

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081251.D
 Acq On : 27 Aug 2015 17:35
 Operator : UM/IZ
 Sample : G3441-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:49:35 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

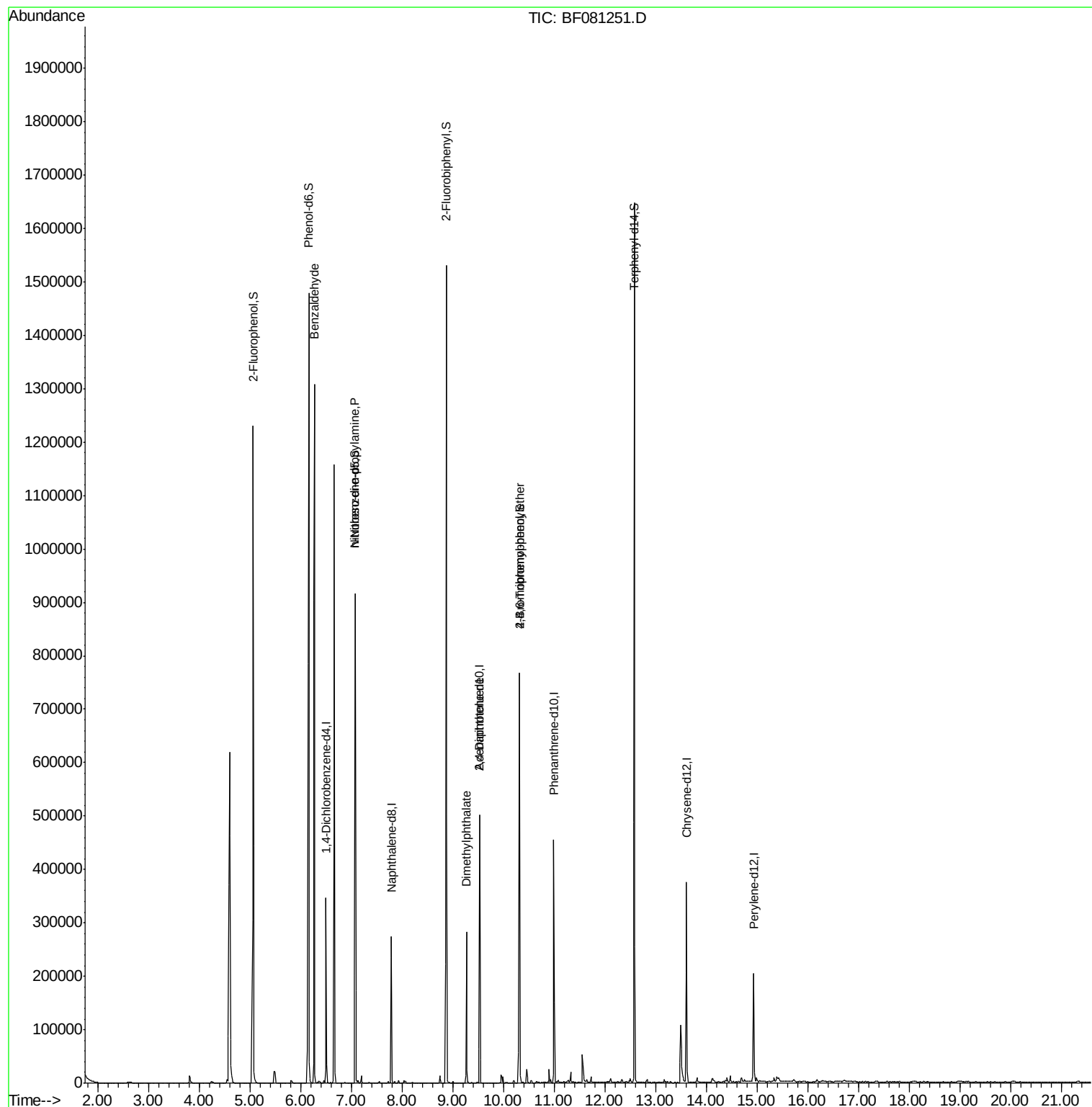
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	43913	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	168335	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	88072	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	171150	20.00	ng	-0.05
75) Chrysene-d12	13.61	240	154095	20.00	ng	-0.05
86) Perylene-d12	14.94	264	110890	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	356927	122.25	ng	-0.04
7) Phenol-d6	6.16	99	543484	142.67	ng	-0.04
23) Nitrobenzene-d5	7.07	82	298946	81.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	115760	151.63	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	511447	76.09	ng	-0.04
78) Terphenyl-d14	12.58	244	506613	70.48	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.27	77	10521	4.28	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.07	70	39762	15.07	ng	# 71
49) Dimethylphthalate	9.27	163	94455	13.02	ng	100
56) 2,4-Dinitrotoluene	9.53	165	10879	5.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	8658	5.15	ng	# 1

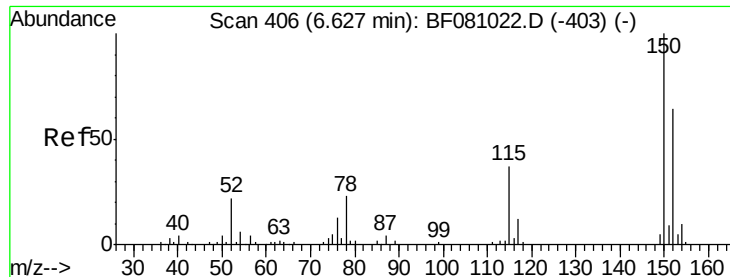
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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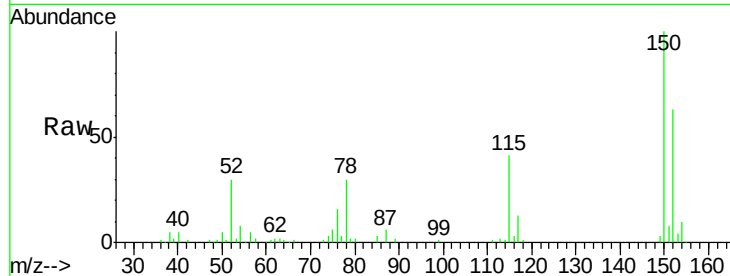


