

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081219.D
 Acq On : 26 Aug 2015 18:43
 Operator : UM/IZ
 Sample : PB85190TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:39:16 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

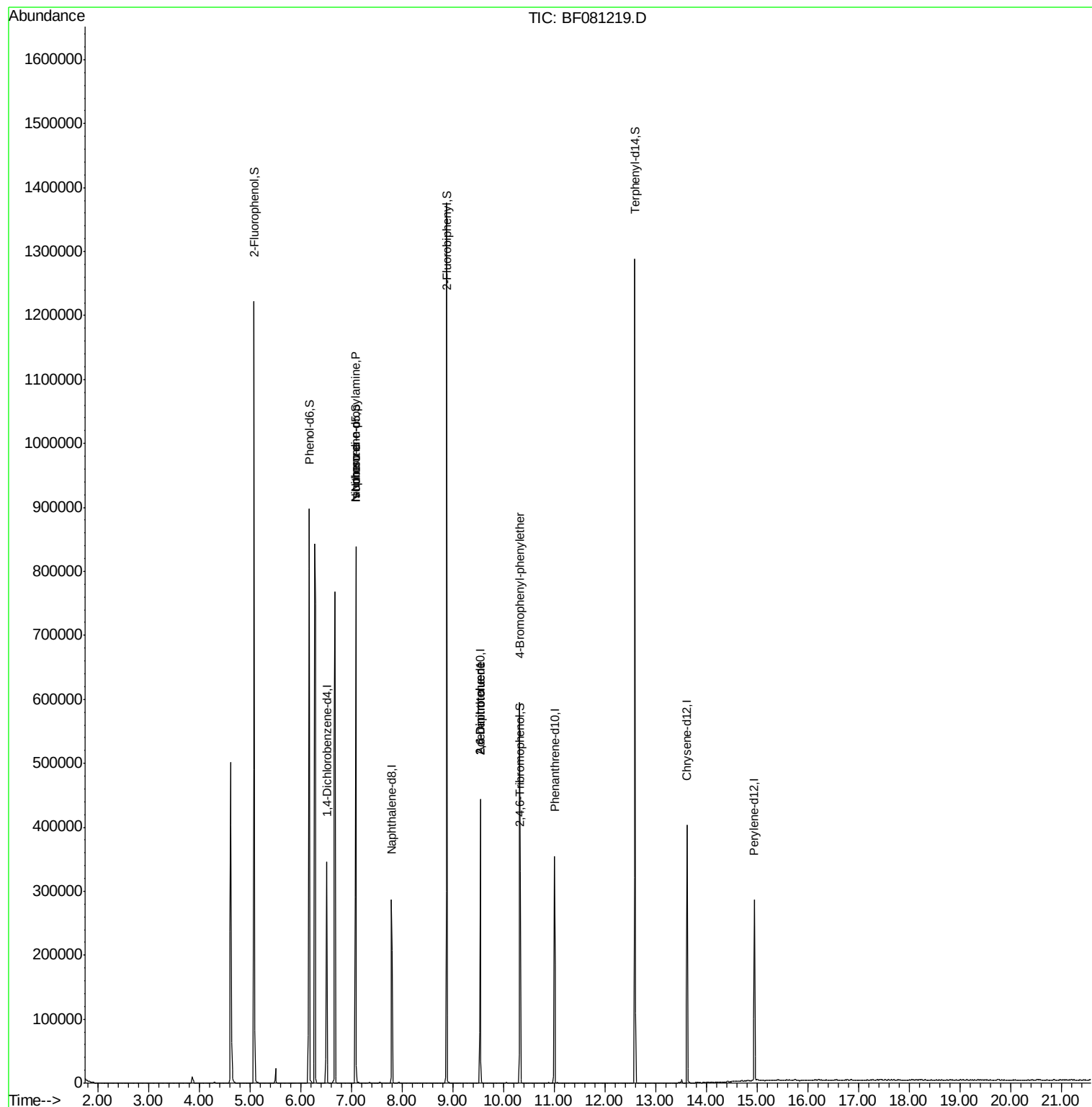
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	45059	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	168043	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	80936	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	153558	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	143077	20.00	ng	-0.04
86) Perylene-d12	14.95	264	107334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	315513	105.32	ng	-0.01
7) Phenol-d6	6.17	99	434683	111.21	ng	-0.02
23) Nitrobenzene-d5	7.09	82	271585	73.83	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	72658	103.56	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	403346	65.30	ng	-0.02
78) Terphenyl-d14	12.59	244	373300	55.93	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.09	70	35793	13.22	ng	# 68
25) Isophorone	7.09	82	203661	29.69	ng	# 71
50) 2,6-Dinitrotoluene	9.54	165	10324	7.21	ng	# 20
56) 2,4-Dinitrotoluene	9.54	165	10324	5.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	4721	3.13	ng	# 1

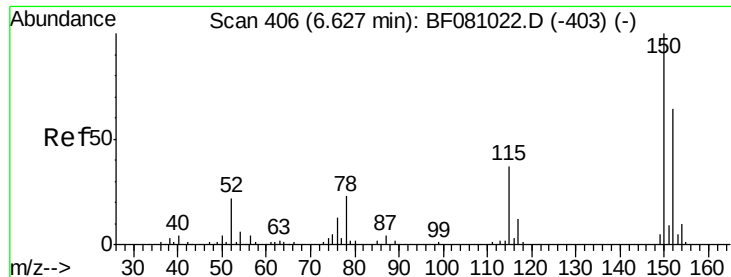
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
Data File : BF081219.D
Acq On : 26 Aug 2015 18:43
Operator : UM/IZ
Sample : PB85190TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 00:39:16 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



