

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081096.D
 Acq On : 19 Aug 2015 23:00
 Operator : UM/IZ
 Sample : G3310-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:50:14 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

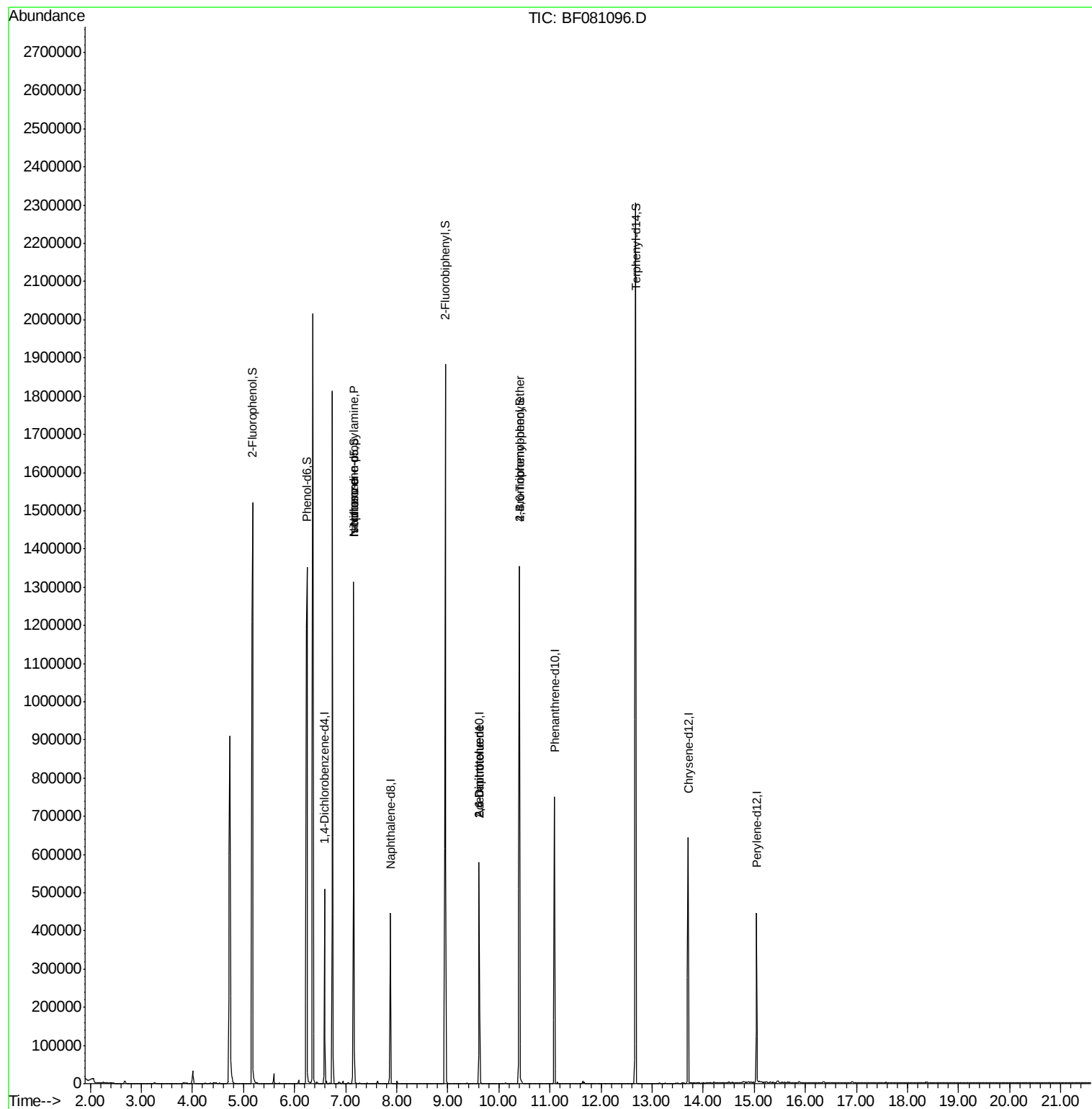
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	68968	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	269136	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	120584	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	261409	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	243109	20.00	ng	-0.04
86) Perylene-d12	15.04	264	180050	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	525569	114.62	ng	0.00
7) Phenol-d6	6.24	99	671600	112.26	ng	-0.02
23) Nitrobenzene-d5	7.16	82	440214	74.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	128422	122.86	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	711913	77.36	ng	-0.04
78) Terphenyl-d14	12.68	244	721930	63.66	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	59072	14.25	ng	# 71
25) Isophorone	7.16	82	321576	29.27	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	15549	7.29	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	15549	5.50	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10047	3.91	ng	# 1

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

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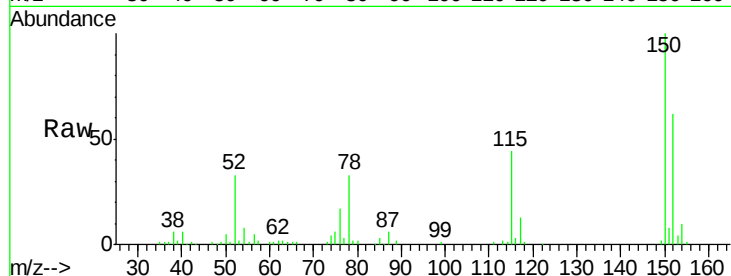


