

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 04 23:21:04 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

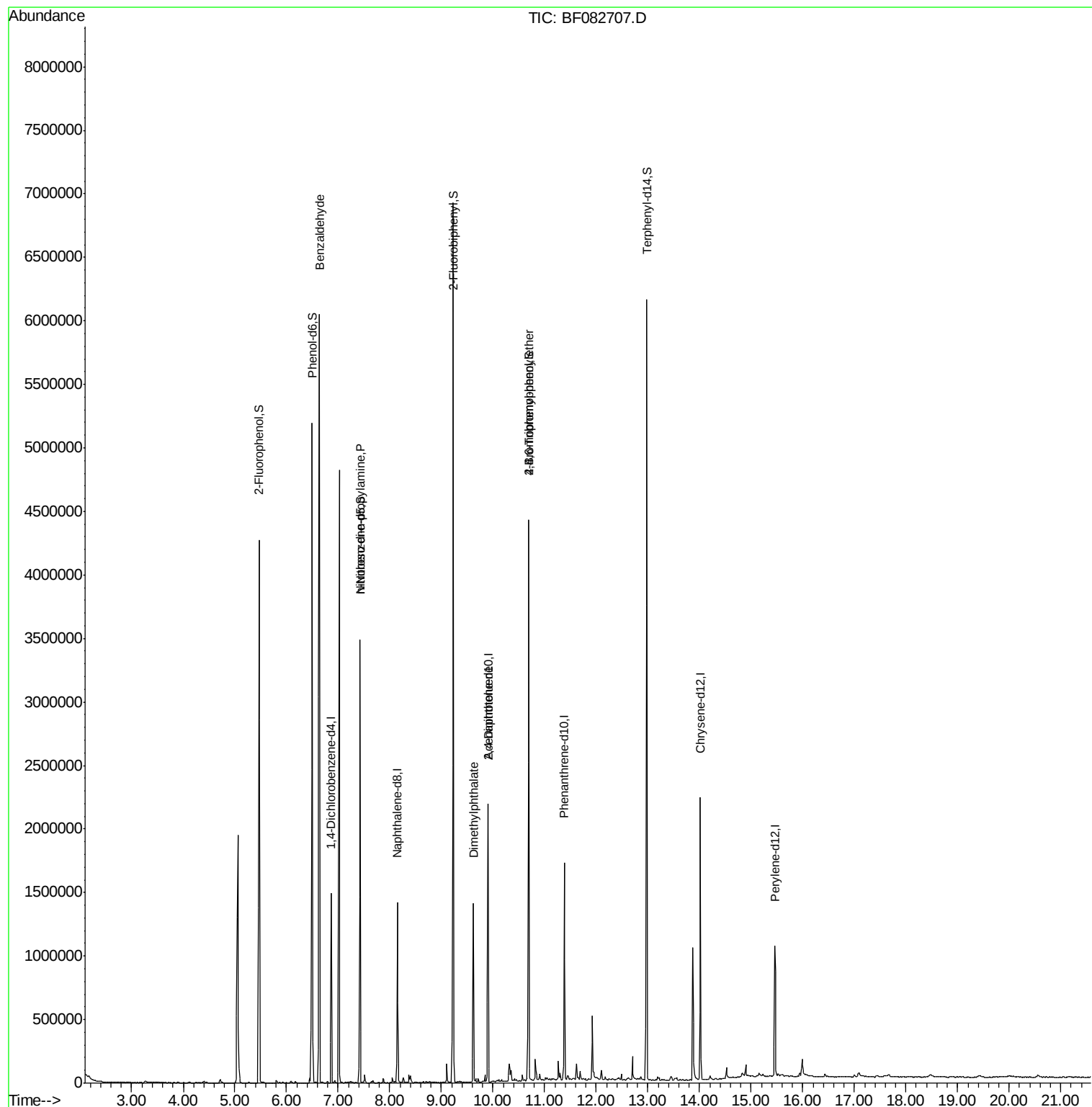
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200440	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	697599	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	433463	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	750474	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	727662	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						
9) Benzaldehyde	6.64	77	49640	4.11	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.42	70	184101	13.74	ng	# 70
49) Dimethylphthalate	9.62	163	492214	13.90	ng	99
56) 2,4-Dinitrotoluene	9.90	165	55439	5.59	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	43908	5.16	ng	# 1

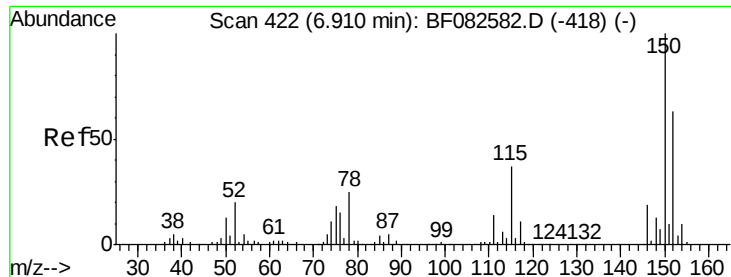
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04 23:21:04 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





#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)

