

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
 Data File : BF082727.D
 Acq On : 5 Nov 2015 14:09
 Operator : UM/IZ
 Sample : G4241-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)

Quant Time: Nov 06 02:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

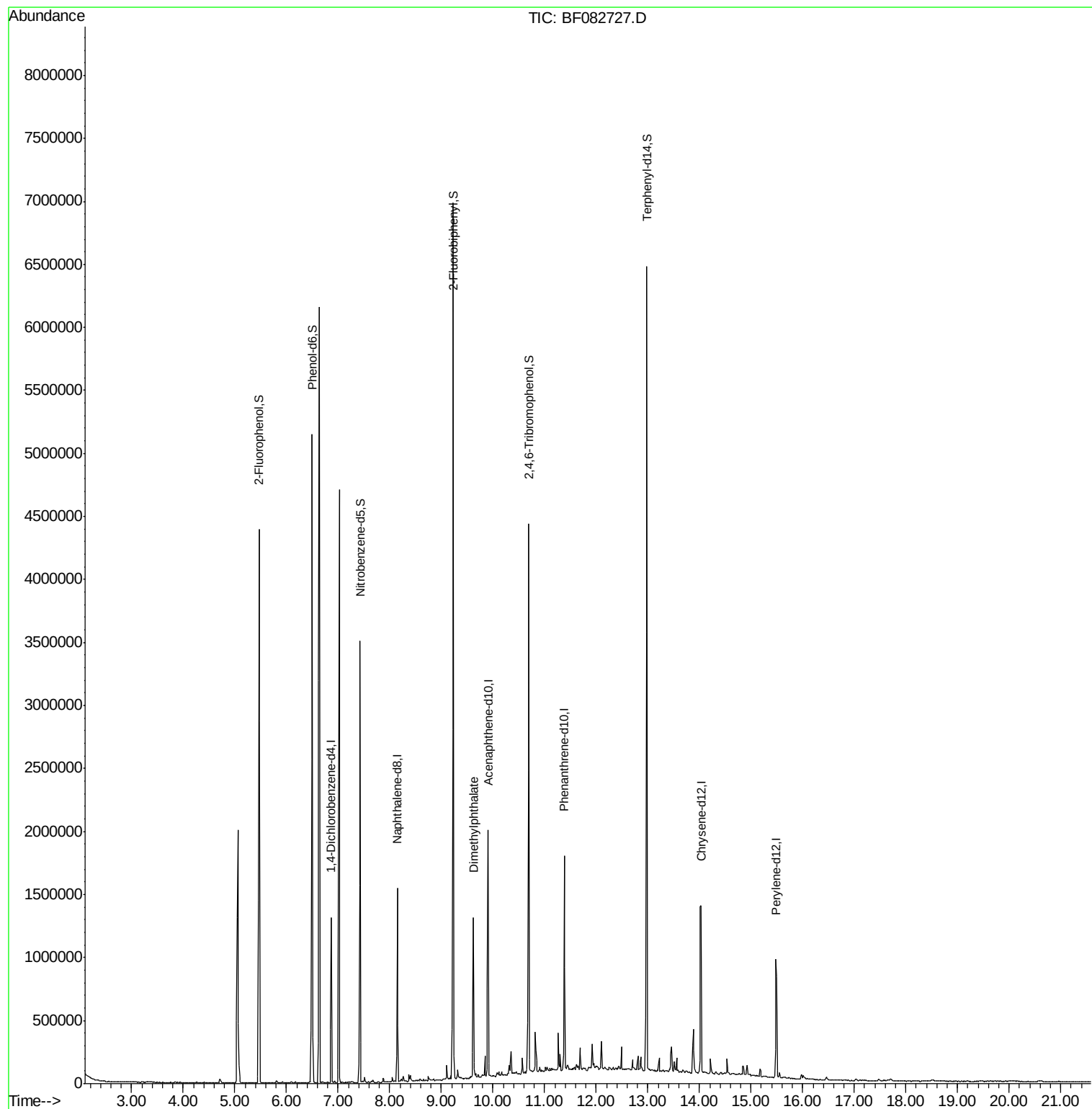
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194177	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	693529	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	410832	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	714835	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	715950	20.00	ng	-0.02
86) Perylene-d12	15.48	264	549636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1650413	128.01	ng	0.00
7) Phenol-d6	6.50	99	1917279	111.94	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1316543	77.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	573708	127.60	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2209098	76.34	ng	-0.02
78) Terphenyl-d14	12.98	244	2289258	69.98	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	460936	13.74	ng	Qvalue 99

