

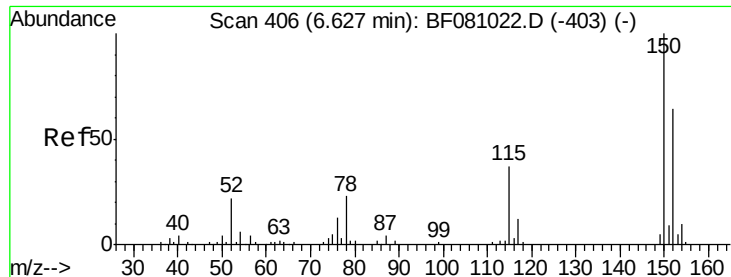
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081262.D
 Acq On : 28 Aug 2015 4:43
 Operator : UM/IZ
 Sample : G3430-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB6(25-26)

Quant Time: Aug 28 05:52:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	45999	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	185102	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	90983	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	177122	20.00	ng	-0.05
75) Chrysene-d12	13.61	240	151678	20.00	ng	-0.05
86) Perylene-d12	14.94	264	99513	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	436037	142.58	ng	-0.02
7) Phenol-d6	6.16	99	520468	130.43	ng	-0.04
23) Nitrobenzene-d5	7.07	82	337699	83.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	117373	148.82	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	481979	69.41	ng	-0.04
78) Terphenyl-d14	12.58	244	470357	66.48	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	11727	4.56	ng	83
19) n-Nitroso-di-n-propylamine	7.07	70	45214	16.36	ng	# 71
49) Dimethylphthalate	9.27	163	89894	12.00	ng	100
56) 2,4-Dinitrotoluene	9.53	165	11486	5.39	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	9310	5.35	ng	# 1
74) Fluoranthene	12.20	202	26674	2.35	ng	91
88) Benzo(k)fluoranthene	14.60	252	13158	2.01	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.04 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

Instrument :

BNA_F

ClientSampleId :

SB6(25-26)

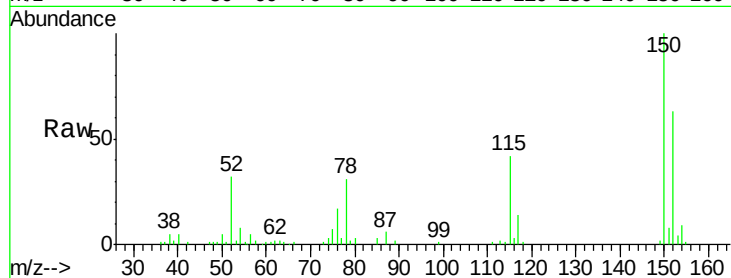
Tgt Ion:152 Resp: 45999

Ion Ratio Lower Upper

152 100

150 159.8 123.8 185.6

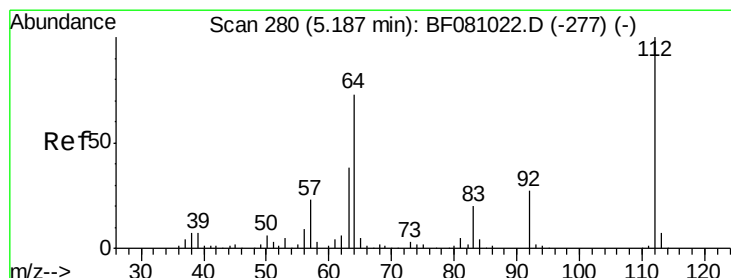
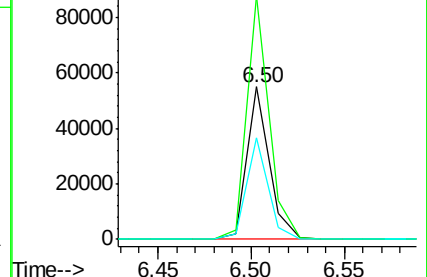
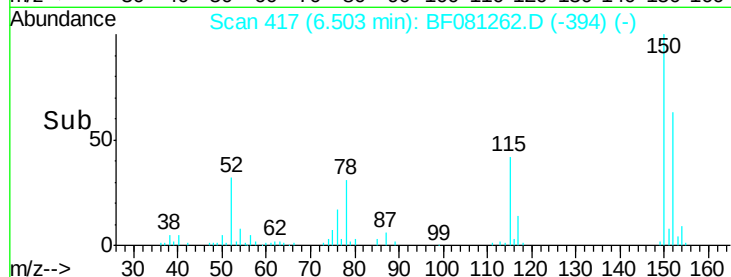
115 66.9 52.1 78.1



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: 142.58 ng

RT: 5.07 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

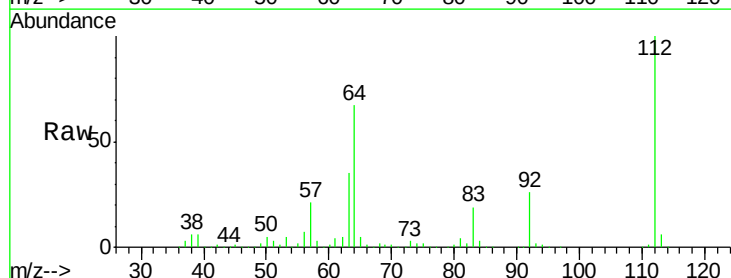
Tgt Ion:112 Resp: 436037

Ion Ratio Lower Upper

112 100

64 67.5 66.9 100.3

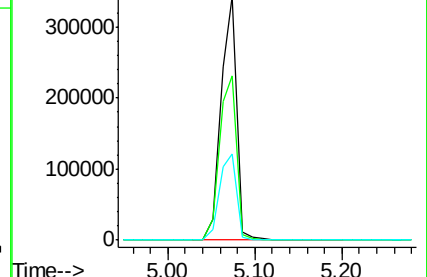
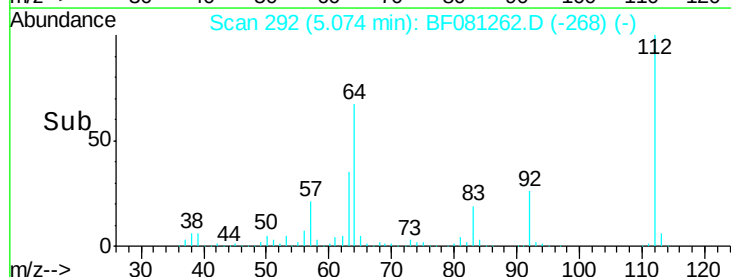
63 35.2 38.1 57.1#