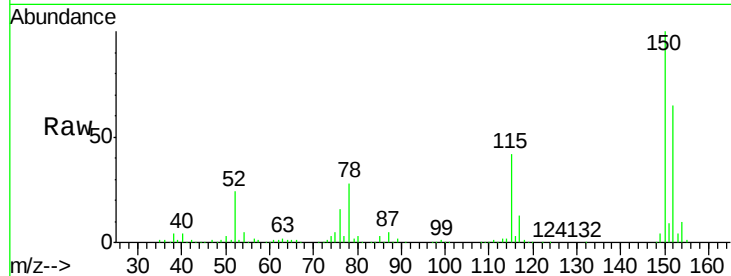
Tgt Ion:152 Resp: 200440

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.4

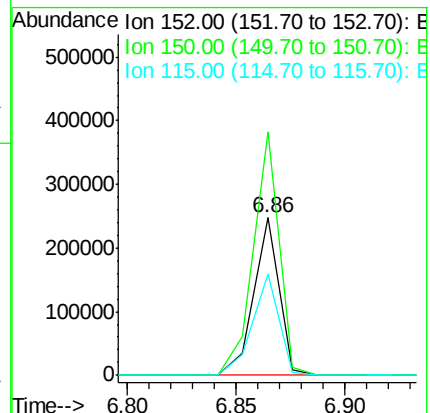
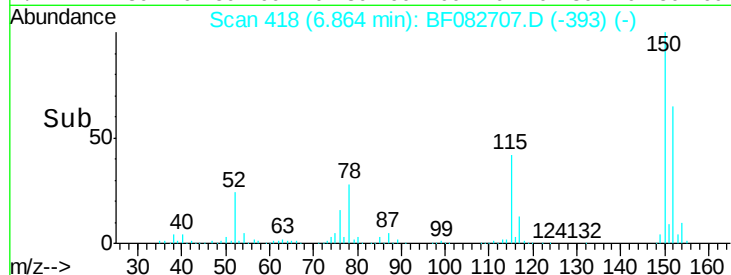
115 64.2 47.0 70.6



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

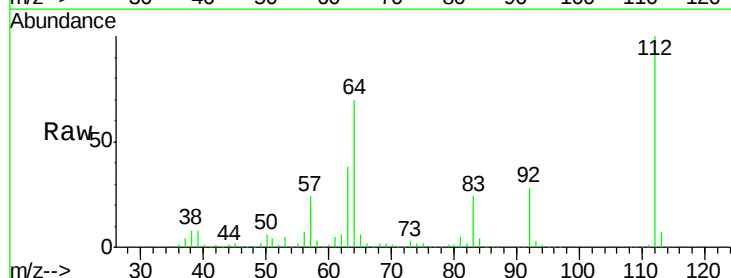
Tgt Ion:112 Resp: 1601423

Ion Ratio Lower Upper

112 100

64 69.7 48.9 73.3

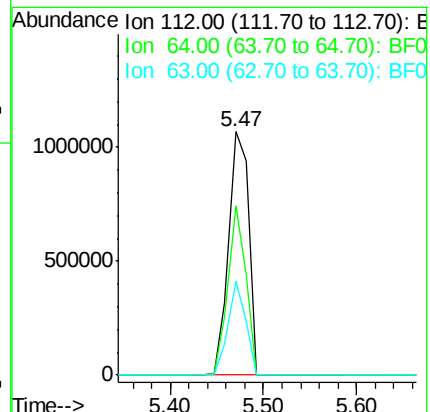
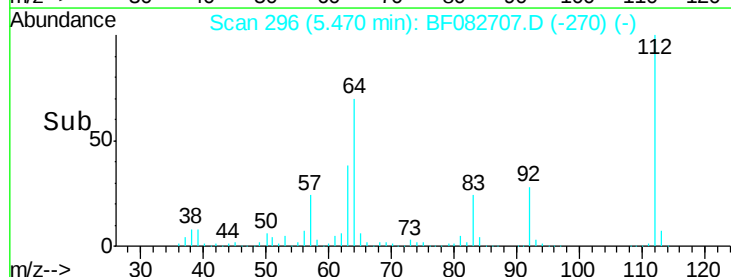
63 38.3 28.1 42.1

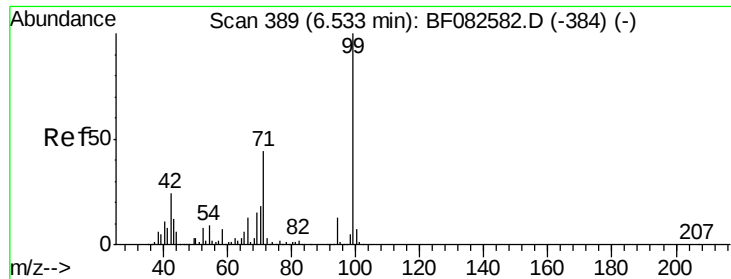


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

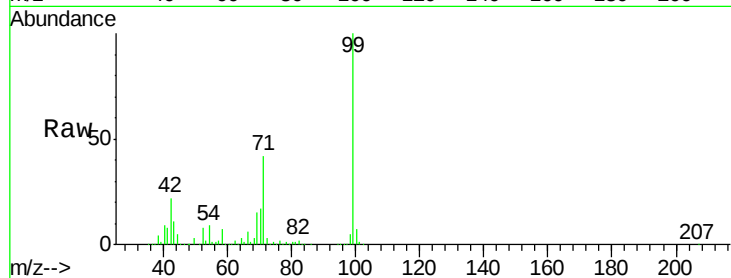
BNA_F

ClientSampleId :

SB-01(14-16)