#1

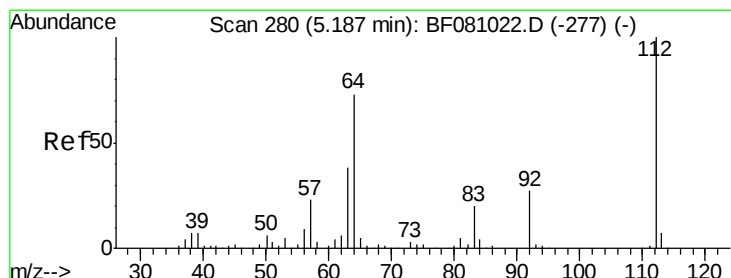
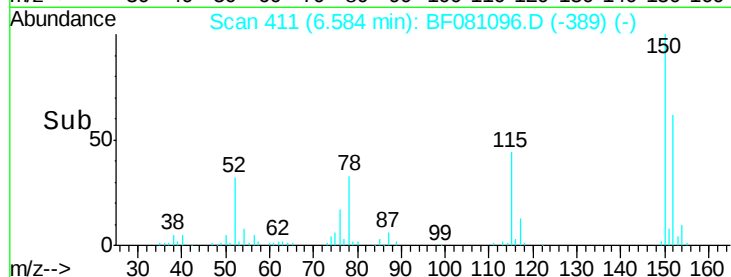
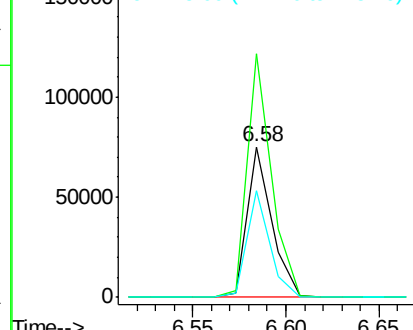
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68968
Ion Ratio Lower Upper
152 100
150 161.8 123.8 185.6
115 70.6 52.1 78.1



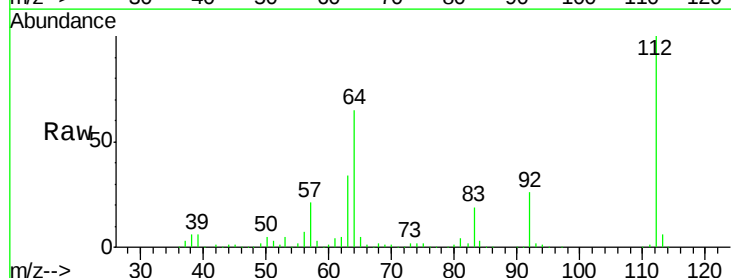
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



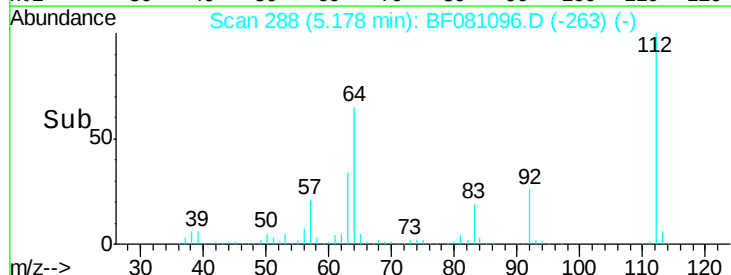
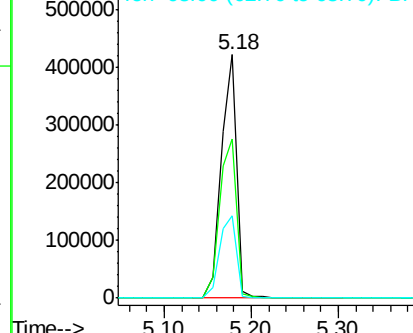
#5

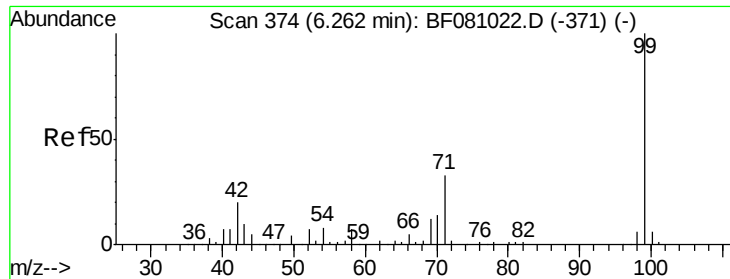
2-Fluorophenol
Concen: 114.62 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:112 Resp: 525569
Ion Ratio Lower Upper
112 100
64 65.2 66.9 100.3#
63 33.8 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: 112.26 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

Instrument :

BNA_F

ClientSampleId :

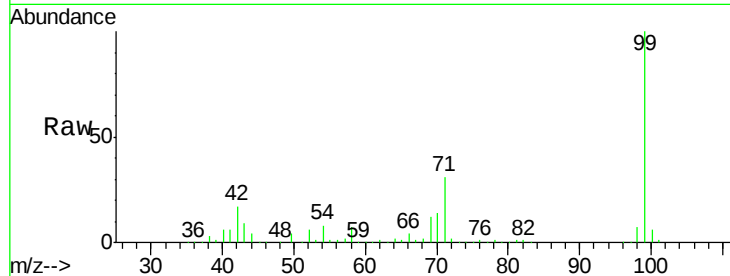
Tot Ion: 99 Resp: 671600

Ion Ratio Lower Upper

99 100

42 16.7 19.6 29.4#

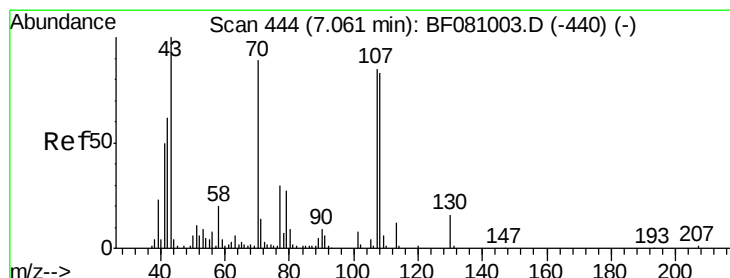
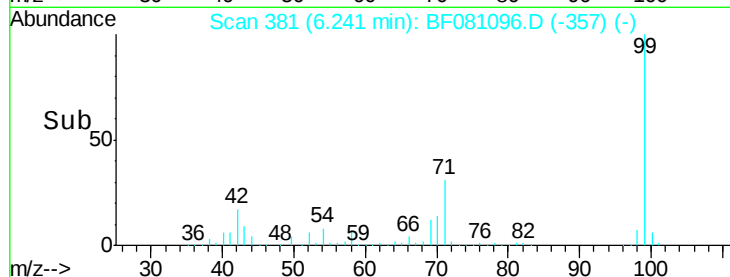
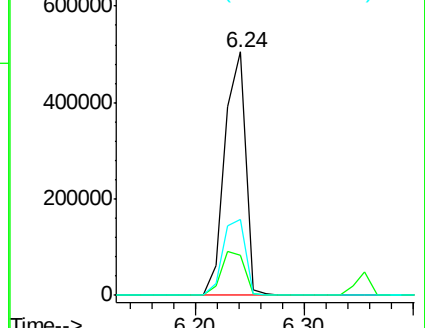
71 31.1 31.2 46.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.25 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.11 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

