

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081287.D
 Acq On : 29 Aug 2015 23:29
 Operator : UM/IZ
 Sample : G3474-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:09:55 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

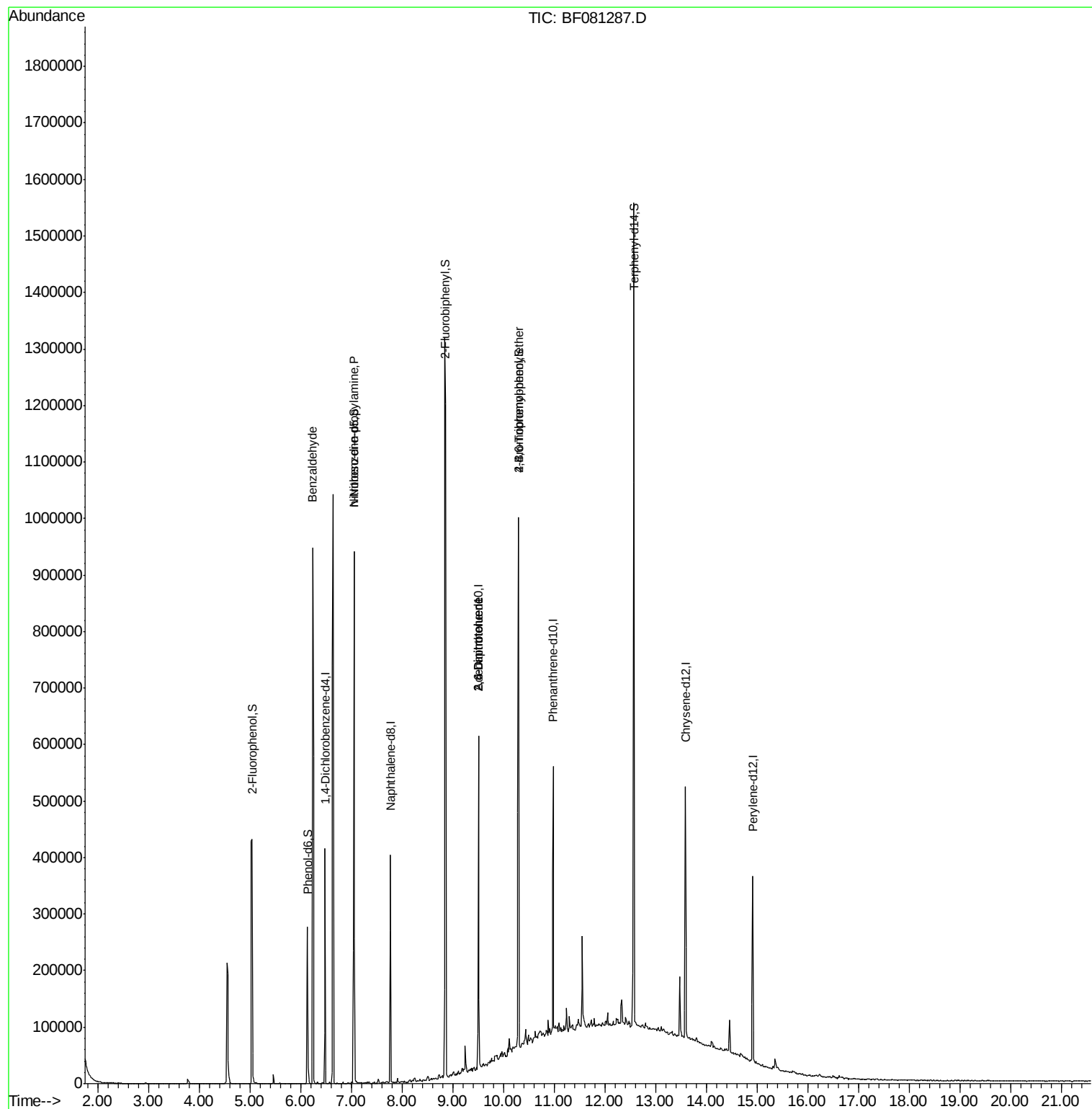
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	57073	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	220258	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	104139	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	205948	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	155089	20.00	ng	-0.07
86) Perylene-d12	14.92	264	118375	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	168249	44.34	ng	-0.06
7) Phenol-d6	6.14	99	137298	27.73	ng	-0.06
23) Nitrobenzene-d5	7.05	82	332381	68.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	83104	92.06	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	611088	76.89	ng	-0.05
78) Terphenyl-d14	12.57	244	559180	77.30	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.24	77	7298	2.29	ng	# 79
19) n-Nitroso-di-n-propylamine	7.05	70	43968	12.82	ng	# 69
50) 2,6-Dinitrotoluene	9.51	165	13299	7.22	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	13299	5.45	ng	# 19
66) 4-Bromophenyl-phenylether	10.30	248	7227	3.57	ng	# 1

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

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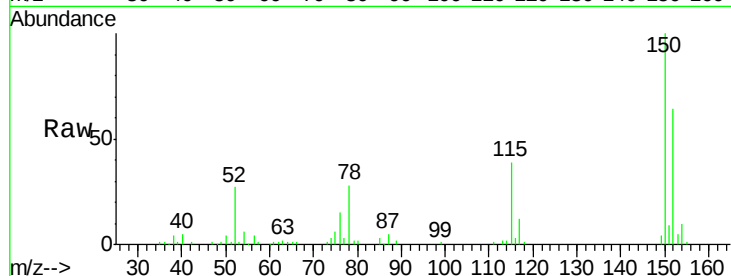


