

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093617.D
 Acq On : 13 Mar 2017 19:45
 Operator : SJ/MA
 Sample : I2174-27
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Quant Time: Mar 14 01:04:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

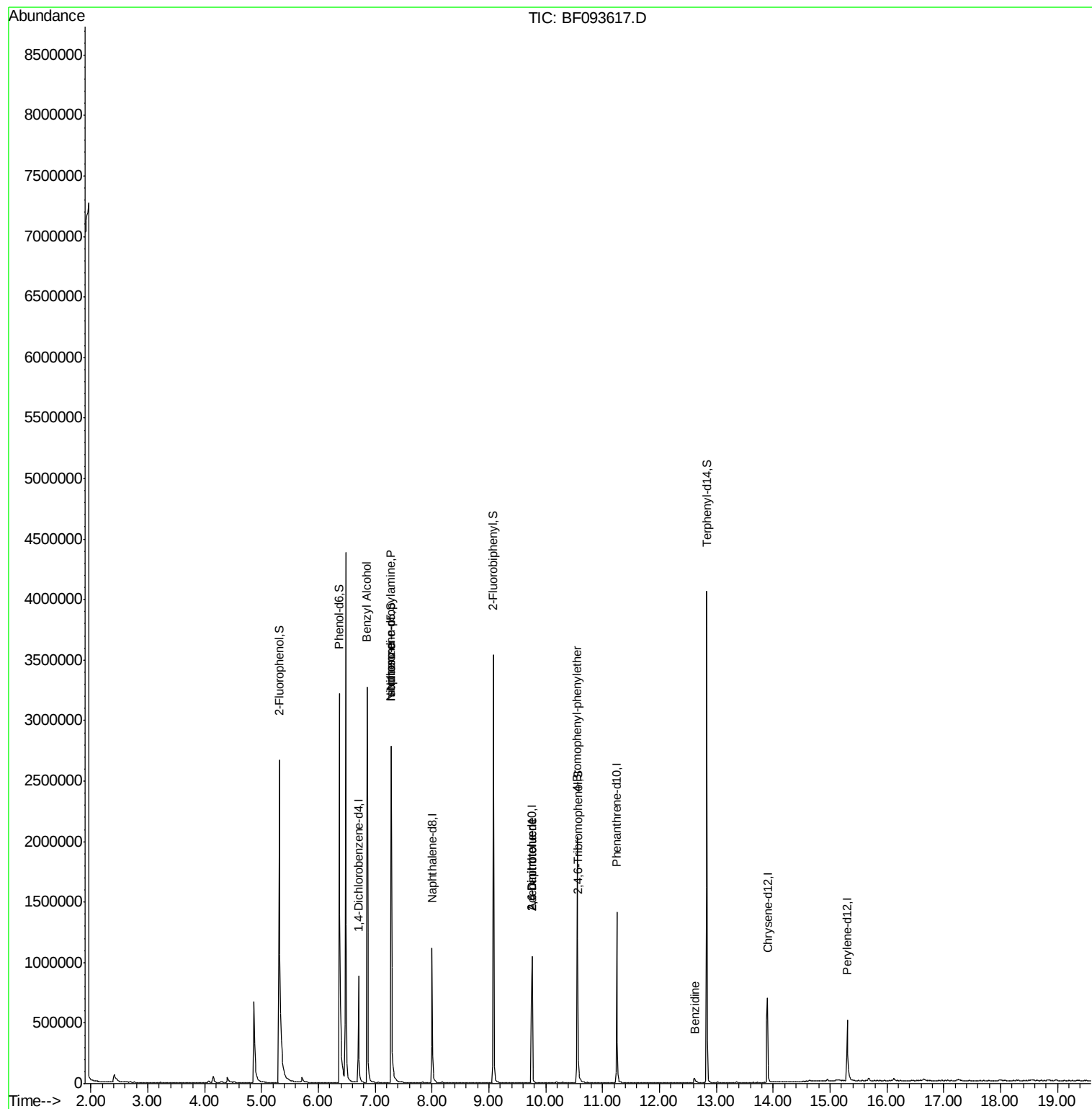
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	145858	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	587765	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	271437	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	539224	20.00	ng	0.00
75) Chrysene-d12	13.90	240	366850	20.00	ng	0.01
86) Perylene-d12	15.31	264	258224	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1213571	138.48	ng	0.00
7) Phenol-d6	6.37	99	1544188	139.73	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1033881	97.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	282430	159.70	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1558674	106.81	ng	-0.01
78) Terphenyl-d14	12.84	244	1311336	92.94	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2434	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	16277	2.07 ng	#	46
19) n-Nitroso-di-n-propylamine	7.28	70	139202	18.32 ng	#	83
25) Isophorone	7.28	82	1017853	47.65 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	33545	8.50 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	33545	6.92 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	20856	3.66 ng	#	1
76) Benzydine	12.62	184	37644	3.12 ng		96

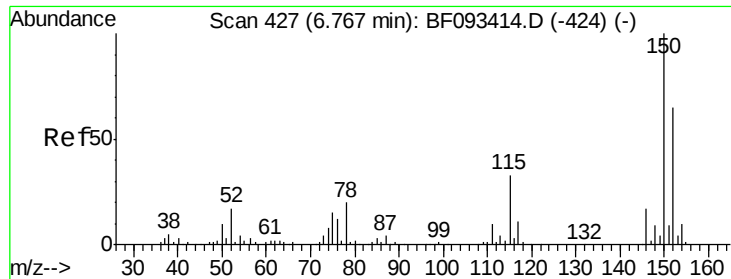
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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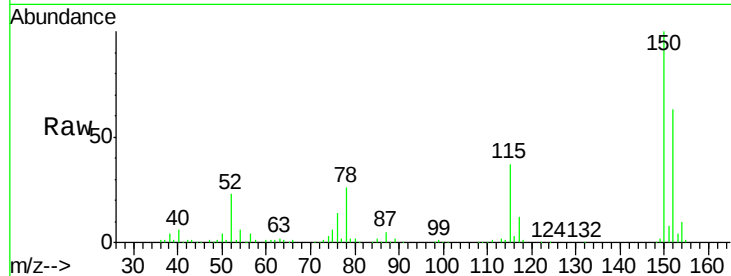


