

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081107.D
 Acq On : 20 Aug 2015 4:40
 Operator : UM/IZ
 Sample : G3304-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 05:20:36 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

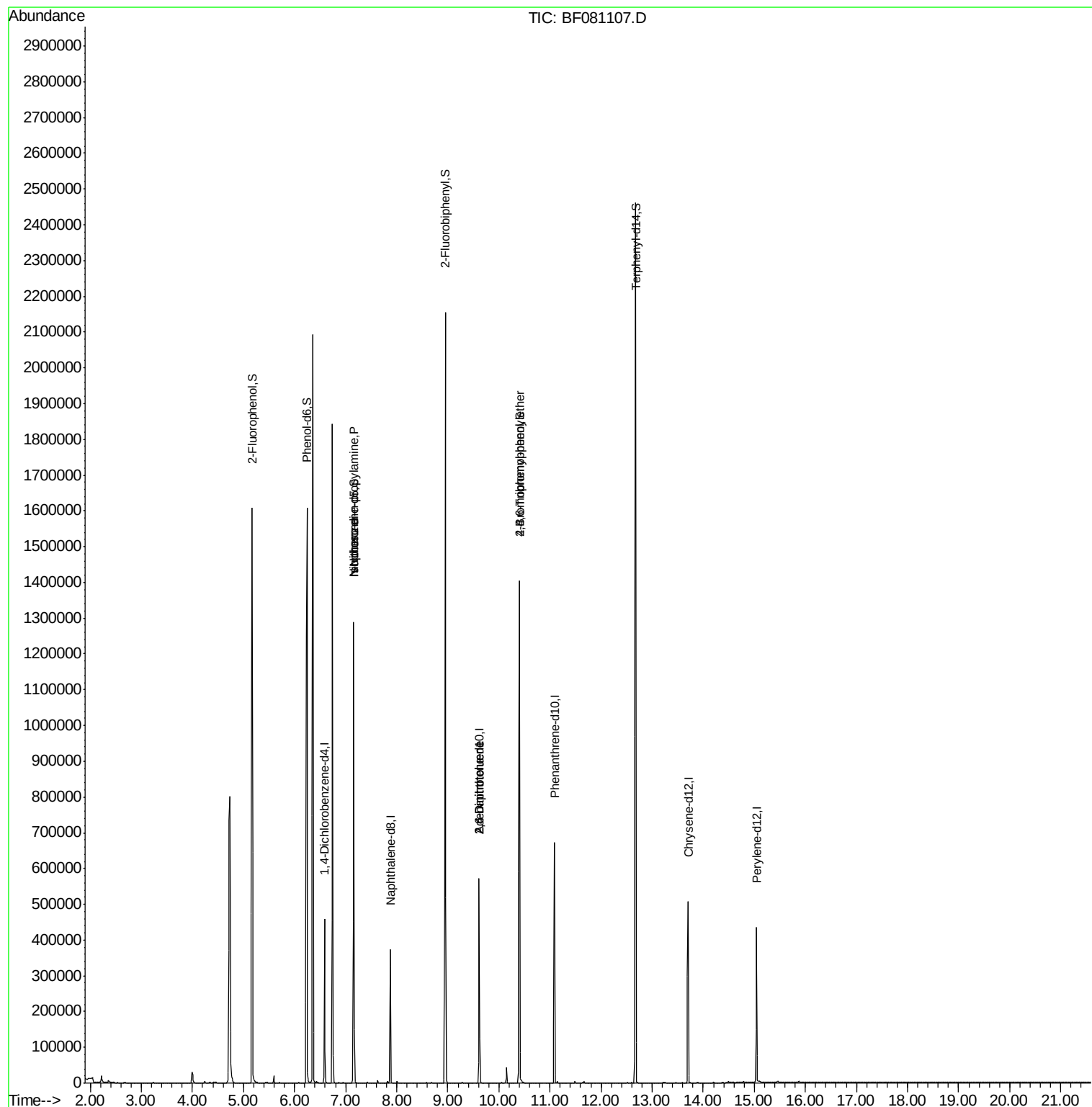
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60215	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	234159	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	109275	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	235119	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	214076	20.00	ng	-0.04
86) Perylene-d12	15.04	264	168277	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	491673	122.81	ng	-0.02
7) Phenol-d6	6.24	99	743701	142.38	ng	-0.02
23) Nitrobenzene-d5	7.16	82	433173	84.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	134329	141.81	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	722116	86.59	ng	-0.04
78) Terphenyl-d14	12.68	244	760108	76.12	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	59045	16.32	ng	# 70
25) Isophorone	7.16	82	328333	34.35	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	13813	7.15	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	13813	5.39	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10947	4.74	ng	# 1

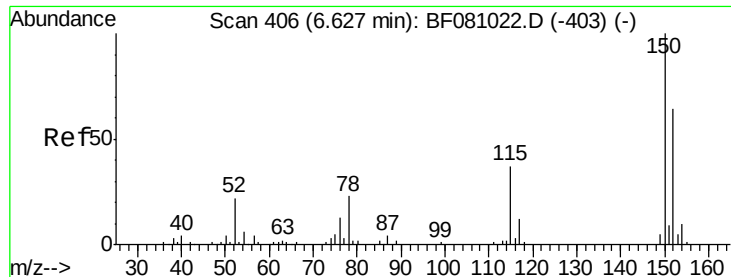
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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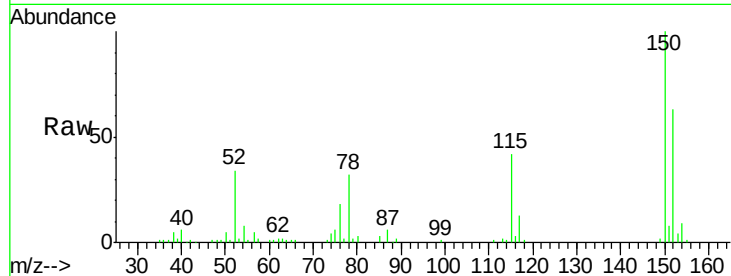


