

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093439.D
 Acq On : 8 Mar 2017 20:12
 Operator : SJ/MA
 Sample : I2137-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Quant Time: Mar 09 00:05:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

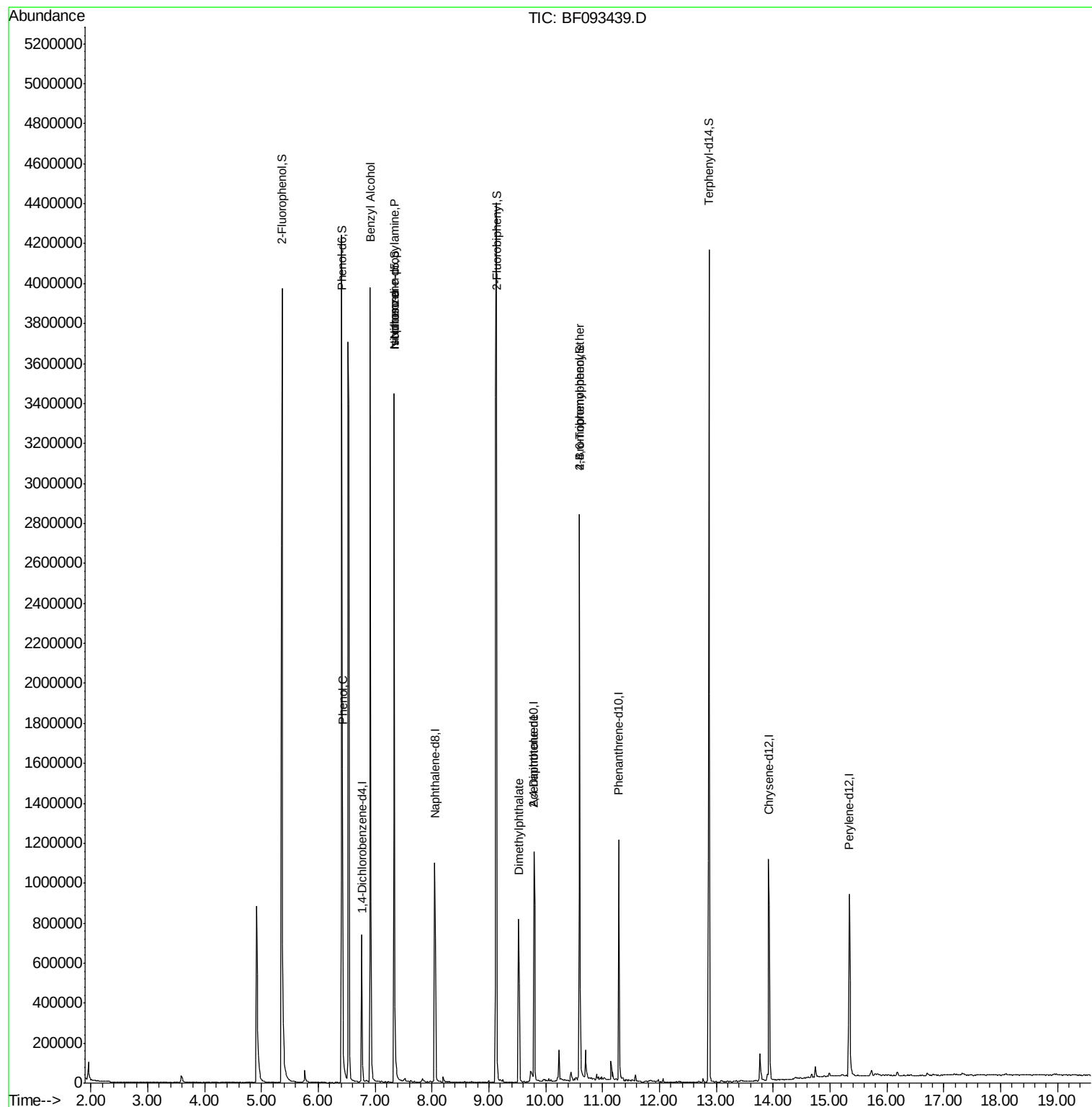
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	161488	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	645889	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	304768	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	583272	20.00	ng	0.00
75) Chrysene-d12	13.92	240	532294	20.00	ng	0.00
86) Perylene-d12	15.34	264	429882	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1552390	159.99	ng	0.01
7) Phenol-d6	6.41	99	1776011	145.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	1258818	108.14	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	328419	165.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1978410	120.74	ng	0.00
78) Terphenyl-d14	12.87	244	1628129	79.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	3046	Below Cal	#	1
10) Phenol	6.42	94	47675	3.18 ng	#	73
15) Benzyl Alcohol	6.92	79	18860	2.16 ng	#	44
19) n-Nitroso-di-n-propylamine	7.34	70	172921	20.56 ng	#	81
25) Isophorone	7.34	82	1250305	53.26 ng	#	65
49) Dimethylphthalate	9.52	163	421872	20.88 ng		98
56) 2,4-Dinitrotoluene	9.80	165	38354	7.04 ng	#	20
66) 4-Bromophenyl-phenylether	10.60	248	24906	4.04 ng	#	1

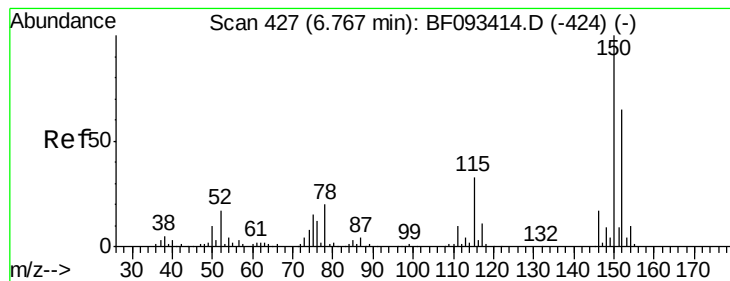
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