#1

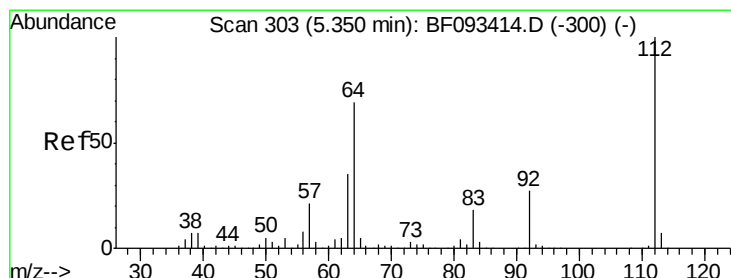
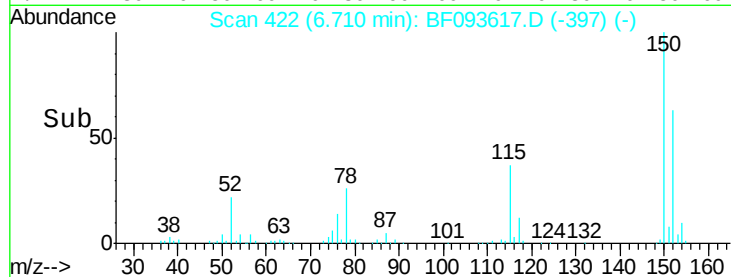
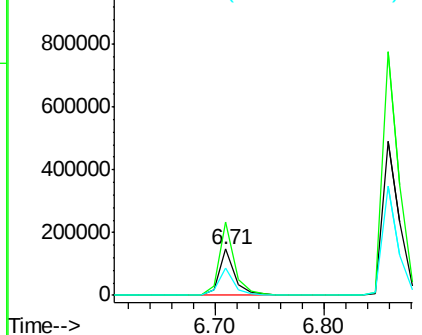
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
D-85

Tgt Ion:152 Resp: 145858
Ion Ratio Lower Upper
152 100
150 159.7 124.9 187.3
115 59.1 46.0 69.0



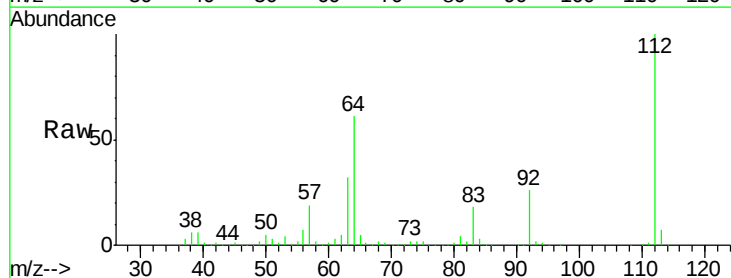
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



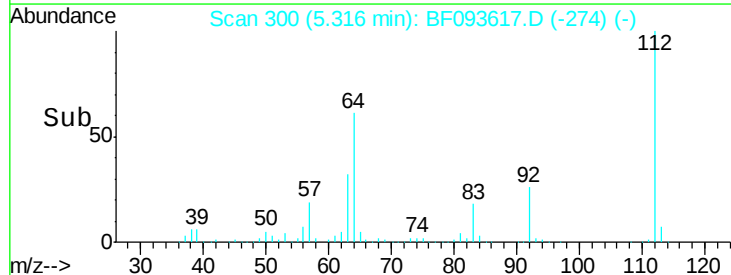
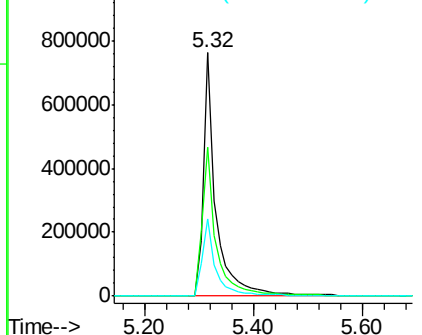
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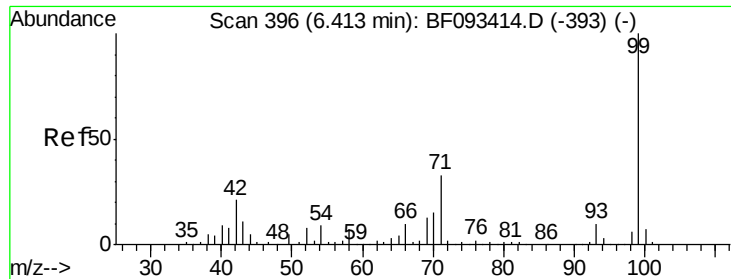
2-Fluorophenol
Concen: 138.48 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Tgt Ion:112 Resp: 1213571
Ion Ratio Lower Upper
112 100
64 61.1 46.1 69.1
63 31.5 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





#7

Phenol-d6

Concen: 139.73 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

Instrument :

BNA_F

ClientSampled :