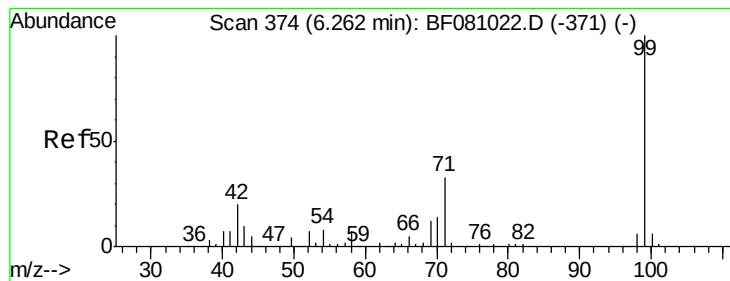


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.43 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

Instrument :

BNA_F

ClientSampleId :

SB6(25-26)

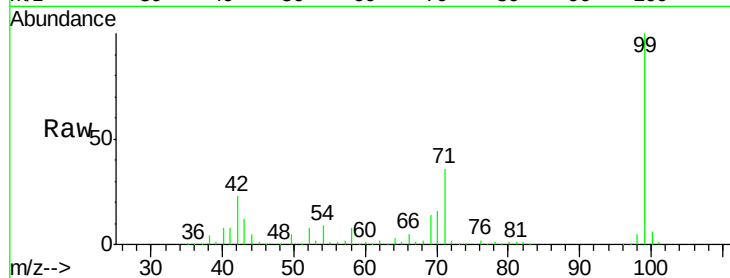
Tgt Ion: 99 Resp: 520468

Ion Ratio Lower Upper

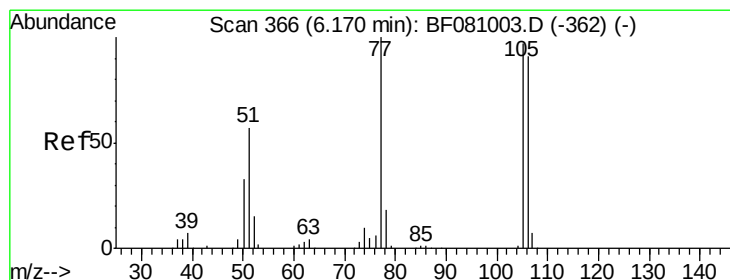
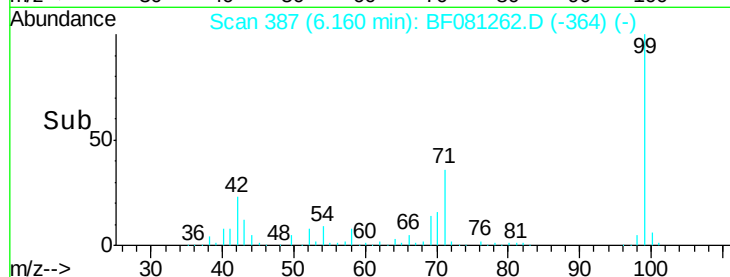
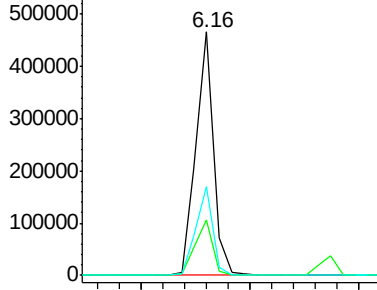
99 100

42 22.7 19.6 29.4

71 36.4 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



#9

Benzaldehyde

Concen: 4.56 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.19 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

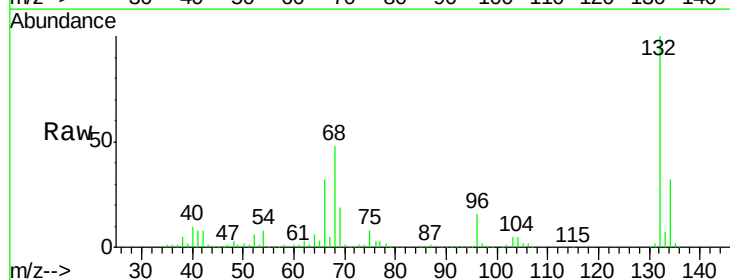
Tgt Ion: 77 Resp: 11727

Ion Ratio Lower Upper

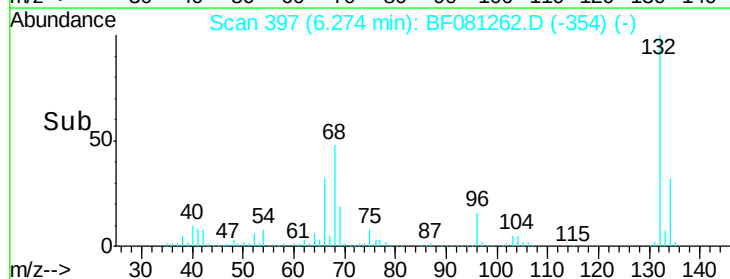
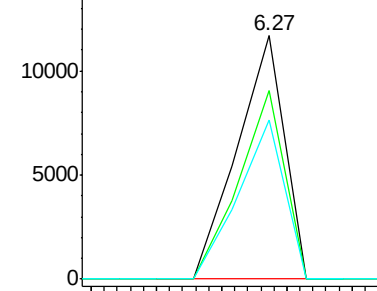
77 100

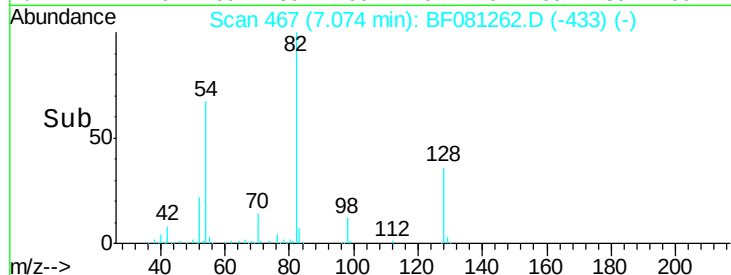
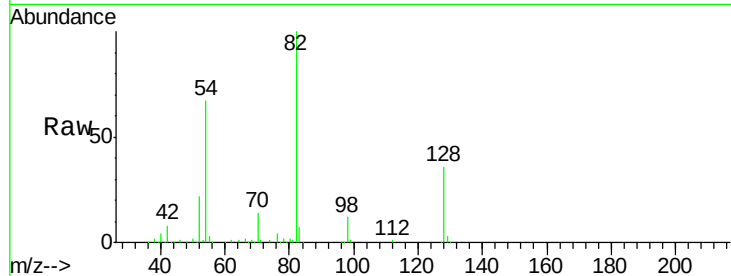
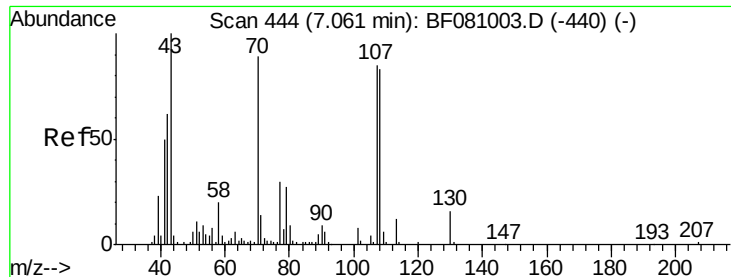
105 77.5 69.6 109.6

