

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081277.D
 Acq On : 29 Aug 2015 18:22
 Operator : UM/IZ
 Sample : G3467-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:07:02 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

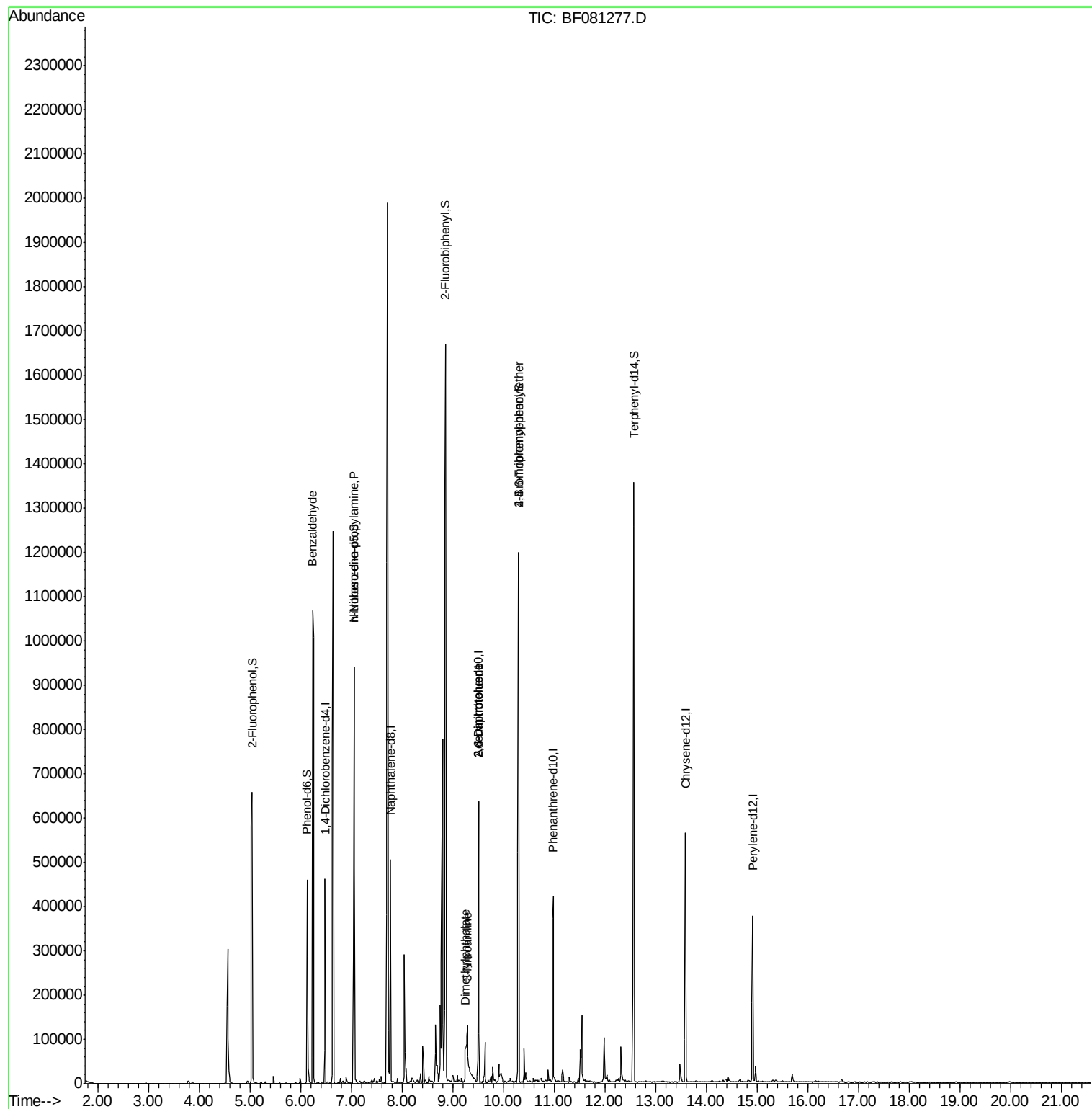
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	62255	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	244860	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	112355	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	216931	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	184214	20.00	ng	-0.07
86) Perylene-d12	14.92	264	150113	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	238065	57.52	ng	-0.06
7) Phenol-d6	6.13	99	192138	35.58	ng	-0.07
23) Nitrobenzene-d5	7.05	82	388537	72.49	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	108698	111.61	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	706112	82.35	ng	-0.05
78) Terphenyl-d14	12.57	244	625892	72.84	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	9737	2.80	ng	# 75
19) n-Nitroso-di-n-propylamine	7.05	70	52086	13.92	ng	# 70
49) Dimethylphthalate	9.25	163	21549	2.33	ng	# 97
50) 2,6-Dinitrotoluene	9.51	165	14433	7.27	ng	# 23
52) 3-Nitroaniline	9.29	138	105838	42.57	ng	# 1
56) 2,4-Dinitrotoluene	9.51	165	14433	5.48	ng	# 18
66) 4-Bromophenyl-phenylether	10.30	248	8960	4.20	ng	# 1

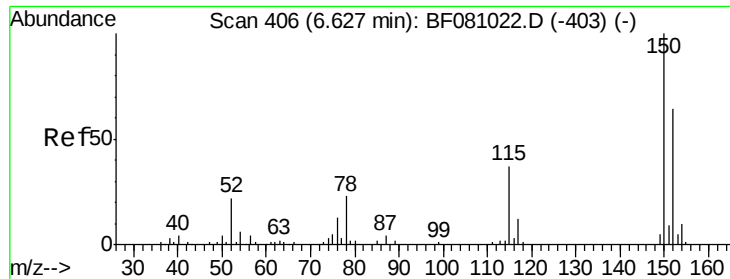
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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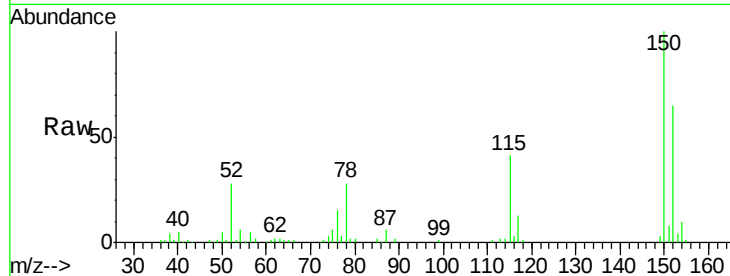


