

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082707.D
 Acq On : 4 Nov 2015 18:14
 Operator : UM/IZ
 Sample : G4240-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(14-16)

Quant Time: Nov 05 05:54:43 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

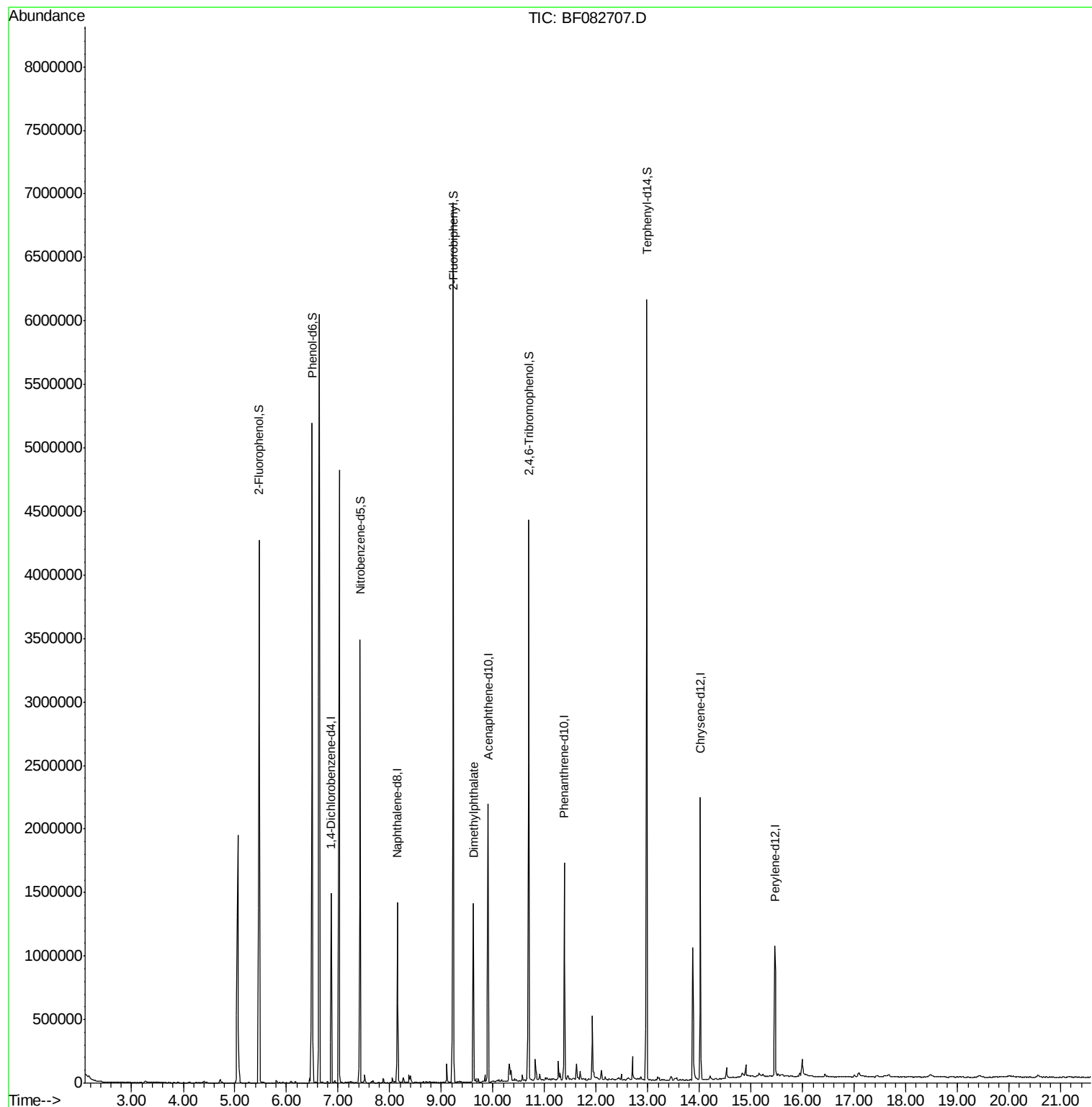
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200440	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	697599	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	433463	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	750474	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	727662	20.00	ng	-0.03
86) Perylene-d12	15.46	264	574649	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1601423	120.33	ng	0.00
7) Phenol-d6	6.50	99	1879827	106.33	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1298260	76.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	581042	122.48	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2085460	68.31	ng	-0.02
78) Terphenyl-d14	12.98	244	2291298	68.91	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	492214	13.90	ng	Qvalue 99

