

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081217.D
 Acq On : 26 Aug 2015 17:41
 Operator : UM/IZ
 Sample : PB85190BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:38:47 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

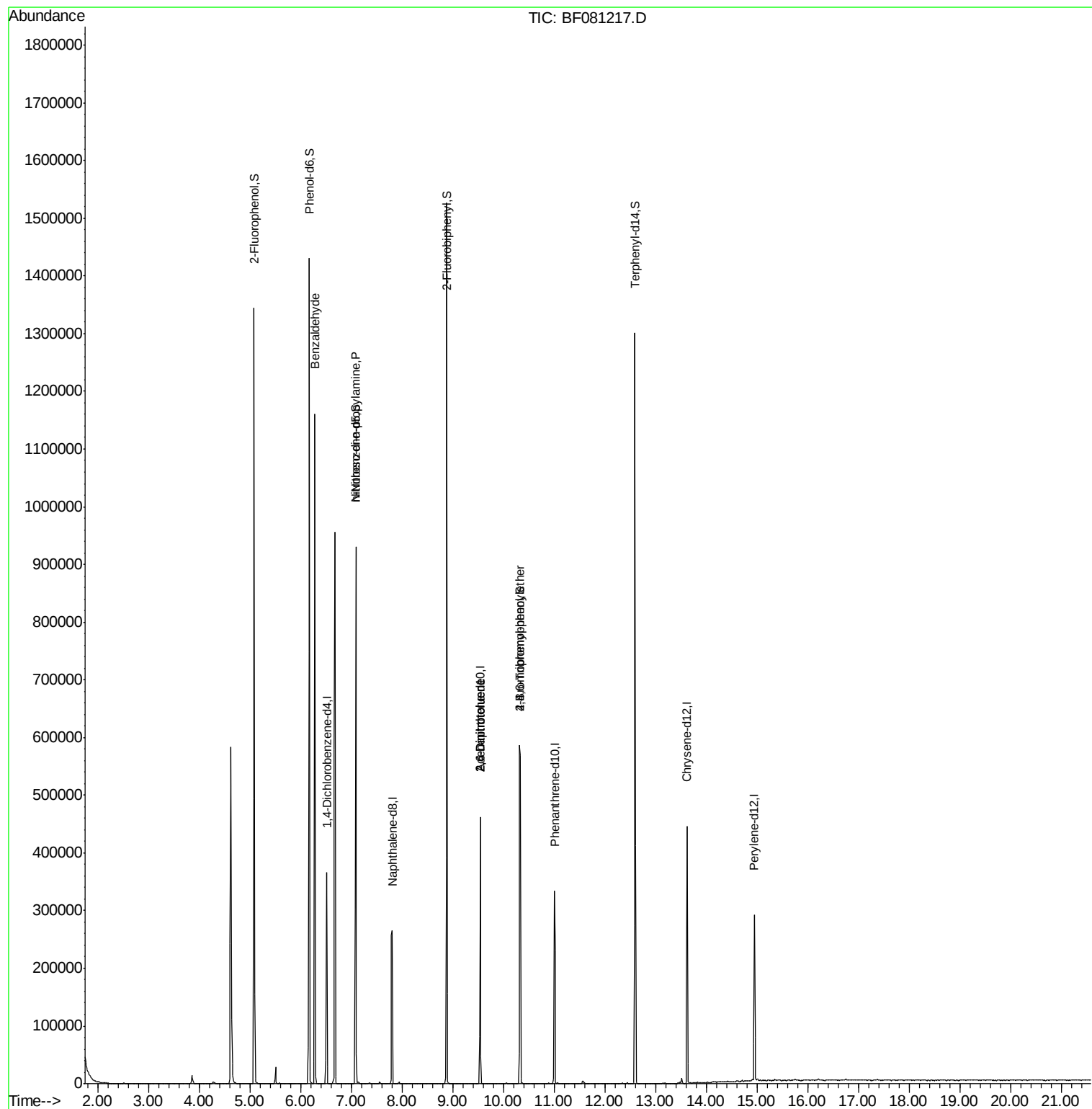
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	47556	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	177680	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	84558	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	160356	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	146219	20.00	ng	-0.04
86) Perylene-d12	14.95	264	108681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	344882	109.08	ng	-0.01
7) Phenol-d6	6.17	99	522972	126.77	ng	-0.02
23) Nitrobenzene-d5	7.09	82	297846	76.58	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	89731	122.42	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	465465	72.13	ng	-0.02
78) Terphenyl-d14	12.59	244	441787	64.77	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.29	77	9709	3.65	ng	89
19) n-Nitroso-di-n-propylamine	7.09	70	39132	13.69	ng	# 71
50) 2,6-Dinitrotoluene	9.54	165	11042	7.39	ng	# 20
56) 2,4-Dinitrotoluene	9.54	165	11042	5.57	ng	# 16
66) 4-Bromophenyl-phenylether	10.33	248	6372	4.04	ng	# 1

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

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QLast Update : Mon Aug 24 13:58:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

Instrument :

BNA_F

ClientSampleId :

