

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082715.D
 Acq On : 4 Nov 2015 22:08
 Operator : UM/IZ
 Sample : G4241-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

Quant Time: Nov 05 06:21:49 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

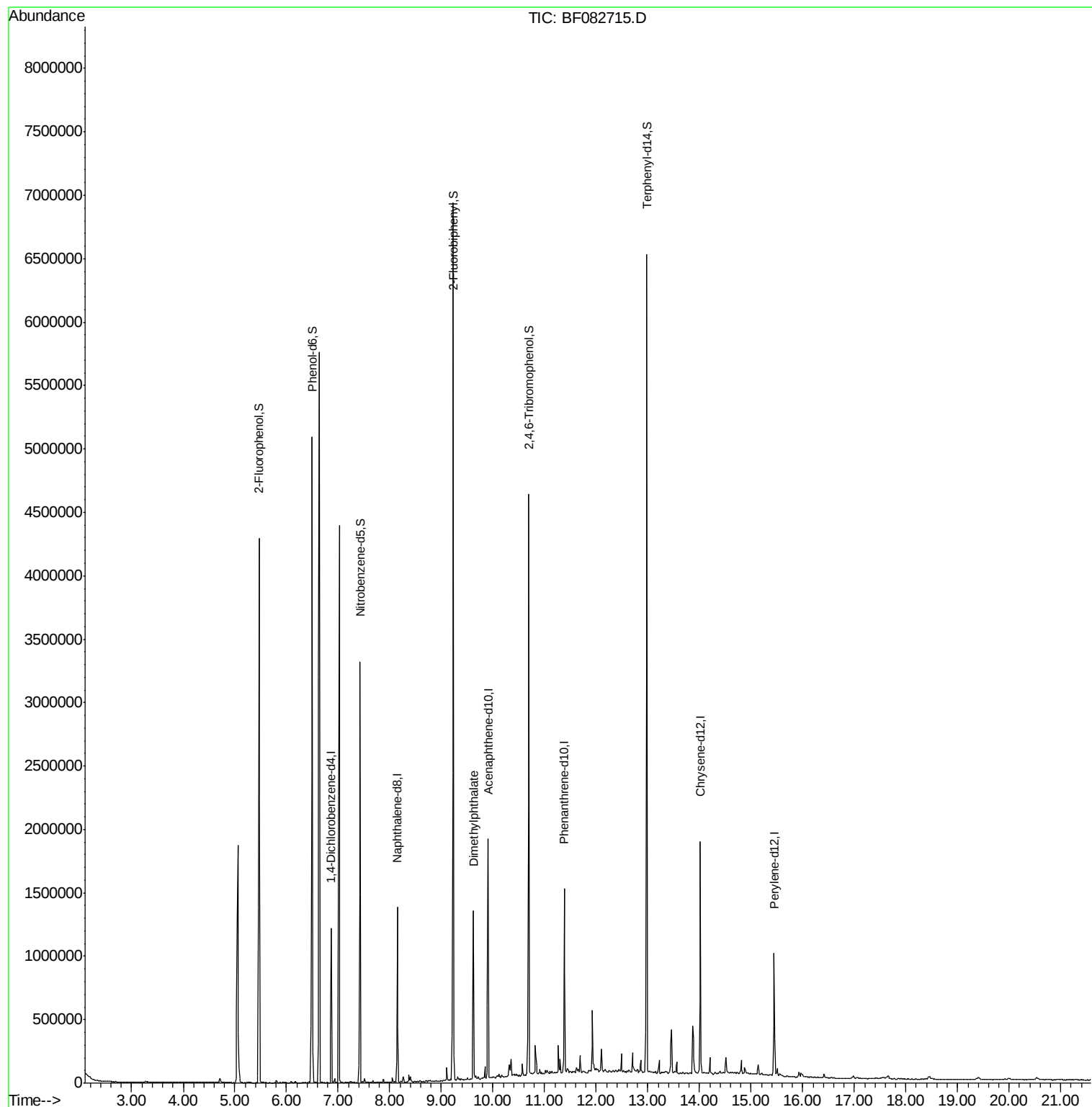
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175055	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	628443	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	378251	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	634135	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	636302	20.00	ng	-0.03
86) Perylene-d12	15.45	264	456005	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1494322	128.57	ng	0.00
7) Phenol-d6	6.50	99	1860766	120.51	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1250929	81.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	540100	130.47	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2075994	77.92	ng	-0.02
78) Terphenyl-d14	12.98	244	2208823	75.97	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	463264	15.00	ng	98