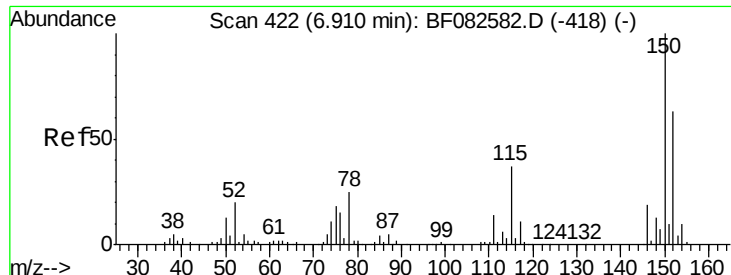
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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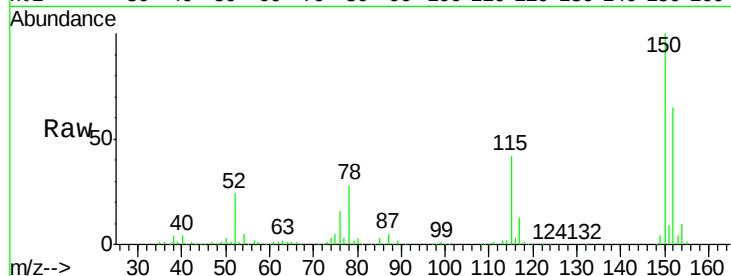


#1

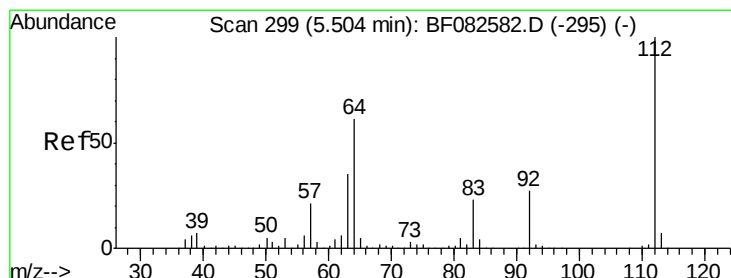
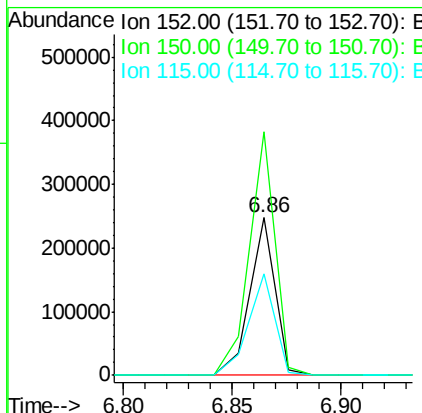
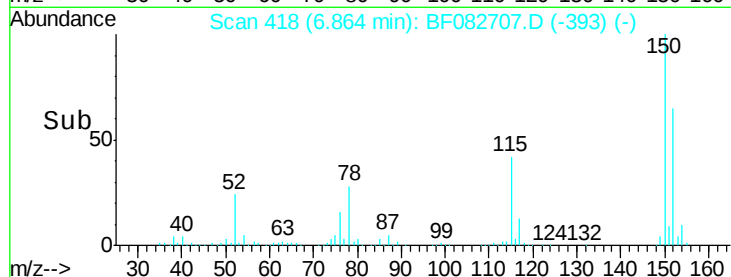
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

Instrument :
BNA_F
ClientSampleId :
SB-01(14-16)

Tot Ion:152 Resp: 200440
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.4
115 64.2 47.0 70.6



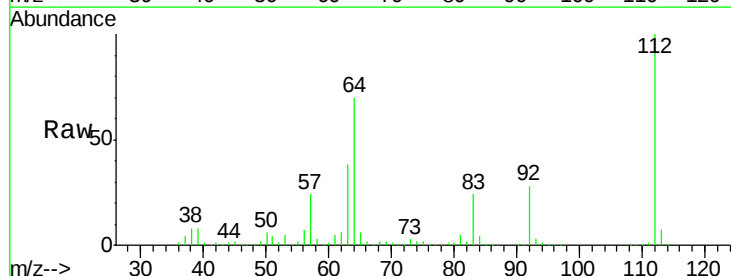
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



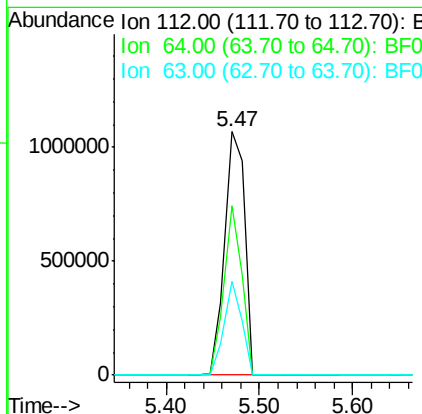
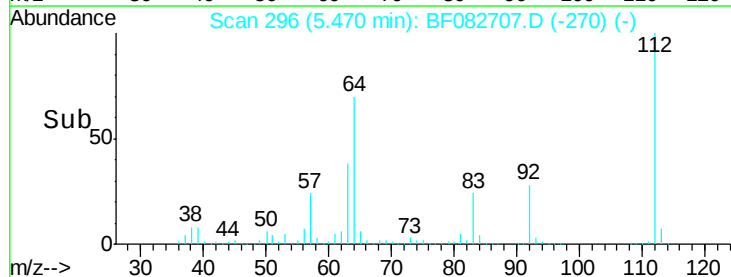
#5