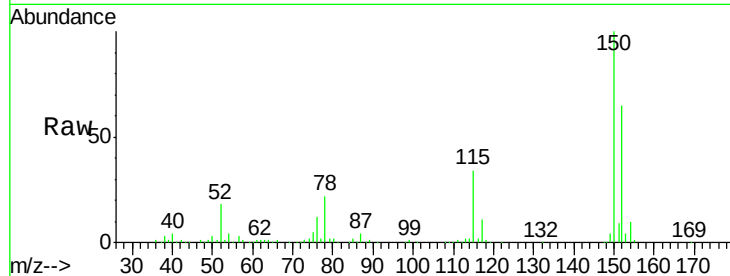
Tgt Ion:152 Resp: 161488

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

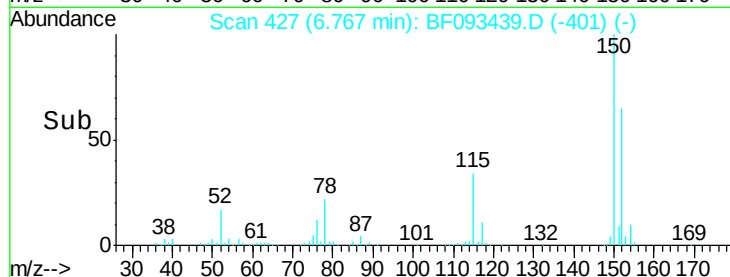
115 52.8 46.0 69.0



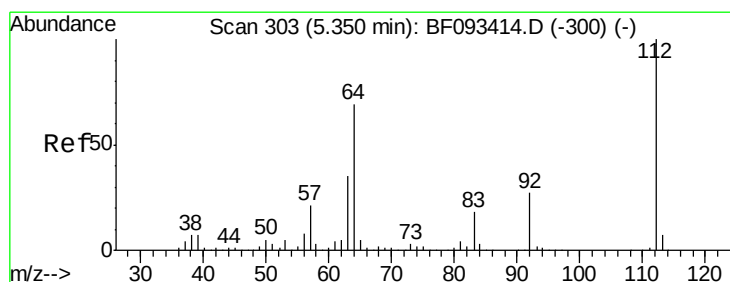
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 159.99 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

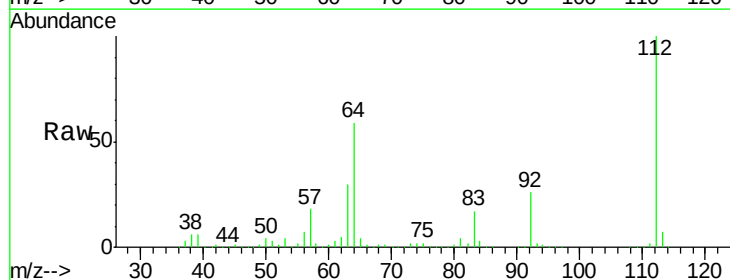
Tgt Ion:112 Resp: 1552390

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

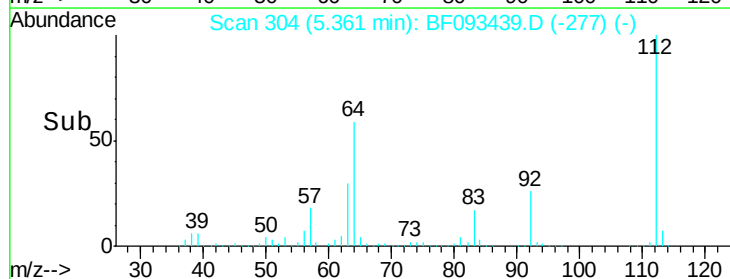
63 30.2 23.8 35.6



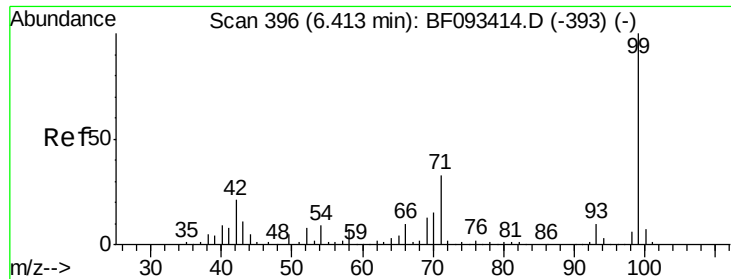
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 145.15 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

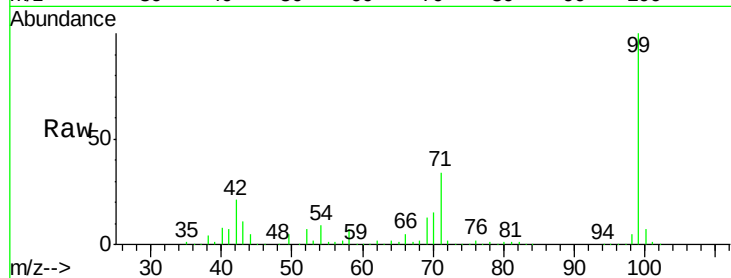
Tgt Ion: 99 Resp: 1776011

Ion Ratio Lower Upper

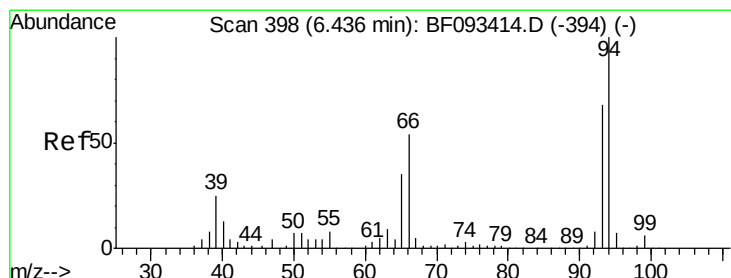
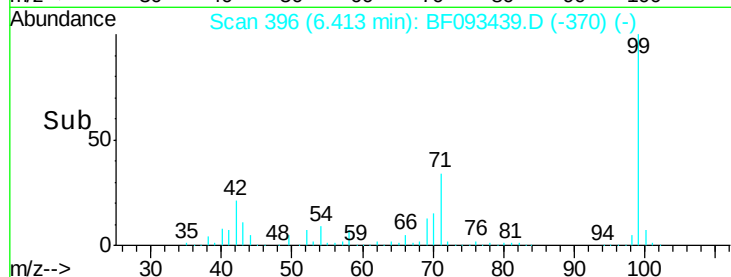
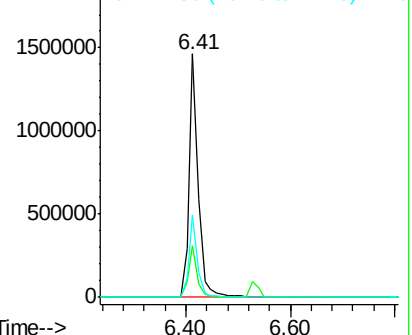
99 100

