

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081439.D
 Acq On : 5 Sep 2015 1:31
 Operator : UM/IZ
 Sample : G3526-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:56:18 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

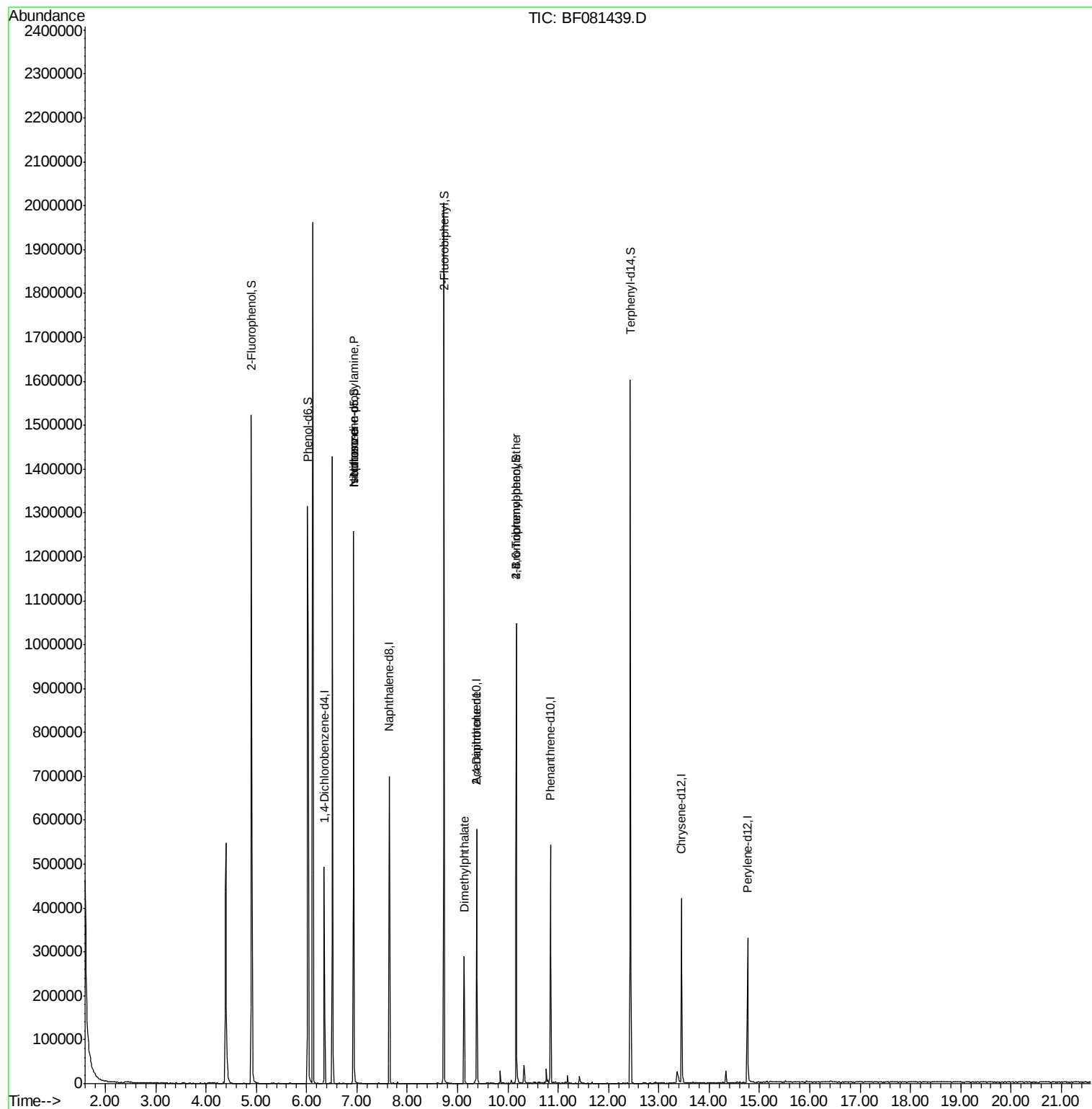
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	67245	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	275909	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	121280	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	240032	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	187043	20.00	ng	-0.01
86) Perylene-d12	14.77	264	137590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	406257	93.73	ng	0.00
7) Phenol-d6	6.02	99	590971	103.01	ng	-0.01
23) Nitrobenzene-d5	6.94	82	404310	70.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	105931	98.10	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	603378	63.75	ng	0.00
78) Terphenyl-d14	12.43	244	464002	57.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	54753	14.02	ng	# 62
25) Isophorone	6.94	82	299140	28.12	ng	# 58
49) Dimethylphthalate	9.13	163	103410	10.97	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	15227	5.59	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	8153	3.36	ng	# 1

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

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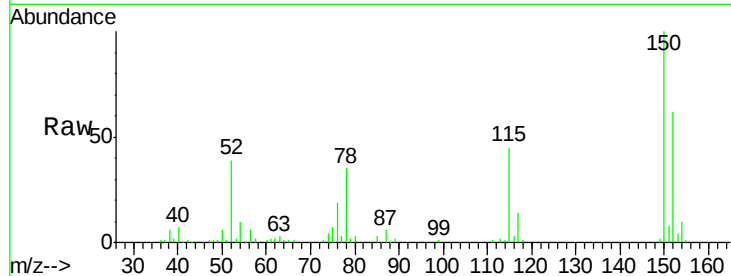


