

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081454.D
 Acq On : 5 Sep 2015 9:10
 Operator : UM/IZ
 Sample : G3526-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:59:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

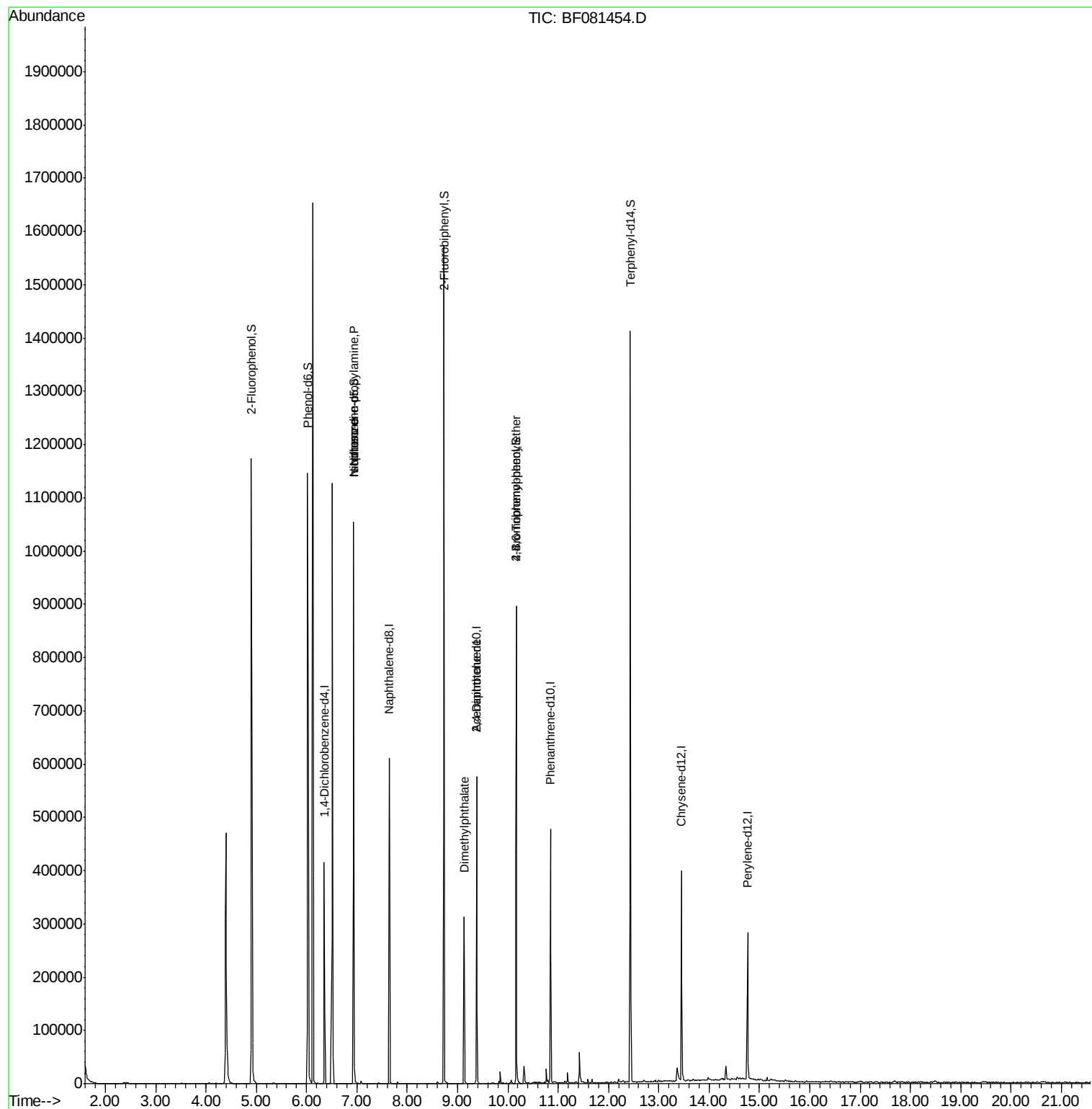
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	60277	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	237245	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	109254	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	208211	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	161976	20.00	ng	-0.01
86) Perylene-d12	14.77	264	119185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	356764	91.83	ng	0.00
7) Phenol-d6	6.02	99	486457	94.59	ng	-0.01
23) Nitrobenzene-d5	6.94	82	343219	69.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	99394	102.17	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	495099	58.07	ng	0.00
78) Terphenyl-d14	12.43	244	418951	60.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	47751	13.64	ng	# 61
25) Isophorone	6.94	82	252805	27.64	ng	# 58
49) Dimethylphthalate	9.13	163	112379	13.24	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	14101	5.75	ng	# 34
66) 4-Bromophenyl-phenylether	10.17	248	7886	3.75	ng	# 1

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

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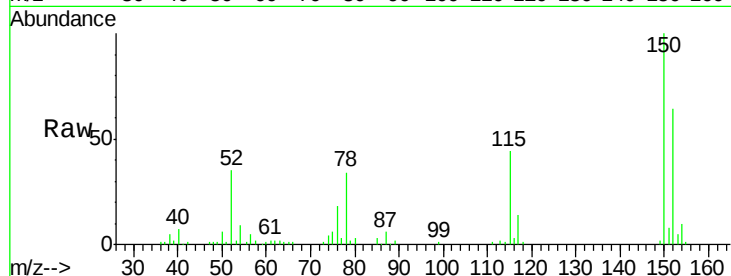