D-85

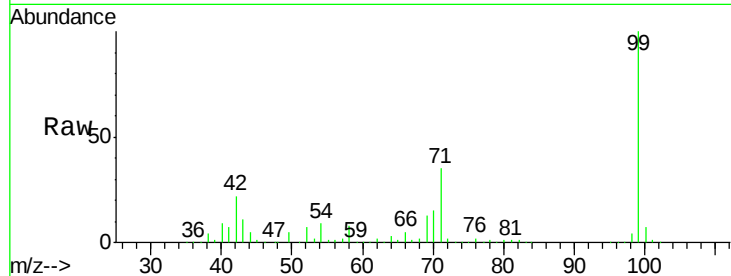
Tgt Ion: 99 Resp: 1544188

Ion Ratio Lower Upper

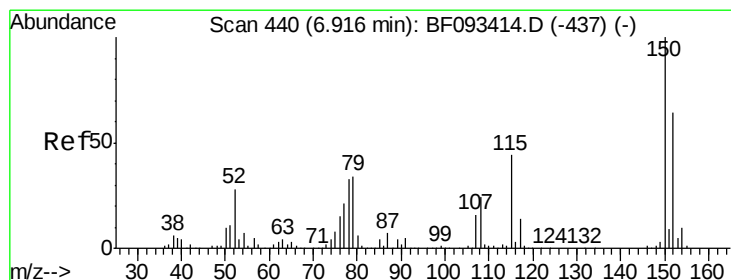
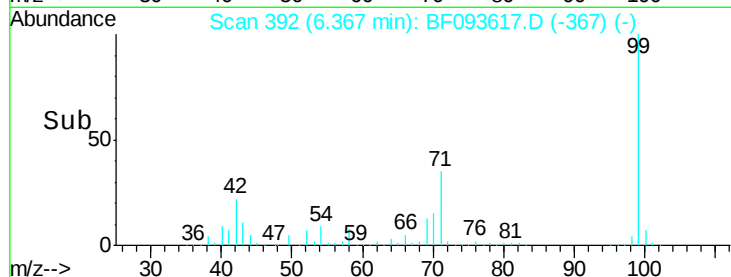
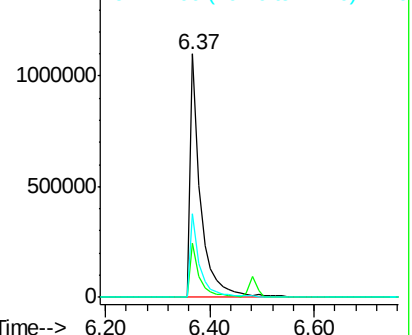
99 100

42 22.3 15.6 23.4

71 34.6 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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

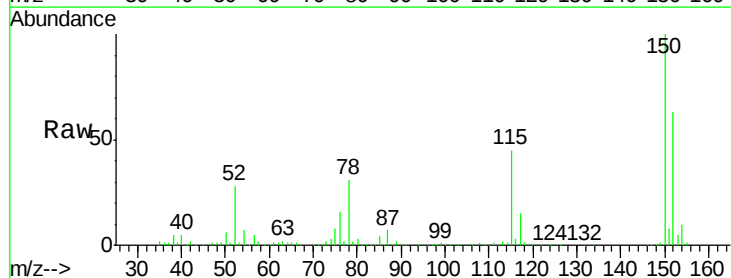
Tgt Ion: 79 Resp: 16277

Ion Ratio Lower Upper

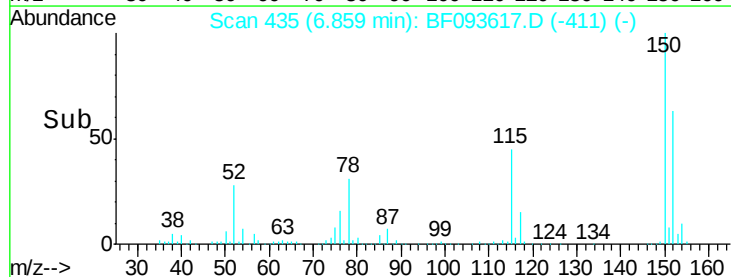
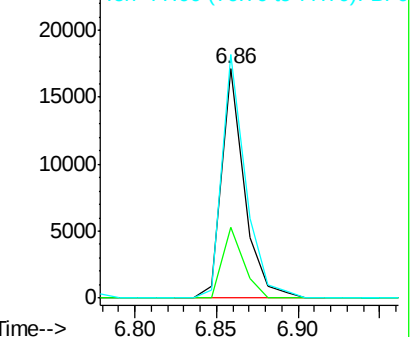
79 100