#1

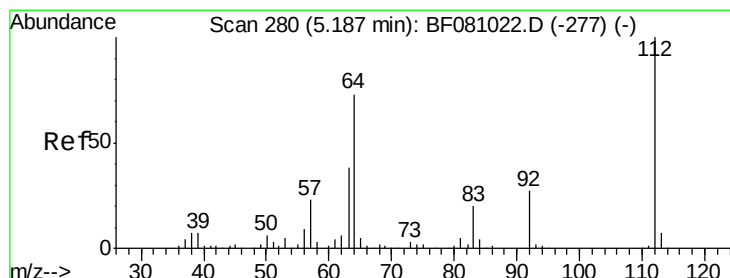
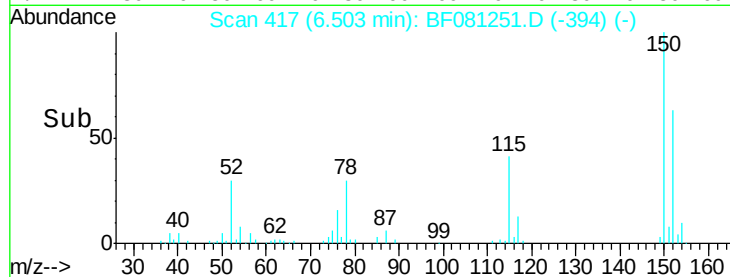
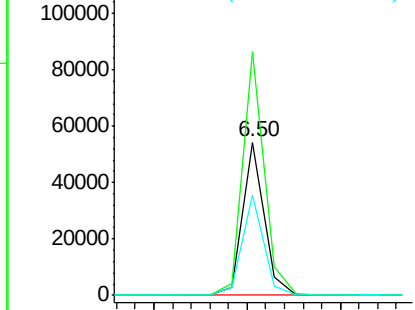
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081251.D
Acq: 27 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	65.5	52.1	78.1



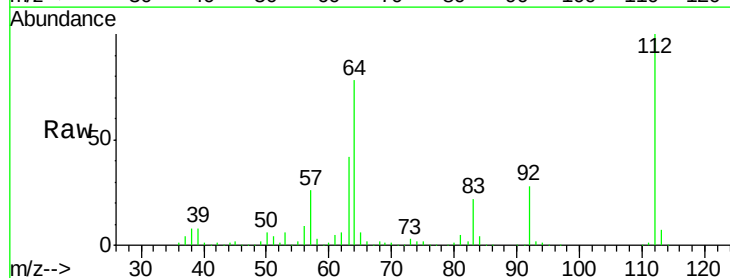
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



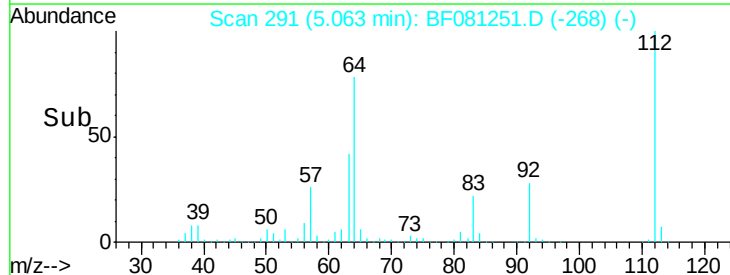
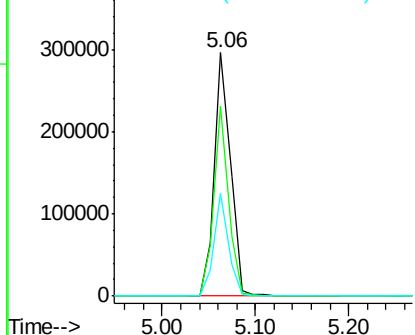
#5

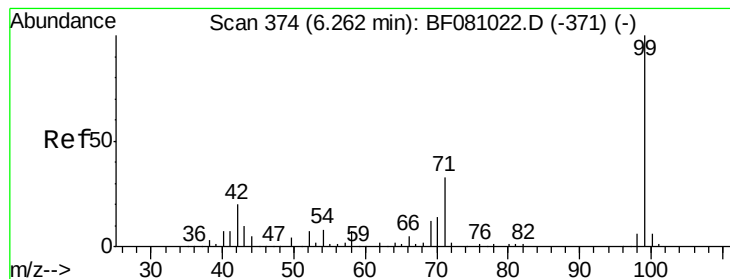
2-Fluorophenol
Concen: 122.25 ng
RT: 5.06 min Scan# 291
Delta R.T. -0.04 min
Lab File: BF081251.D
Acq: 27 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.2	66.9	100.3
63	42.3	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: 142.67 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