#1

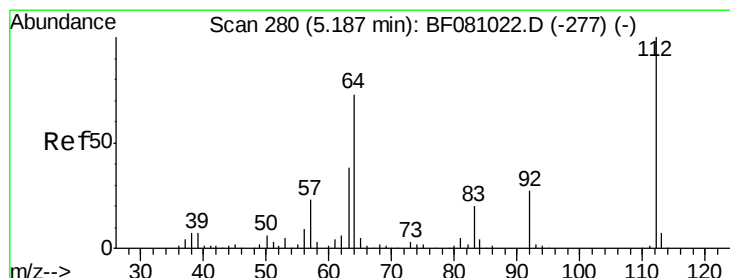
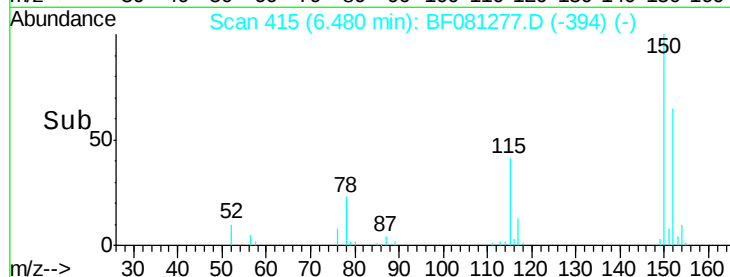
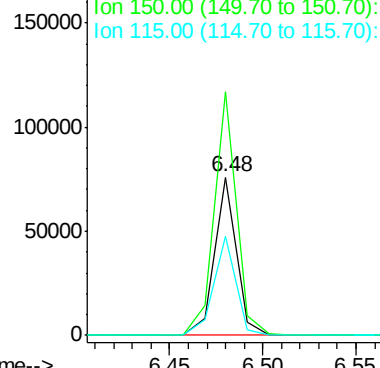
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62255
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 62.9 52.1 78.1



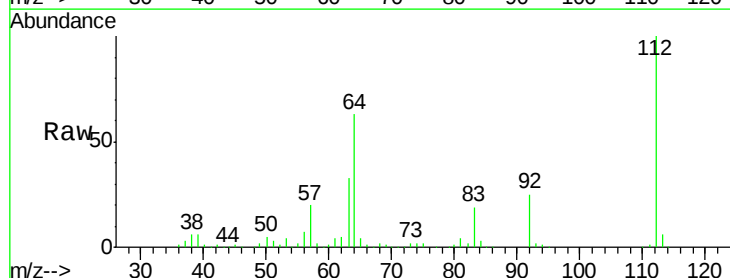
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



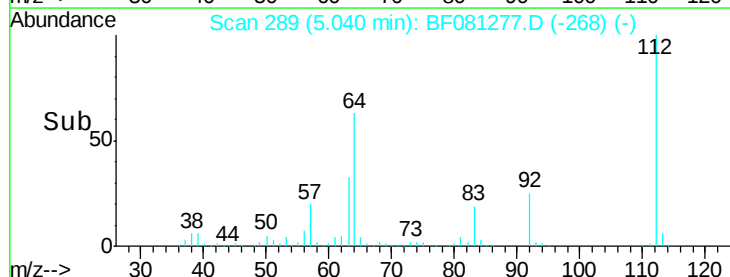
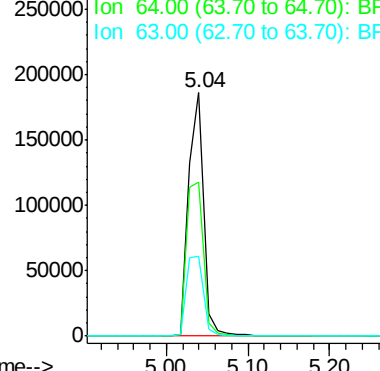
#5

2-Fluorophenol
Concen: 57.52 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

Tgt Ion:112 Resp: 238065
Ion Ratio Lower Upper
112 100
64 63.2 66.9 100.3#
63 32.9 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: 35.58 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.07 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

Instrument :

BNA_F

ClientSampleId :

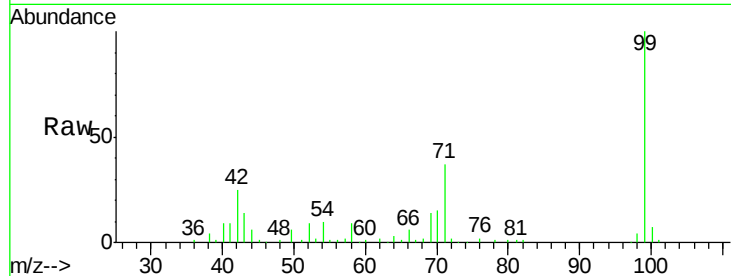
Tot Ion: 99 Resp: 192138

Ion Ratio Lower Upper

99 100

42 25.2 19.6 29.4

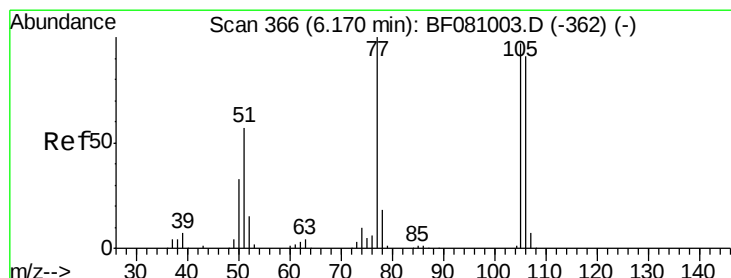
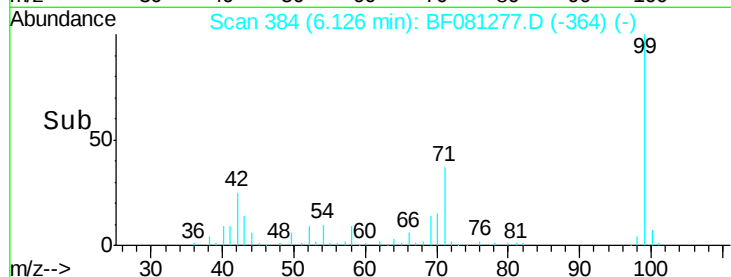
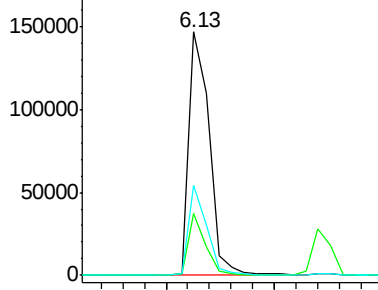
71 36.9 31.2 46.8



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: 2.80 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

