

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081259.D
 Acq On : 28 Aug 2015 3:12
 Operator : UM/IZ
 Sample : G3430-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB6(3-4)

Quant Time: Aug 28 04:46:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 03:32:45 2015
 Response via : Initial Calibration

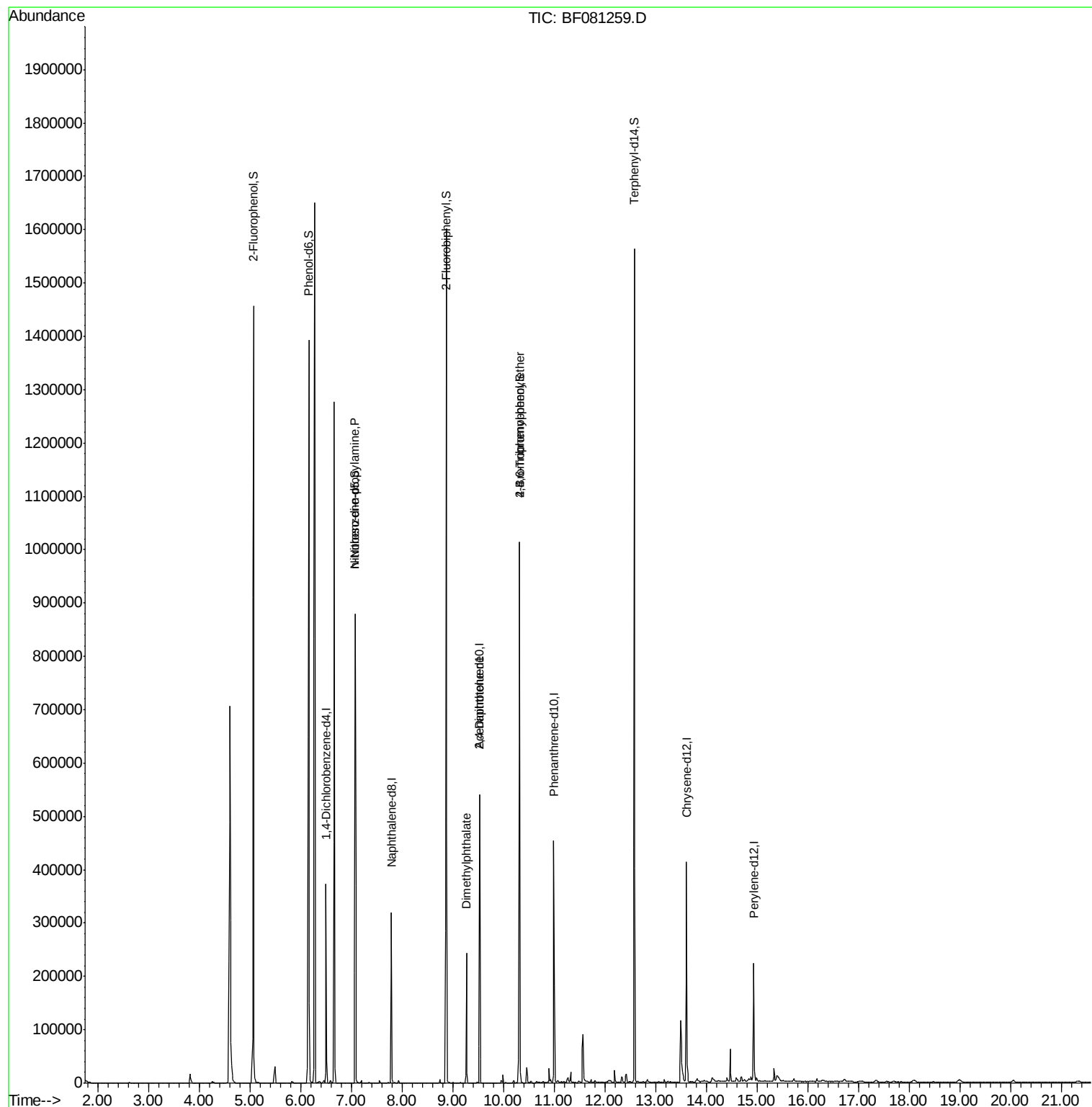
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46354	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	182568	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	93980	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	177867	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	154715	20.00	ng	0.00
86) Perylene-d12	14.94	264	104279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	430517	139.69	ng	0.02
7) Phenol-d6	6.16	99	510217	126.89	ng	0.00
23) Nitrobenzene-d5	7.07	82	337473	84.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	117605	144.36	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	538909	75.13	ng	-0.01
78) Terphenyl-d14	12.58	244	523684	72.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	44798	16.08	ng	# 71
49) Dimethylphthalate	9.27	163	81468	10.53	ng	99
56) 2,4-Dinitrotoluene	9.53	165	11951	5.43	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	9118	5.22	ng	# 1

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

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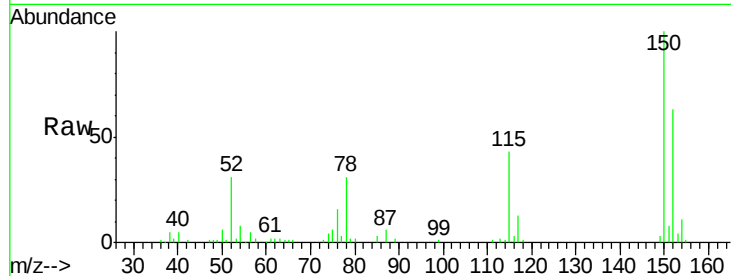