#1

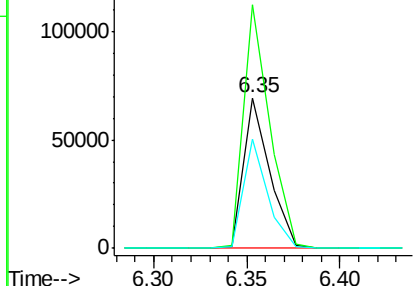
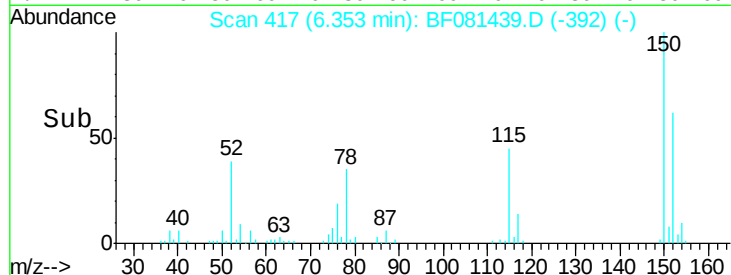
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 67245
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 72.4 39.0 58.4#



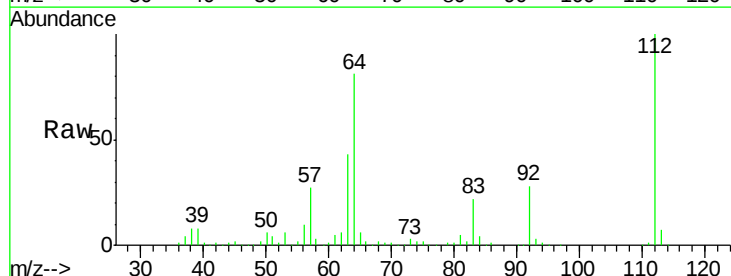
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



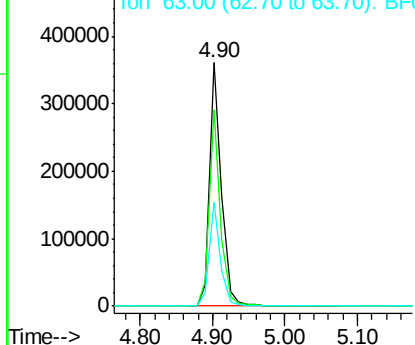
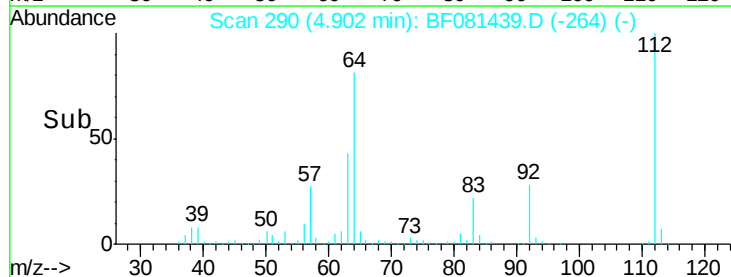
#5

2-Fluorophenol
Concen: 93.73 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

Tgt Ion:112 Resp: 406257
Ion Ratio Lower Upper
112 100
64 80.7 39.7 59.5#
63 42.5 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: 103.01 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

Instrument :

BNA_F

ClientSampled :

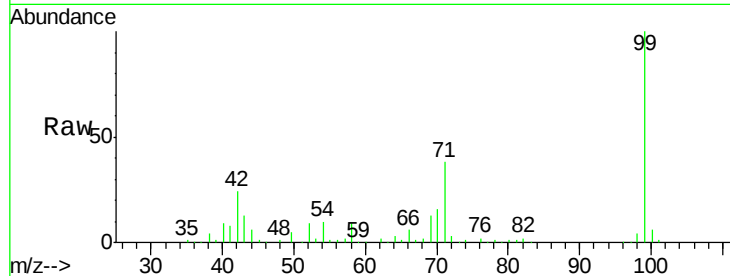
Tot Ion: 99 Resp: 590971

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

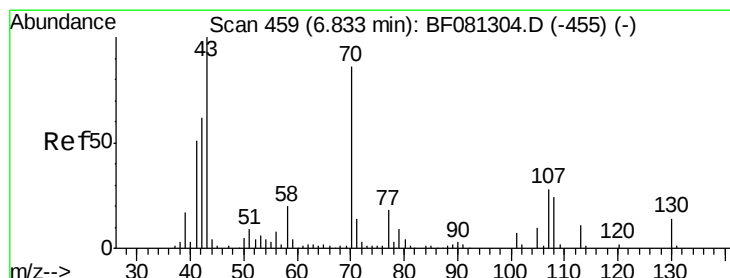
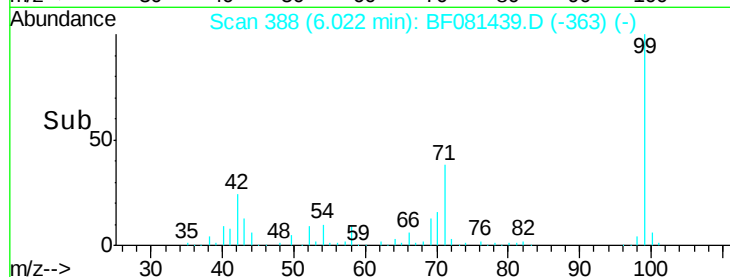
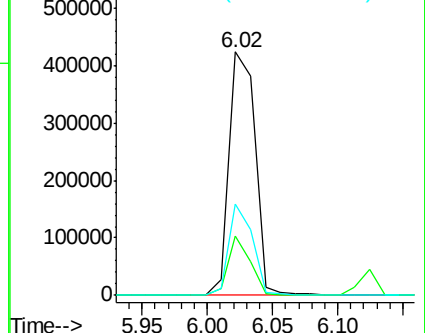
71 37.7 14.2 21.2#



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: 14.02 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