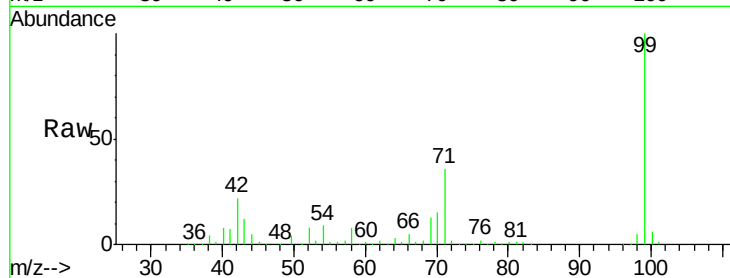
Tot Ion: 99 Resp: 543484

Ion Ratio Lower Upper

99 100

42 21.8 19.6 29.4

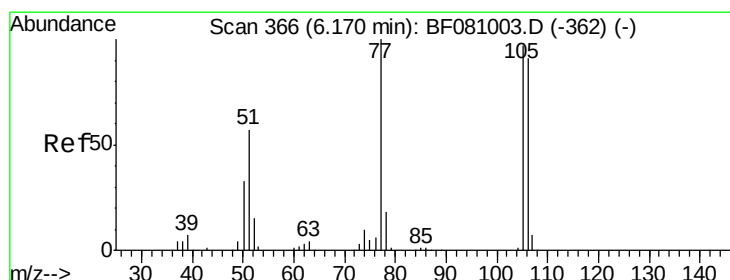
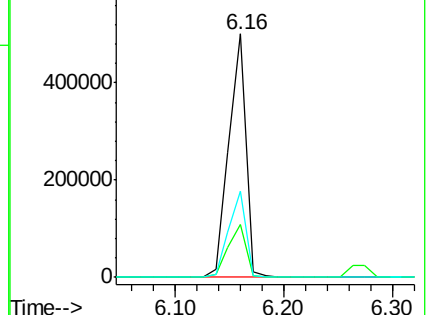
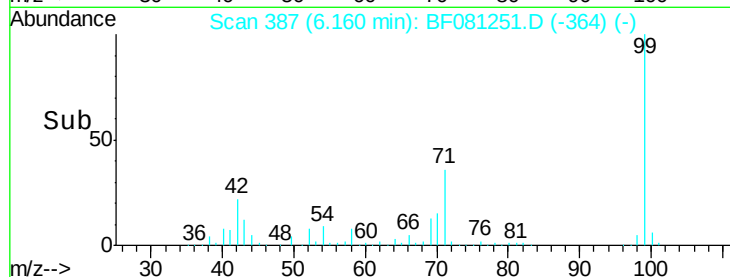
71 35.6 31.2 46.8



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: 4.28 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.19 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

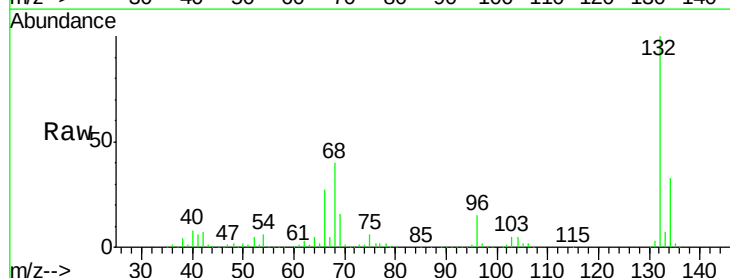
Tgt Ion: 77 Resp: 10521

Ion Ratio Lower Upper

77 100

105 76.5 69.6 109.6

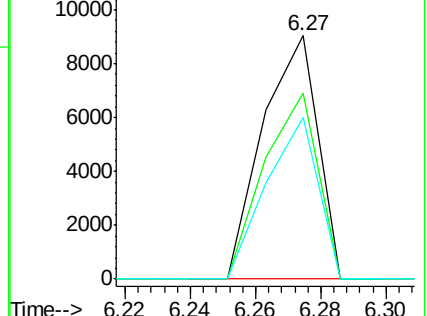
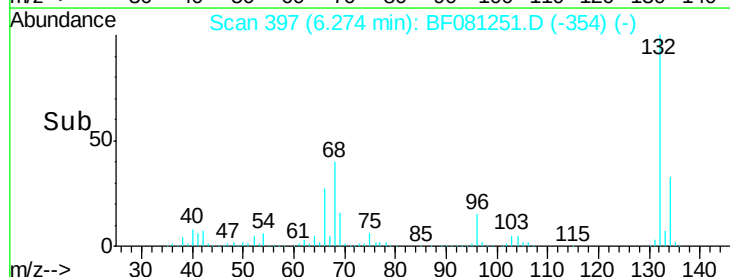
106 66.7 64.0 104.0

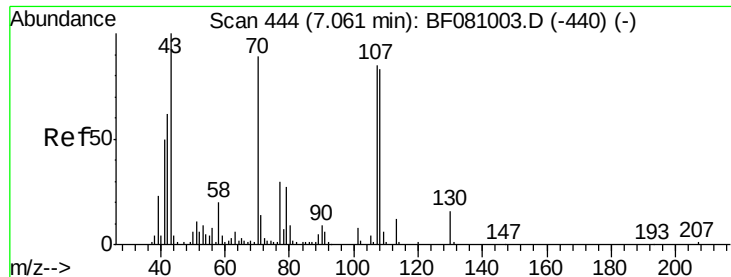


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.07 ng

RT: 7.07 min Scan# 467

Delta R.T. 0.09 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 39762

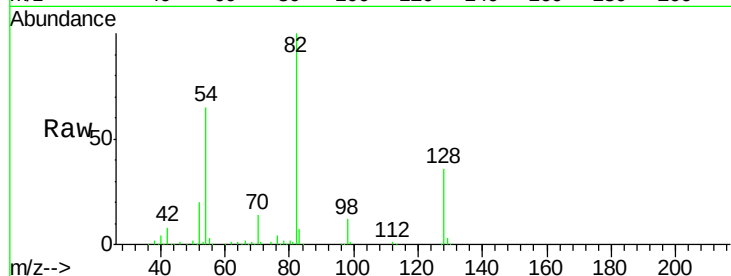
Ion Ratio Lower Upper

70 100

42 55.4 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

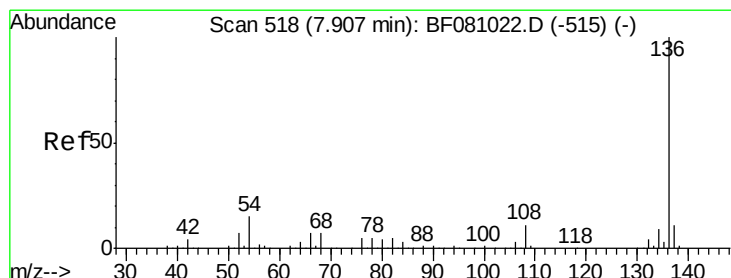
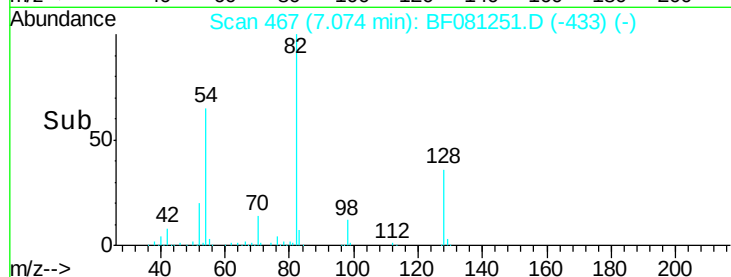
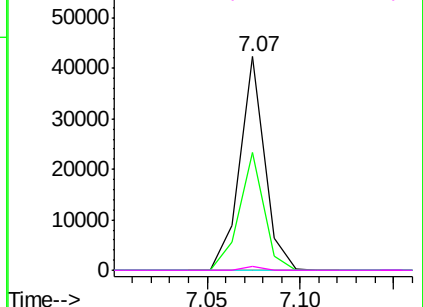


