

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081105.D
 Acq On : 20 Aug 2015 3:39
 Operator : UM/IZ
 Sample : G3304-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 04:44:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

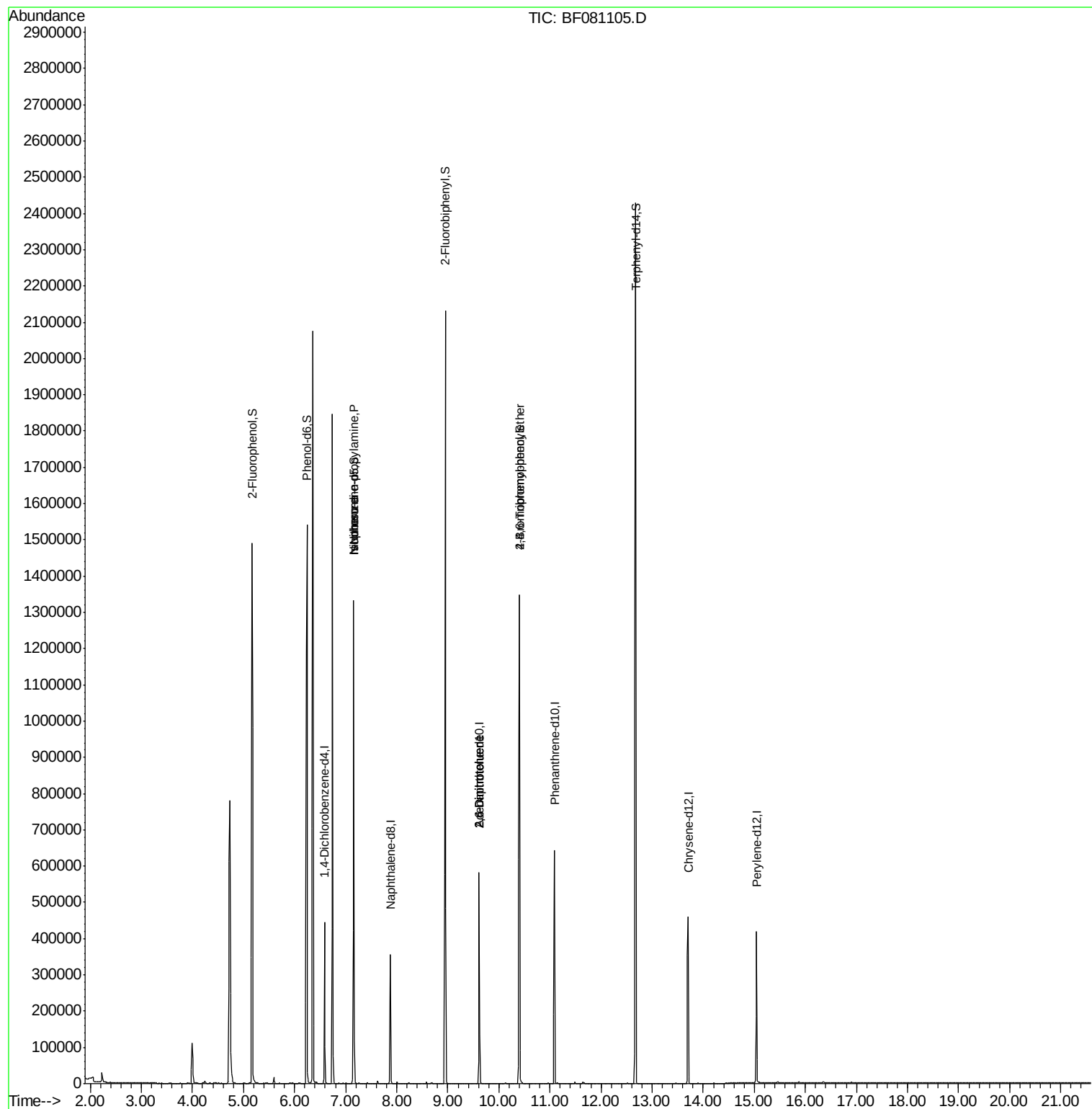
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	59655	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	236085	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	111203	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	238160	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	215836	20.00	ng	-0.04
86) Perylene-d12	15.04	264	171719	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	514671	129.77	ng	-0.02
7) Phenol-d6	6.24	99	715035	138.17	ng	-0.02
23) Nitrobenzene-d5	7.16	82	428745	82.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	132302	137.25	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	722024	85.07	ng	-0.04
78) Terphenyl-d14	12.68	244	770487	76.53	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	58537	16.33	ng	# 71
25) Isophorone	7.16	82	330030	34.24	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	13744	6.99	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	13744	5.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10448	4.47	ng	# 1

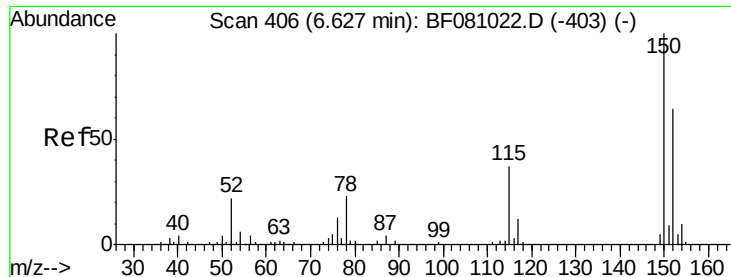
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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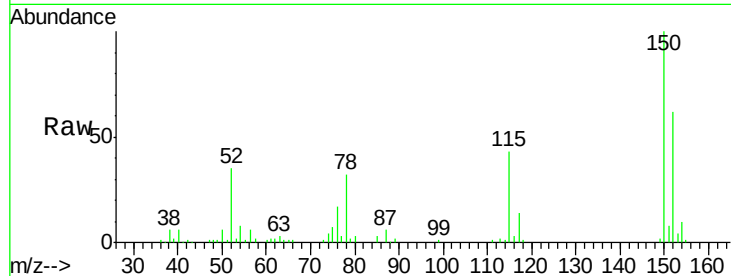