#1

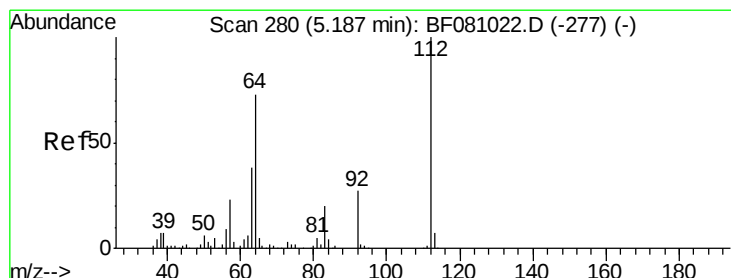
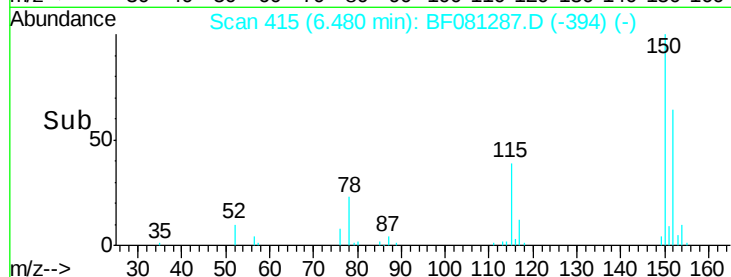
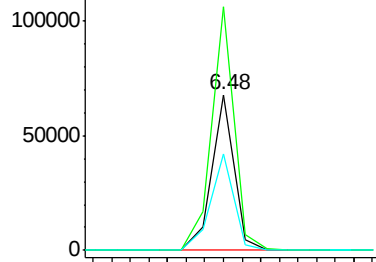
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081287.D
Acq: 29 Aug 2015 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57073
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 61.7 52.1 78.1



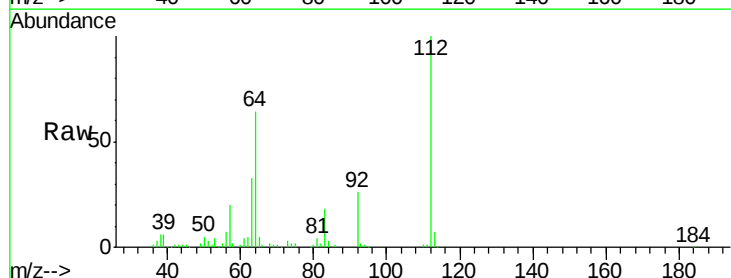
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



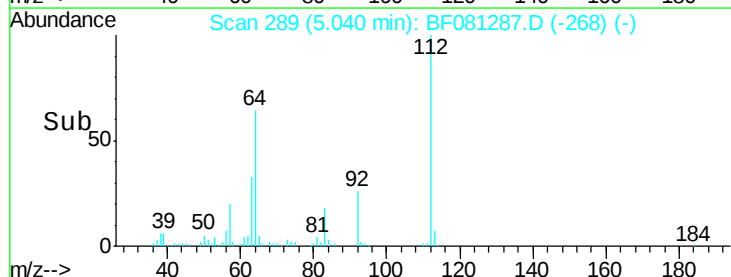
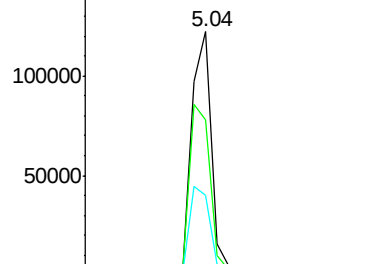
#5

2-Fluorophenol
Concen: 44.34 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081287.D
Acq: 29 Aug 2015 23:29

Tgt Ion:112 Resp: 168249
Ion Ratio Lower Upper
112 100
64 63.6 66.9 100.3#
63 32.8 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: 27.73 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

Instrument :

BNA_F

ClientSampleId :

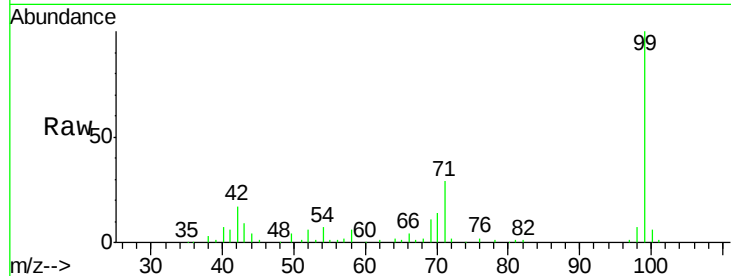
Tot Ion: 99 Resp: 137298

Ion Ratio Lower Upper

99 100

42 16.8 19.6 29.4#

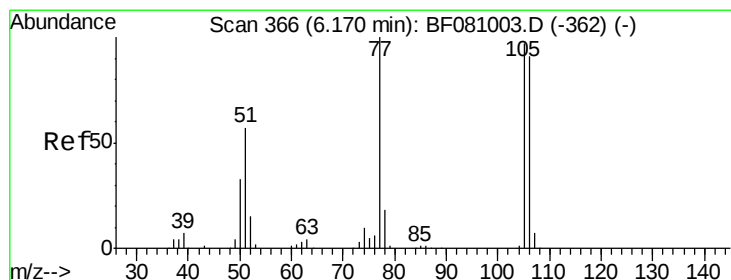
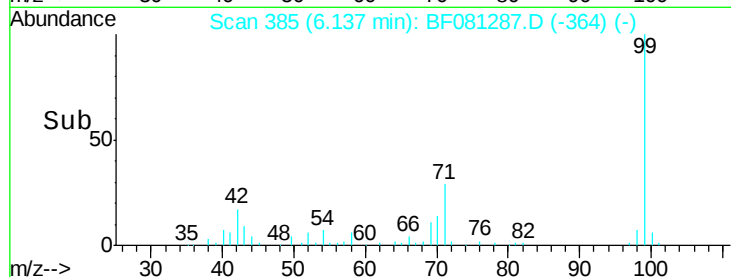
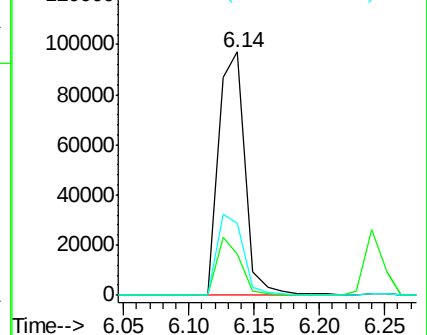
71 29.4 31.2 46.8#



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: 2.29 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