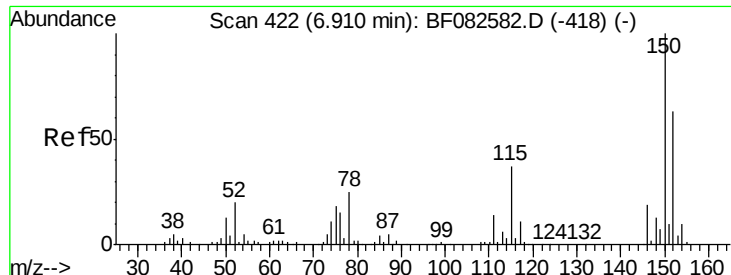
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

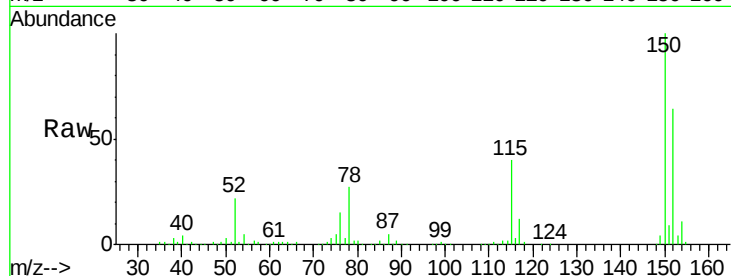
Tot Ion:152 Resp: 175055

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

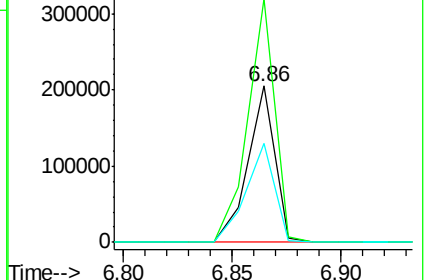
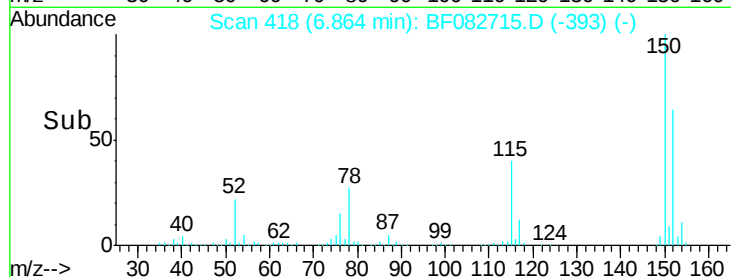
115 63.1 47.0 70.6



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: 128.57 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

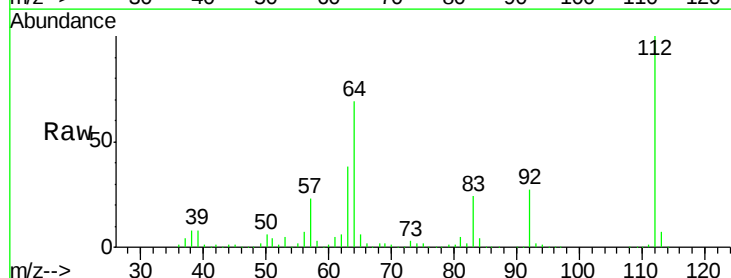
Tgt Ion:112 Resp: 1494322

Ion Ratio Lower Upper

112 100

64 68.7 48.9 73.3

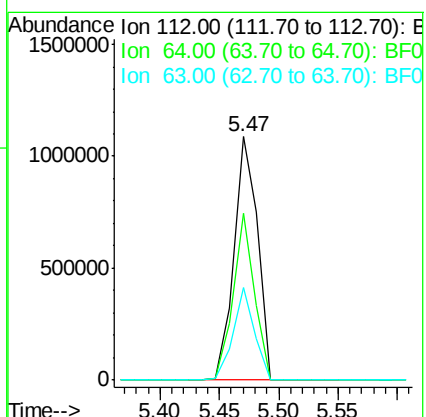
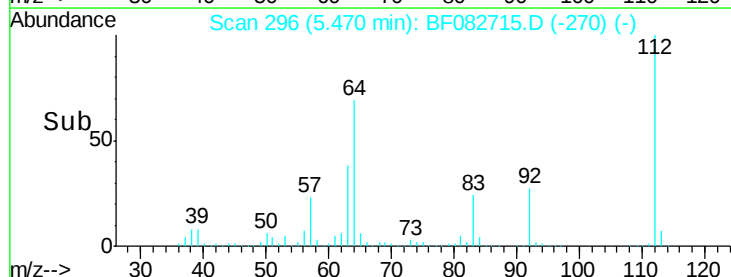
63 37.9 28.1 42.1