#1

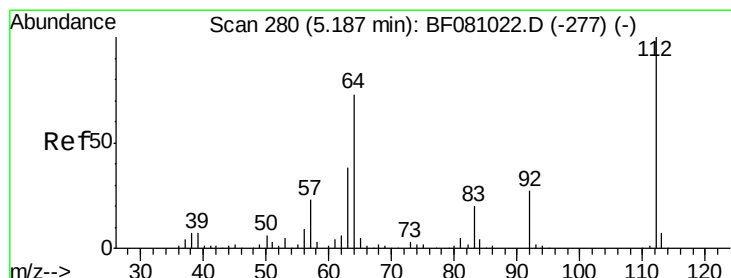
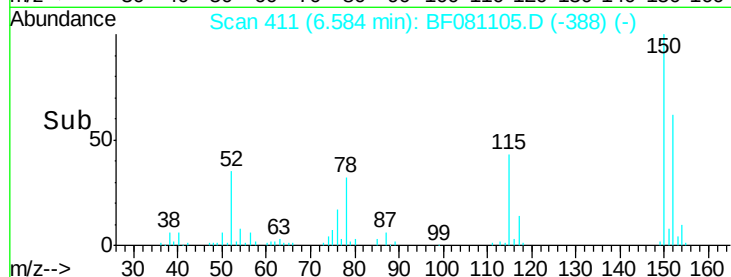
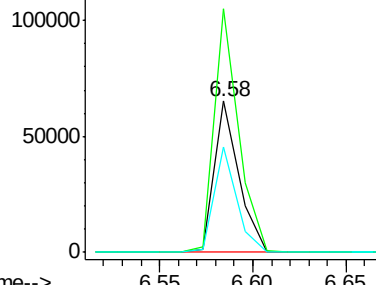
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081105.D
Acq: 20 Aug 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	123.8	185.6
115	69.4	52.1	78.1



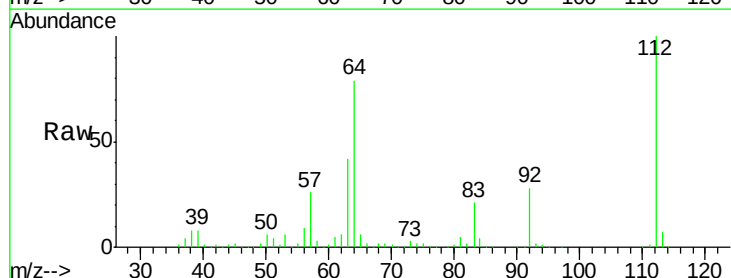
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



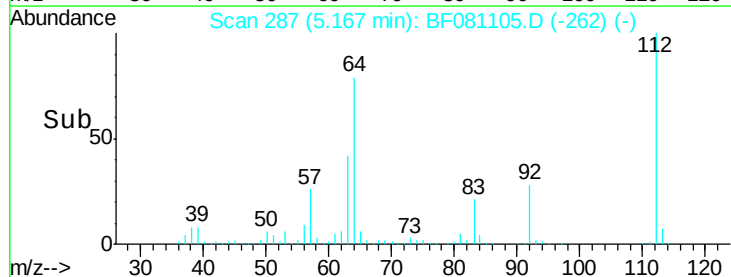
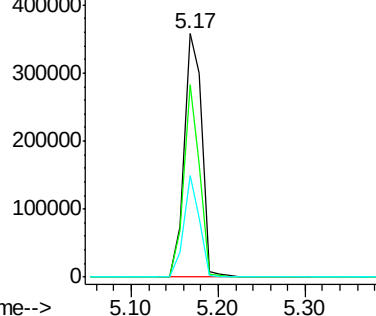
#5

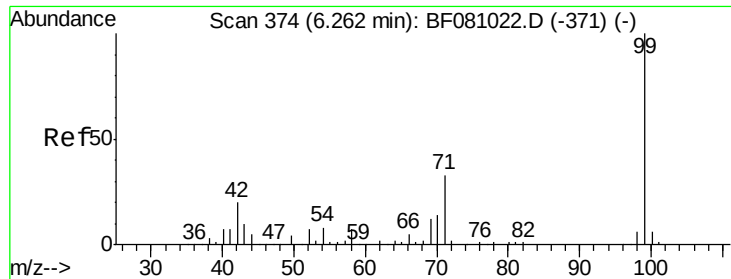
2-Fluorophenol
Concen: 129.77 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081105.D
Acq: 20 Aug 2015 3:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.0	66.9	100.3
63	42.0	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: 138.17 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

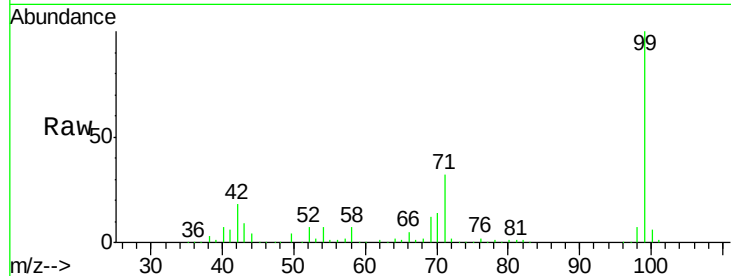
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 715035