106 65.5 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

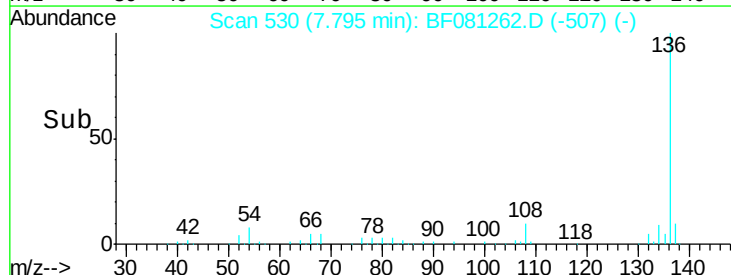
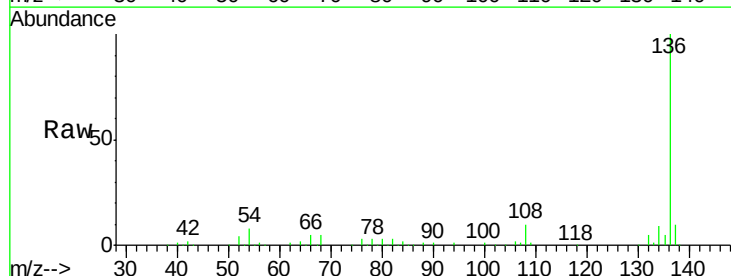
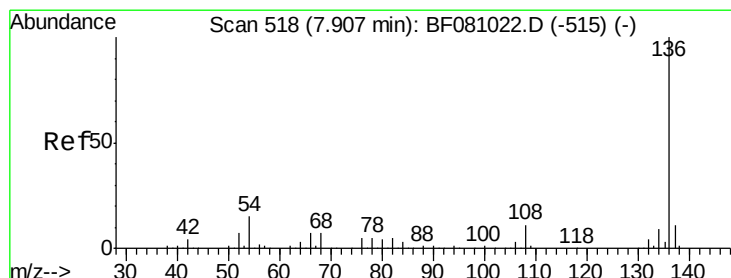
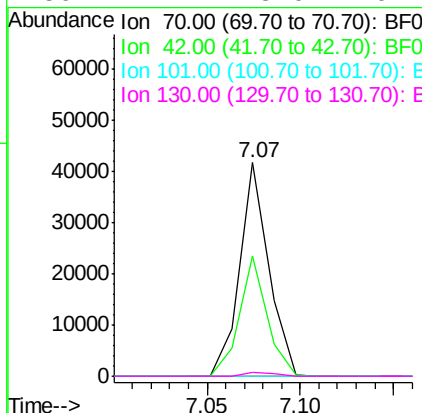




#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 7.07 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF081262.D
Acq: 28 Aug 2015 4:43

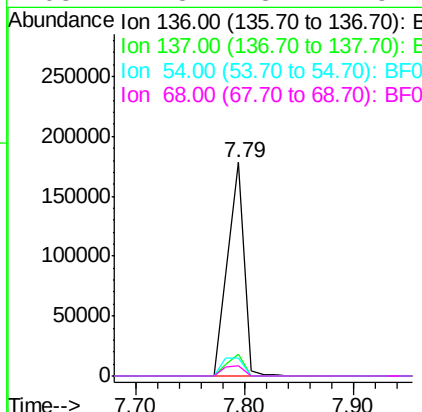
Instrument :
BNA_F
ClientSampleId :
SB6(25-26)

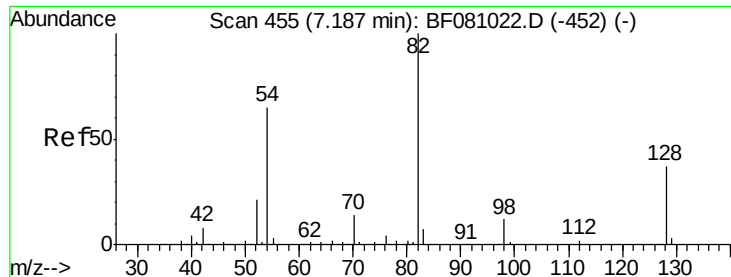
Tgt Ion: 70 Resp: 45214
Ion Ratio Lower Upper
70 100
42 56.3 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081262.D
Acq: 28 Aug 2015 4:43

Tgt Ion: 136 Resp: 185102
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 8.4 7.7 11.5
68 4.8 3.4 5.2

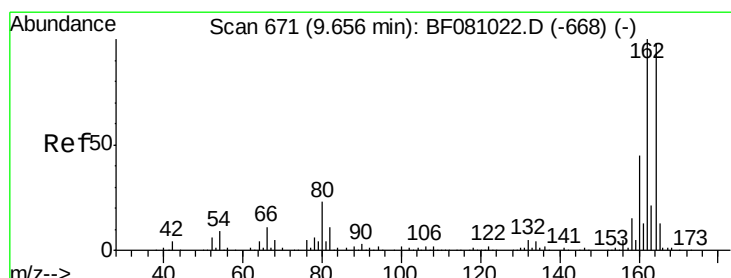
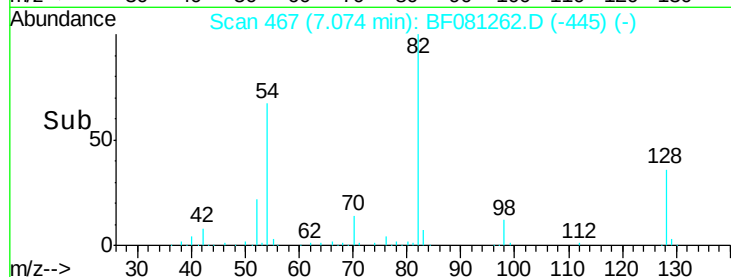
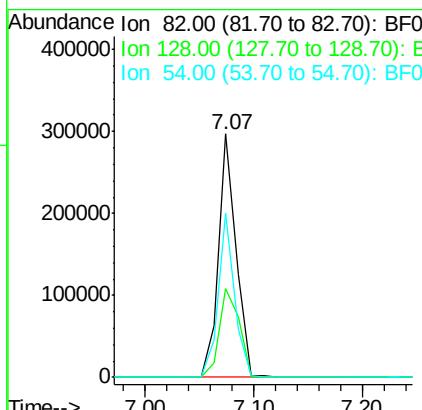
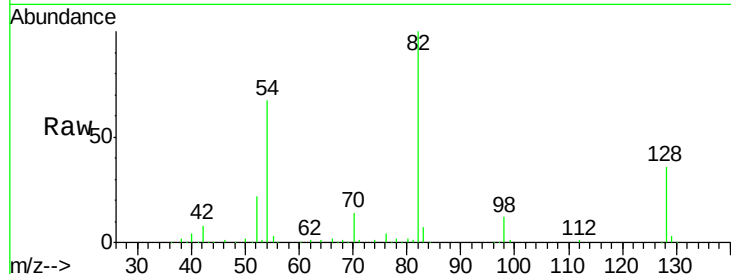