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081251.D

Acq: 27 Aug 2015 17:35

Tgt Ion: 136 Resp: 168335

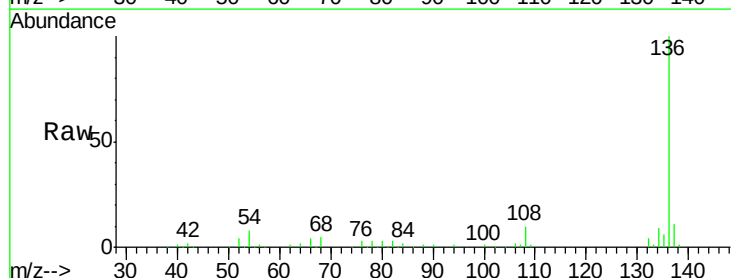
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 7.7 7.7 11.5

68 4.5 3.4 5.2

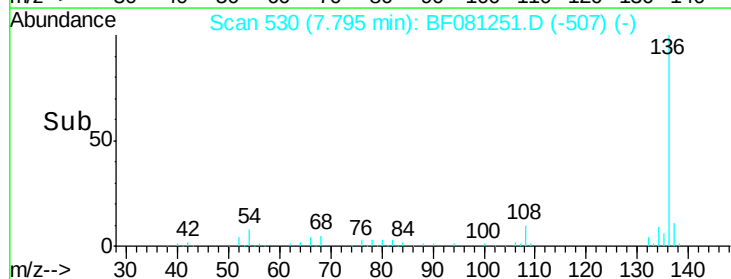
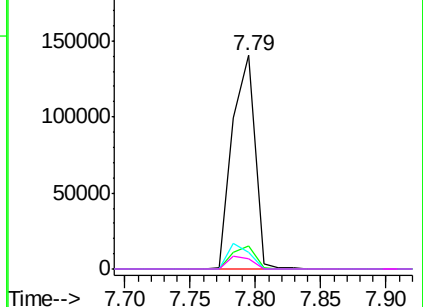


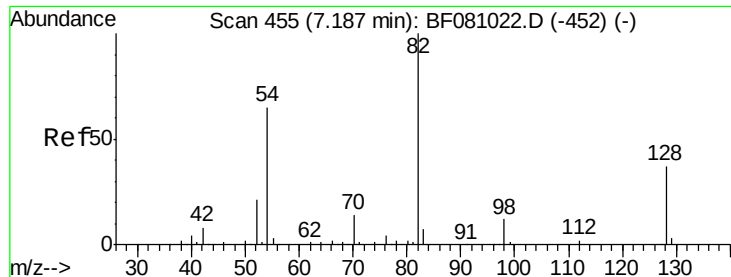
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

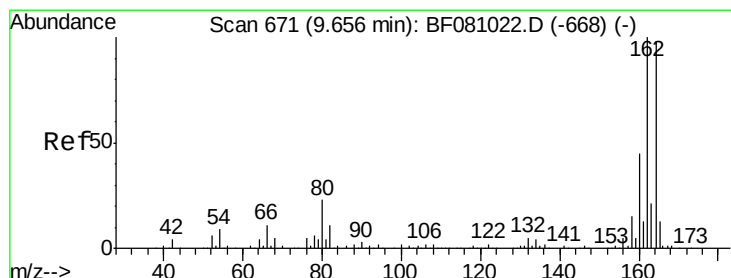
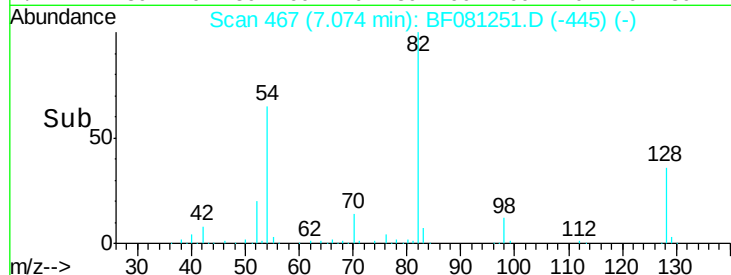
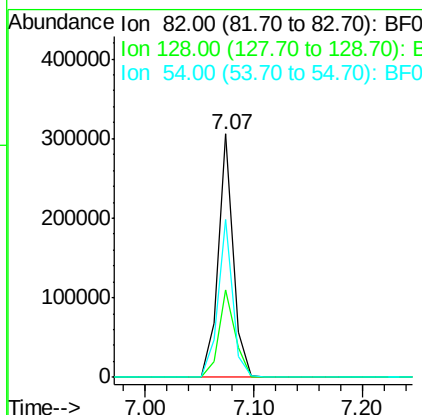
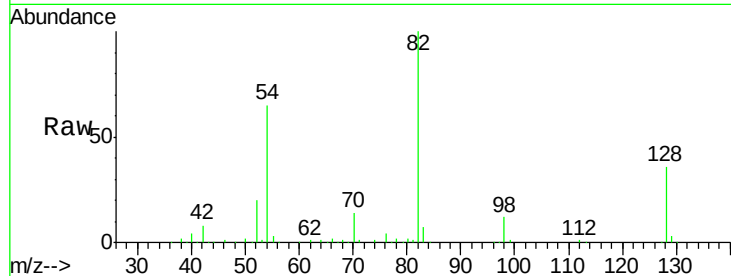




#23
 Nitrobenzene-d5
 Concen: 81.13 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081251.D
 Acq: 27 Aug 2015 17:35