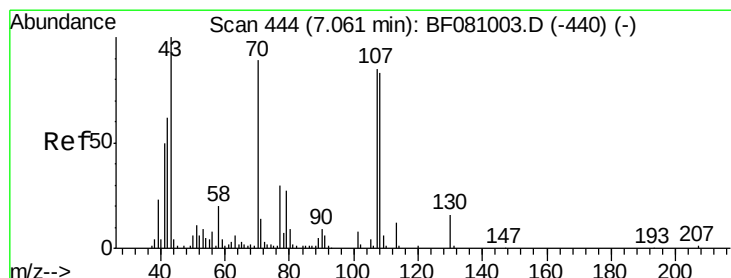
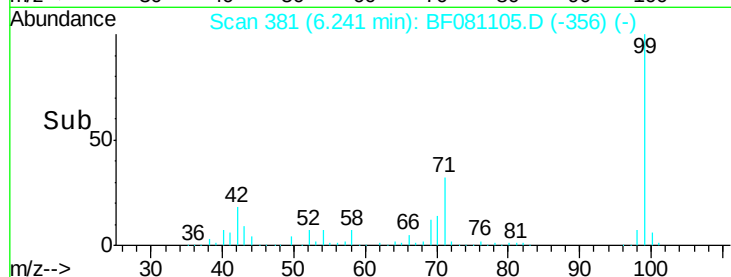
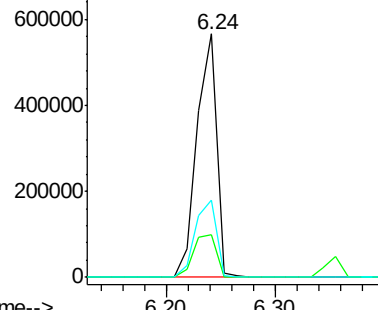
Ion	Ratio	Lower	Upper
99	100		
42	17.6	19.6	29.4#
71	31.8	31.2	46.8



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: 16.33 ng

RT: 7.16 min Scan# 461

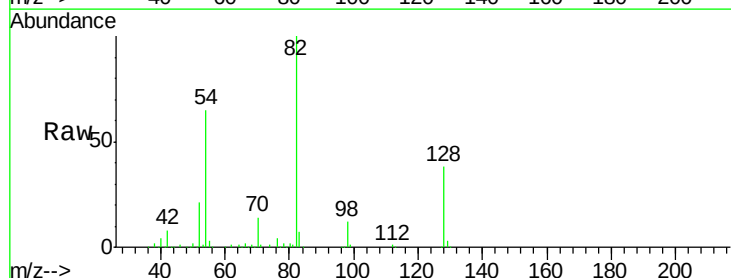
Delta R.T. 0.11 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

Tgt Ion: 70 Resp: 58537

Ion	Ratio	Lower	Upper
70	100		
42	55.5	65.0	97.4#
101	0.0	7.4	11.2#
130	1.8	13.0	19.4#

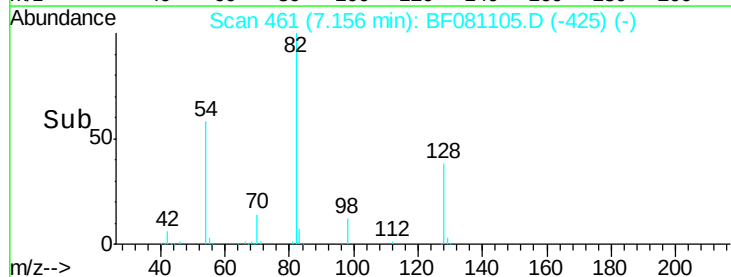
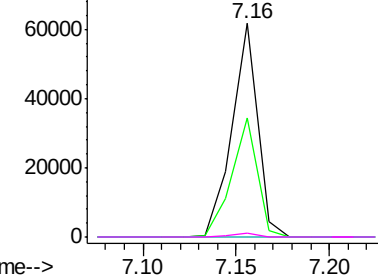


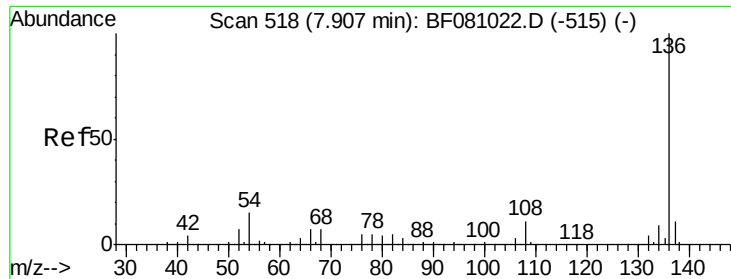
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

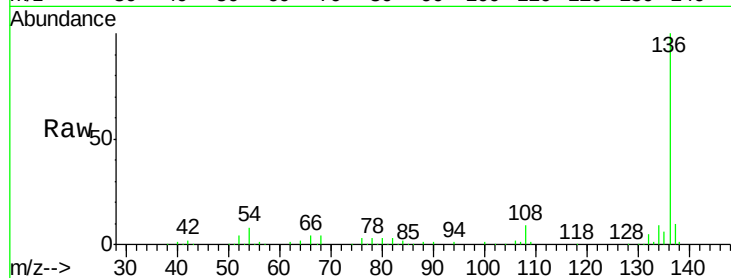




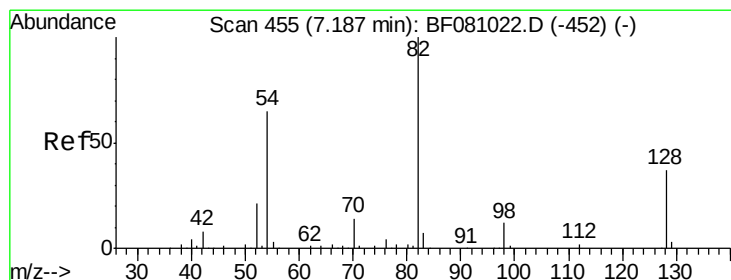
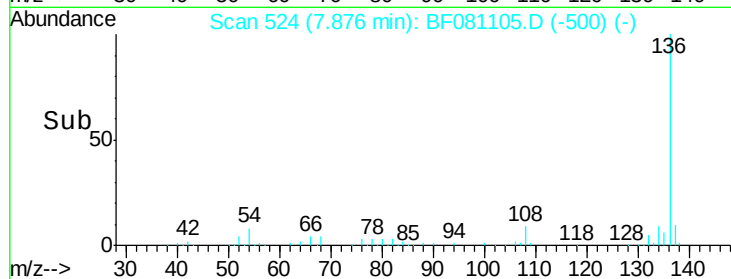
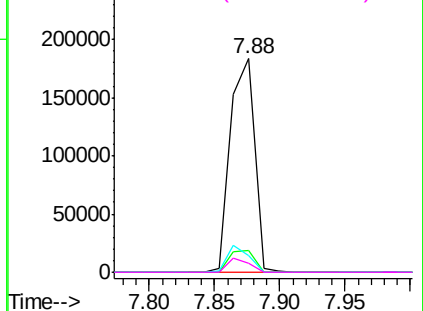
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081105.D
Acq: 20 Aug 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	236085
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.2	12.2
54 8.0	7.7	11.5
68 4.5	3.4	5.2