#1

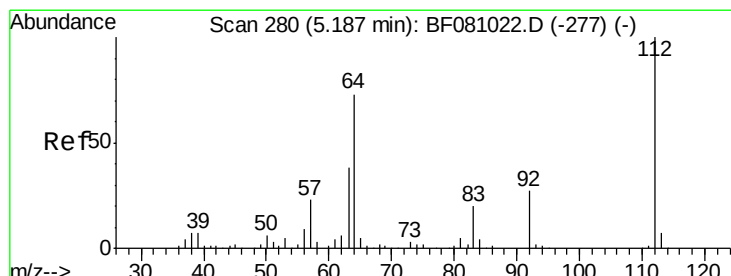
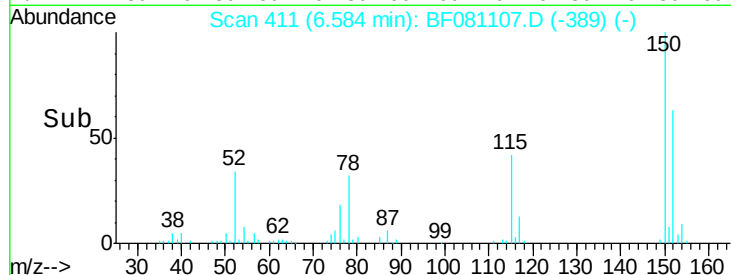
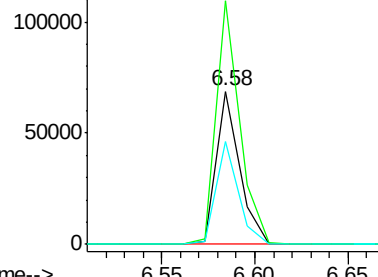
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60215
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 67.4 52.1 78.1



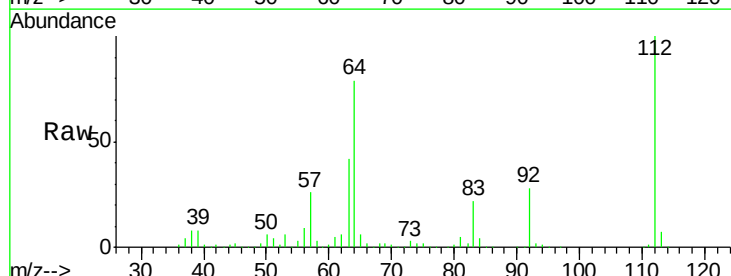
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



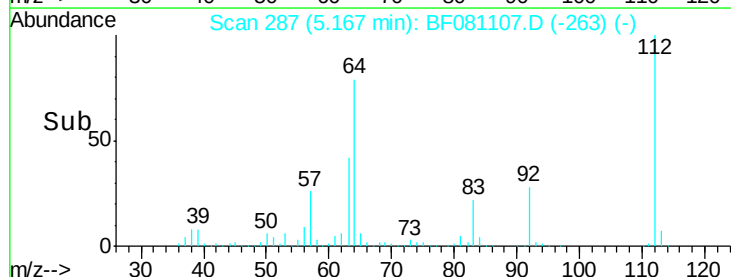
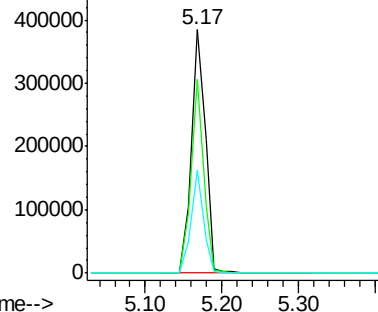
#5

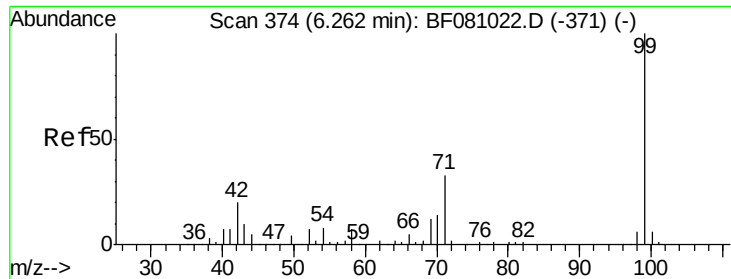
2-Fluorophenol
Concen: 122.81 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Tgt Ion:112 Resp: 491673
Ion Ratio Lower Upper
112 100
64 79.3 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: 142.38 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

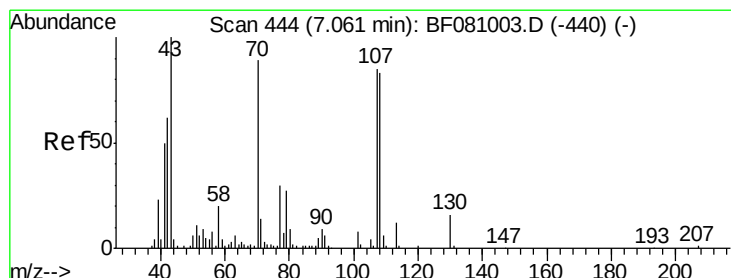
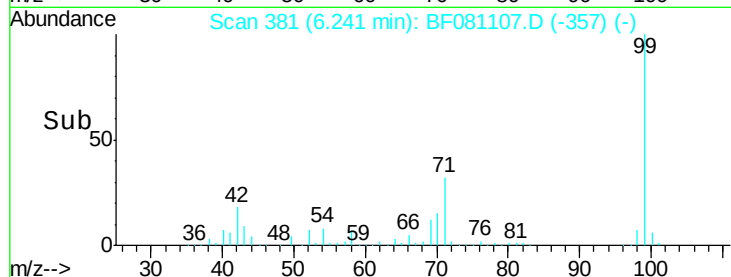
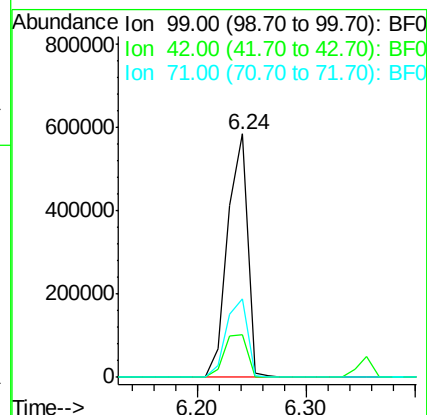
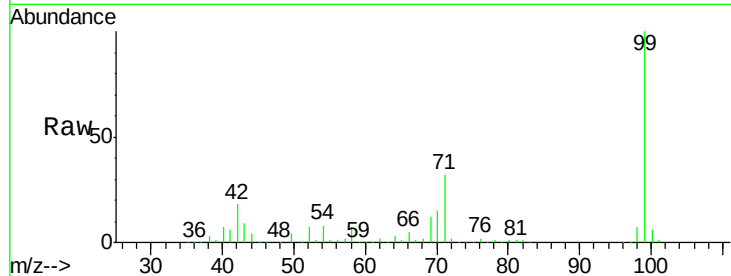
Tot Ion: 99 Resp: 743701

