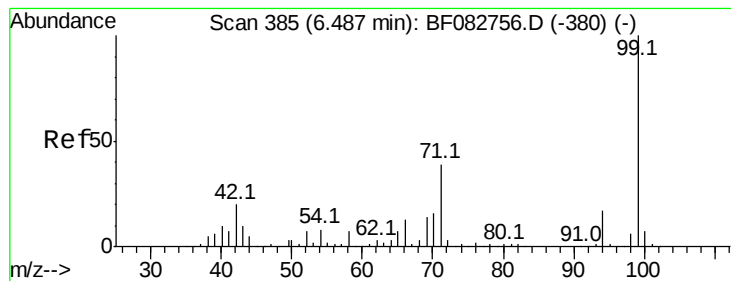
2-Fluorophenol
Concen: 112.08 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082835.D
Acq: 9 Nov 2015 17:58

Tgt Ion:112 Resp: 1703282
Ion Ratio Lower Upper
112 100
64 64.2 48.9 73.3
63 33.6 28.1 42.1



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: 101.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

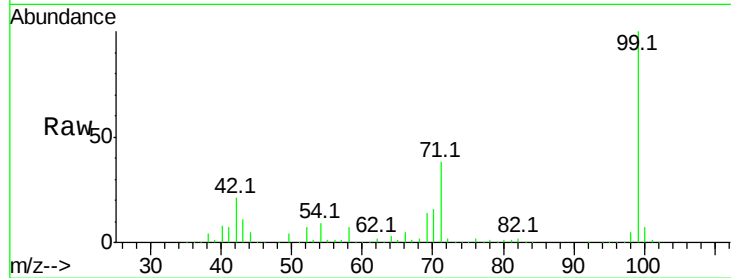
Tot Ion: 99 Resp: 2058183

Ion Ratio Lower Upper

99 100

42 20.9 19.2 28.8

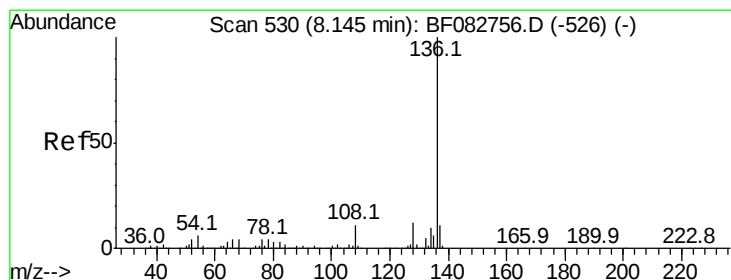
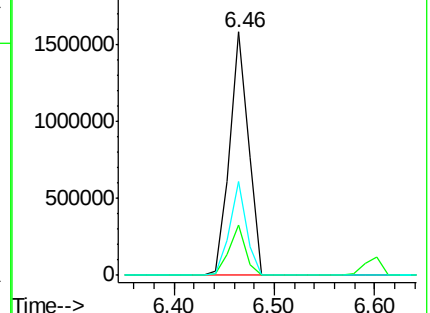
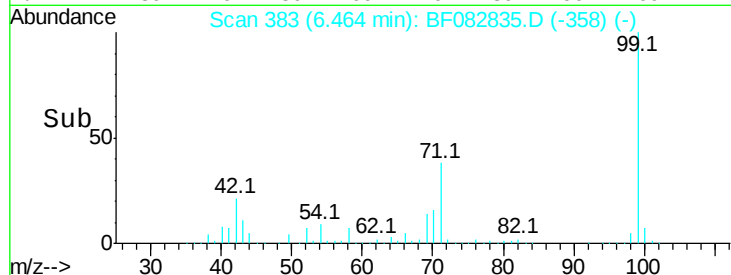
71 38.3 35.0 52.4



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: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Tgt Ion: 136 Resp: 837206

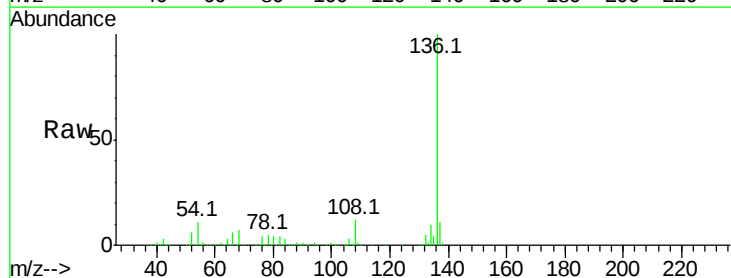
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.6 9.1 13.7