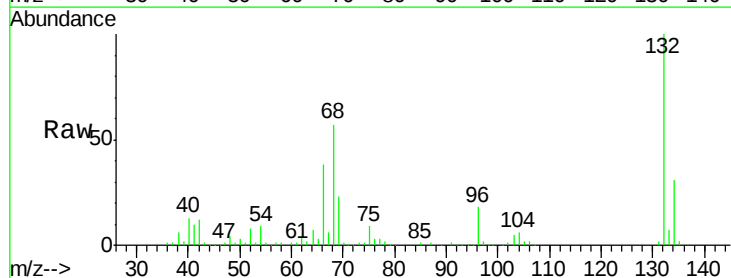
Tgt Ion: 77 Resp: 7298

Ion Ratio Lower Upper

77 100

105 72.8 69.6 109.6

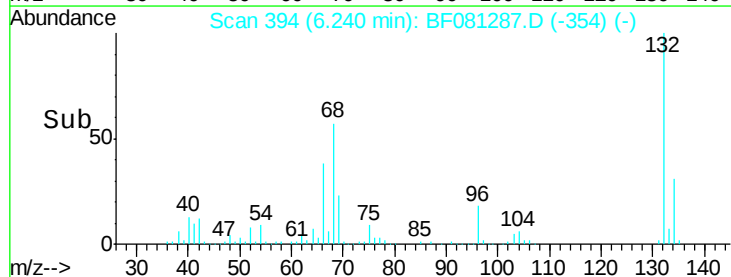
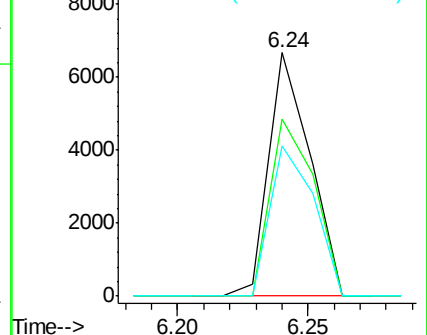
106 61.5 64.0 104.0#

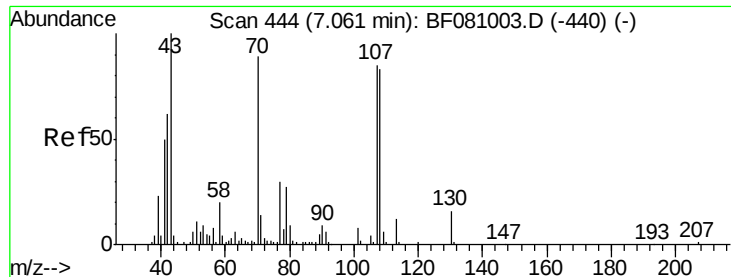


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

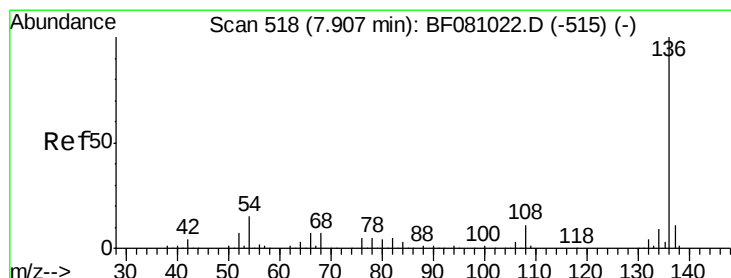
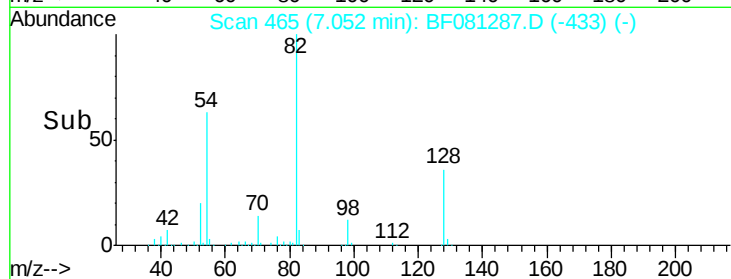
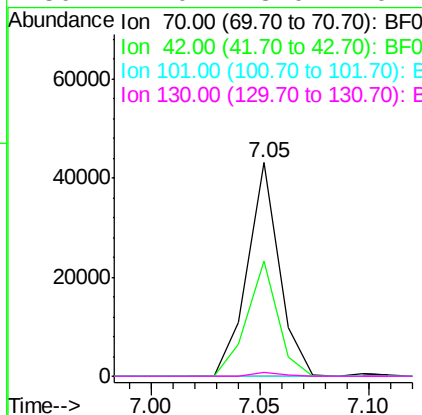
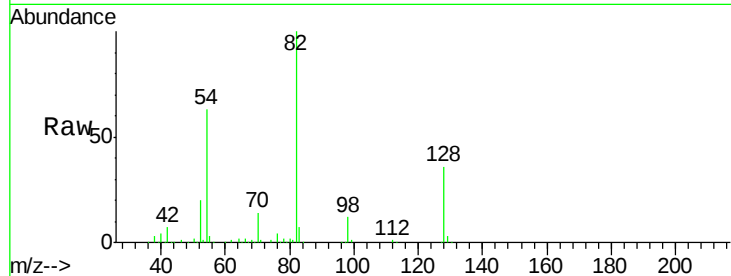




#19
n-Nitroso-di-n-propylamine
Concen: 12.82 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081287.D
Acq: 29 Aug 2015 23:29