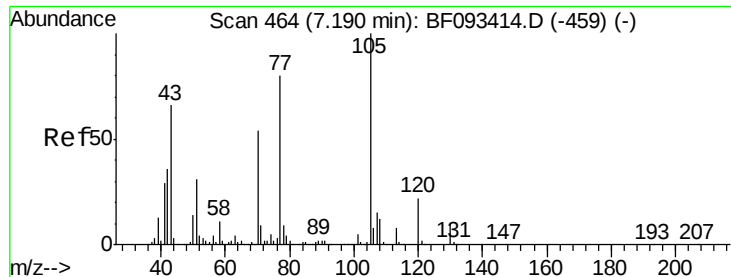
108 30.6 61.4 92.0#

77 106.2 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

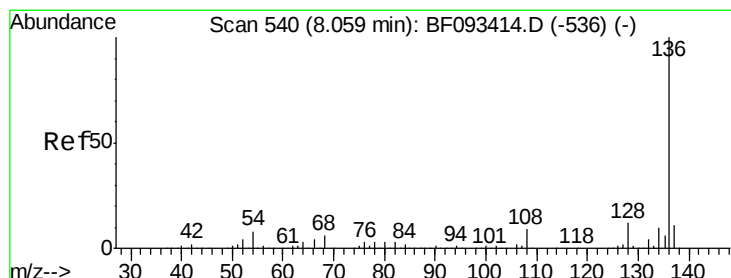
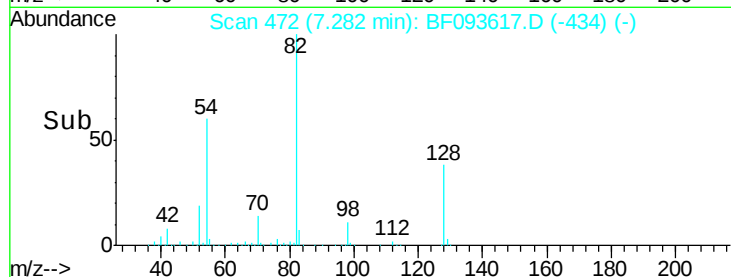
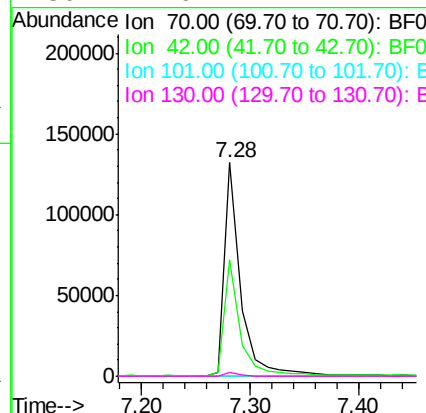
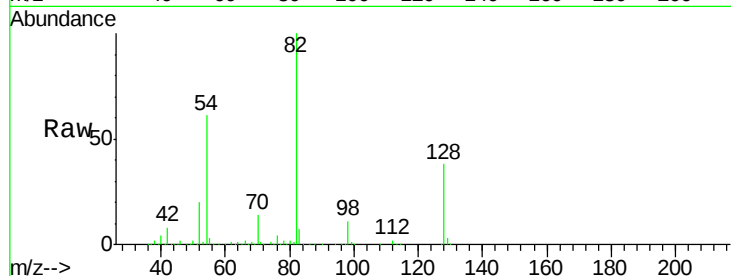




#19
n-Nitroso-di-n-propylamine
Concen: 18.32 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

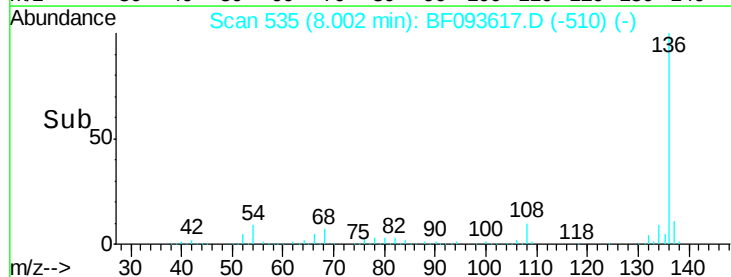
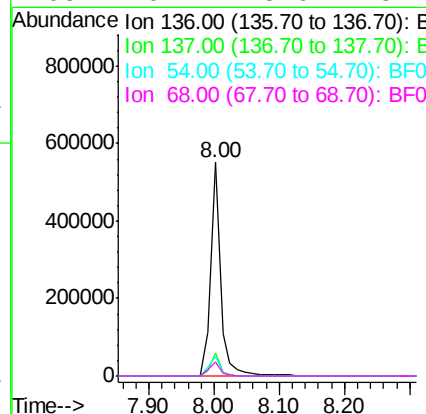
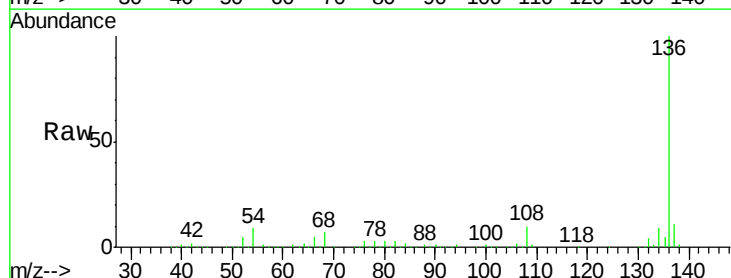
Instrument :
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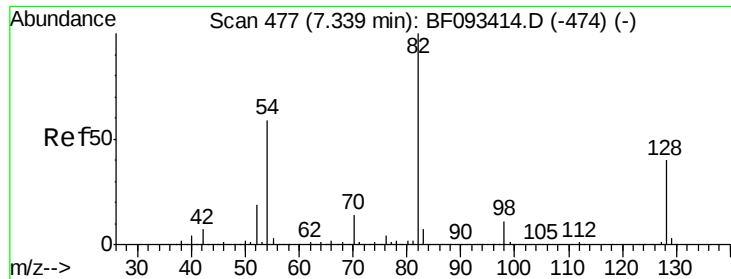
Tgt Ion: 70 Resp: 139202
Ion Ratio Lower Upper
70 100
42 54.4 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Tgt Ion: 136 Resp: 587765
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.9 4.5 6.7#
68 6.7 3.6 5.4#