Ion Ratio Lower Upper

99 100

42 17.7 19.6 29.4#

71 32.4 31.2 46.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.32 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.11 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Tgt Ion: 70 Resp: 59045

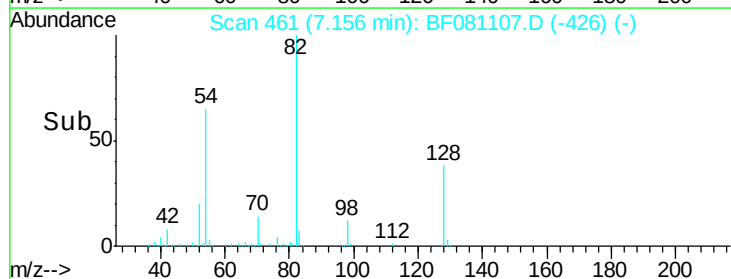
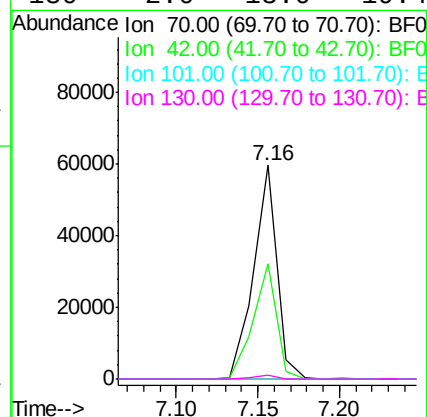
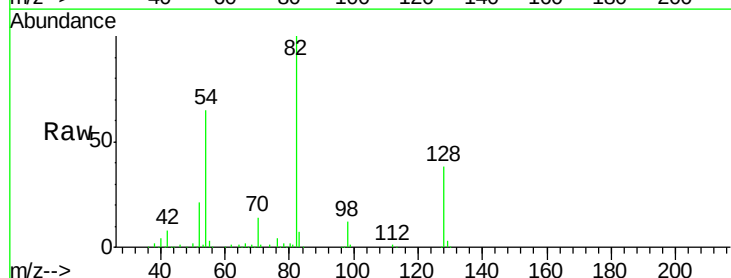
Ion Ratio Lower Upper

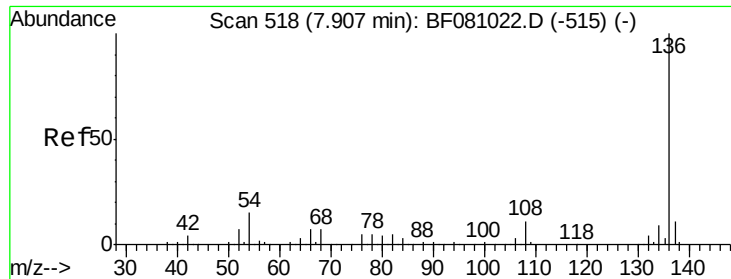
70 100

42 54.2 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#

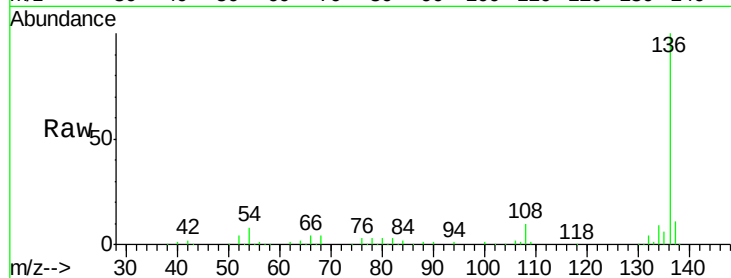




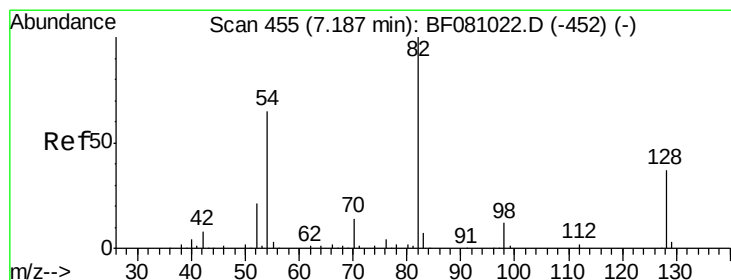
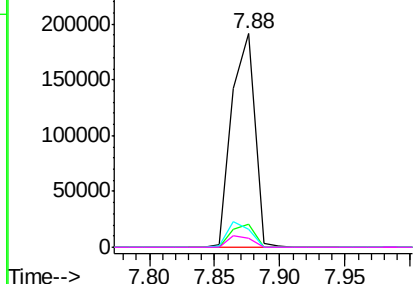
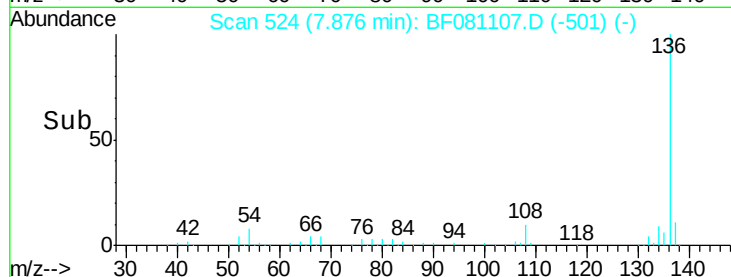
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	234159
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	8.2	7.7 11.5
68	4.4	3.4 5.2