2-Fluorophenol
Concen: 120.33 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.00 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

Tgt Ion:112 Resp: 1601423
Ion Ratio Lower Upper
112 100
64 69.7 48.9 73.3
63 38.3 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: 106.33 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082707.D

Acq: 4 Nov 2015 18:14

Instrument :

BNA_F

ClientSampleId :

SB-01(14-16)

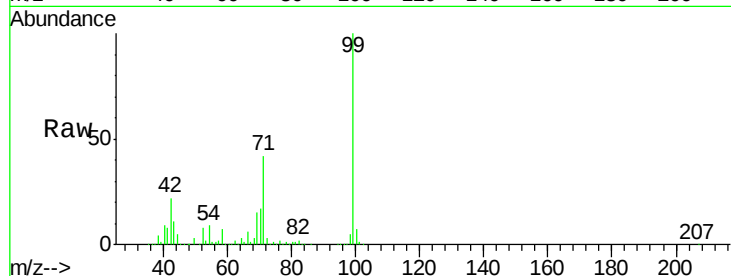
Tot Ion: 99 Resp: 1879827

Ion Ratio Lower Upper

99 100

42 22.0 19.2 28.8

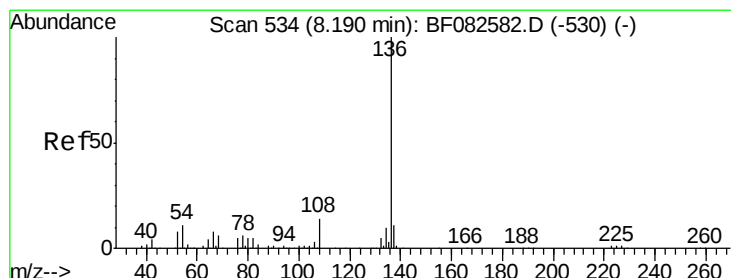
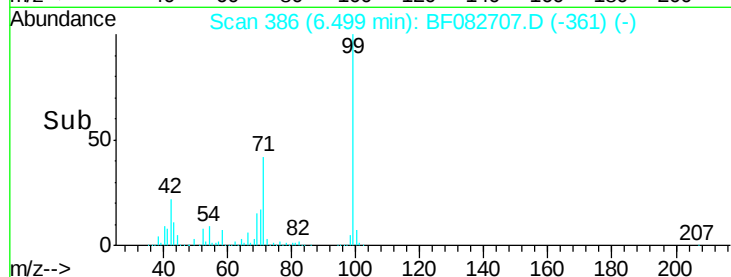
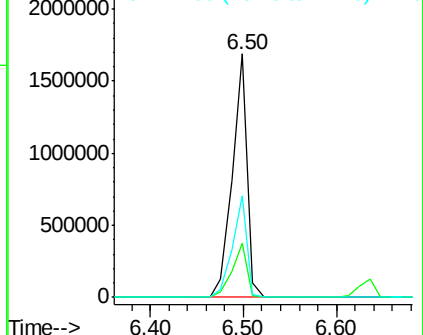
71 41.8 35.0 52.4



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: BF082707.D

Acq: 4 Nov 2015 18:14

Tgt Ion: 136 Resp: 697599

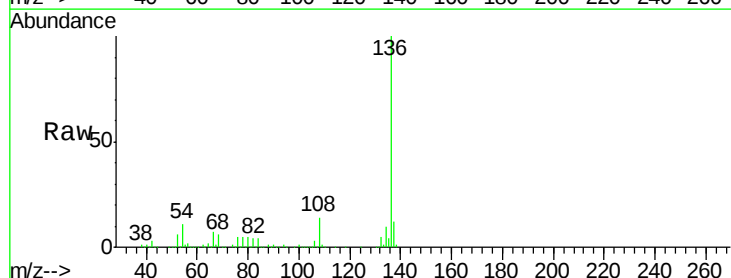
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.6 9.1 13.7

