

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081249.D
 Acq On : 27 Aug 2015 16:33
 Operator : UM/IZ
 Sample : PB85222BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:49:12 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

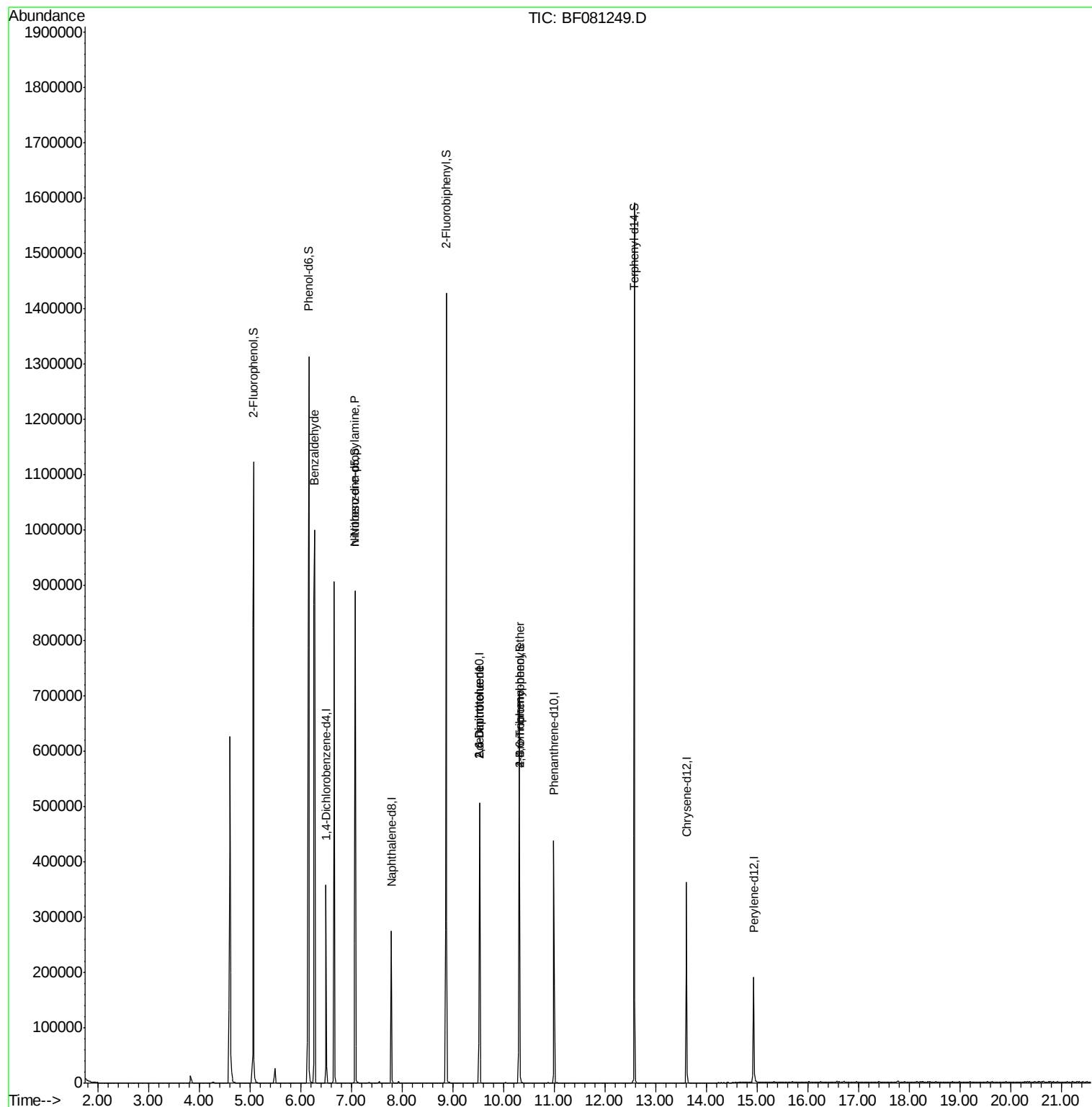
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	45604	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	174642	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	91578	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	173478	20.00	ng	-0.05
75) Chrysene-d12	13.61	240	156941	20.00	ng	-0.05
86) Perylene-d12	14.94	264	107120	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	362249	119.48	ng	-0.02
7) Phenol-d6	6.16	99	517375	130.78	ng	-0.04
23) Nitrobenzene-d5	7.07	82	278285	72.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	95721	120.58	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	455315	65.15	ng	-0.04
78) Terphenyl-d14	12.58	244	470038	64.21	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.27	77	8609	3.38	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.07	70	37507	13.69	ng	# 71
50) 2,6-Dinitrotoluene	9.53	165	11333	7.00	ng	# 20
56) 2,4-Dinitrotoluene	9.53	165	11333	5.28	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	6822	4.00	ng	# 1

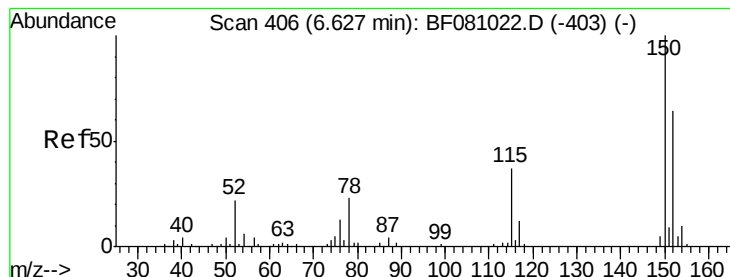
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081249\
Data File : BF081249.D
Acq On : 27 Aug 2015 16:33
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Misc :
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BNA_F
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Quant Time: Aug 27 22:49:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
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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: 6.50 min Scan# 417