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: 120.51 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

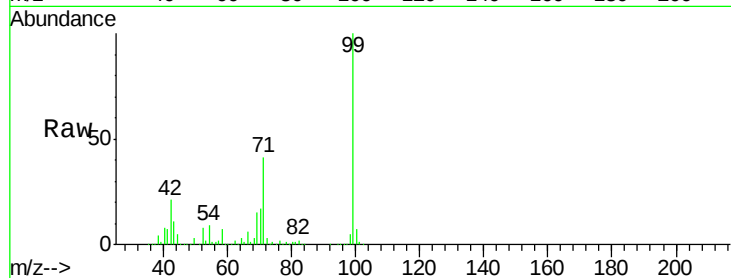
Tot Ion: 99 Resp: 1860766

Ion Ratio Lower Upper

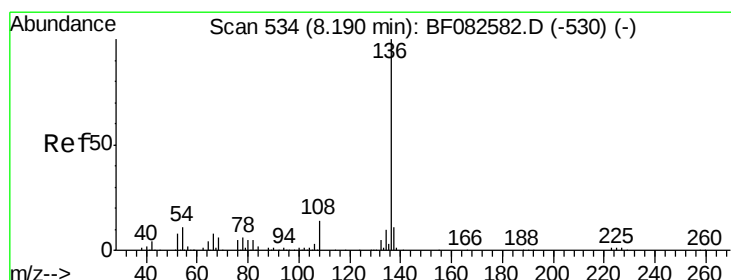
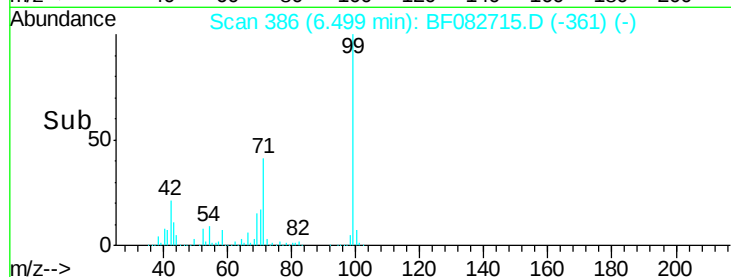
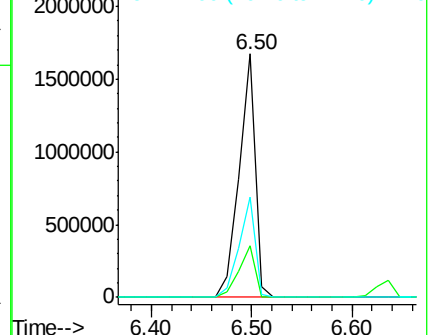
99 100

42 21.4 19.2 28.8

71 41.0 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: BF082715.D

Acq: 4 Nov 2015 22:08

Tgt Ion: 136 Resp: 628443

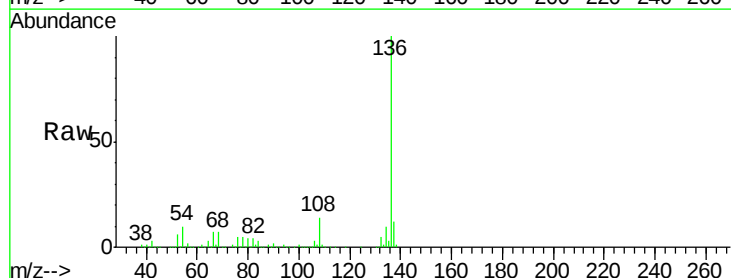
Ion Ratio Lower Upper

136 100

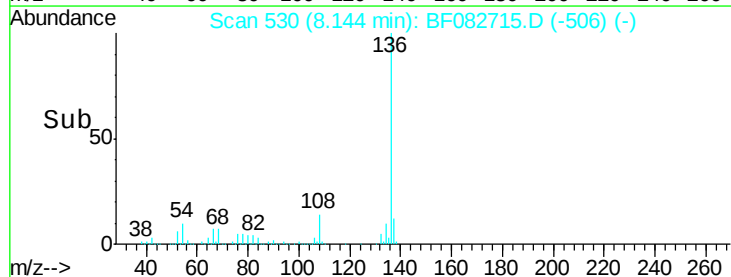
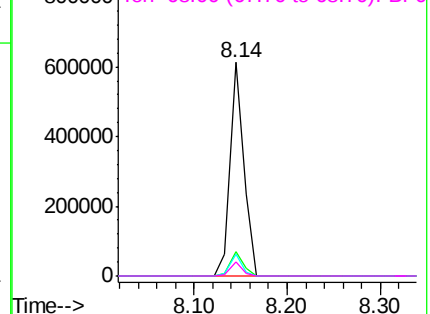
137 11.5 9.1 13.7