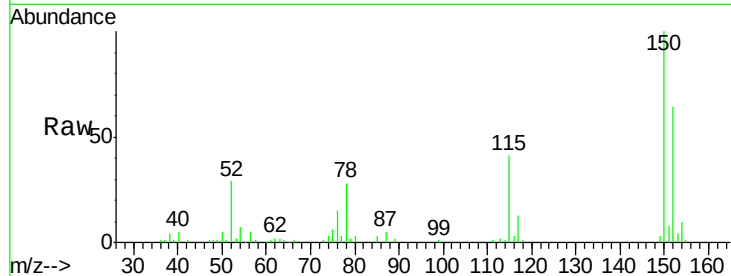


#1

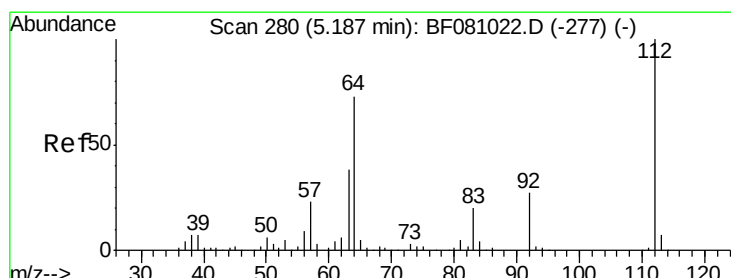
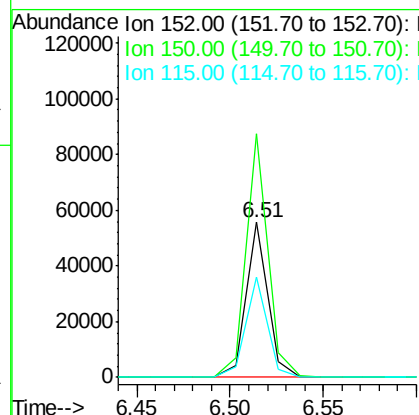
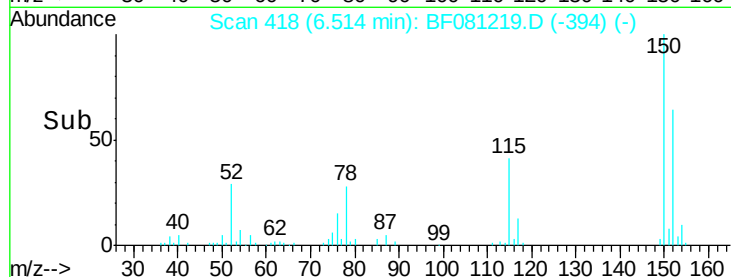
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081219.D
Acq: 26 Aug 2015 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45059
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 64.3 52.1 78.1



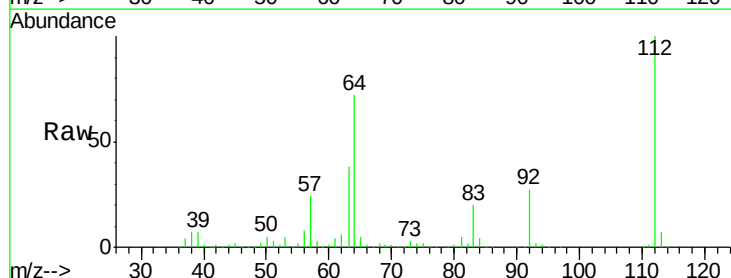
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



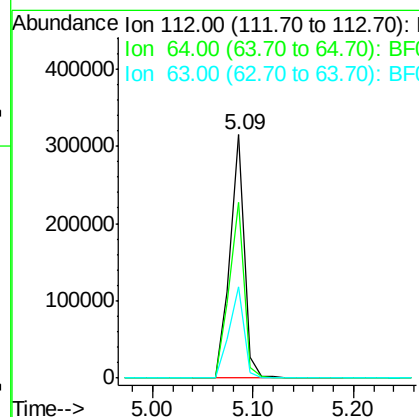
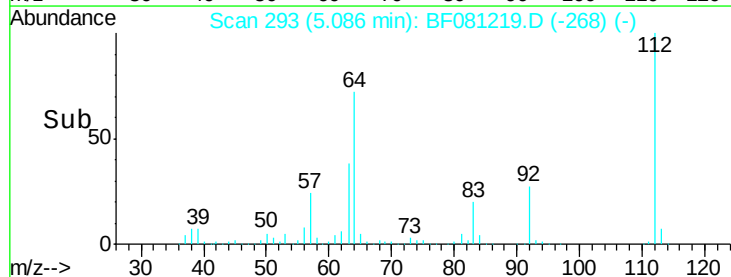
#5

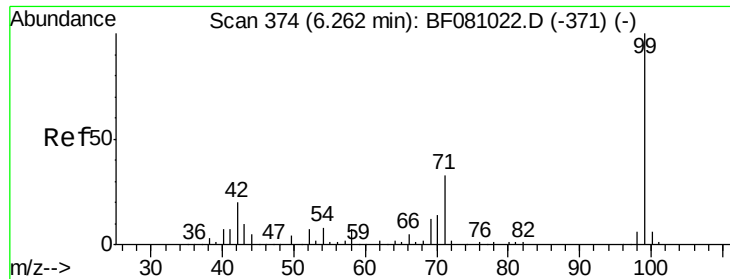
2-Fluorophenol
Concen: 105.32 ng
RT: 5.09 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF081219.D
Acq: 26 Aug 2015 18:43

Tgt Ion:112 Resp: 315513
Ion Ratio Lower Upper
112 100
64 72.4 66.9 100.3
63 37.5 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: 111.21 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