Delta R.T. -0.04 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

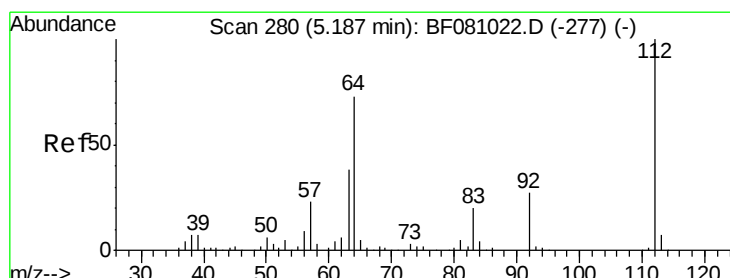
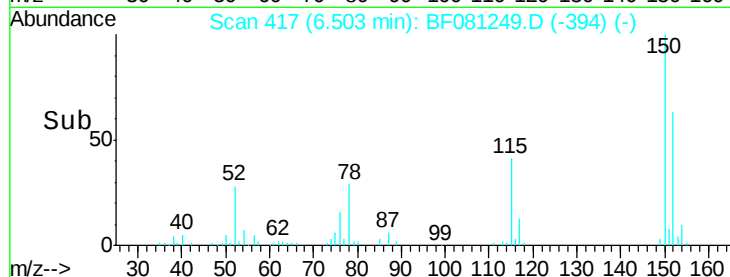
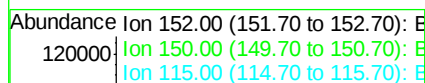
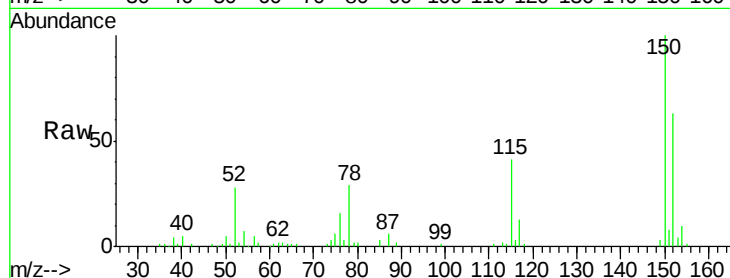
Tot Ion:152 Resp: 45604

Ion Ratio Lower Upper

152 100

150 160.0 123.8 185.6

115 65.2 52.1 78.1



#5

2-Fluorophenol

Concen: 119.48 ng

RT: 5.07 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

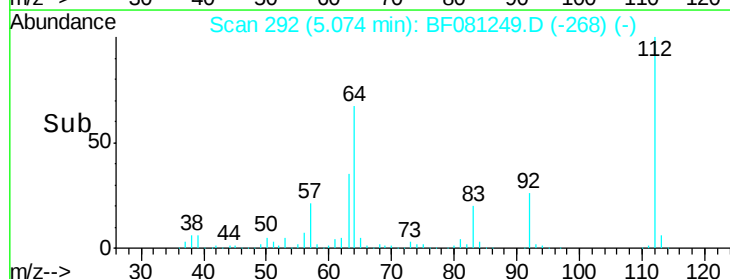
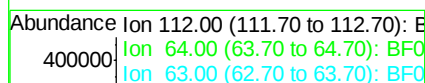
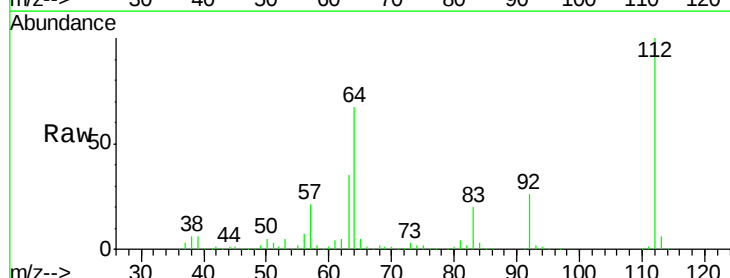
Tgt Ion:112 Resp: 362249