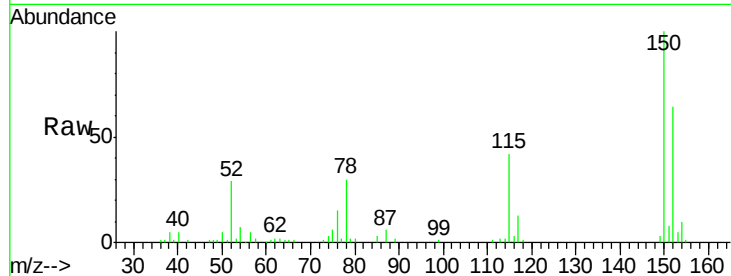
Tot Ion:152 Resp: 47556

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

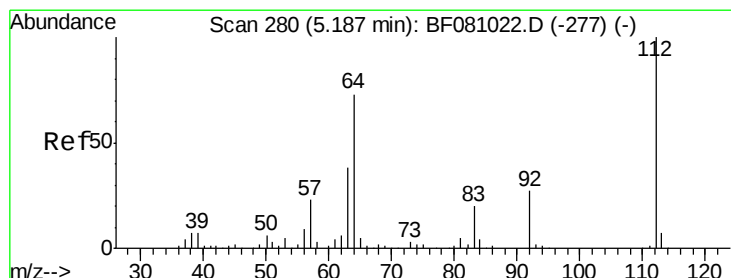
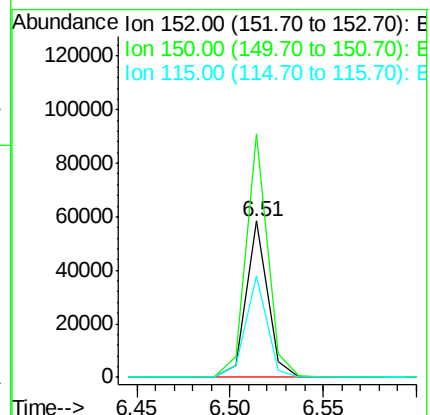
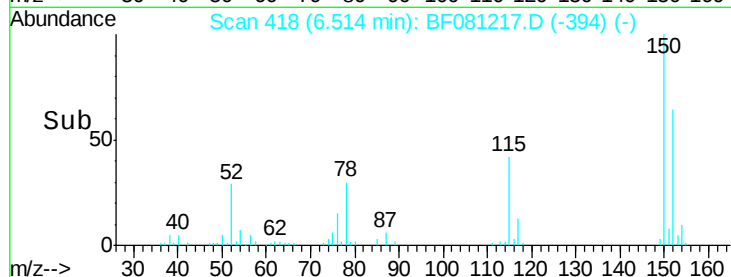
115 64.8 52.1 78.1



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: 109.08 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

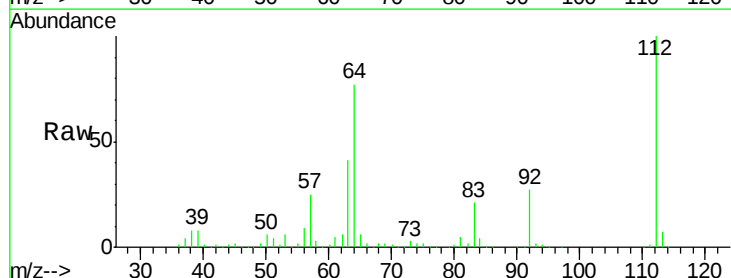
Tgt Ion:112 Resp: 344882

Ion Ratio Lower Upper

112 100

64 77.0 66.9 100.3

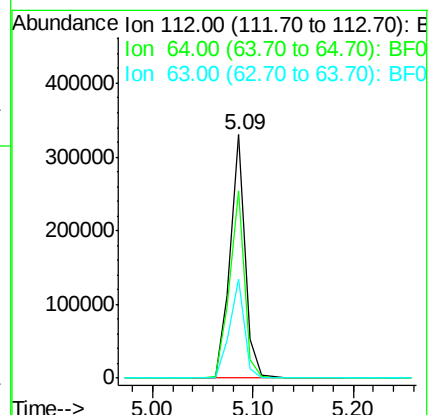
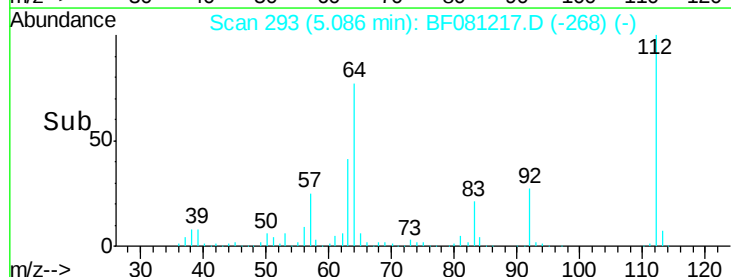
63 40.5 38.1 57.1



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: 126.77 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

Instrument :

BNA_F

ClientSampleId :

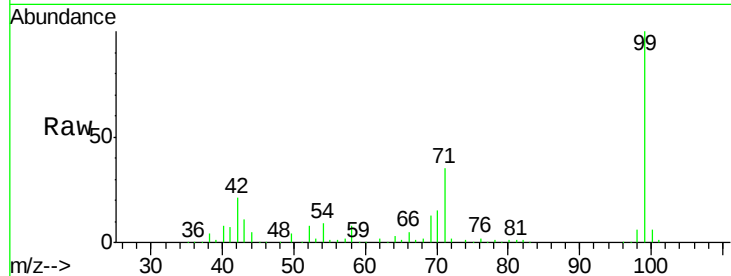
Tot Ion: 99 Resp: 522972

Ion Ratio Lower Upper

99 100

42 21.0 19.6 29.4

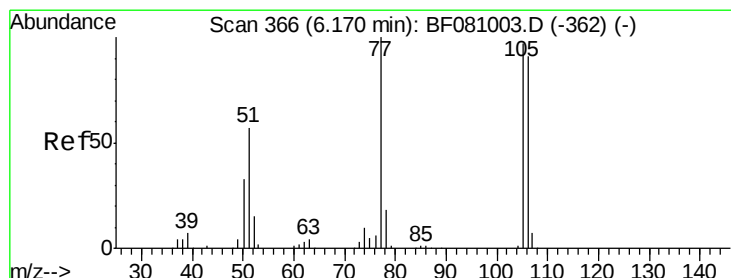
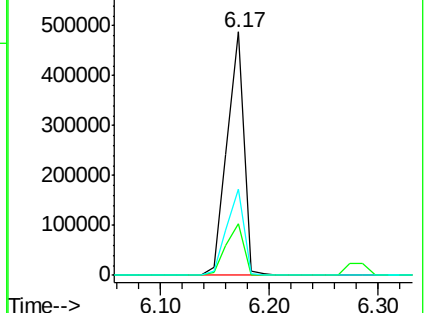
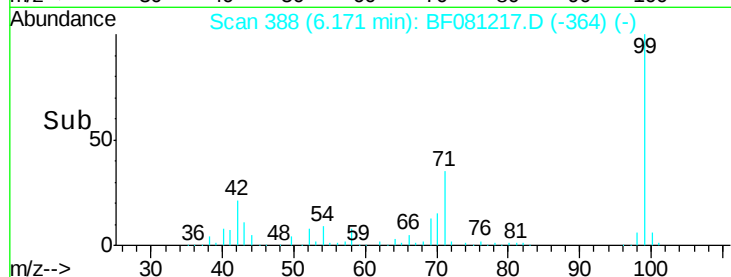
71 35.4 31.2 46.8