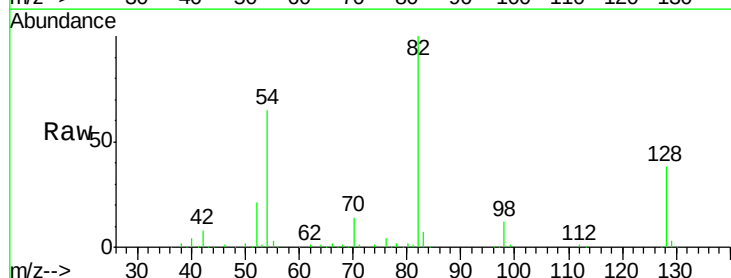


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

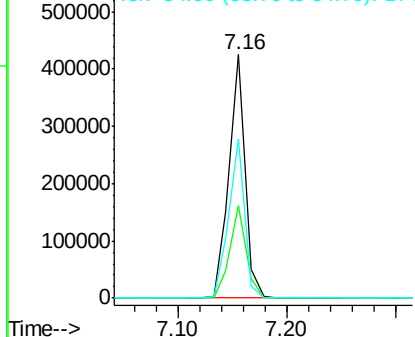
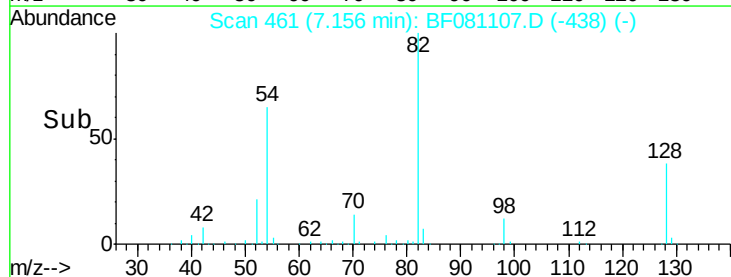


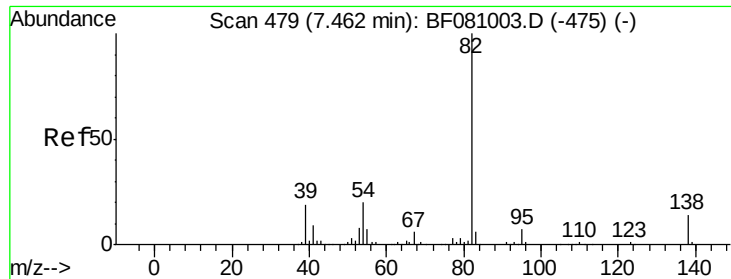
#23
Nitrobenzene-d5
Concen: 84.51 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Tgt Ion: 82	Resp:	433173
Ion Ratio	Lower	Upper
82	100	
128	38.0	28.6 42.8
54	65.1	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

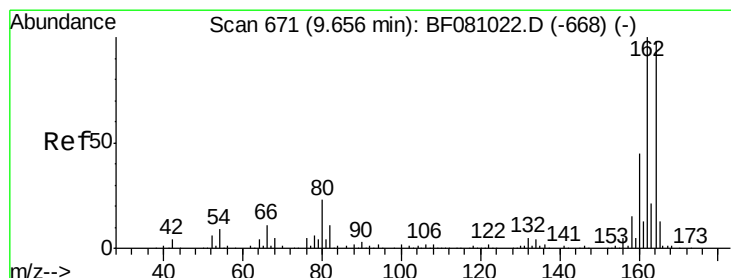
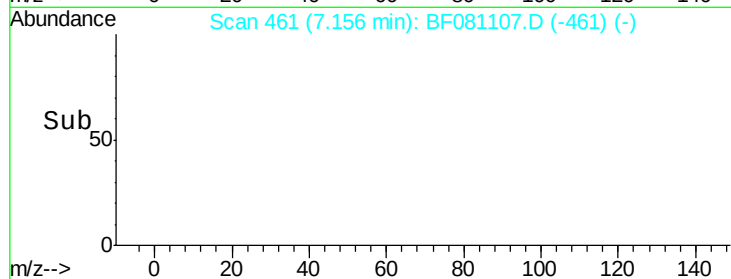
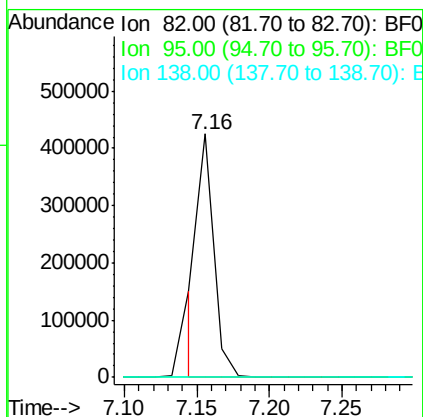
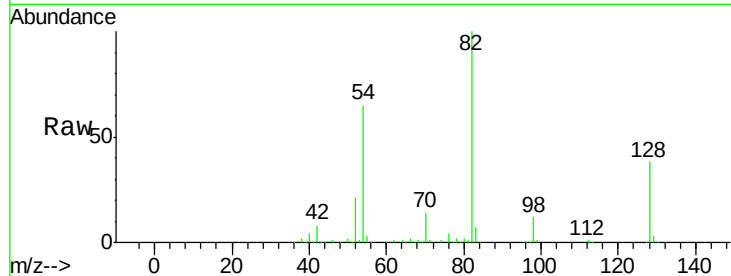




#25
Isophorone
Concen: 34.35 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