#1

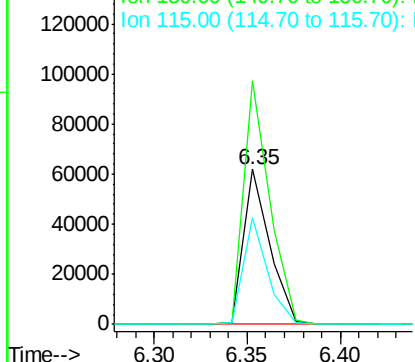
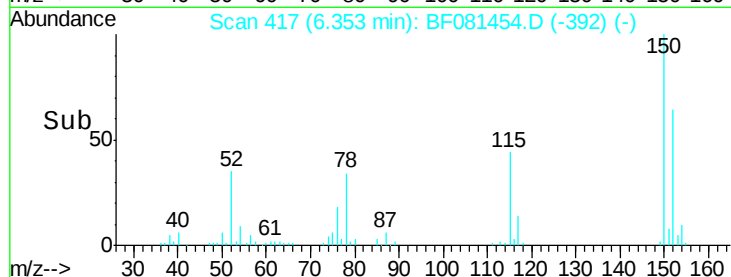
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081454.D
Acq: 5 Sep 2015 9:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60277
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 69.2 39.0 58.4#



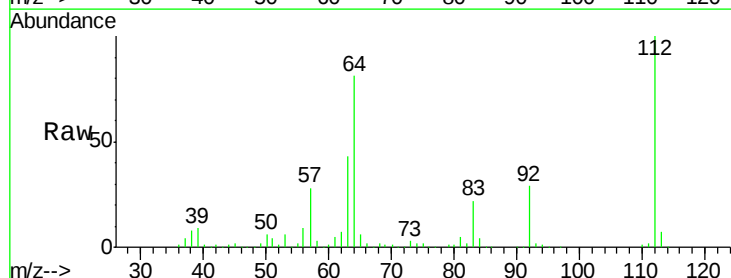
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



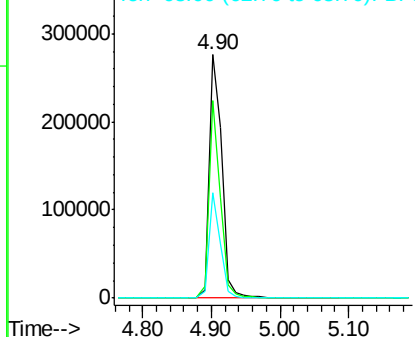
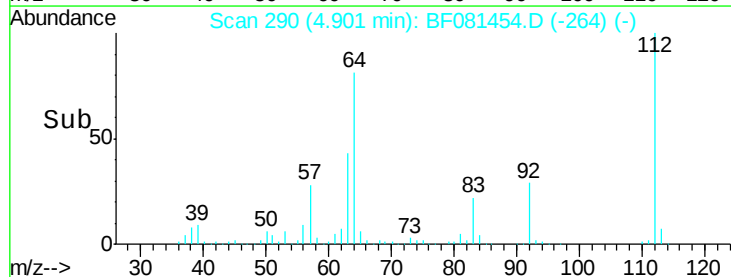
#5

2-Fluorophenol
Concen: 91.83 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081454.D
Acq: 5 Sep 2015 9:10

Tgt Ion:112 Resp: 356764
Ion Ratio Lower Upper
112 100
64 81.4 39.7 59.5#
63 43.1 17.4 26.0#



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: 94.59 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Instrument :

BNA_F

ClientSampled :

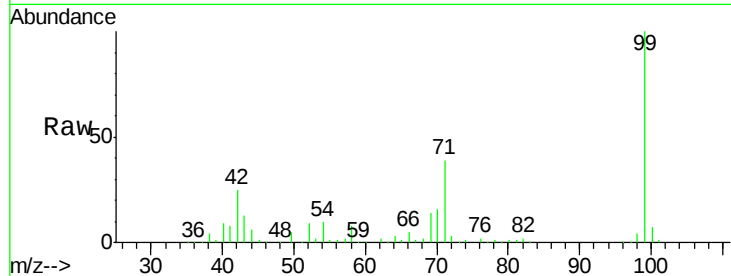
Tot Ion: 99 Resp: 486457

Ion Ratio Lower Upper

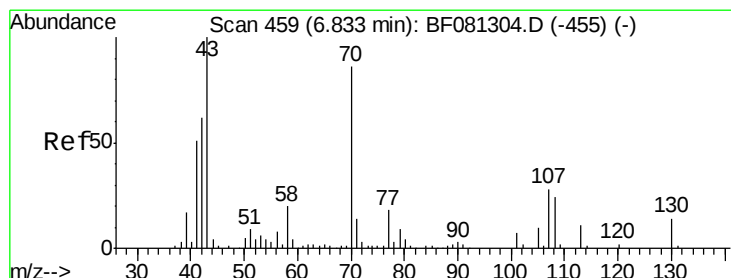
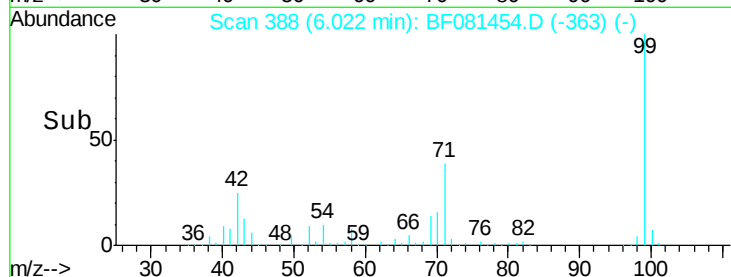
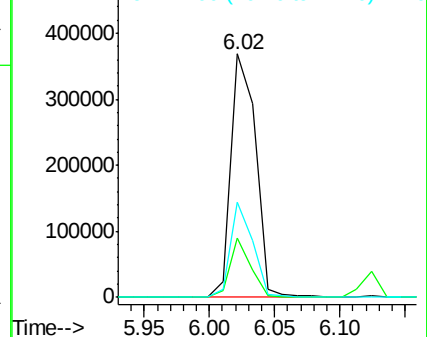
99 100

42 24.5 13.7 20.5#

71 39.2 14.2 21.2#



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: 13.64 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Tgt Ion: 70 Resp: 47751