Tgt Ion: 70 Resp: 59072

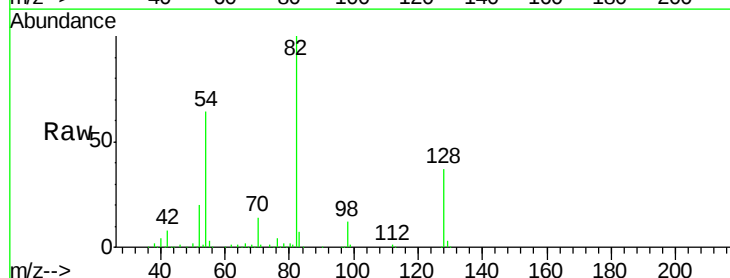
Ion Ratio Lower Upper

70 100

42 55.8 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

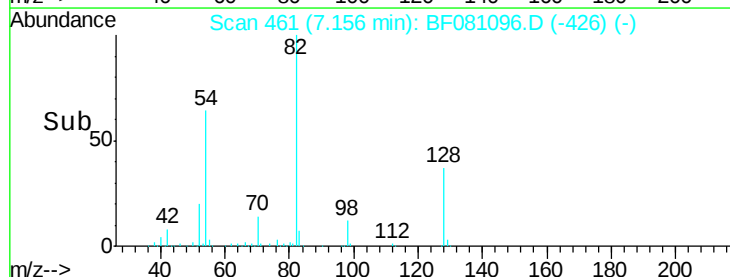
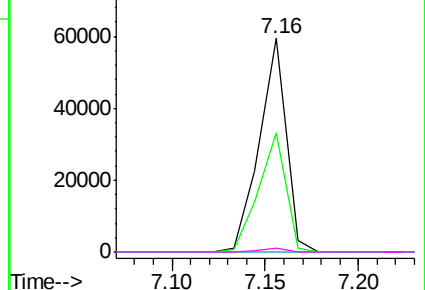


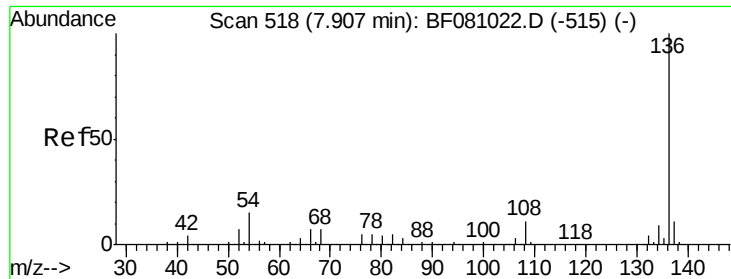
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

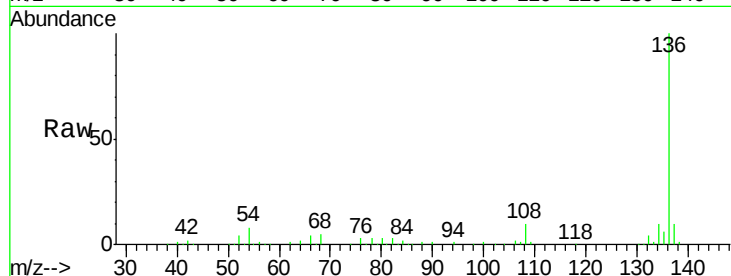




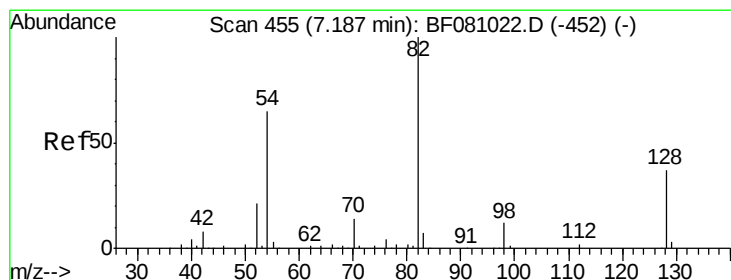
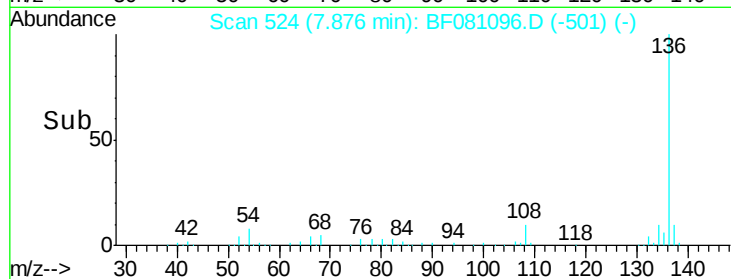
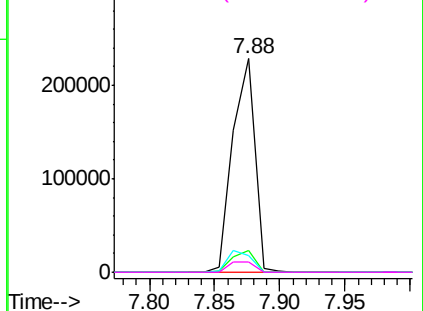
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	269136
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.2	12.2
54 8.1	7.7	11.5
68 4.6	3.4	5.2