68 6.3 4.8 7.2

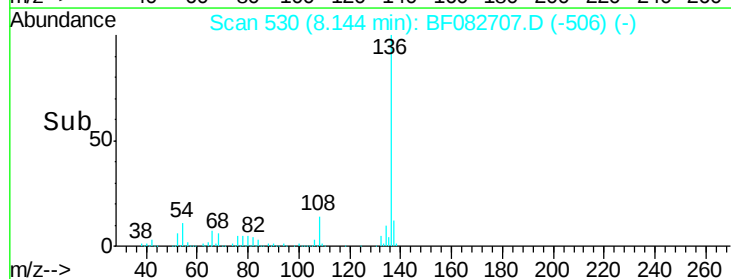
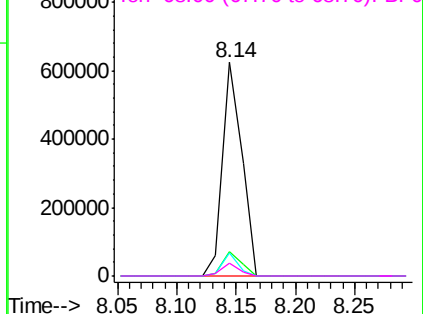


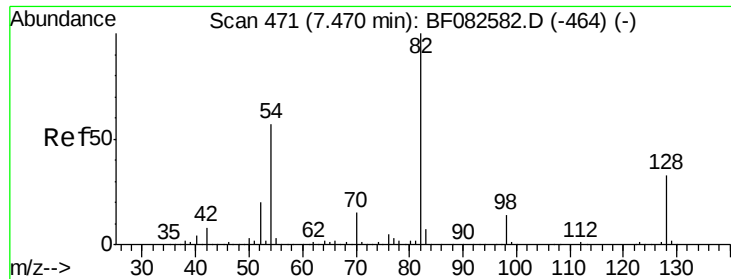
Abundance Ion 136.00 (135.70 to 136.70): E

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

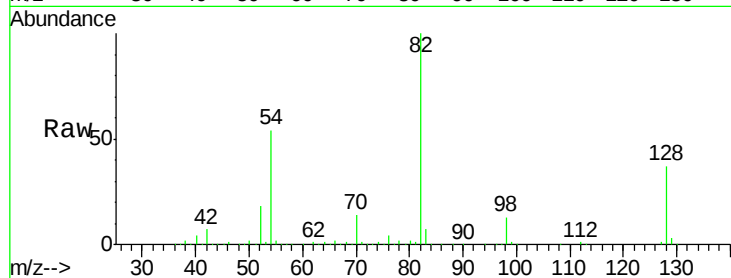




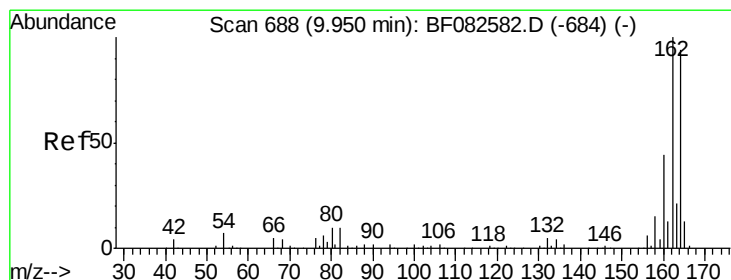
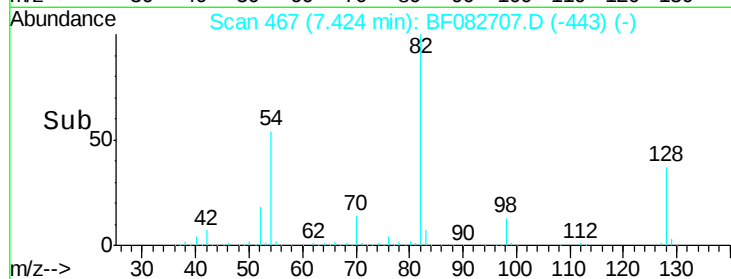
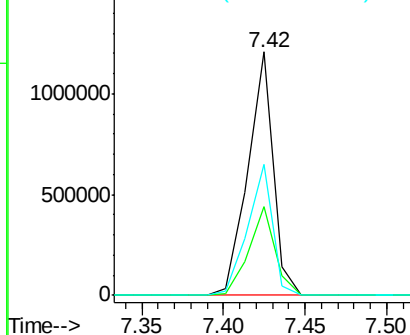
#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(14-16)

Tot Ion: 82 Resp: 1298260
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.8 40.2
 54 53.8 45.7 68.5