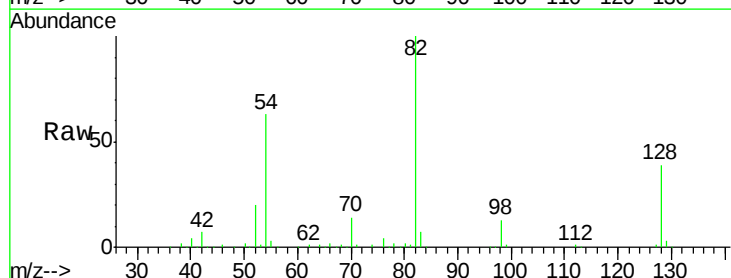
Ion Ratio Lower Upper

70 100

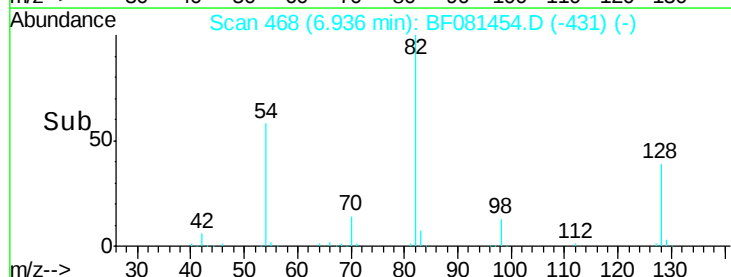
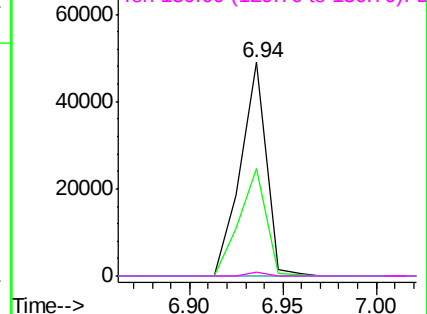
42 50.6 63.8 95.6#

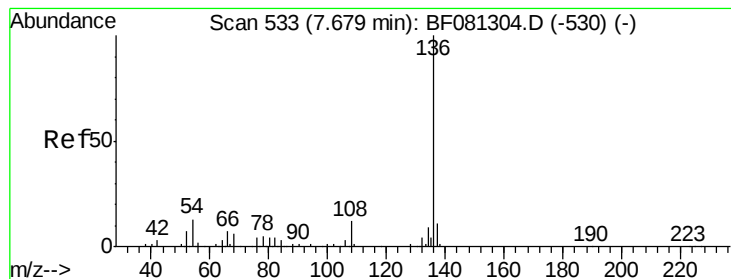
101 0.0 9.2 13.8#

130 2.0 27.3 40.9#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081454.D

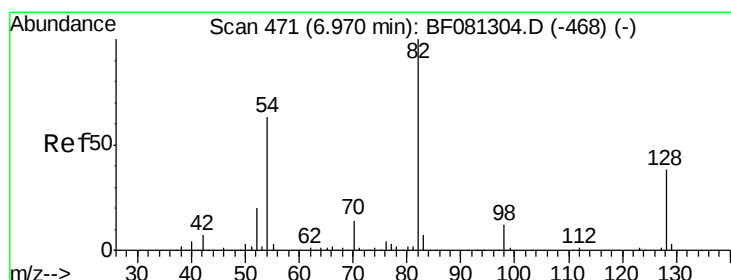
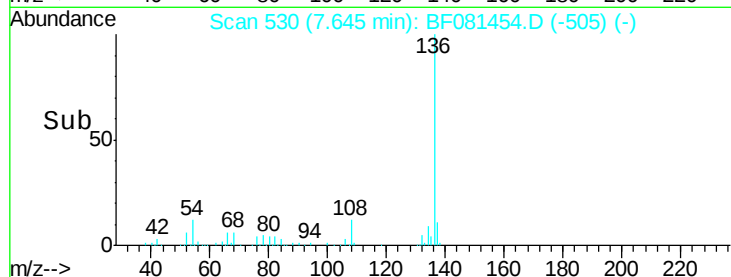
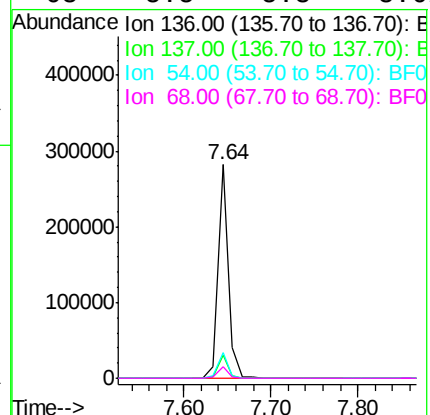
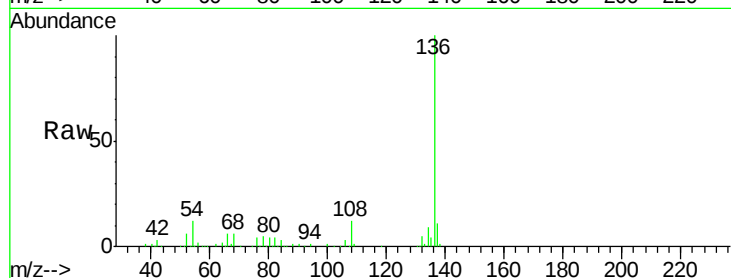
Acq: 5 Sep 2015 9:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	237245
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	11.9	8.2 12.2
68	5.5	5.8 8.6#