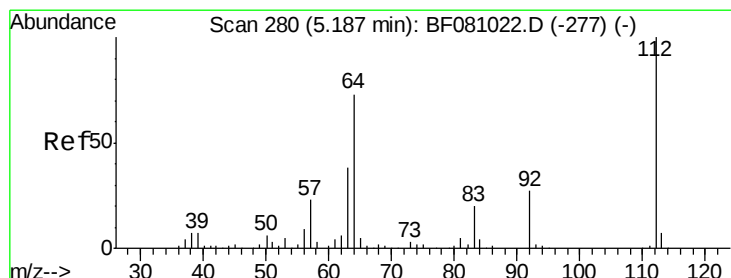
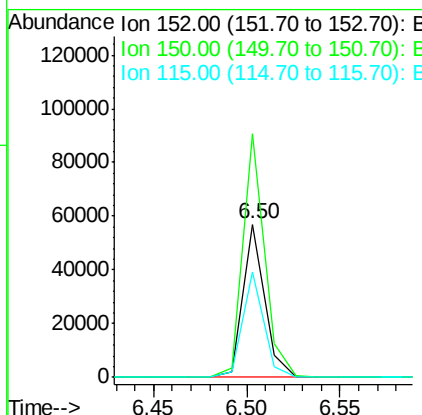
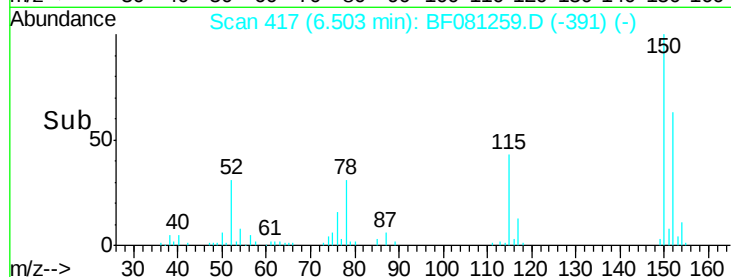
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB6(3-4)

Tgt Ion:152 Resp: 46354
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.8 185.6
 115 69.1 52.1 78.1

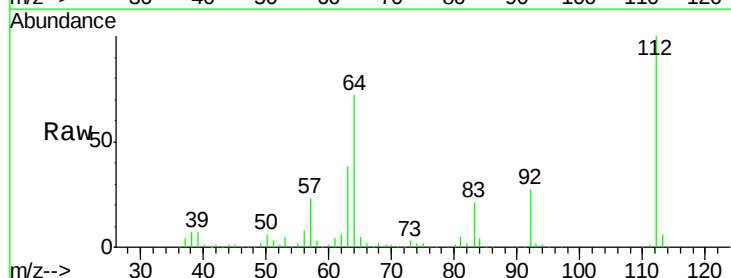


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

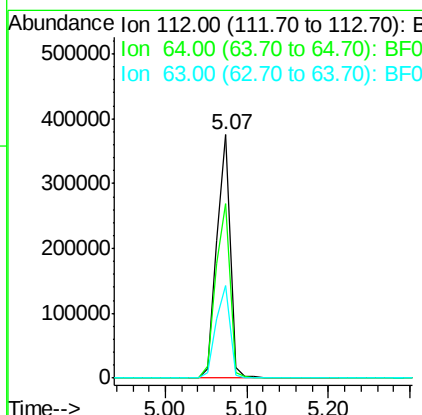
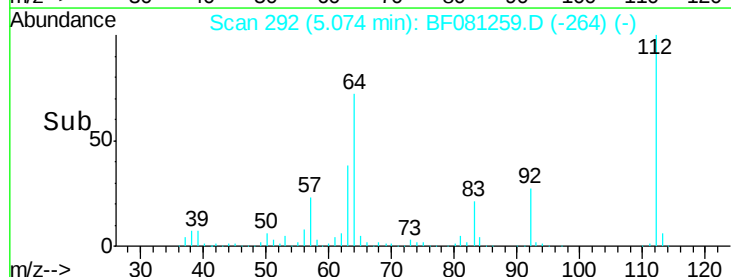


#5
 2-Fluorophenol
 Concen: 139.69 ng
 RT: 5.07 min Scan# 292
 Delta R.T. 0.02 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Tgt Ion:112 Resp: 430517
 Ion Ratio Lower Upper
 112 100
 64 71.6 66.9 100.3
 63 38.2 38.1 57.1



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: 126.89 ng

RT: 6.16 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

SB6(3-4)