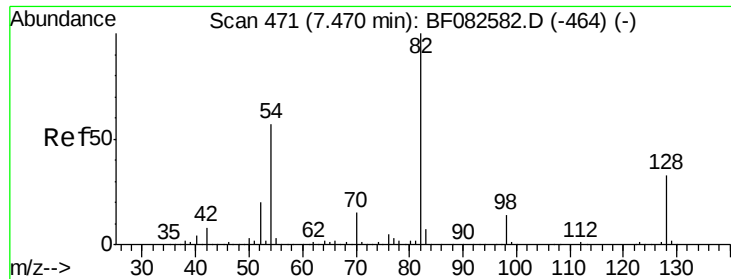
54 10.3 9.1 13.7

68 6.6 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

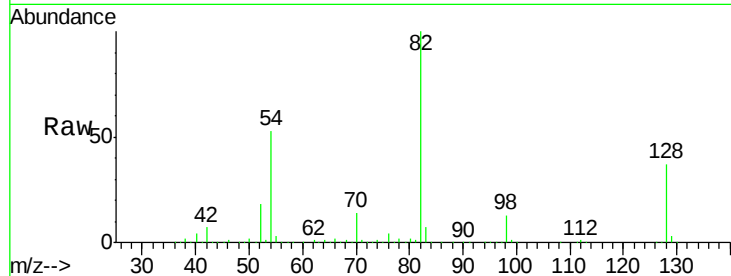




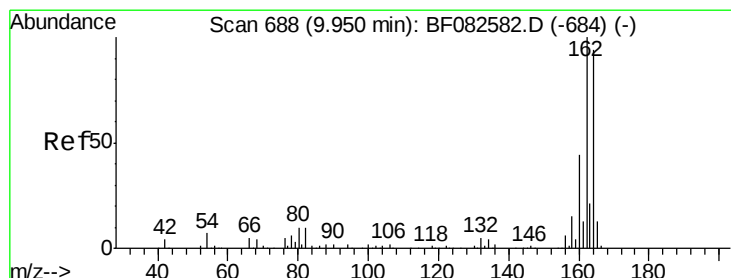
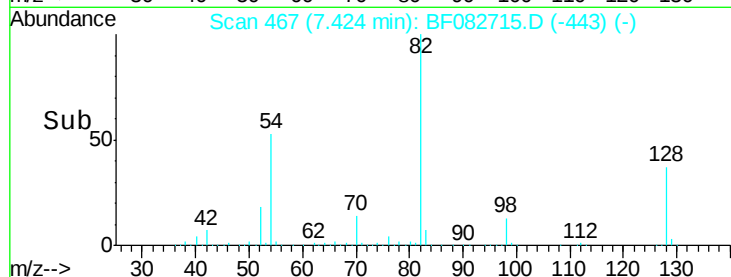
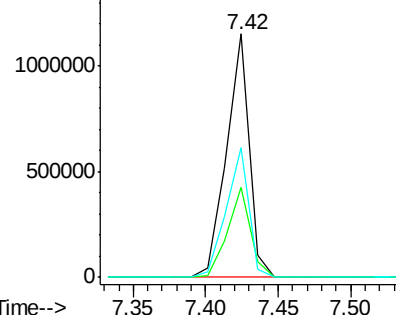
#23
Nitrobenzene-d5
Concen: 81.28 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

Tot Ion: 82 Resp: 1250929
Ion Ratio Lower Upper
82 100
128 36.7 26.8 40.2
54 53.4 45.7 68.5