Tgt Ion: 99 Resp: 1879827

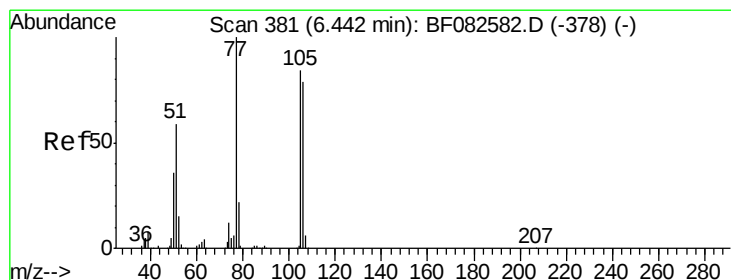
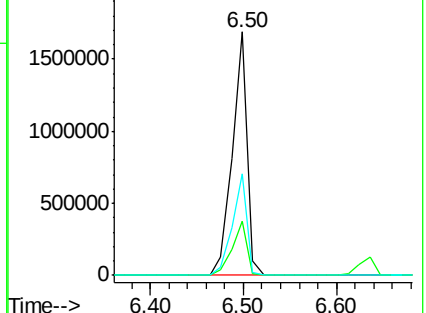
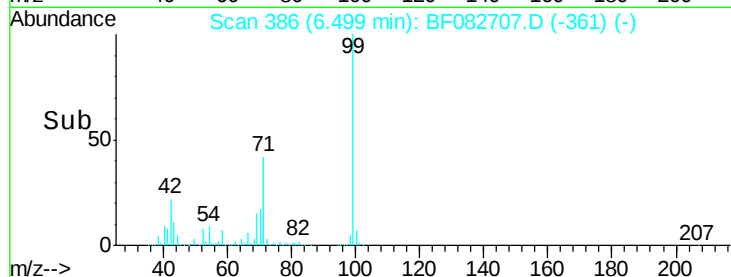
Ion	Ratio	Lower	Upper
99	100		
42	22.0	19.2	28.8
71	41.8	35.0	52.4



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



#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.64 min Scan# 398

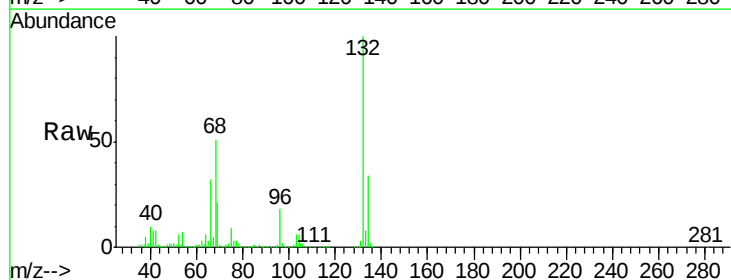
Delta R.T. 0.22 min

Lab File: BF082707.D

Acq: 4 Nov 2015 18:14

Tgt Ion: 77 Resp: 49640

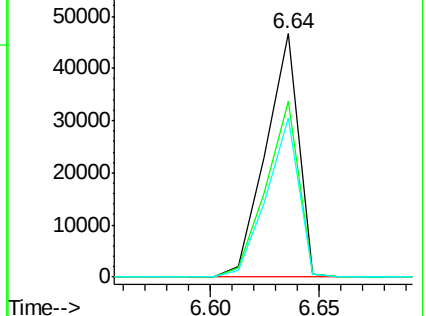
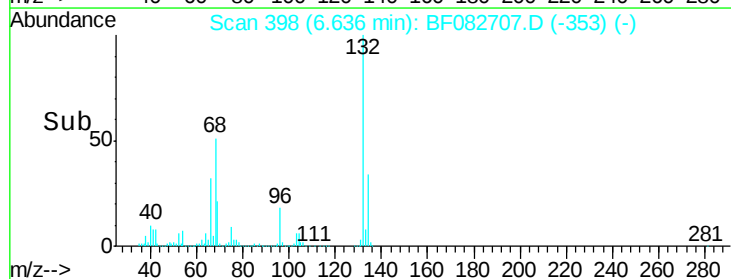
Ion	Ratio	Lower	Upper
77	100		
105	72.4	63.5	103.5
106	65.1	59.3	99.3

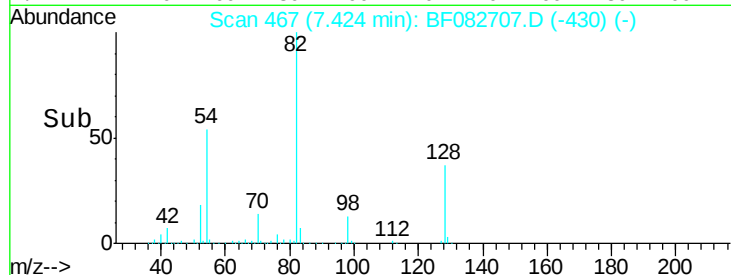
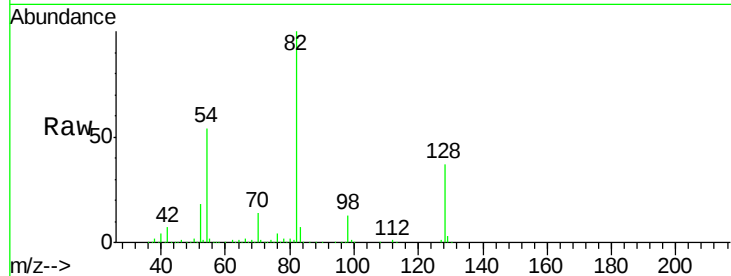
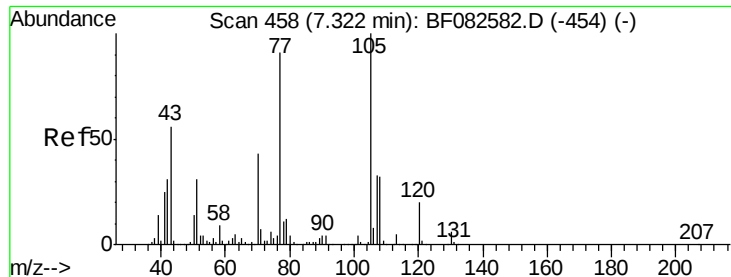