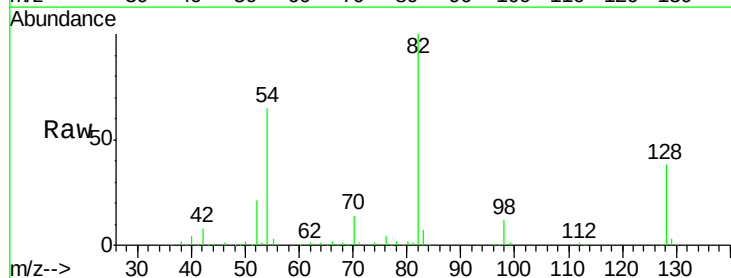


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

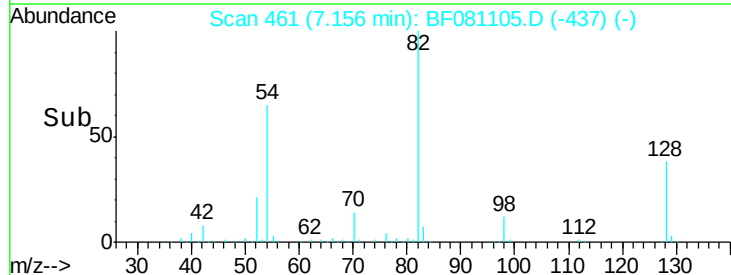
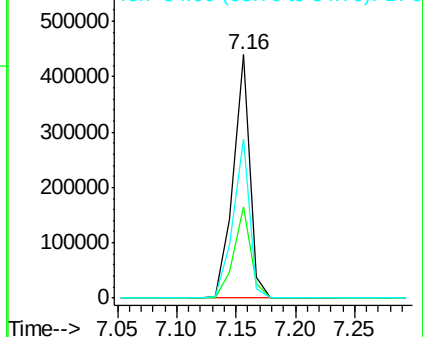


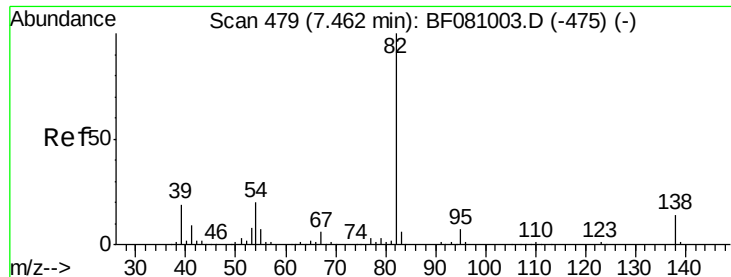
#23
Nitrobenzene-d5
Concen: 82.96 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081105.D
Acq: 20 Aug 2015 3:39

Tgt Ion: 82	Resp:	428745
Ion Ratio	Lower	Upper
82 100		
128 37.6	28.6	42.8
54 65.4	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: 34.24 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

Instrument :

BNA_F

ClientSampled :

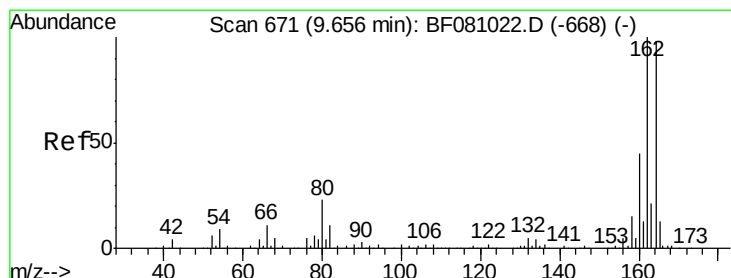
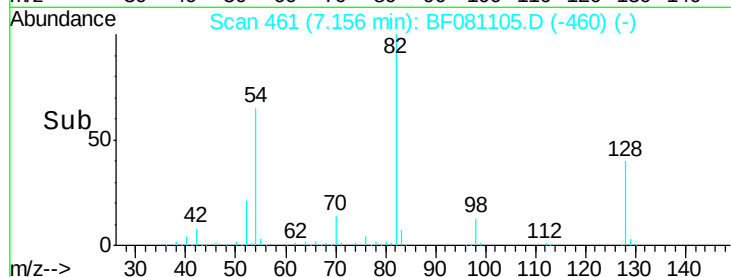
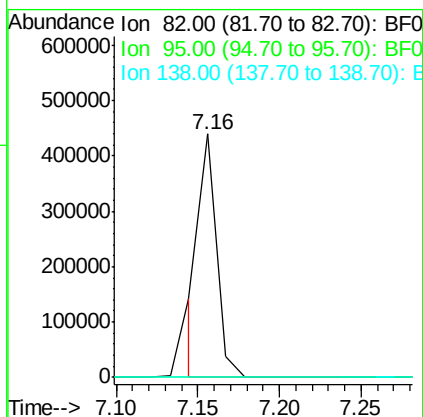
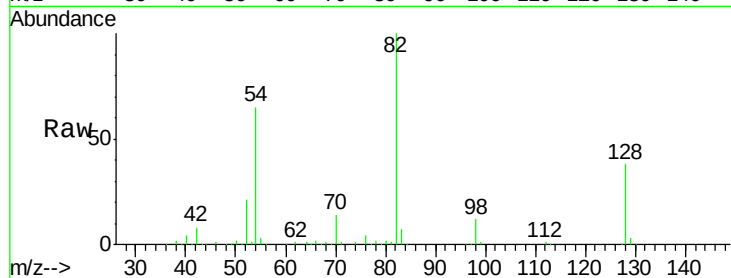
Tot Ion: 82 Resp: 330030