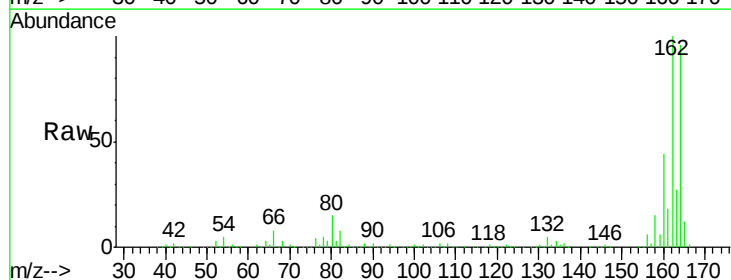


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

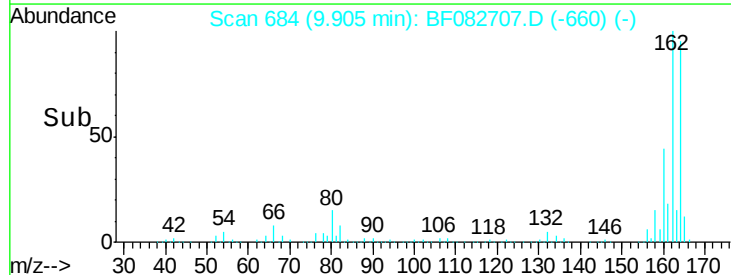
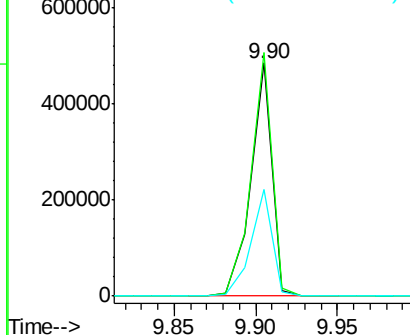


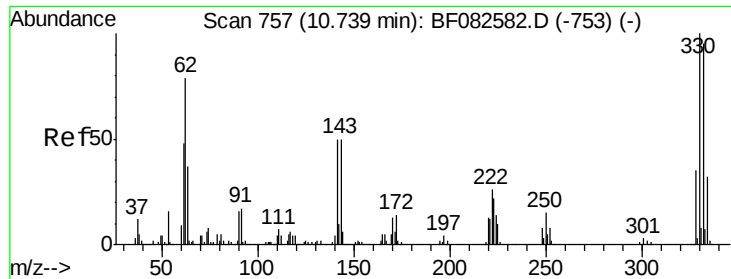
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

Tgt Ion:164 Resp: 433463
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 45.7 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

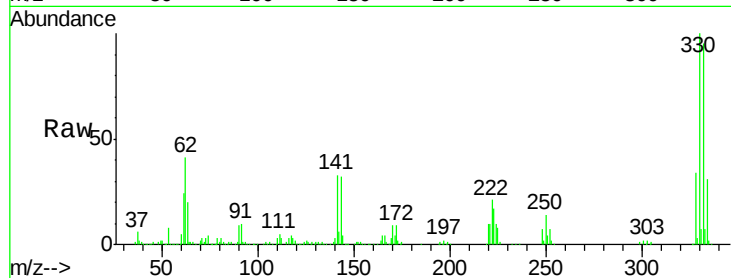




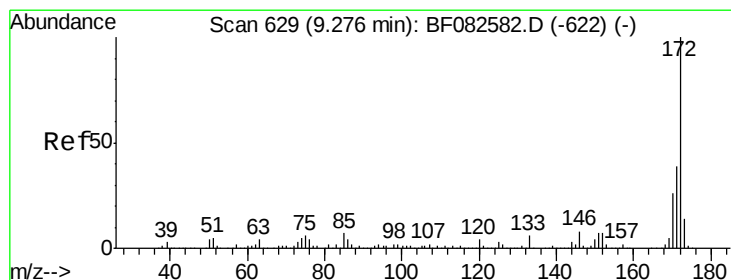
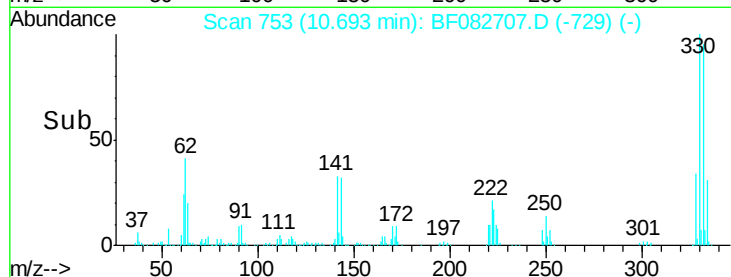
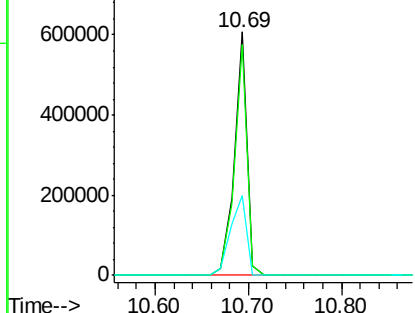
#41
 2,4,6-Tribromophenol
 Concen: 122.48 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(14-16)