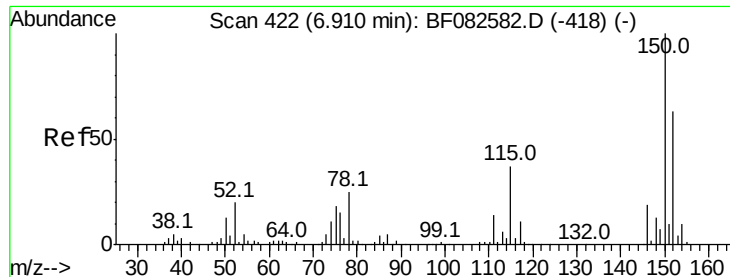
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)

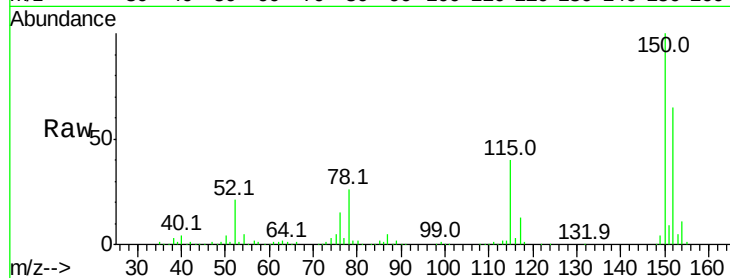
Tot Ion:152 Resp: 194177

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

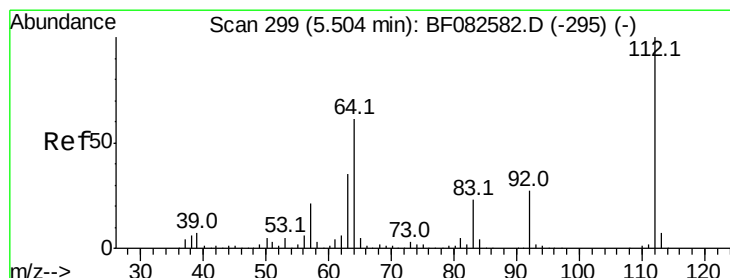
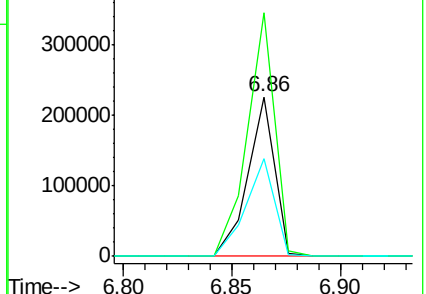
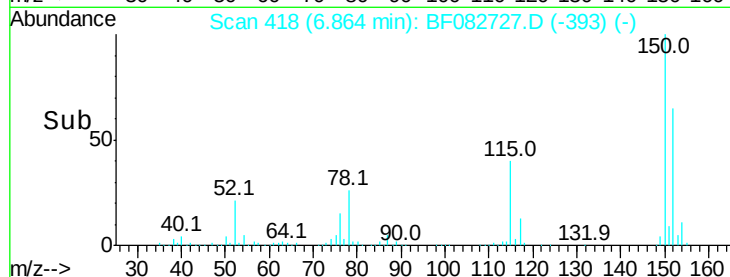
115 61.4 47.0 70.6



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: 128.01 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

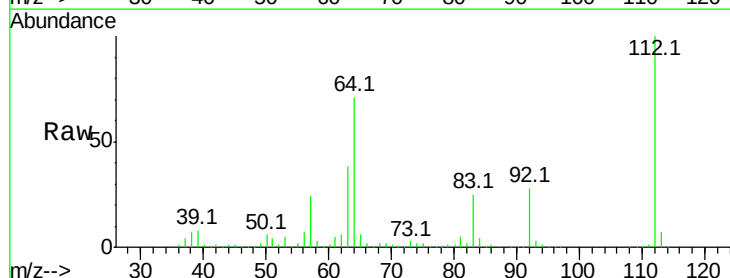
Tgt Ion:112 Resp: 1650413

Ion Ratio Lower Upper

112 100

64 71.0 48.9 73.3

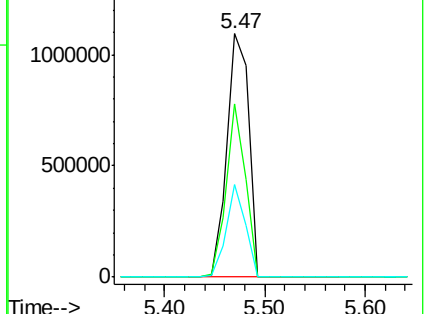
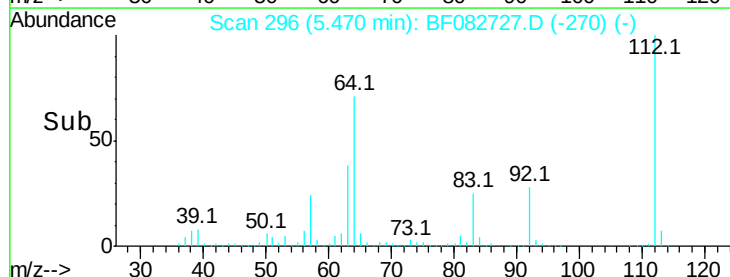
63 38.1 28.1 42.1