68 6.9 4.8 7.2

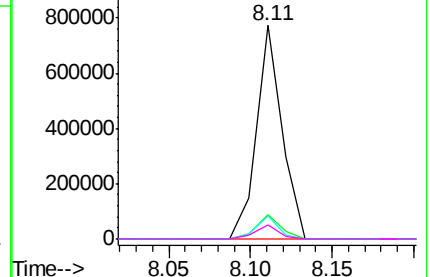
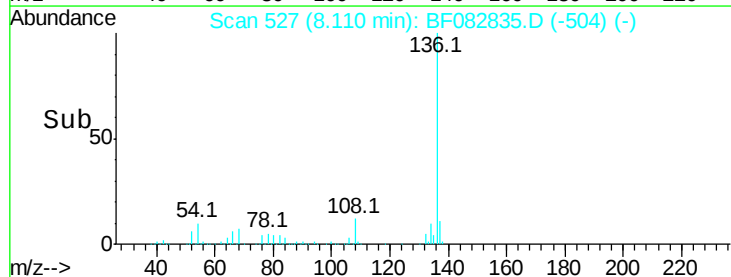


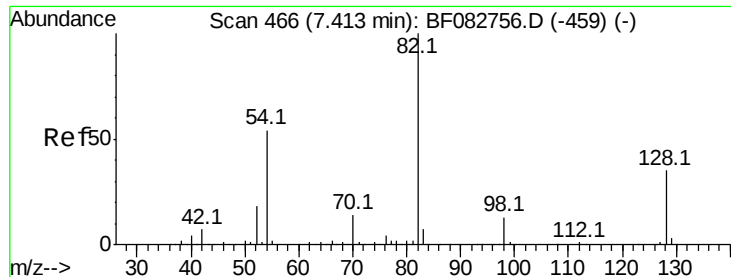
Abundance Ion 136.00 (135.70 to 136.70): E

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



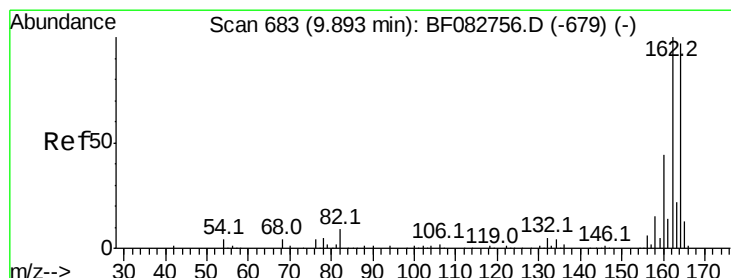
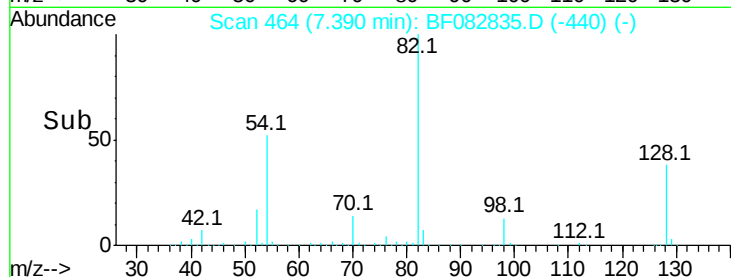
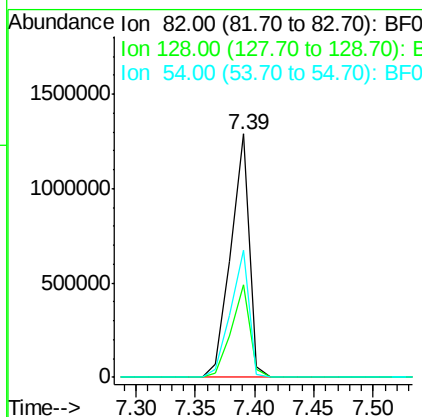
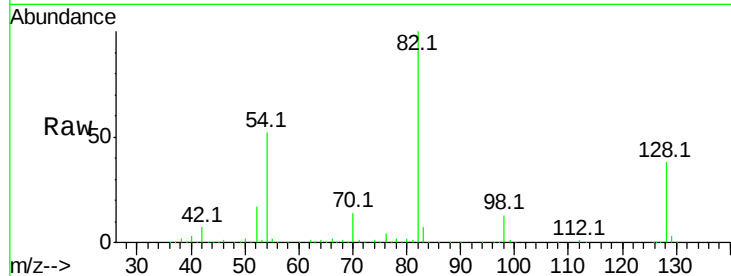