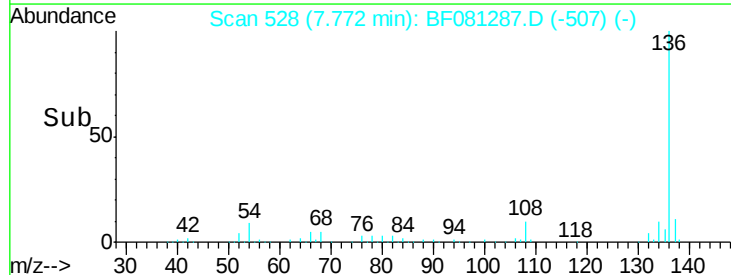
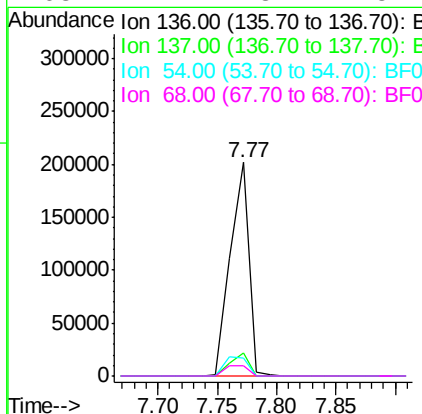
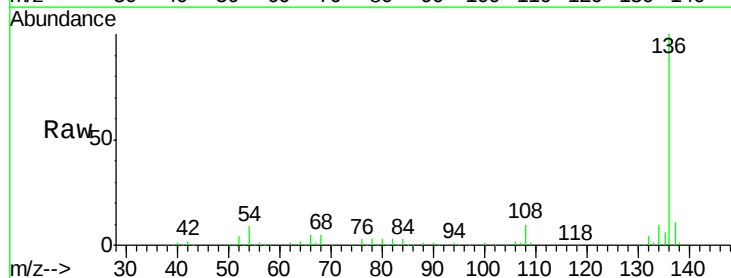
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 43968
Ion Ratio Lower Upper
70 100
42 53.8 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 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: BF081287.D
Acq: 29 Aug 2015 23:29

Tgt Ion: 136 Resp: 220258
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.5 7.7 11.5
68 4.7 3.4 5.2

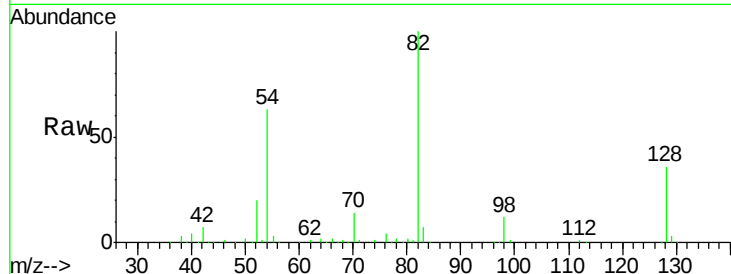




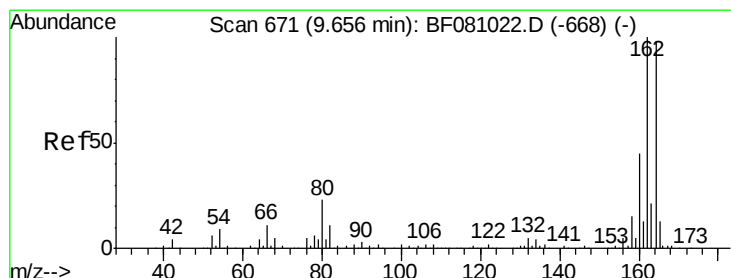
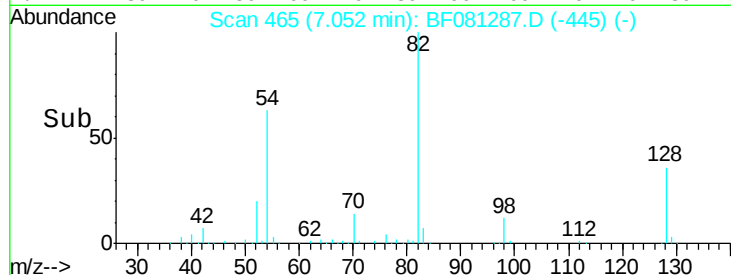
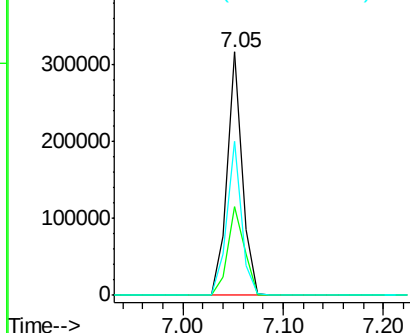
#23
 Nitrobenzene-d5
 Concen: 68.94 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081287.D
 Acq: 29 Aug 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	332381
Ion Ratio	Lower	Upper	
82	100		
128	36.4	28.6	42.8
54	63.2	55.1	82.7

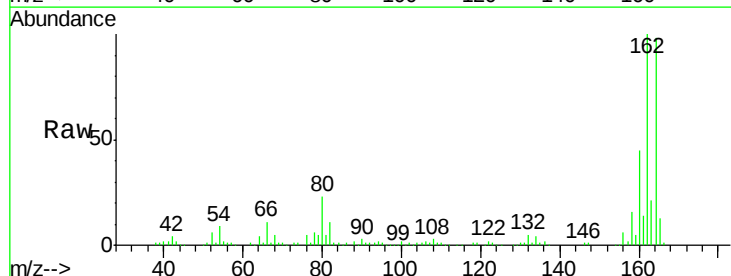


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

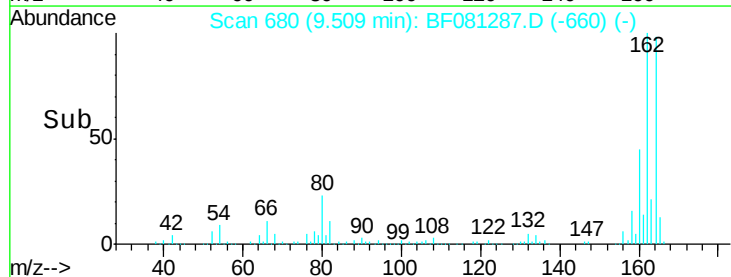
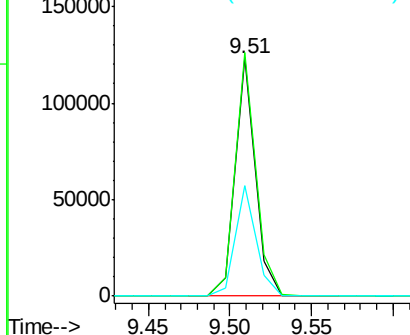