Tot Ion:330 Resp: 581042
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 41.3 41.2 61.8

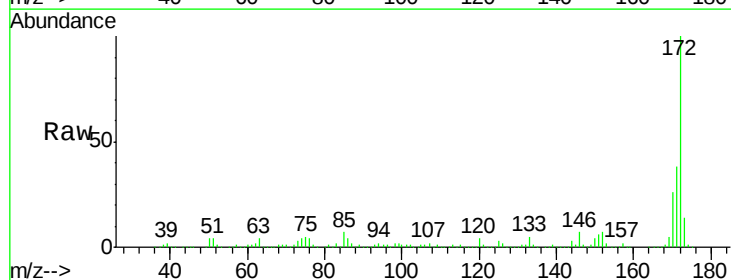


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

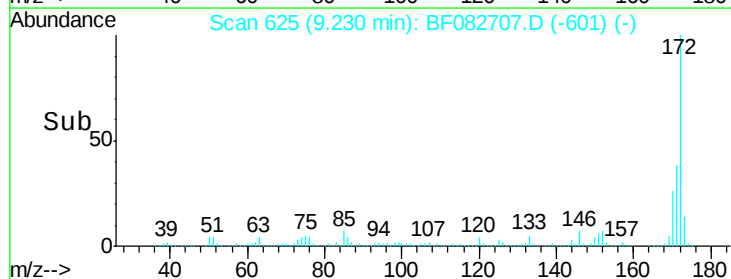
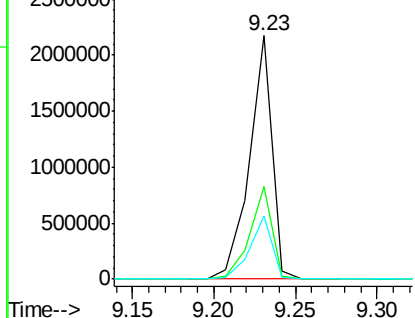


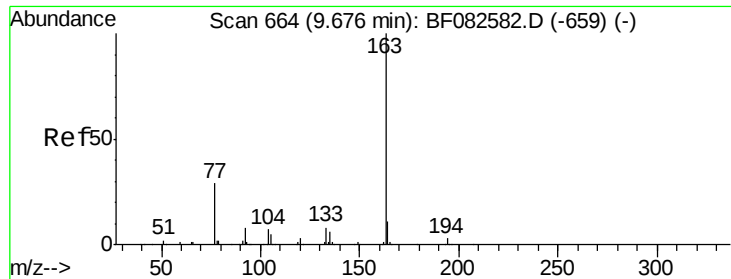
#44
 2-Fluorobiphenyl
 Concen: 68.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

Tgt Ion:172 Resp: 2085460
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.1 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

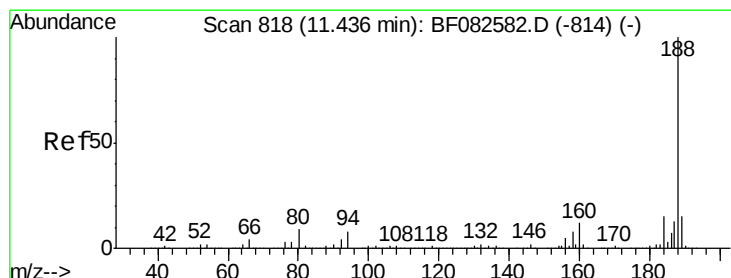
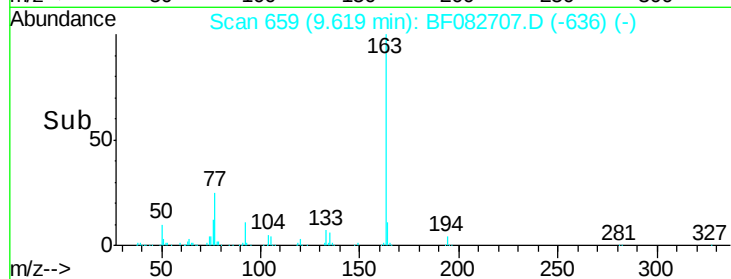
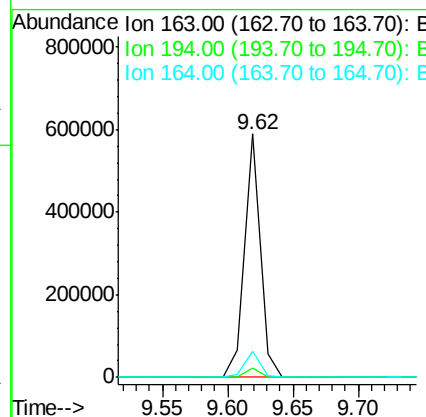
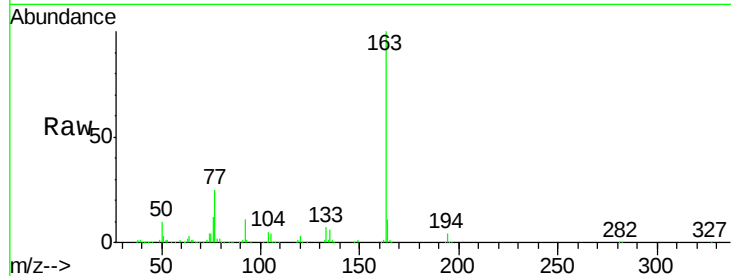