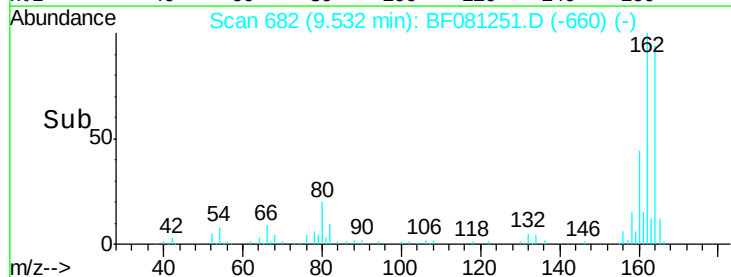
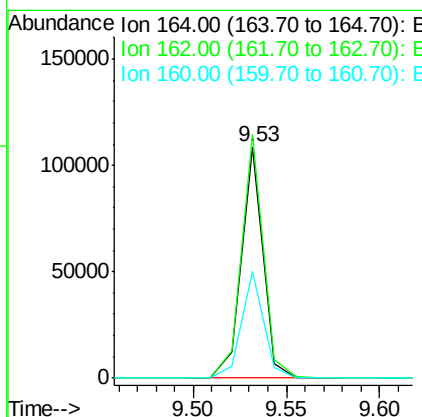
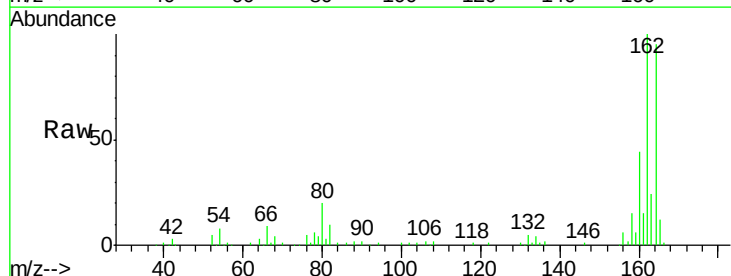
Instrument :
 BNA_F
 ClientSampled :

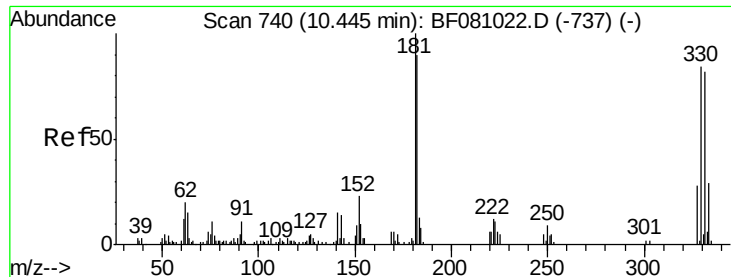
Tot Ion	82	Resp	298946
Ion Ratio	100	Lower	Upper
128	36.0	28.6	42.8
54	65.0	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081251.D
 Acq: 27 Aug 2015 17:35

Tgt Ion	164	Resp	88072
Ion Ratio	100	Lower	Upper
162	105.4	83.8	125.8
160	46.2	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 151.63 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

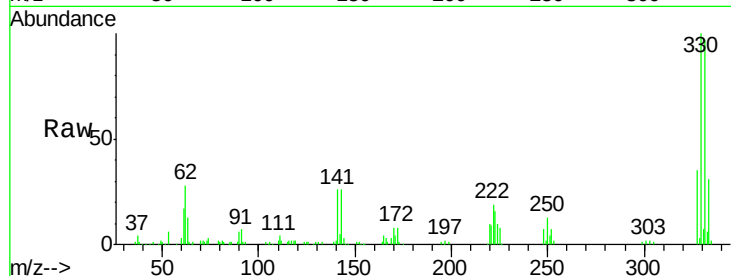
Tot Ion:330 Resp: 115760

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

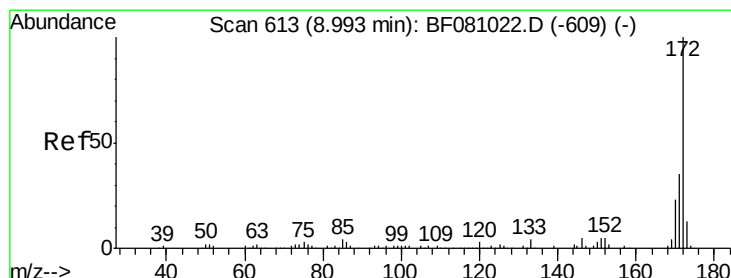
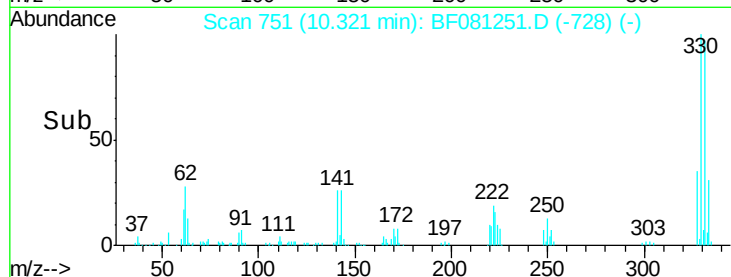
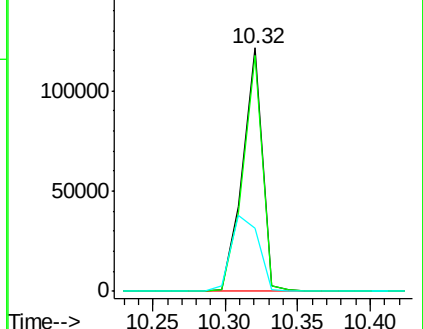
141 43.2 44.9 67.3#