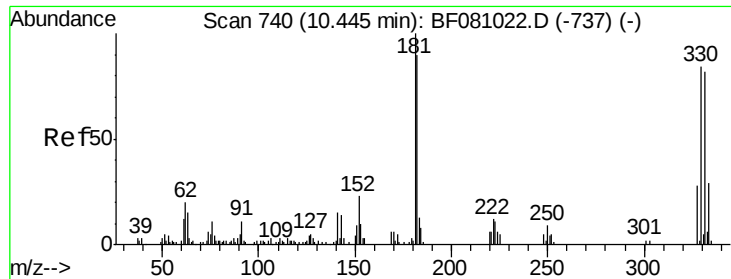
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081287.D
 Acq: 29 Aug 2015 23:29

Tgt Ion	164	Resp	104139
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.8	125.8
160	46.1	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





#41

2,4,6-Tribromophenol

Concen: 92.06 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

Instrument :

BNA_F

ClientSampleId :

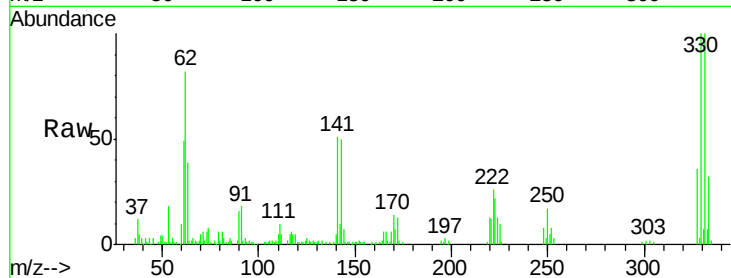
Tot Ion:330 Resp: 83104

Ion Ratio Lower Upper

330 100

332 99.8 77.3 115.9

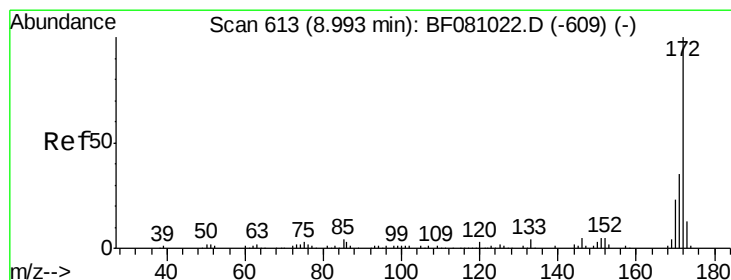
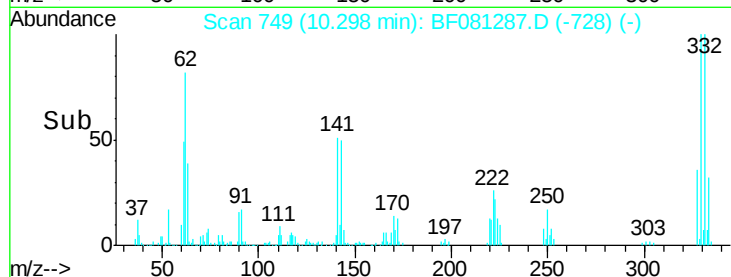
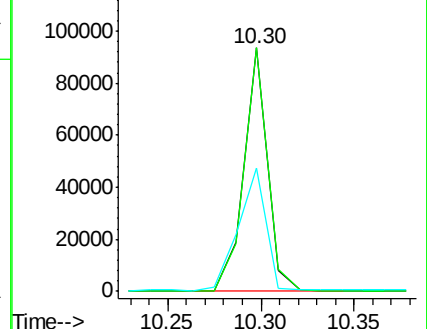
141 58.6 44.9 67.3



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: 76.89 ng

RT: 8.86 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

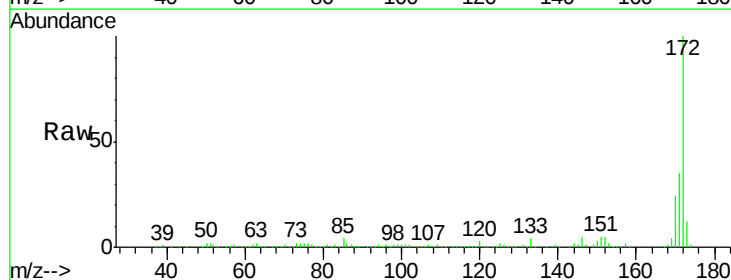
Tgt Ion:172 Resp: 611088

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

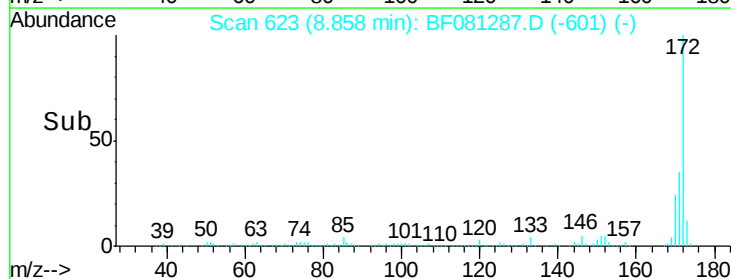
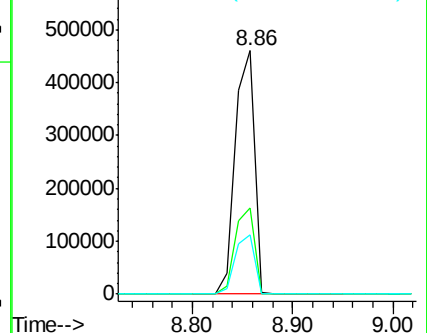
170 24.3 19.4 29.2