42 21.3 15.6 23.4

71 34.0 27.5 41.3



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



#10

Phenol

Concen: 3.18 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

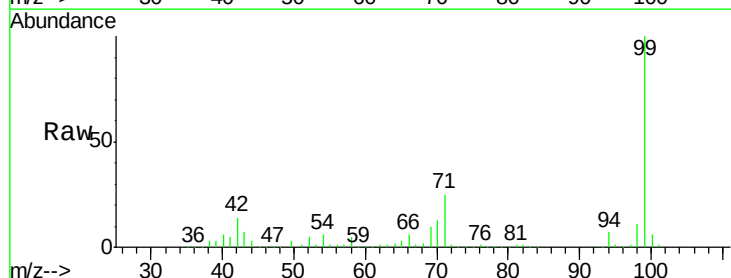
Tgt Ion: 94 Resp: 47675

Ion Ratio Lower Upper

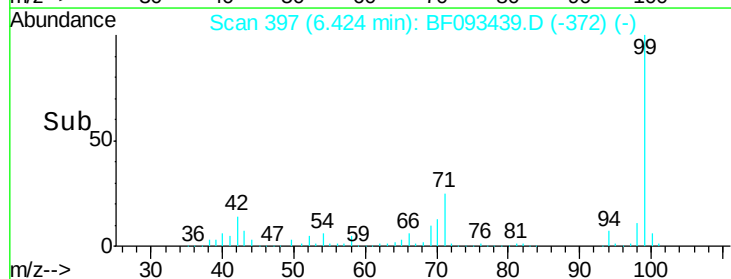
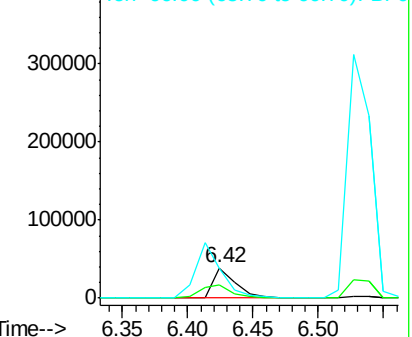
94 100

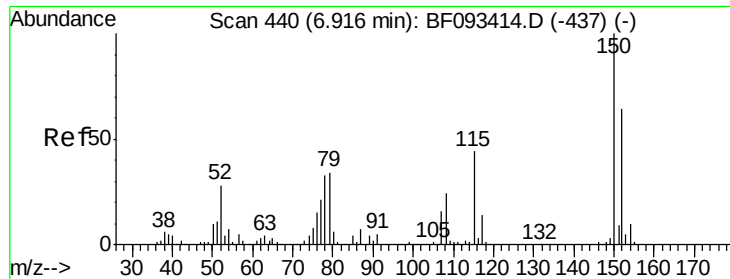
65 43.0 21.4 61.4

66 97.2 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampled :

38D-9-11

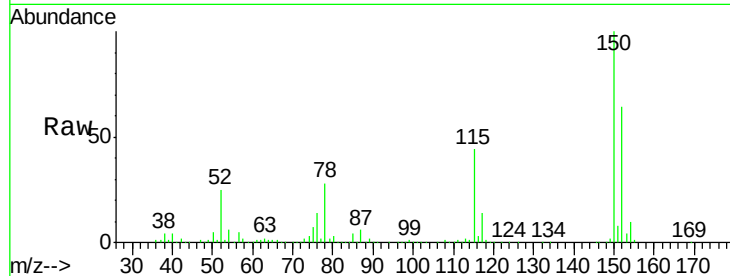
Tgt Ion: 79 Resp: 18860

Ion Ratio Lower Upper

79 100

108 27.2 61.4 92.0#

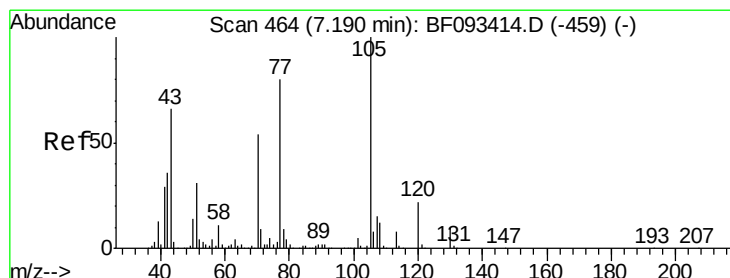
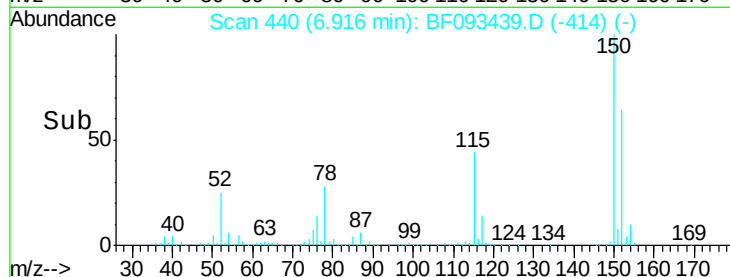
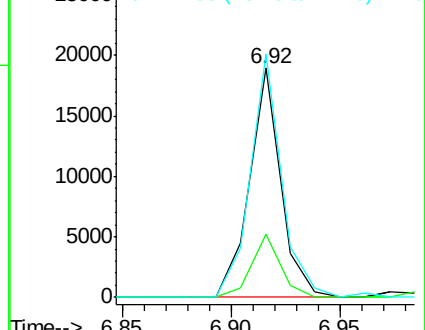
77 106.1 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.56 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Tgt Ion: 70 Resp: 172921

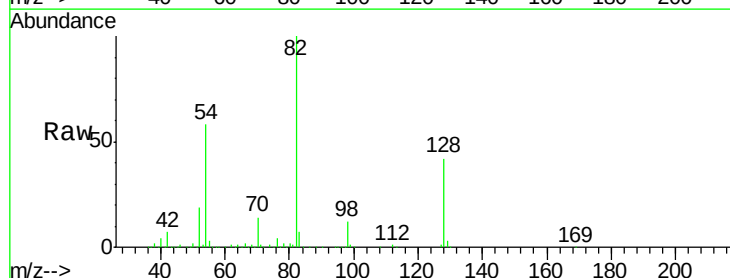
Ion Ratio Lower Upper

70 100

42 51.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

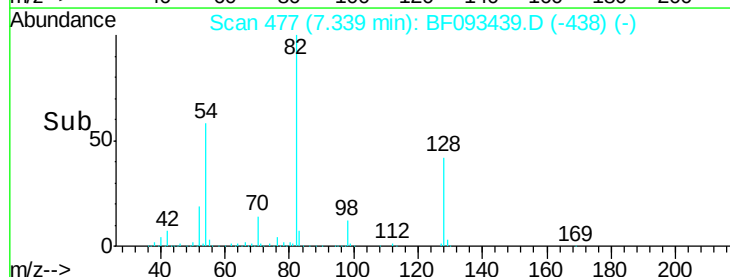
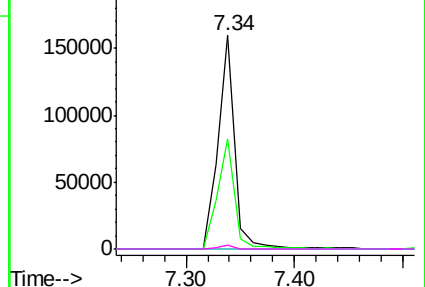