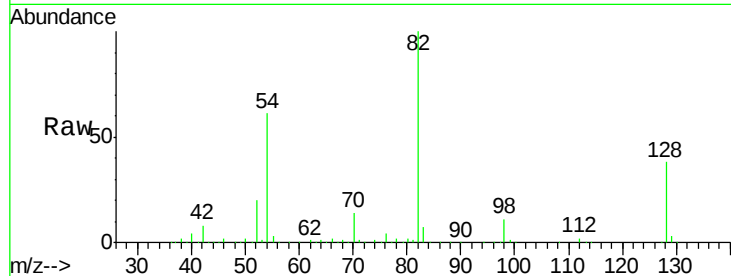




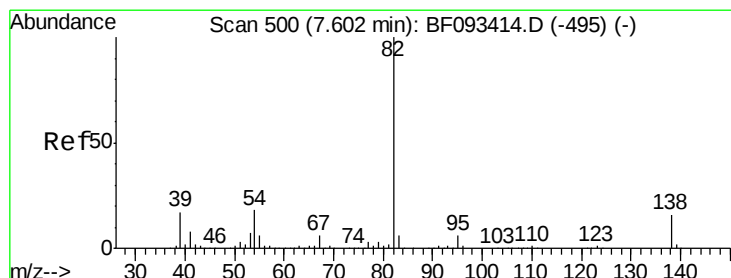
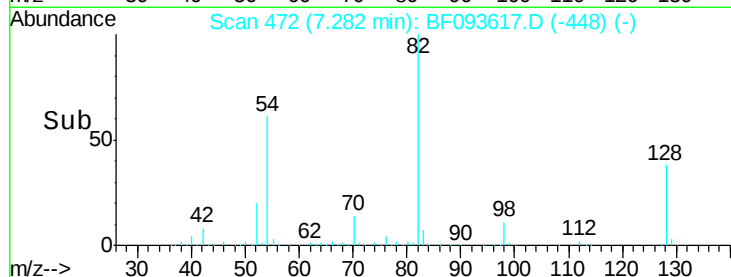
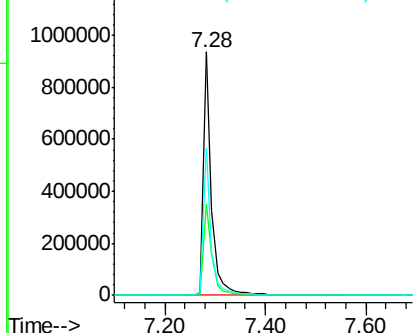
#23
 Nitrobenzene-d5
 Concen: 97.60 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Tgt Ion: 82 Resp: 1033881
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.6 52.0
 54 60.5 39.5 59.3#

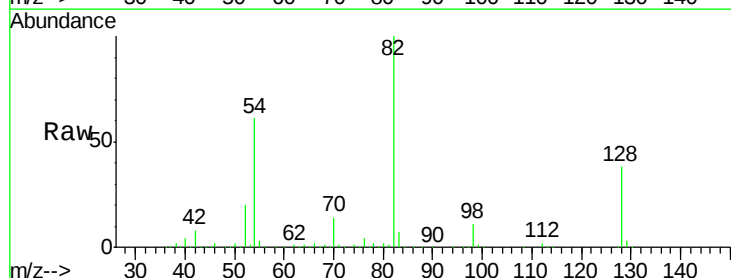


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

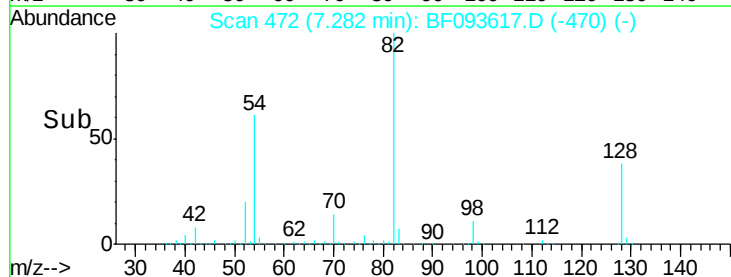
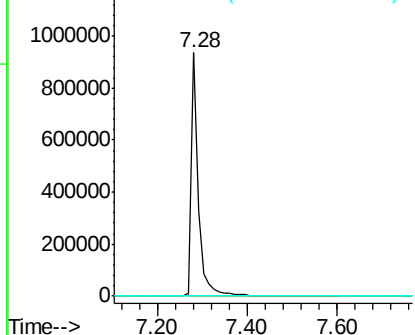


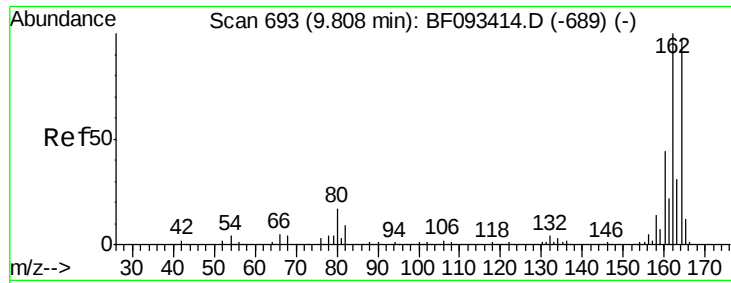
#25
 Isophorone
 Concen: 47.65 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Tgt Ion: 82 Resp: 1017853
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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

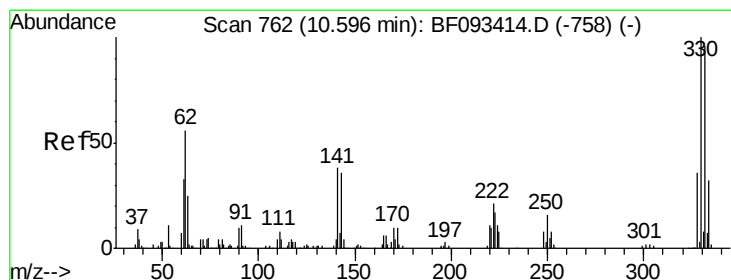
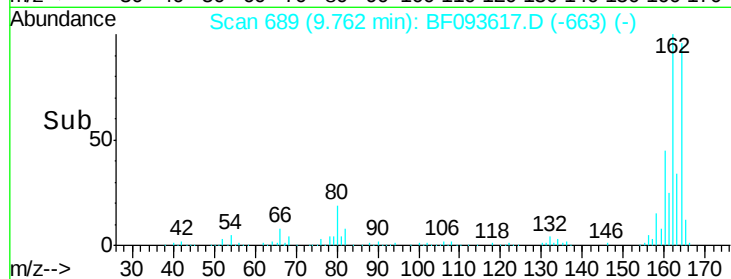
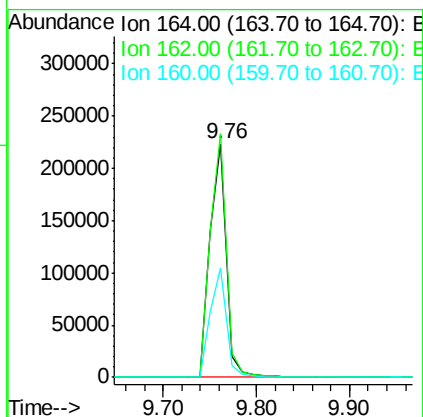
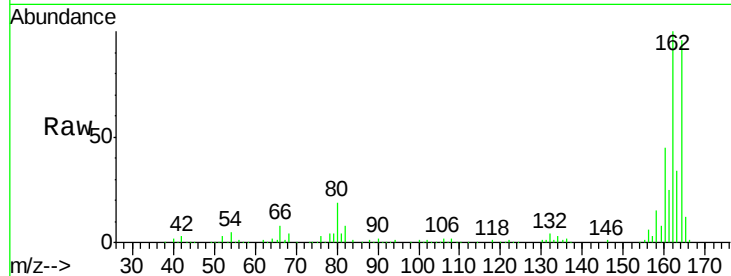