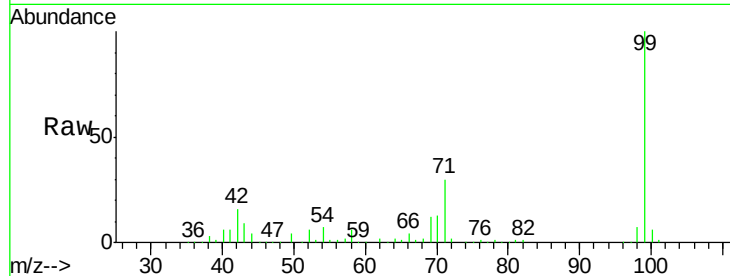
Tot Ion: 99 Resp: 434683

Ion Ratio Lower Upper

99 100

42 16.2 19.6 29.4#

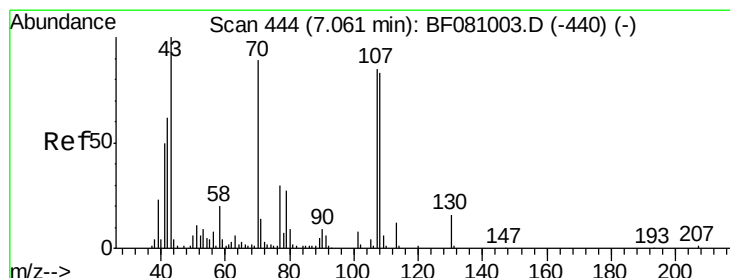
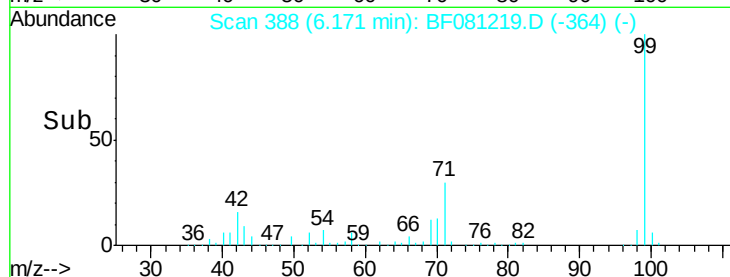
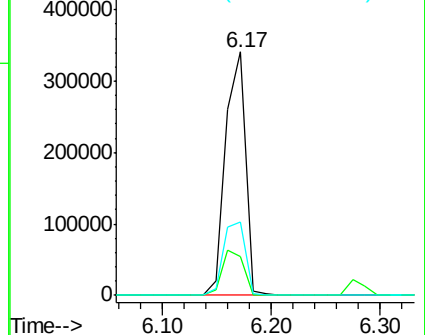
71 30.2 31.2 46.8#



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: 13.22 ng

RT: 7.09 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Tgt Ion: 70 Resp: 35793

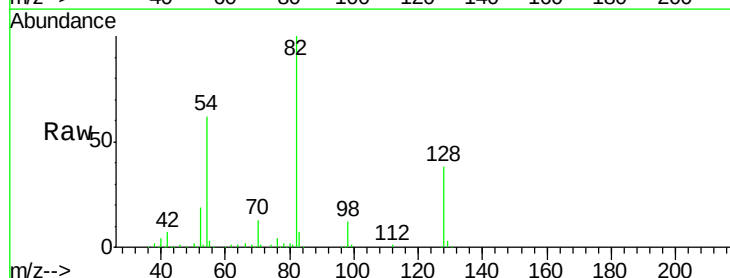
Ion Ratio Lower Upper

70 100

42 52.6 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

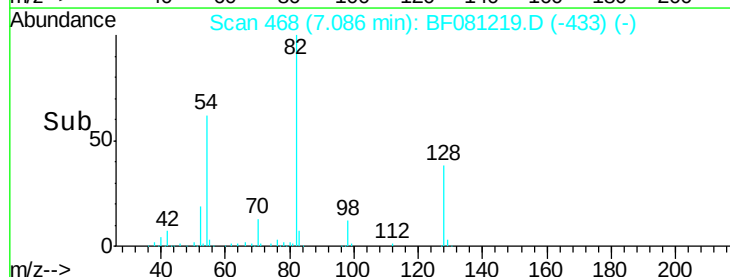
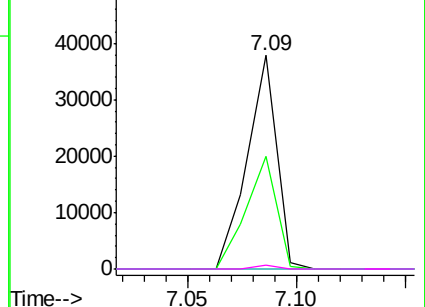


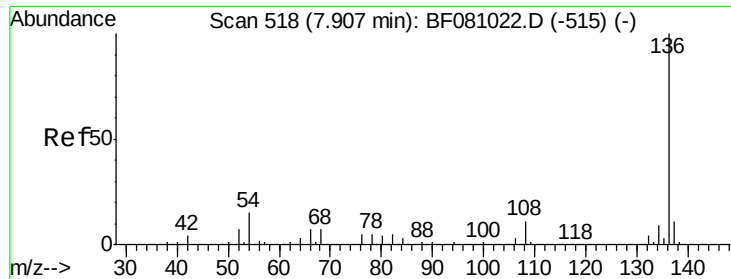
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