Tgt Ion: 70 Resp: 54753

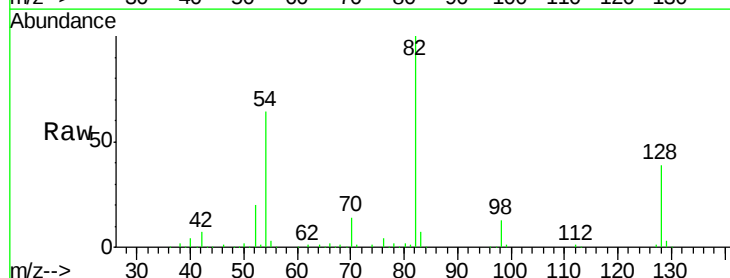
Ion Ratio Lower Upper

70 100

42 52.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

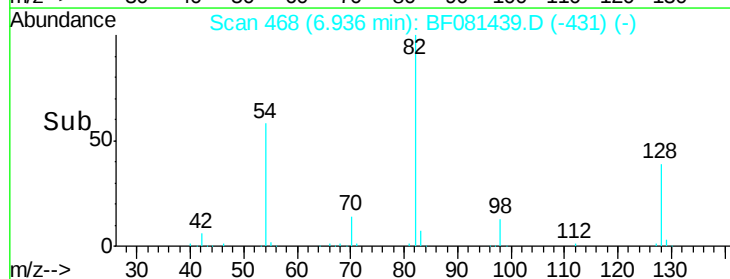
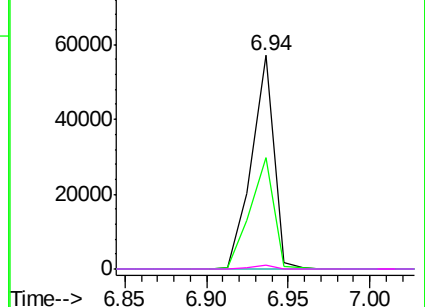


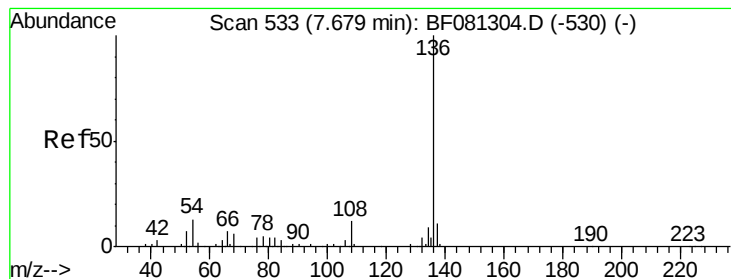
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081439.D

Acq: 5 Sep 2015 1:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 275909

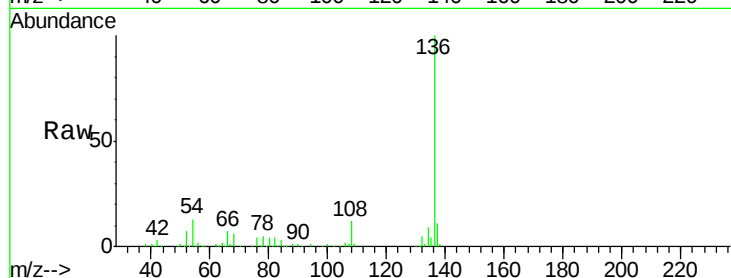
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 12.6 8.2 12.2#

68 5.9 5.8 8.6

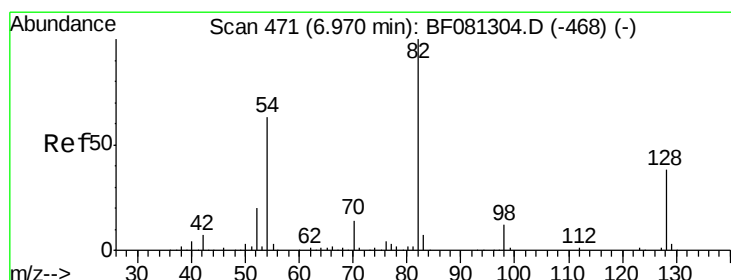
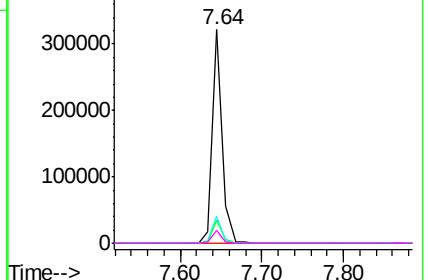
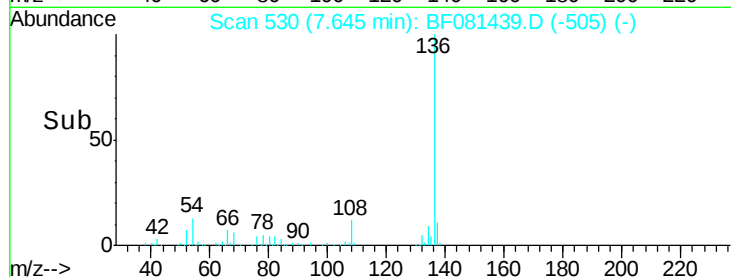


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.70 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