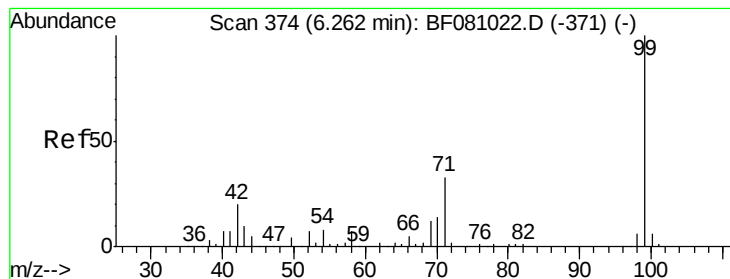
Ion Ratio Lower Upper

112 100

64 66.8 66.9 100.3#

63 35.1 38.1 57.1#





#7

Phenol-d6

Concen: 130.78 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

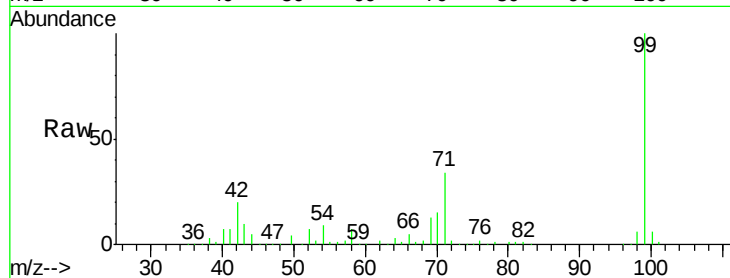
Tot Ion: 99 Resp: 517375

Ion Ratio Lower Upper

99 100

42 19.7 19.6 29.4

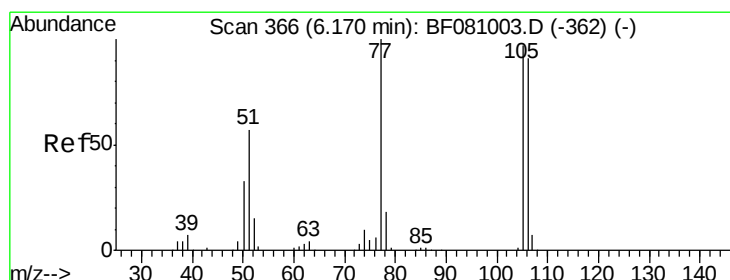
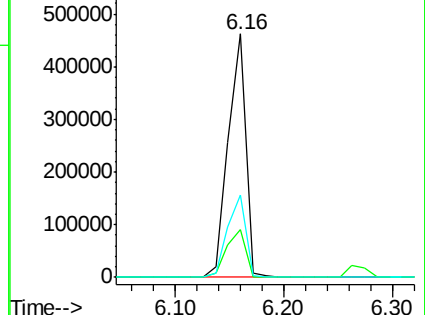
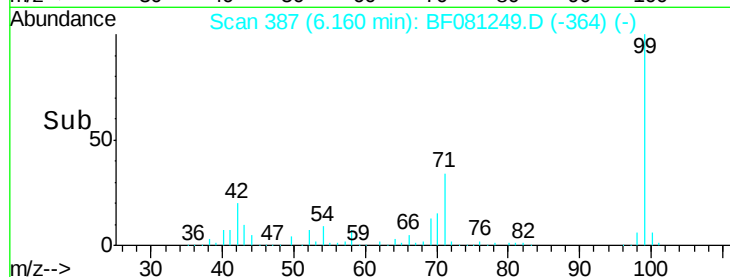
71 34.1 31.2 46.8



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: 3.38 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.19 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

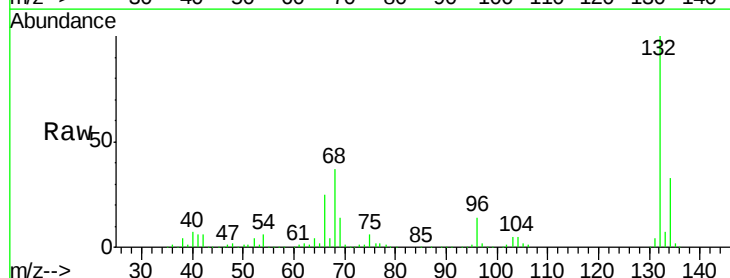
Tgt Ion: 77 Resp: 8609

Ion Ratio Lower Upper

77 100

105 87.3 69.6 109.6

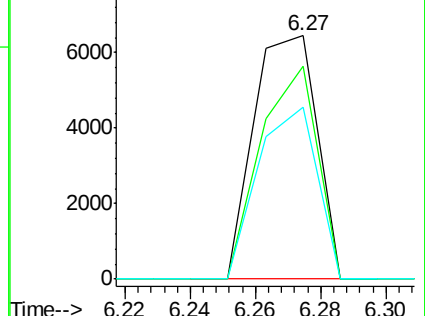
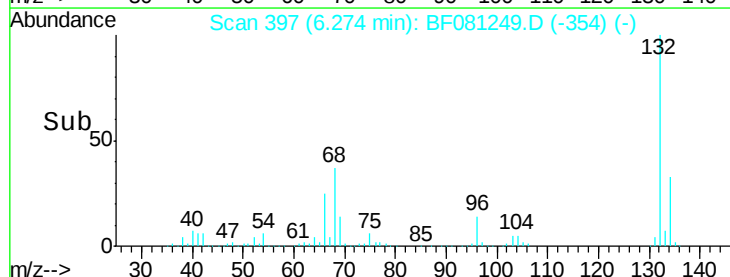
106 70.6 64.0 104.0

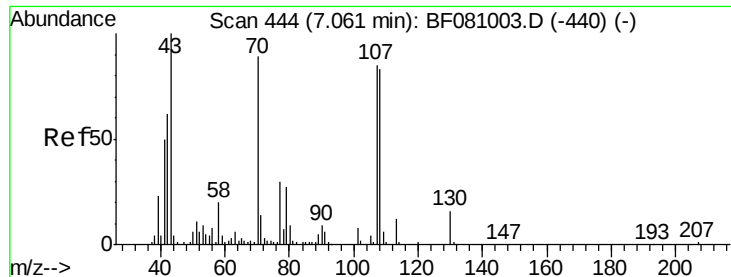


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

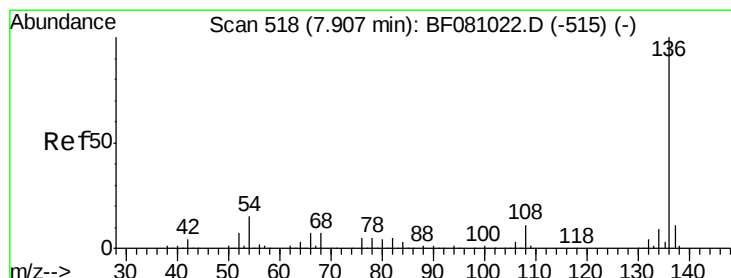
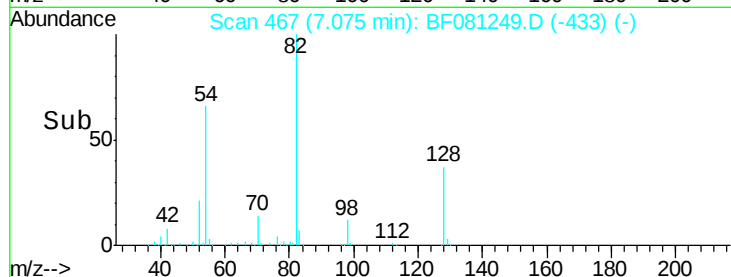
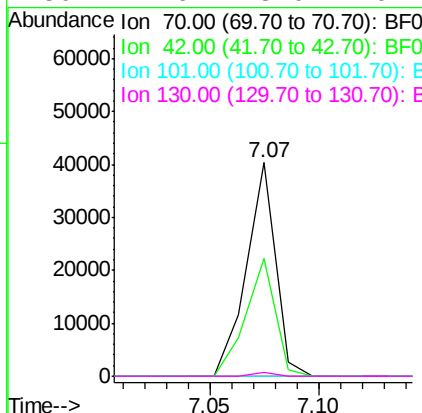
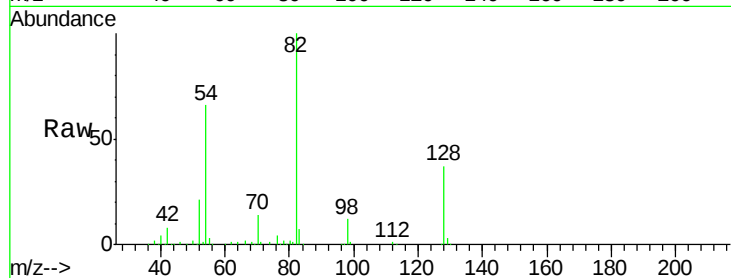