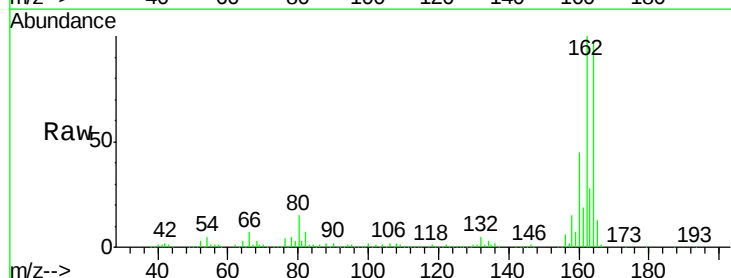


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

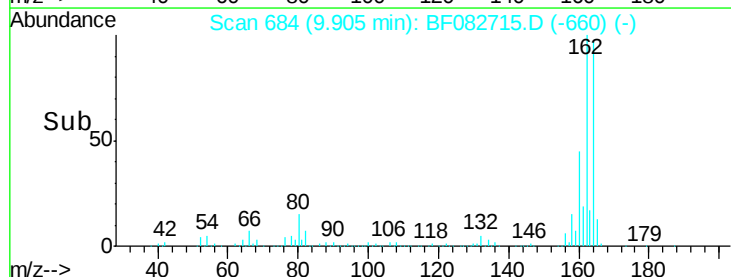
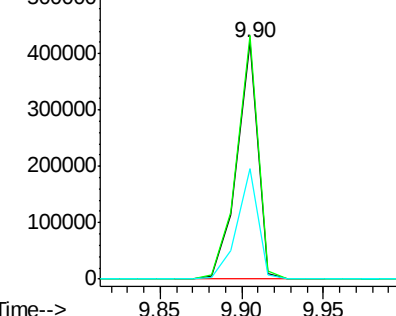


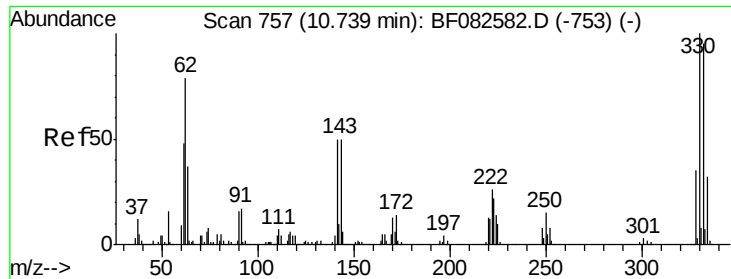
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Tgt Ion:164 Resp: 378251
Ion Ratio Lower Upper
164 100
162 102.7 84.9 127.3
160 46.5 37.5 56.3



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

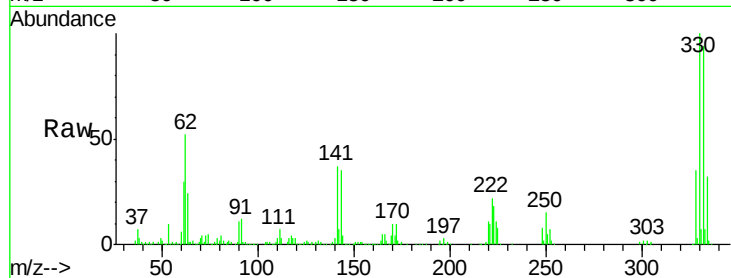




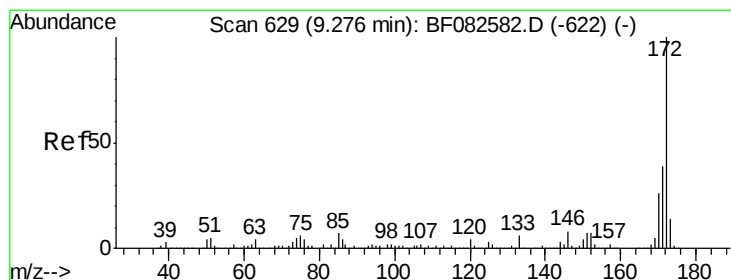
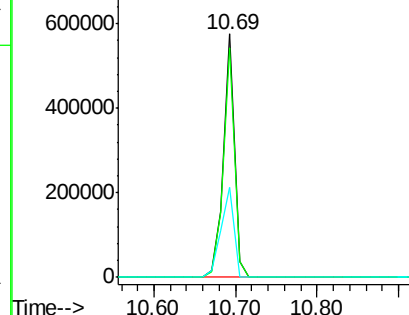
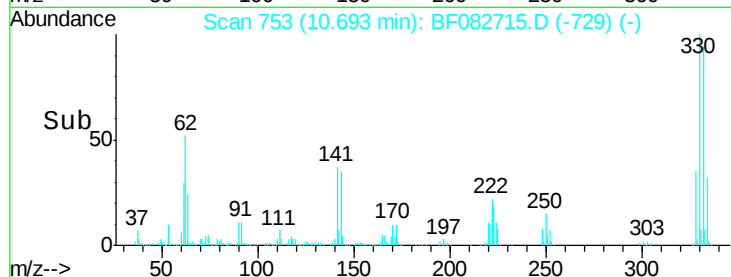
#41
 2,4,6-Tribromophenol
 Concen: 130.47 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	43.2	41.2	61.8