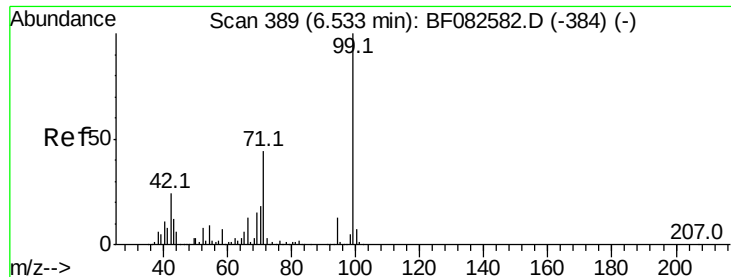


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)

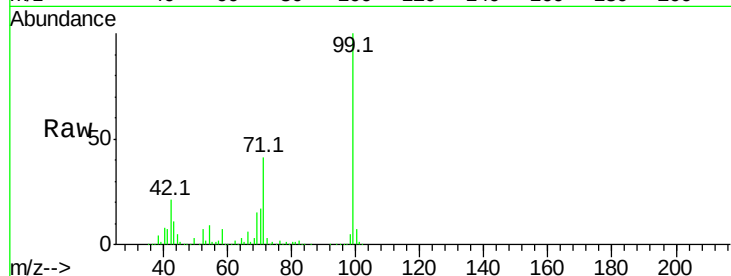
Tot Ion: 99 Resp: 1917279

Ion Ratio Lower Upper

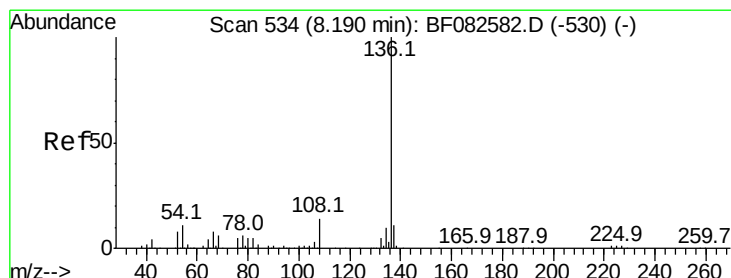
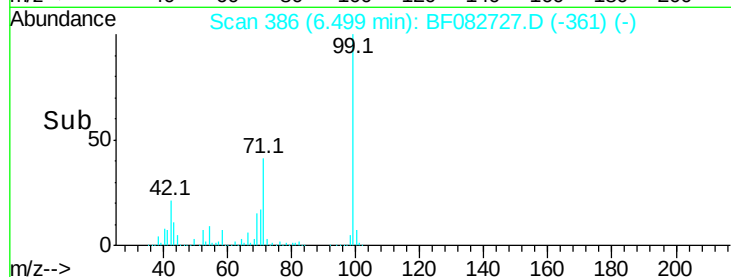
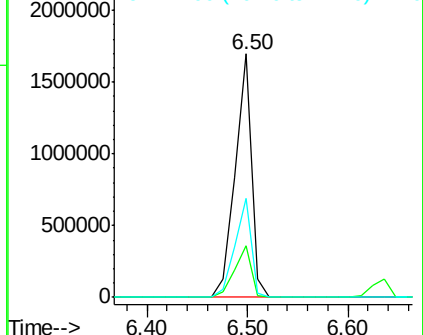
99 100

42 21.3 19.2 28.8

71 40.9 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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

Tgt Ion: 136 Resp: 693529

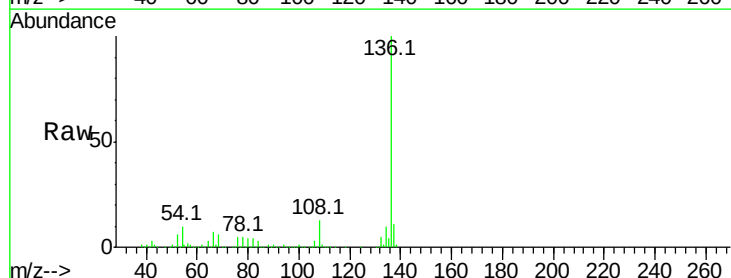
Ion Ratio Lower Upper

136 100

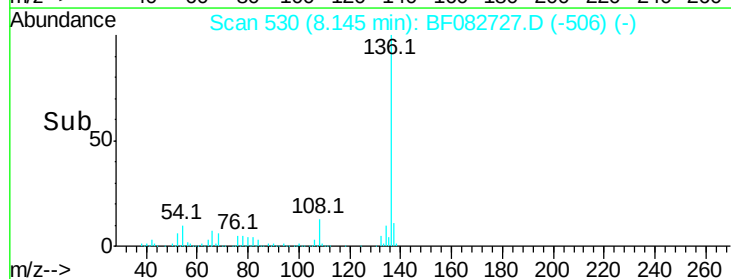
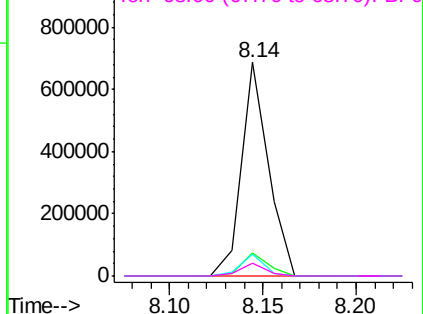
137 10.9 9.1 13.7