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 7.07 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF081249.D
Acq: 27 Aug 2015 16:33

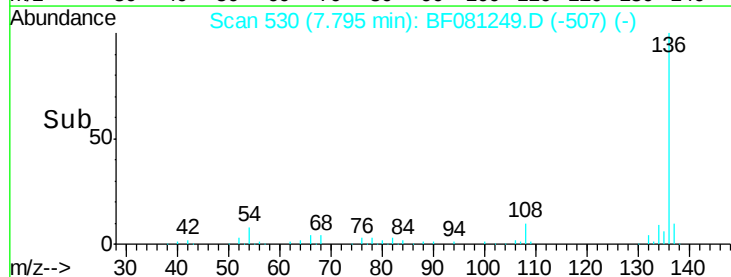
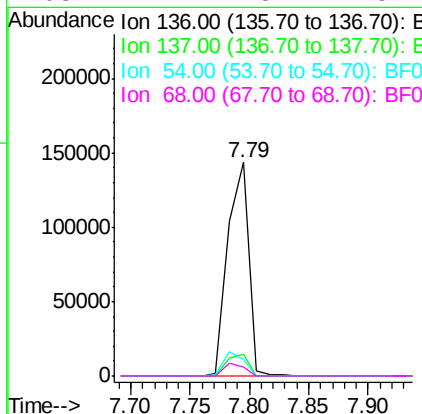
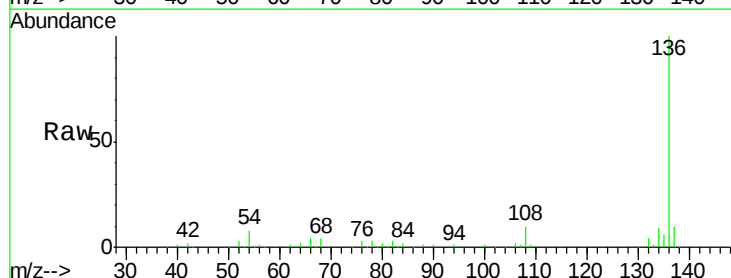
Instrument :
BNA_F
ClientSampleId :

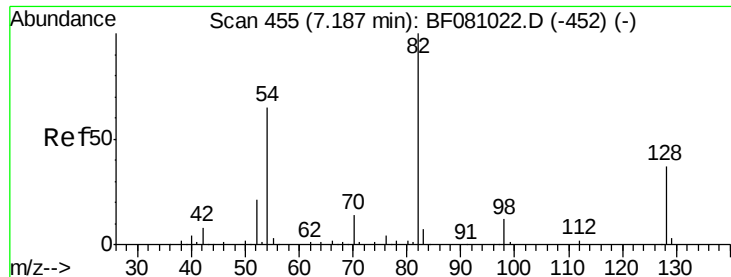
Tot Ion: 70 Resp: 37507
Ion Ratio Lower Upper
70 100
42 55.4 65.0 97.4#
101 0.0 7.4 11.2#
130 1.6 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081249.D
Acq: 27 Aug 2015 16:33

Tgt Ion: 136 Resp: 174642
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.7 7.7 11.5
68 4.4 3.4 5.2

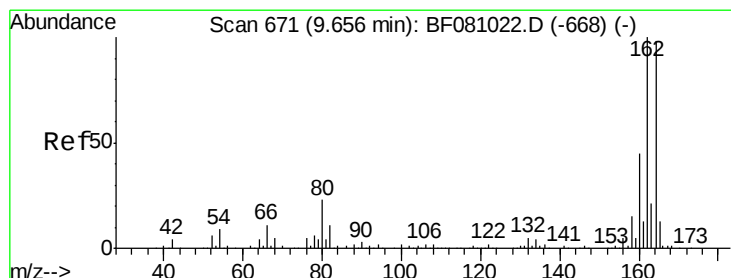
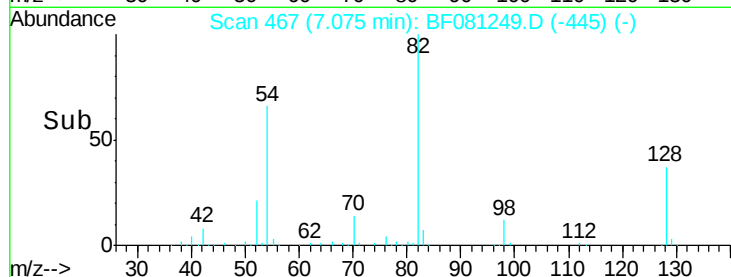
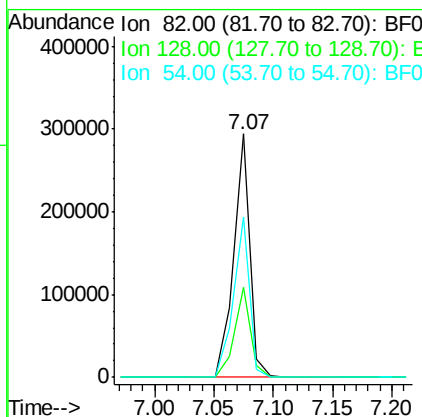
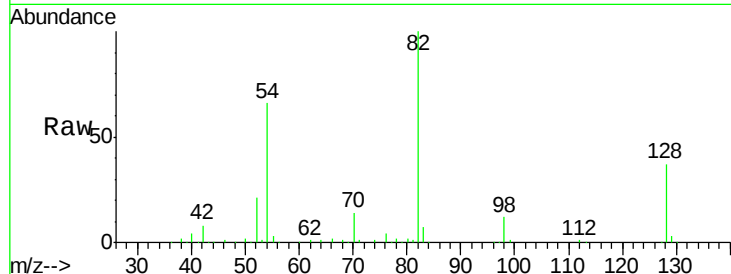




#23
 Nitrobenzene-d5
 Concen: 72.79 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081249.D
 Acq: 27 Aug 2015 16:33