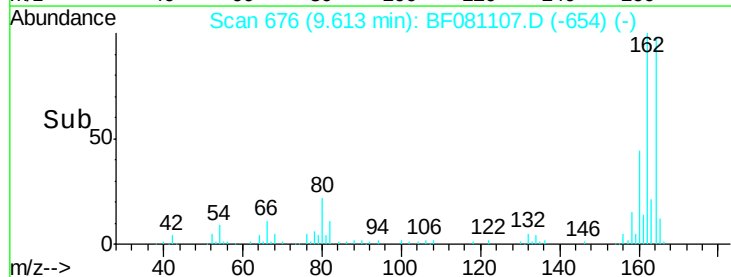
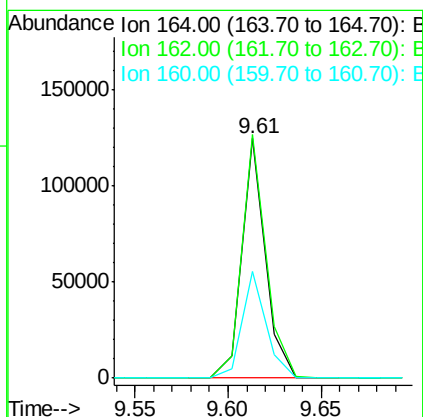
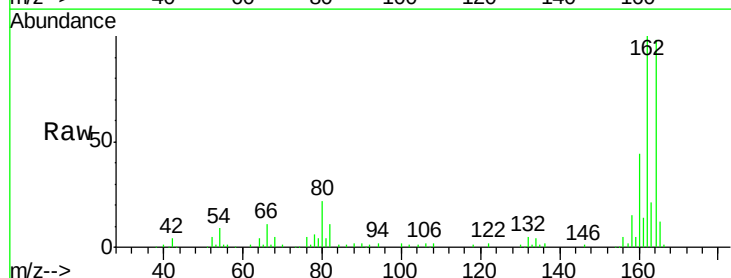
Instrument :
BNA_F
ClientSampleId :

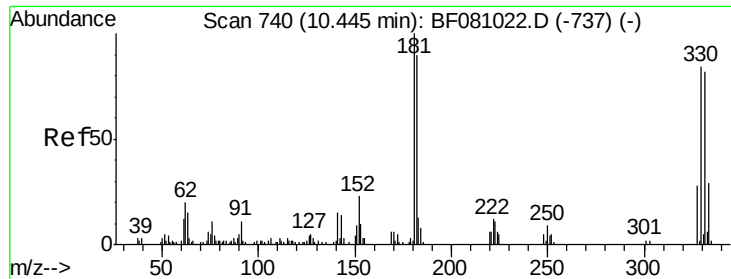
Tot Ion: 82 Resp: 328333
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 10.5 15.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Tgt Ion: 164 Resp: 109275
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.8
160 44.7 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 141.81 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

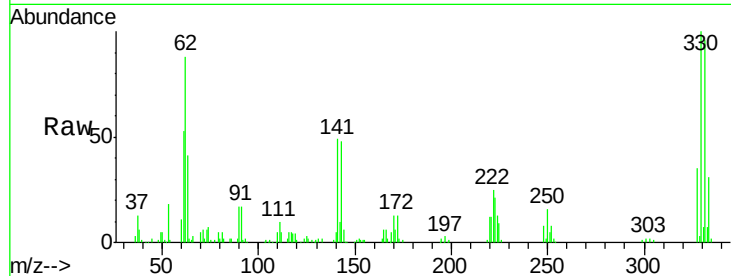
Tot Ion:330 Resp: 134329

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

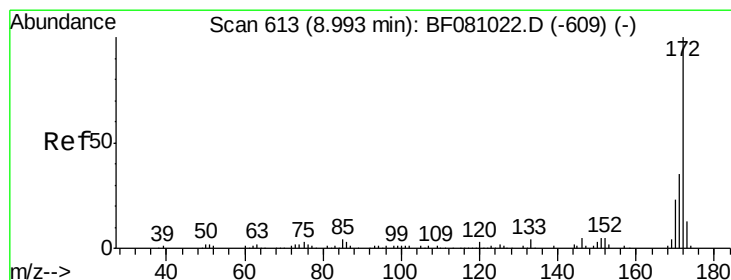
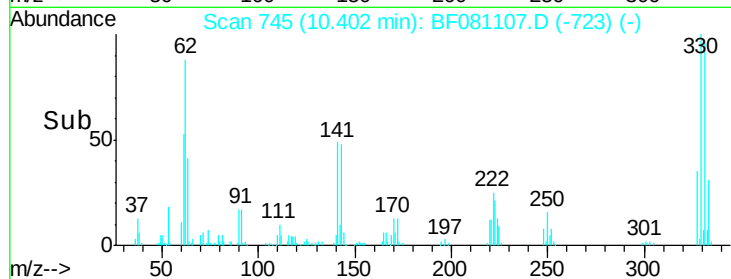
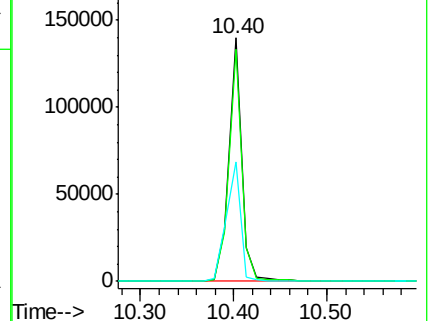
141 54.1 44.9 67.3



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: 86.59 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

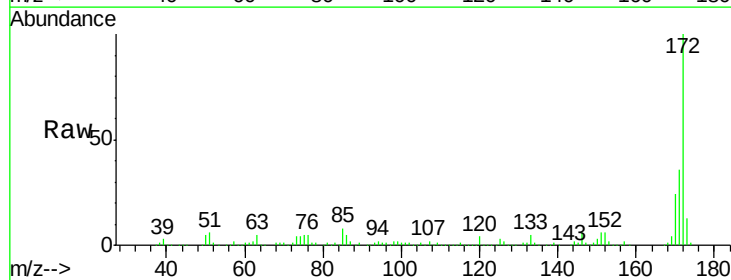
Tgt Ion:172 Resp: 722116

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

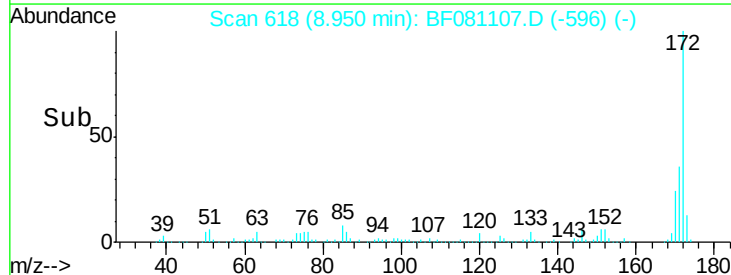
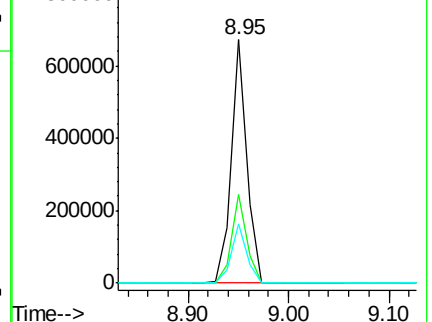
170 24.3 19.4 29.2