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: 76.09 ng

RT: 8.87 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

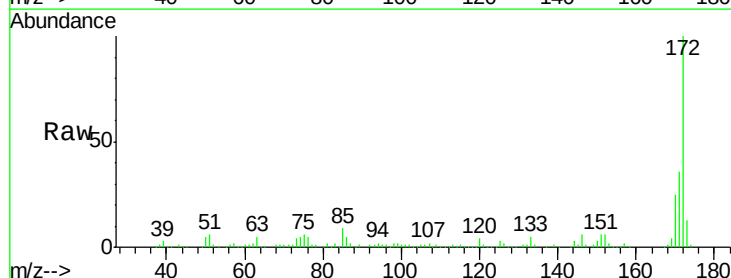
Tgt Ion:172 Resp: 511447

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

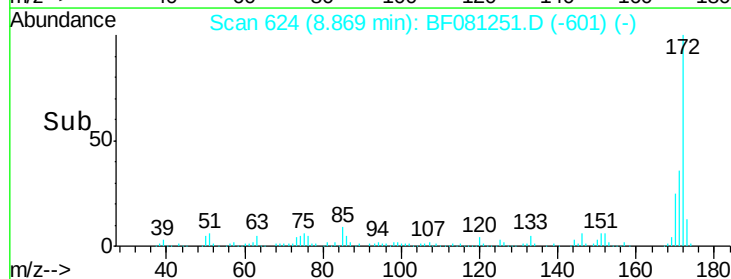
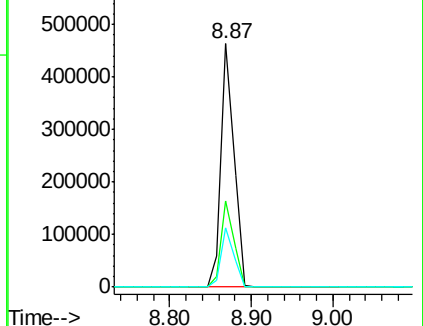
170 24.5 19.4 29.2

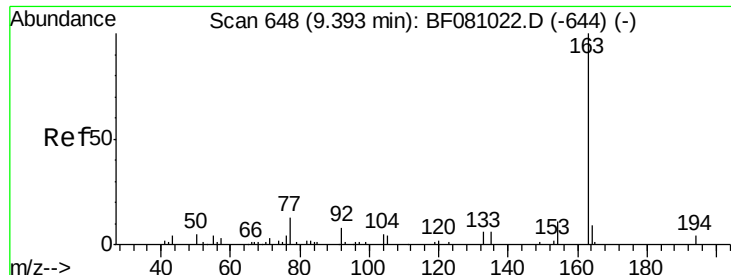


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.02 ng

RT: 9.27 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

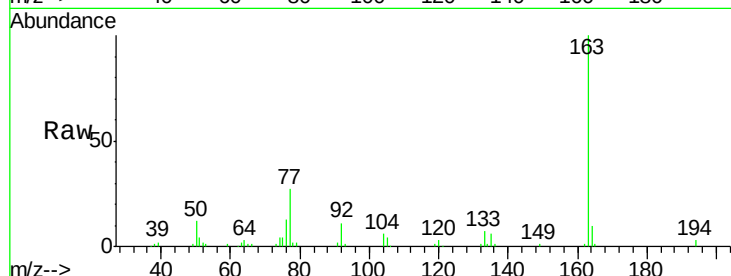
Tot Ion:163 Resp: 94455

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

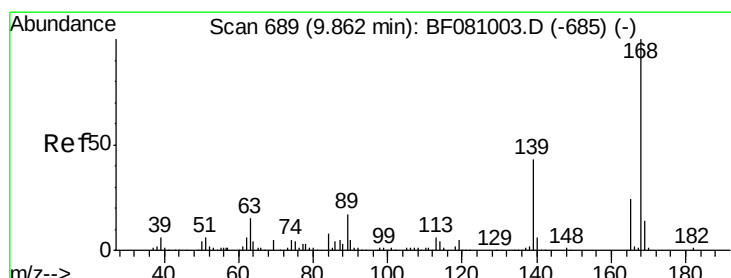
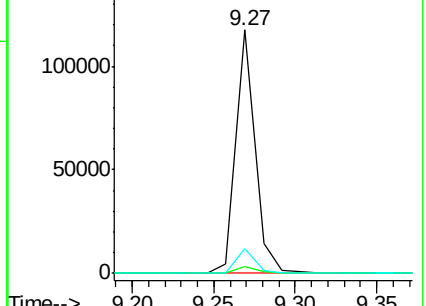
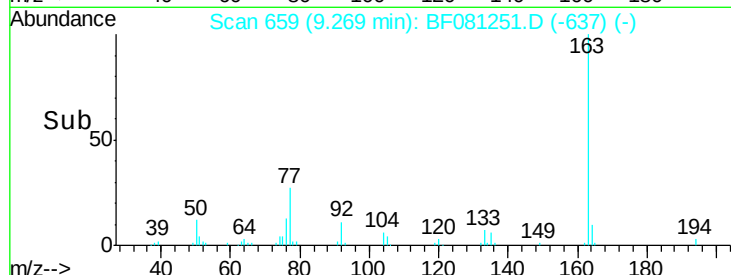
164 10.1 8.1 12.1



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



#56

2,4-Dinitrotoluene

Concen: 5.27 ng

RT: 9.53 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

Tgt Ion:165 Resp: 10879

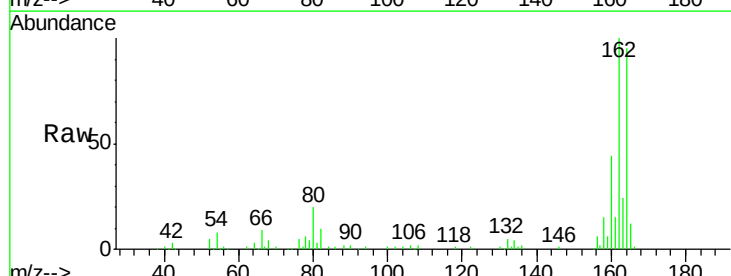
Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.4#

89 0.0 60.1 90.1#

182 0.0 1.8 2.6#

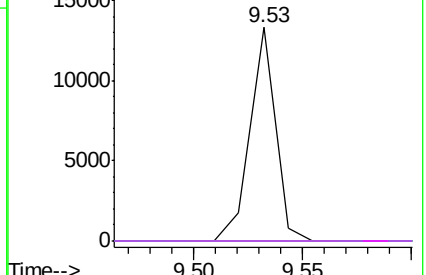
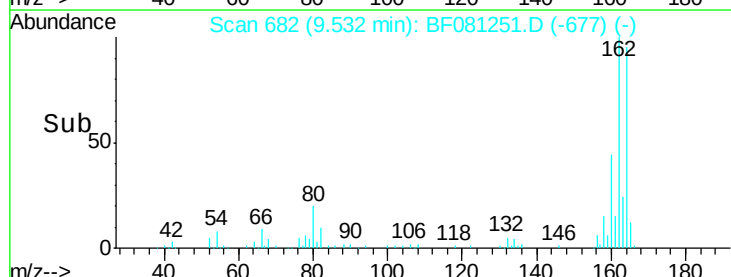