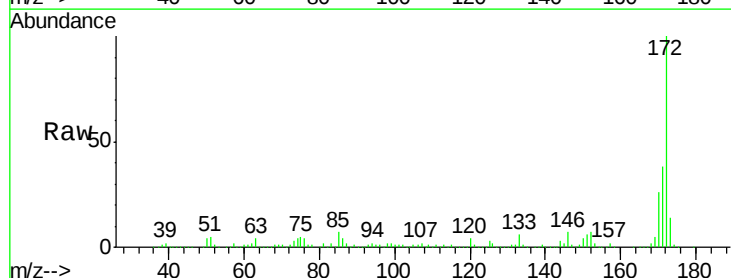


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

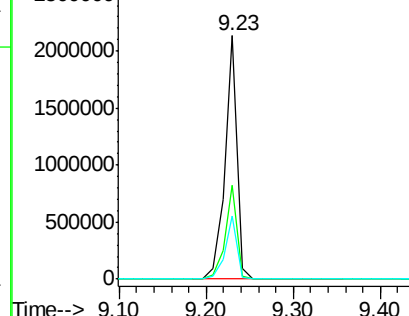
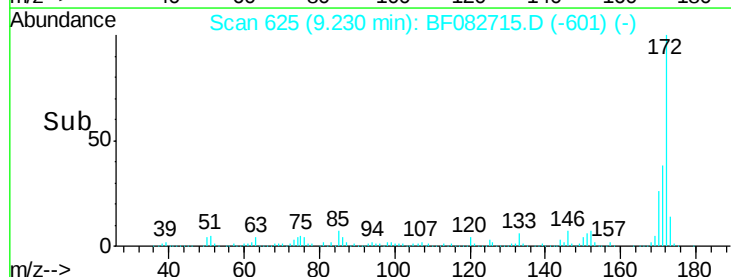


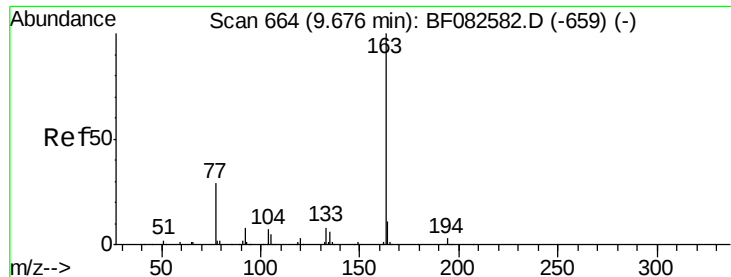
#44
 2-Fluorobiphenyl
 Concen: 77.92 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.0	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

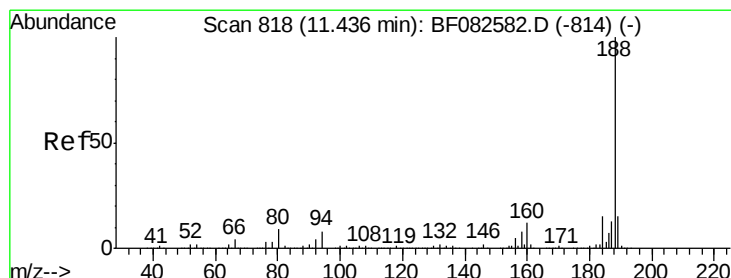
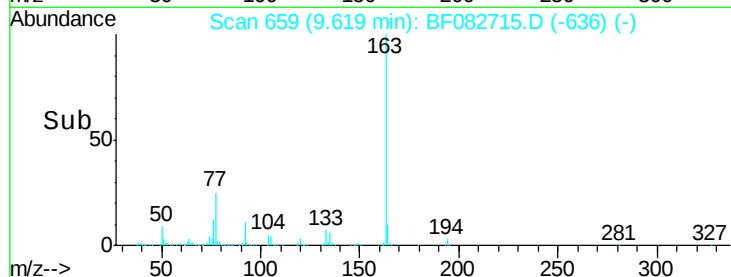
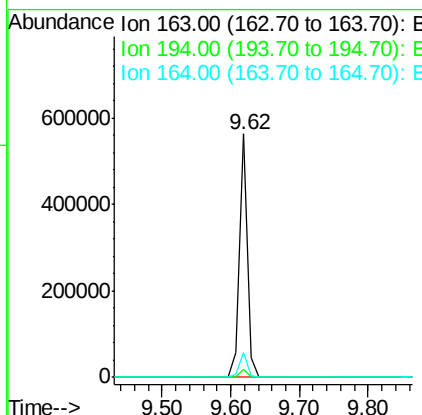
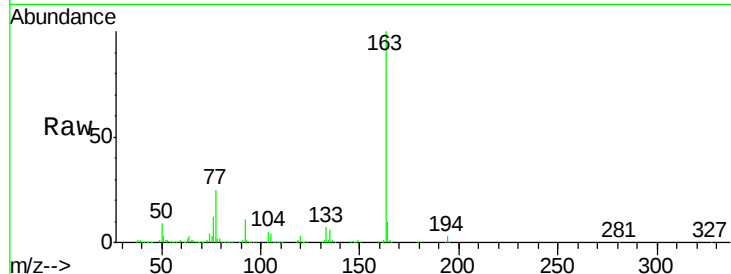