#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

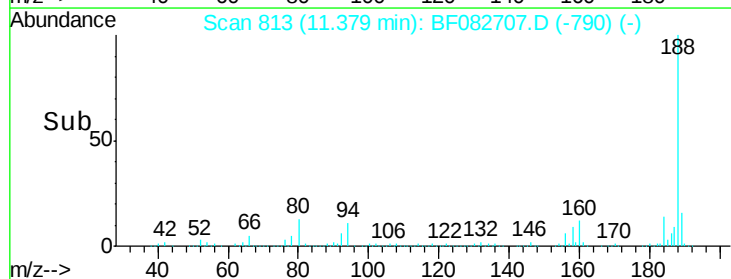
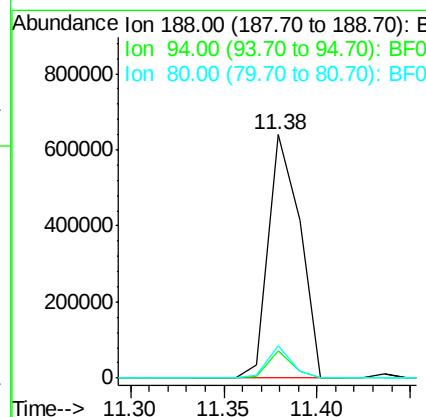
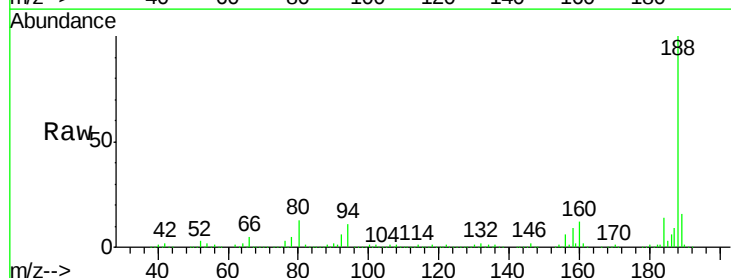
Instrument :
BNA_F
ClientSampleId :
SB-01(14-16)

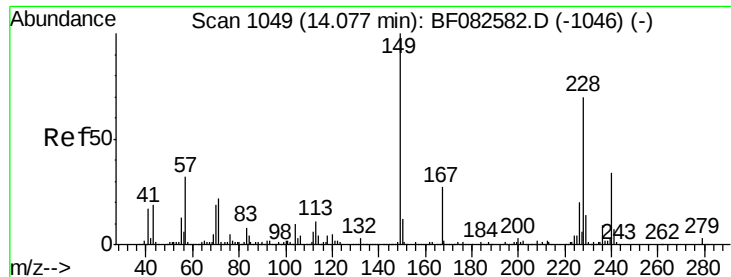
Tot Ion:163 Resp: 492214
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.6 8.7 13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

Tgt Ion:188 Resp: 750474
Ion Ratio Lower Upper
188 100
94 11.0 6.1 9.1#
80 13.1 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: BF082707.D

Acq: 4 Nov 2015 18:14

Instrument :

BNA_F

ClientSampleId :

SB-01(14-16)