#23
 Nitrobenzene-d5
 Concen: 83.34 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

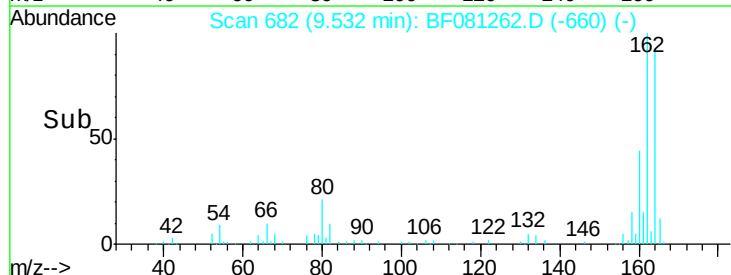
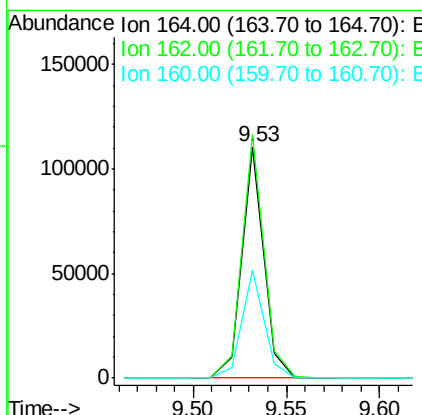
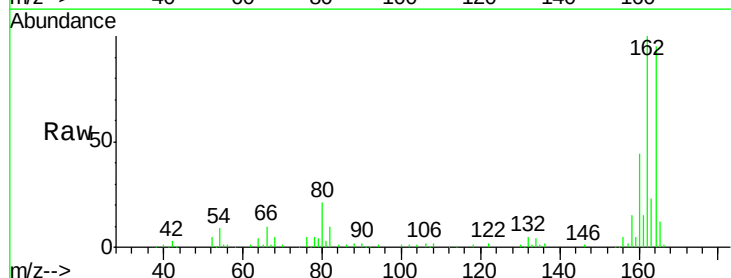
Instrument :
 BNA_F
 ClientSampleId :
 SB6(25-26)

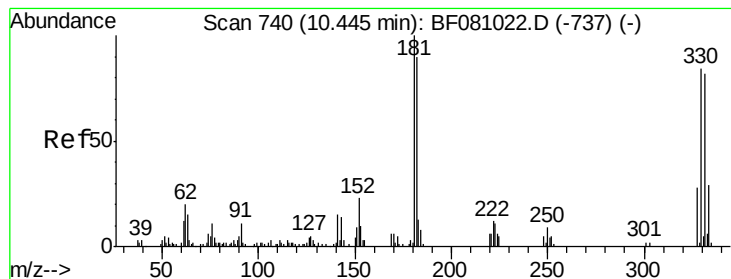
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.6	42.8
54	67.4	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.8	125.8
160	46.5	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 148.82 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

Instrument :

BNA_F

ClientSampleId :

SB6(25-26)

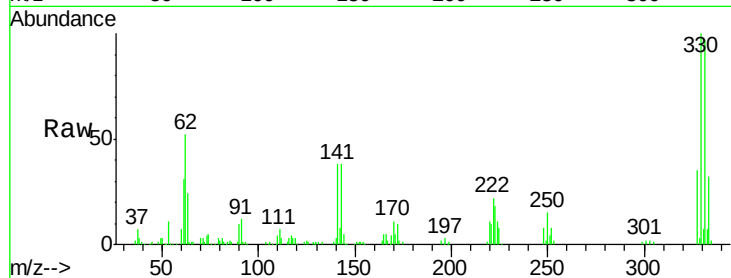
Tgt Ion:330 Resp: 117373

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

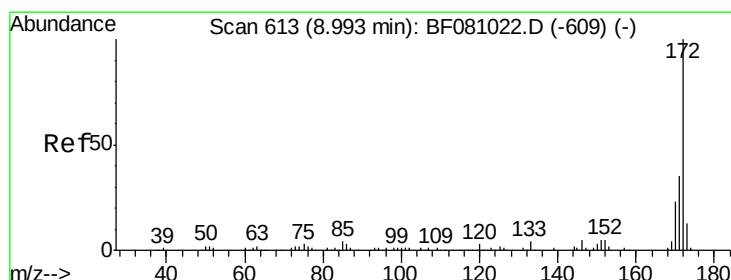
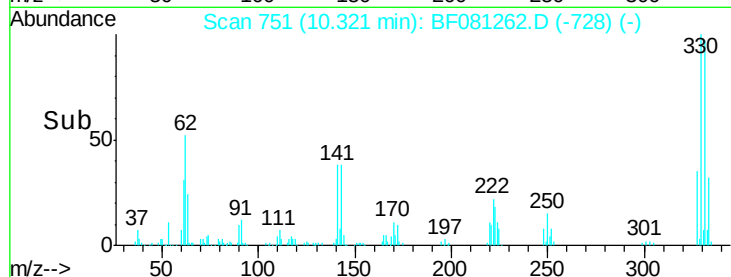
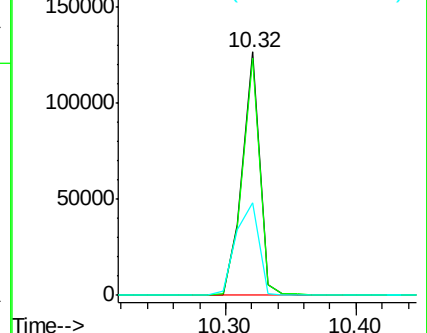
141 50.2 44.9 67.3