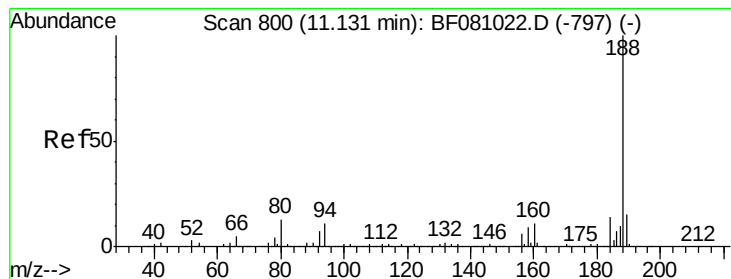
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

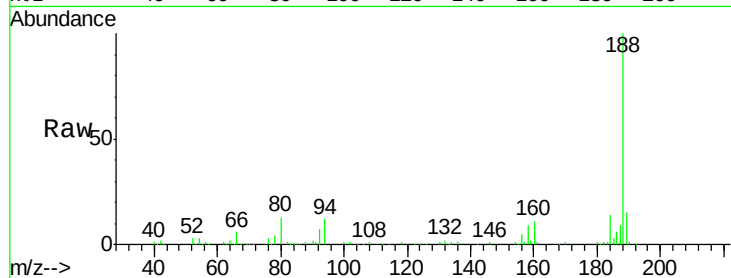
Tot Ion:188 Resp: 171150

Ion Ratio Lower Upper

188 100

94 11.7 8.2 12.2

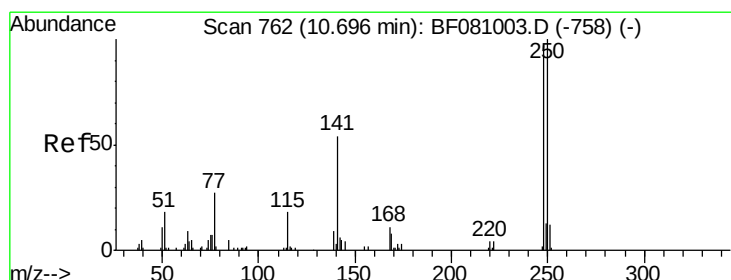
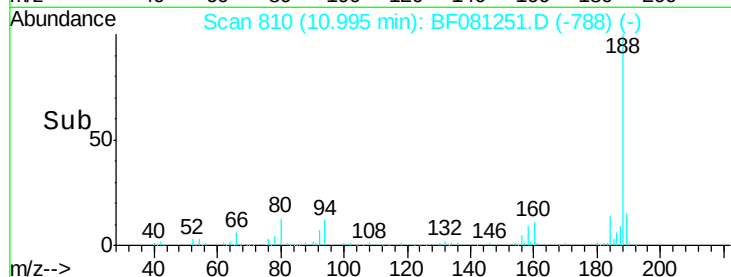
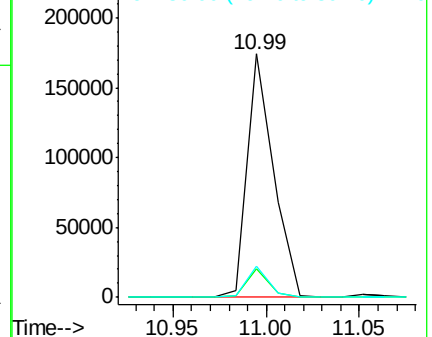
80 13.0 9.5 14.3



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: 5.15 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.28 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

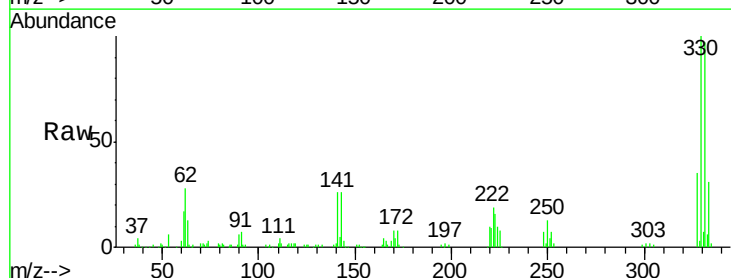
Tgt Ion:248 Resp: 8658

Ion Ratio Lower Upper

248 100

250 189.0 77.8 116.6#

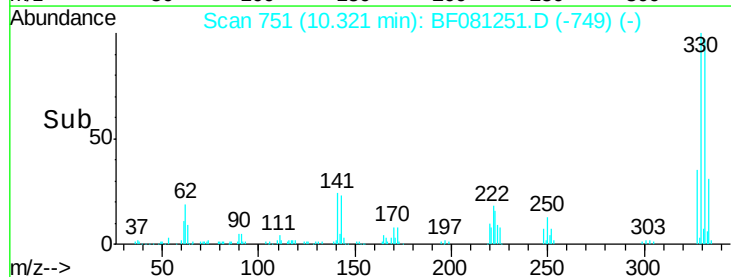
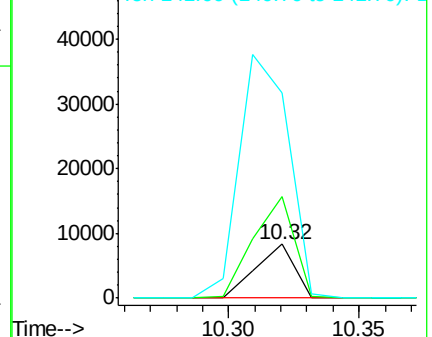
141 379.8 39.8 59.6#