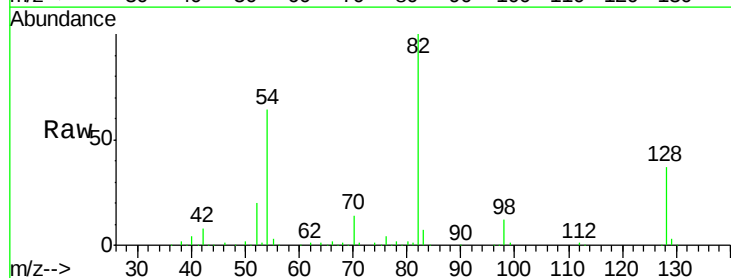


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

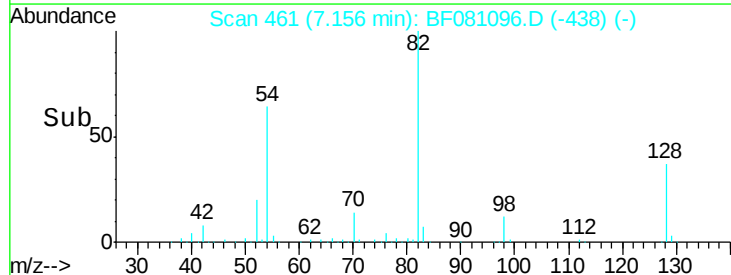
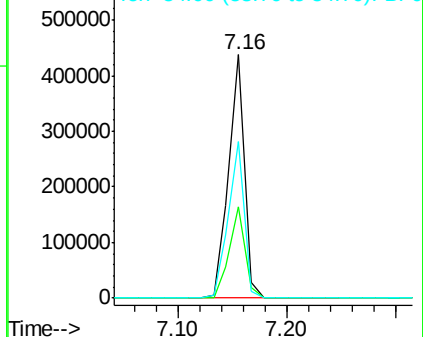


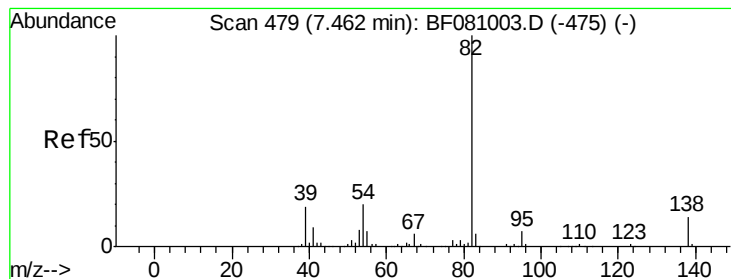
#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion: 82	Resp:	440214
Ion Ratio	Lower	Upper
82 100		
128 37.4	28.6	42.8
54 64.2	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: 29.27 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

Instrument :

BNA_F

ClientSampleId :

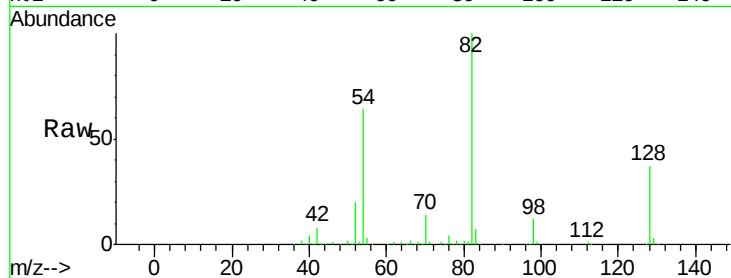
Tot Ion: 82 Resp: 321576

Ion Ratio Lower Upper

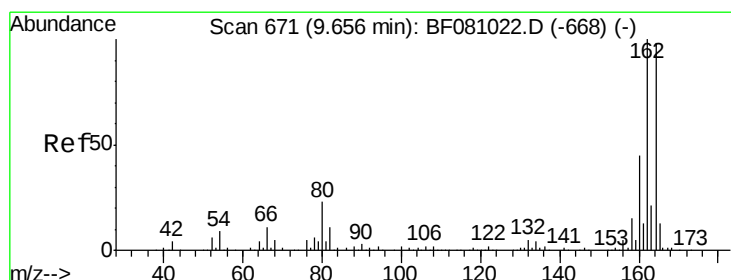
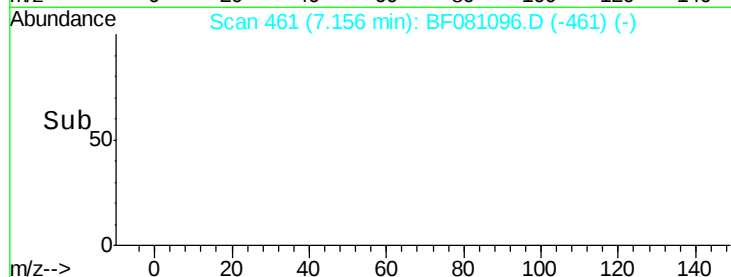
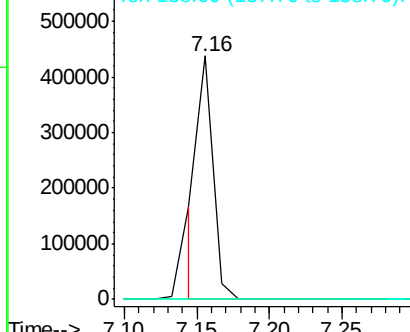
82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