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: 69.41 ng

RT: 8.87 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

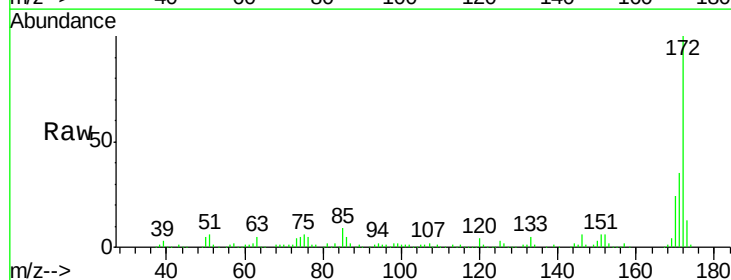
Tgt Ion:172 Resp: 481979

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

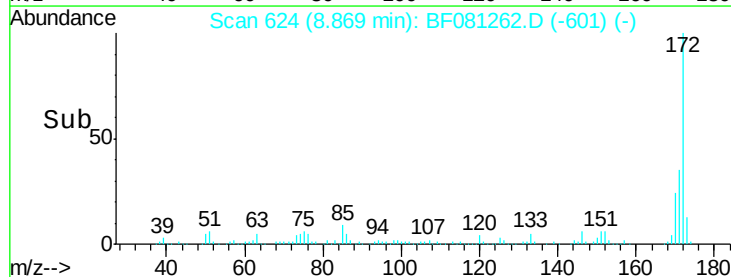
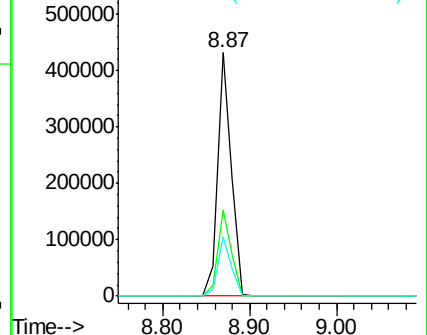
170 24.2 19.4 29.2

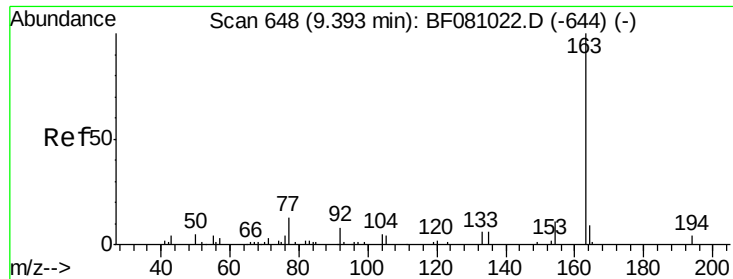


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

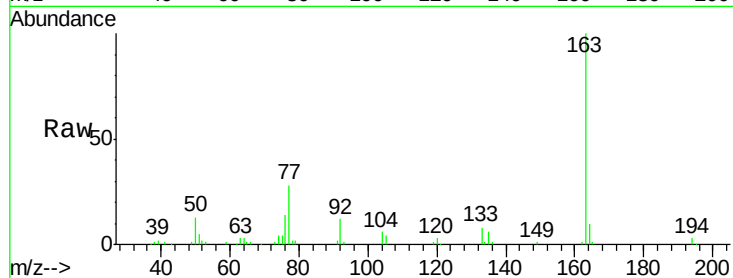




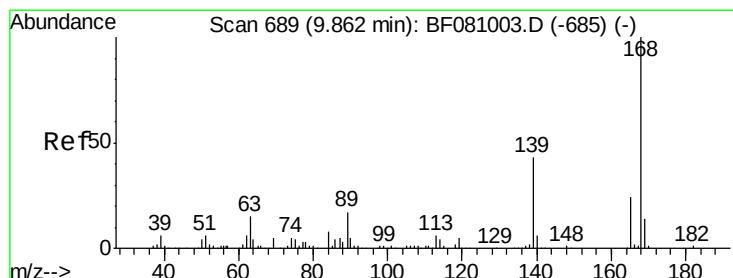
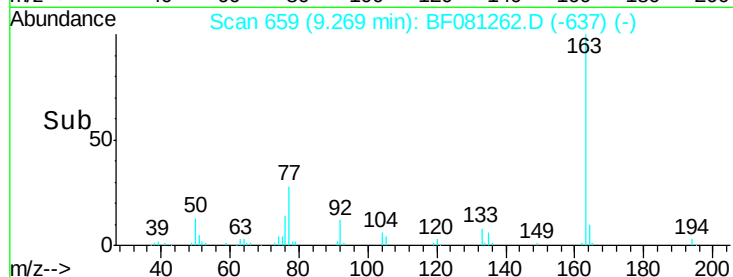
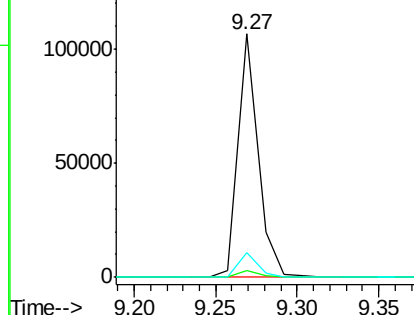
#49
Dimethylphthalate
Concen: 12.00 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081262.D
Acq: 28 Aug 2015 4:43

Instrument :
BNA_F
ClientSampleId :
SB6(25-26)

Tgt Ion:163 Resp: 89894
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.3 8.1 12.1