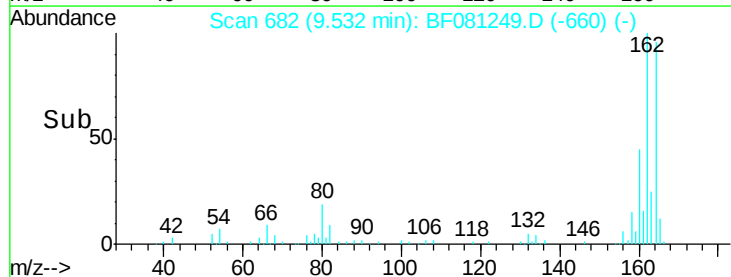
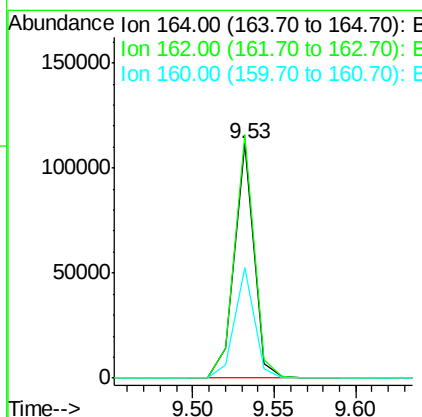
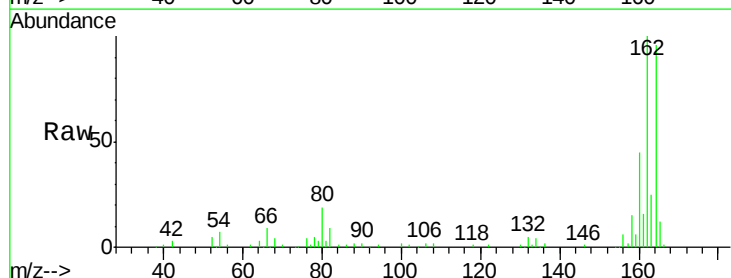
Instrument :
 BNA_F
 ClientSampleId :

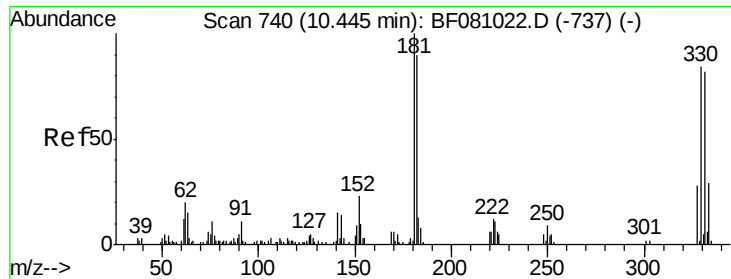
Tot Ion	82	Resp	278285
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.6	42.8
54	65.9	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081249.D
 Acq: 27 Aug 2015 16:33

Tgt Ion	164	Resp	91578
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.8	125.8
160	47.0	39.8	59.8

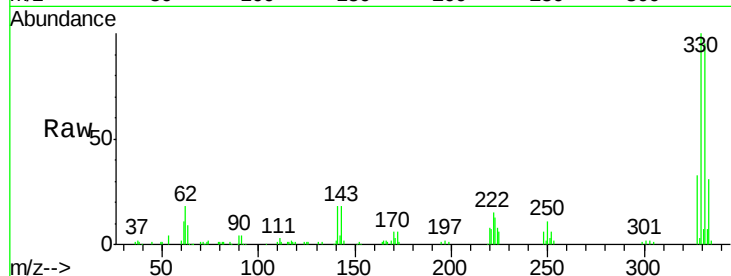




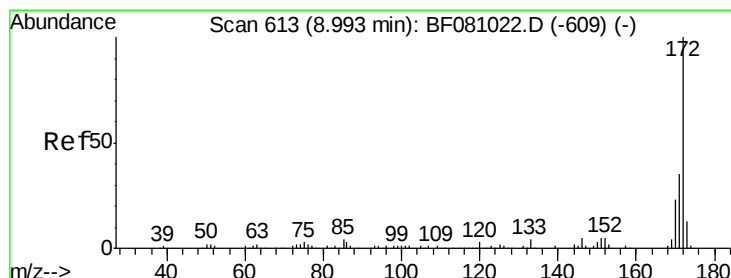
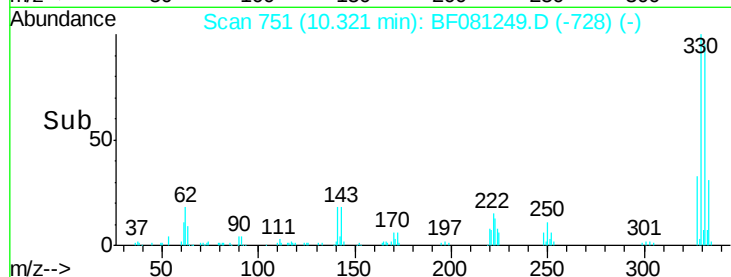
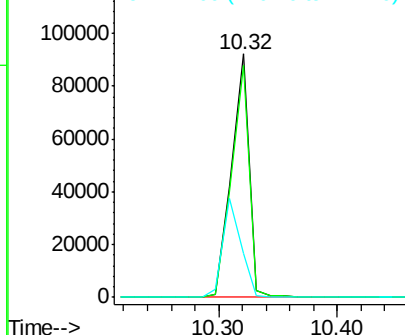
#41
 2,4,6-Tribromophenol
 Concen: 120.58 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.04 min
 Lab File: BF081249.D
 Acq: 27 Aug 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 95721
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 41.9 44.9 67.3#