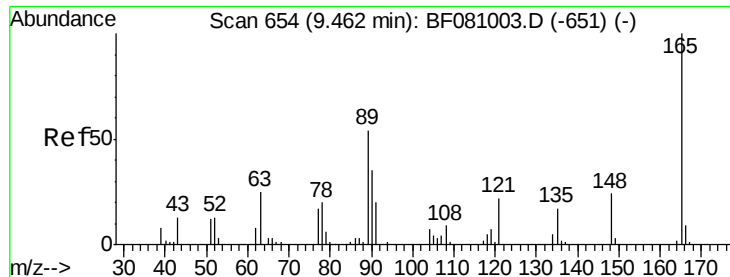


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

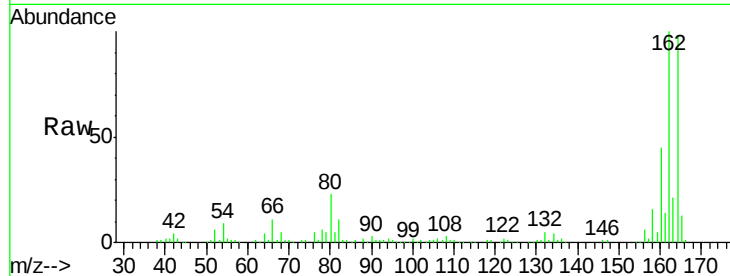




#50
 2,6-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.51 min Scan# 680
 Delta R.T. 0.14 min
 Lab File: BF081287.D
 Acq: 29 Aug 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :

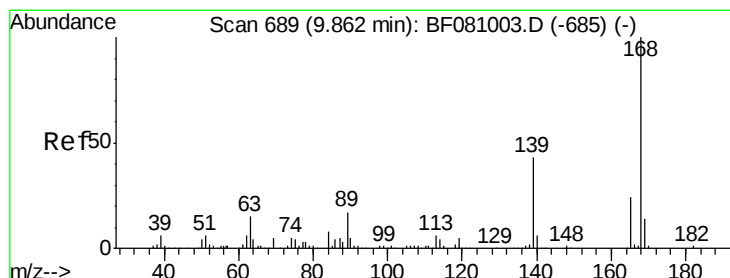
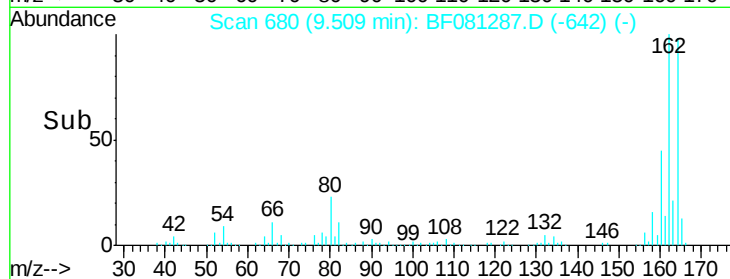
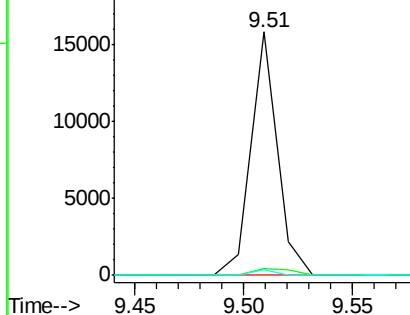
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	49.5	74.3#
89	2.4	47.6	71.4#



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: 5.45 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081287.D
 Acq: 29 Aug 2015 23:29

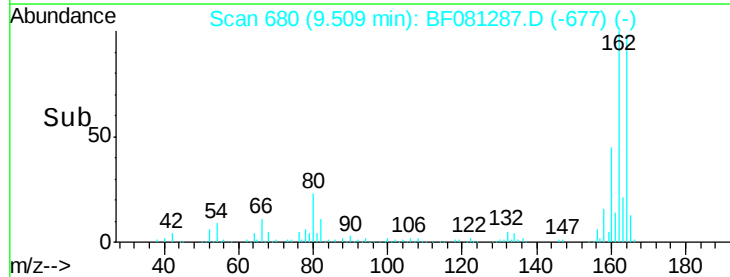
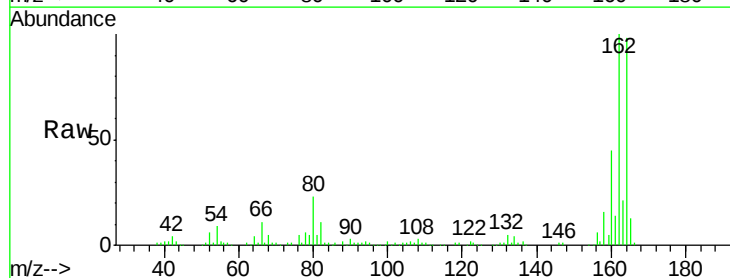
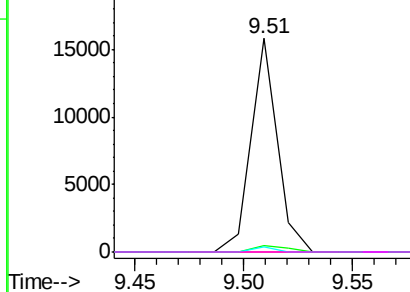
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.2	78.4#
89	2.4	60.1	90.1#
182	0.0	1.8	2.6#

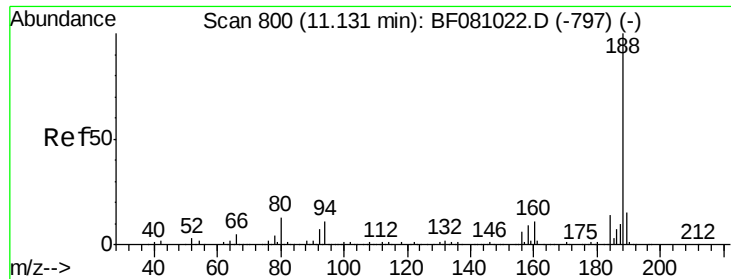
Abundance Ion 165.00 (164.70 to 165.70): E