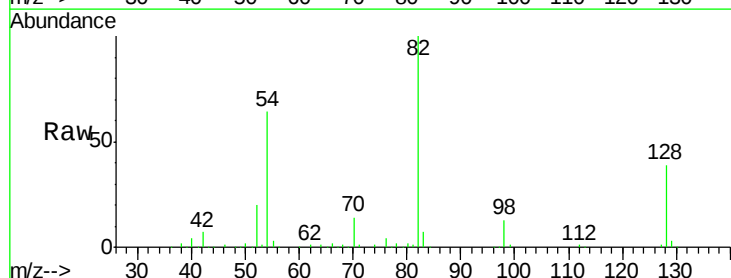
Tgt Ion: 82 Resp: 404310

Ion Ratio Lower Upper

82 100

128 38.7 51.0 76.6#

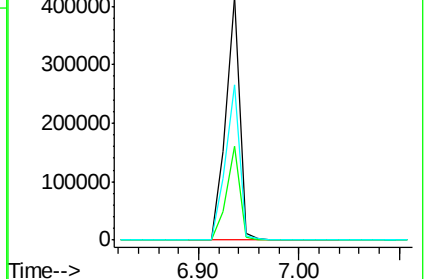
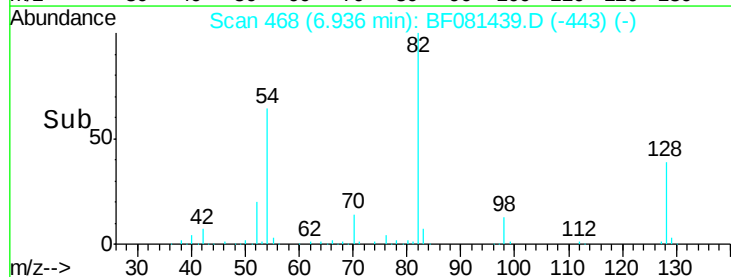
54 64.0 47.5 71.3

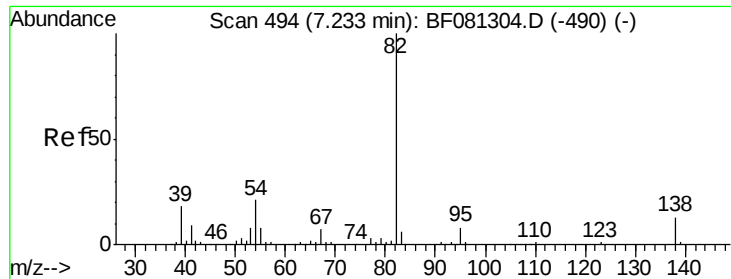


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.12 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

Instrument :

BNA_F

ClientSampleId :

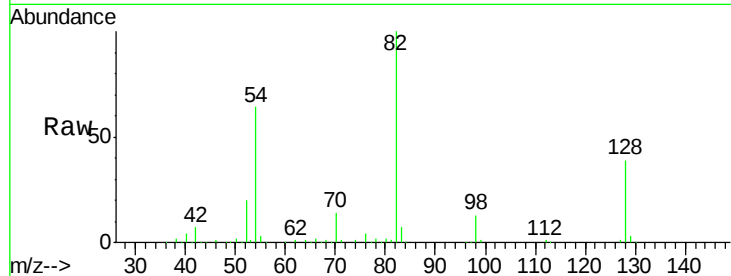
Tot Ion: 82 Resp: 299140

Ion Ratio Lower Upper

82 100

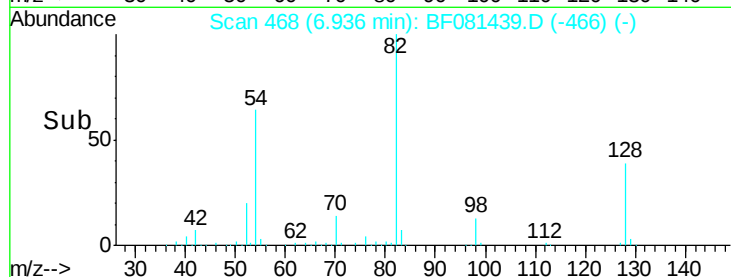
95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