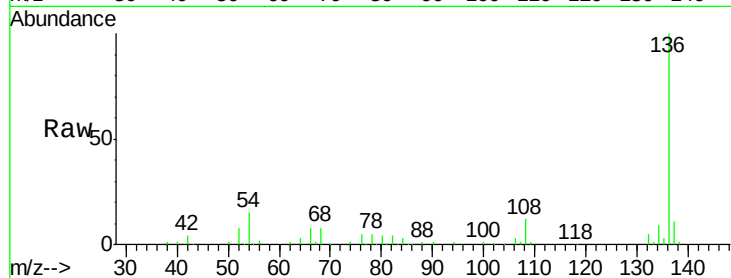




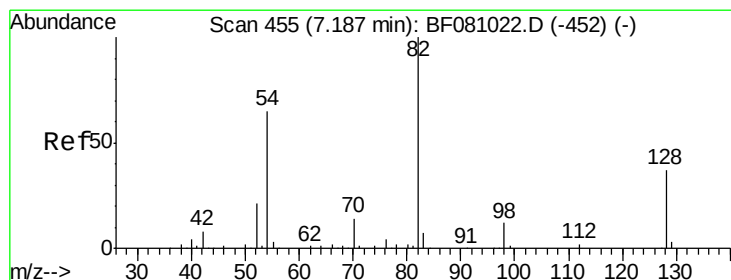
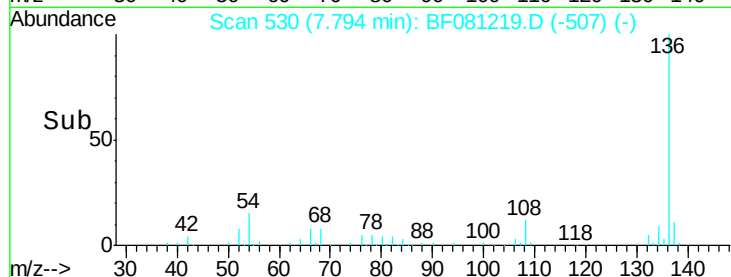
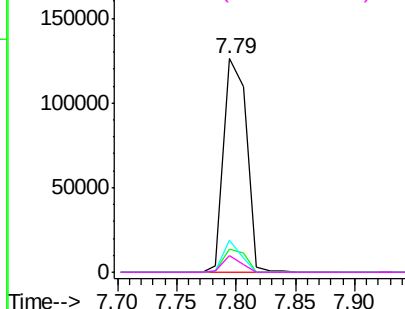
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081219.D
Acq: 26 Aug 2015 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	15.1	7.7	11.5#
68	7.8	3.4	5.2#

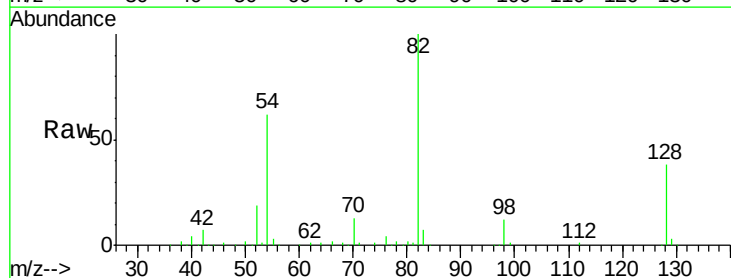


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

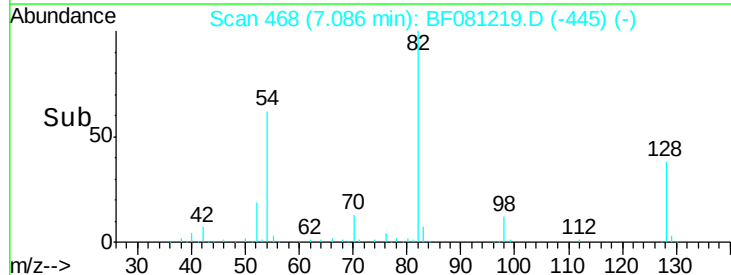
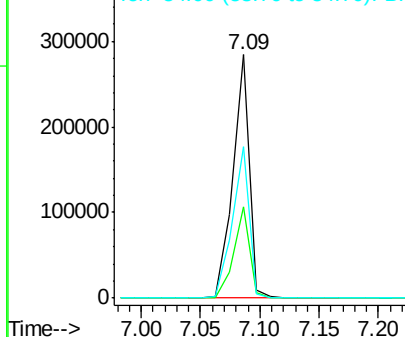


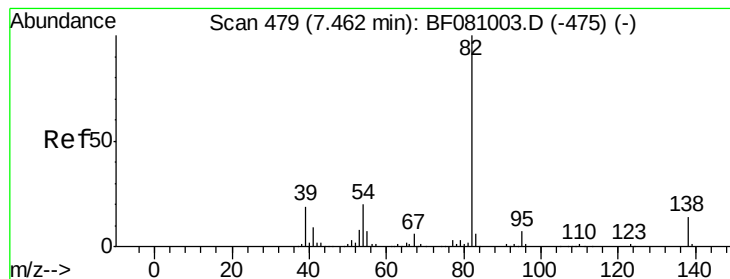
#23
Nitrobenzene-d5
Concen: 73.83 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081219.D
Acq: 26 Aug 2015 18:43

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.6	42.8
54	62.1	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





#25

Isophorone

Concen: 29.69 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampled :

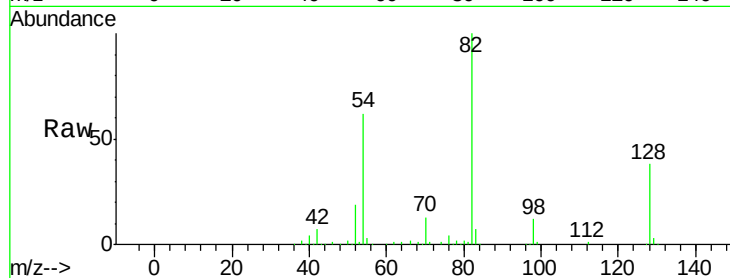
Tot Ion: 82 Resp: 203661

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

7.09

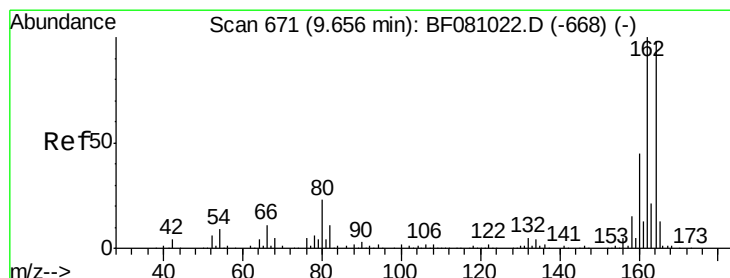
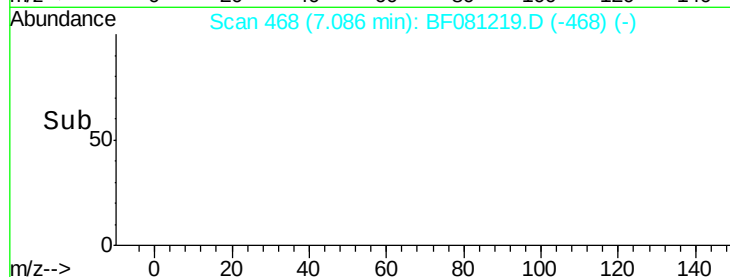
300000