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

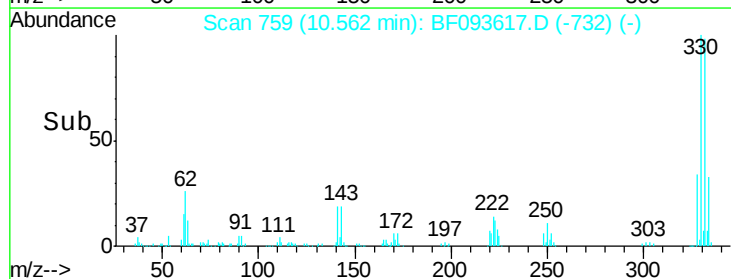
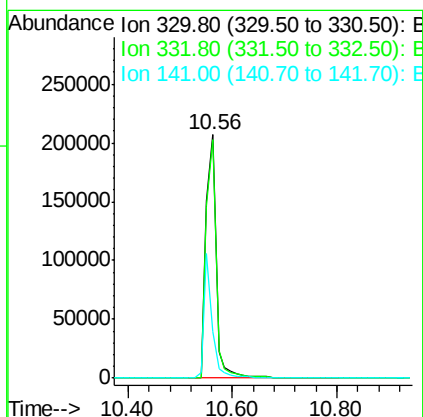
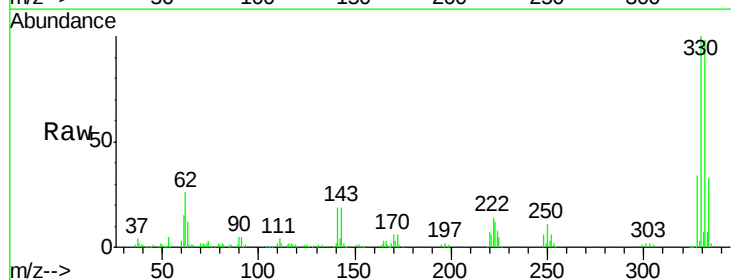
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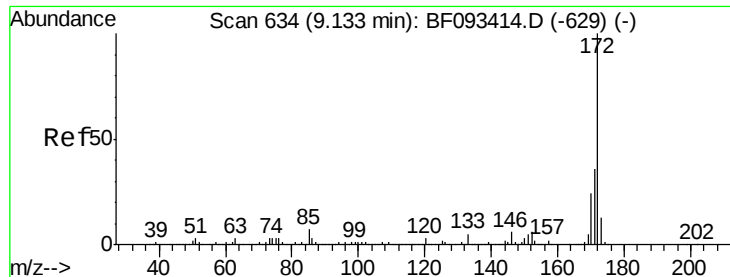
Tgt Ion:164 Resp: 271437
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.2 120.2
 160 46.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 159.70 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Tgt Ion:330 Resp: 282430
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 41.8 34.1 51.1

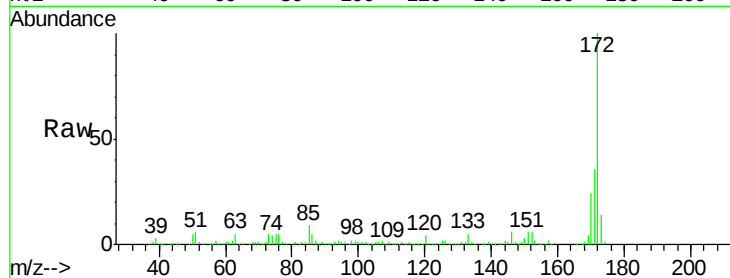




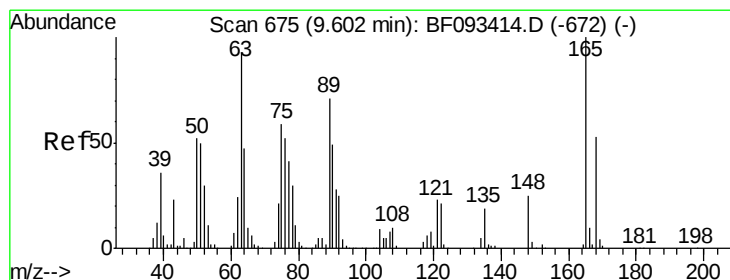
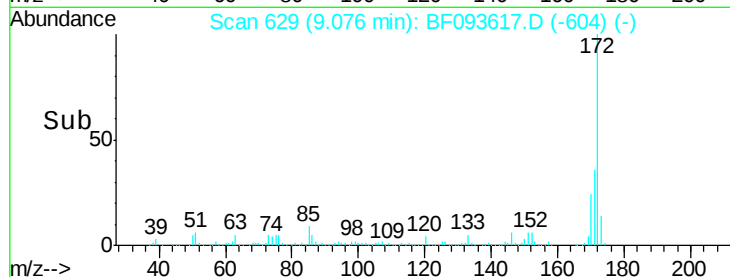
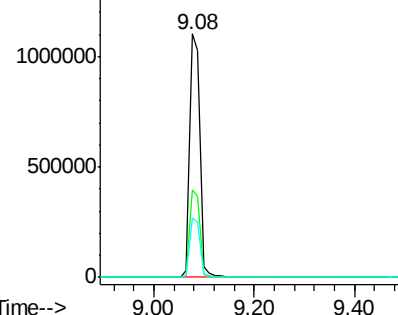
#44
 2-Fluorobiphenyl
 Concen: 106.81 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Tgt Ion:172 Resp: 1558674
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4