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

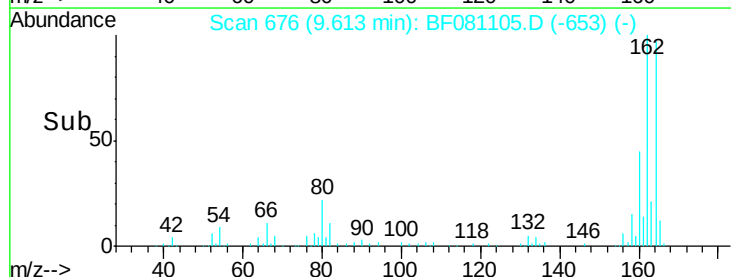
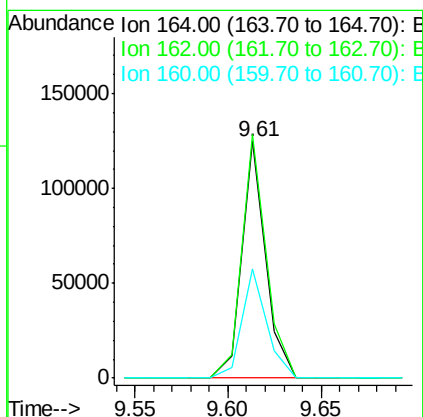
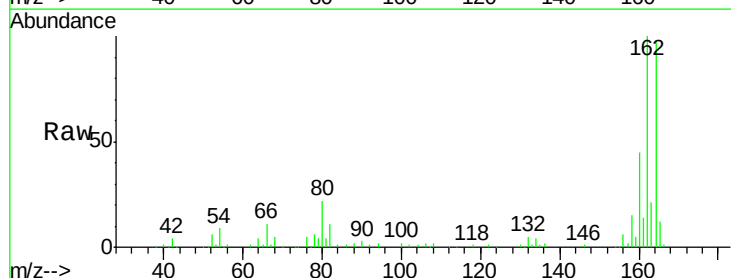
Tgt Ion: 164 Resp: 111203

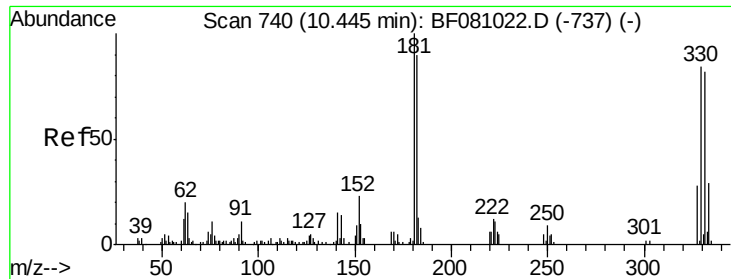
Ion Ratio Lower Upper

164 100

162 102.8 83.8 125.8

160 46.0 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 137.25 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

Instrument :

BNA_F

ClientSampleId :

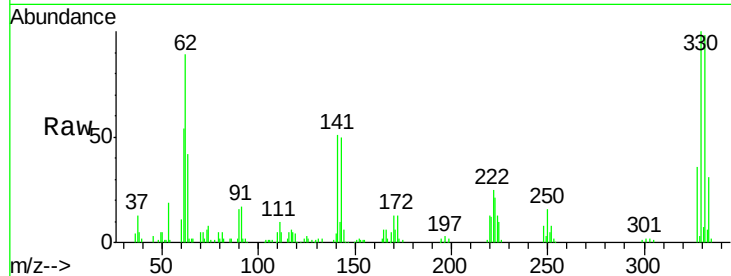
Tot Ion:330 Resp: 132302

Ion Ratio Lower Upper

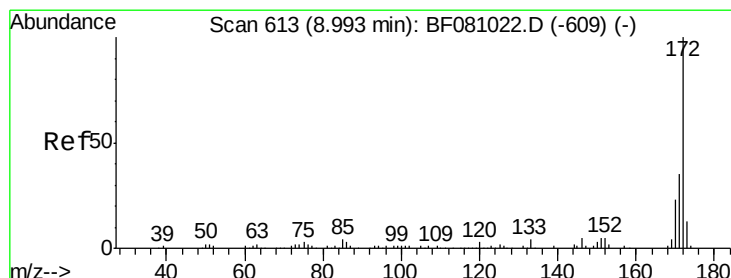
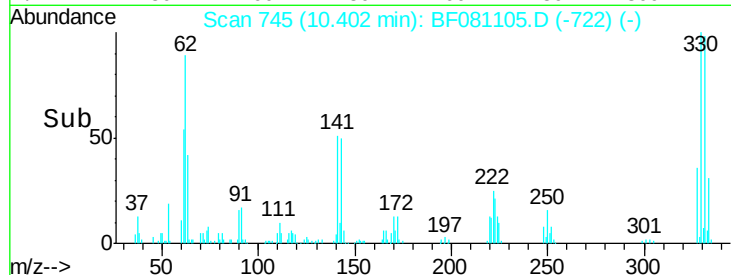
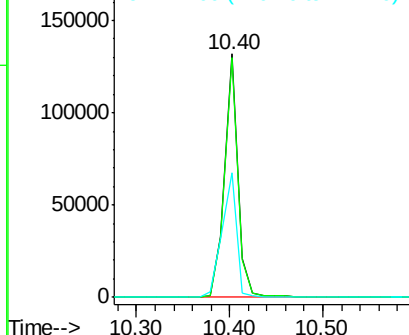
330 100

332 98.0 77.3 115.9

141 55.0 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: 85.07 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