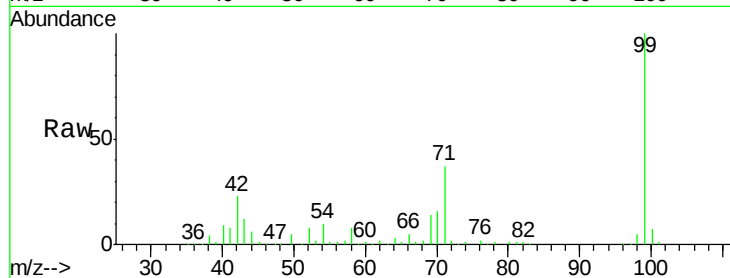
Tgt Ion: 99 Resp: 510217

Ion Ratio Lower Upper

99 100

42 23.0 19.6 29.4

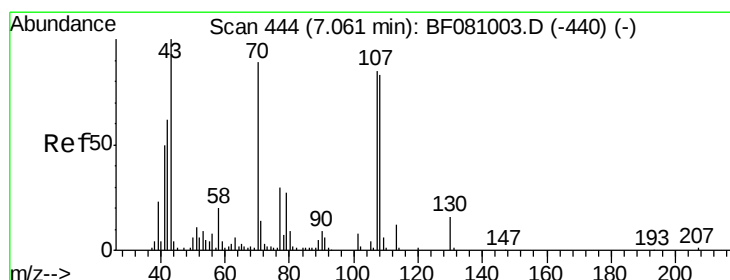
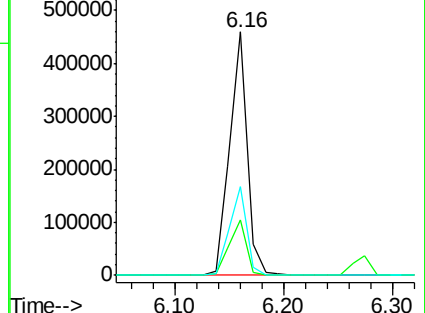
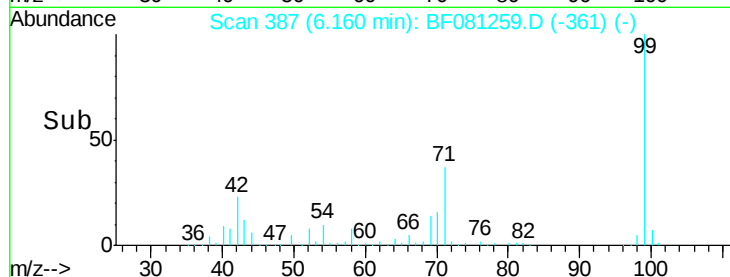
71 36.6 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.08 ng

RT: 7.07 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

Tgt Ion: 70 Resp: 44798

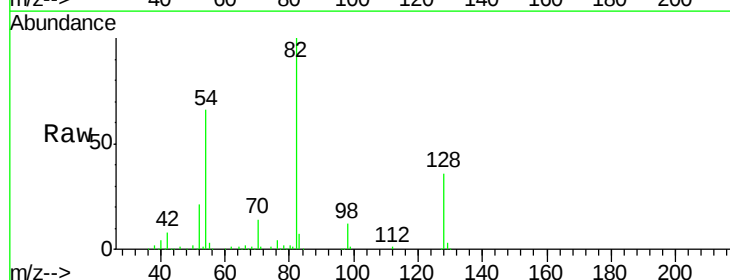
Ion Ratio Lower Upper

70 100

42 55.3 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#

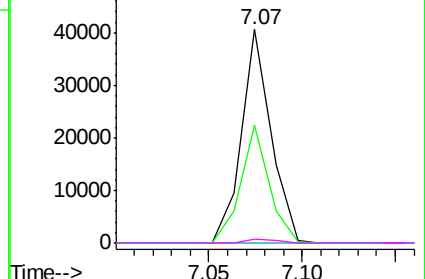
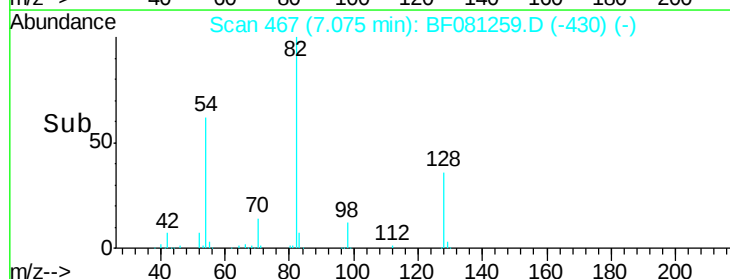


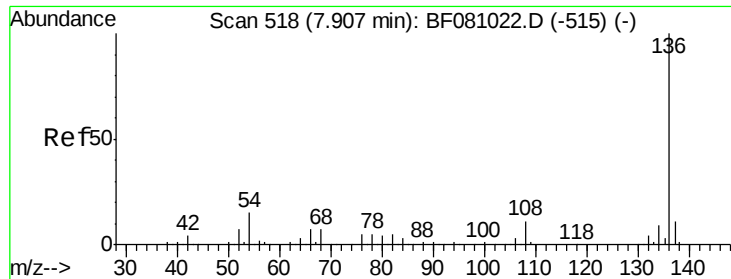
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

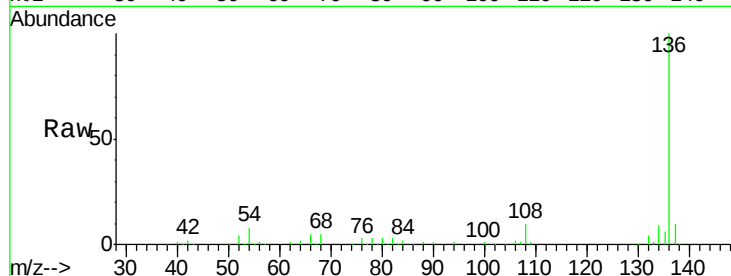




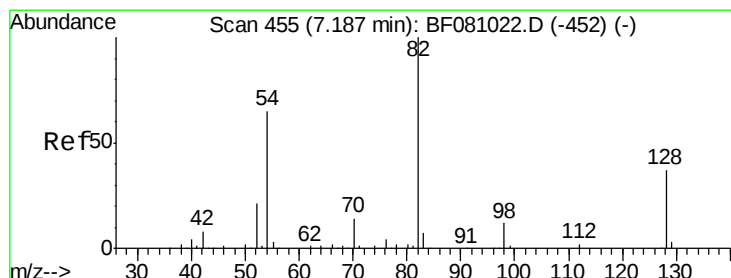
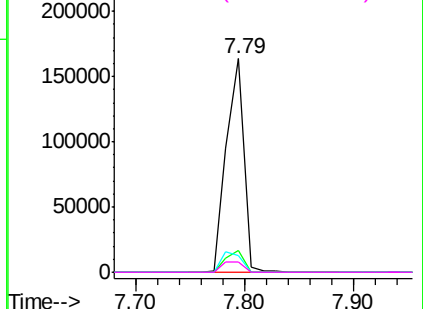
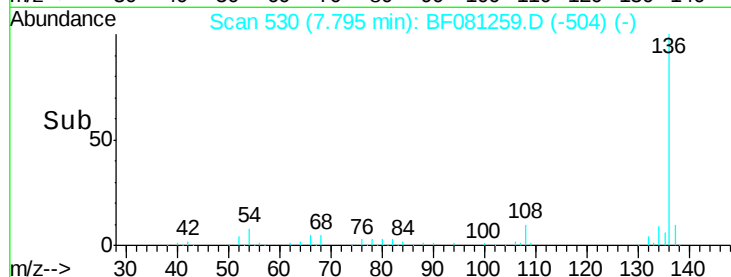
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081259.D
Acq: 28 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :
SB6(3-4)