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: 3.65 ng

RT: 6.29 min Scan# 398

Delta R.T. 0.20 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

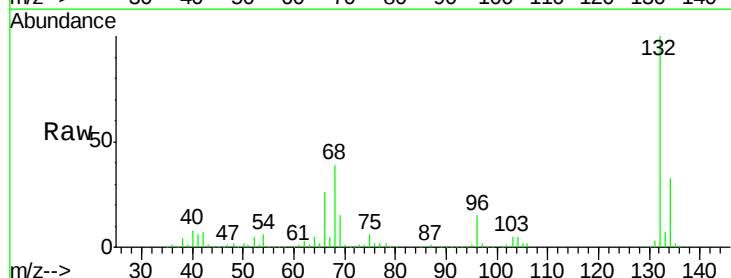
Tgt Ion: 77 Resp: 9709

Ion Ratio Lower Upper

77 100

105 82.0 69.6 109.6

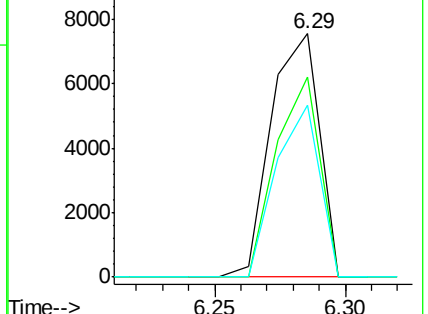
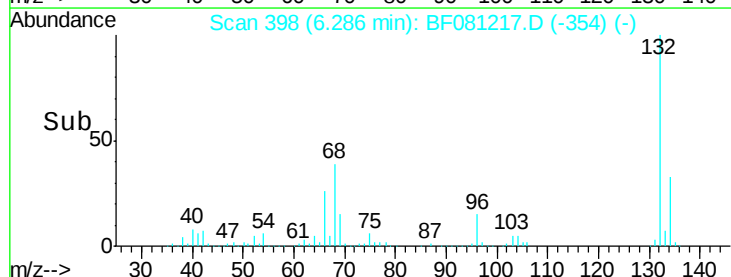
106 70.8 64.0 104.0

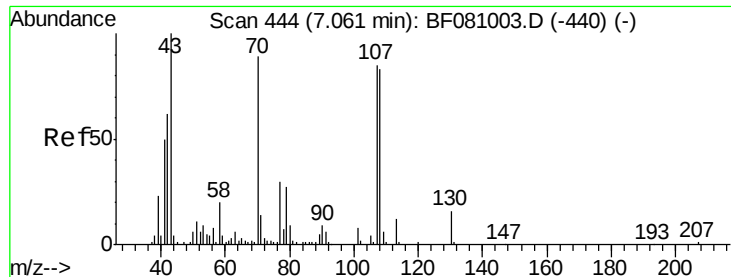


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

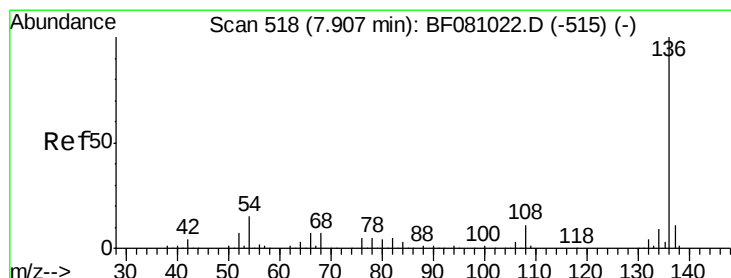
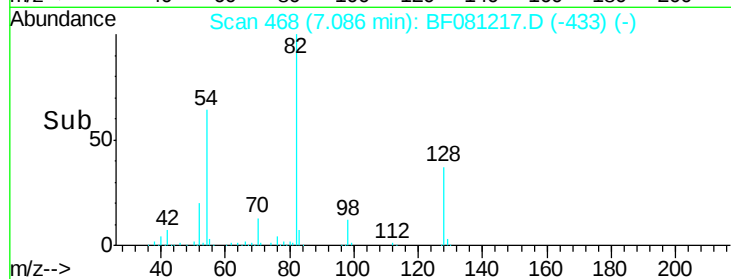
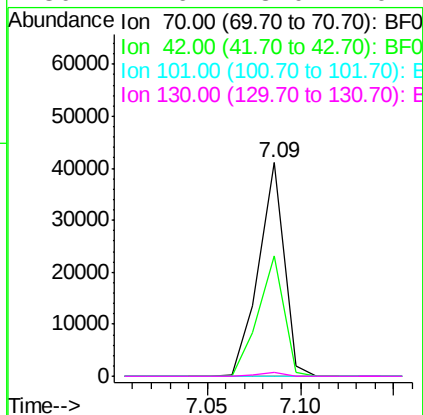
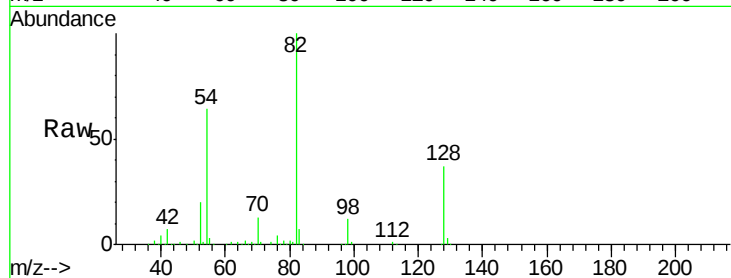




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 7.09 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