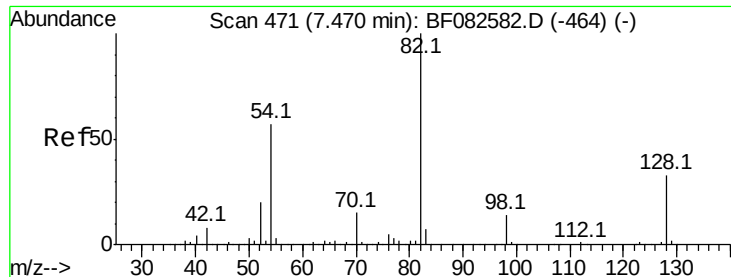
54 10.0 9.1 13.7

68 6.2 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

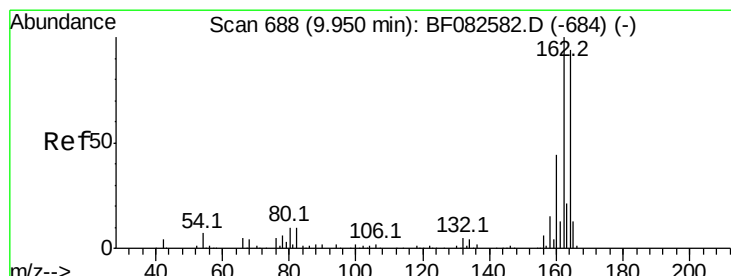
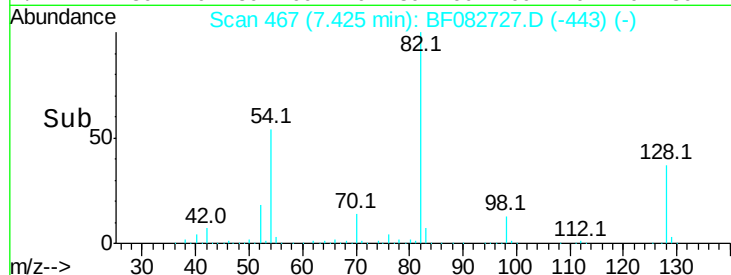
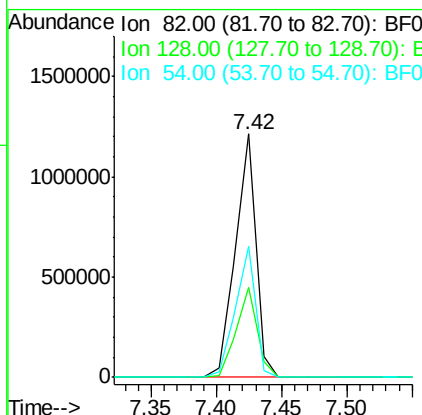
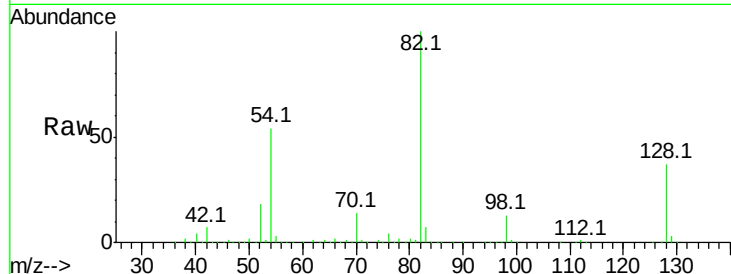




#23
 Nitrobenzene-d5
 Concen: 77.52 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082727.D
 Acq: 5 Nov 2015 14:09