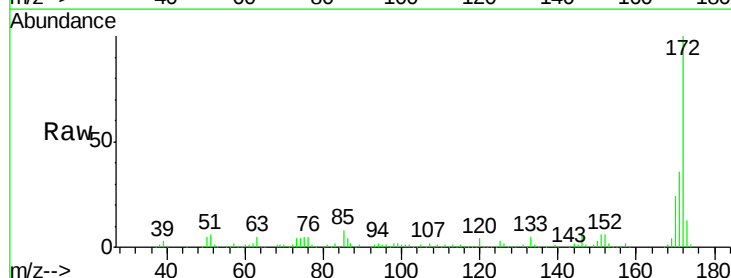


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

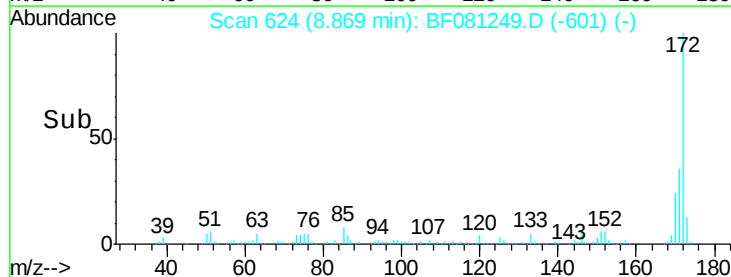
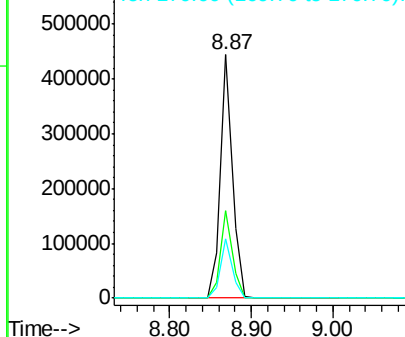


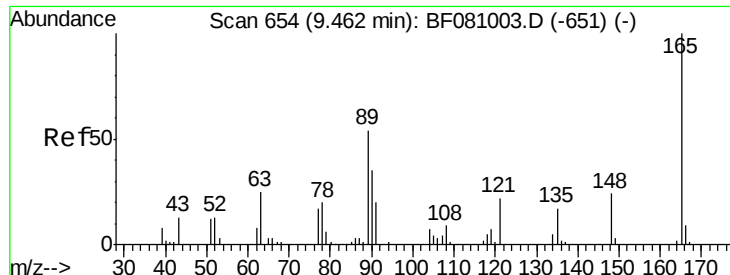
#44
 2-Fluorobiphenyl
 Concen: 65.15 ng
 RT: 8.87 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF081249.D
 Acq: 27 Aug 2015 16:33

Tgt Ion:172 Resp: 455315
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

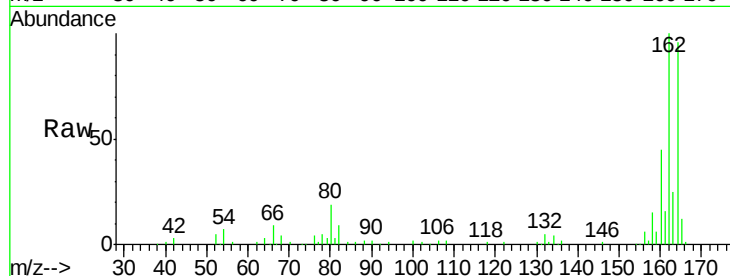




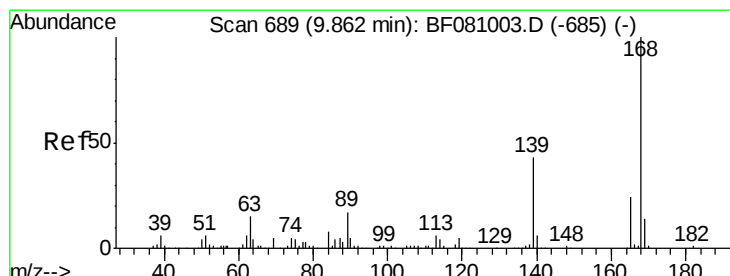
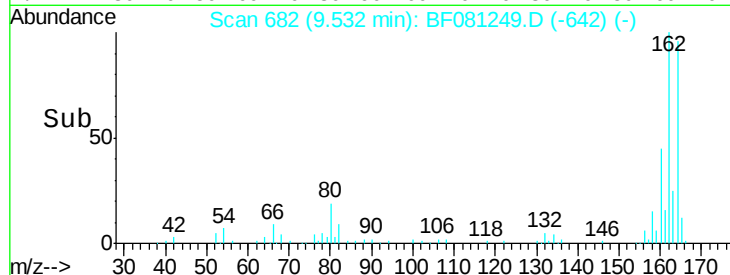
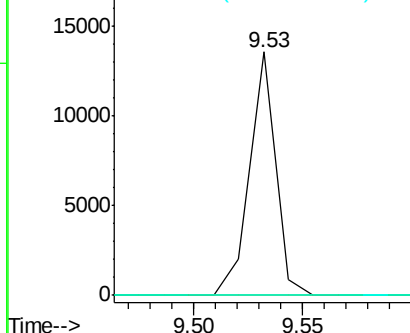
#50
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 9.53 min Scan# 682
Delta R.T. 0.16 min
Lab File: BF081249.D
Acq: 27 Aug 2015 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 11333
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 47.6 71.4#



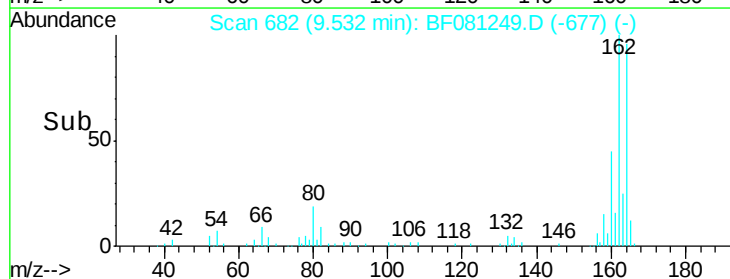
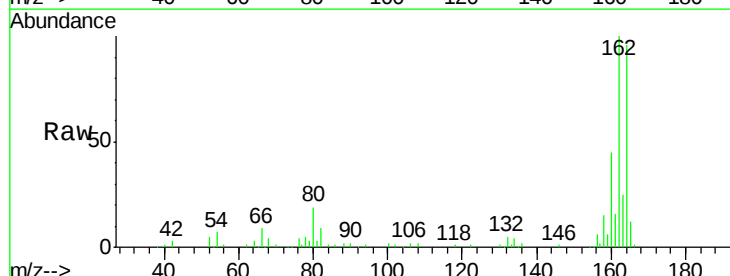
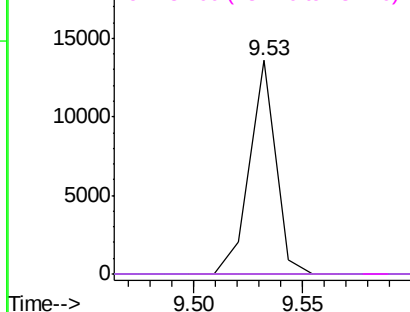
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