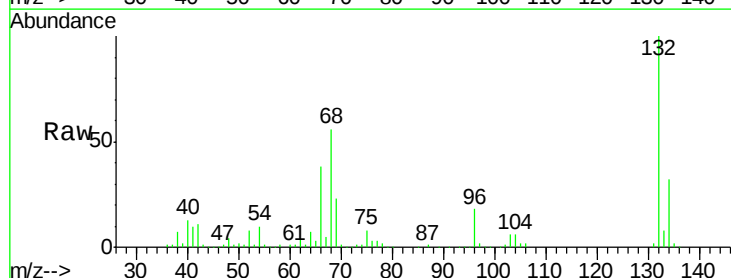
Tgt Ion: 77 Resp: 9737

Ion Ratio Lower Upper

77 100

105 69.7 69.6 109.6

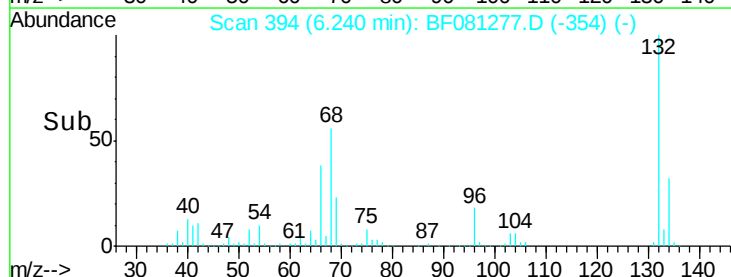
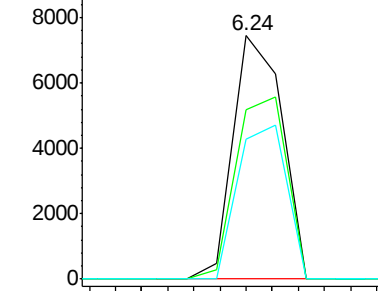
106 57.4 64.0 104.0#

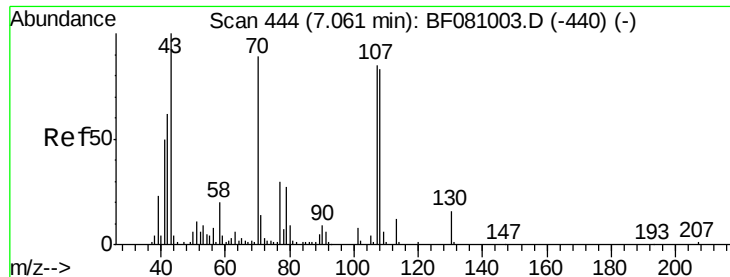


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

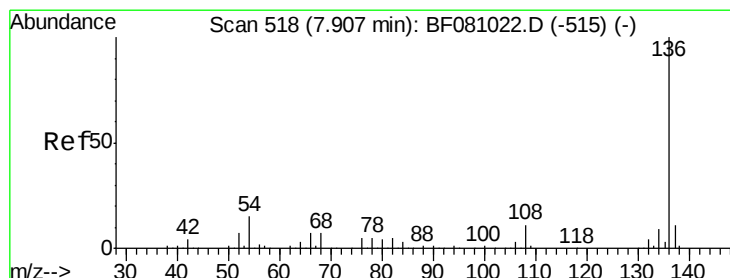
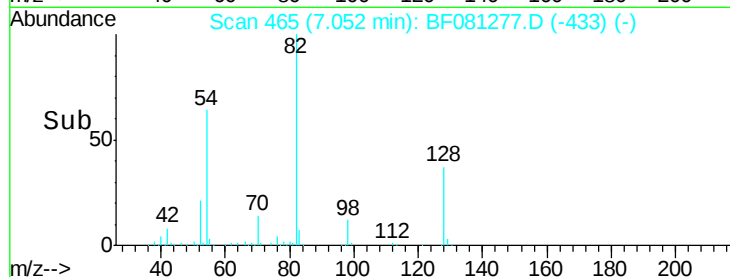
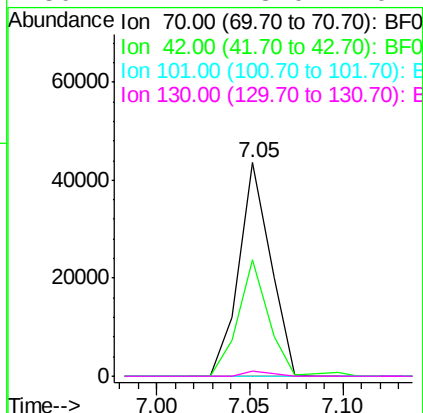
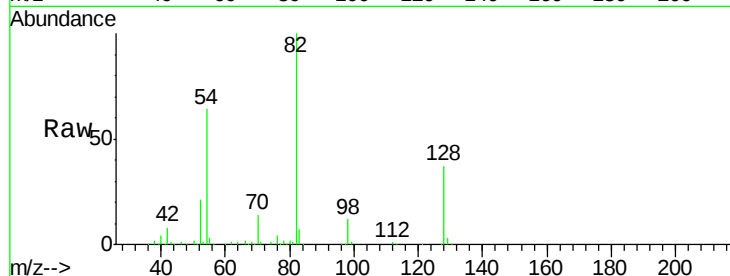




#19
n-Nitroso-di-n-propylamine
Concen: 13.92 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

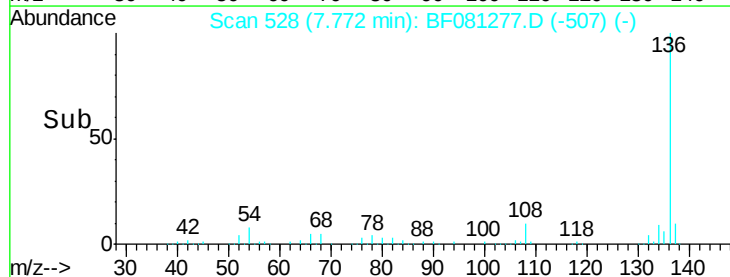
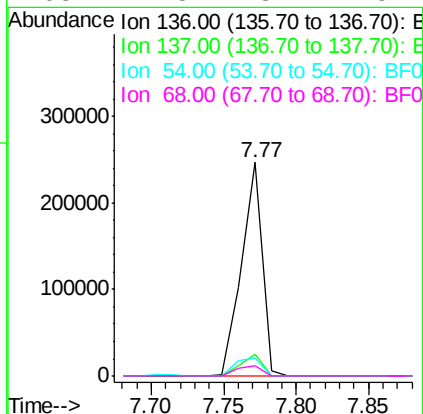
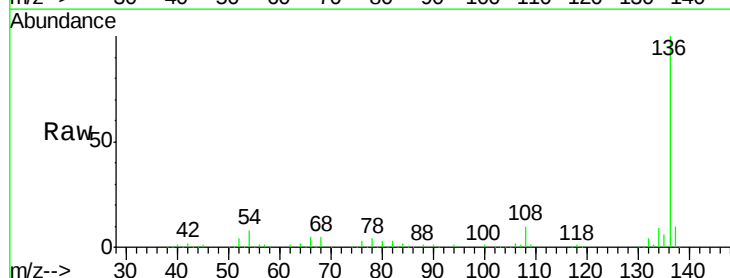
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 52086
Ion Ratio Lower Upper
70 100
42 54.7 65.0 97.4#
101 0.0 7.4 11.2#
130 2.1 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