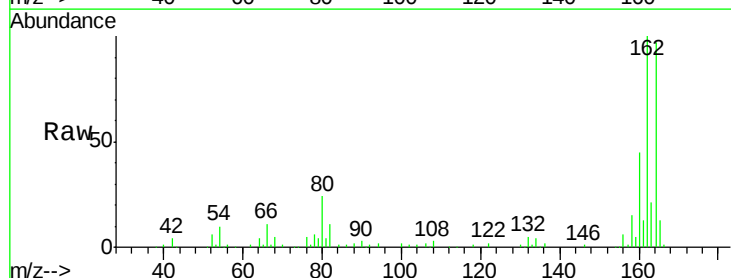
Tgt Ion: 164 Resp: 120584

Ion Ratio Lower Upper

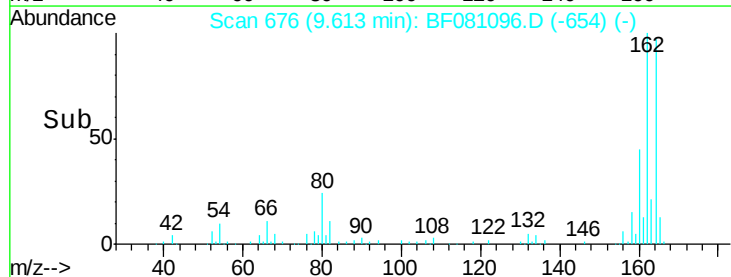
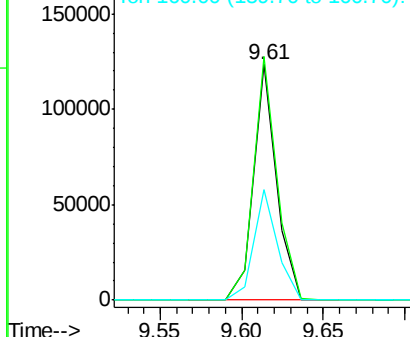
164 100

162 103.5 83.8 125.8

160 46.9 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

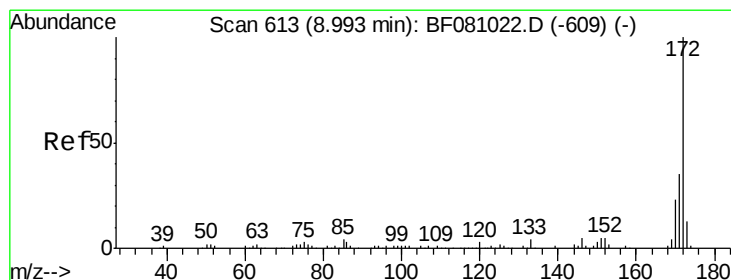
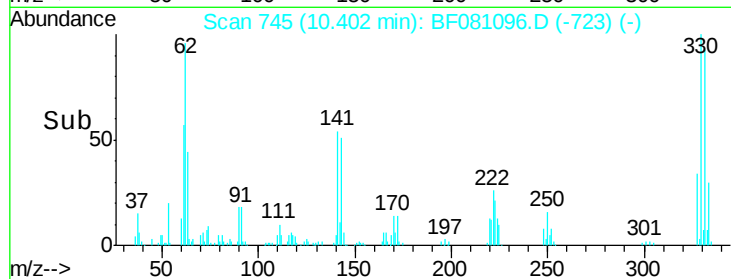
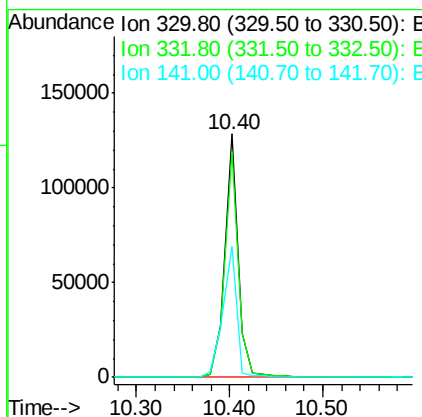
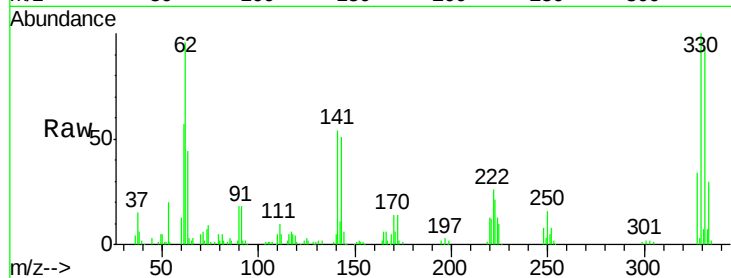




#41
 2,4,6-Tribromophenol
 Concen: 122.86 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

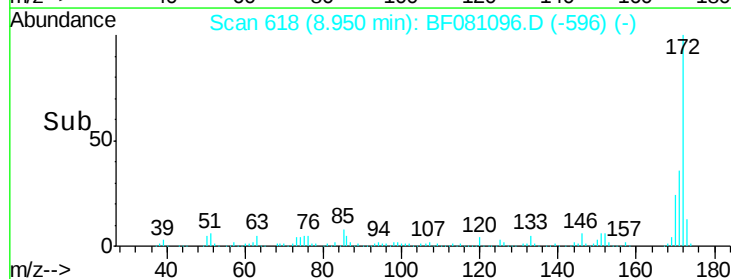
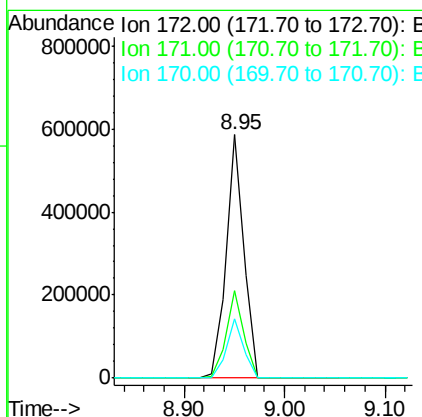
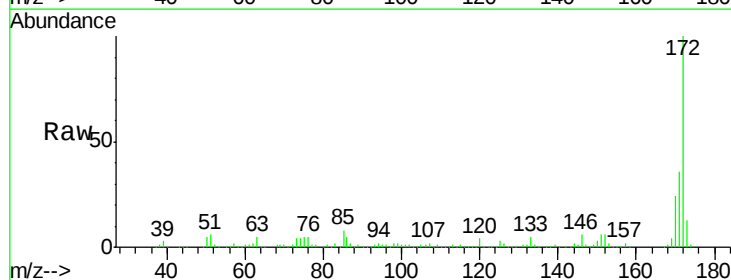
Instrument :
 BNA_F
 ClientSampleId :