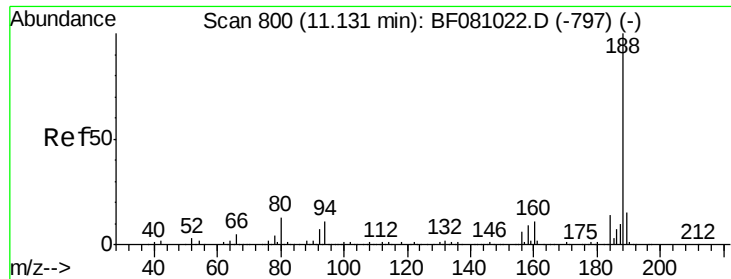


#56
2,4-Dinitrotoluene
Concen: 5.28 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081249.D
Acq: 27 Aug 2015 16:33

Tgt Ion:165 Resp: 11333
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: BF081249.D

Acq: 27 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

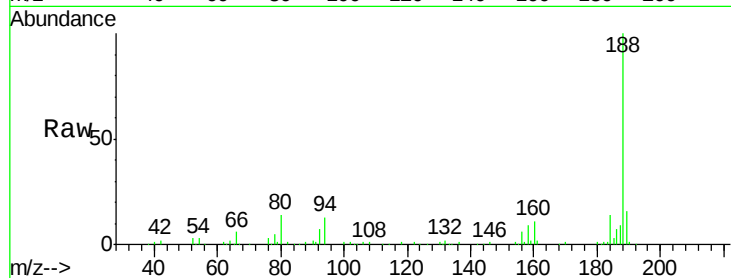
Tot Ion:188 Resp: 173478

Ion Ratio Lower Upper

188 100

94 12.7 8.2 12.2#

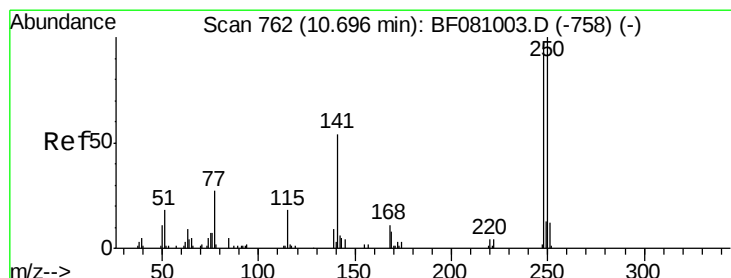
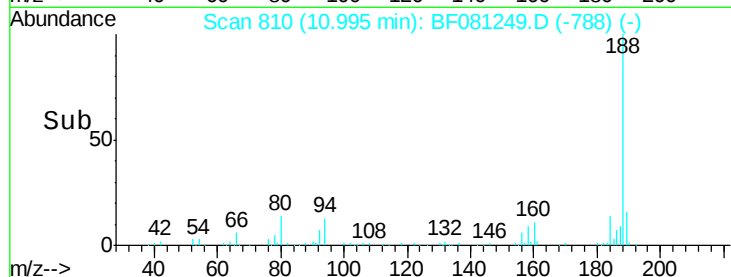
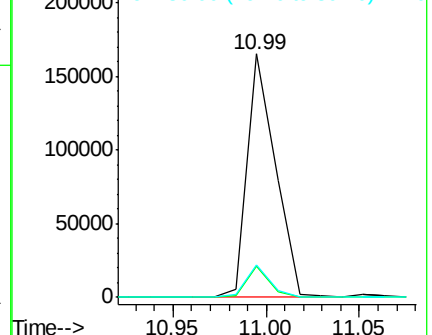
80 13.6 9.5 14.3



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: 4.00 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.28 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

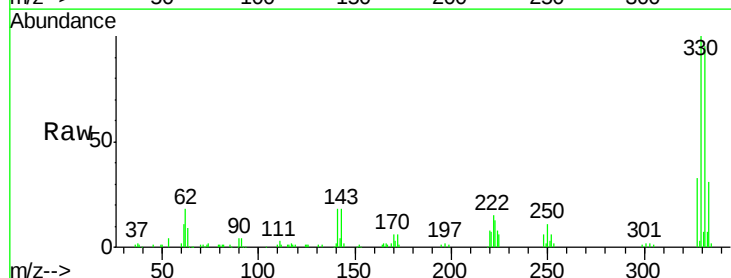
Tgt Ion:248 Resp: 6822

Ion Ratio Lower Upper

248 100

250 199.1 77.8 116.6#

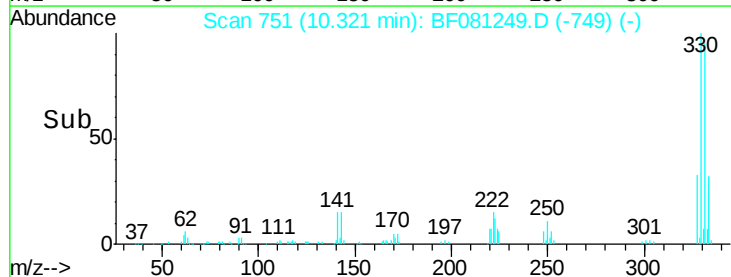
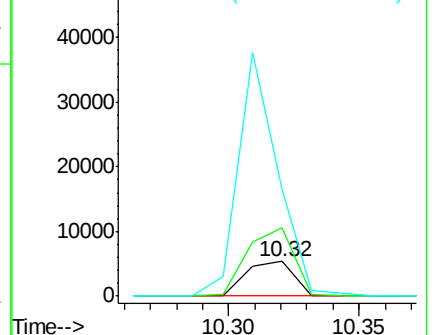
141 311.3 39.8 59.6#