Tgt Ion: 136 Resp: 244860
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 8.5 7.7 11.5
68 4.8 3.4 5.2

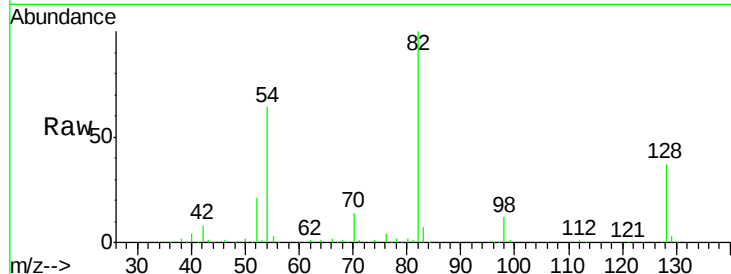




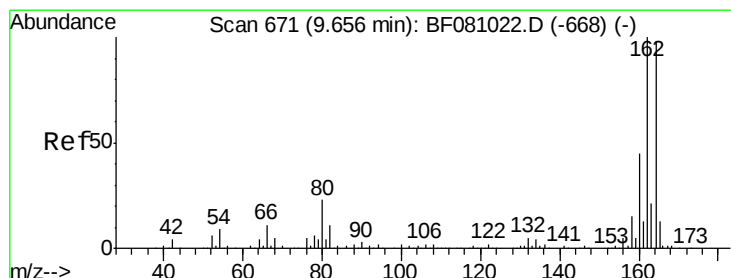
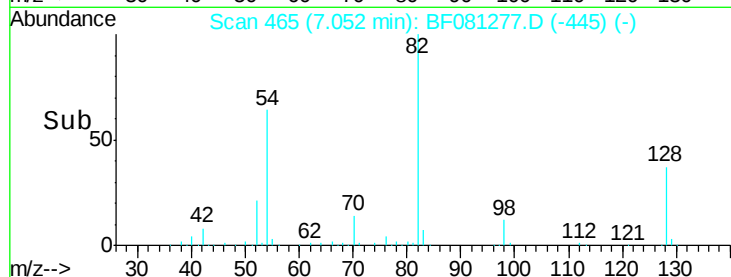
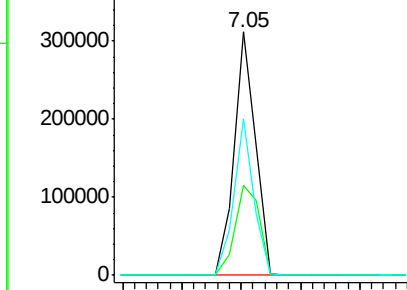
#23
 Nitrobenzene-d5
 Concen: 72.49 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081277.D
 Acq: 29 Aug 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.6	42.8
54	64.2	55.1	82.7

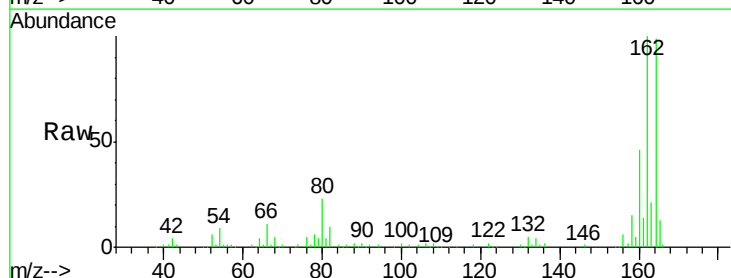


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

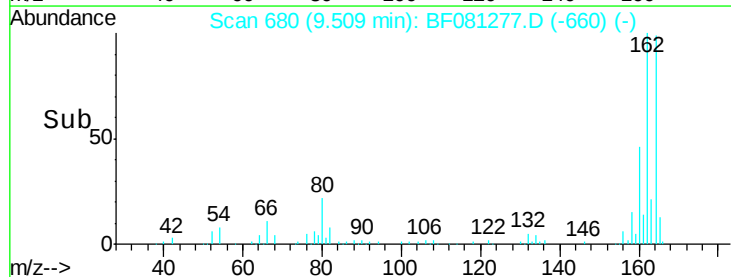
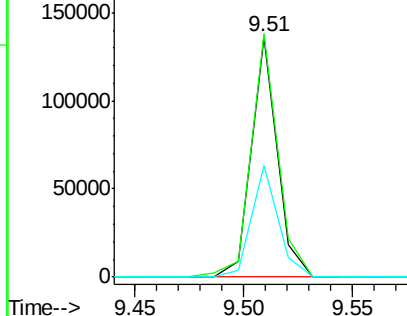


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081277.D
 Acq: 29 Aug 2015 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.8	125.8
160	46.4	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: 111.61 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

Instrument :

BNA_F

ClientSampleId :