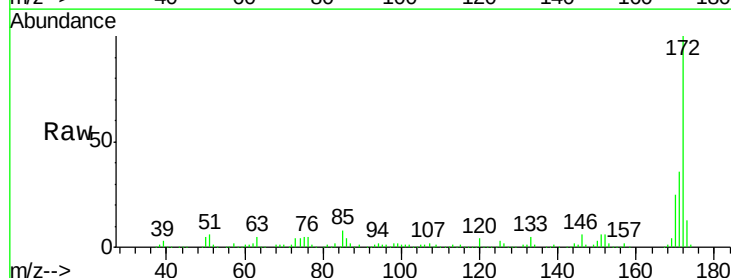
Tgt Ion:172 Resp: 722024

Ion Ratio Lower Upper

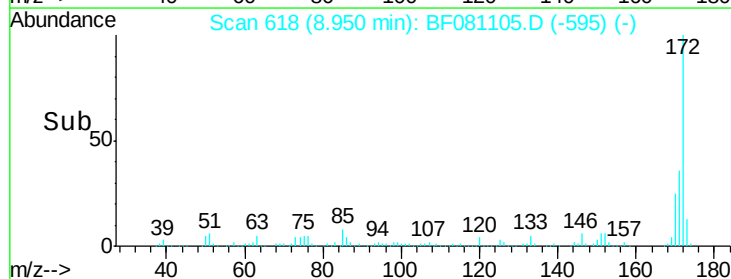
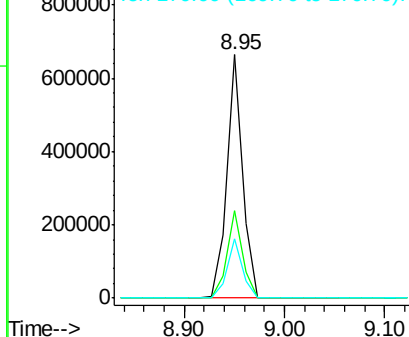
172 100

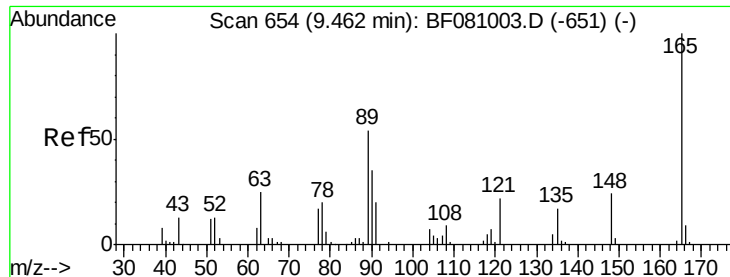
171 36.1 28.9 43.3

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

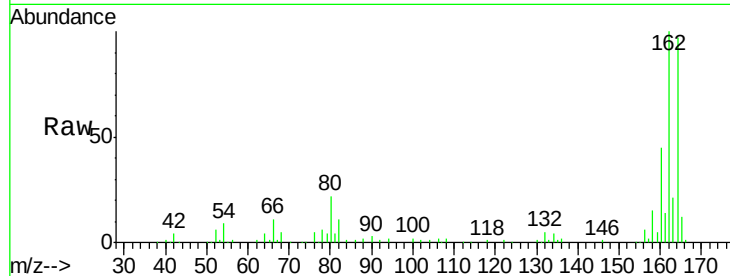




#50
 2,6-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081105.D
 Acq: 20 Aug 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

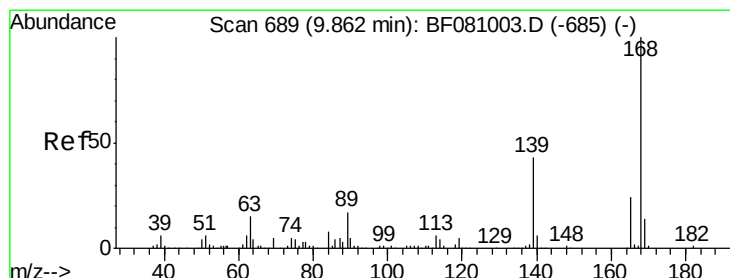
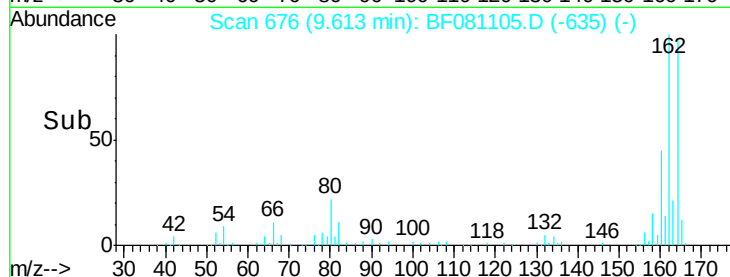
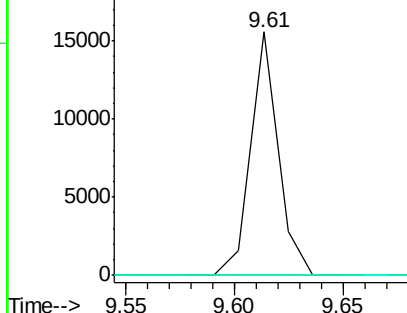
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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: 5.27 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081105.D
 Acq: 20 Aug 2015 3:39

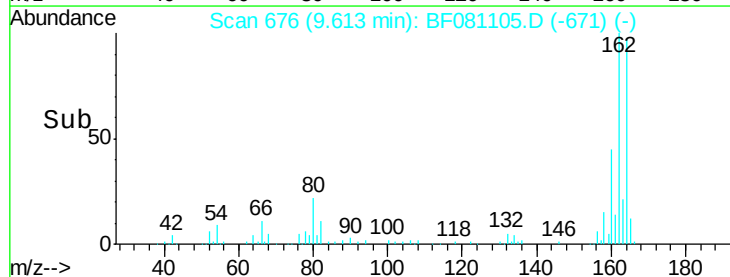
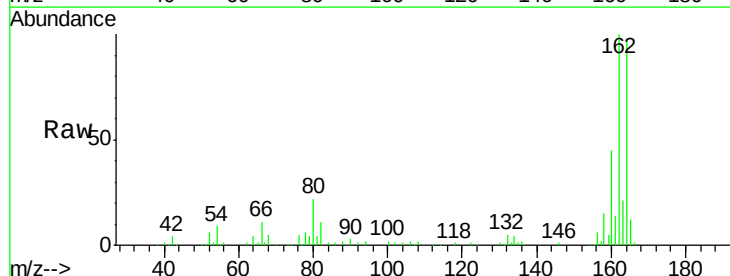
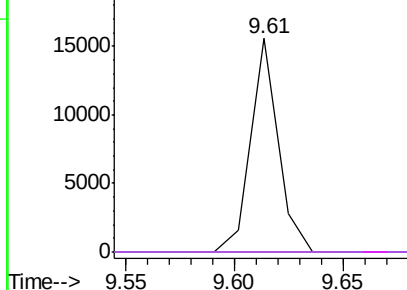
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