Tgt Ion:	136	Resp:	182568
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.9	7.7	11.5
68	4.5	3.4	5.2

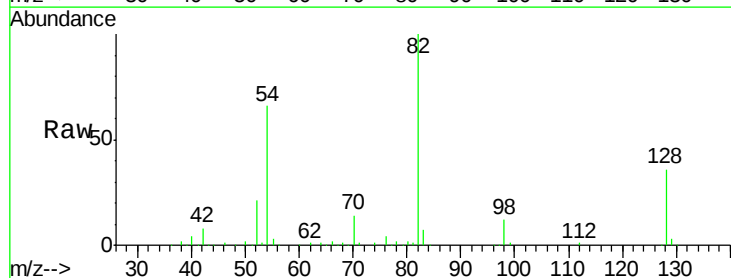


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

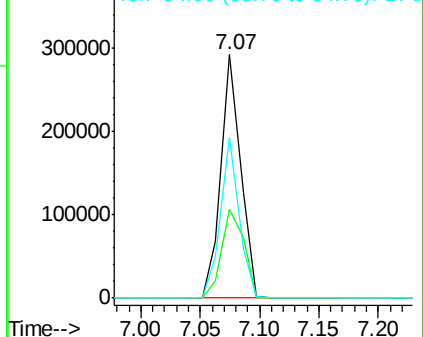
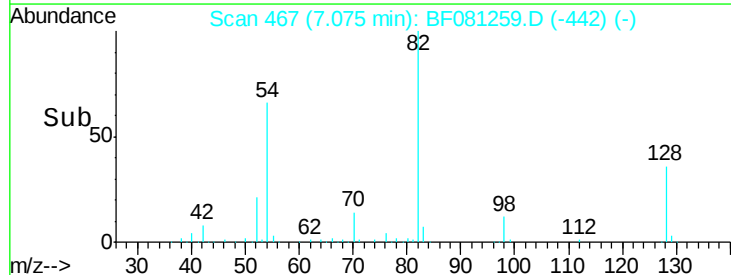


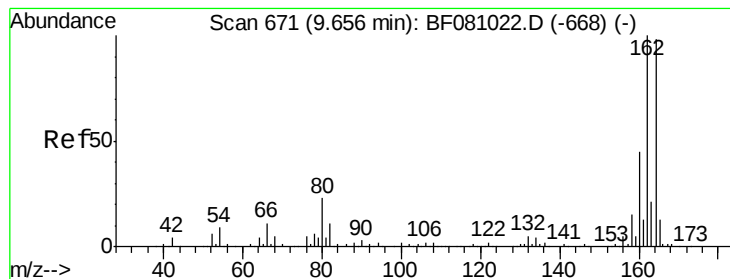
#23
Nitrobenzene-d5
Concen: 84.44 ng
RT: 7.07 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF081259.D
Acq: 28 Aug 2015 3:12

Tgt Ion:	82	Resp:	337473
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.6	42.8
54	65.7	55.1	82.7



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: 9.53 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

SB6(3-4)

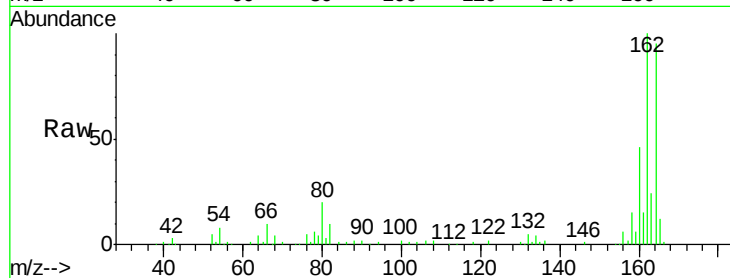
Tgt Ion:164 Resp: 93980

Ion Ratio Lower Upper

164 100

162 104.9 83.8 125.8

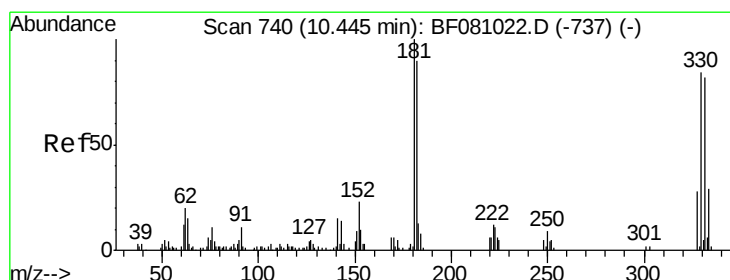
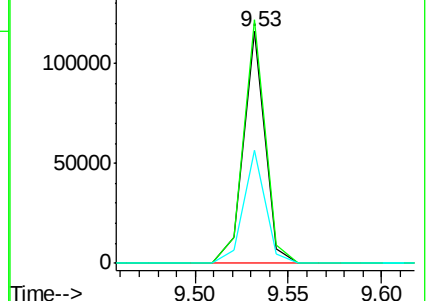
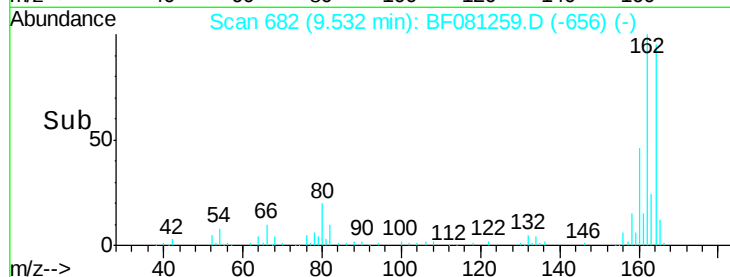
160 48.6 39.8 59.8