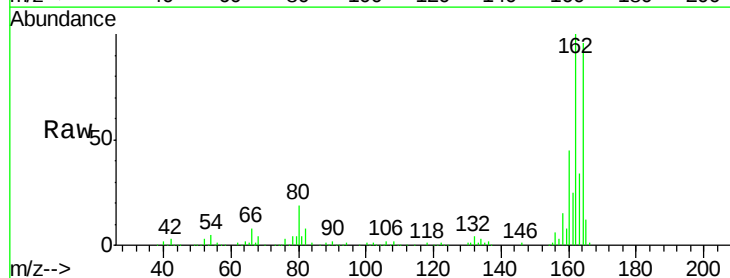


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

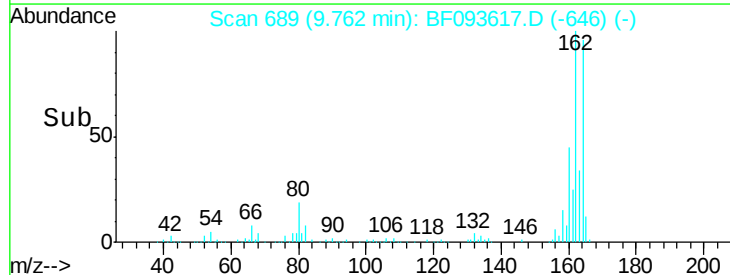
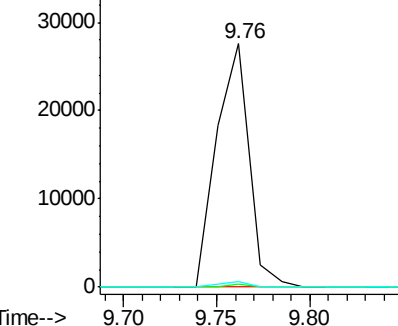


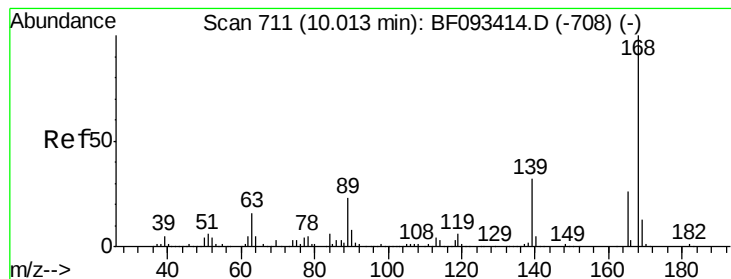
#50
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Tgt Ion:165 Resp: 33545
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 2.1 40.2 60.4#



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

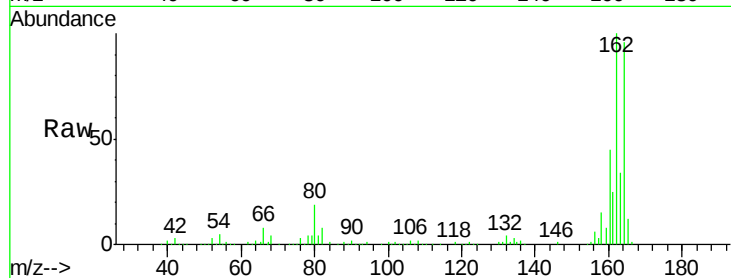




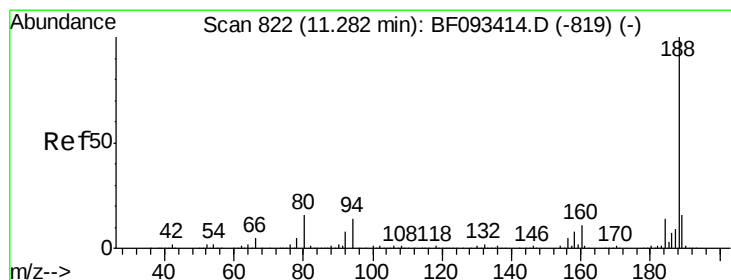
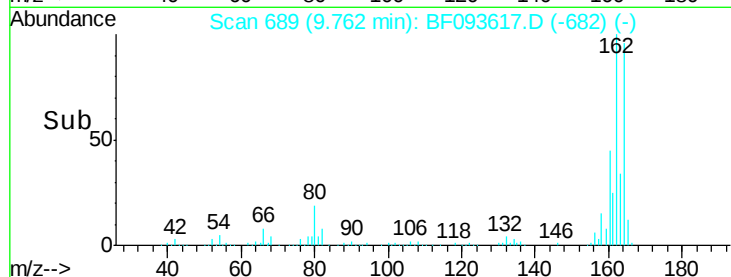
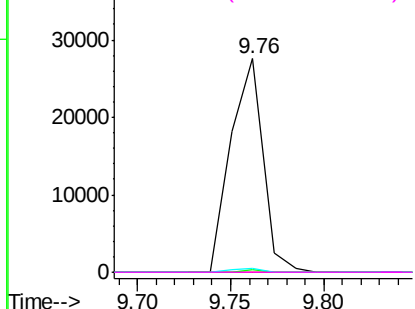
#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Tgt Ion:165 Resp: 33545
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 2.1 62.5 93.7#
 182 0.0 1.8 2.8#