#23
 Nitrobenzene-d5
 Concen: 72.56 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Tot Ion: 82 Resp: 1396195

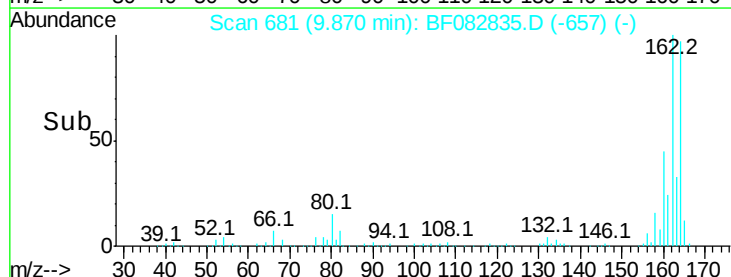
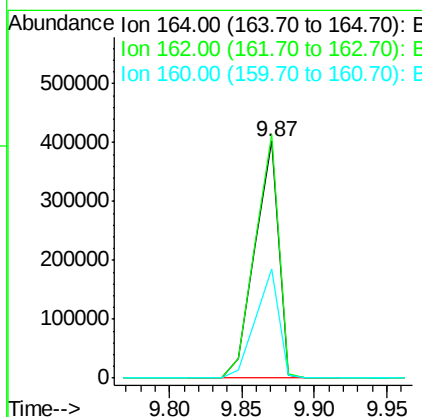
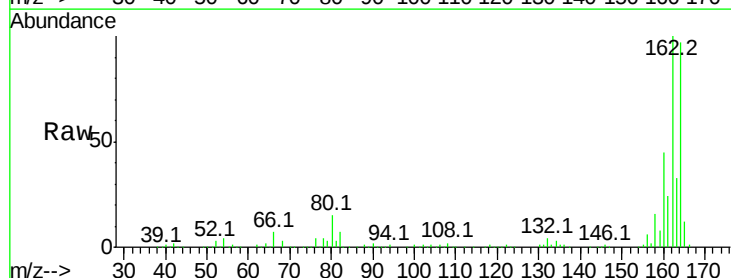
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.8	40.2
54	52.2	45.7	68.5