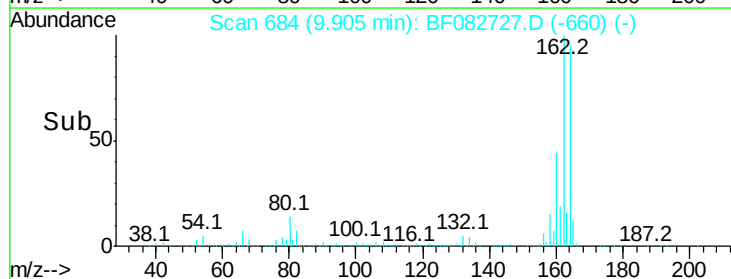
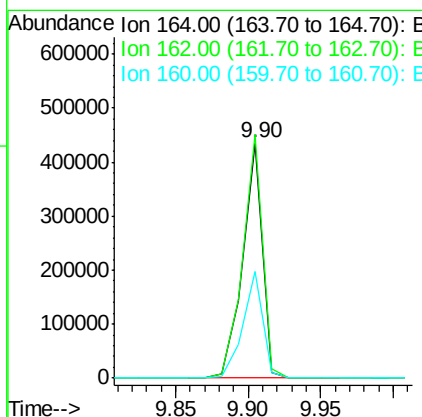
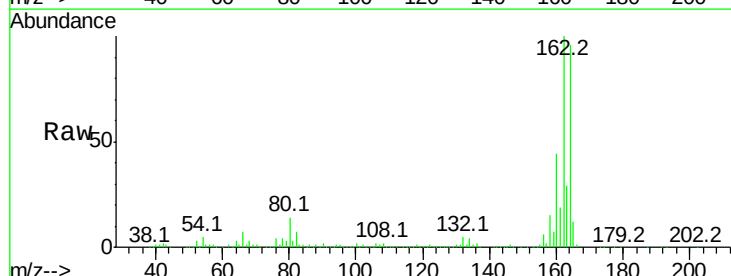
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)

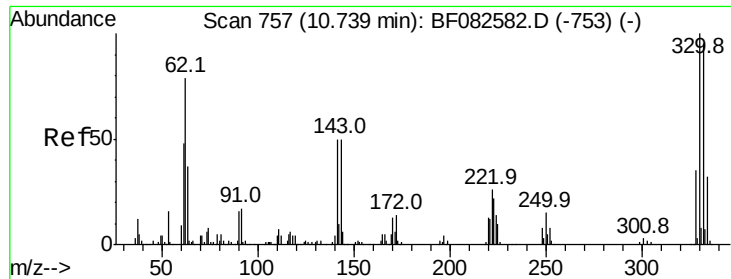
Tot Ion: 82 Resp: 1316543
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 53.9 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082727.D
 Acq: 5 Nov 2015 14:09

Tgt Ion:164 Resp: 410832
 Ion Ratio Lower Upper
 164 100
 162 103.8 84.9 127.3
 160 45.3 37.5 56.3

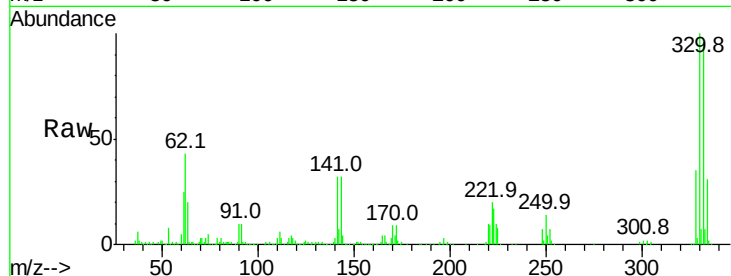




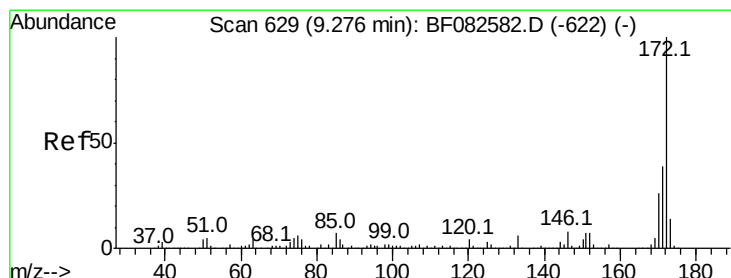
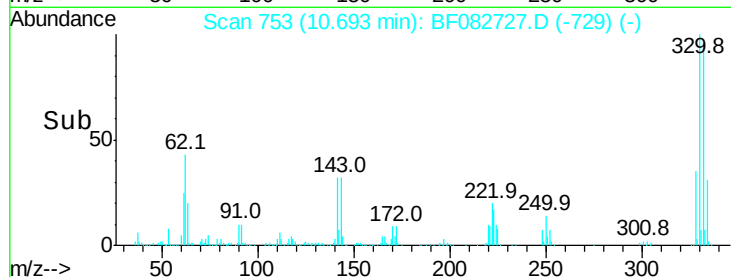
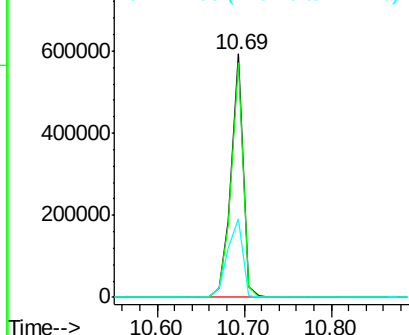
#41
 2,4,6-Tribromophenol
 Concen: 127.60 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082727.D
 Acq: 5 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	40.8	41.2	61.8#