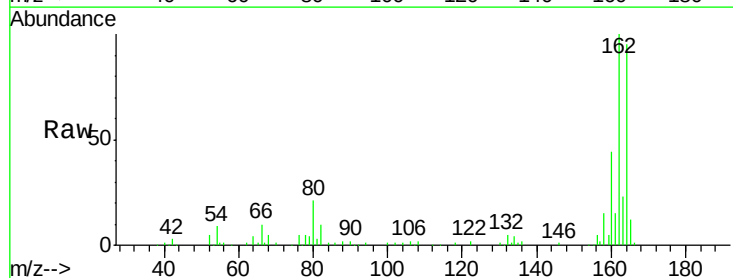


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

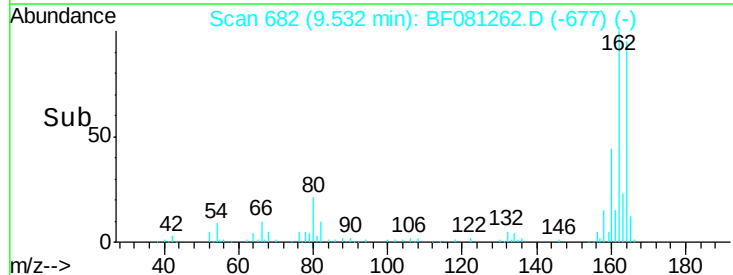
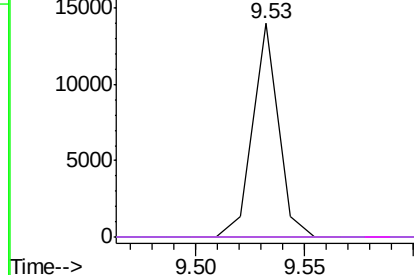


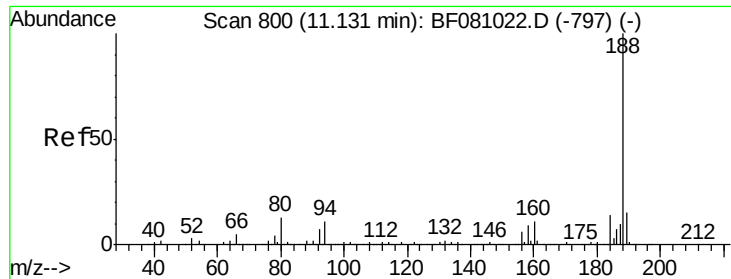
#56
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081262.D
Acq: 28 Aug 2015 4:43

Tgt Ion:165 Resp: 11486
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

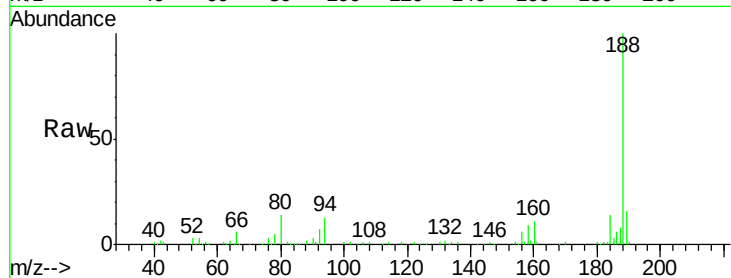




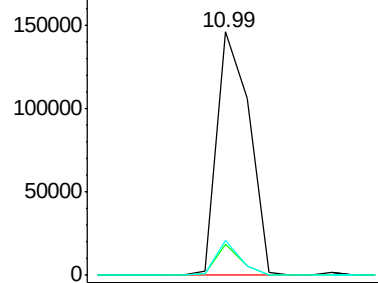
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :
 SB6(25-26)

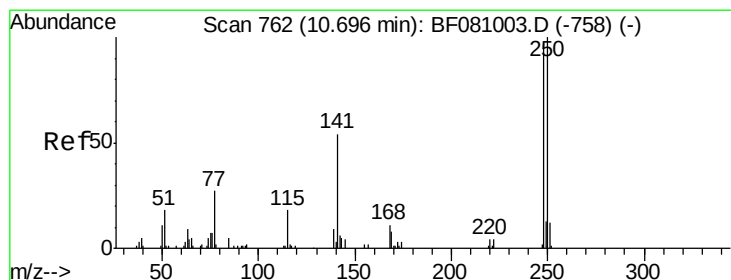
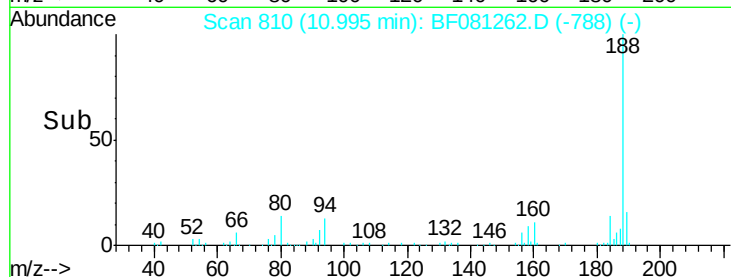
Tgt Ion:188 Resp: 177122
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.2 12.2#
 80 14.4 9.5 14.3#



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

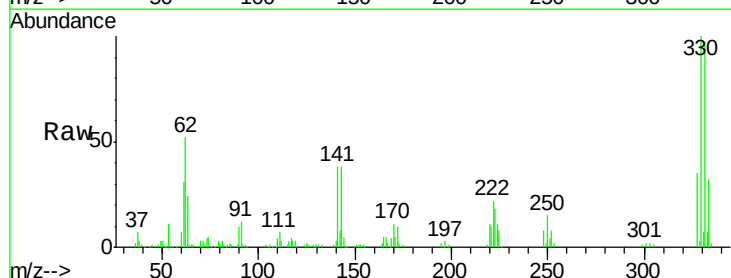


Time-->

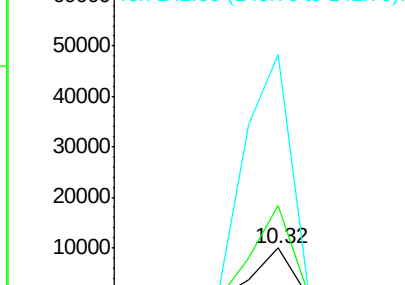


#66
 4-Bromophenyl-phenylether
 Concen: 5.35 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.28 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

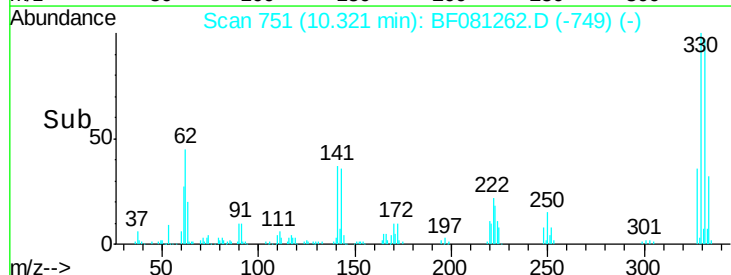
Tgt Ion:248 Resp: 9310
 Ion Ratio Lower Upper
 248 100
 250 184.1 77.8 116.6#
 141 484.3 39.8 59.6#