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

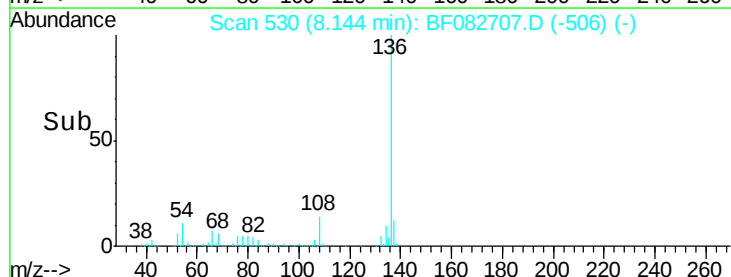
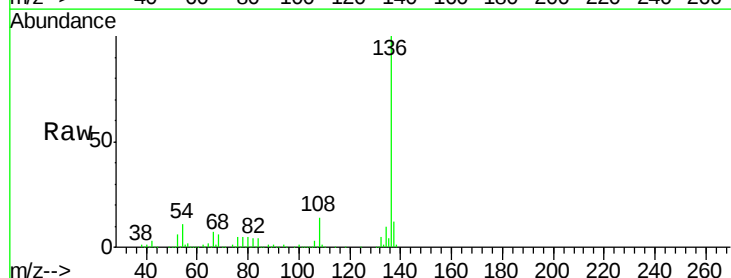
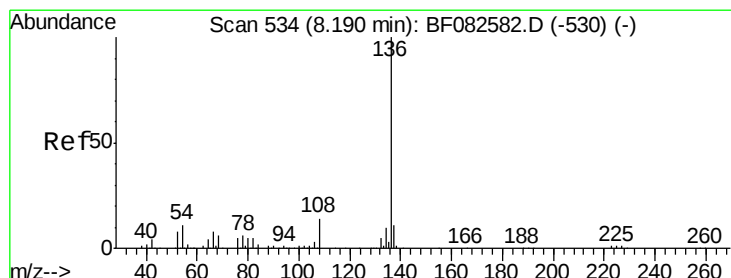
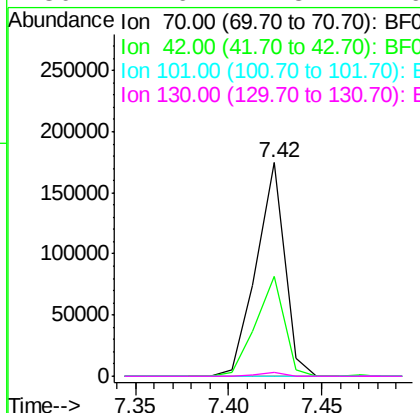




#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

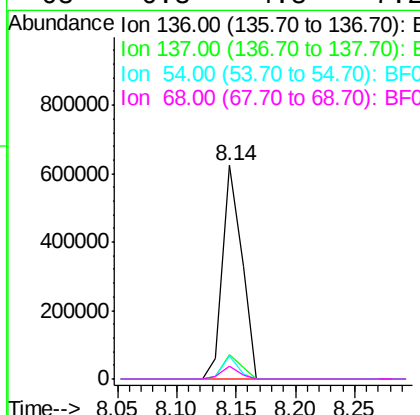
Instrument :
BNA_F
ClientSampleId :
SB-01(14-16)

Tgt Ion: 70 Resp: 184101
Ion Ratio Lower Upper
70 100
42 46.7 57.7 86.5#
101 0.0 7.0 10.6#
130 1.6 11.8 17.6#



#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

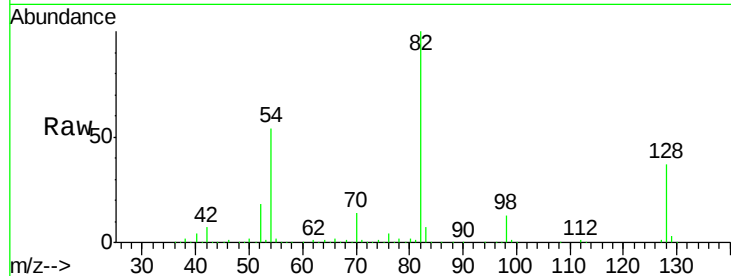




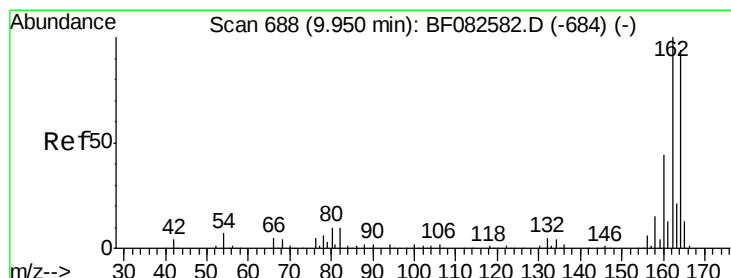
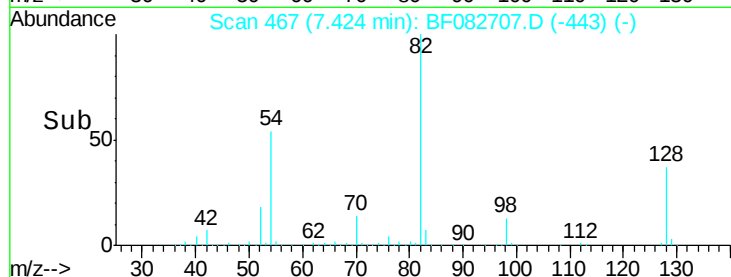
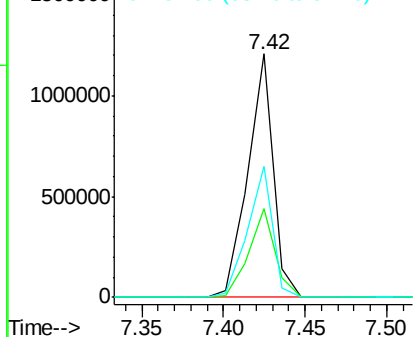
#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