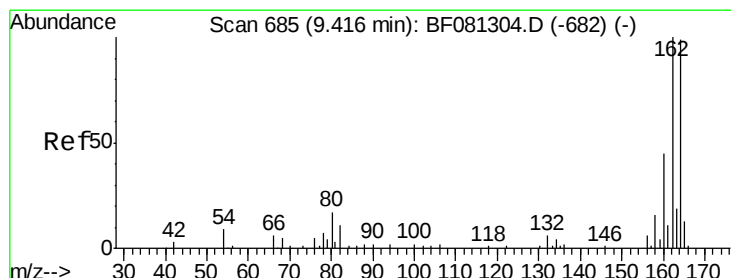


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

6.94



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

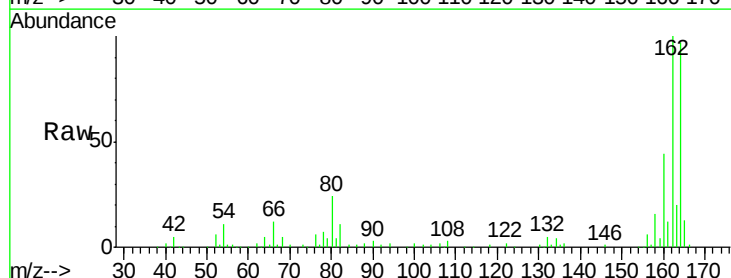
Tgt Ion:164 Resp: 121280

Ion Ratio Lower Upper

164 100

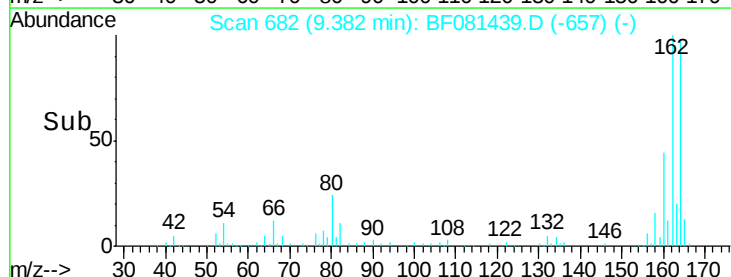
162 103.5 75.2 112.8

160 45.3 31.5 47.3

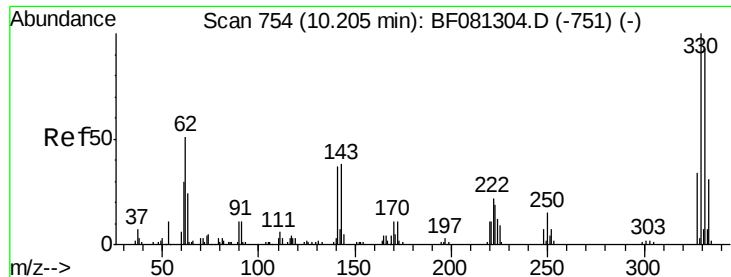


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

9.38



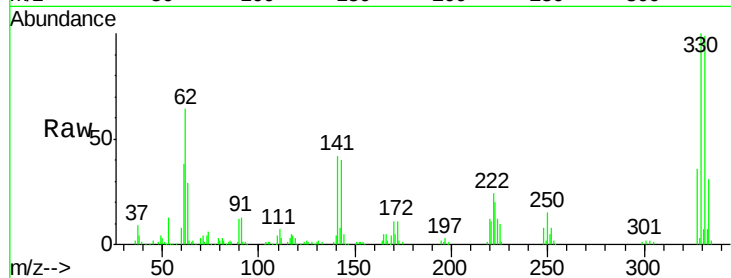
Time-->



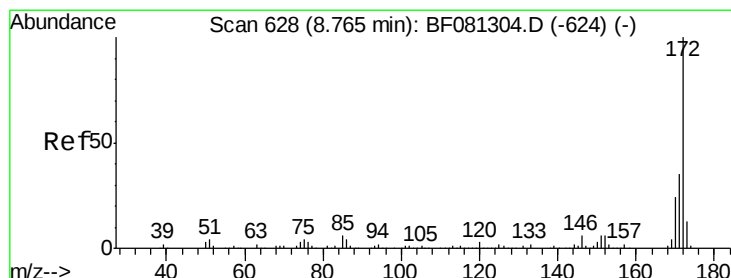
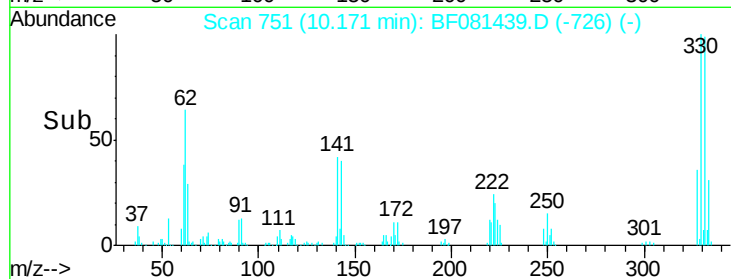
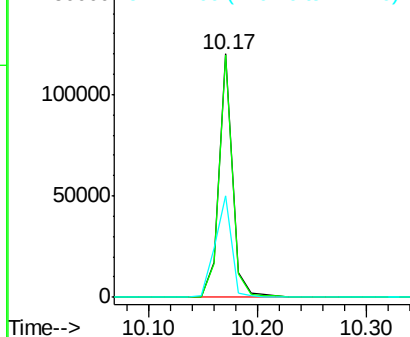
#41
 2,4,6-Tribromophenol
 Concen: 98.10 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081439.D
 Acq: 5 Sep 2015 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 105931
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 50.5 29.7 44.5#

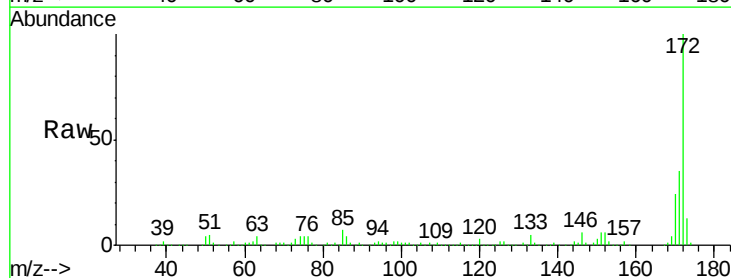


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

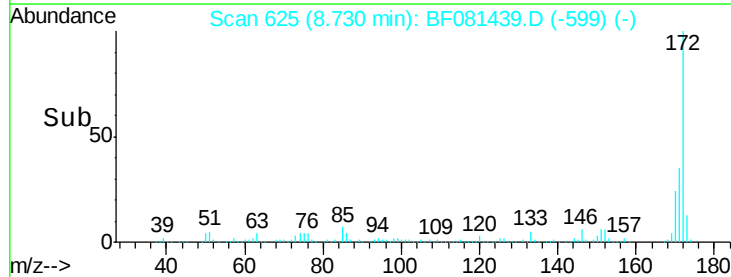
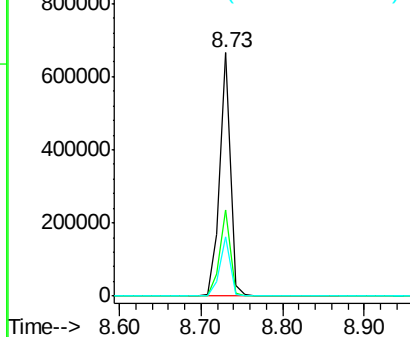


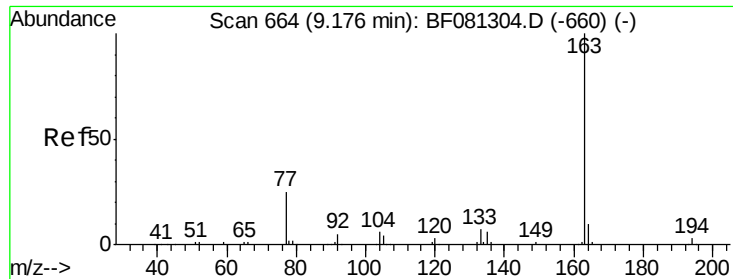
#44
 2-Fluorobiphenyl
 Concen: 63.75 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081439.D
 Acq: 5 Sep 2015 1:31