#23

Nitrobenzene-d5

Concen: 69.80 ng

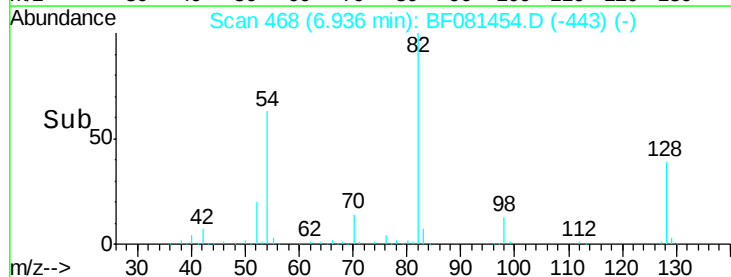
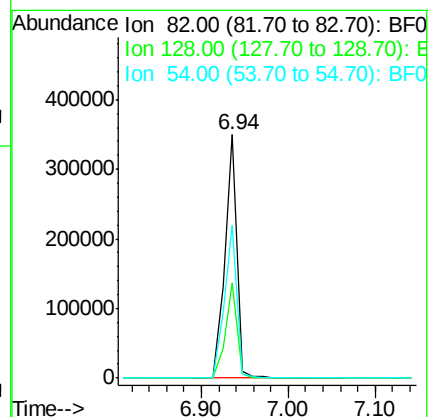
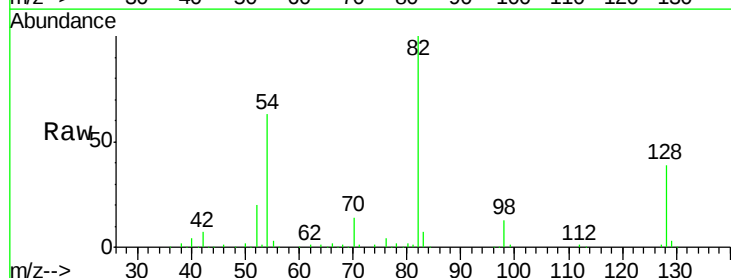
RT: 6.94 min Scan# 468

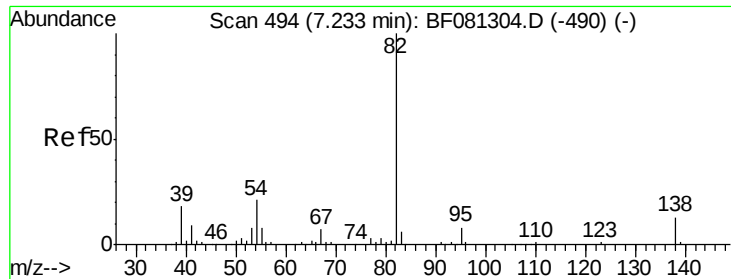
Delta R.T. -0.01 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Tgt Ion: 82	Resp:	343219
Ion Ratio	Lower	Upper
82	100	
128	39.3	51.0 76.6#
54	63.0	47.5 71.3





#25

Isophorone

Concen: 27.64 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Instrument :

BNA_F

ClientSampled :

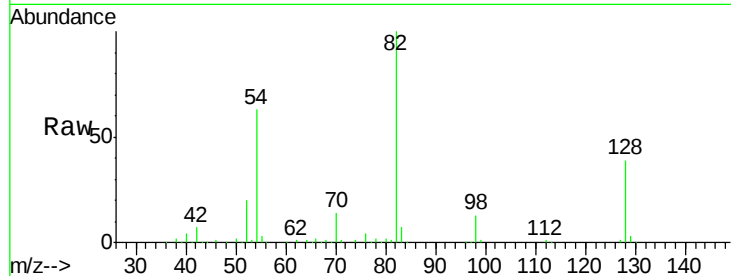
Tot Ion: 82 Resp: 252805

Ion Ratio Lower Upper

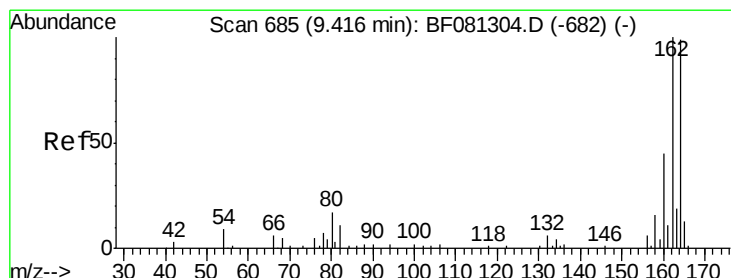
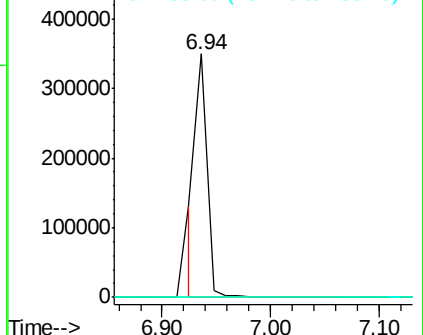
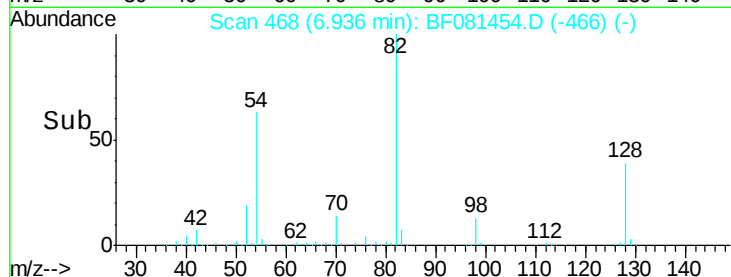
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

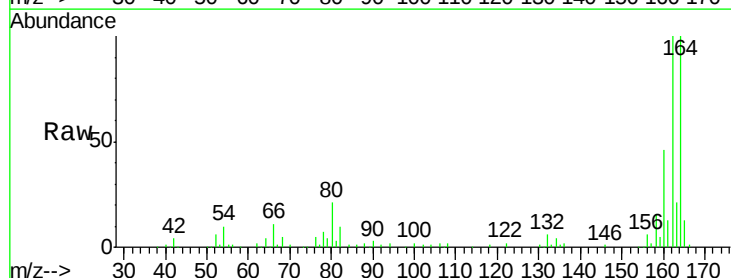
Tgt Ion: 164 Resp: 109254

Ion Ratio Lower Upper

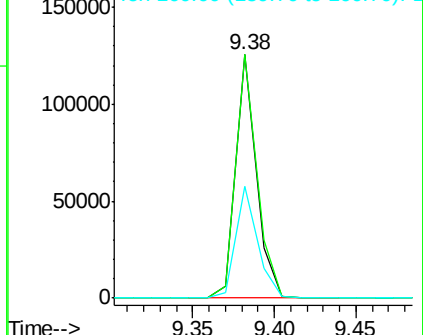
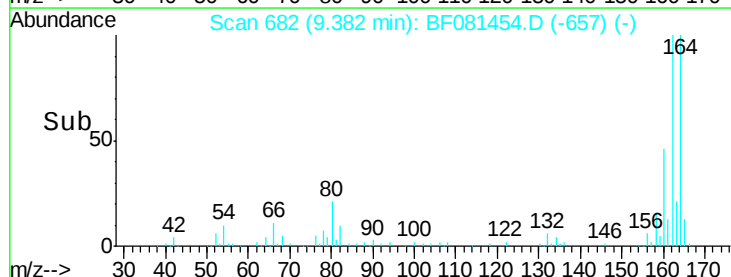
164 100