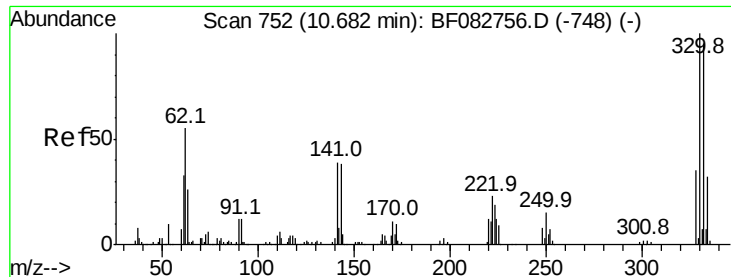


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Tgt Ion: 164 Resp: 455505

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	46.1	37.5	56.3

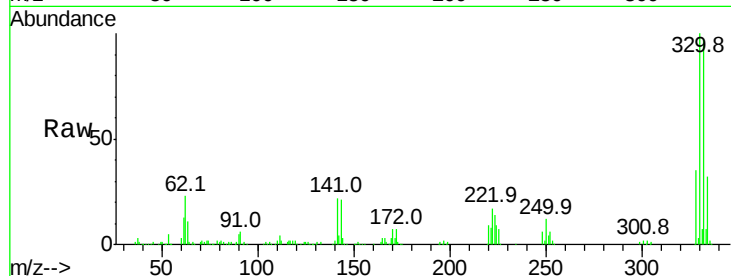




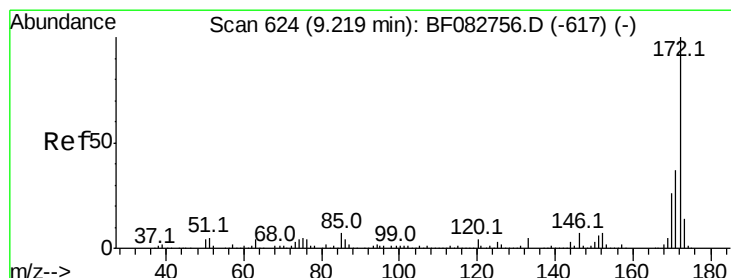
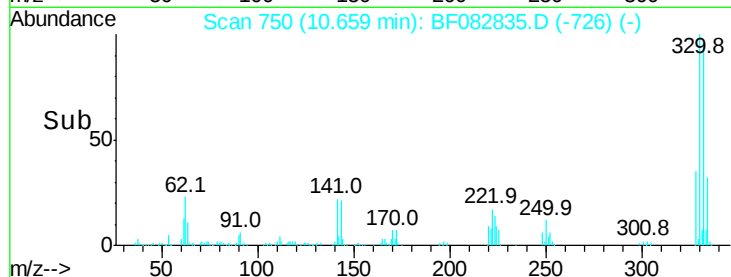
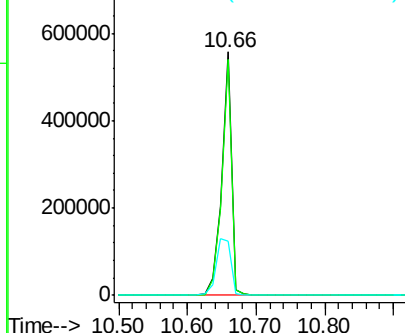
#41
 2,4,6-Tribromophenol
 Concen: 108.58 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Tot Ion:330 Resp: 567099
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.6 41.2 61.8#

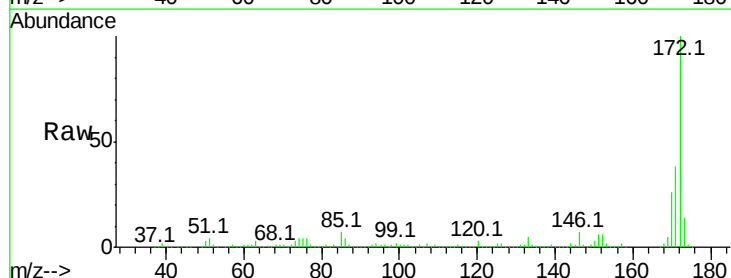


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

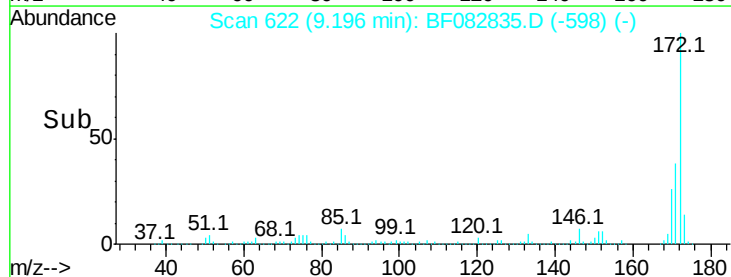
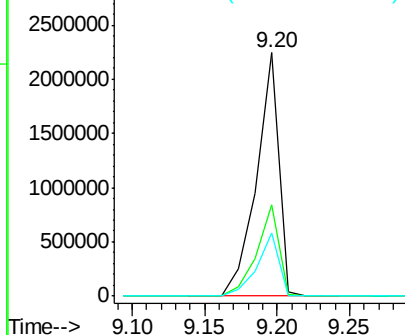


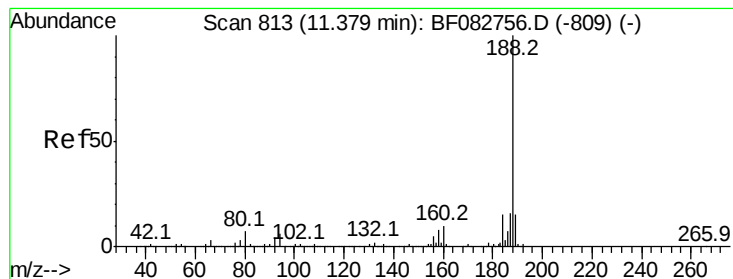
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Tgt Ion:172 Resp: 2391018
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.8 21.2 31.8



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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