Tgt Ion:172 Resp: 603378
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.2 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

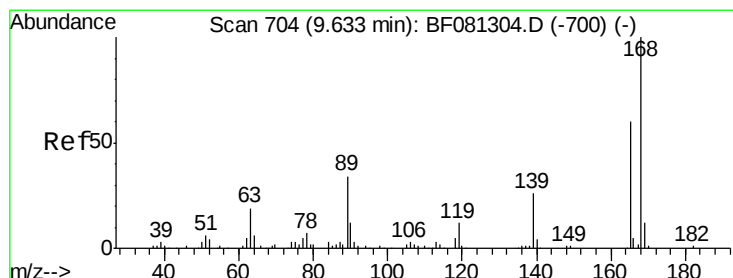
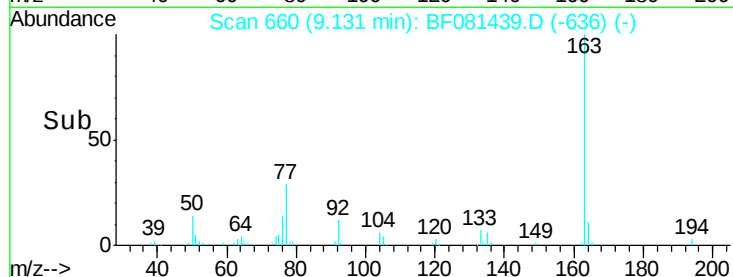
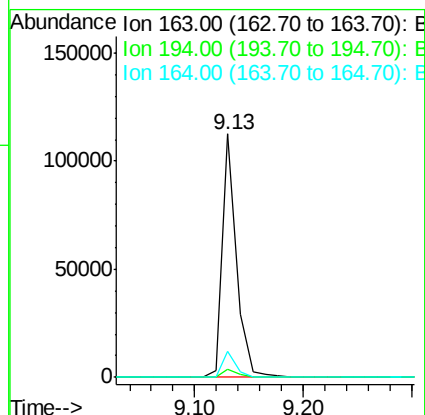
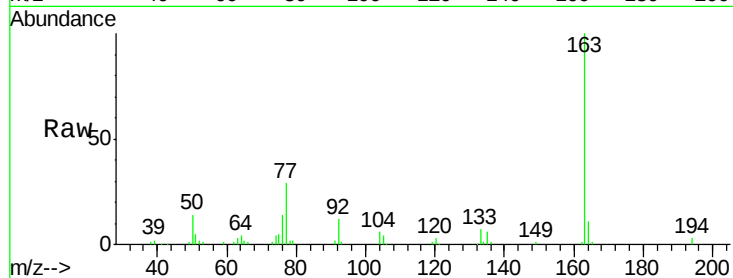




#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

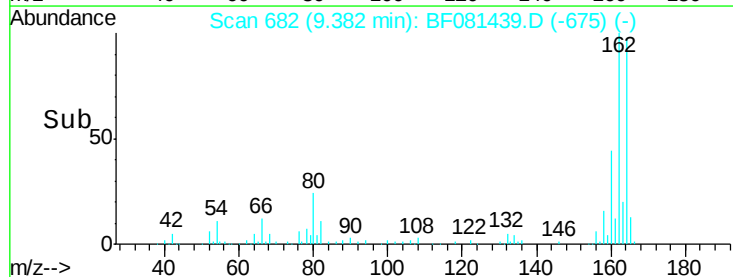
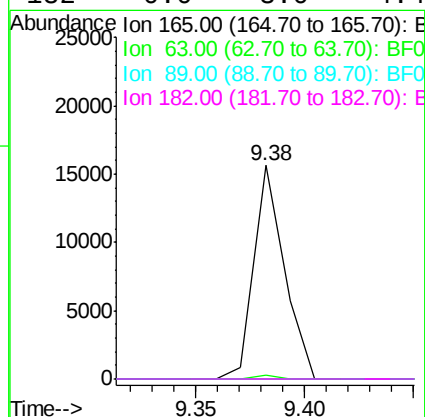
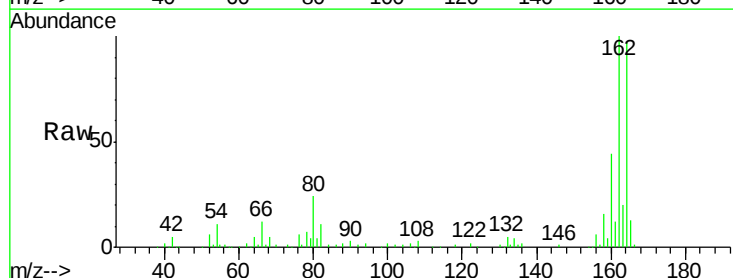
Instrument :
BNA_F
ClientSampled :

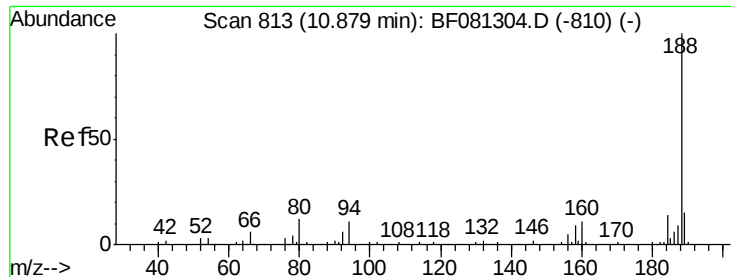
Tot Ion:163 Resp: 103410
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

Tgt Ion:165 Resp: 15227
Ion Ratio Lower Upper
165 100
63 2.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