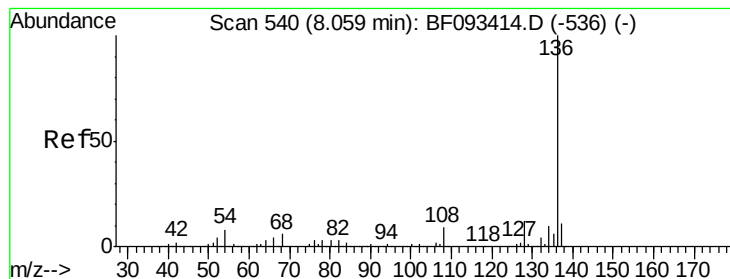
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

Tgt Ion:136 Resp: 645889

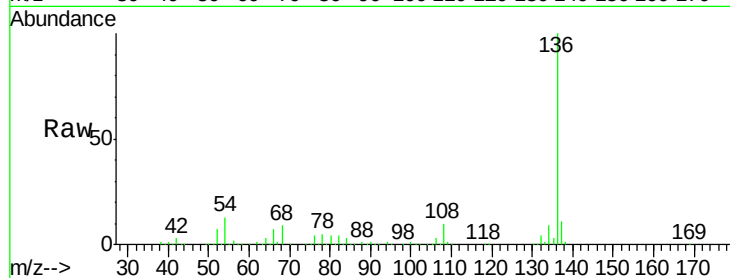
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 13.0 4.5 6.7#

68 8.9 3.6 5.4#

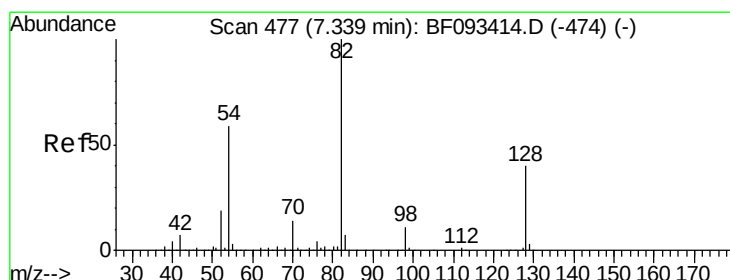
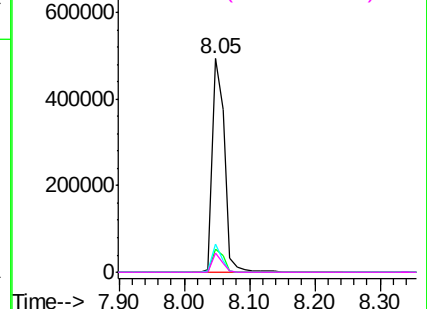
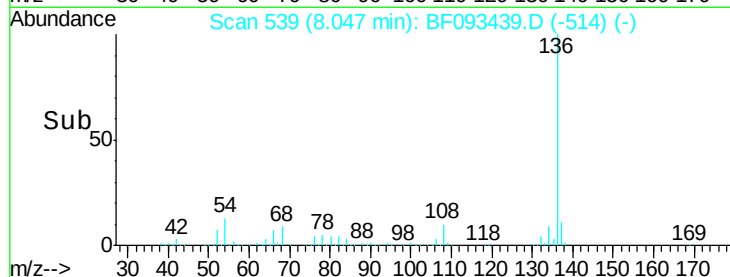


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.14 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

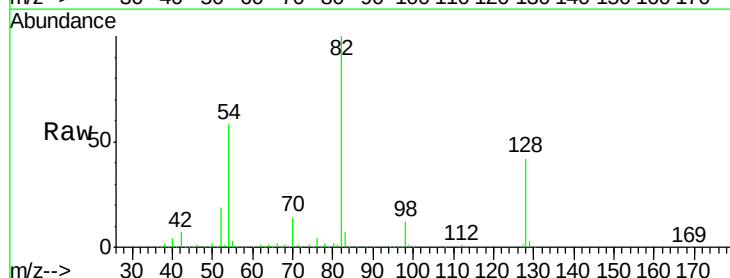
Tgt Ion: 82 Resp: 1258818

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

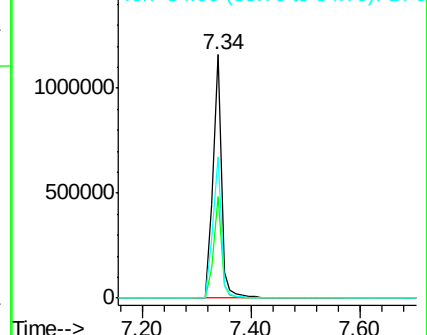
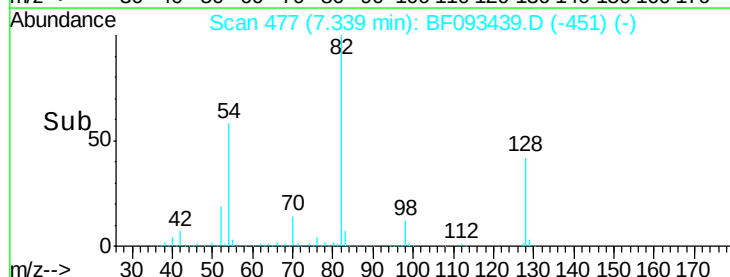
54 58.1 39.5 59.3