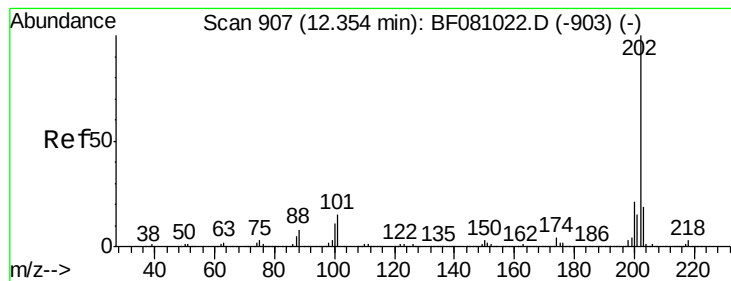


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

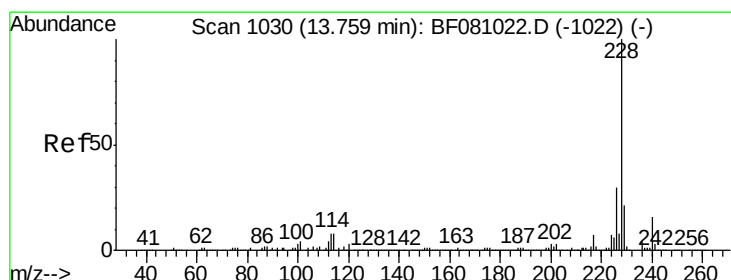
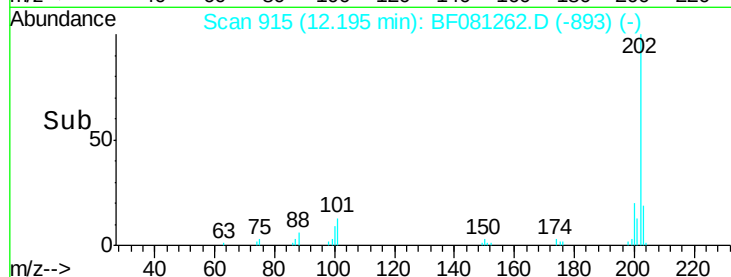
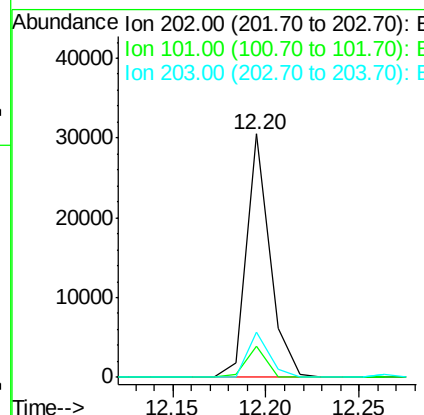
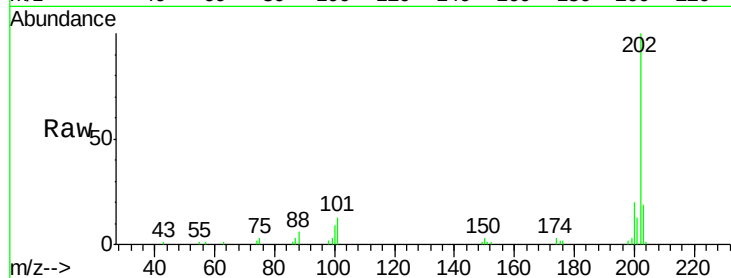




#74
 Fluoranthene
 Concen: 2.35 ng
 RT: 12.20 min Scan# 915
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

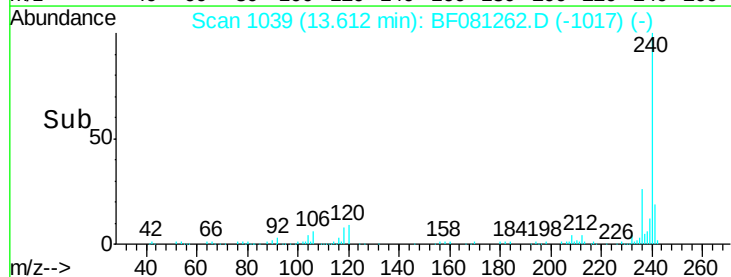
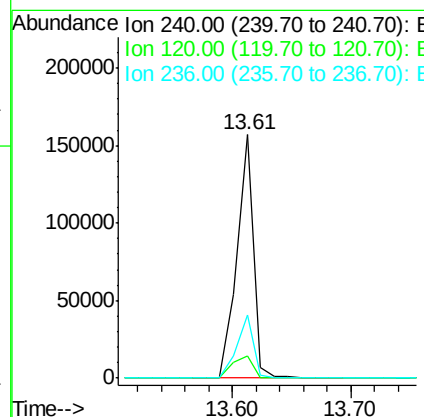
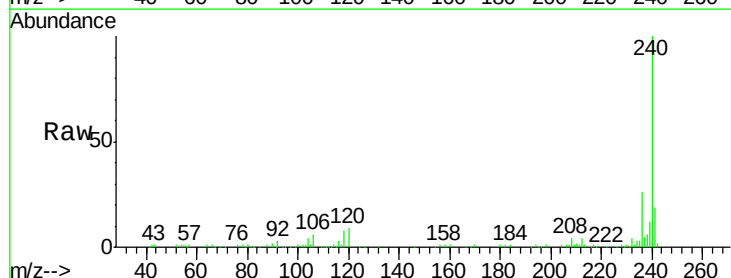
Instrument :
 BNA_F
 ClientSampleId :
 SB6(25-26)

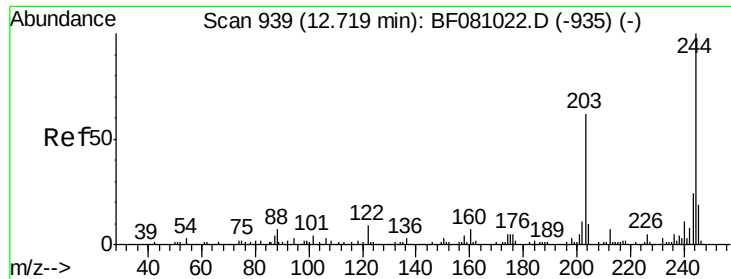
Tgt Ion: 202 Resp: 26674
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 24.8
 203 18.7 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

Tgt Ion: 240 Resp: 151678
 Ion Ratio Lower Upper
 240 100
 120 9.0 5.6 8.4#
 236 25.8 20.6 30.8