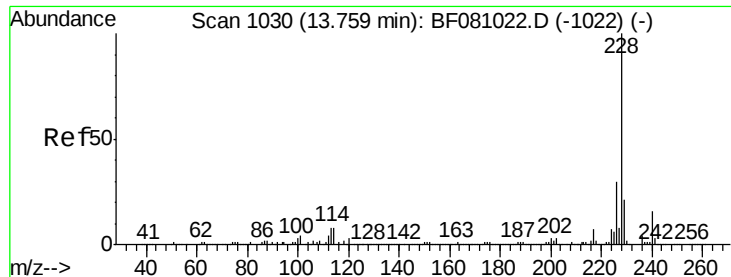


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.05 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

Instrument :

BNA_F

ClientSampleId :

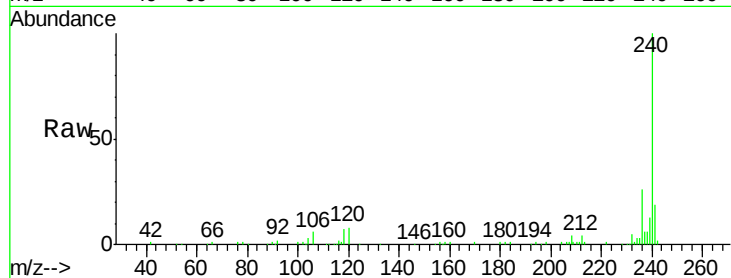
Tot Ion:240 Resp: 156941

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

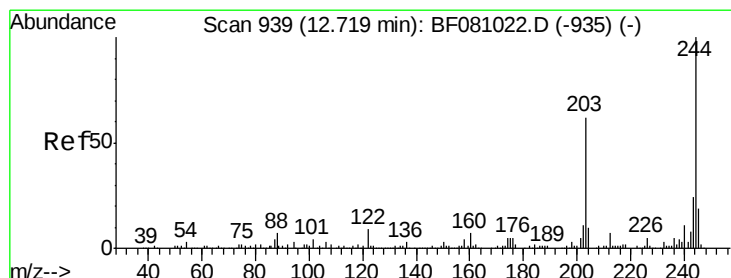
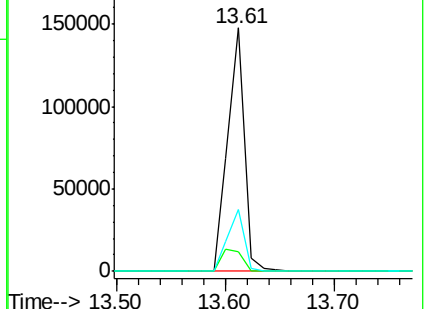
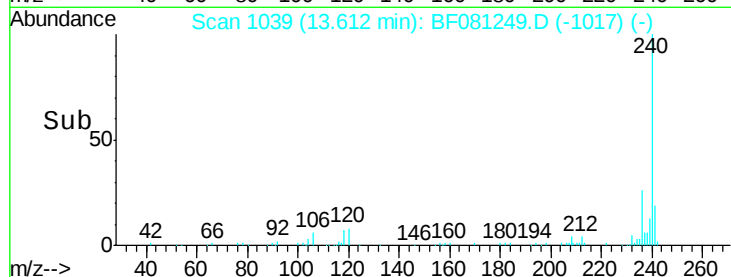
236 25.6 20.6 30.8



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: 64.21 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081249.D

Acq: 27 Aug 2015 16:33

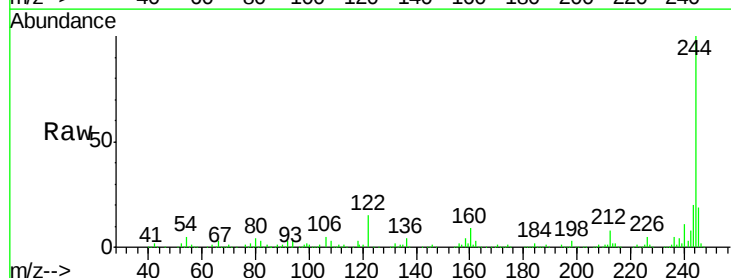
Tgt Ion:244 Resp: 470038

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

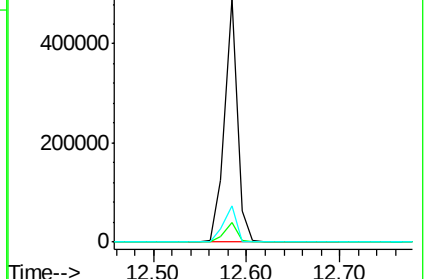
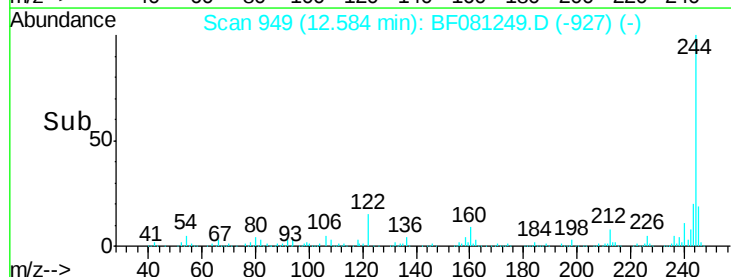
122 15.0 8.2 12.4#

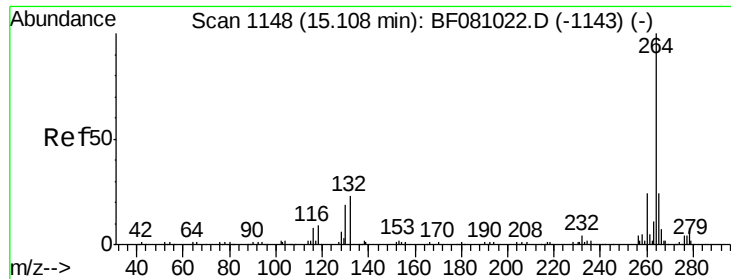


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081249.D
 Acq: 27 Aug 2015 16:33

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