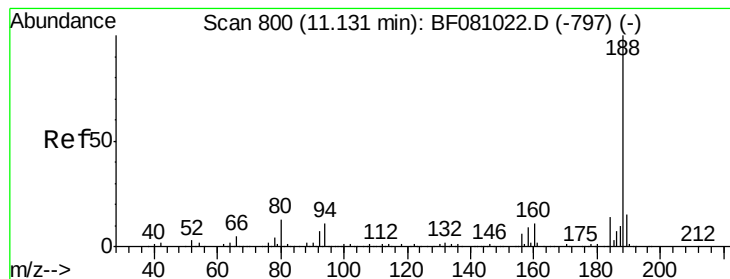
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

Instrument :

BNA_F

ClientSampleId :

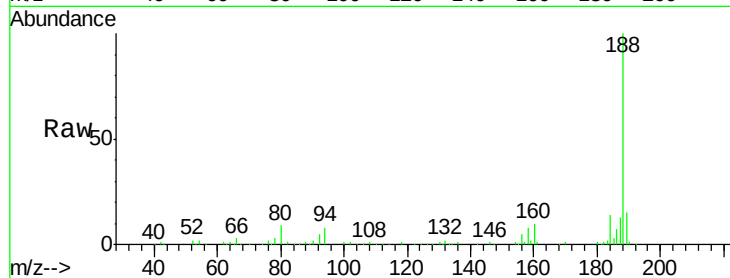
Tot Ion:188 Resp: 238160

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

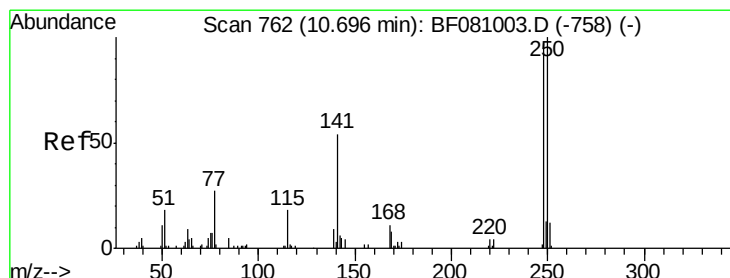
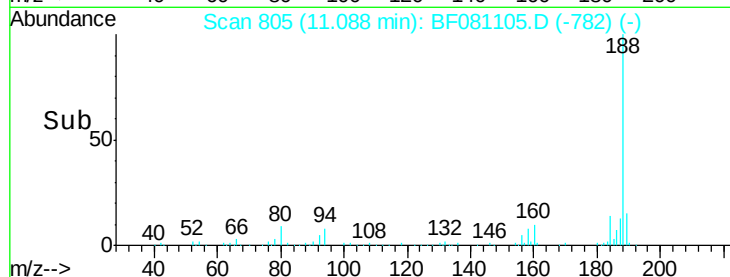
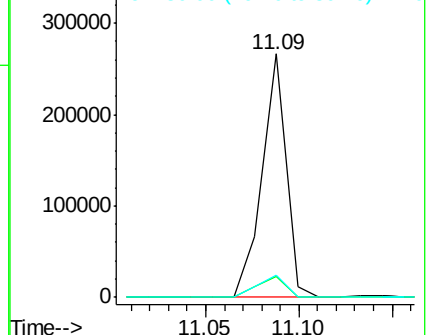
80 9.2 9.5 14.3#



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: 4.47 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

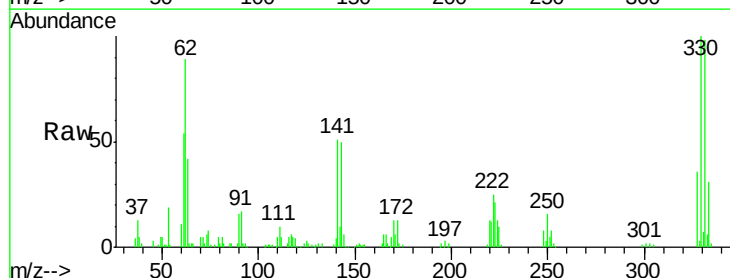
Tgt Ion:248 Resp: 10448

Ion Ratio Lower Upper

248 100

250 200.0 77.8 116.6#

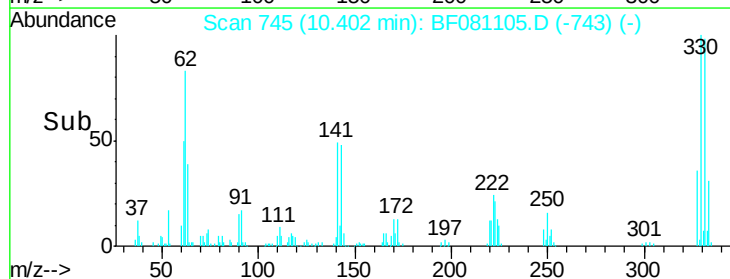
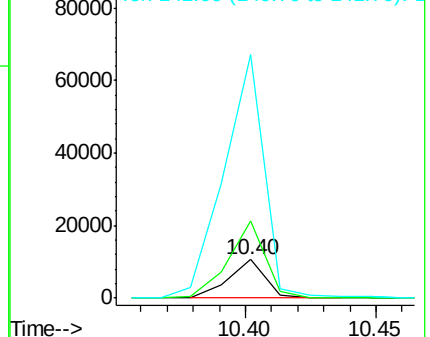
141 631.7 39.8 59.6#