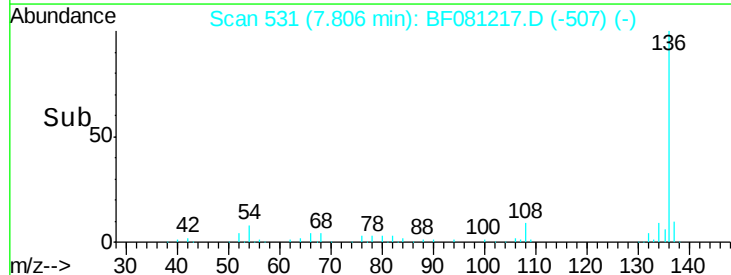
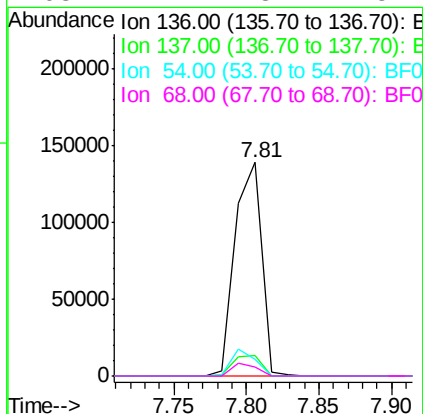
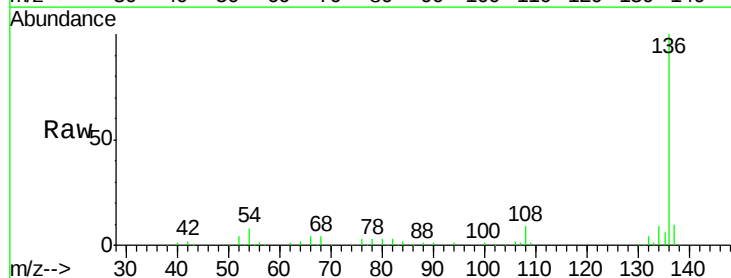
Instrument :
BNA_F
ClientSampleId :

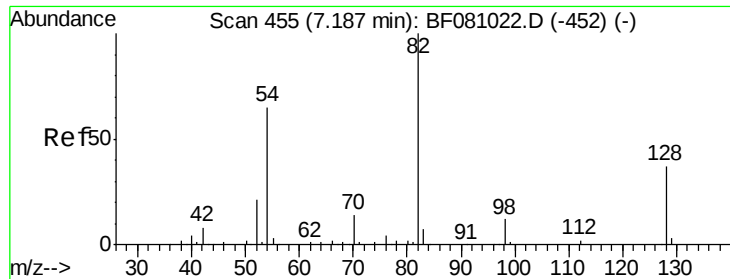
Tot Ion: 70 Resp: 39132
Ion Ratio Lower Upper
70 100
42 56.2 65.0 97.4#
101 0.0 7.4 11.2#
130 1.6 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion: 136 Resp: 177680
Ion Ratio Lower Upper
136 100
137 9.8 8.2 12.2
54 8.0 7.7 11.5
68 4.4 3.4 5.2

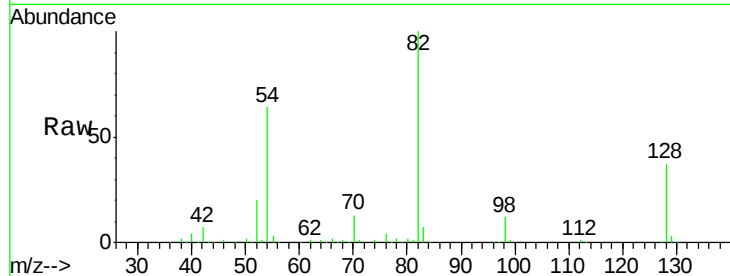




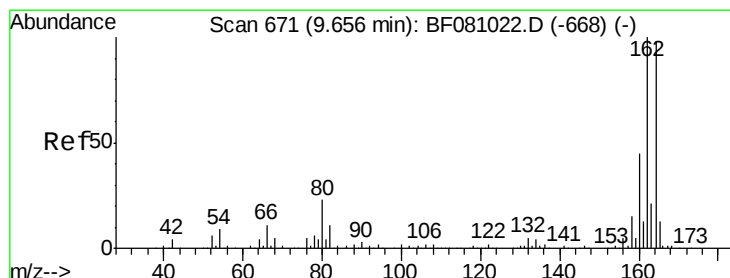
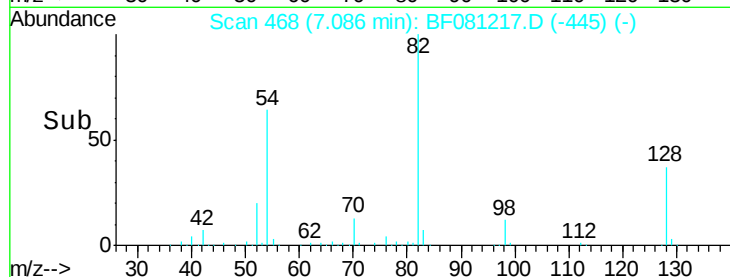
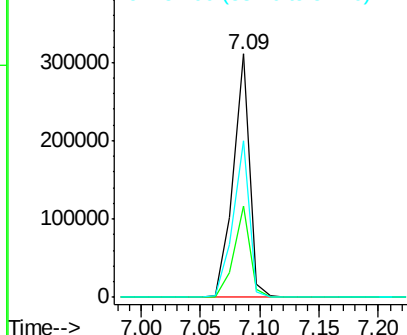
#23
Nitrobenzene-d5
Concen: 76.58 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 297846
Ion Ratio Lower Upper
82 100
128 37.3 28.6 42.8
54 64.5 55.1 82.7