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

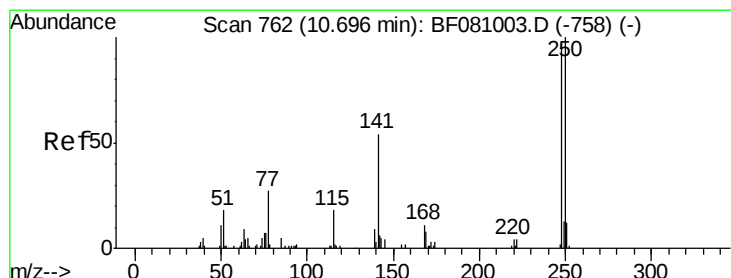
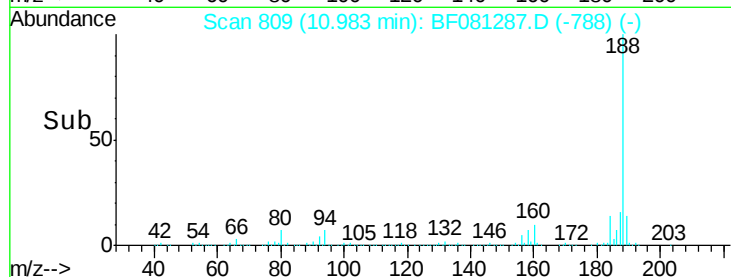
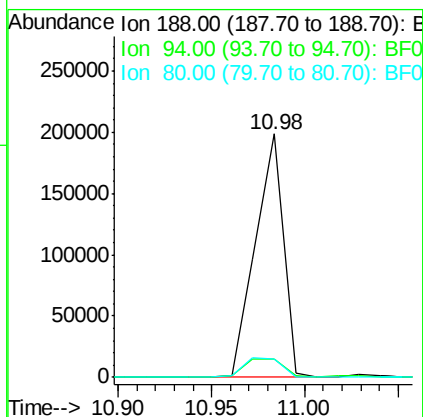
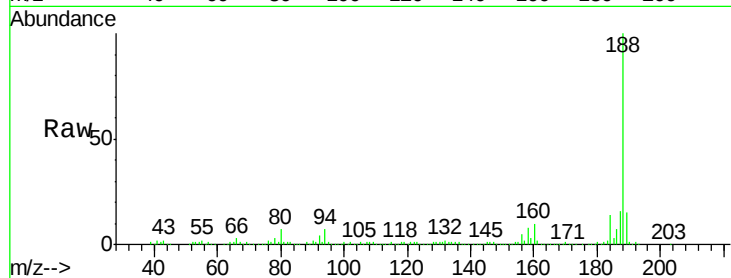




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. -0.06 min
Lab File: BF081287.D
Acq: 29 Aug 2015 23:29

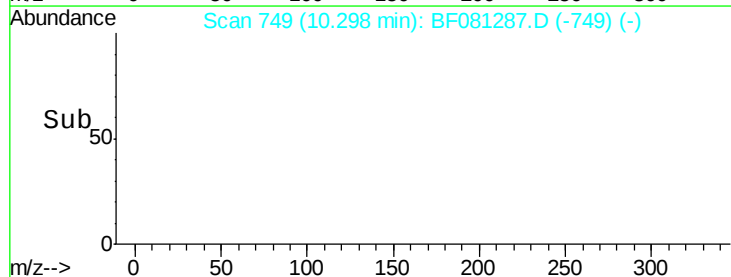
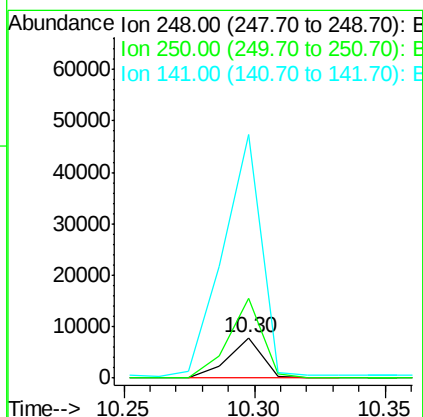
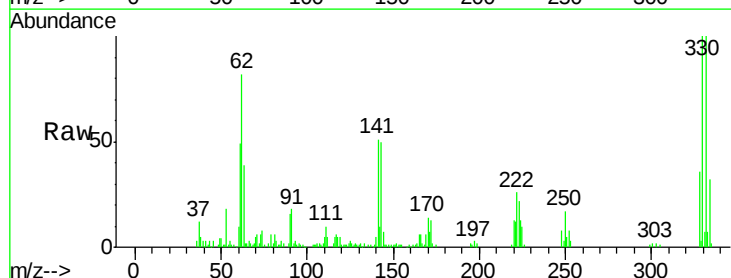
Instrument :
BNA_F
ClientSampled :

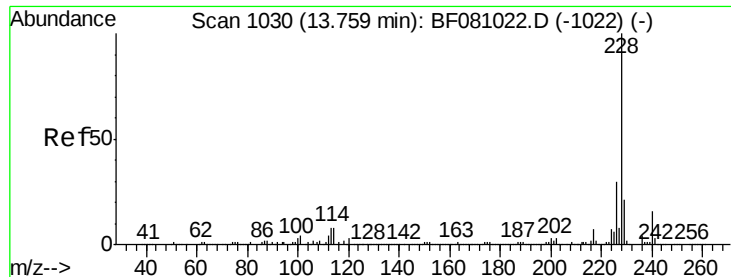
Tot Ion:188 Resp: 205948
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 7.4 9.5 14.3#



#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.30 min Scan# 749
Delta R.T. -0.30 min
Lab File: BF081287.D
Acq: 29 Aug 2015 23:29

Tgt Ion:248 Resp: 7227
Ion Ratio Lower Upper
248 100
250 195.9 77.8 116.6#
141 599.0 39.8 59.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

Instrument :

BNA_F

ClientSampleId :