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: 144.36 ng

RT: 10.32 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

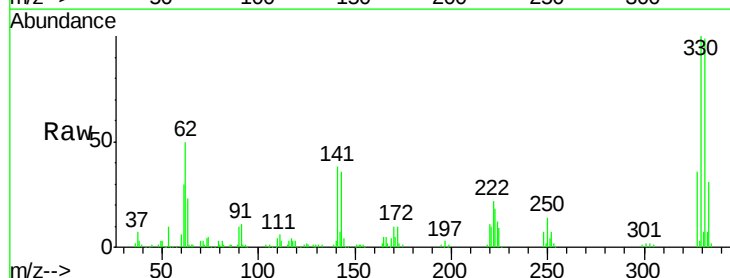
Tgt Ion:330 Resp: 117605

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

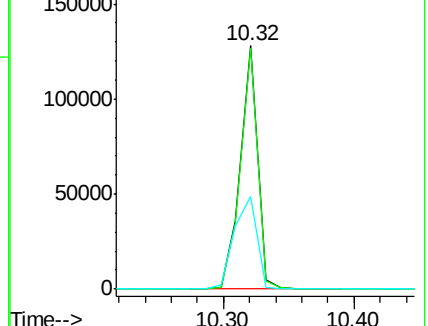
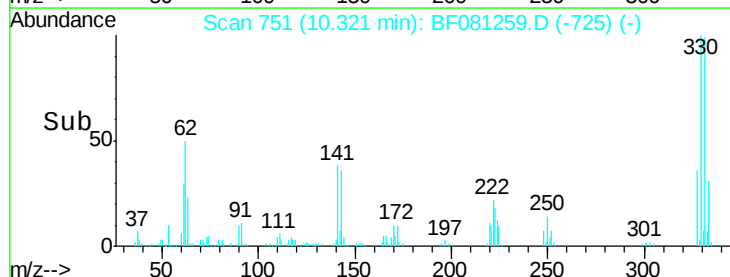
141 49.8 44.9 67.3

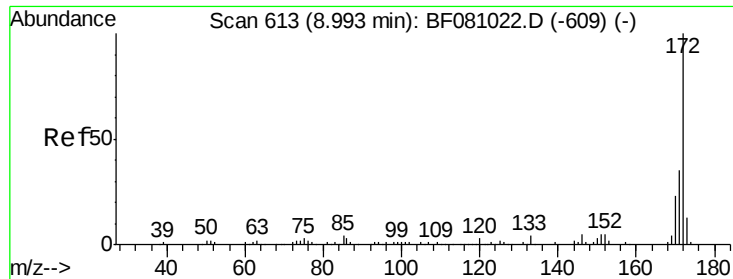


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

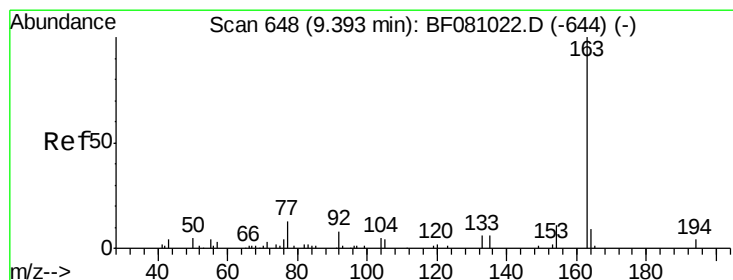
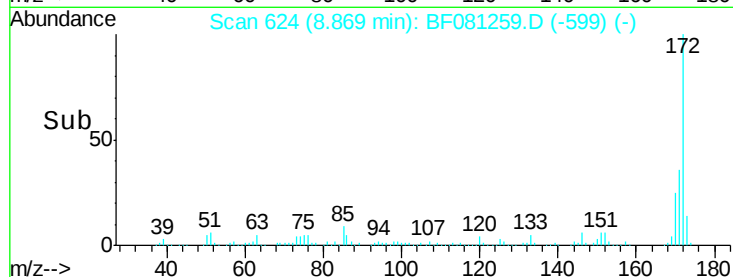
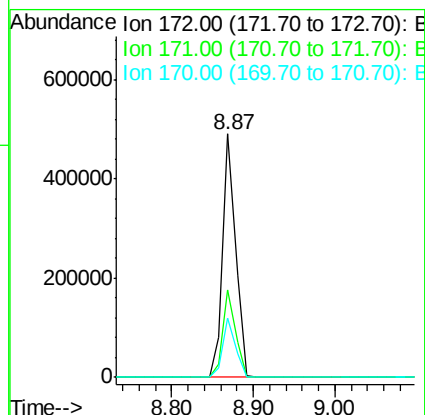
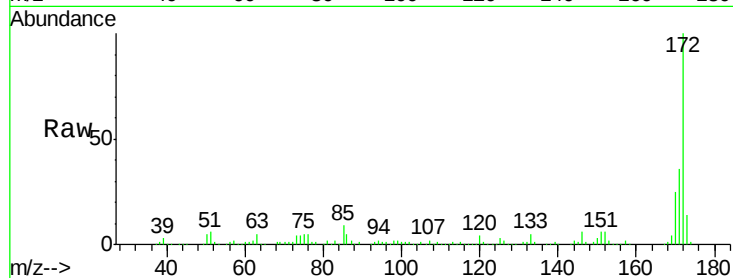