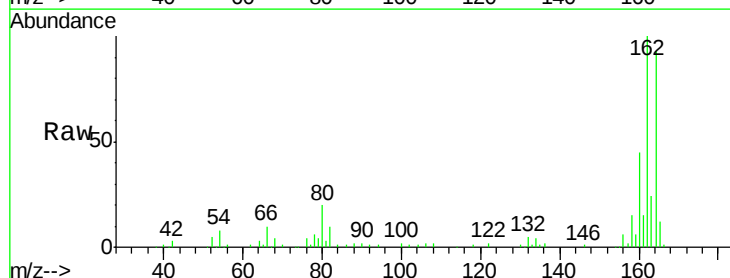


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

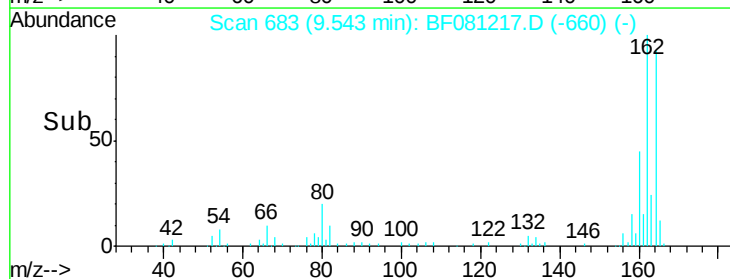
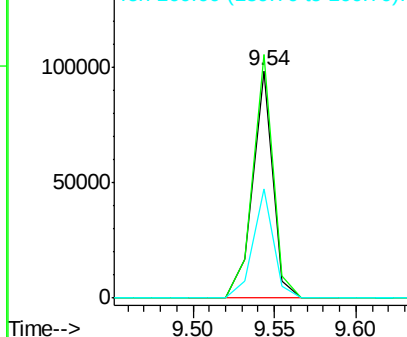


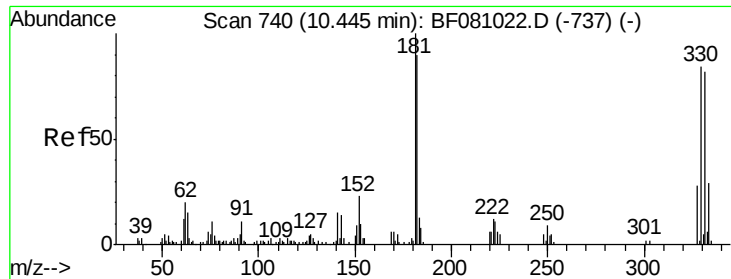
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Tgt Ion: 164 Resp: 84558
Ion Ratio Lower Upper
164 100
162 107.1 83.8 125.8
160 48.0 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 122.42 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :

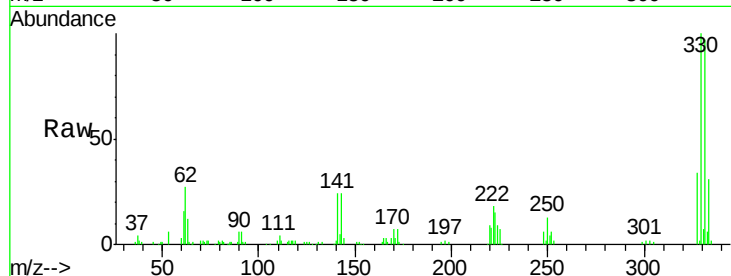
Tot Ion:330 Resp: 89731

Ion Ratio Lower Upper

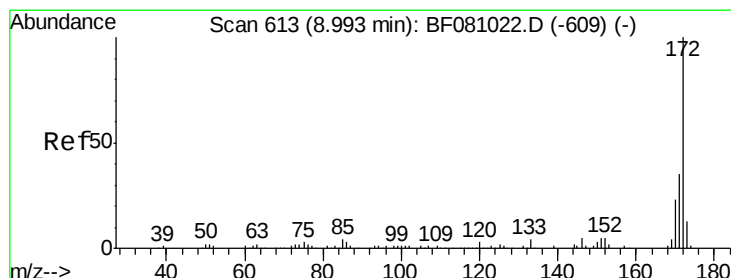
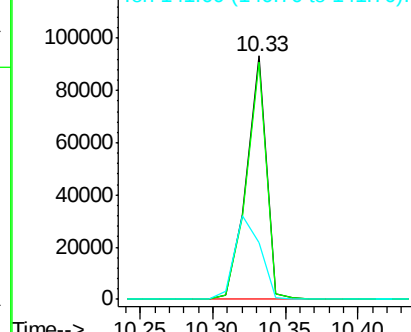
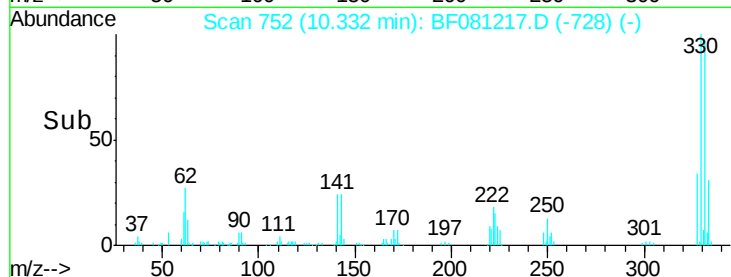
330 100

332 96.9 77.3 115.9

141 43.9 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: 72.13 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

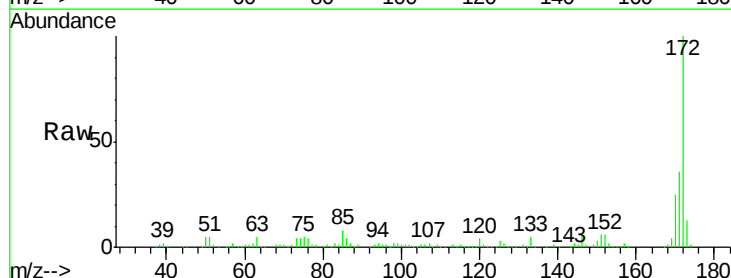
Tgt Ion:172 Resp: 465465

Ion Ratio Lower Upper

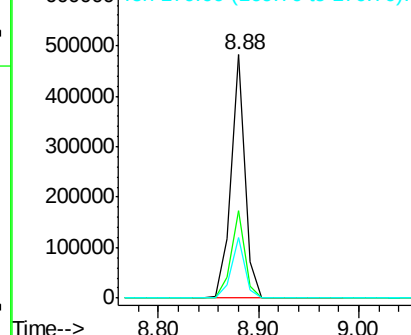
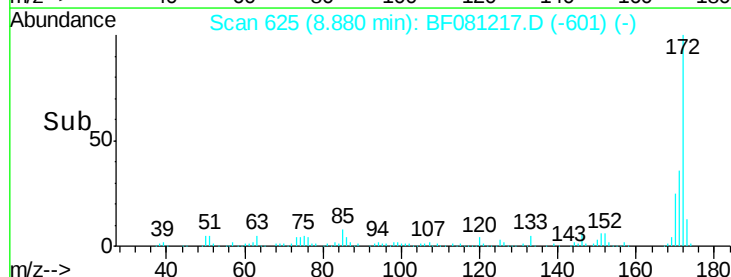
172 100