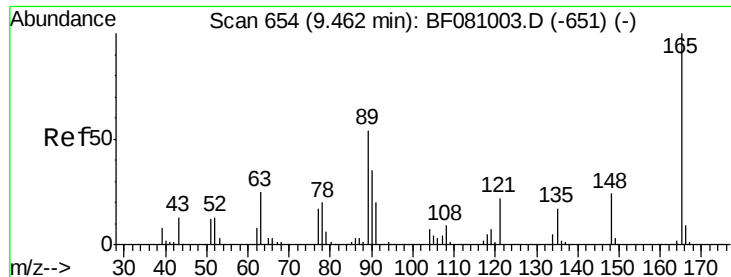
Tot Ion:330 Resp: 128422
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.3 115.9
 141 55.1 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 77.36 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

Tgt Ion:172 Resp: 711913
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.4 19.4 29.2

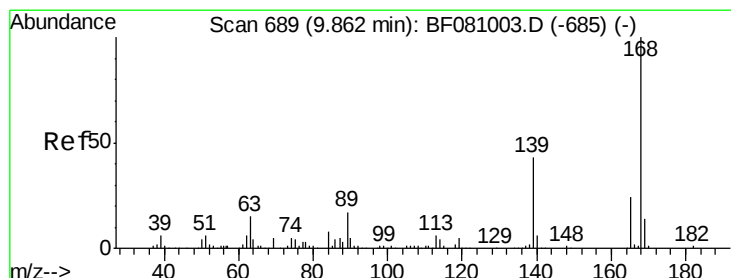
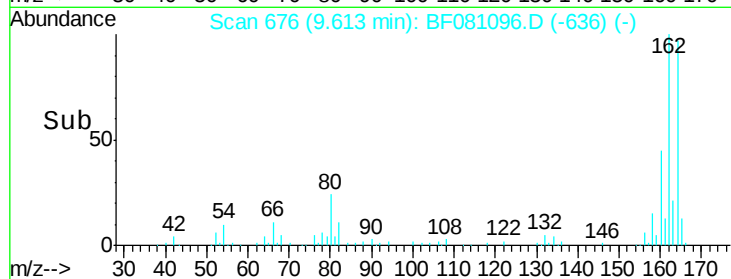
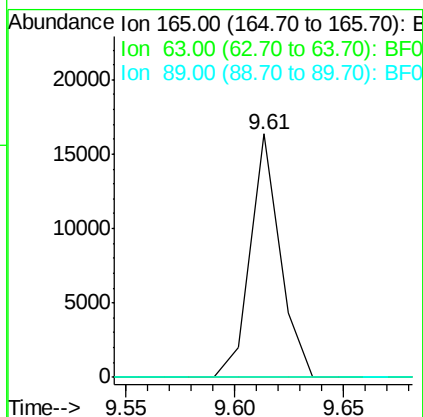
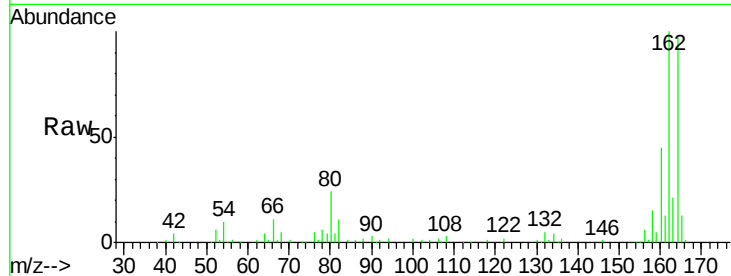




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

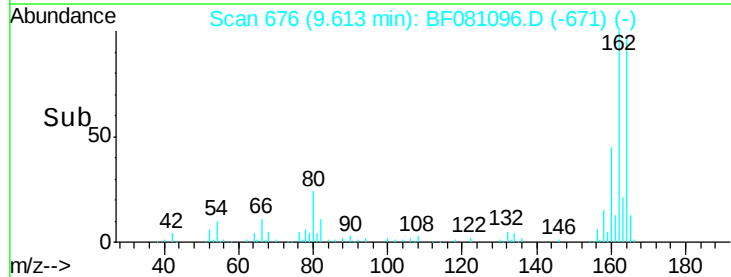
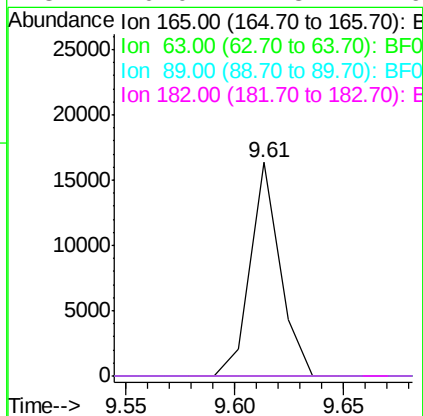
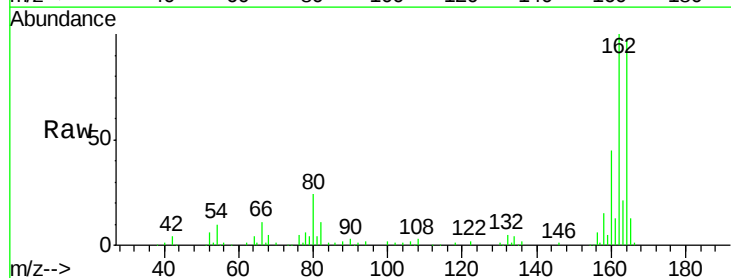
Instrument :
 BNA_F
 ClientSampleId :