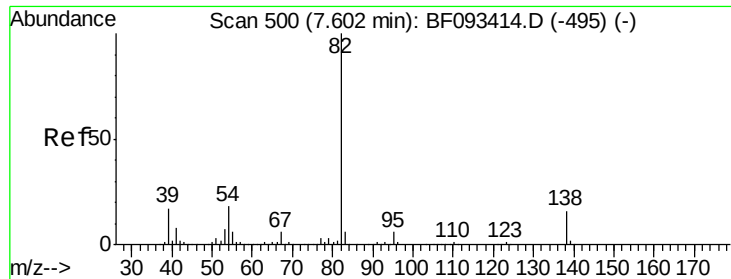


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

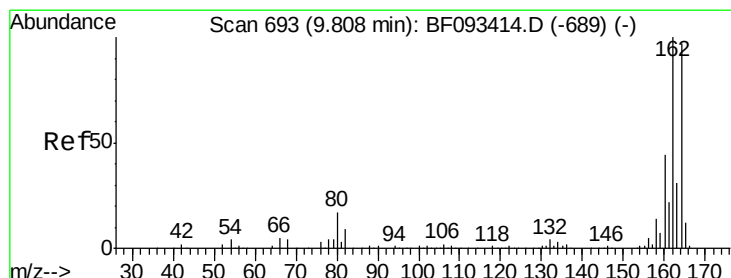
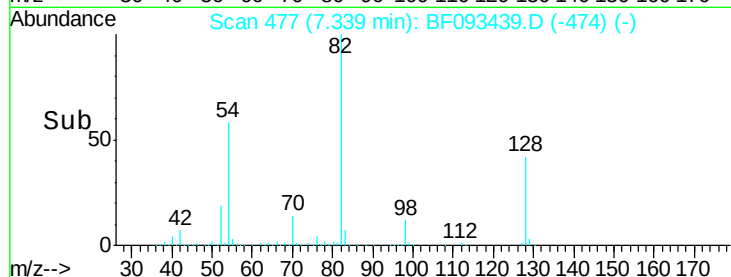
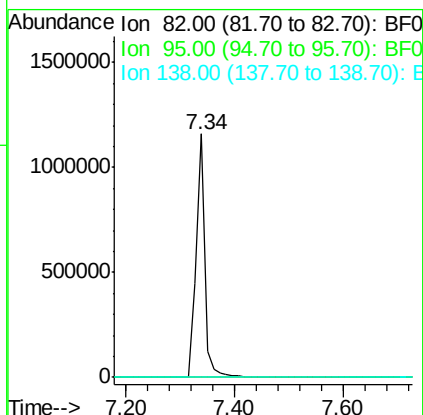
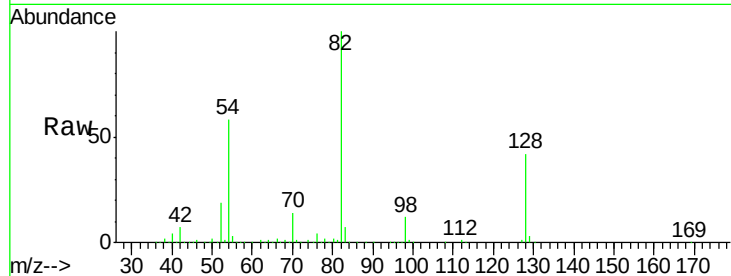




#25
Isophorone
Concen: 53.26 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

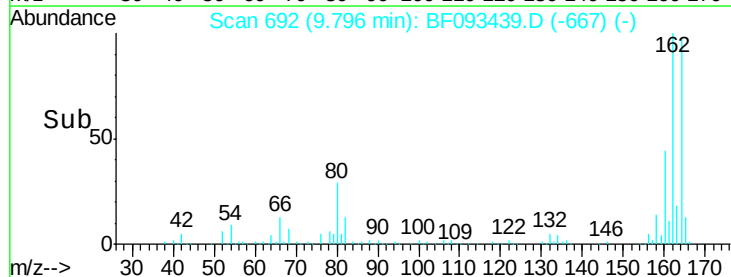
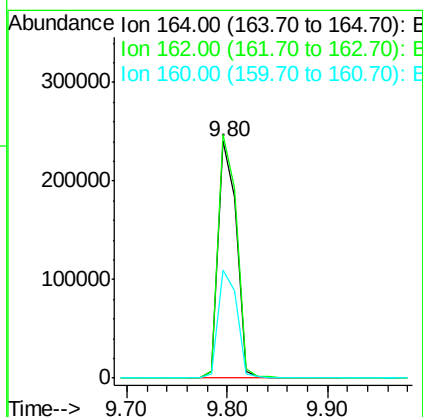
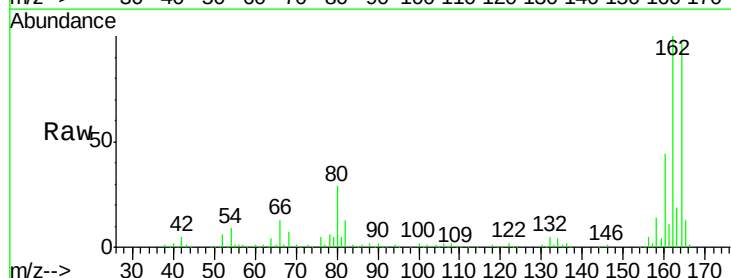
Instrument :
BNA_F
ClientSampleId :
38D-9-11

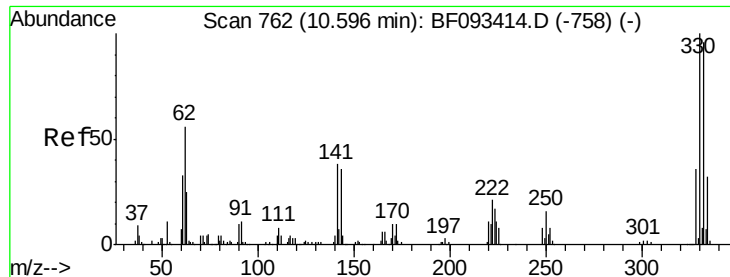
Tgt Ion: 82 Resp: 1250305
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion:164 Resp: 304768
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.3 36.9 55.3

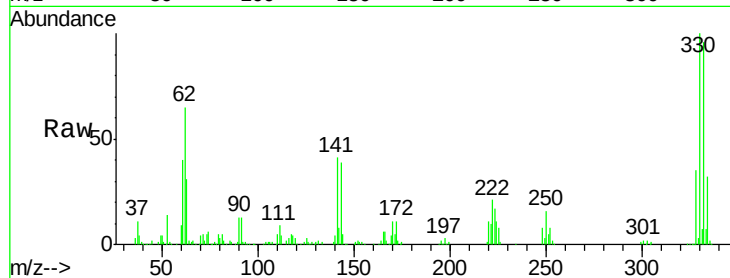




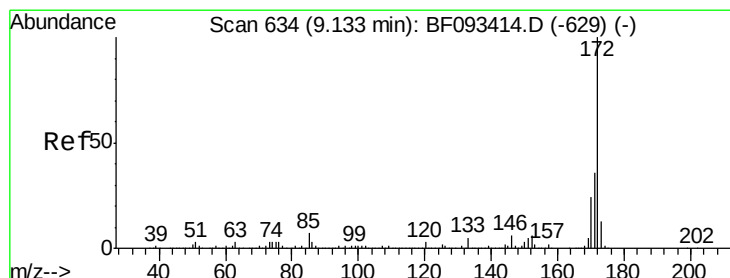
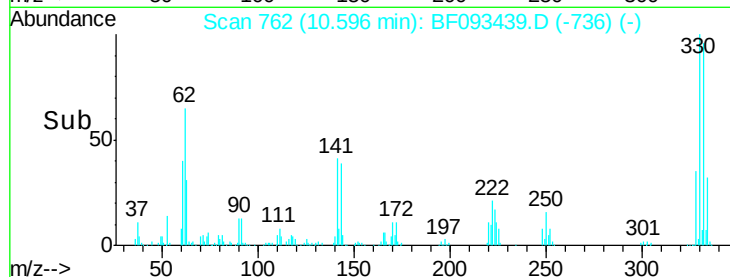
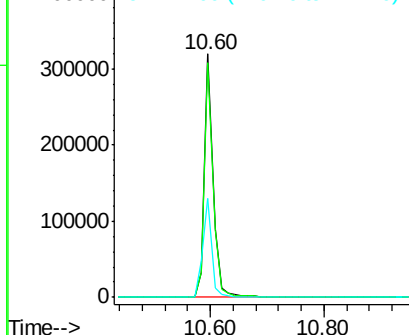
#41
 2,4,6-Tribromophenol
 Concen: 165.40 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093439.D
 Acq: 8 Mar 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Tgt Ion:330 Resp: 328419
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 42.6 34.1 51.1