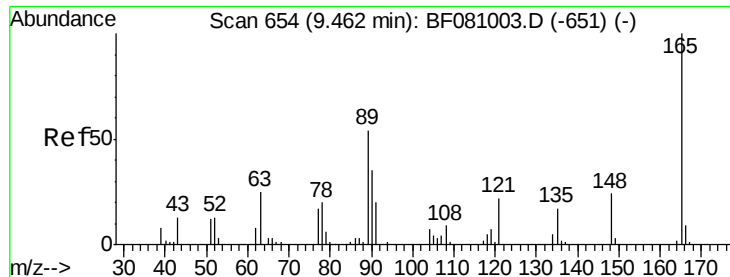
171 35.9 28.9 43.3

170 24.8 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

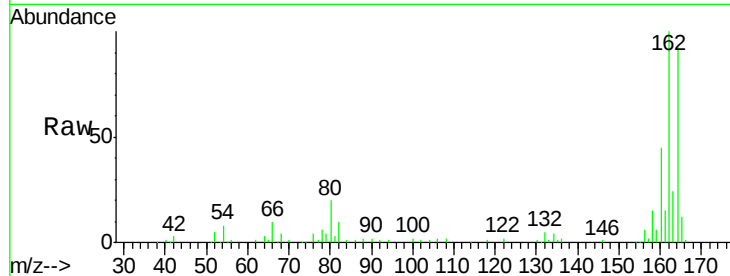




#50
 2,6-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.54 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF081217.D
 Acq: 26 Aug 2015 17:41

Instrument :
 BNA_F
 ClientSampleId :

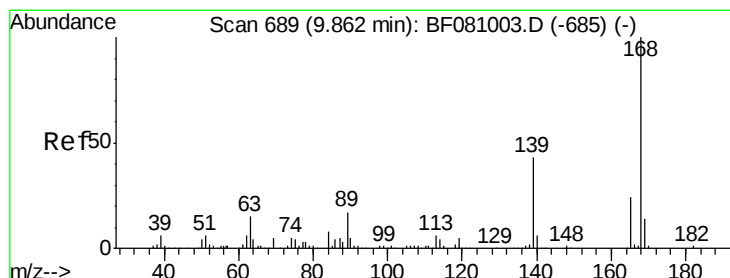
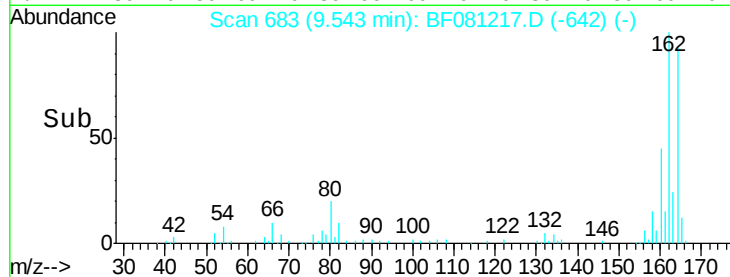
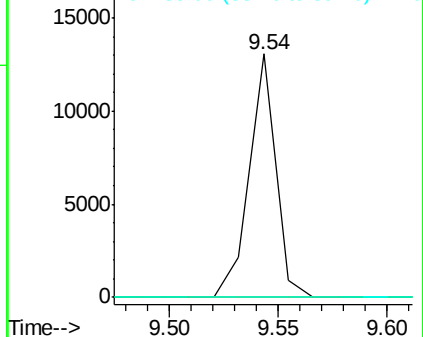
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF081217.D
 Acq: 26 Aug 2015 17:41

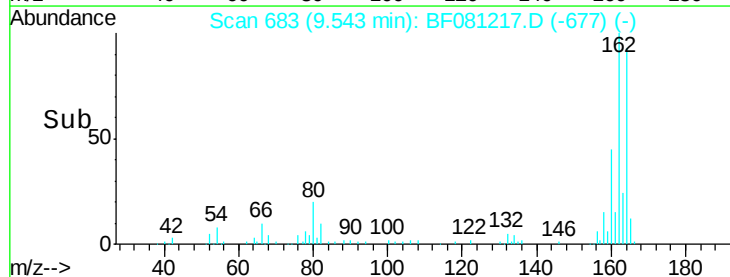
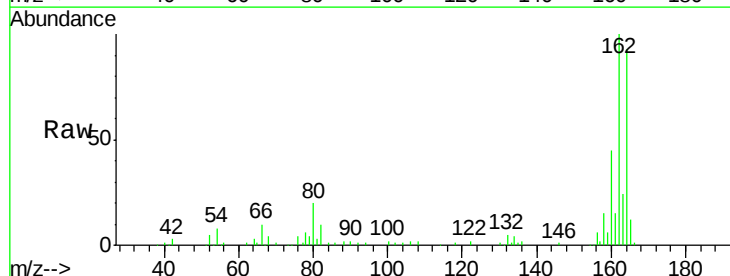
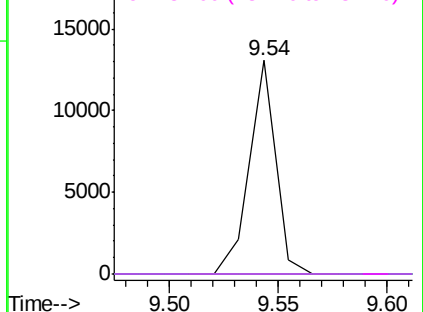
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