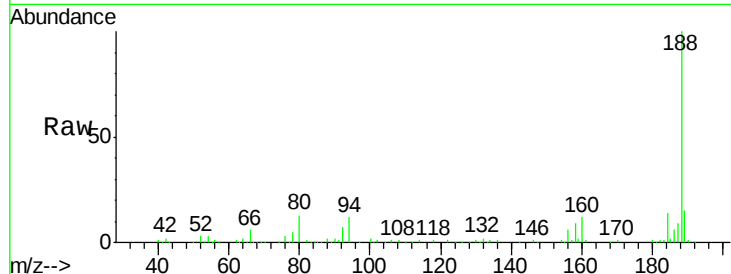




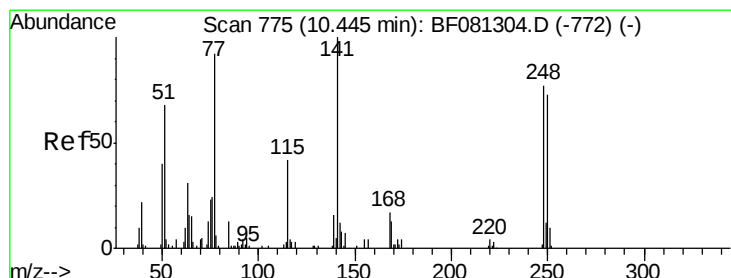
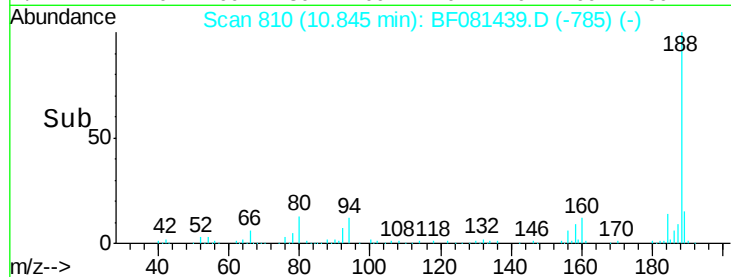
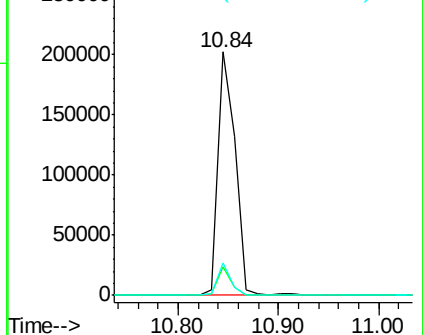
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 240032
Ion Ratio Lower Upper
188 100
94 11.9 11.1 16.7
80 13.4 11.0 16.4

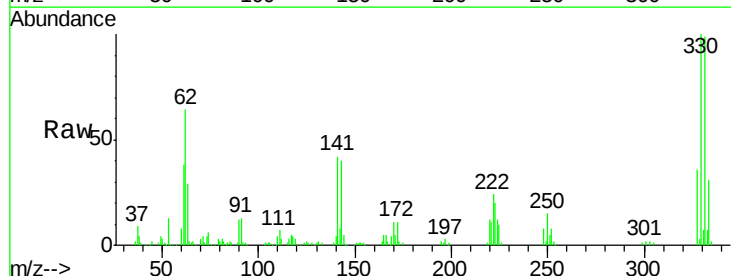


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

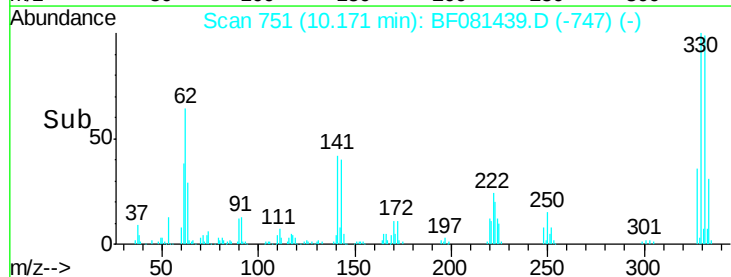
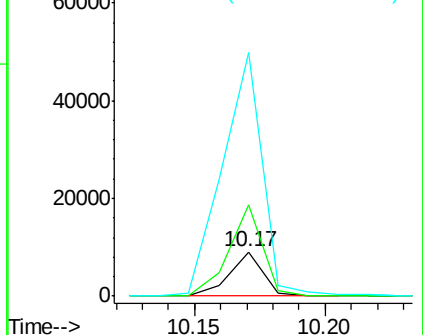


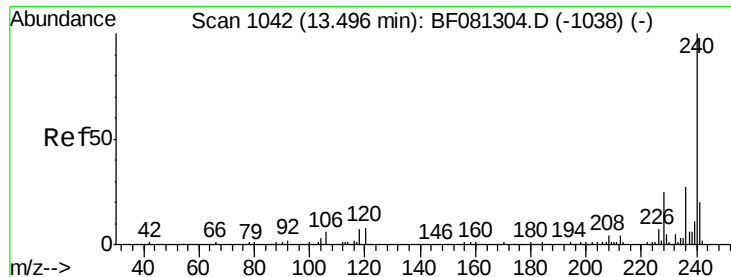
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081439.D
Acq: 5 Sep 2015 1:31

Tgt Ion:248 Resp: 8153
Ion Ratio Lower Upper
248 100
250 205.4 78.5 117.7#
141 550.9 59.0 88.6#



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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

Instrument :

BNA_F

ClientSampleId :