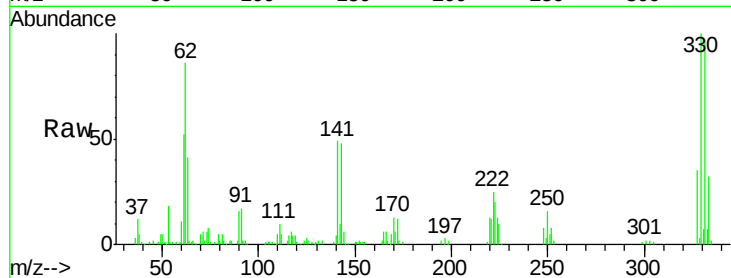
Tot Ion:330 Resp: 108698

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

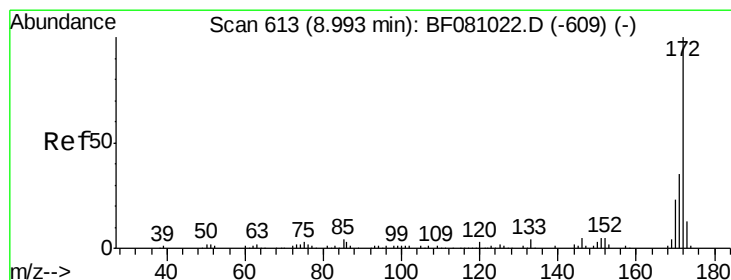
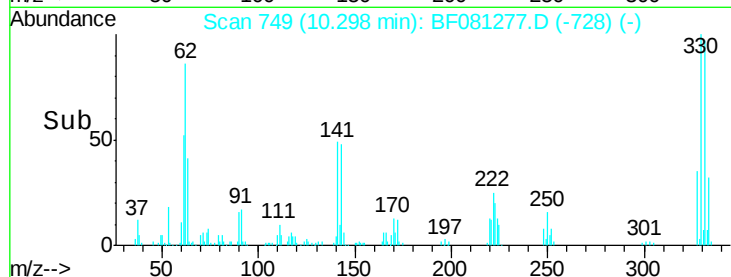
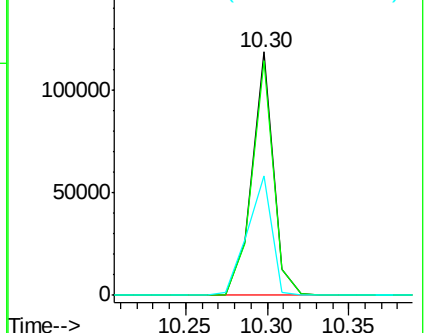
141 55.6 44.9 67.3



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: 82.35 ng

RT: 8.86 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

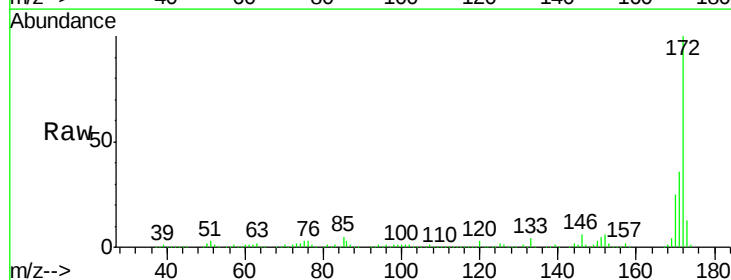
Tgt Ion:172 Resp: 706112

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

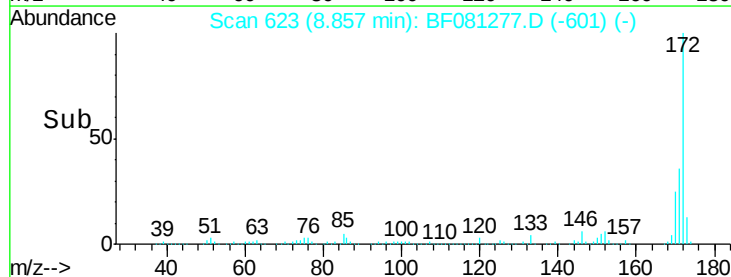
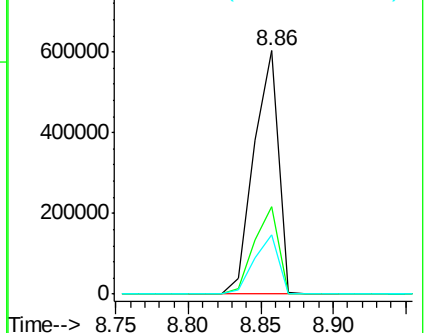
170 24.6 19.4 29.2

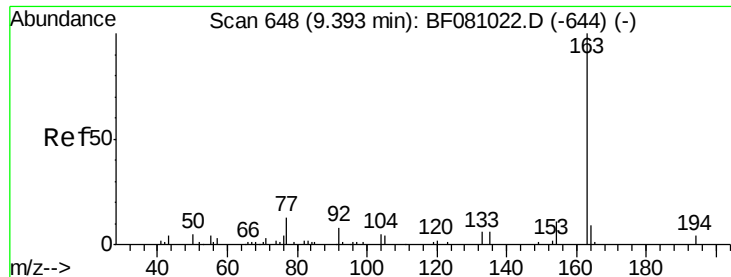


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

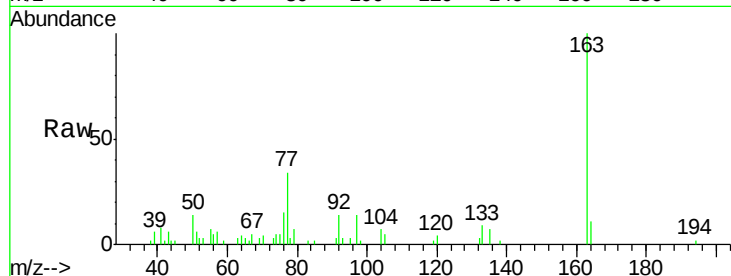




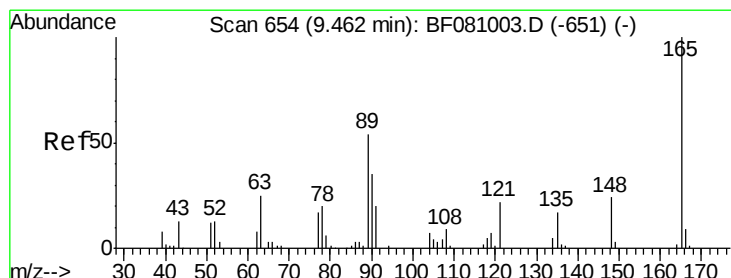
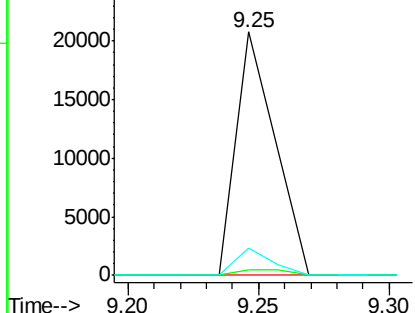
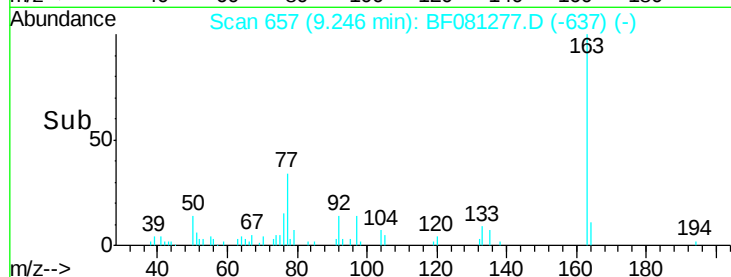
#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.25 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 21549
Ion Ratio Lower Upper
163 100
194 2.5 2.5 3.7#
164 11.1 8.1 12.1