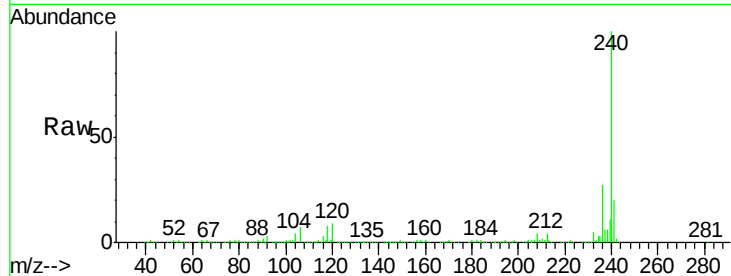
Tot Ion:240 Resp: 727662

Ion Ratio Lower Upper

240 100

120 8.7 10.9 16.3#

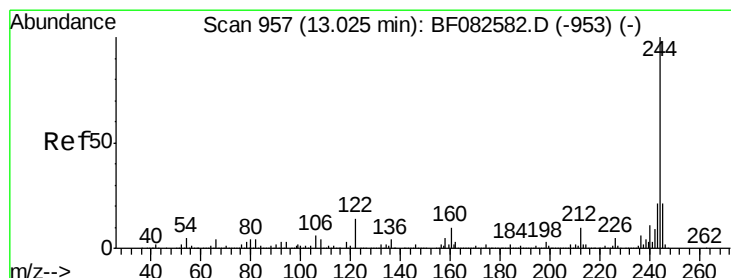
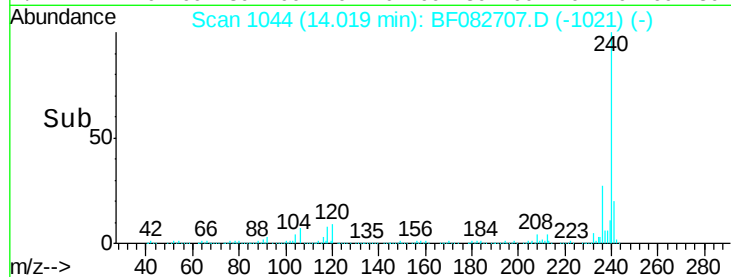
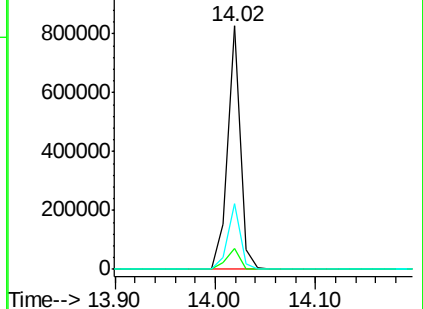
236 27.2 21.6 32.4



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: 68.91 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082707.D

Acq: 4 Nov 2015 18:14

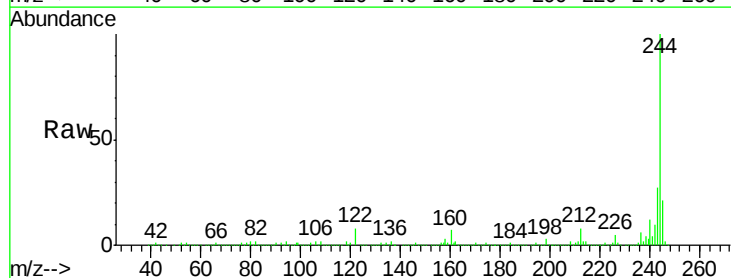
Tgt Ion:244 Resp: 2291298

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

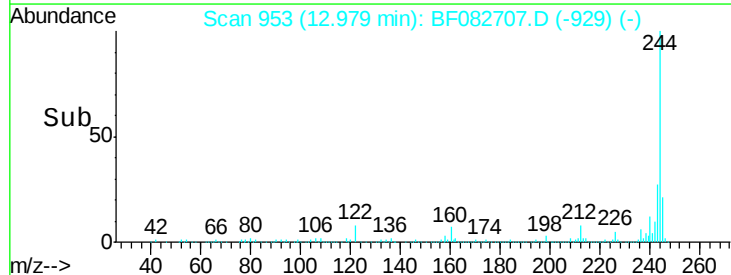
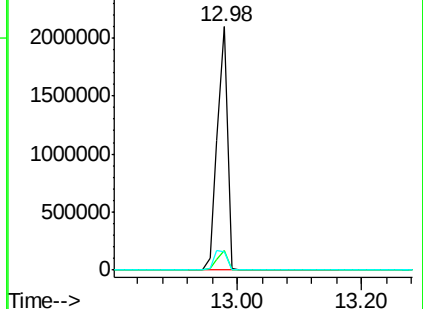
122 7.7 11.3 16.9#

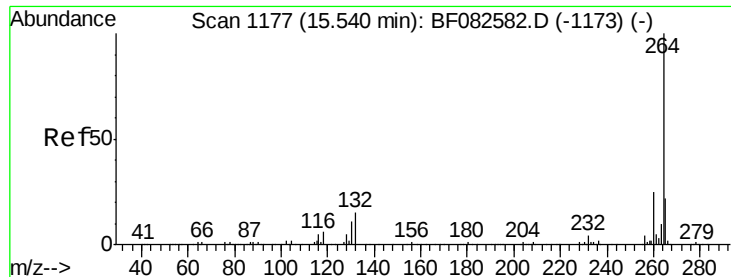


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

Instrument :
BNA_F
ClientSampleId :
SB-01(14-16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.9	17.4	26.0