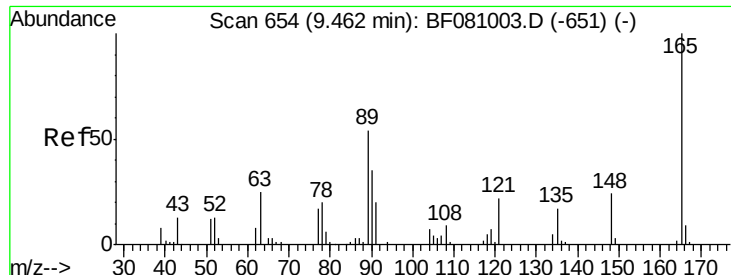


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

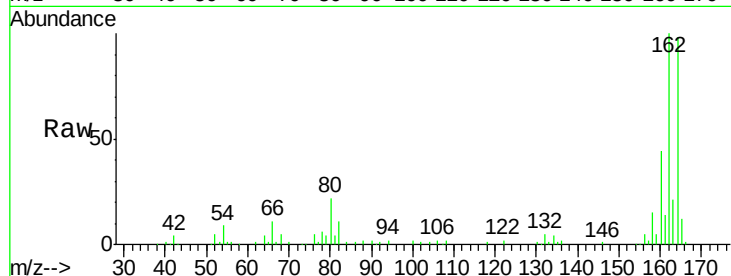




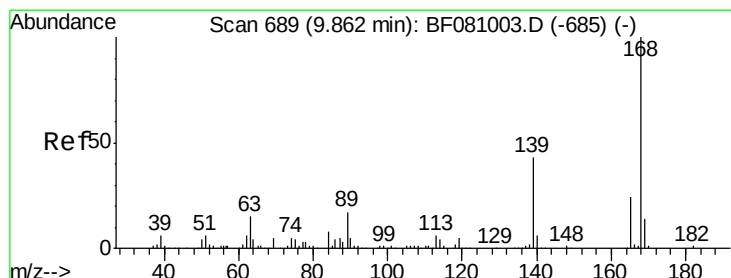
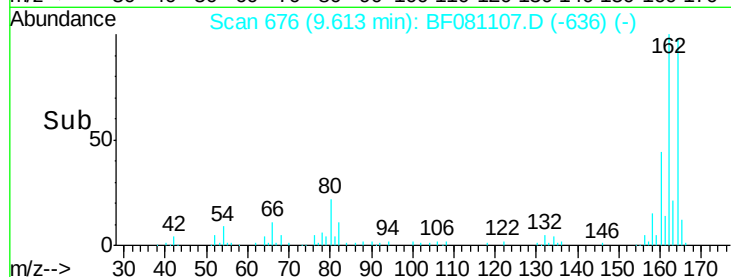
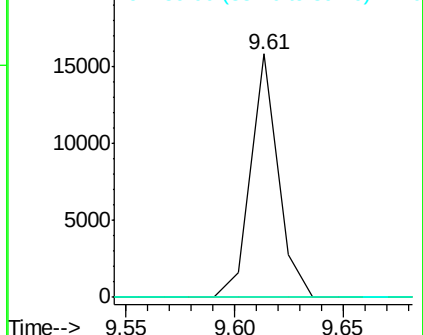
#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

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#



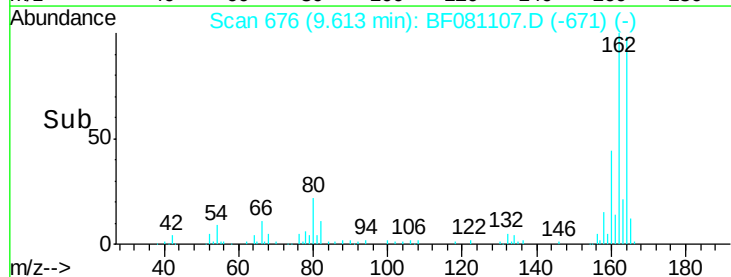
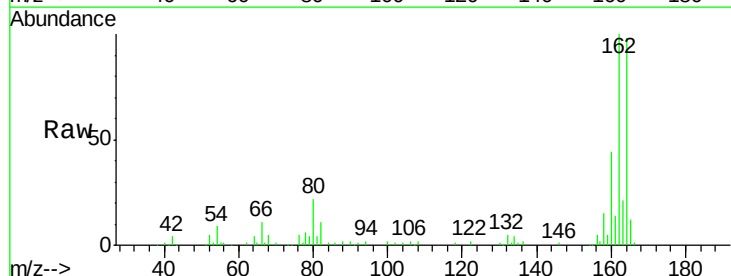
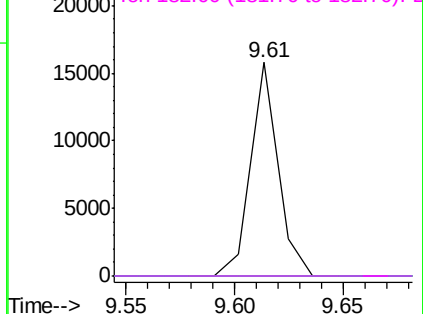
Abundance Ion 165.00 (164.70 to 165.70): E