162 100.1 75.2 112.8

160 46.0 31.5 47.3



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

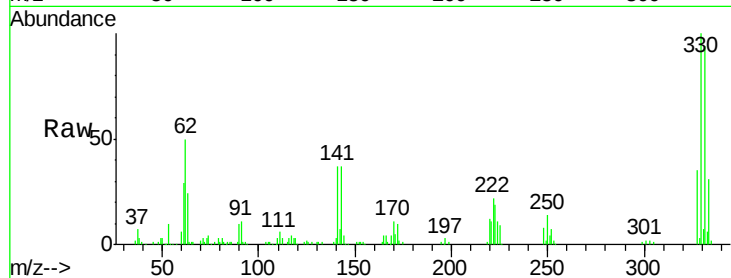




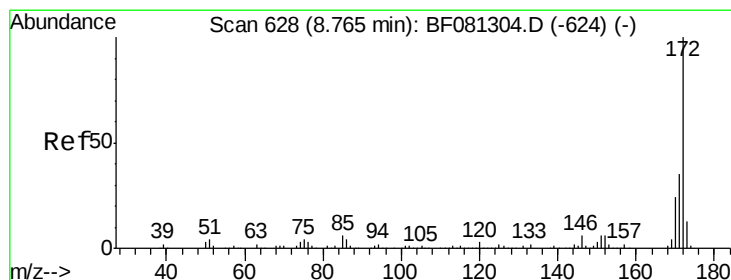
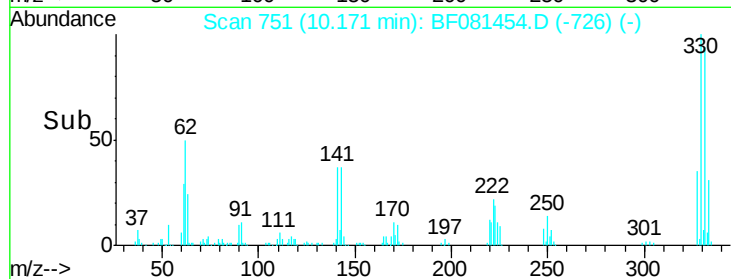
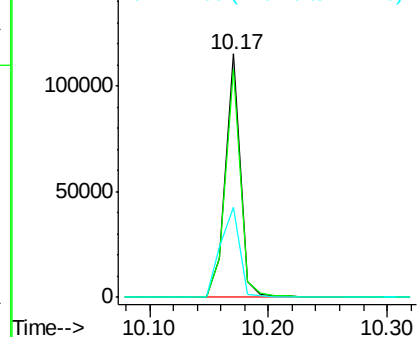
#41
 2,4,6-Tribromophenol
 Concen: 102.17 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081454.D
 Acq: 5 Sep 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 99394
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 48.4 29.7 44.5#

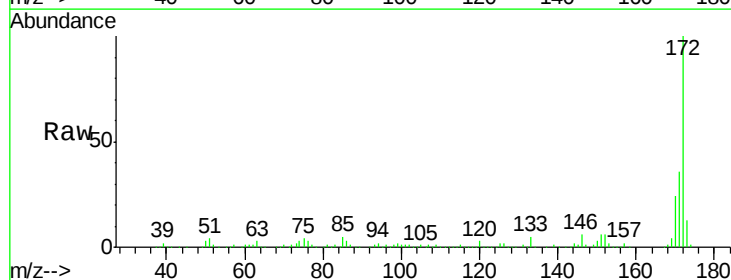


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

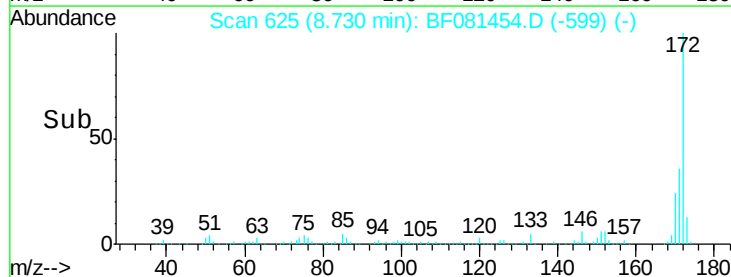
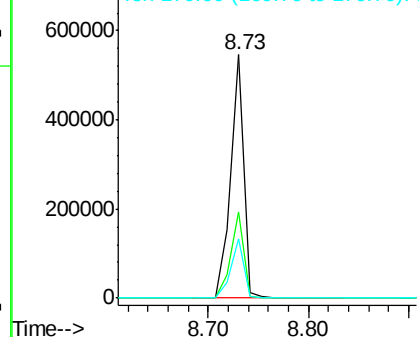


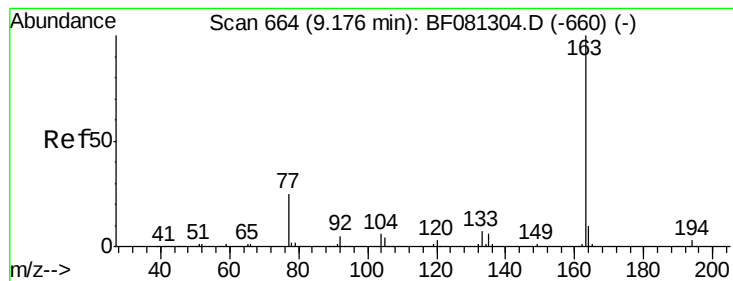
#44
 2-Fluorobiphenyl
 Concen: 58.07 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081454.D
 Acq: 5 Sep 2015 9:10

Tgt Ion:172 Resp: 495099
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.4 17.4 26.2