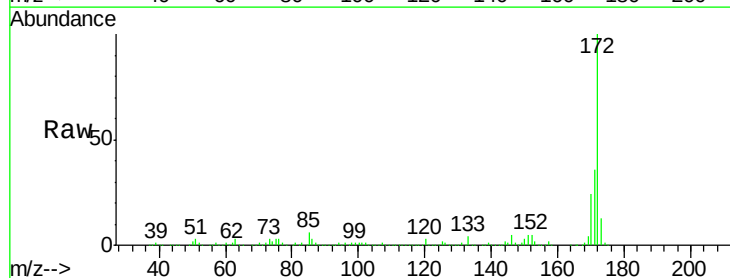


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

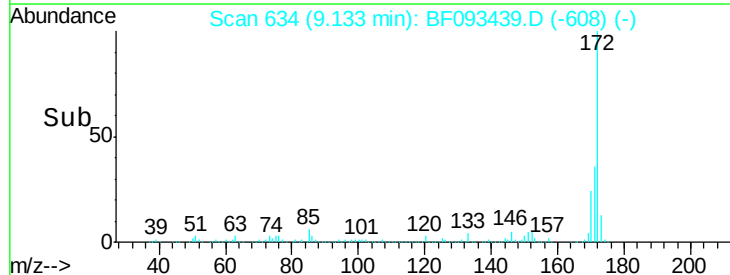
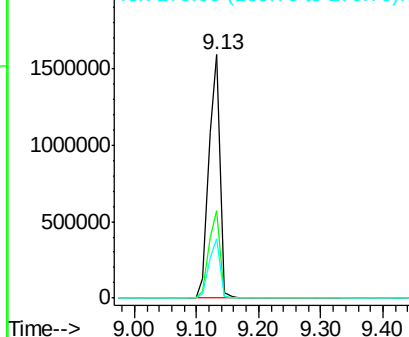


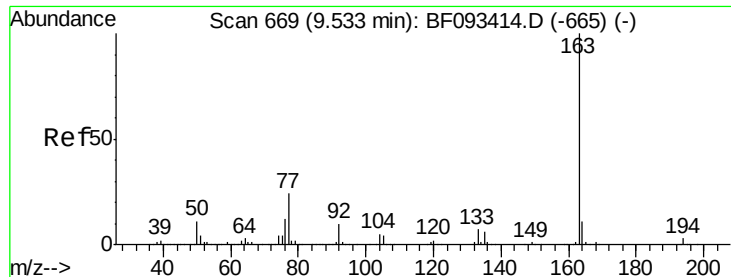
#44
 2-Fluorobiphenyl
 Concen: 120.74 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093439.D
 Acq: 8 Mar 2017 20:12

Tgt Ion:172 Resp: 1978410
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 20.2 30.4



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

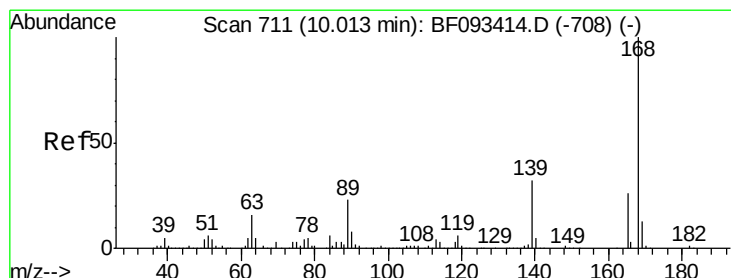
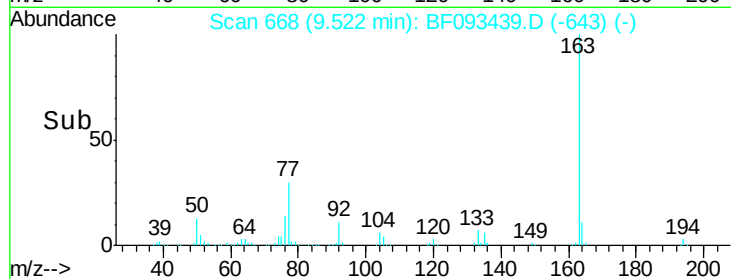
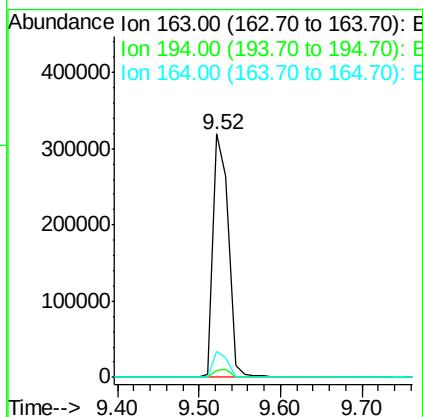
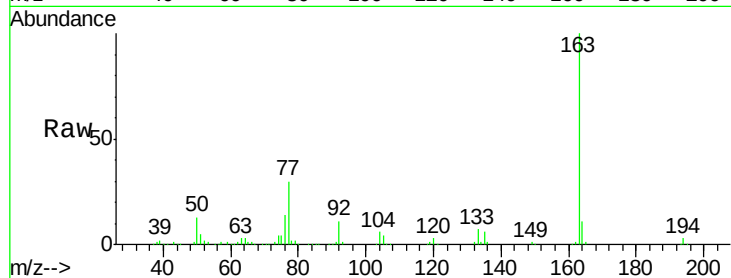




#49
Dimethylphthalate
Concen: 20.88 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