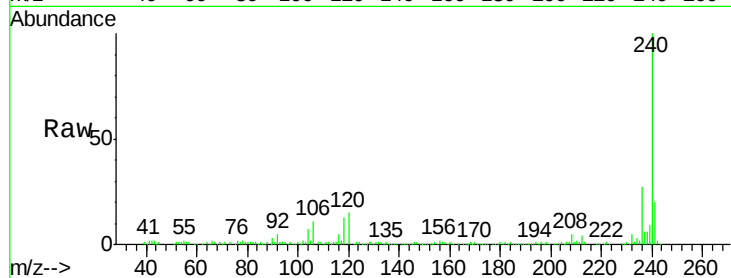
Tot Ion:240 Resp: 155089

Ion Ratio Lower Upper

240 100

120 14.6 5.6 8.4#

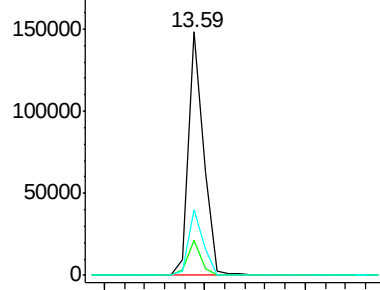
236 26.9 20.6 30.8



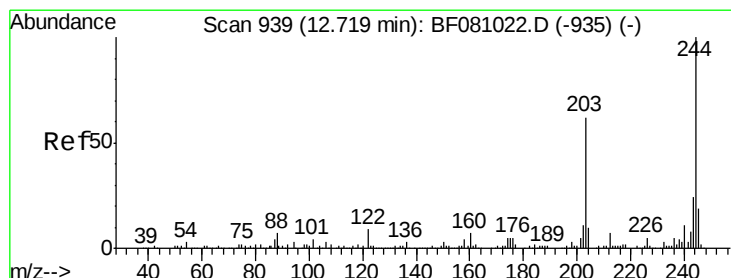
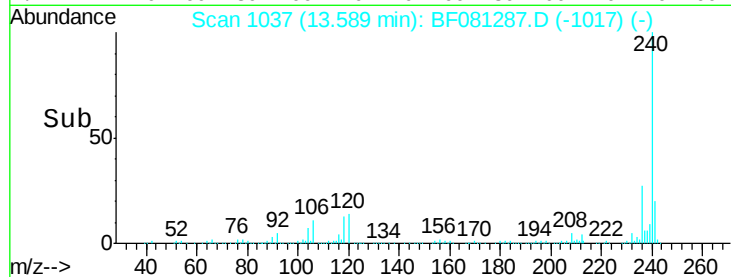
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.50 13.60 13.70



#78

Terphenyl-d14

Concen: 77.30 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

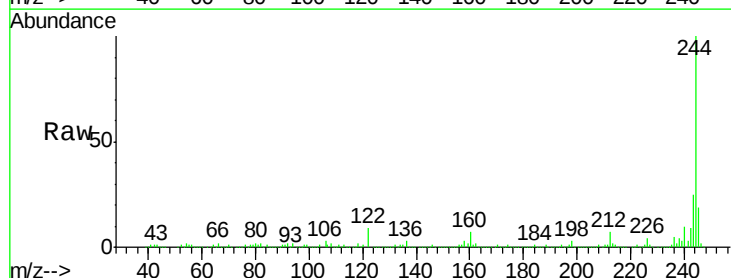
Tgt Ion:244 Resp: 559180

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

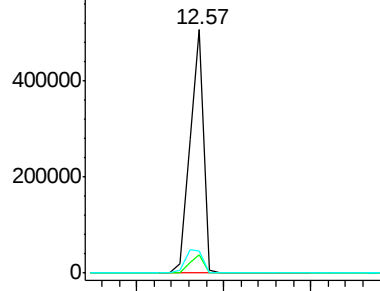
122 9.0 8.2 12.4



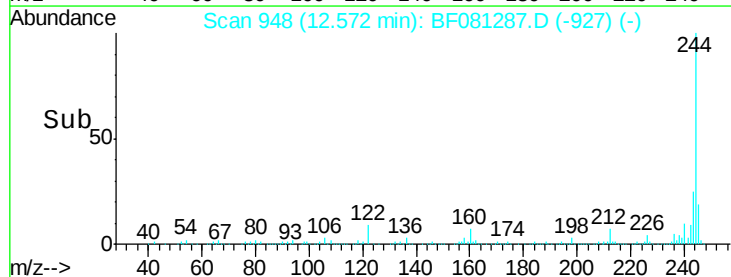
Abundance Ion 244.00 (243.70 to 244.70): E

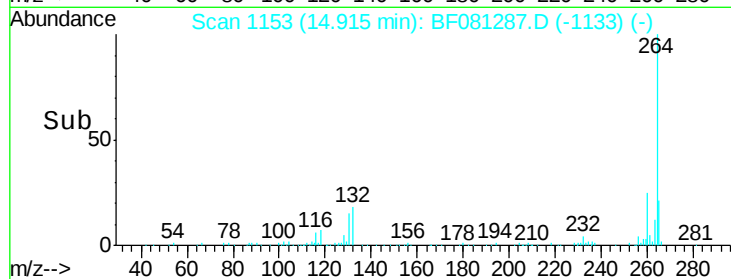
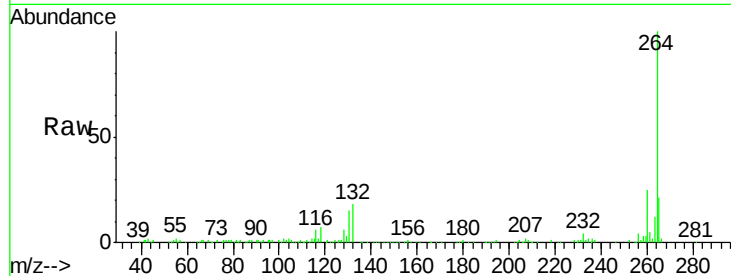
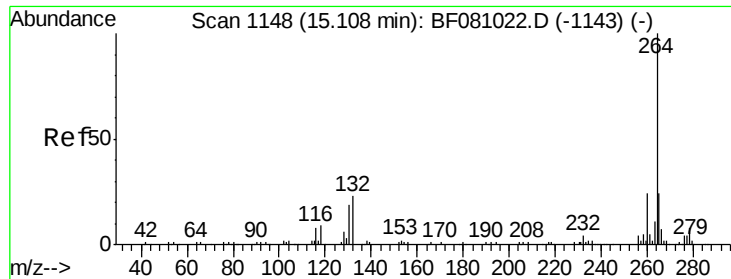
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.50 12.60 12.70





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.92 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF081287.D

Acq: 29 Aug 2015 23:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 118375

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.4 17.5 26.3