#44
2-Fluorobiphenyl
Concen: 75.13 ng
RT: 8.87 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF081259.D
Acq: 28 Aug 2015 3:12

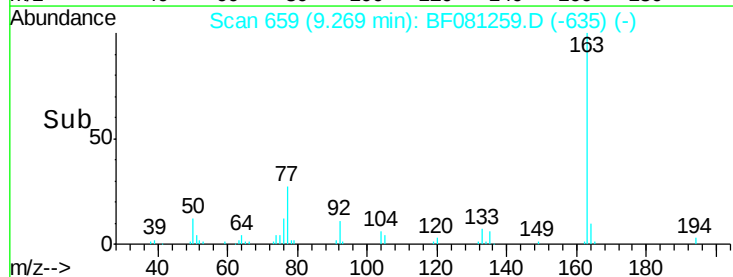
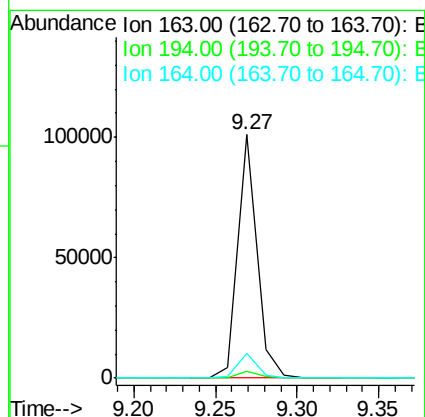
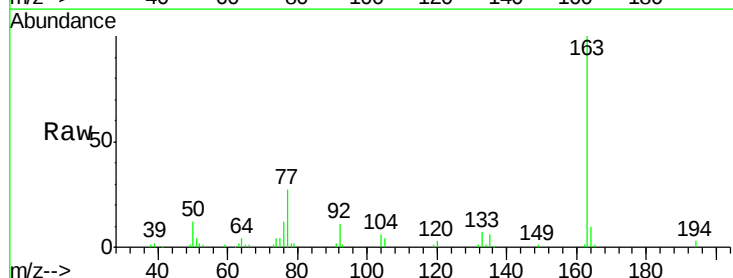
Instrument :
BNA_F
ClientSampleId :
SB6(3-4)

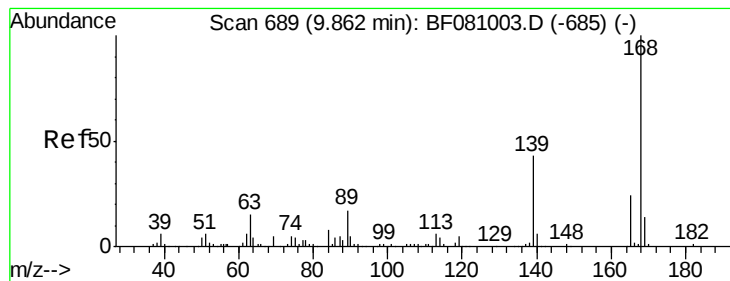
Tgt Ion:172 Resp: 538909
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.5 19.4 29.2



#49
Dimethylphthalate
Concen: 10.53 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081259.D
Acq: 28 Aug 2015 3:12

Tgt Ion:163 Resp: 81468
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.3 8.1 12.1





#56

2,4-Dinitrotoluene

Concen: 5.43 ng

RT: 9.53 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

SB6(3-4)

Tgt Ion:165 Resp: 11951

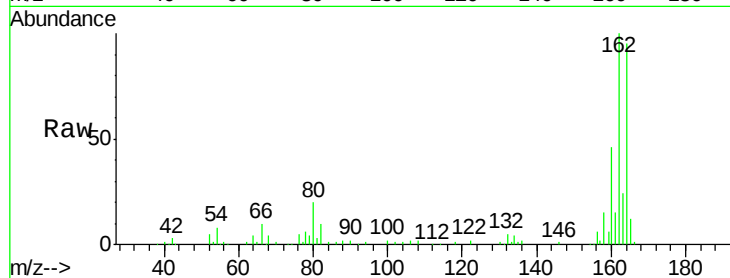
Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.4#

89 0.0 60.1 90.1#

182 0.0 1.8 2.6#

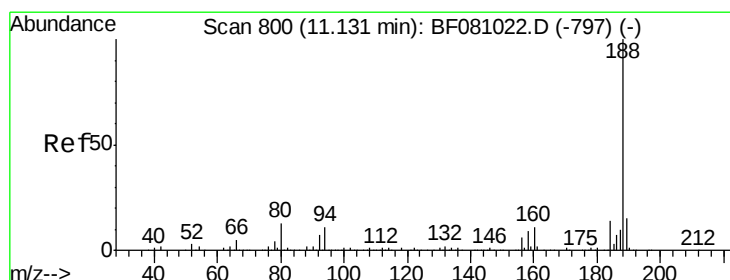
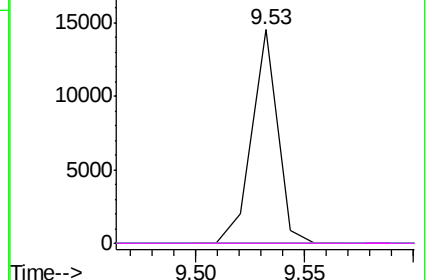
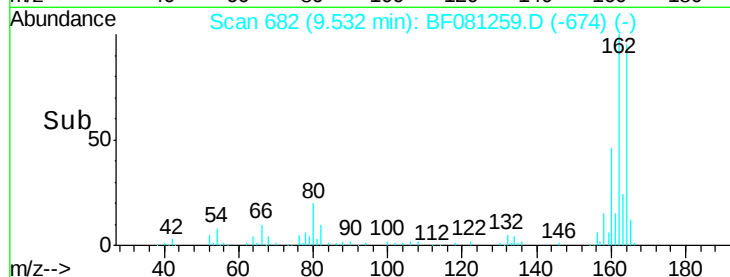