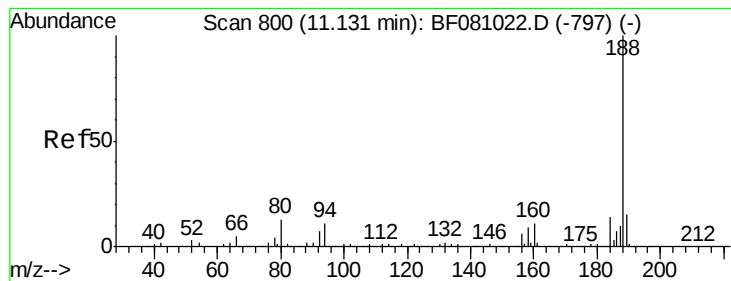
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.01 min Scan# 811

Delta R.T. -0.04 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

Instrument :

BNA_F

ClientSampleId :

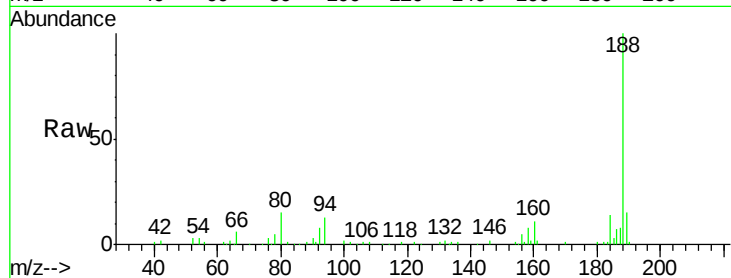
Tot Ion:188 Resp: 160356

Ion Ratio Lower Upper

188 100

94 13.4 8.2 12.2#

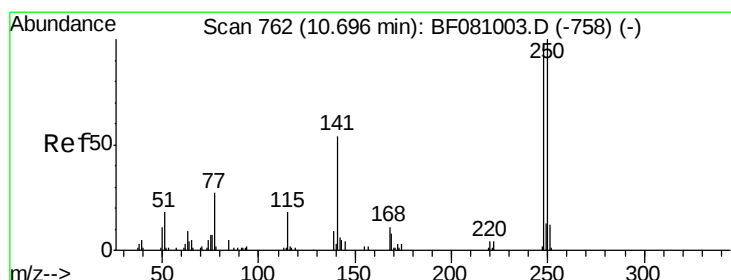
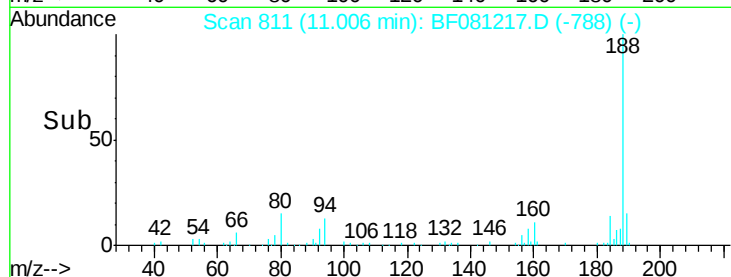
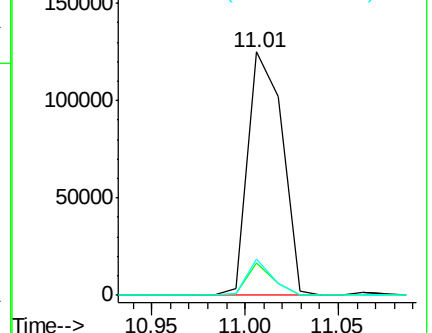
80 15.0 9.5 14.3#



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: 4.04 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.26 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

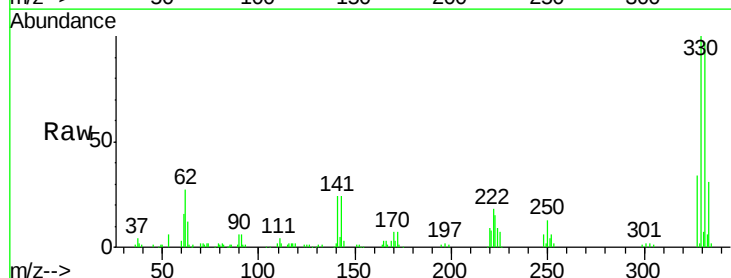
Tgt Ion:248 Resp: 6372

Ion Ratio Lower Upper

248 100

250 199.3 77.8 116.6#

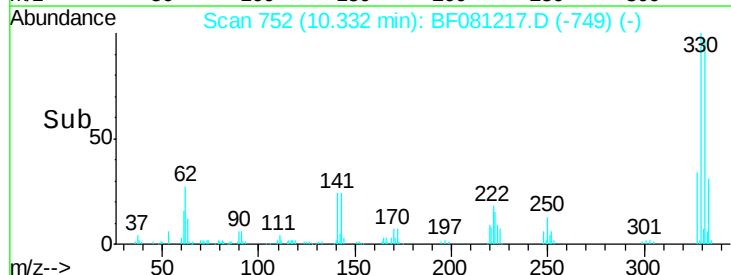
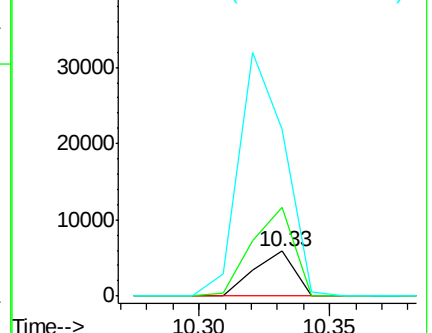
141 373.5 39.8 59.6#

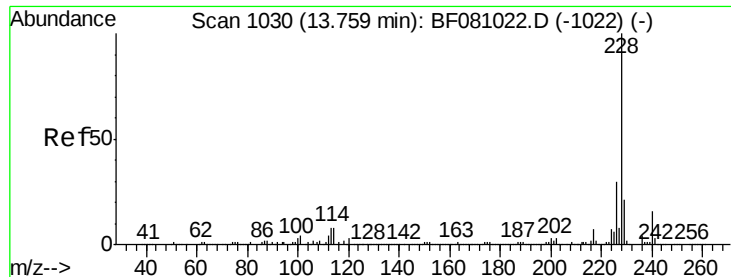


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

Instrument :