200000

100000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.04 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

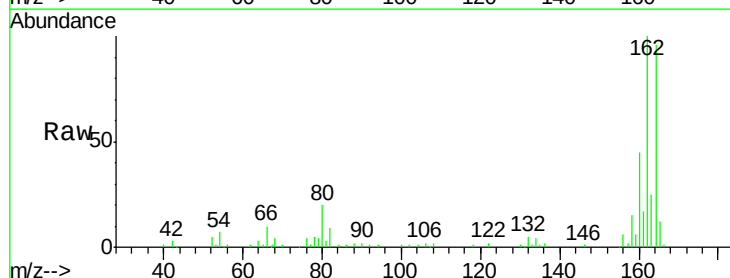
Tgt Ion: 164 Resp: 80936

Ion Ratio Lower Upper

164 100

162 104.4 83.8 125.8

160 47.1 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

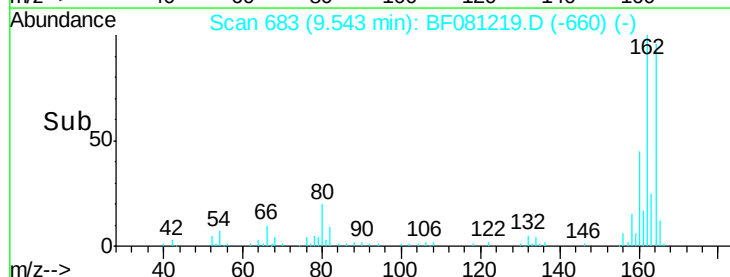
9.54

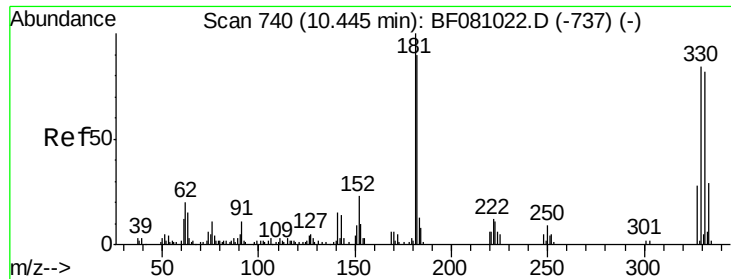
100000

50000

0

Time-->





#41

2,4,6-Tribromophenol

Concen: 103.56 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

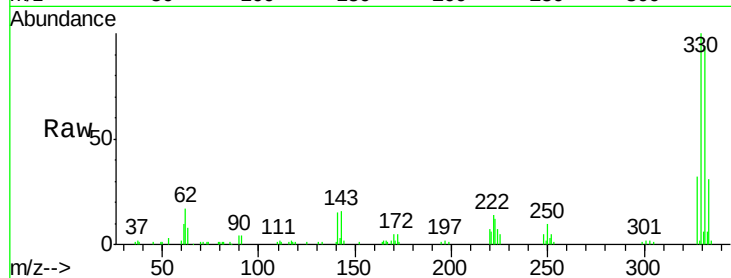
Tot Ion:330 Resp: 72658

Ion Ratio Lower Upper

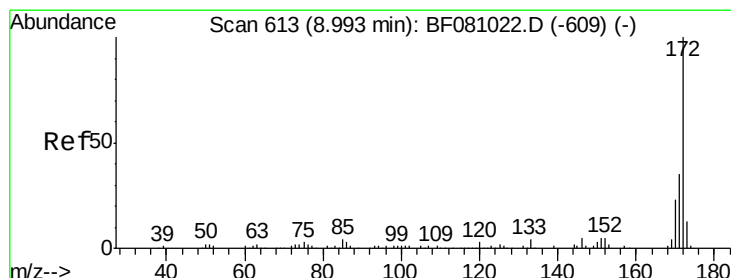
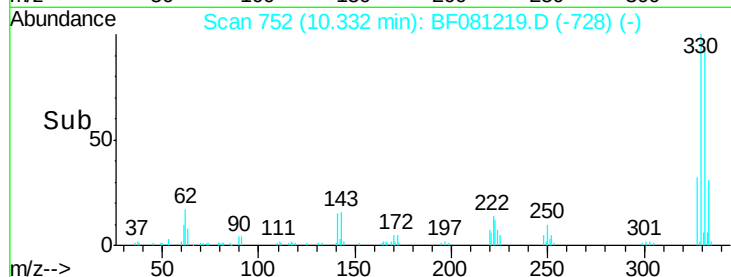
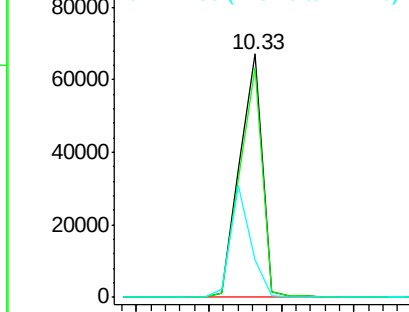
330 100

332 93.4 77.3 115.9

141 41.6 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: 65.30 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