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

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

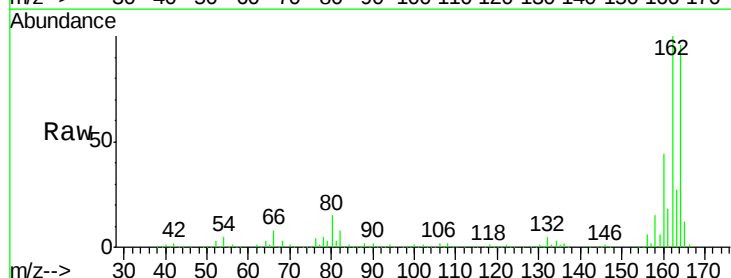


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

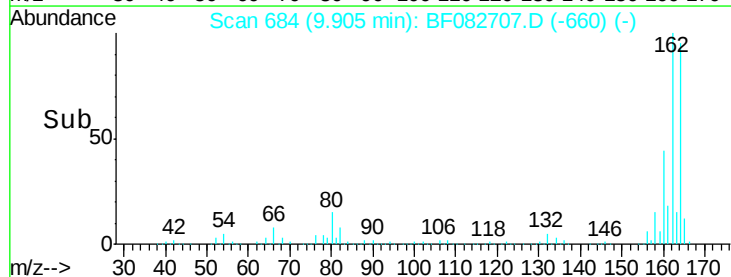
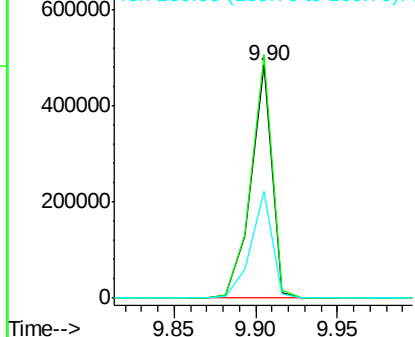


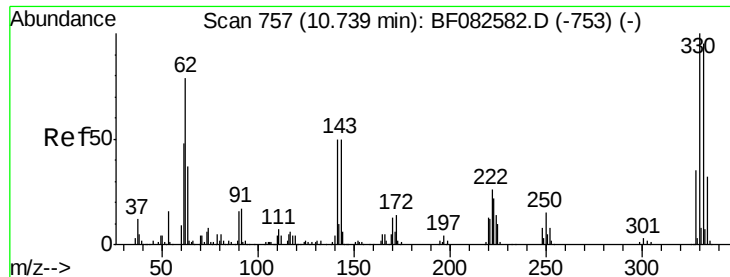
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

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

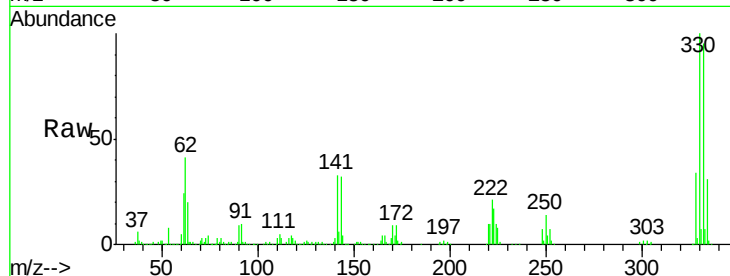




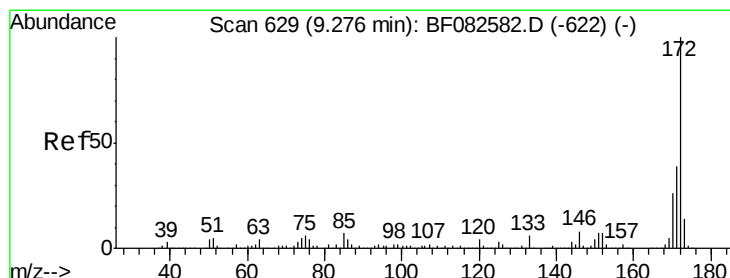
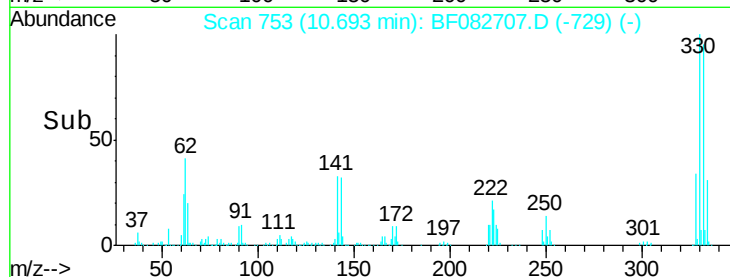
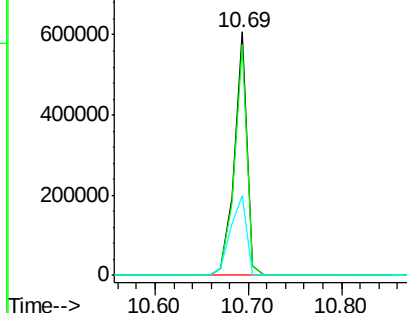
#41
 2,4,6-Tribromophenol
 Concen: 122.48 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