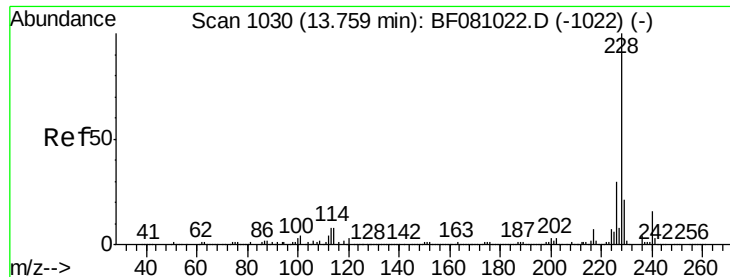


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

Instrument :

BNA_F

ClientSampleId :

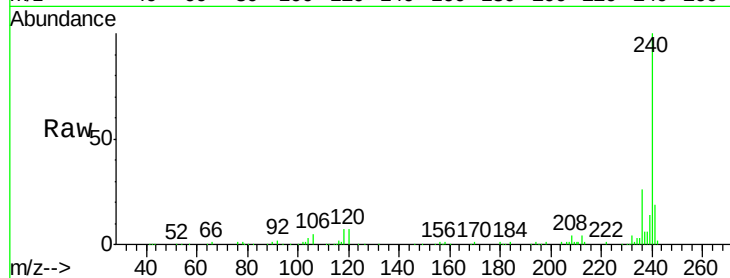
Tot Ion:240 Resp: 215836

Ion Ratio Lower Upper

240 100

120 7.4 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

250000

200000

150000

100000

50000

0

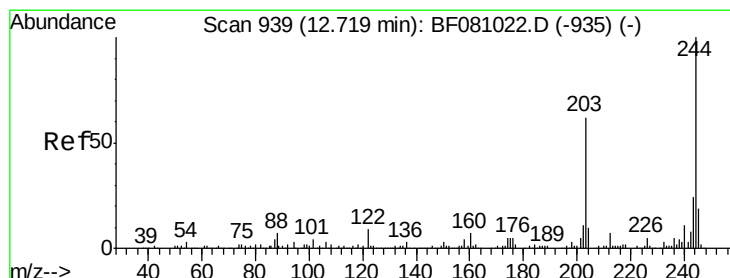
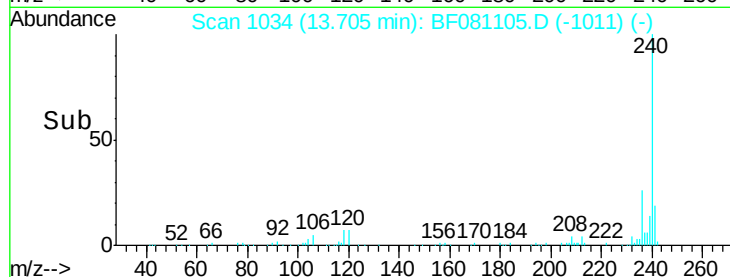
13.71

13.60

13.70

13.80

Time-->



#78

Terphenyl-d14

Concen: 76.53 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081105.D

Acq: 20 Aug 2015 3:39

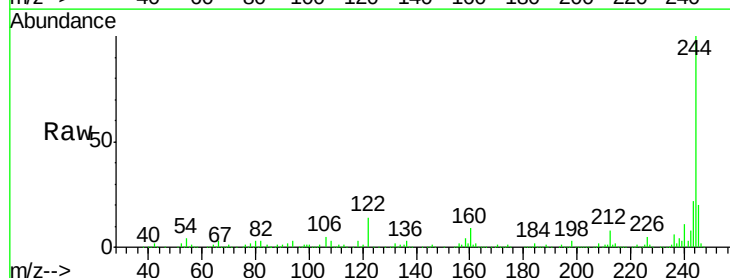
Tgt Ion:244 Resp: 770487

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 14.0 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

1000000

800000

600000

400000

200000

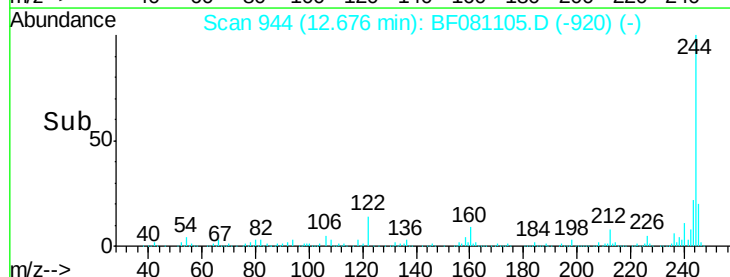
0

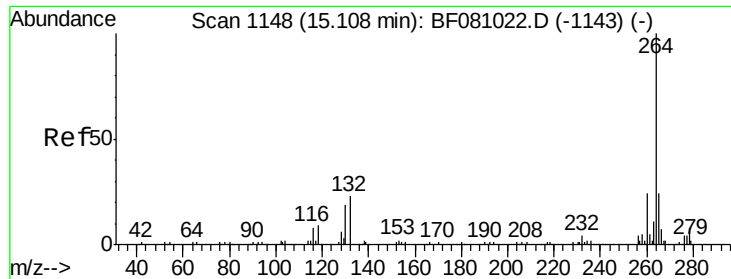
12.68

12.60

12.70

Time-->

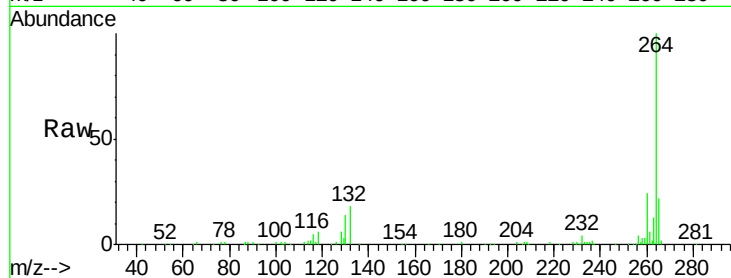




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081105.D
Acq: 20 Aug 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.7	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