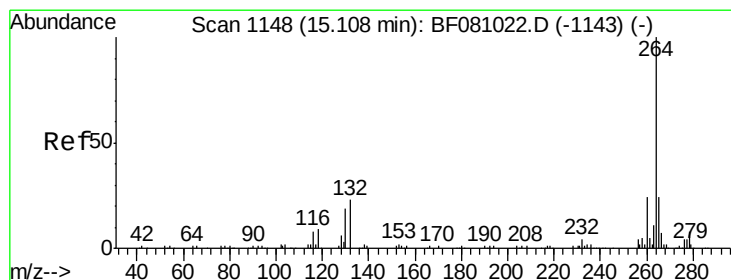
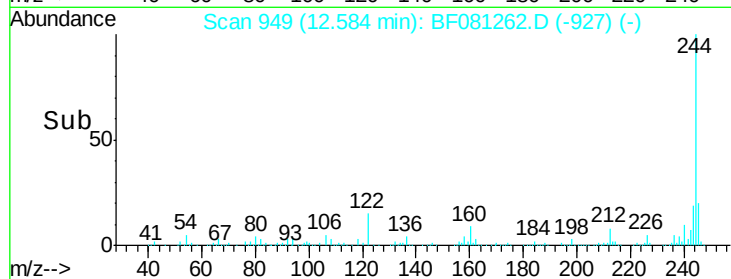
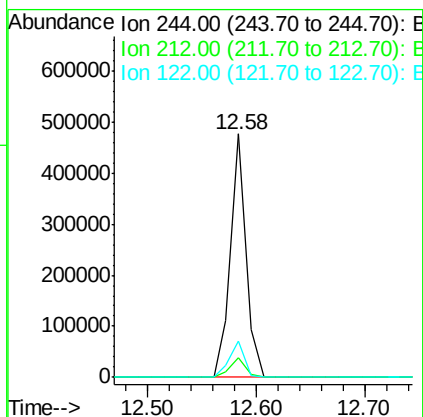
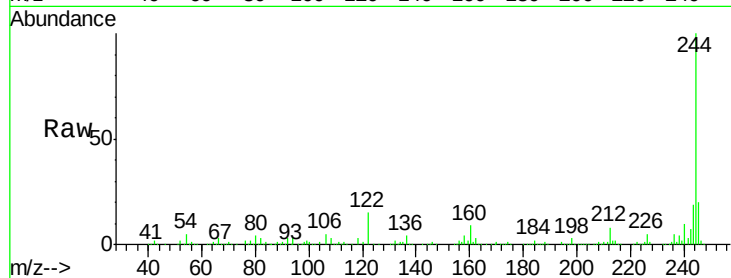




#78
 Terphenyl-d14
 Concen: 66.48 ng
 RT: 12.58 min Scan# 949
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

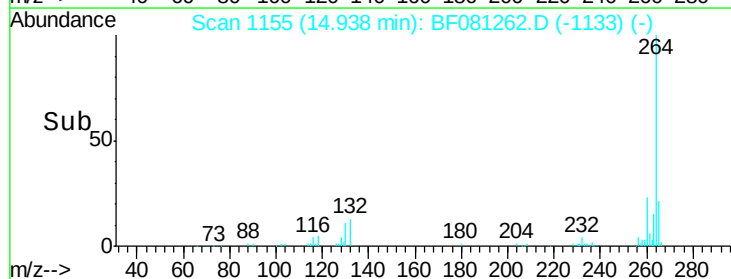
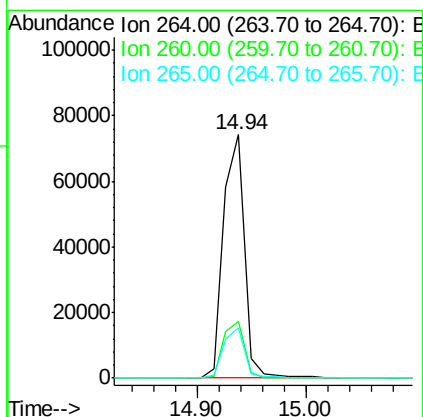
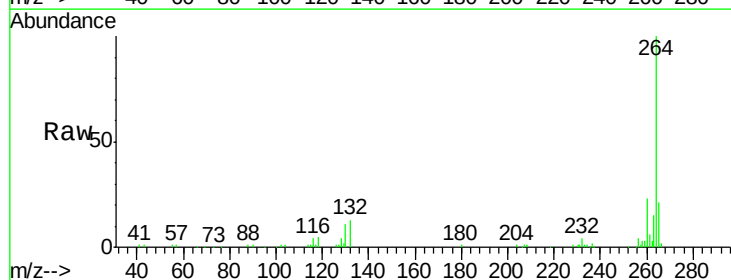
Instrument :
 BNA_F
 ClientSampleId :
 SB6(25-26)

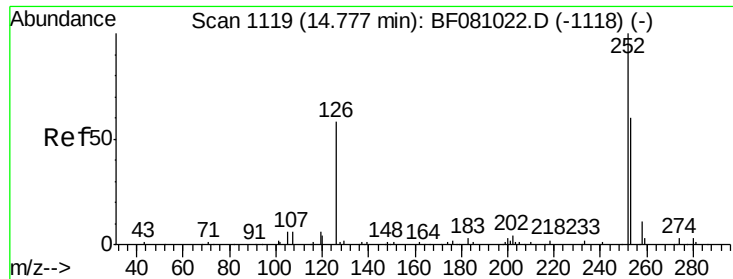
Tgt Ion: 244 Resp: 470357
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 15.0 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081262.D
 Acq: 28 Aug 2015 4:43

Tgt Ion: 264 Resp: 99513
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.9 17.5 26.3





#88

Benzo(k)fluoranthene

Concen: 2.01 ng

RT: 14.60 min Scan# 1125

Delta R.T. -0.07 min

Lab File: BF081262.D

Acq: 28 Aug 2015 4:43

Instrument :

BNA_F

ClientSampleId :

SB6(25-26)

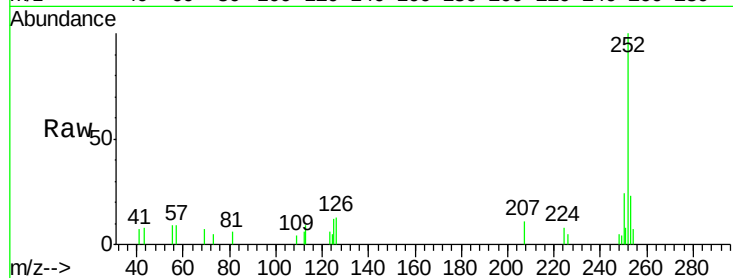
Tgt Ion:252 Resp: 13158

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.6 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