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

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

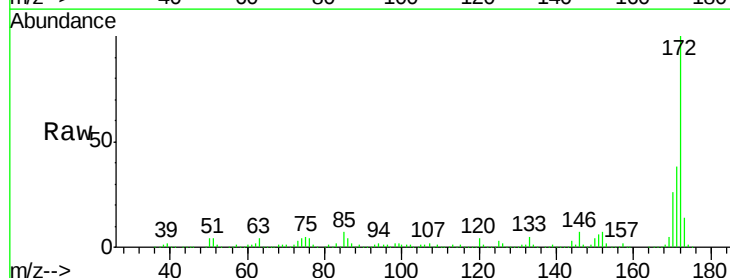


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

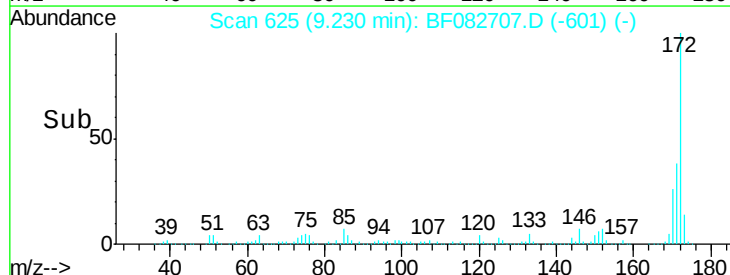
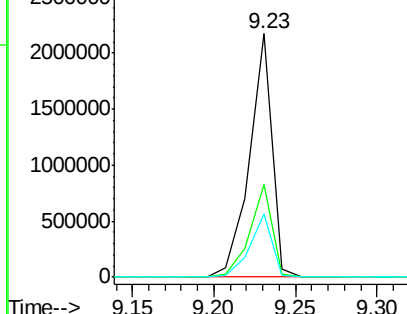


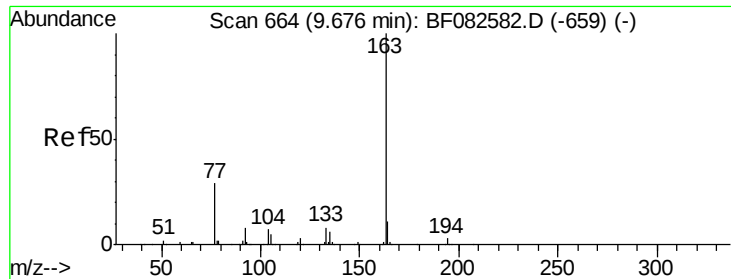
#44
 2-Fluorobiphenyl
 Concen: 68.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

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

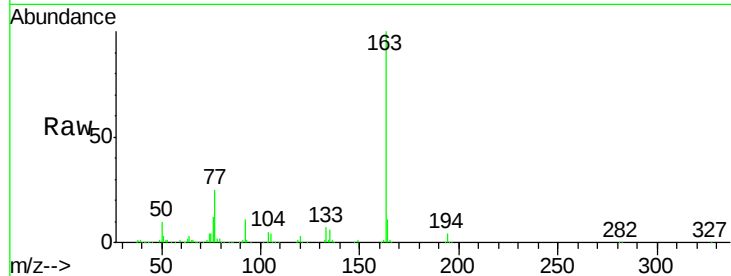




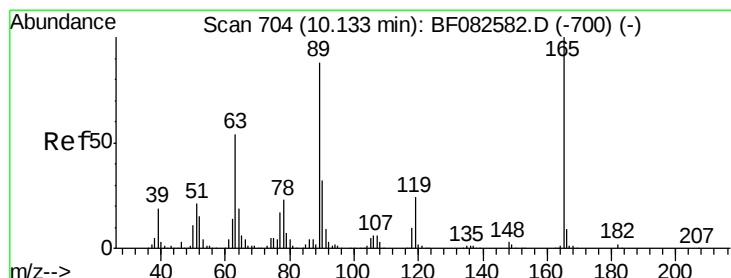
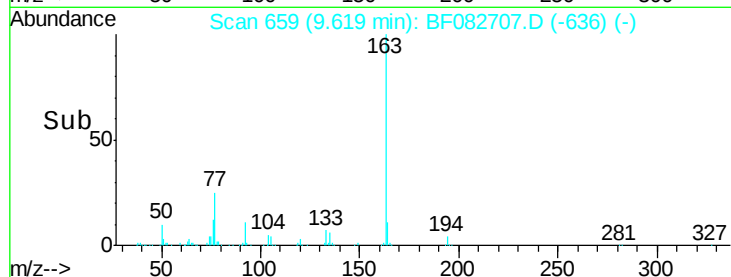
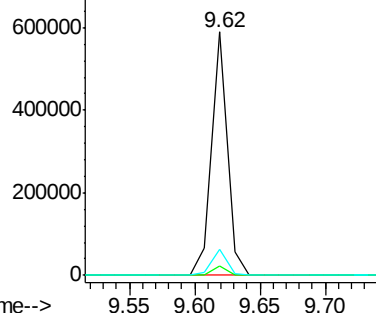
#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.6	8.7	13.1

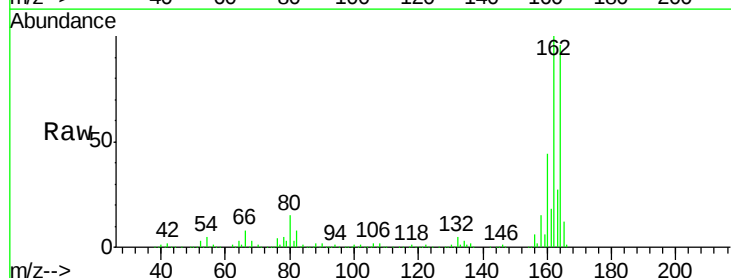


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

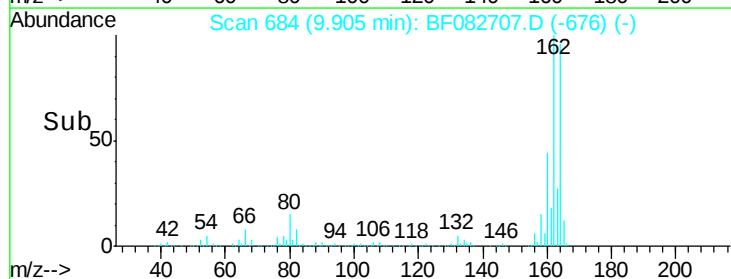
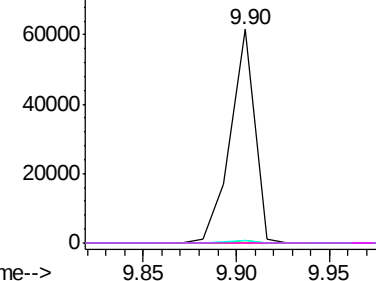