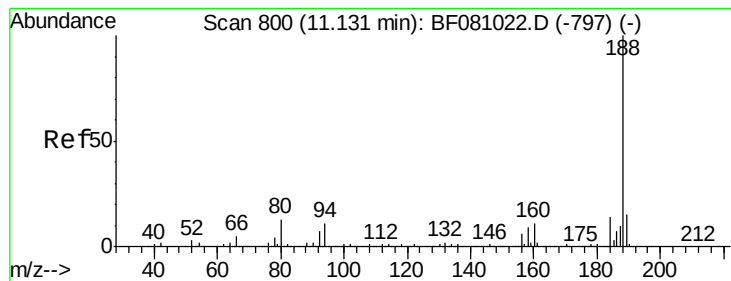


#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

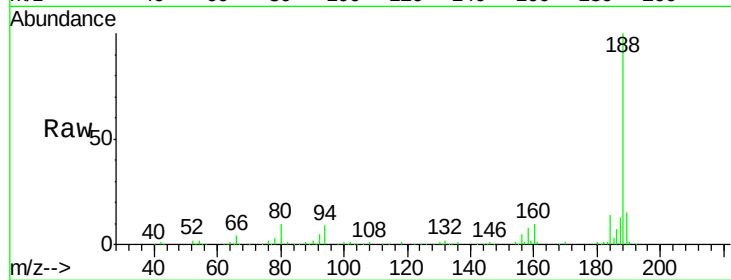
Tot Ion:188 Resp: 235119

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

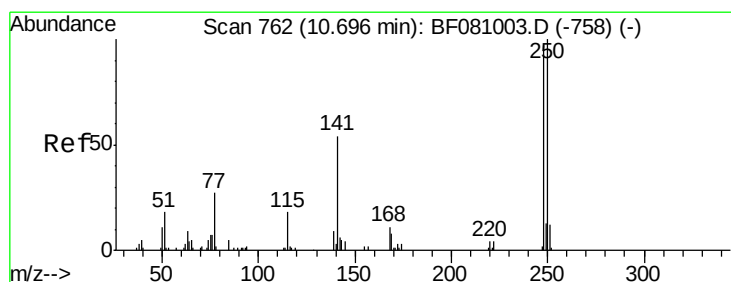
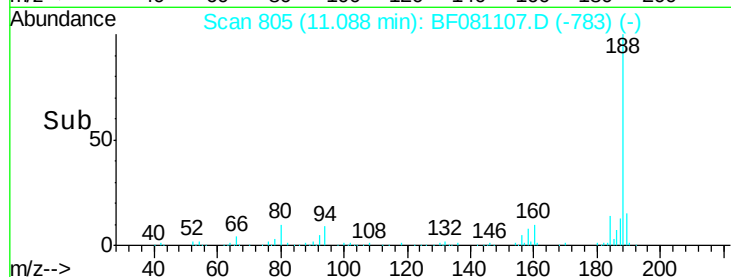
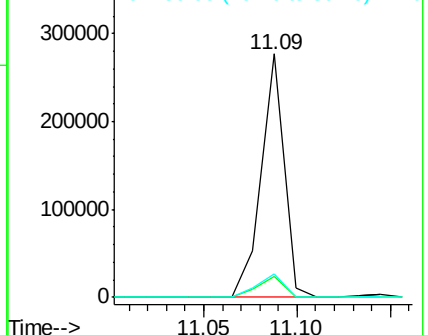
80 9.5 9.5 14.3#



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: 4.74 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

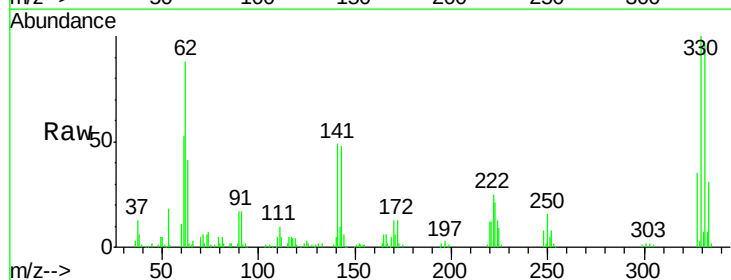
Tgt Ion:248 Resp: 10947

Ion Ratio Lower Upper

248 100

250 192.9 77.8 116.6#

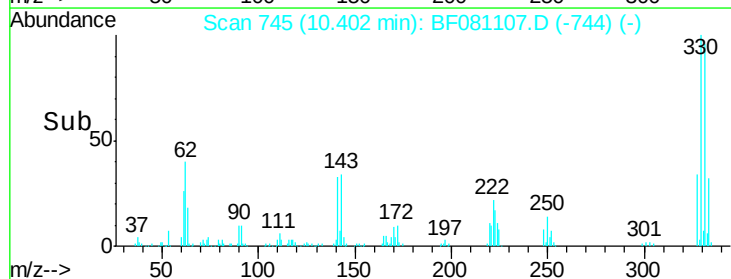
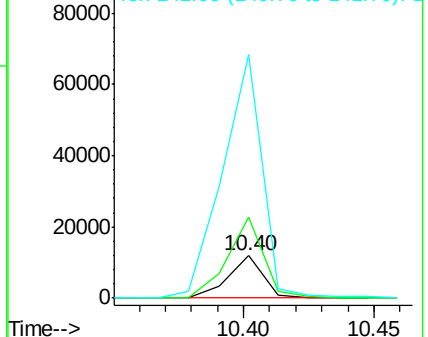
141 577.6 39.8 59.6#