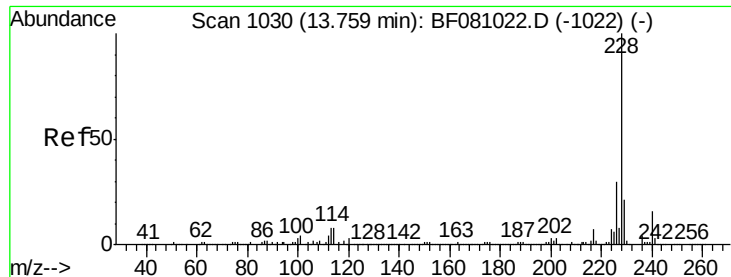


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081251.D

Acq: 27 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

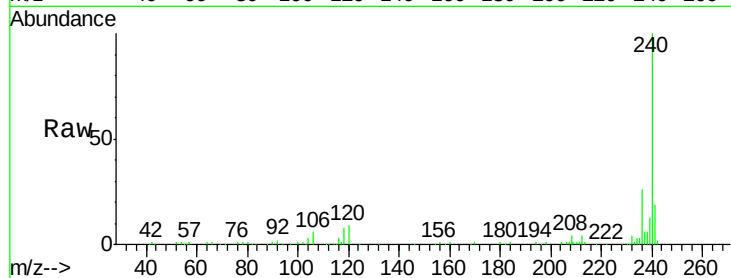
Tot Ion:240 Resp: 154095

Ion Ratio Lower Upper

240 100

120 8.7 5.6 8.4#

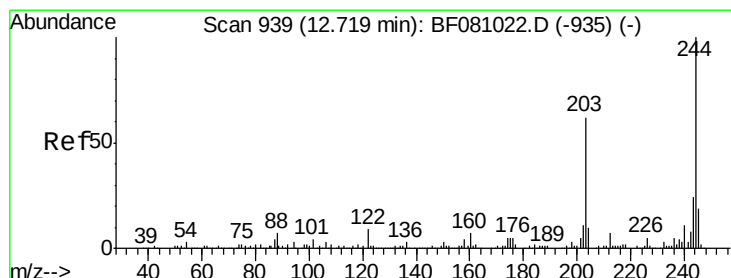
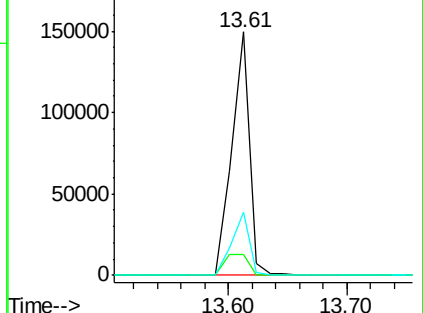
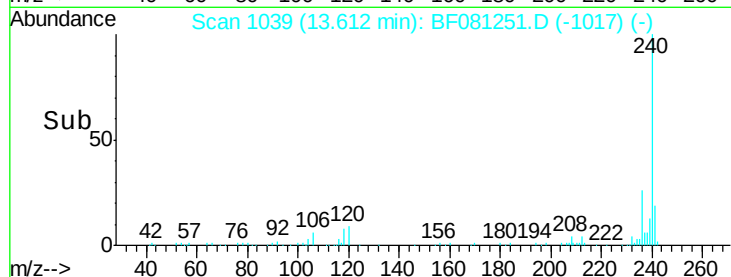
236 25.7 20.6 30.8



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: 70.48 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081251.D

Acq: 27 Aug 2015 17:35

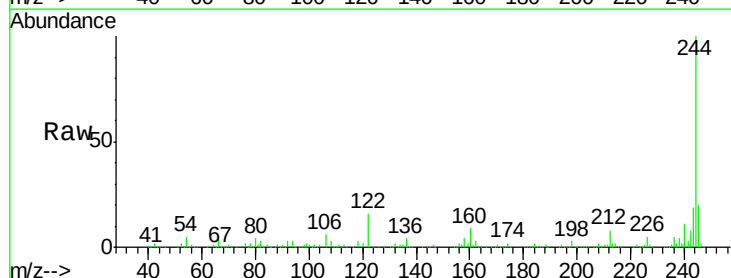
Tgt Ion:244 Resp: 506613

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

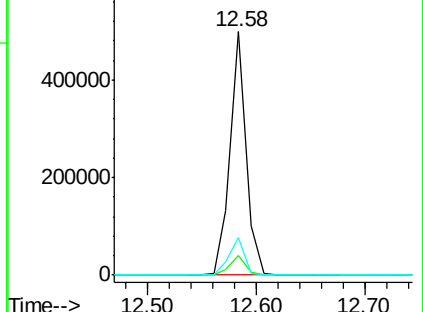
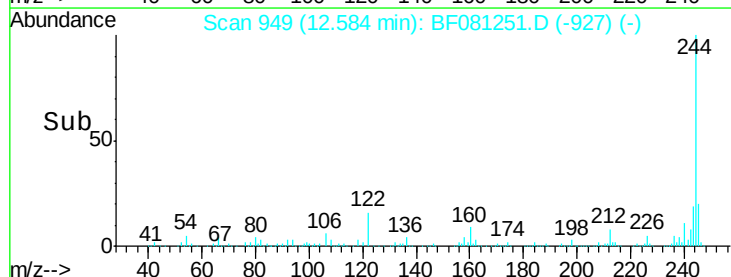
122 15.6 8.2 12.4#

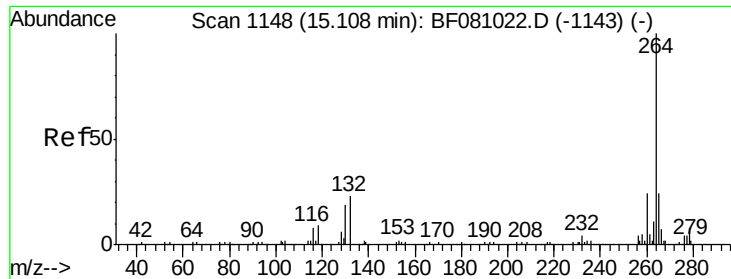


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF081251.D
Acq: 27 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.9	17.5	26.3