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: 13.24 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Instrument :

BNA_F

ClientSampleId :

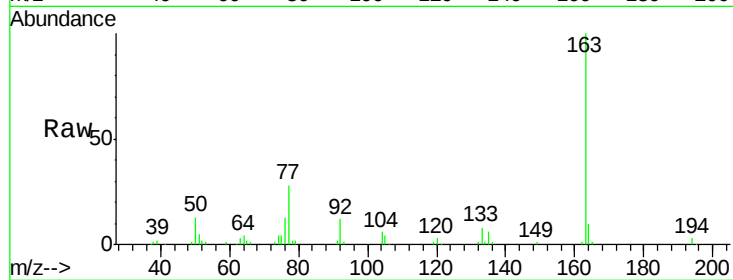
Tot Ion:163 Resp: 112379

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

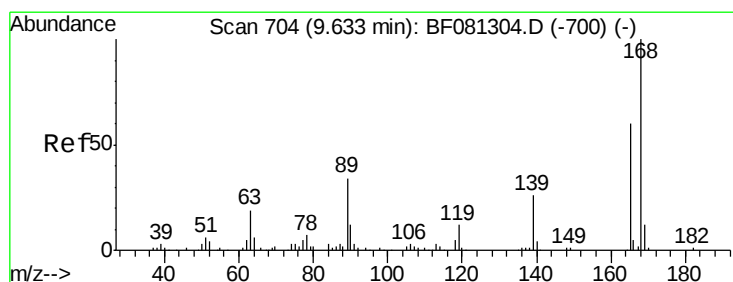
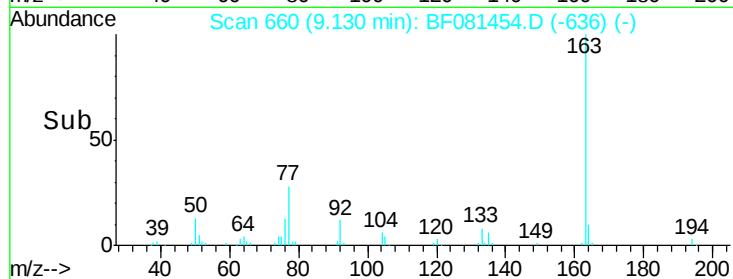
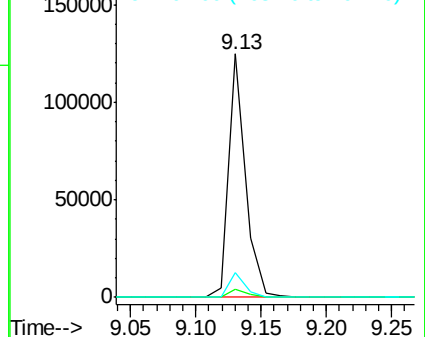
164 10.1 8.3 12.5



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: 5.75 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Tgt Ion:165 Resp: 14101

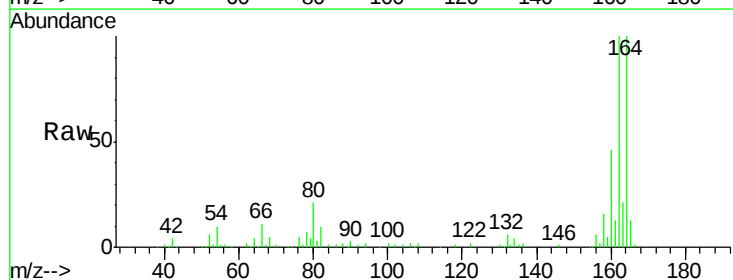
Ion Ratio Lower Upper

165 100

63 1.9 29.8 44.6#

89 1.9 44.5 66.7#

182 0.0 3.0 4.4#

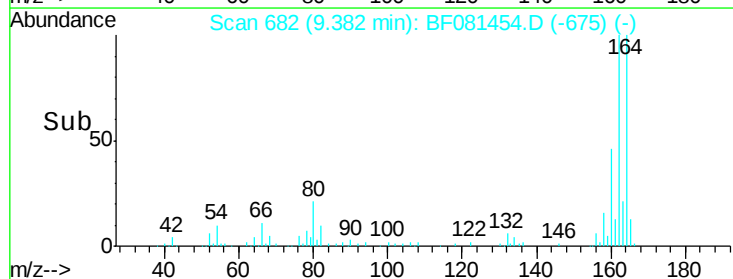
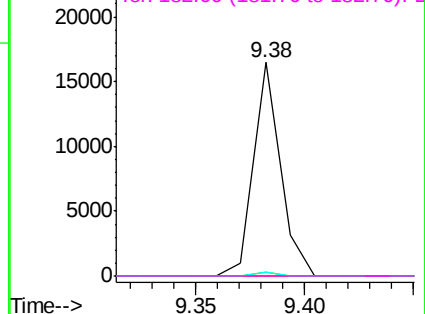


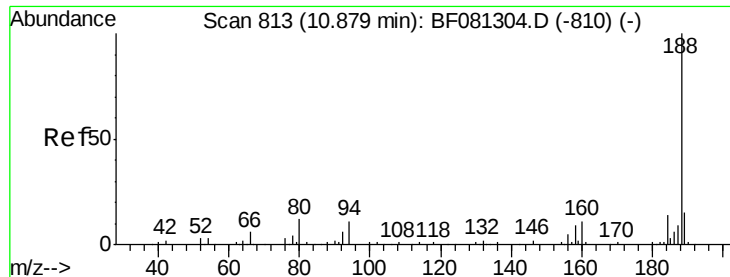
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