#49
Dimethylphthalate
Concen: 15.00 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

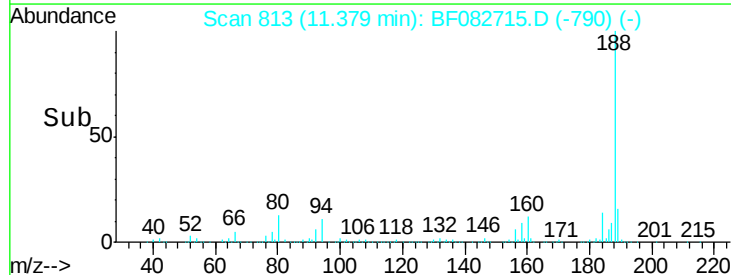
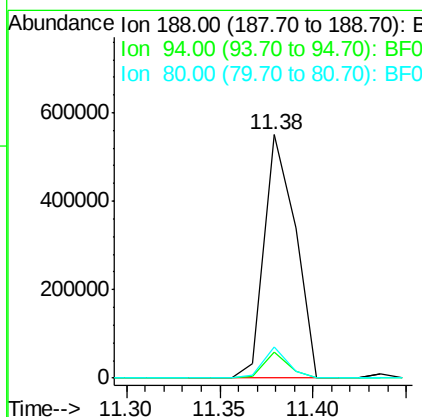
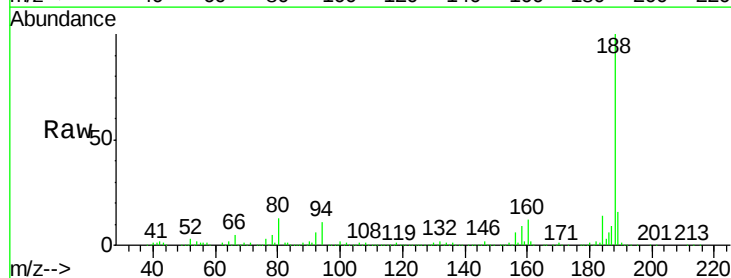
Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

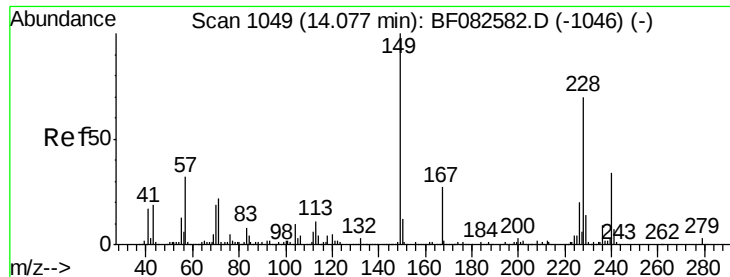
Tot Ion:163 Resp: 463264
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.7 13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Tgt Ion:188 Resp: 634135
Ion Ratio Lower Upper
188 100
94 10.5 6.1 9.1#
80 12.9 7.0 10.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