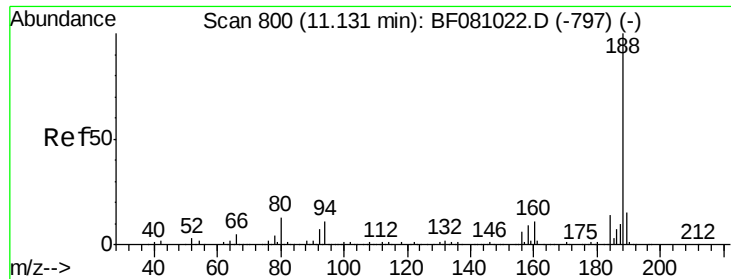
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

Instrument :

BNA_F

ClientSampleId :

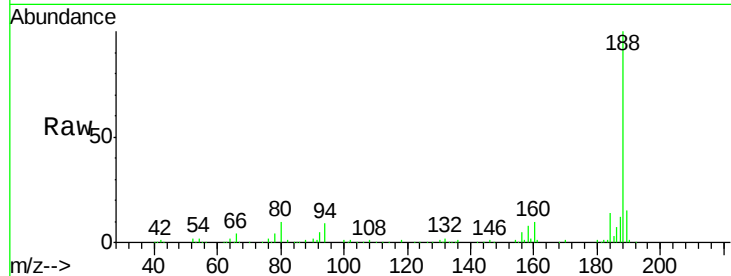
Tot Ion:188 Resp: 261409

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

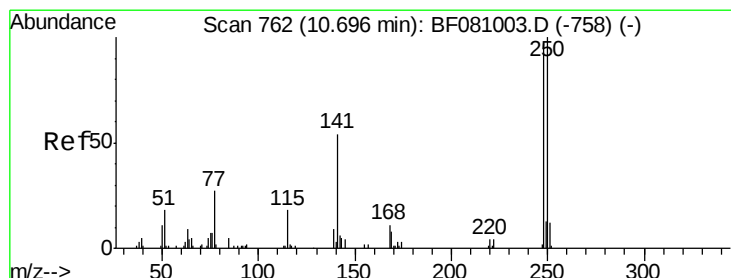
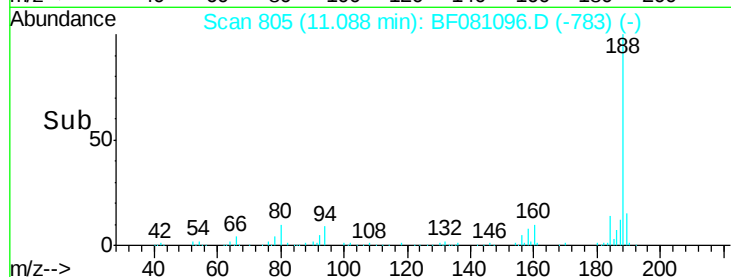
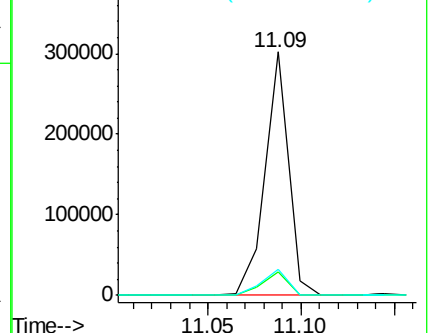
80 10.4 9.5 14.3



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: 3.91 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081096.D

Acq: 19 Aug 2015 23:00

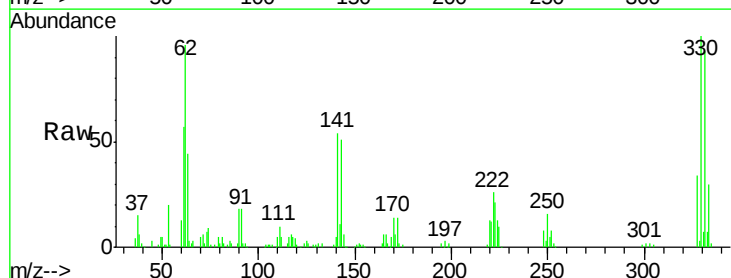
Tgt Ion:248 Resp: 10047

Ion Ratio Lower Upper

248 100

250 196.4 77.8 116.6#

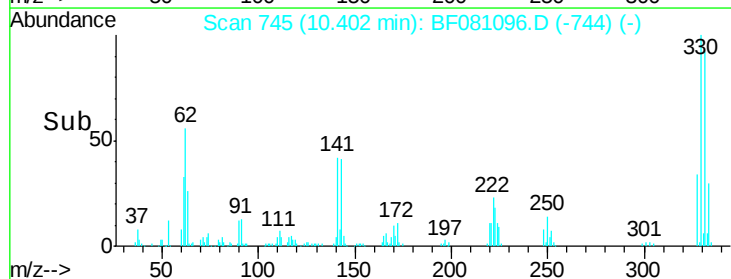
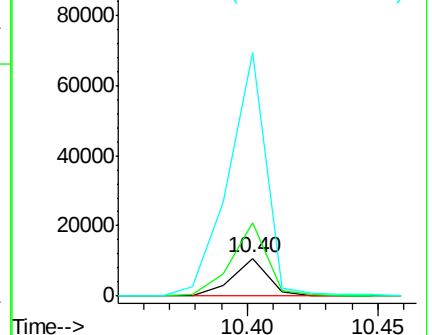
141 648.6 39.8 59.6#