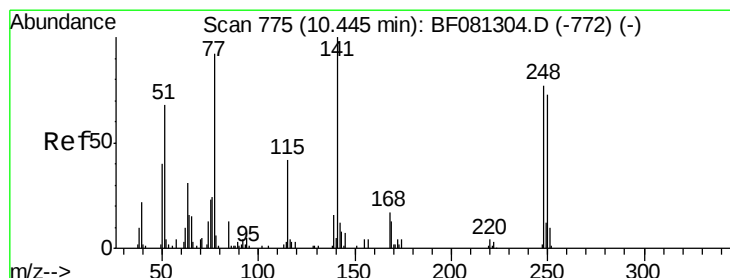
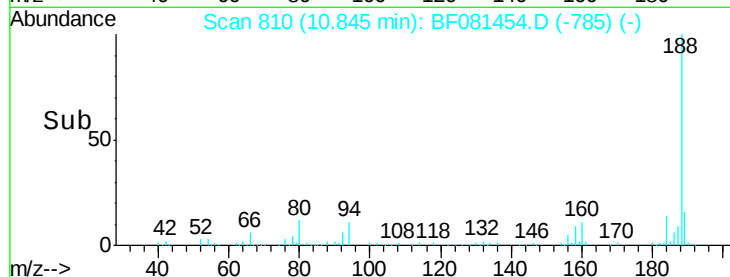
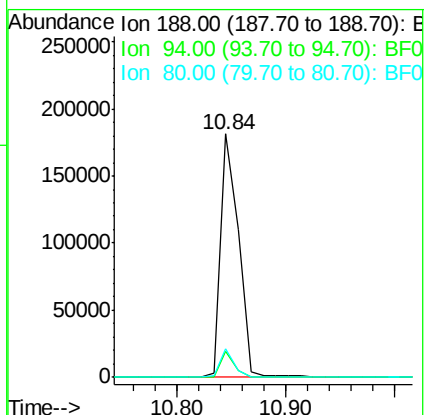
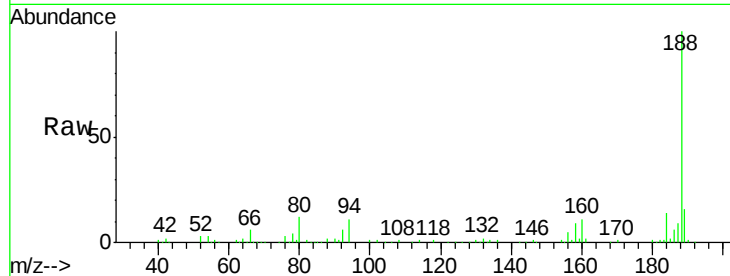




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081454.D
Acq: 5 Sep 2015 9:10

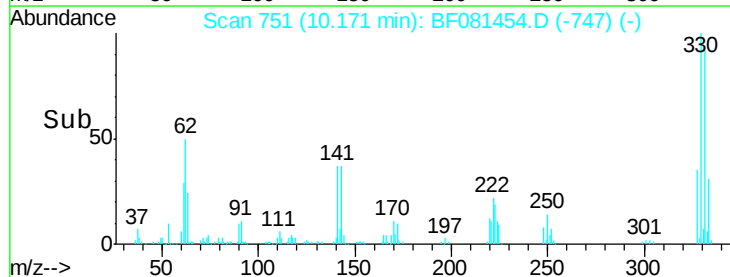
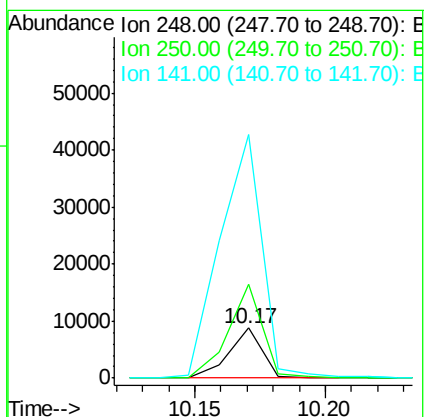
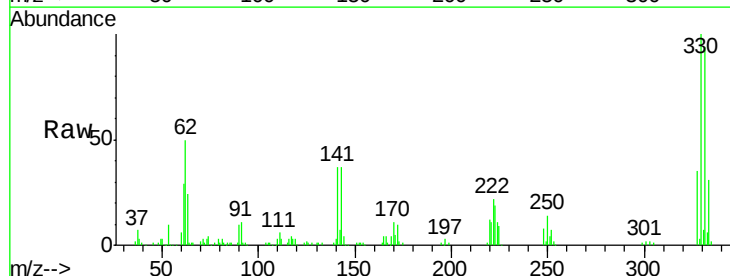
Instrument :
BNA_F
ClientSampled :

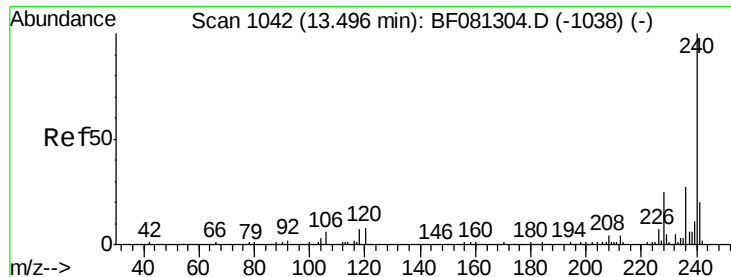
Tot Ion:188 Resp: 208211
Ion Ratio Lower Upper
188 100
94 10.9 11.1 16.7#
80 11.8 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081454.D
Acq: 5 Sep 2015 9:10

Tgt Ion:248 Resp: 7886
Ion Ratio Lower Upper
248 100
250 187.2 78.5 117.7#
141 486.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

Instrument :

BNA_F

ClientSampleId :