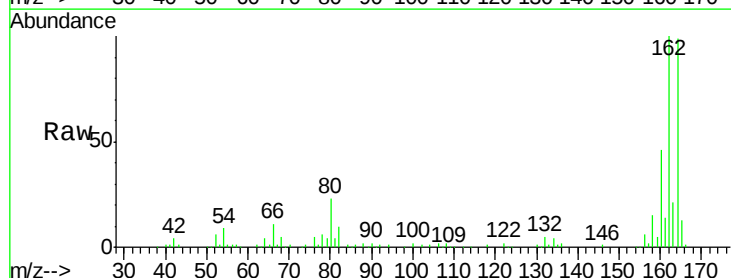


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

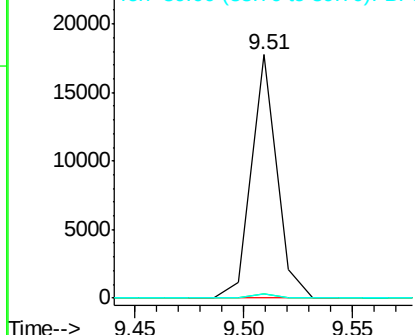
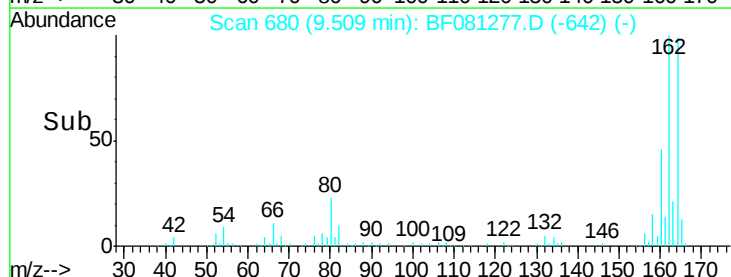


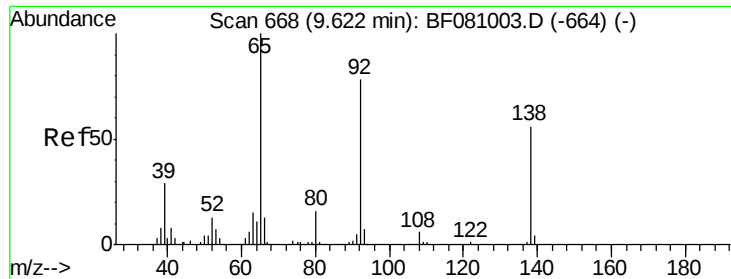
#50
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 9.51 min Scan# 680
Delta R.T. 0.14 min
Lab File: BF081277.D
Acq: 29 Aug 2015 18:22

Tgt Ion:165 Resp: 14433
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.8 47.6 71.4#



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





#52

3-Nitroaniline

Concen: 42.57 ng

RT: 9.29 min Scan# 661

Delta R.T. -0.25 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

Instrument :

BNA_F

ClientSampleId :

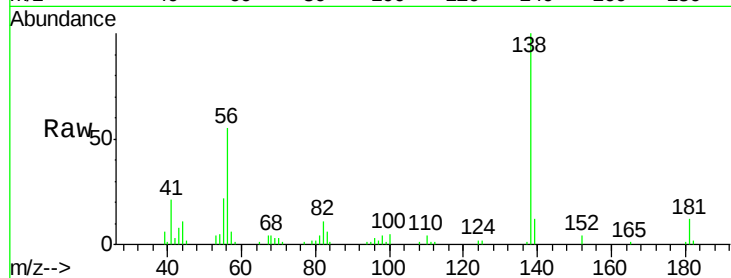
Tot Ion:138 Resp: 105838

Ion Ratio Lower Upper

138 100

108 0.8 9.4 14.2#

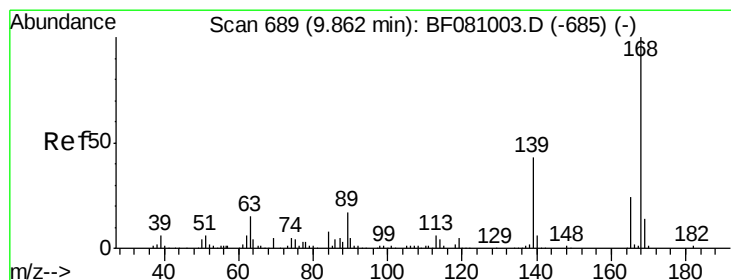
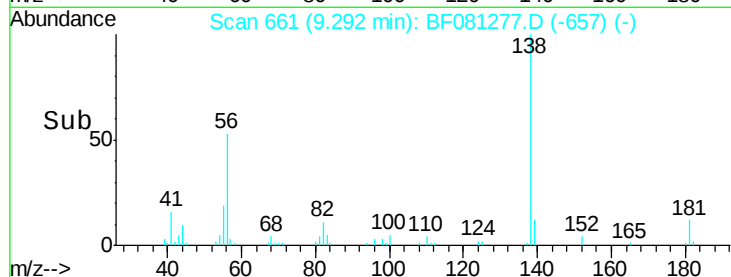
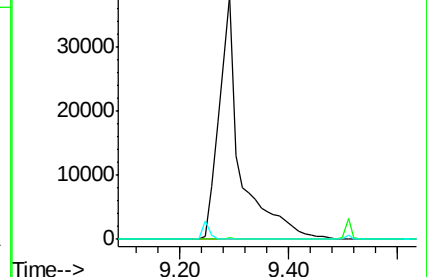
92 0.0 113.2 169.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.48 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.26 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

Tgt Ion:165 Resp: 14433

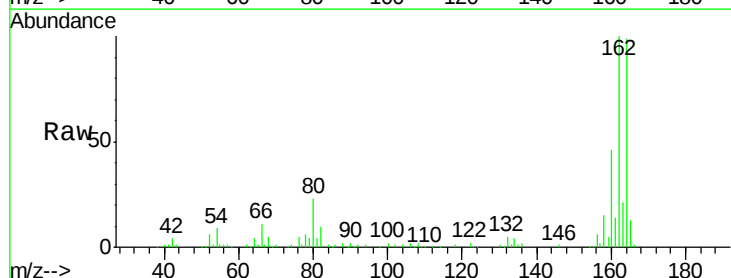
Ion Ratio Lower Upper

165 100

63 1.7 52.2 78.4#

89 1.8 60.1 90.1#

182 0.0 1.8 2.6#

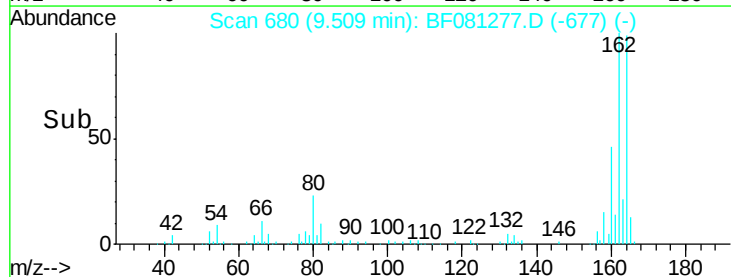
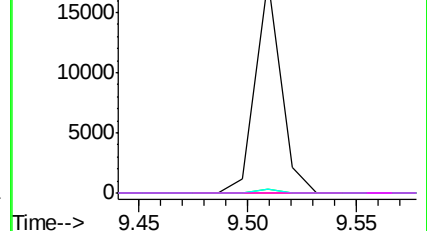