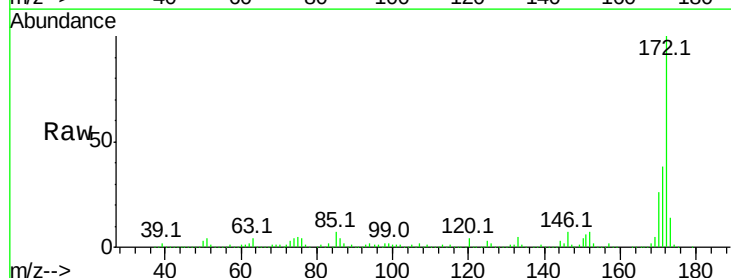


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

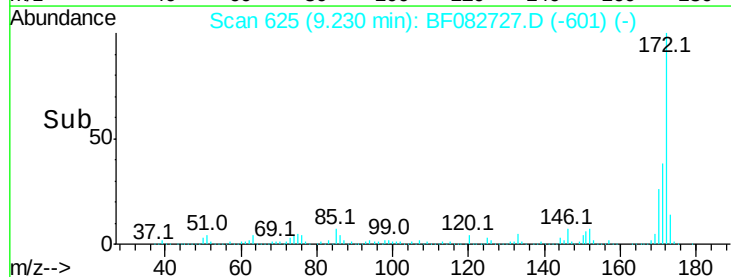
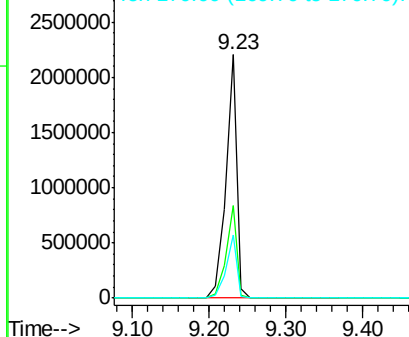


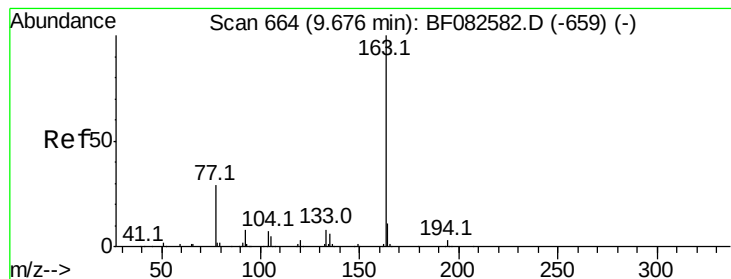
#44
 2-Fluorobiphenyl
 Concen: 76.34 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082727.D
 Acq: 5 Nov 2015 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.9	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





#49

Dimethylphthalate

Concen: 13.74 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)

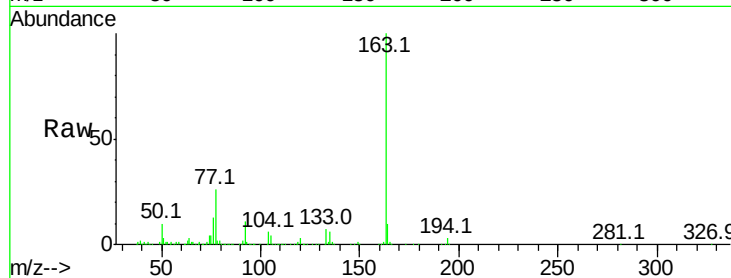
Tot Ion:163 Resp: 460936

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

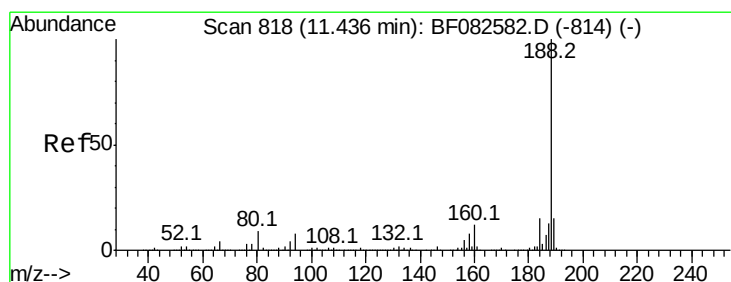
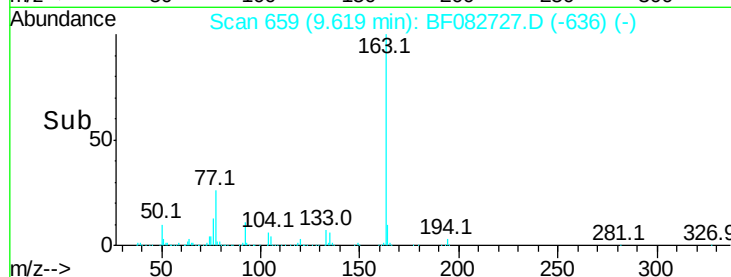
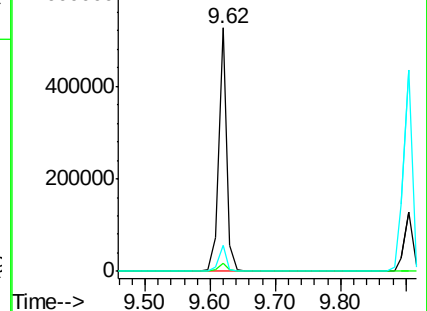
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