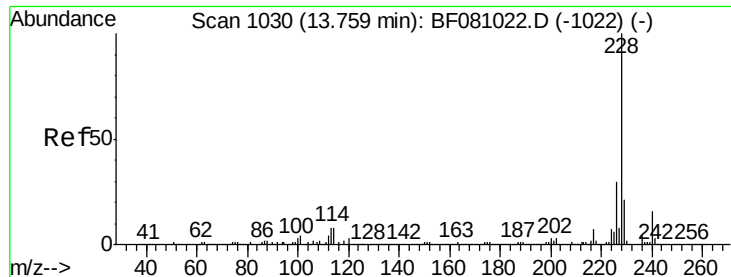


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

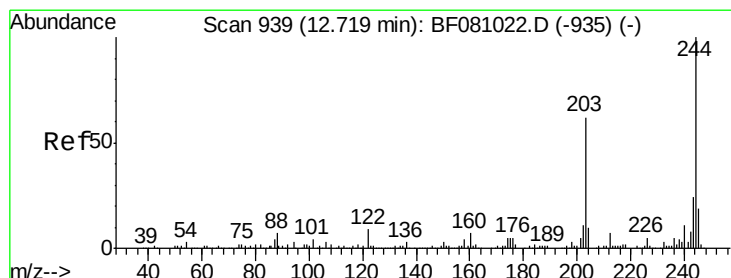
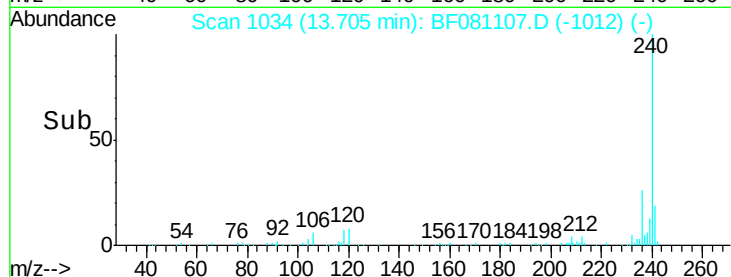
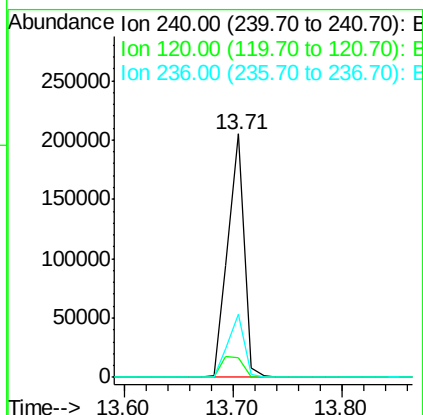
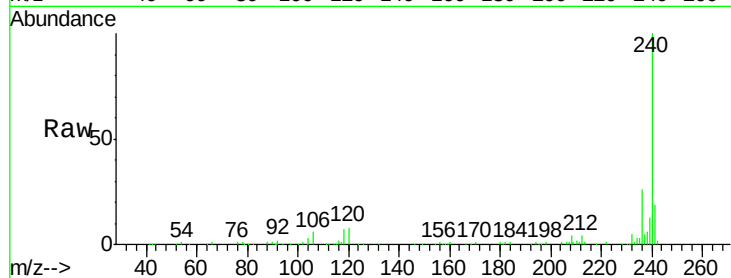




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

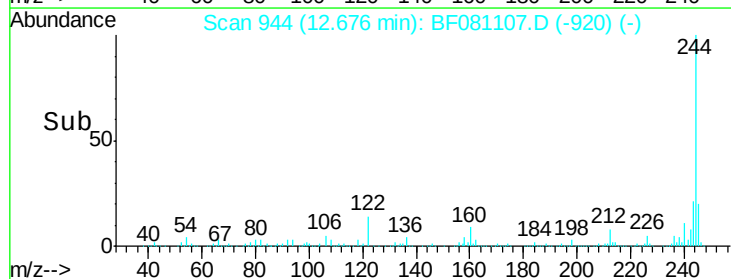
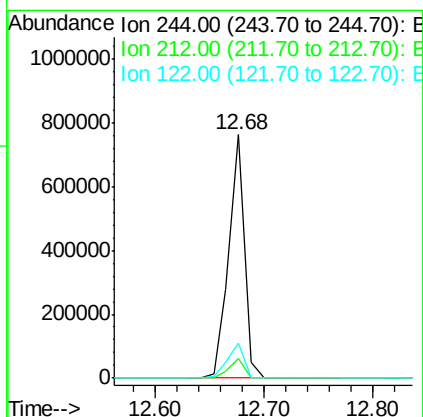
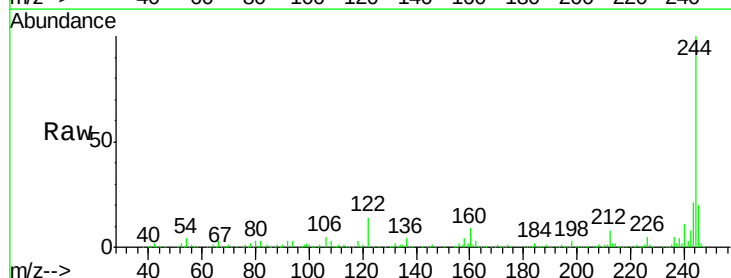
Instrument :
 BNA_F
 ClientSampleId :

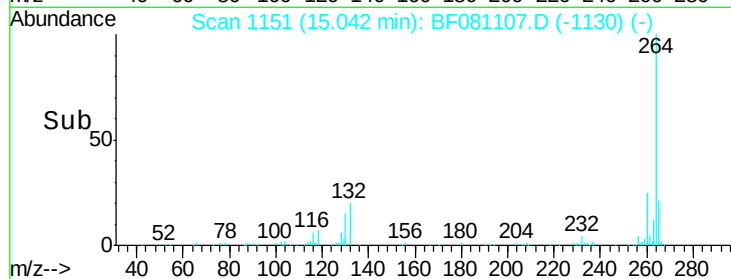
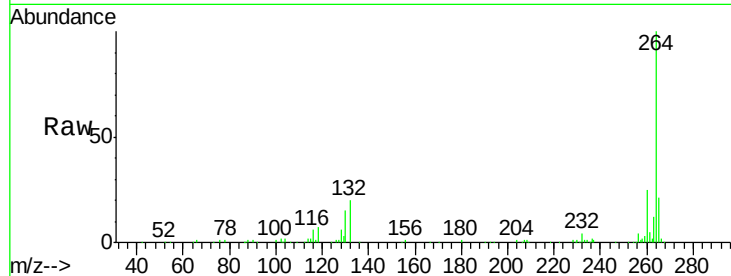
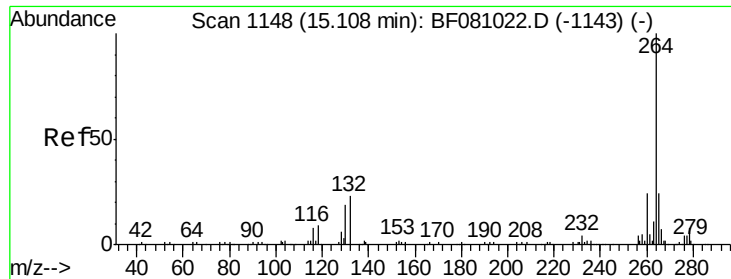
Tot Ion:240 Resp: 214076
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.6 8.4
 236 25.7 20.6 30.8



#78
 Terphenyl-d14
 Concen: 76.12 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

Tgt Ion:244 Resp: 760108
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 14.4 8.2 12.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081107.D
Acq: 20 Aug 2015 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.3	17.5	26.3