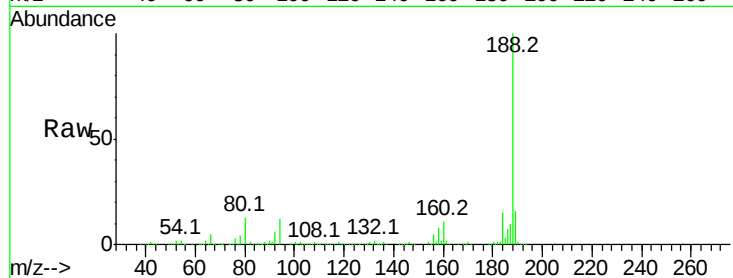
Tot Ion:188 Resp: 811366

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

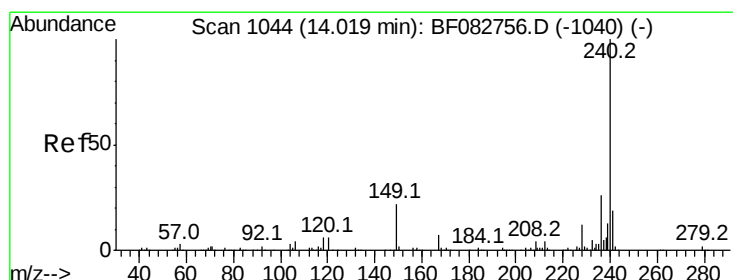
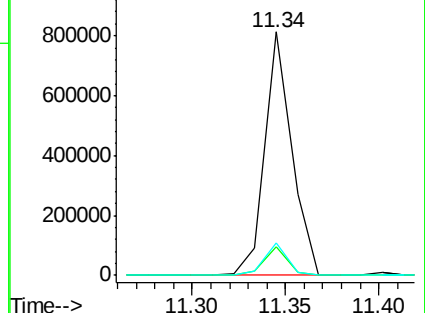
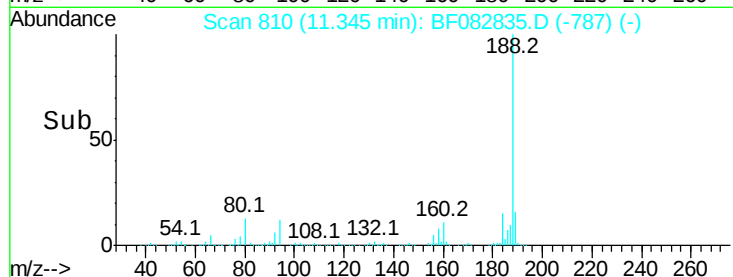
80 13.1 7.0 10.6#



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

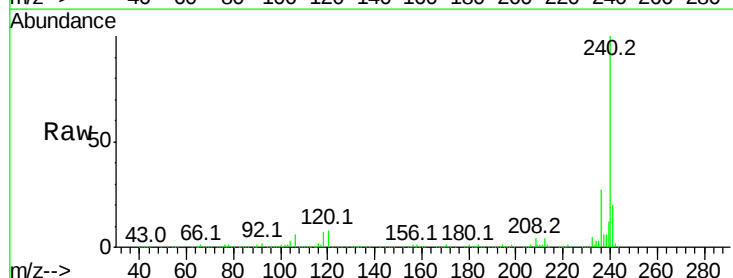
Tgt Ion:240 Resp: 800372

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

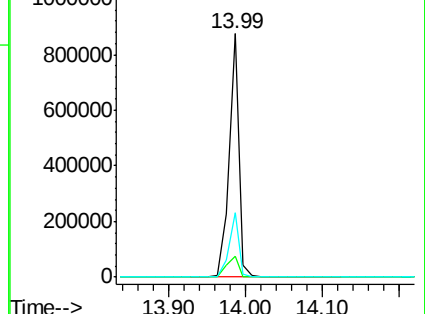
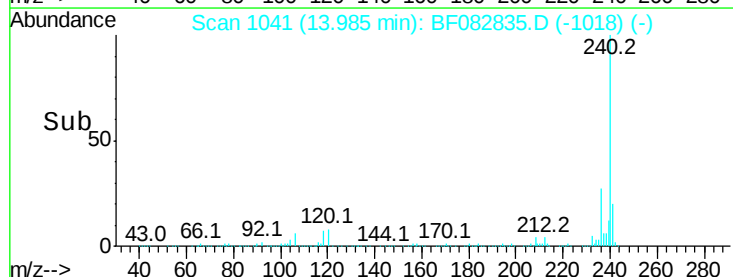
236 26.5 21.6 32.4