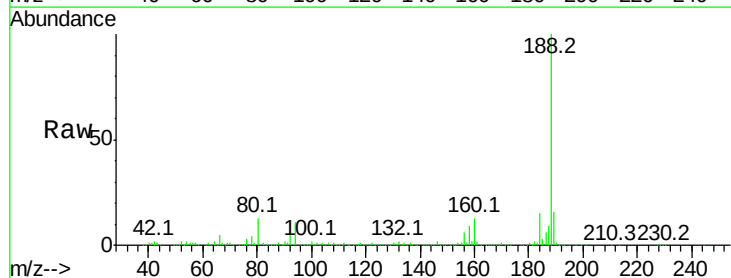
Tgt Ion:188 Resp: 714835

Ion Ratio Lower Upper

188 100

94 11.0 6.1 9.1#

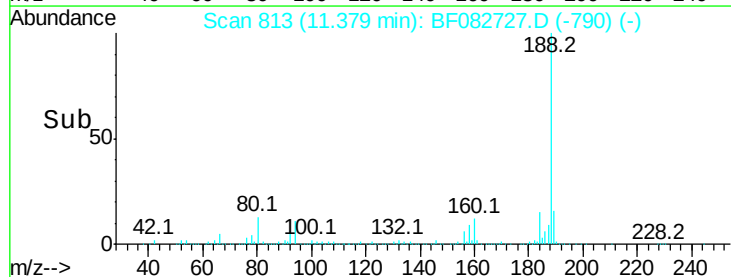
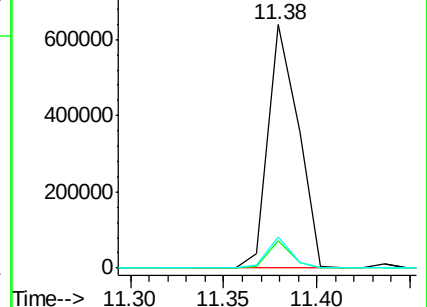
80 12.5 7.0 10.6#

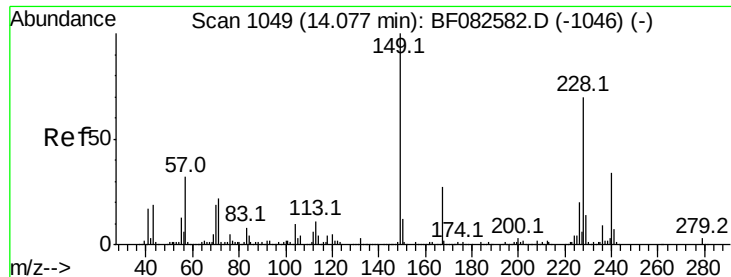


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)