BNA_F

ClientSampleId :

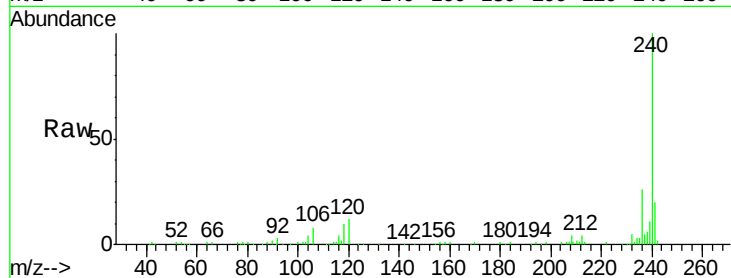
Tot Ion:240 Resp: 146219

Ion Ratio Lower Upper

240 100

120 11.5 5.6 8.4#

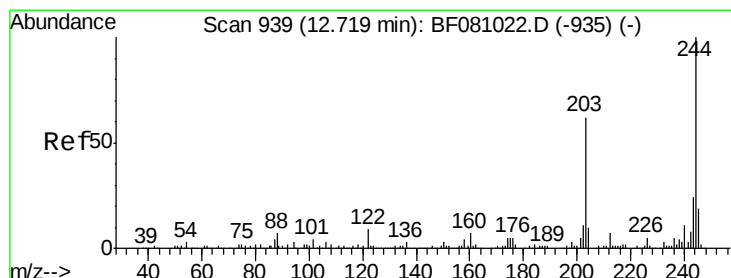
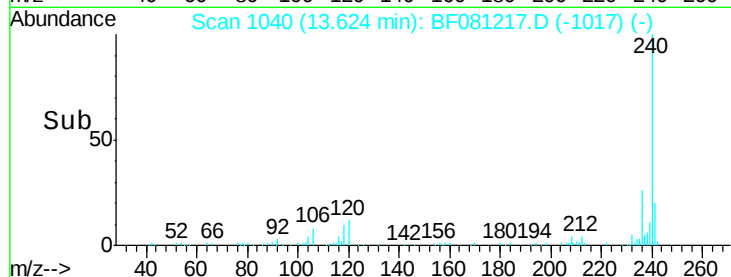
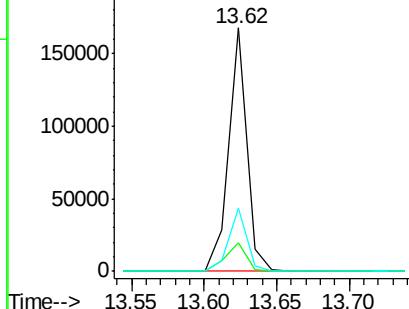
236 26.1 20.6 30.8



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: 64.77 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081217.D

Acq: 26 Aug 2015 17:41

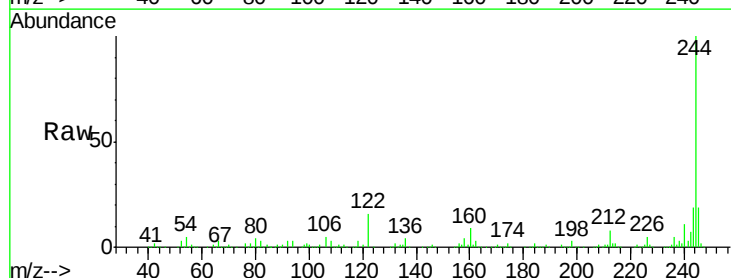
Tgt Ion:244 Resp: 441787

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

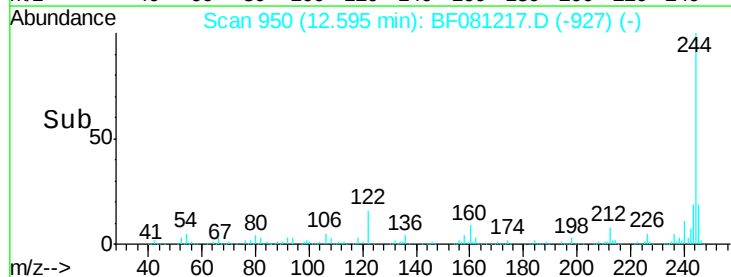
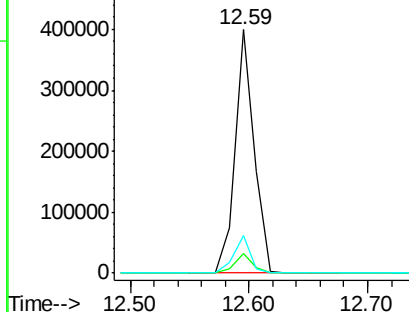
122 15.6 8.2 12.4#

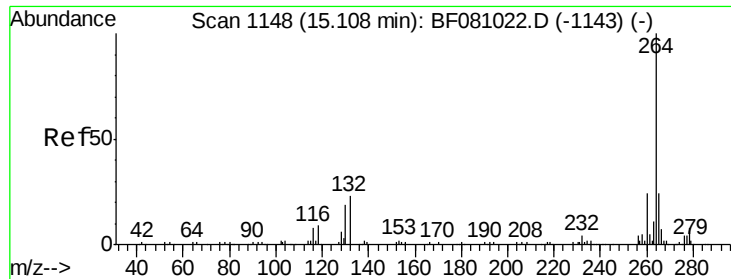


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

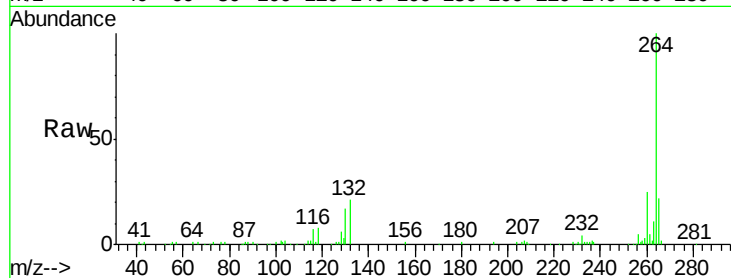




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BF081217.D
Acq: 26 Aug 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.0	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