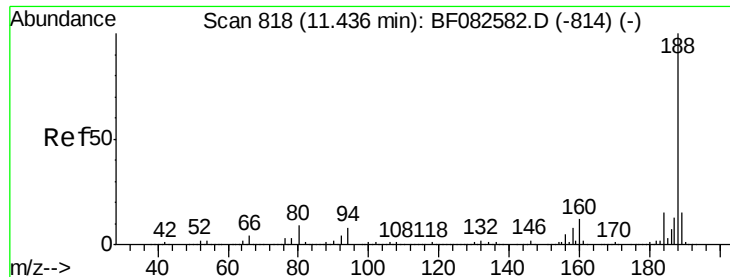
#56
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082707.D
Acq: 4 Nov 2015 18:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

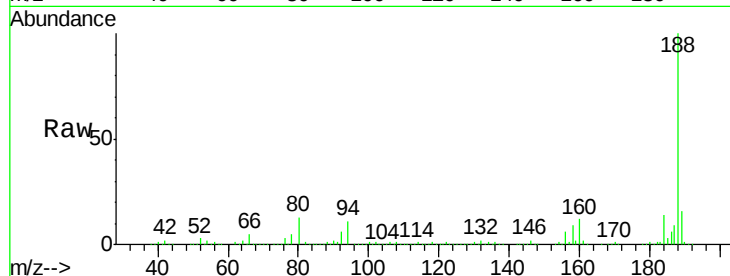




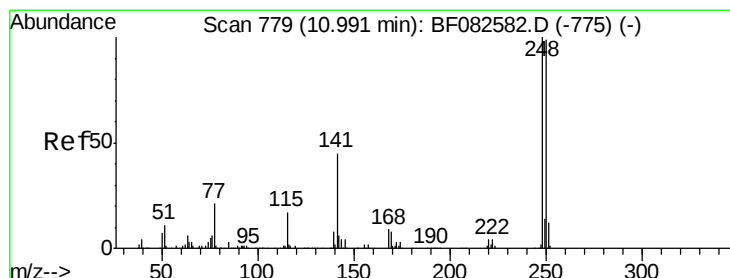
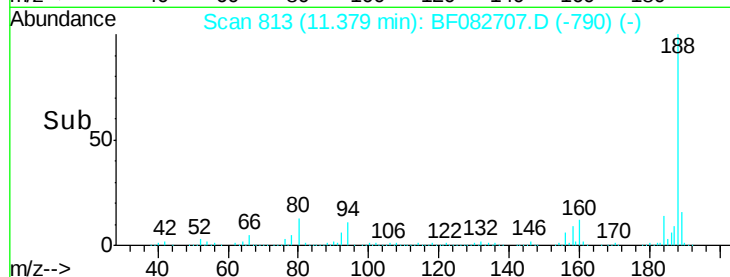
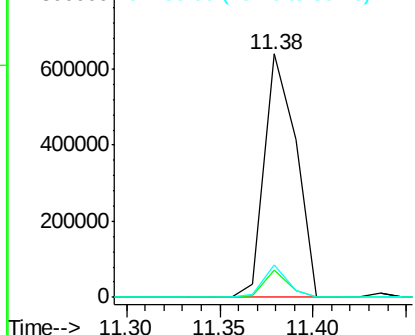
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

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

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#

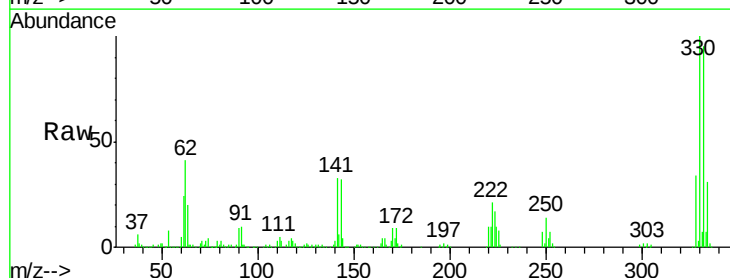


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

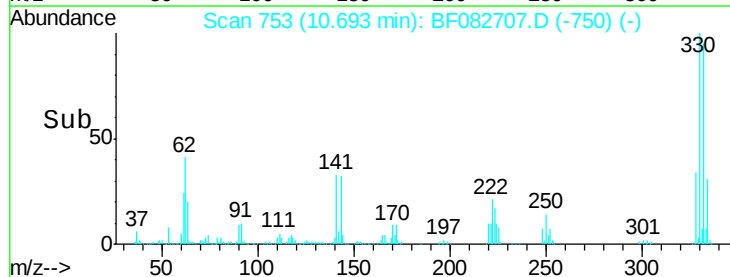
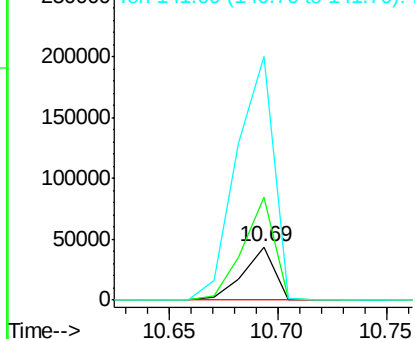


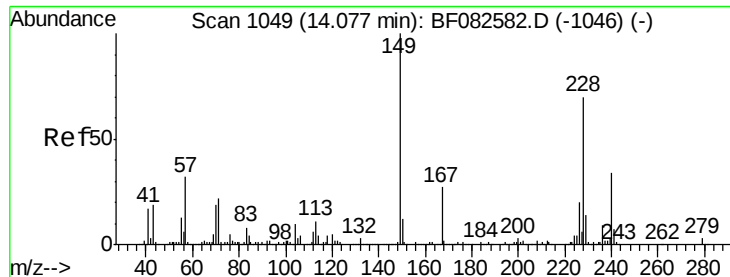
#66
 4-Bromophenyl-phenylether
 Concen: 5.16 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082707.D
 Acq: 4 Nov 2015 18:14