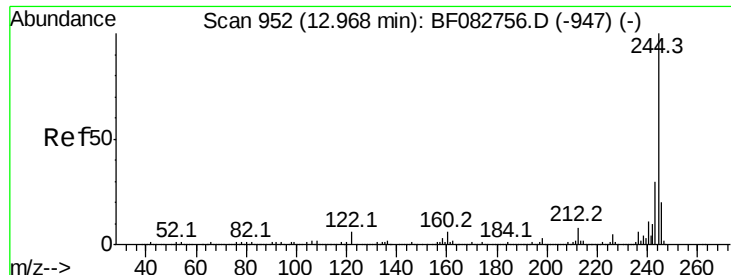


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.77 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

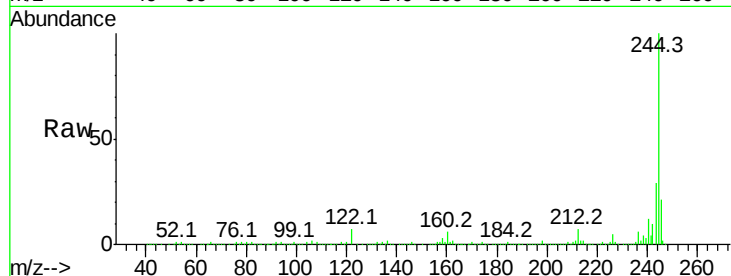
Tot Ion:244 Resp: 2455635

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.6	11.4#
122	6.6	11.3	16.9#

244 100

212 7.4 7.6 11.4#

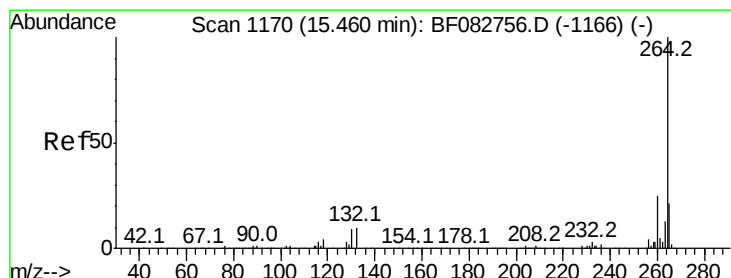
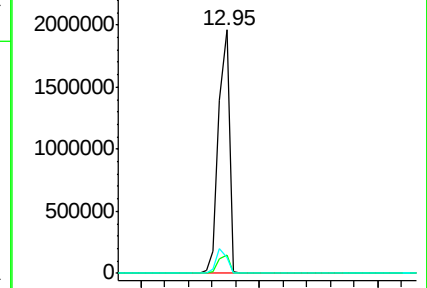
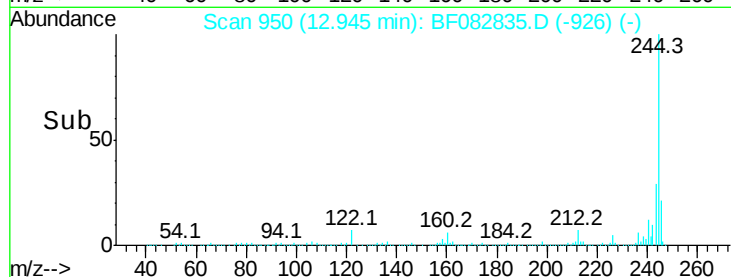
122 6.6 11.3 16.9#



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

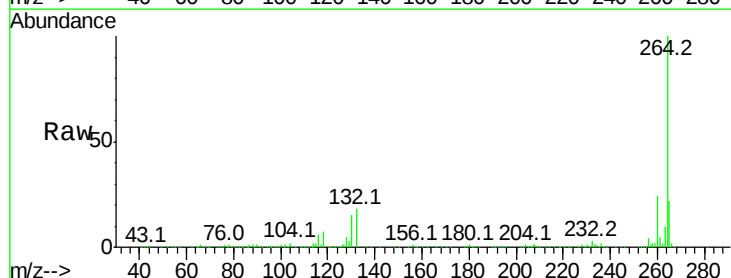
Tgt Ion:264 Resp: 701664

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.6	17.4	26.0

264 100

260 24.0 19.8 29.6

265 21.6 17.4 26.0



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