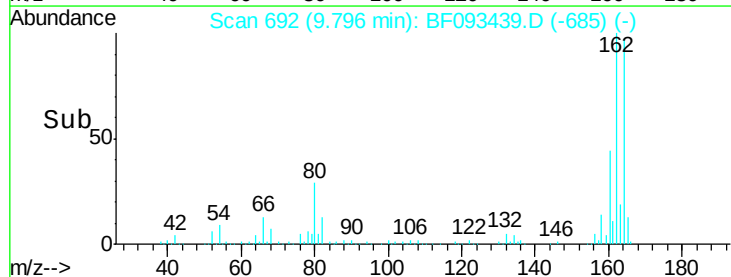
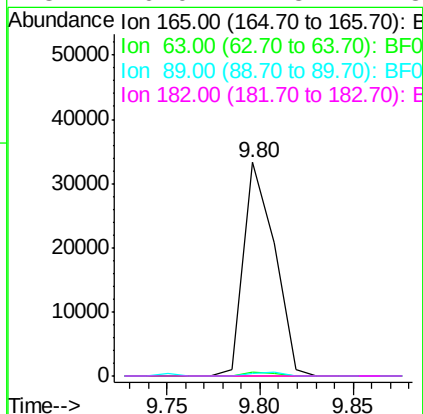
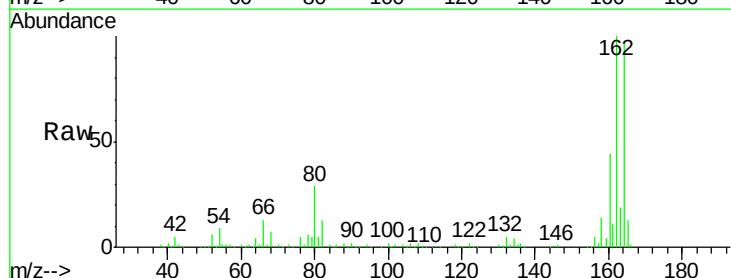
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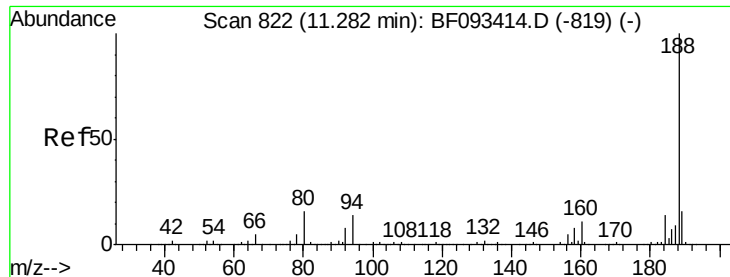
Tgt Ion:163 Resp: 421872
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.9 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.22 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion:165 Resp: 38354
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.3 62.5 93.7#
182 0.0 1.8 2.8#

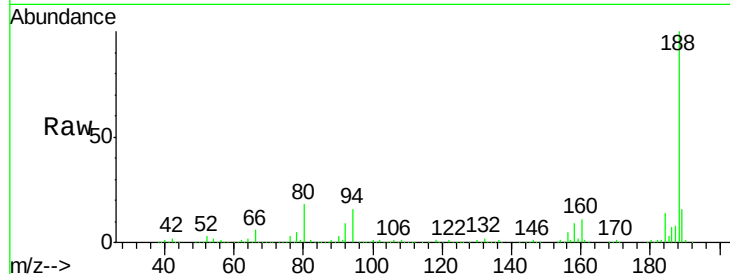




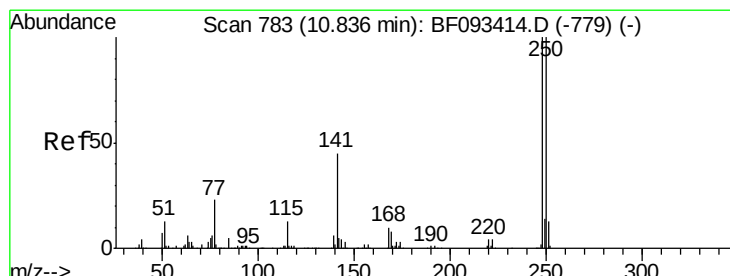
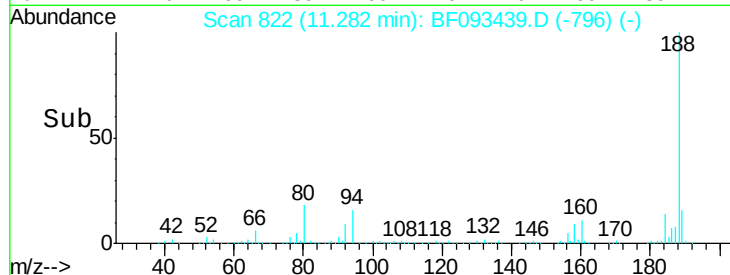
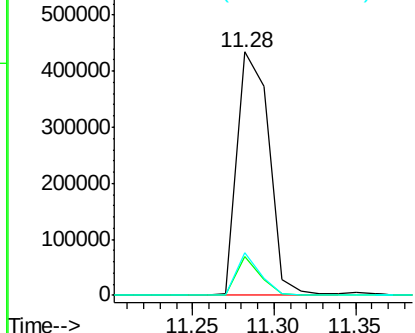
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Instrument :
BNA_F
ClientSampleID :
38D-9-11

Tgt Ion:188 Resp: 583272
Ion Ratio Lower Upper
188 100
94 15.9 10.0 15.0#
80 17.7 11.2 16.8#

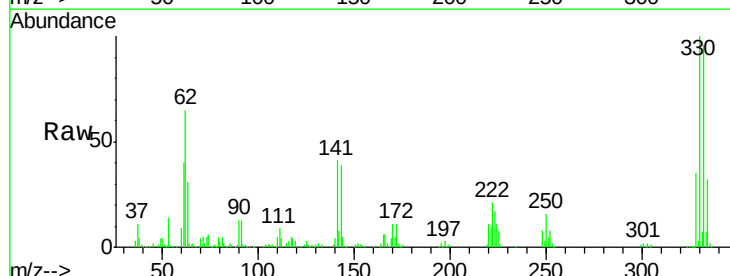


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

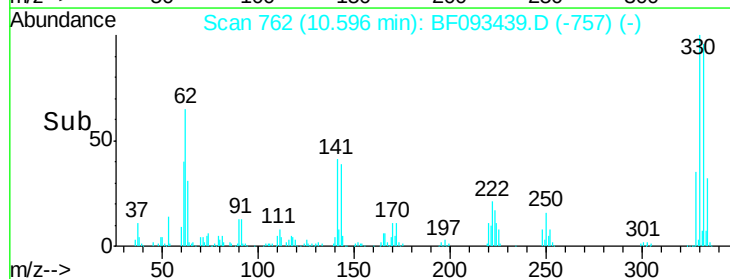
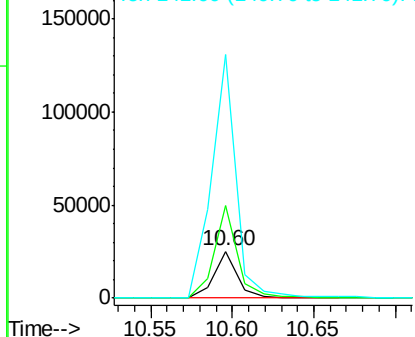