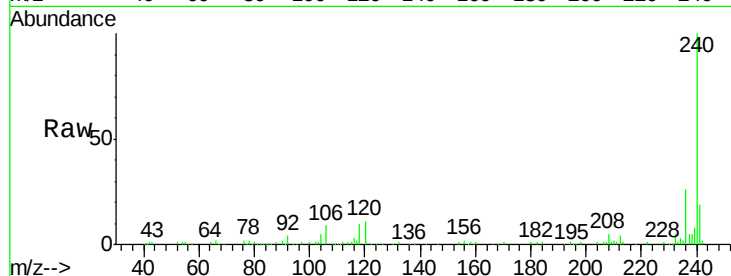
Tot Ion:240 Resp: 161976

Ion Ratio Lower Upper

240 100

120 11.4 16.2 24.2#

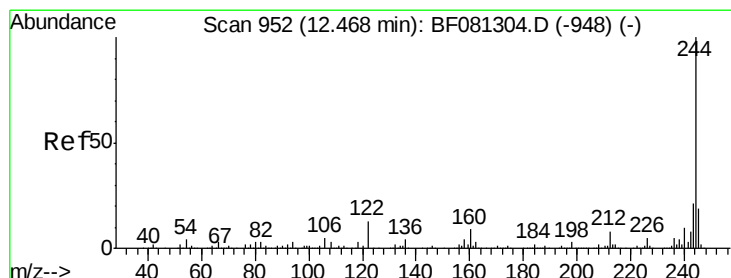
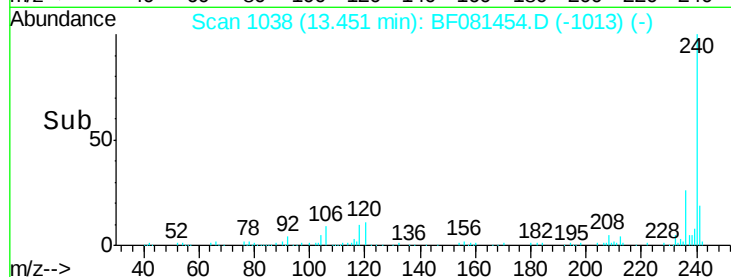
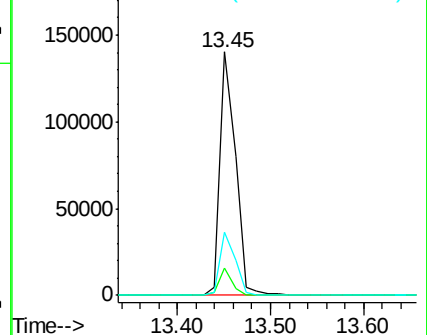
236 25.9 18.4 27.6



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: 60.21 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081454.D

Acq: 5 Sep 2015 9:10

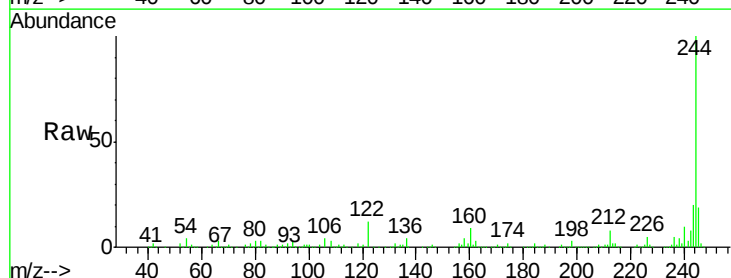
Tgt Ion:244 Resp: 418951

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

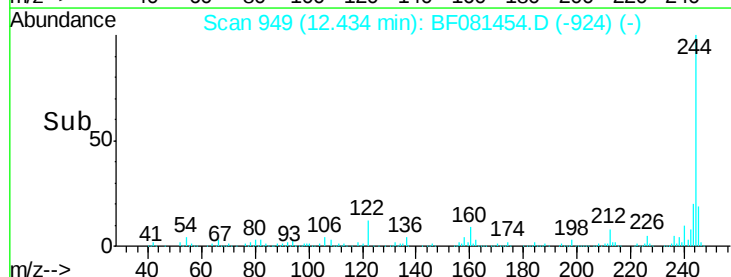
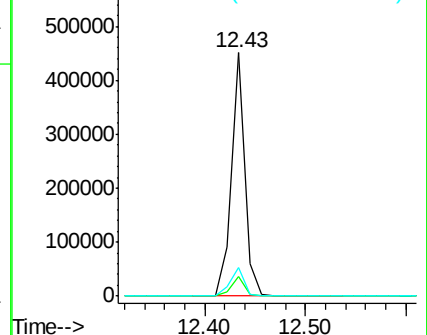
122 11.5 17.4 26.2#

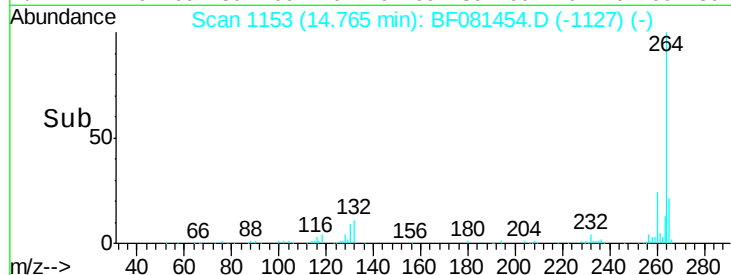
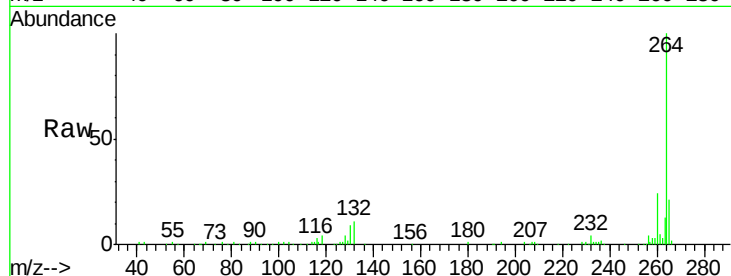
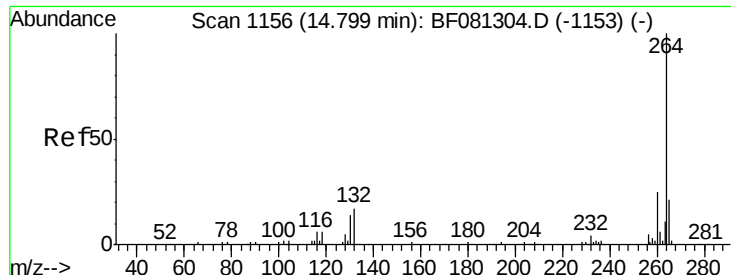


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081454.D
Acq: 5 Sep 2015 9:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	119185
Ion Ratio	Lower	Upper	
264	100		
260	23.9	16.7	25.1
265	20.9	17.2	25.8