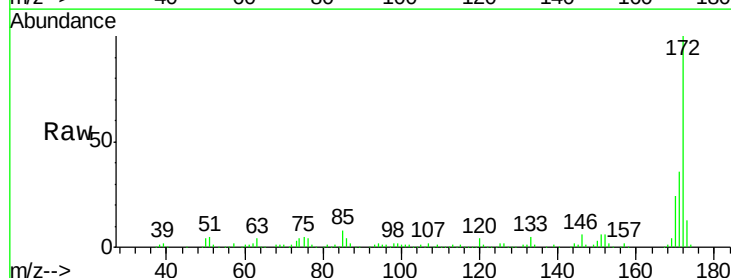
Tgt Ion:172 Resp: 403346

Ion Ratio Lower Upper

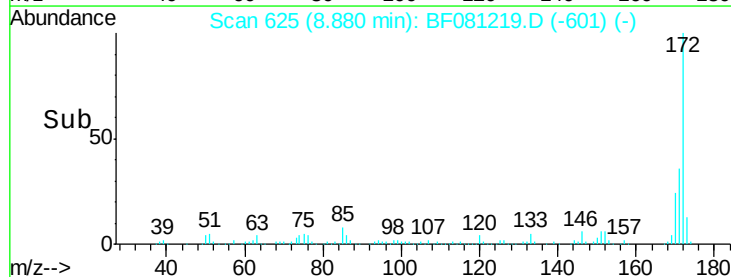
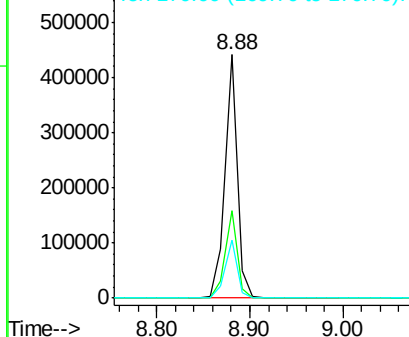
172 100

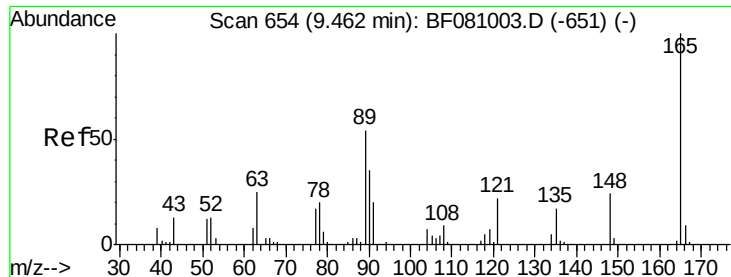
171 36.1 28.9 43.3

170 23.9 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

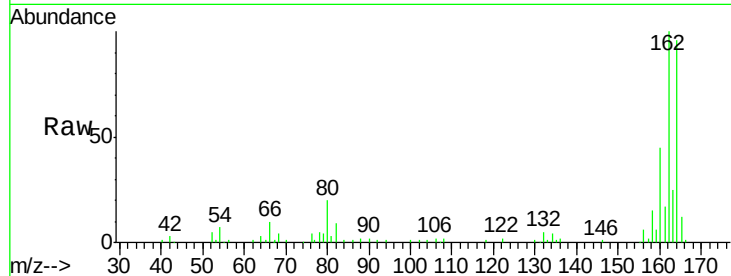




#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.54 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :

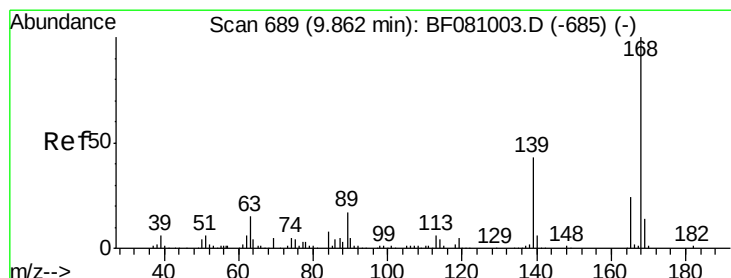
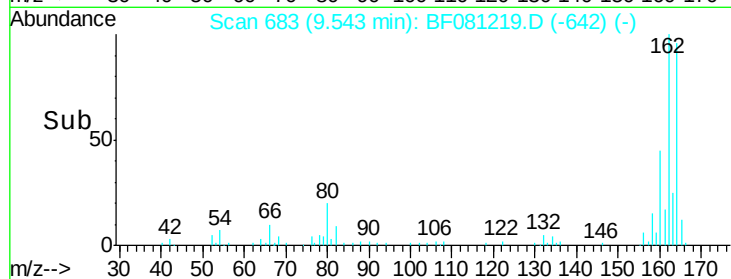
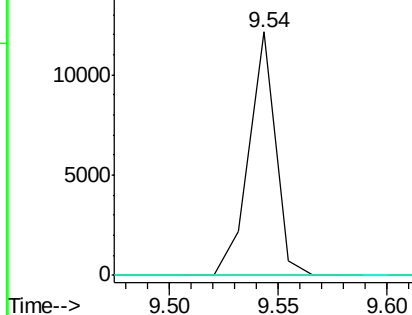
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

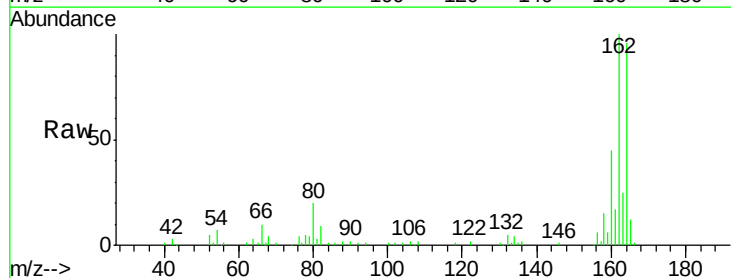
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

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#

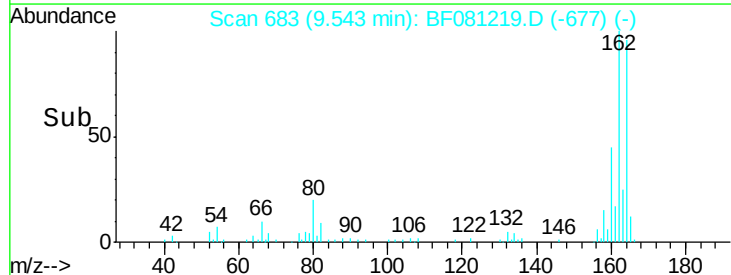
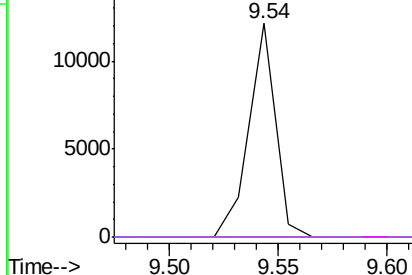