Tgt Ion:248 Resp: 43908
 Ion Ratio Lower Upper
 248 100
 250 194.9 79.4 119.2#
 141 459.8 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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)

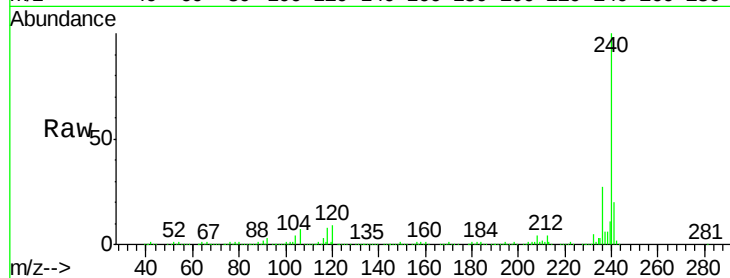
Tgt Ion:240 Resp: 727662

Ion Ratio Lower Upper

240 100

120 8.7 10.9 16.3#

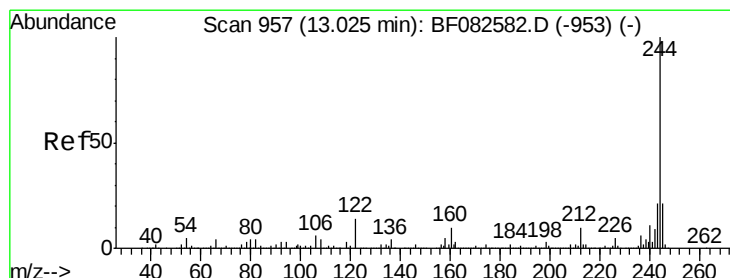
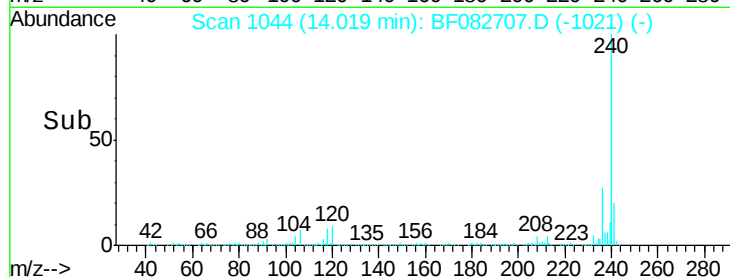
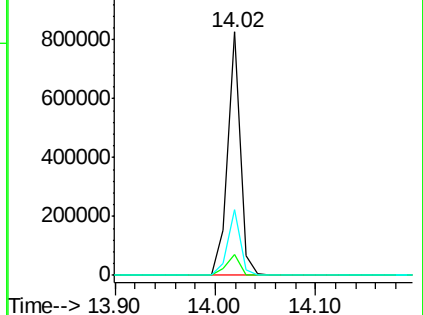
236 27.2 21.6 32.4



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

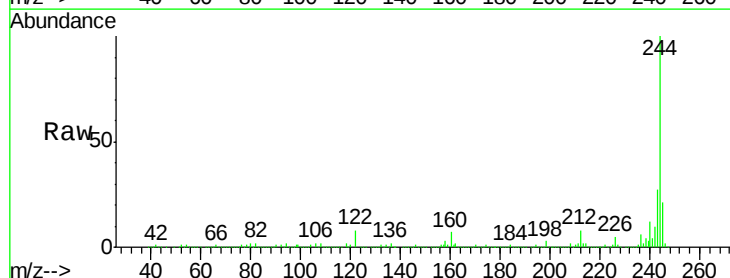
Tgt Ion:244 Resp: 2291298

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

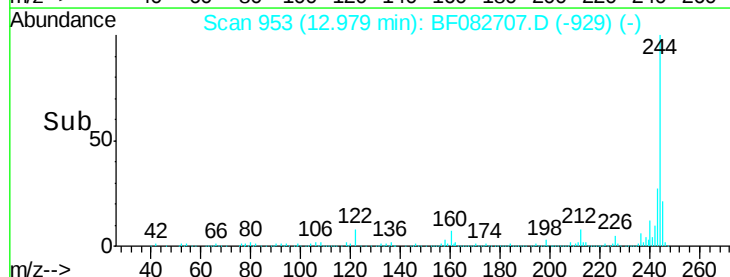
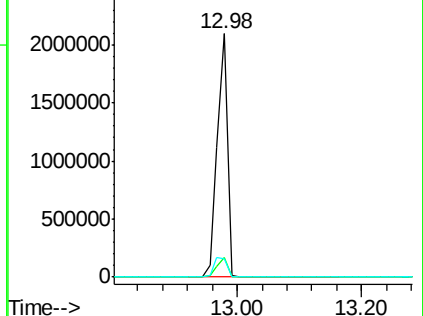
122 7.7 11.3 16.9#

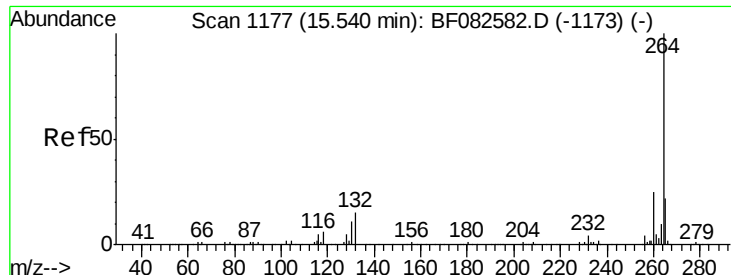


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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)

Tgt Ion:	264	Resp:	574649
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.9	17.4	26.0