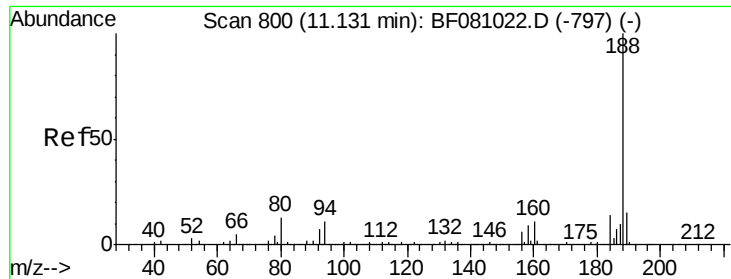
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

Instrument :

BNA_F

ClientSampleId :

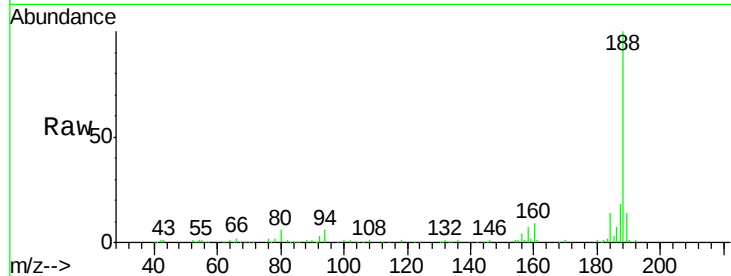
Tot Ion:188 Resp: 216931

Ion Ratio Lower Upper

188 100

94 6.2 8.2 12.2#

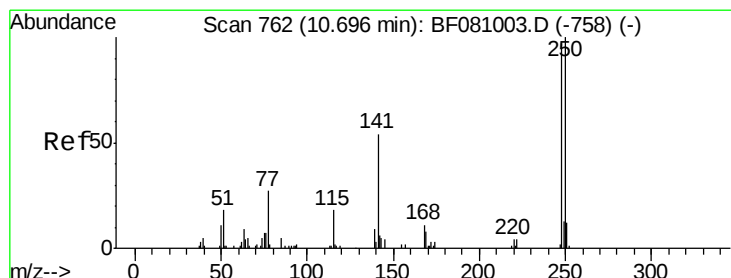
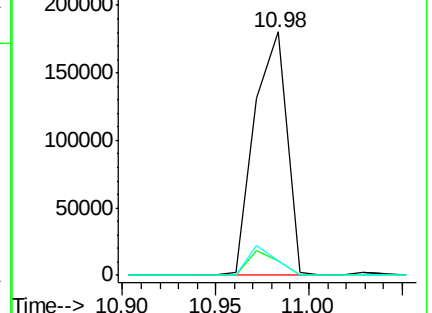
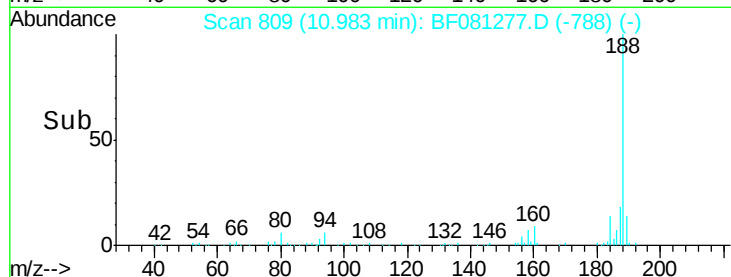
80 6.2 9.5 14.3#



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: 4.20 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081277.D

Acq: 29 Aug 2015 18:22

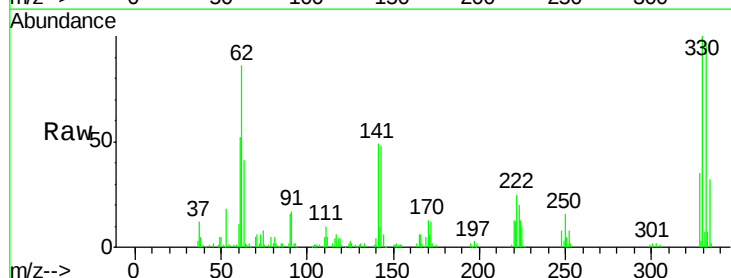
Tgt Ion:248 Resp: 8960

Ion Ratio Lower Upper

248 100

250 202.8 77.8 116.6#

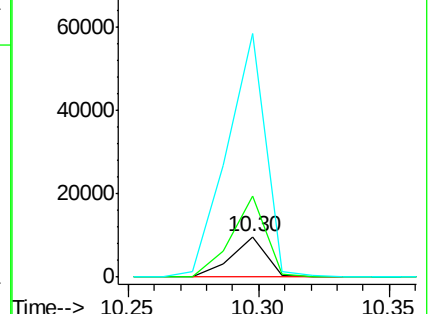
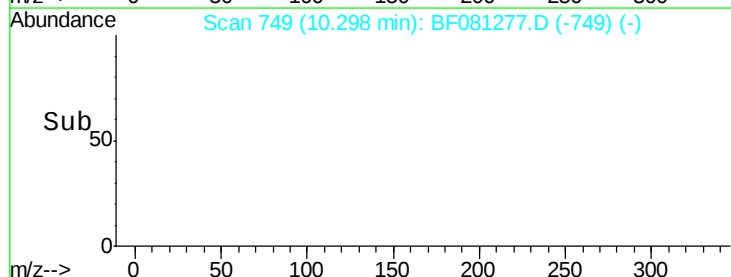
141 607.4 39.8 59.6#