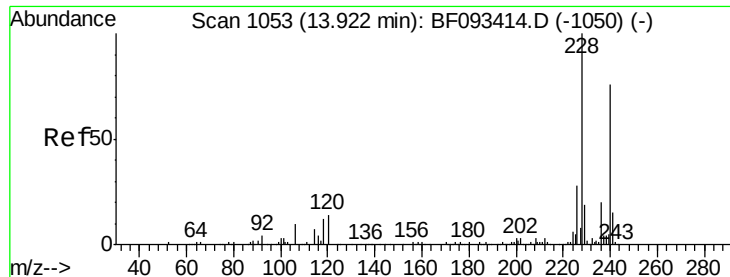
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion:248 Resp: 24906
Ion Ratio Lower Upper
248 100
250 199.5 76.9 115.3#
141 521.3 68.2 102.4#



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: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

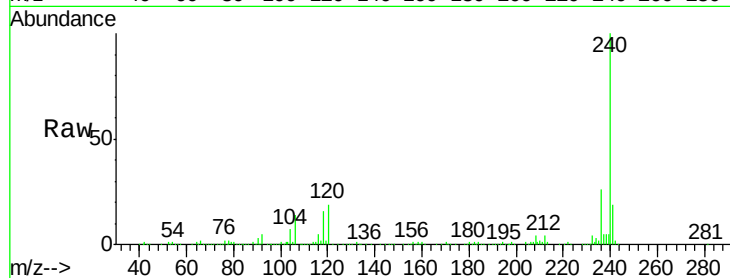
Tgt Ion:240 Resp: 532294

Ion Ratio Lower Upper

240 100

120 19.2 12.9 19.3

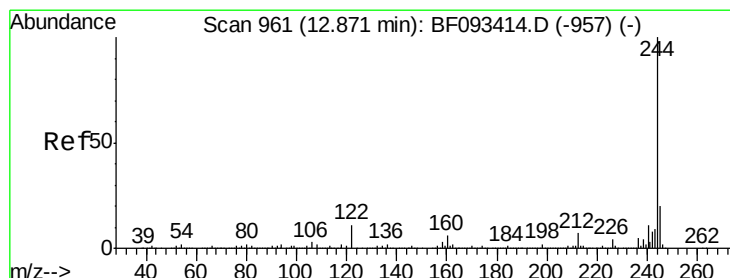
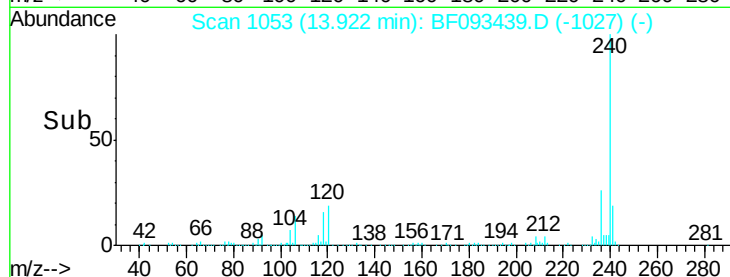
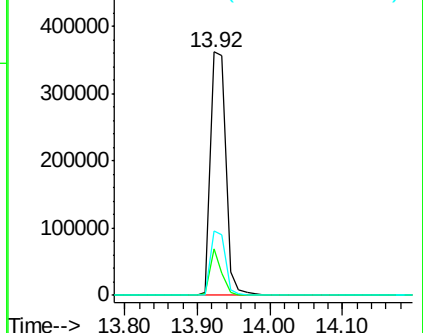
236 26.4 20.9 31.3



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: 79.52 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

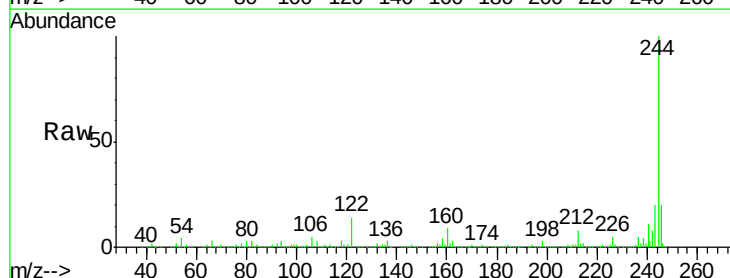
Tgt Ion:244 Resp: 1628129

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

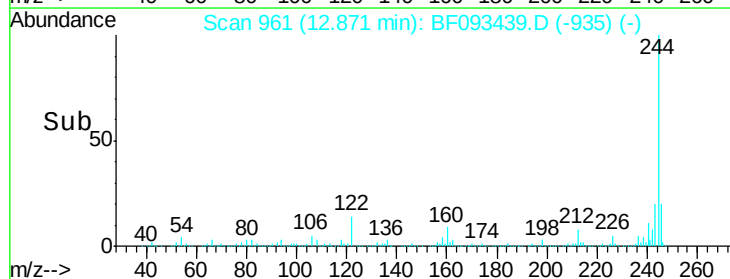
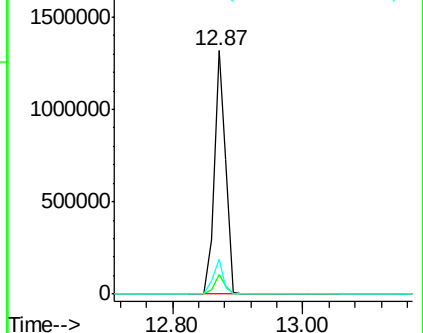
122 14.1 11.4 17.2

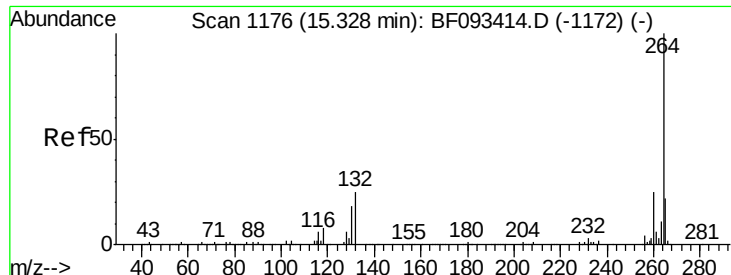


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Instrument :
BNA_F
ClientSampleId :
38D-9-11

Tgt Ion: 264 Resp: 429882

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.5	17.4	26.0