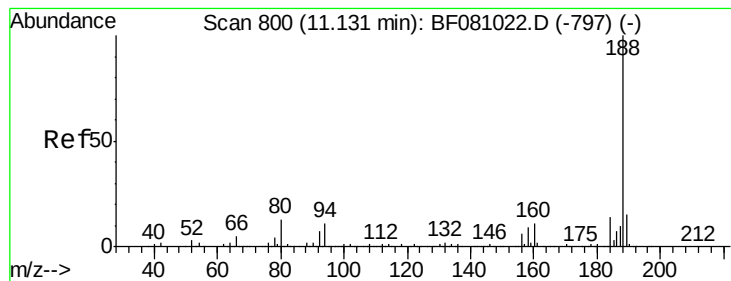
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

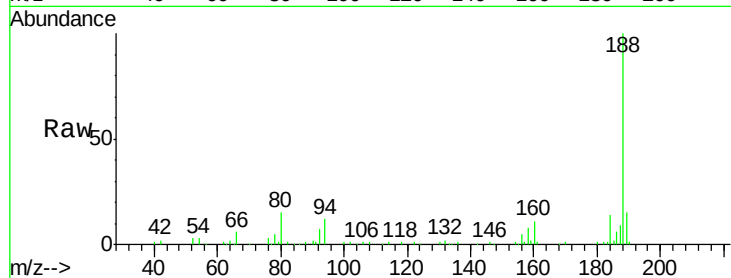
Tot Ion:188 Resp: 153558

Ion Ratio Lower Upper

188 100

94 12.2 8.2 12.2

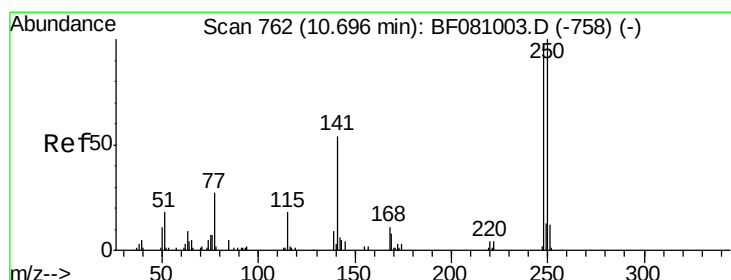
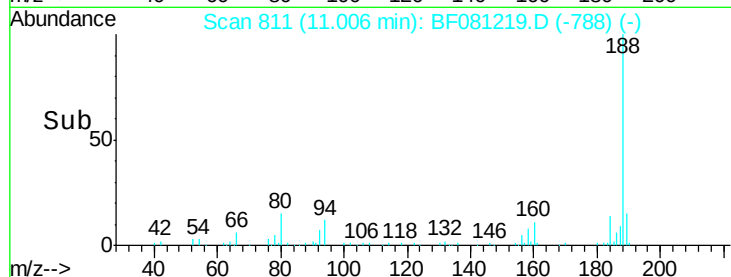
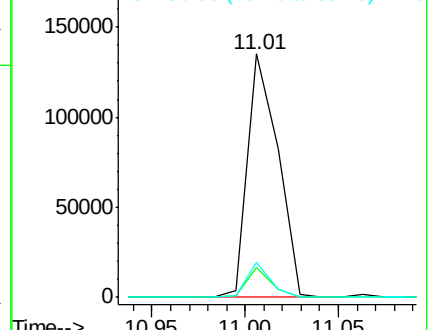
80 14.6 9.5 14.3#



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: 3.13 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.28 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

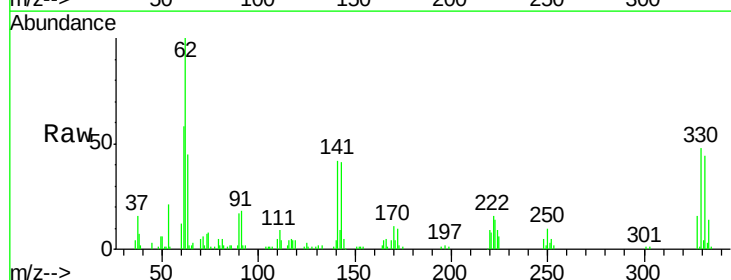
Tgt Ion:248 Resp: 4721

Ion Ratio Lower Upper

248 100

250 205.0 77.8 116.6#

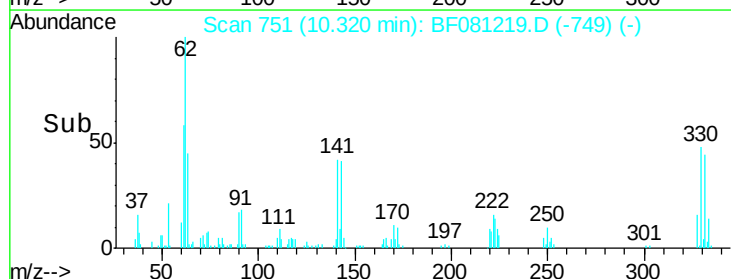
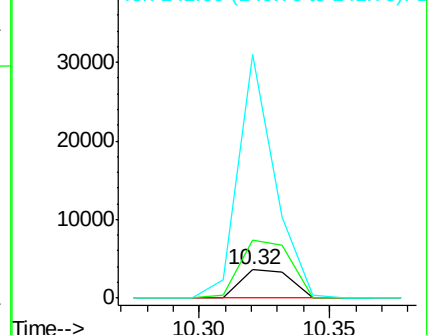
141 862.1 39.8 59.6#