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.99 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081259.D

Acq: 28 Aug 2015 3:12

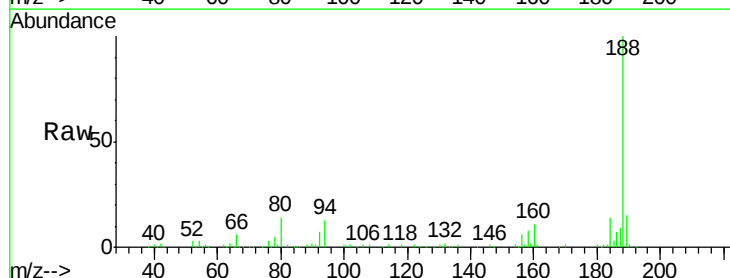
Tgt Ion:188 Resp: 177867

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

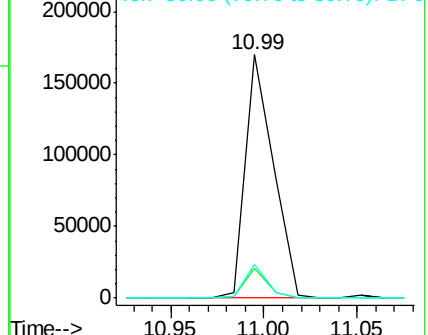
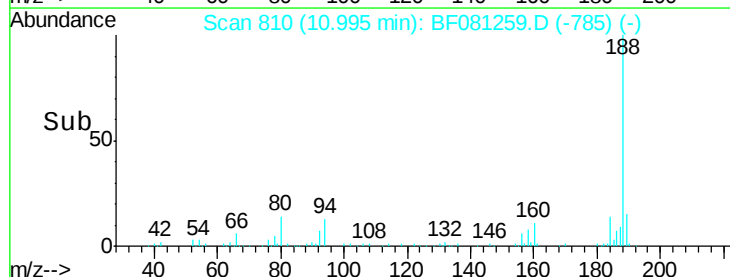
80 13.8 9.5 14.3

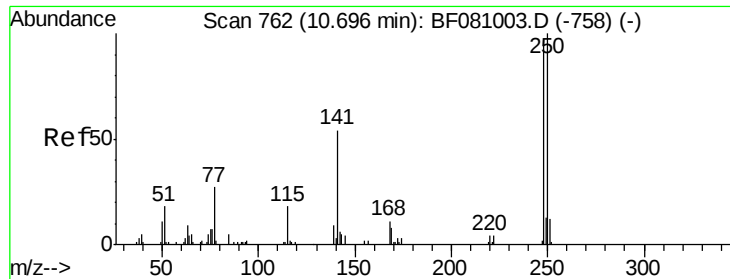


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

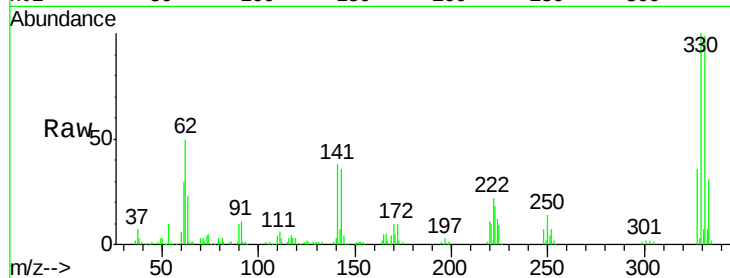




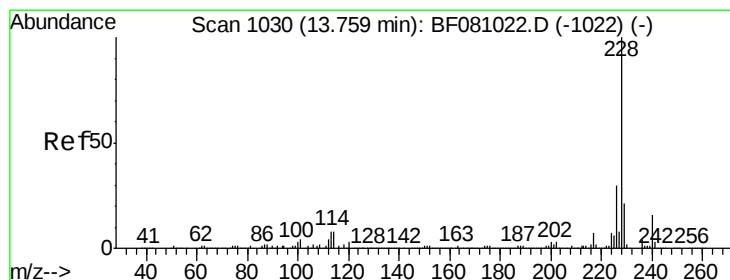
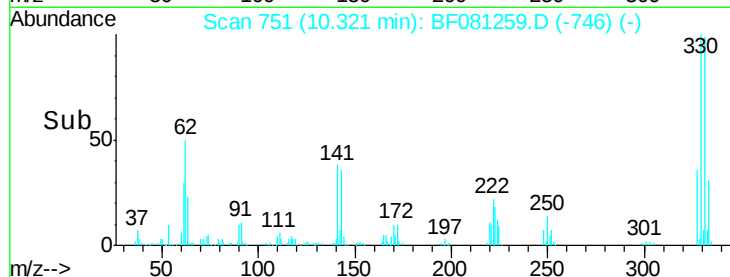
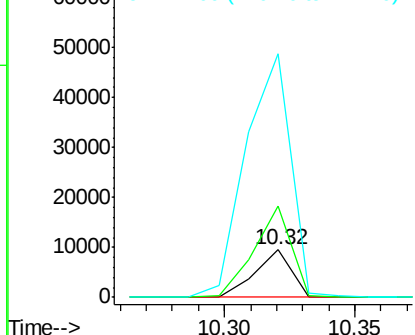
#66
 4-Bromophenyl-phenylether
 Concen: 5.22 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB6(3-4)