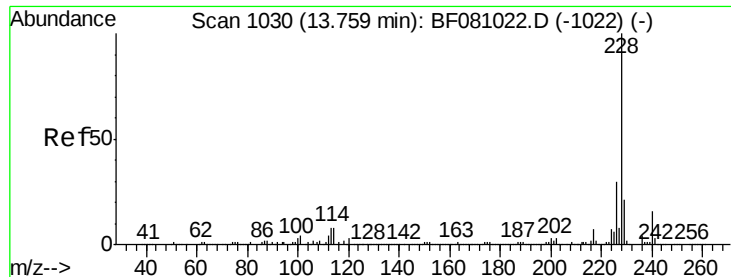


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

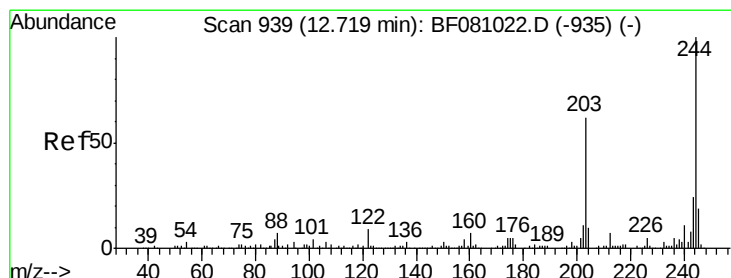
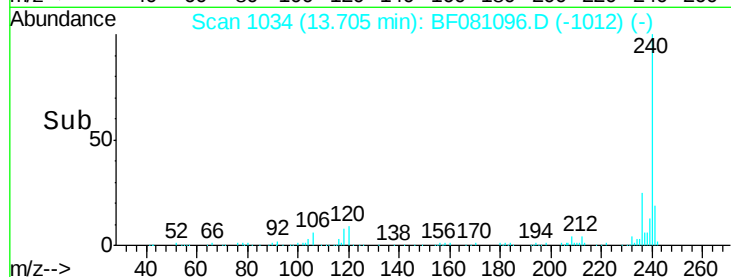
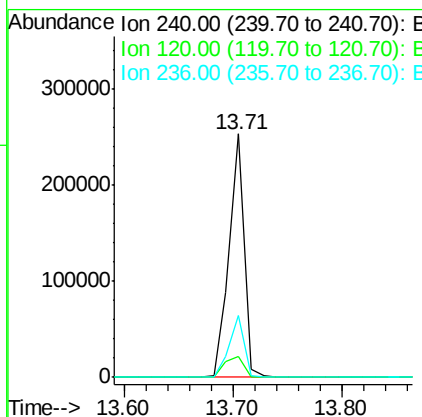
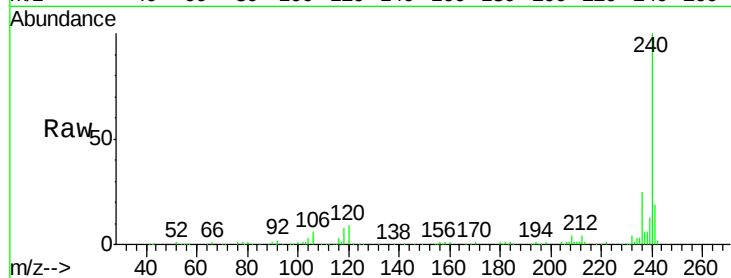




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

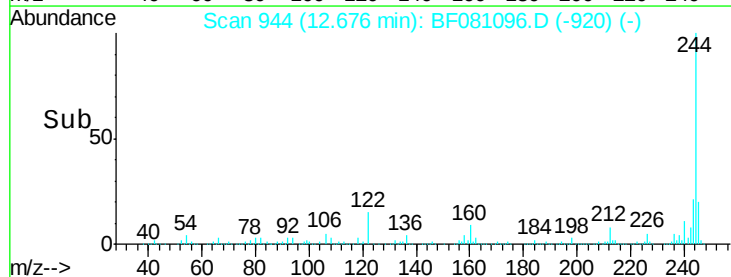
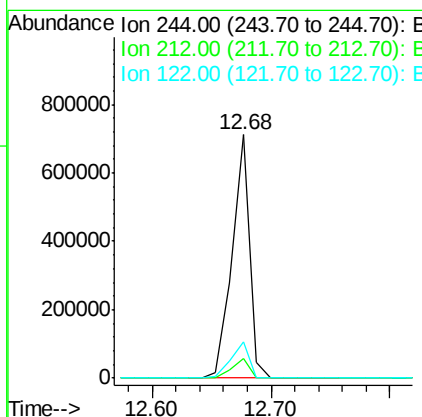
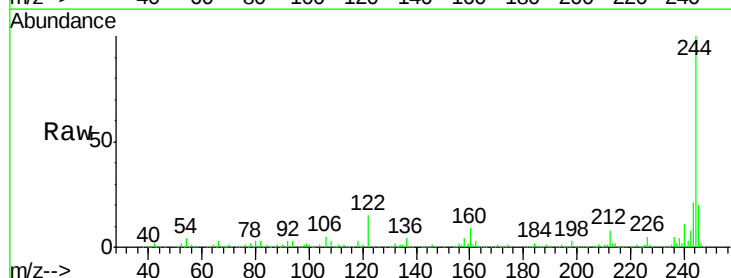
Instrument :
 BNA_F
 ClientSampleId :

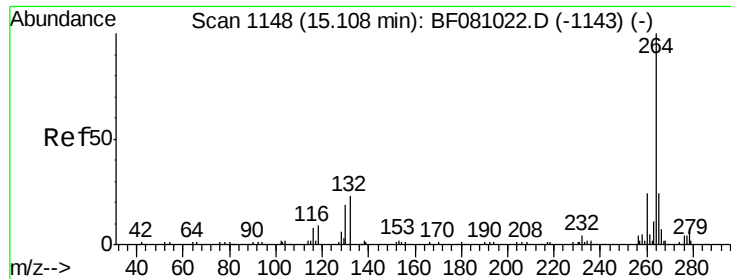
Tot Ion:240 Resp: 243109
 Ion Ratio Lower Upper
 240 100
 120 8.6 5.6 8.4#
 236 25.5 20.6 30.8



#78
 Terphenyl-d14
 Concen: 63.66 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081096.D
 Acq: 19 Aug 2015 23:00

Tgt Ion:244 Resp: 721930
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 14.9 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: BF081096.D
 Acq: 19 Aug 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.0	17.5	26.3