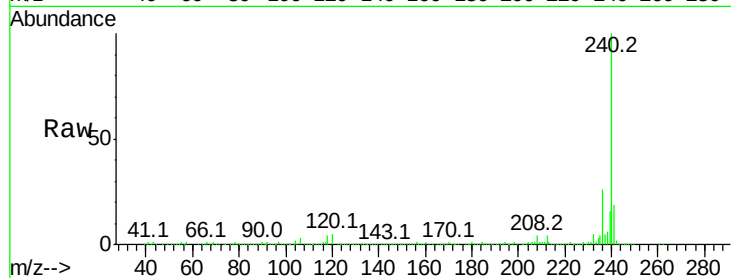
Tot Ion:240 Resp: 715950

Ion Ratio Lower Upper

240 100

120 4.6 10.9 16.3#

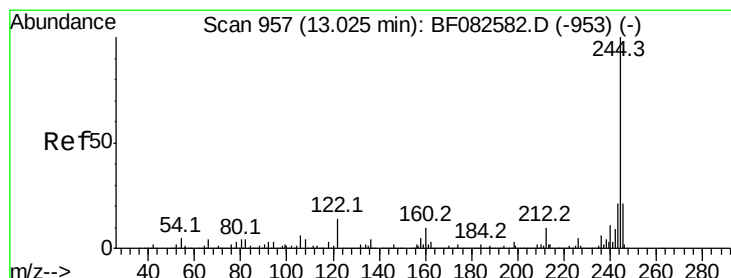
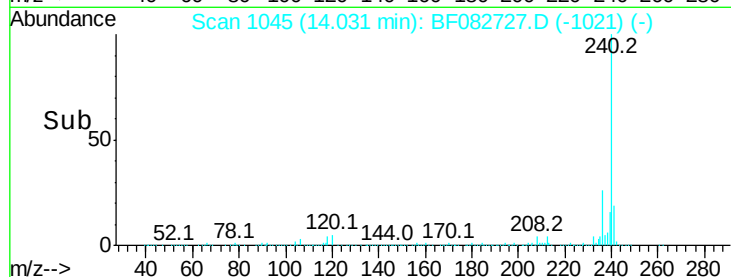
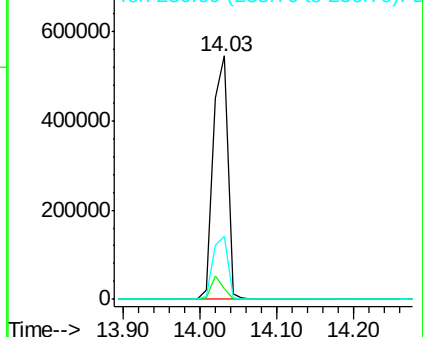
236 26.1 21.6 32.4



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: 69.98 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082727.D

Acq: 5 Nov 2015 14:09

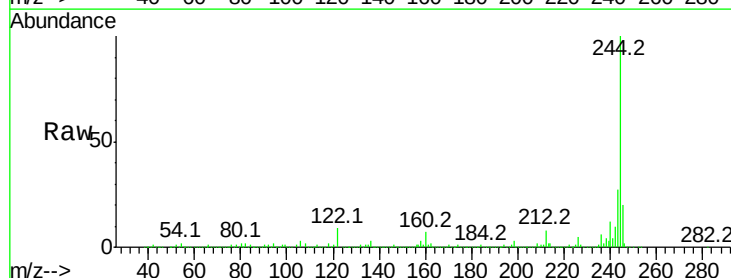
Tgt Ion:244 Resp: 2289258

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

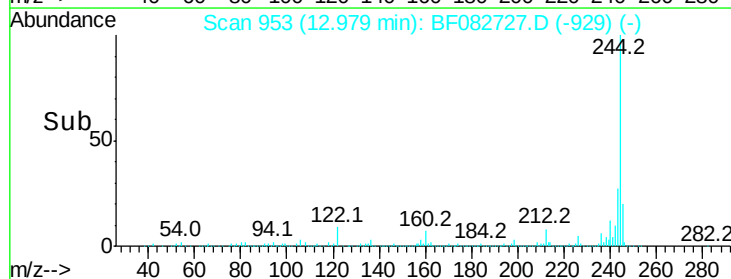
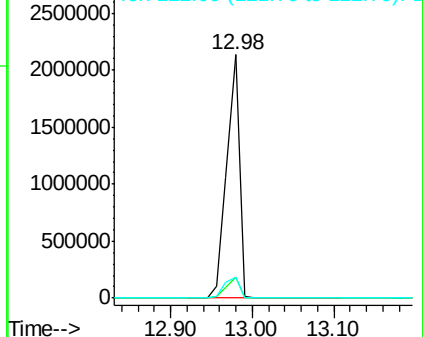
122 8.6 11.3 16.9#

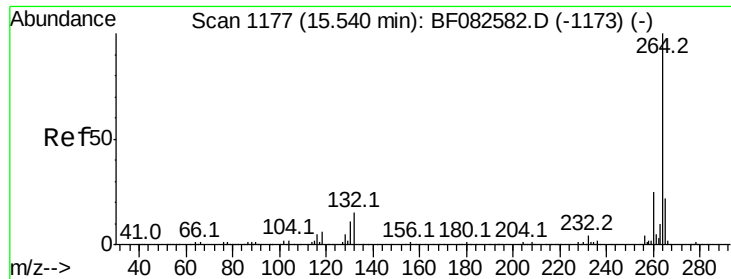


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

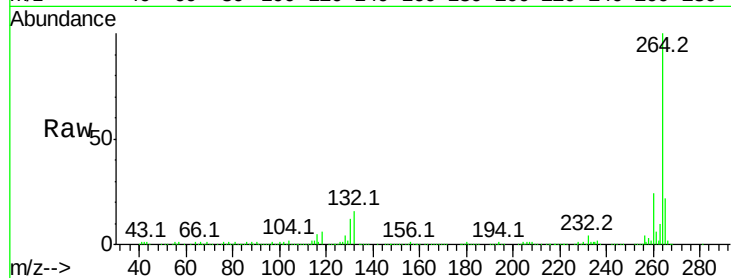




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082727.D
 Acq: 5 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)

Tot Ion:	264	Resp:	549636
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.8	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