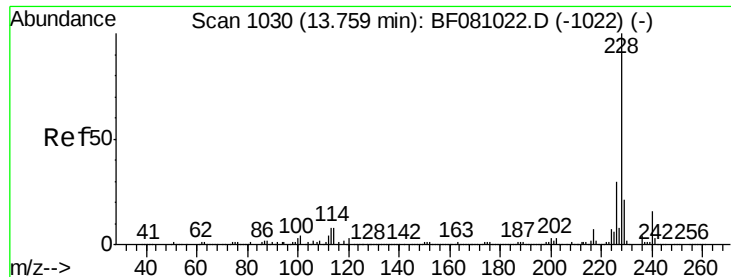


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

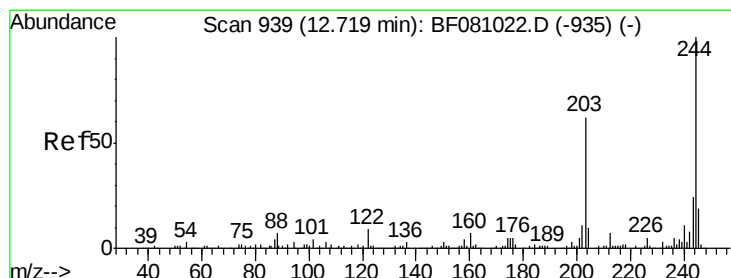
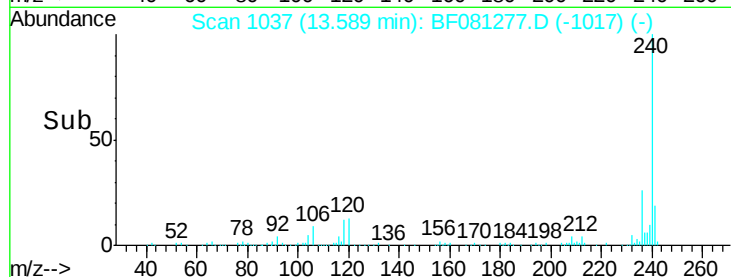
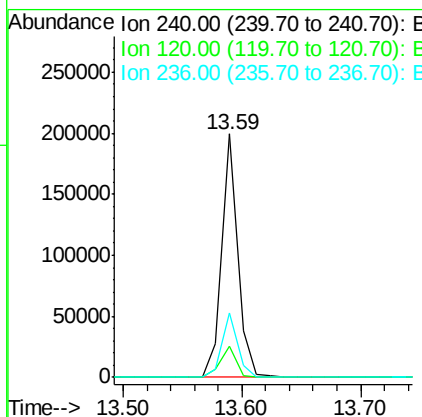
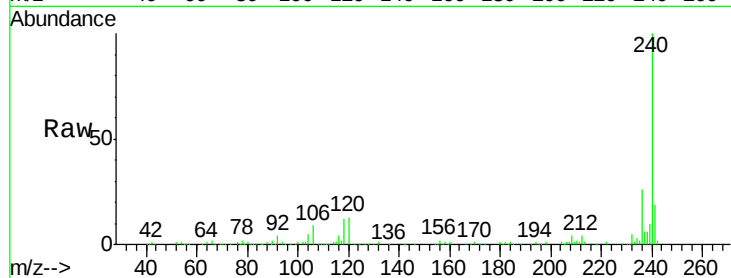




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF081277.D
 Acq: 29 Aug 2015 18:22

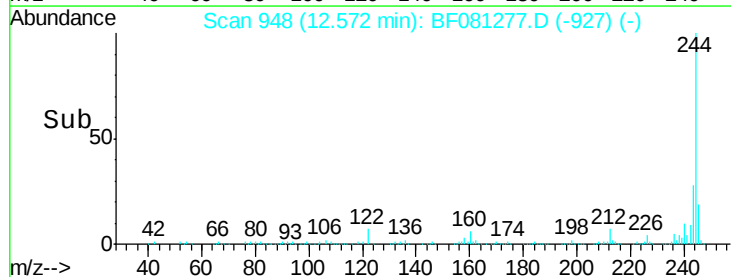
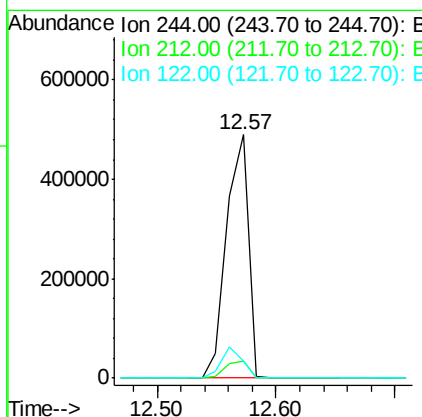
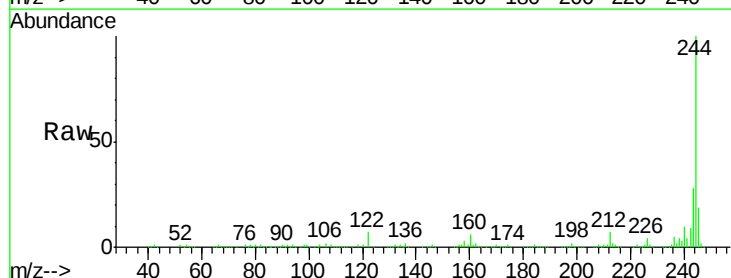
Instrument :
 BNA_F
 ClientSampleId :

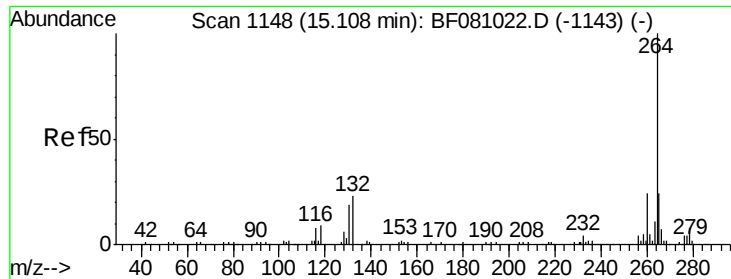
Tot Ion:240 Resp: 184214
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.6 8.4#
 236 26.3 20.6 30.8



#78
 Terphenyl-d14
 Concen: 72.84 ng
 RT: 12.57 min Scan# 948
 Delta R.T. -0.06 min
 Lab File: BF081277.D
 Acq: 29 Aug 2015 18:22

Tgt Ion:244 Resp: 625892
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 7.1 8.2 12.4#

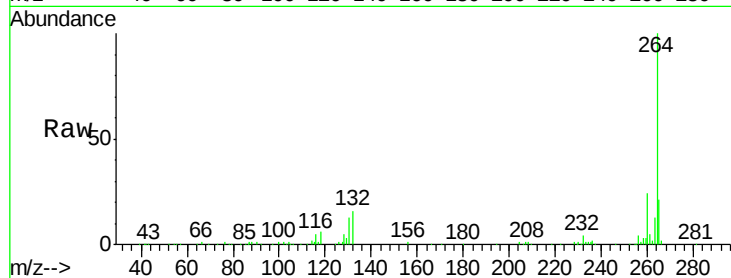




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081277.D
 Acq: 29 Aug 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