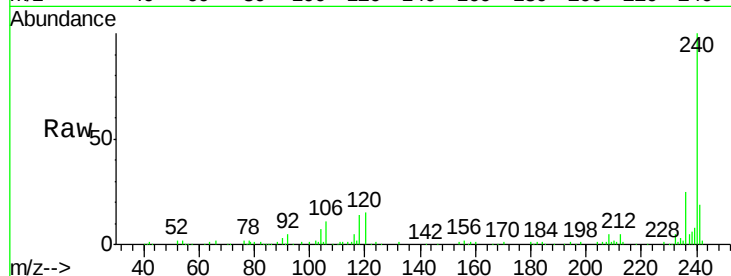
Tot Ion:240 Resp: 187043

Ion Ratio Lower Upper

240 100

120 14.9 16.2 24.2#

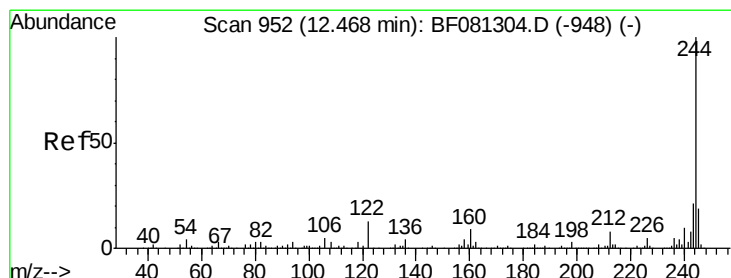
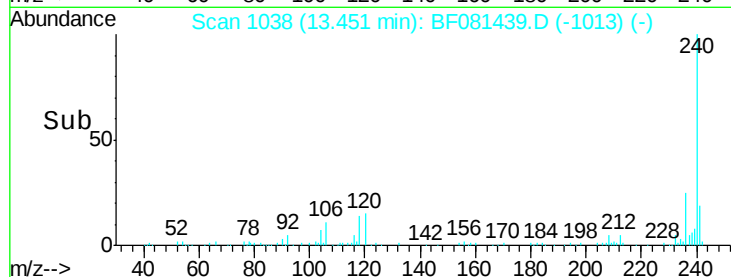
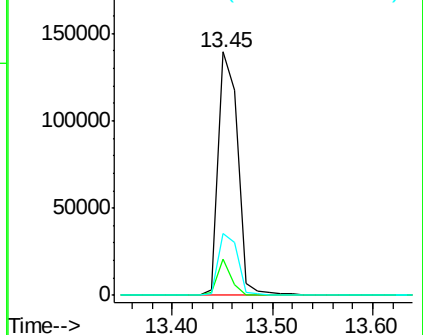
236 25.2 18.4 27.6



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: 57.75 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081439.D

Acq: 5 Sep 2015 1:31

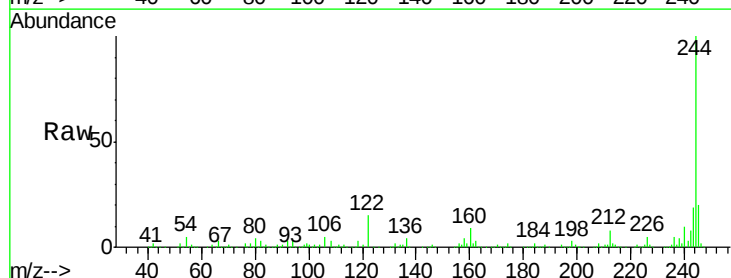
Tgt Ion:244 Resp: 464002

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

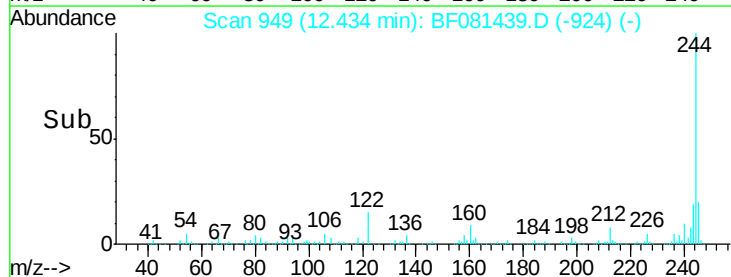
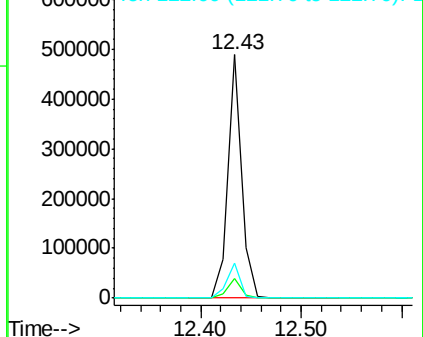
122 14.5 17.4 26.2#

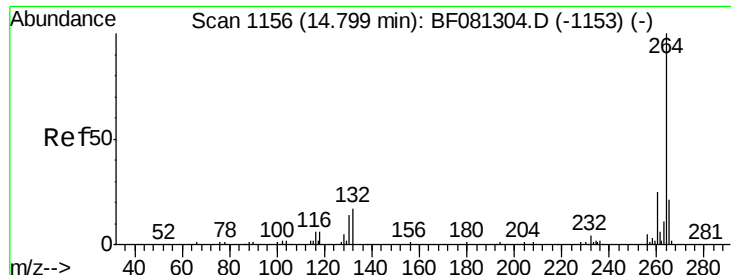


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

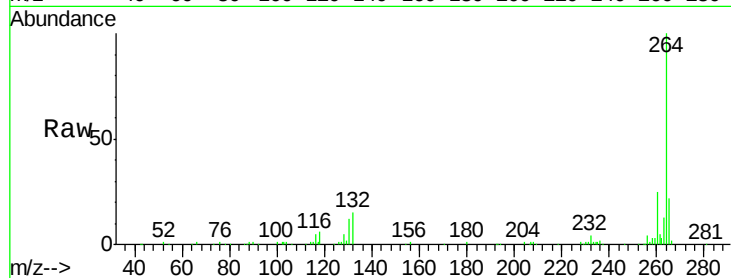




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081439.D
 Acq: 5 Sep 2015 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.7	17.2	25.8



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