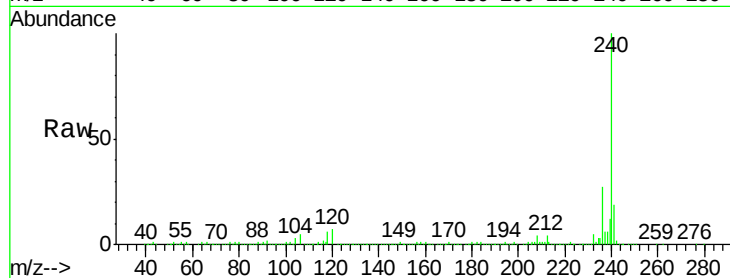
Tot Ion:240 Resp: 636302

Ion Ratio Lower Upper

240 100

120 7.0 10.9 16.3#

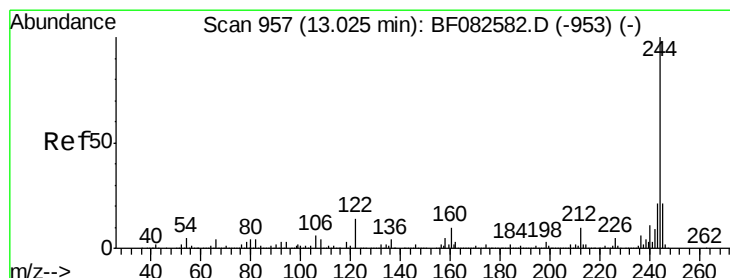
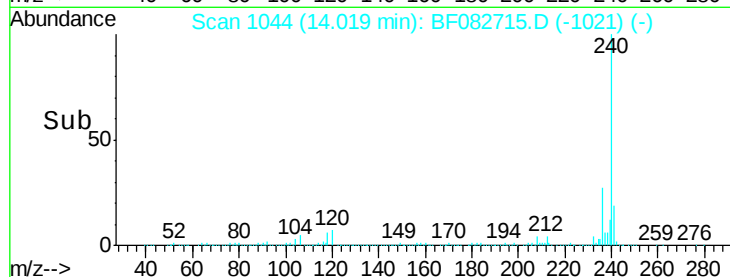
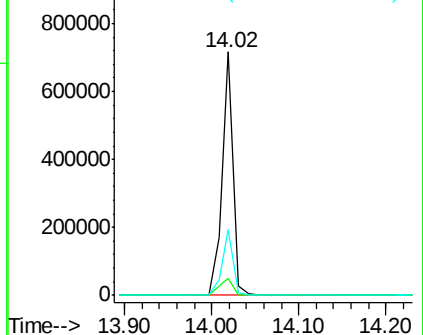
236 26.9 21.6 32.4



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: 75.97 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

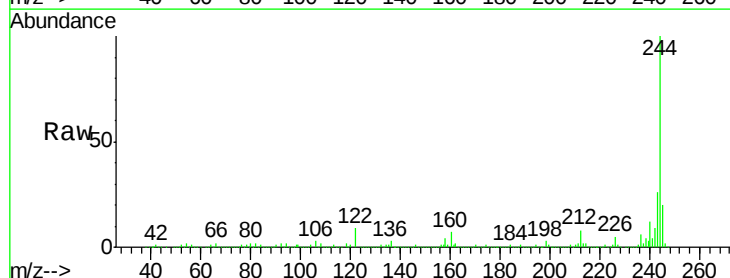
Tgt Ion:244 Resp: 2208823

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

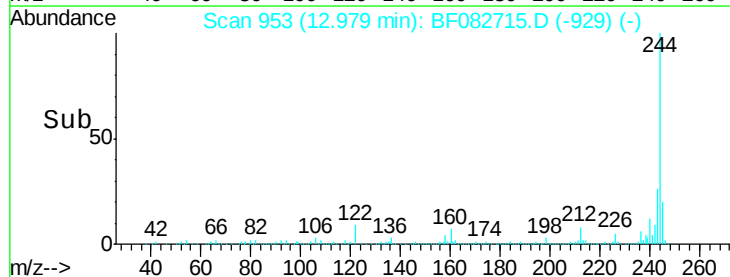
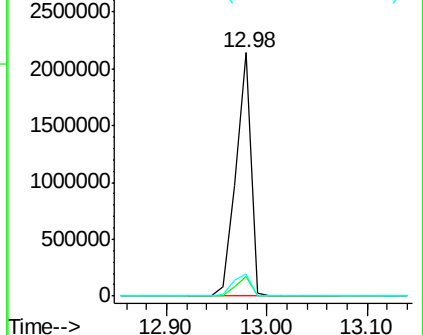
122 9.3 11.3 16.9#

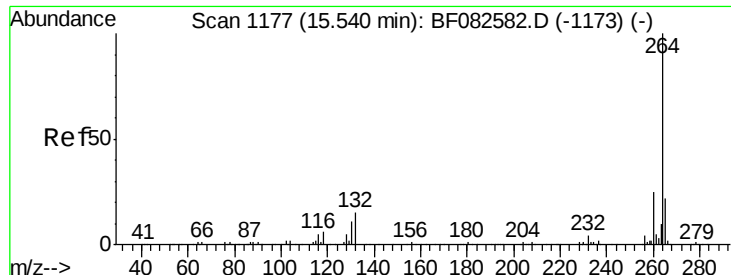


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.9	17.4	26.0