Tgt Ion: 248 Resp: 9118
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.8 116.6#
 141 510.3 39.8 59.6#

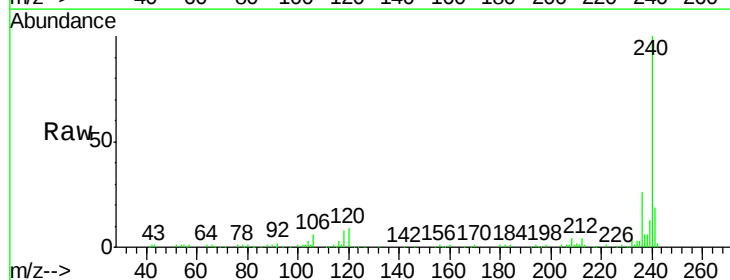


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

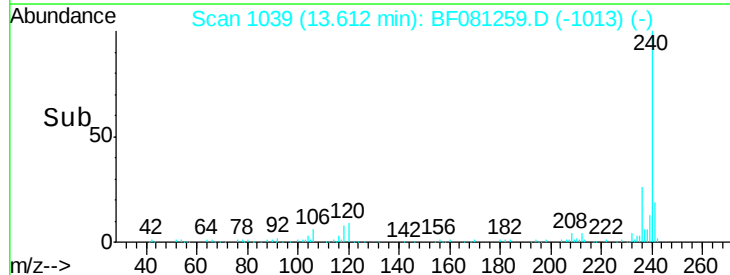
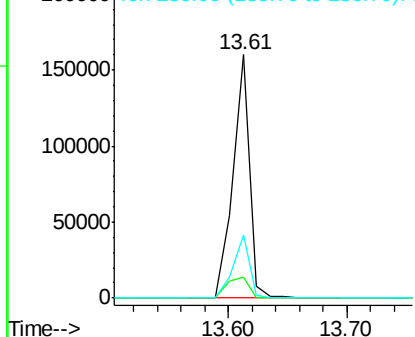


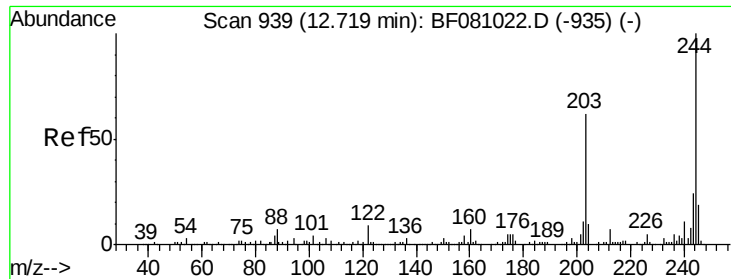
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Tgt Ion: 240 Resp: 154715
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.6 8.4#
 236 26.0 20.6 30.8



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

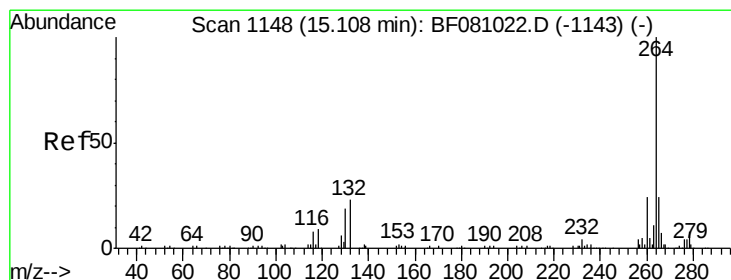
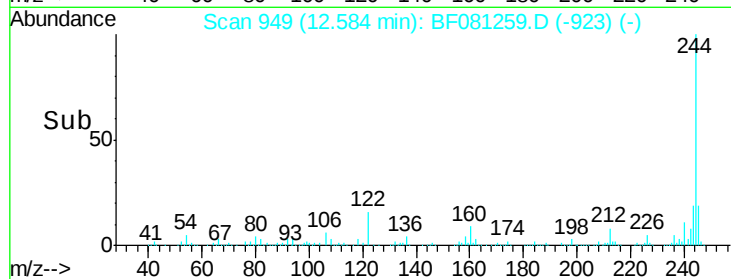
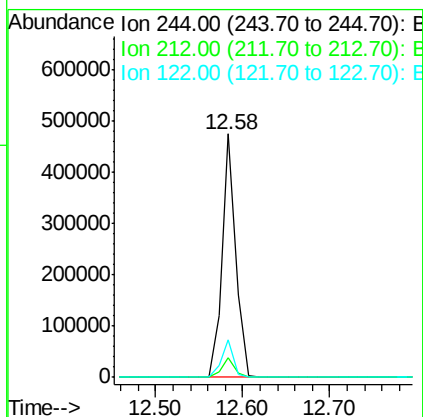
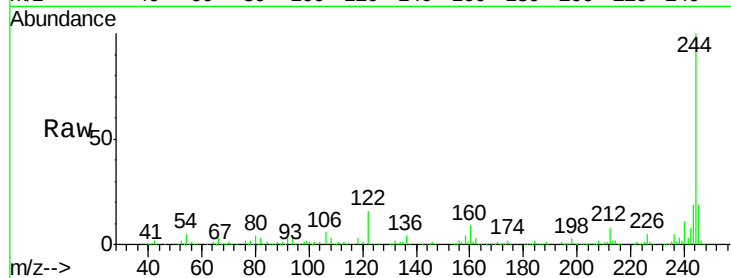




#78
 Terphenyl-d14
 Concen: 72.56 ng
 RT: 12.58 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB6(3-4)

Tgt Ion:244 Resp: 523684
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.6 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF081259.D
 Acq: 28 Aug 2015 3:12

Tgt Ion:264 Resp: 104279
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.5 17.5 26.3