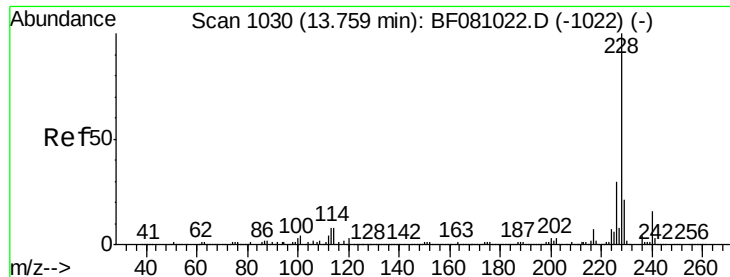


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

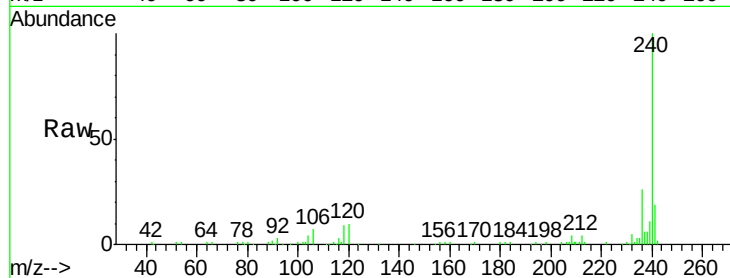
Tot Ion:240 Resp: 143077

Ion Ratio Lower Upper

240 100

120 9.6 5.6 8.4#

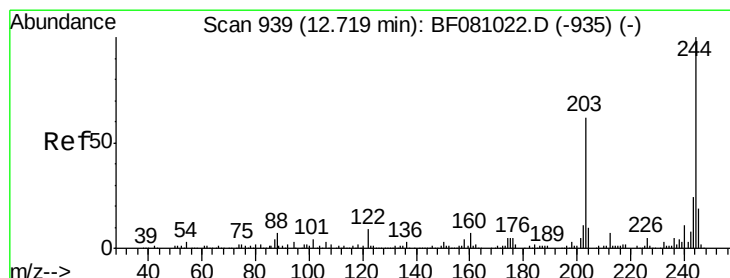
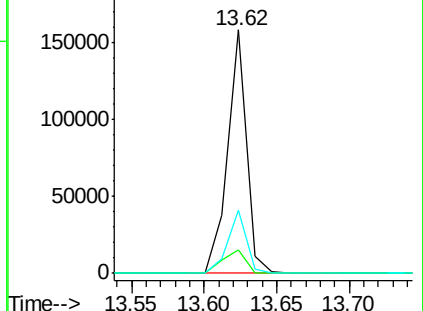
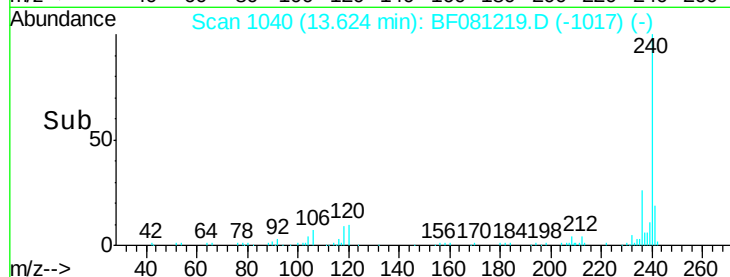
236 25.8 20.6 30.8



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: 55.93 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

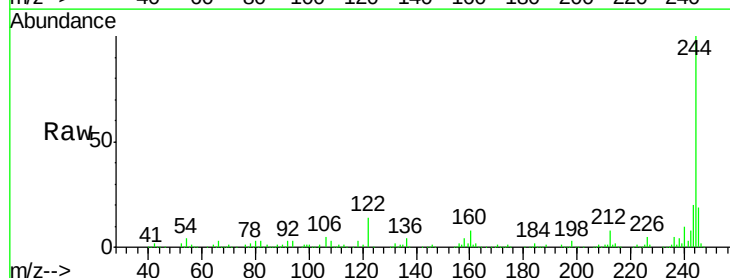
Tgt Ion:244 Resp: 373300

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

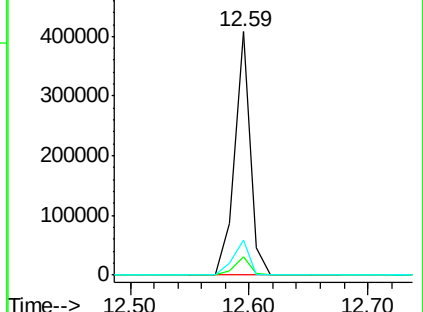
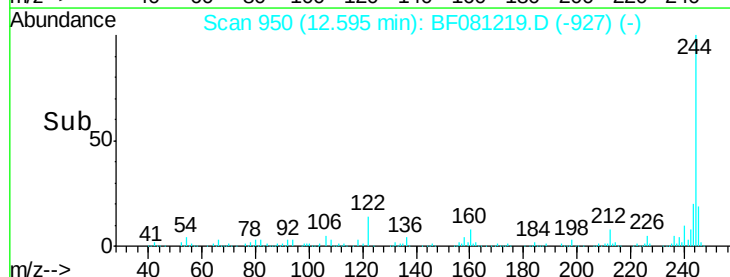
122 14.1 8.2 12.4#

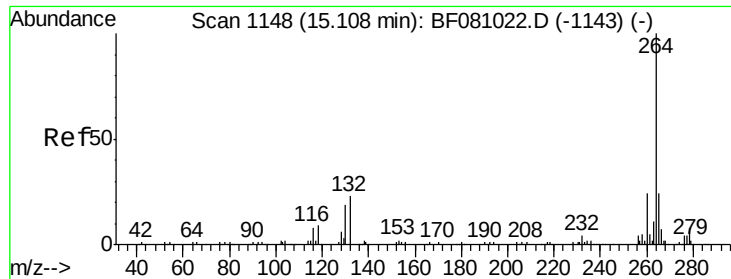


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081219.D
Acq: 26 Aug 2015 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.5	26.3