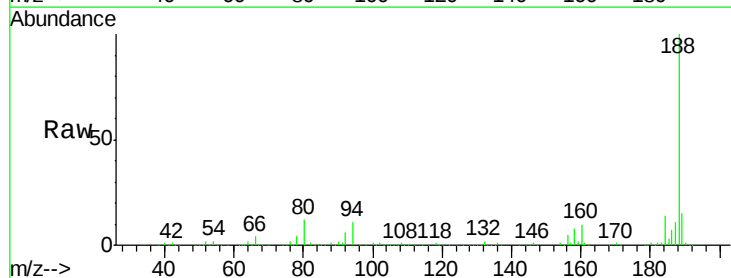


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

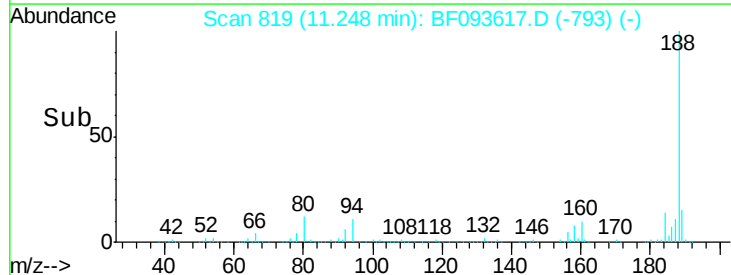
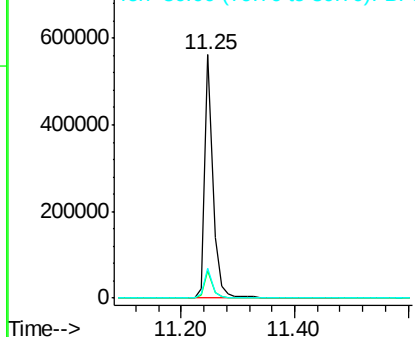


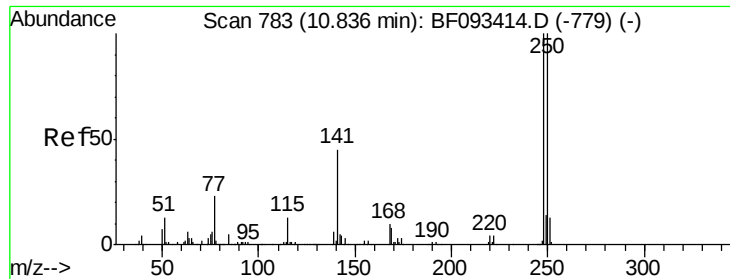
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Tgt Ion:188 Resp: 539224
 Ion Ratio Lower Upper
 188 100
 94 11.2 10.0 15.0
 80 12.3 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: 3.66 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

Instrument :

BNA_F

ClientSampled :

D-85

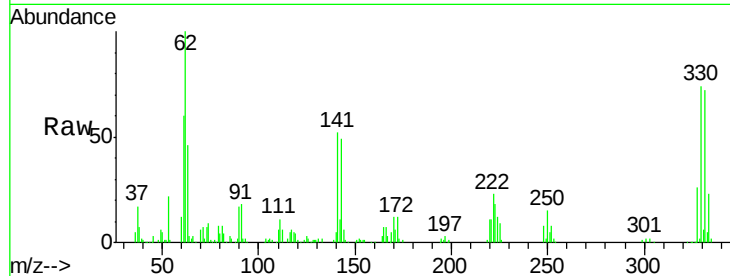
Tgt Ion:248 Resp: 20856

Ion Ratio Lower Upper

248 100

250 196.2 76.9 115.3#

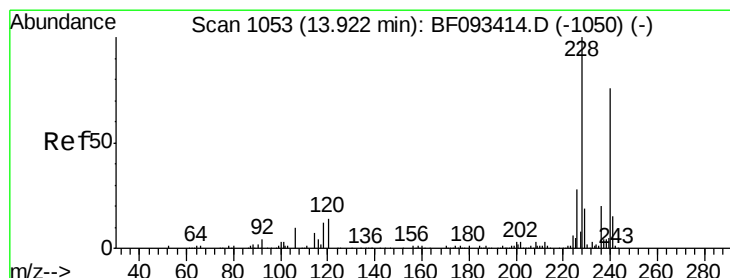
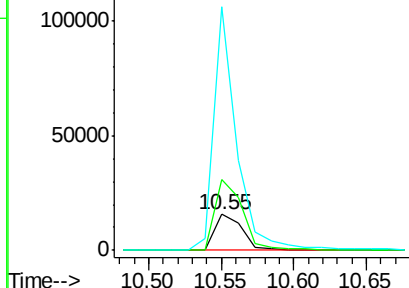
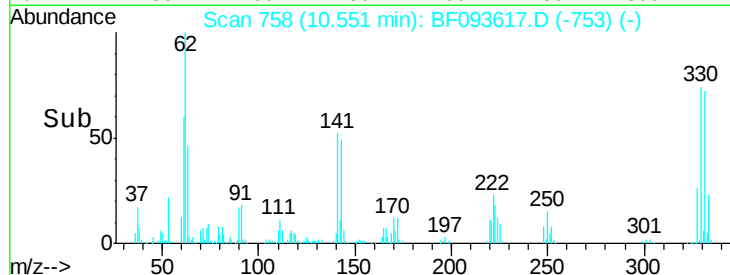
141 674.1 68.2 102.4#



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

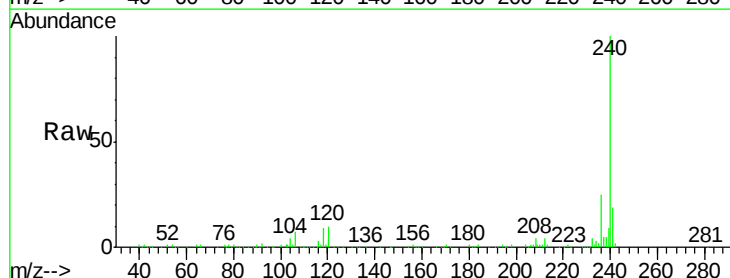
Tgt Ion:240 Resp: 366850

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

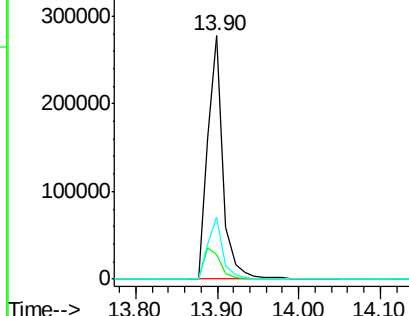
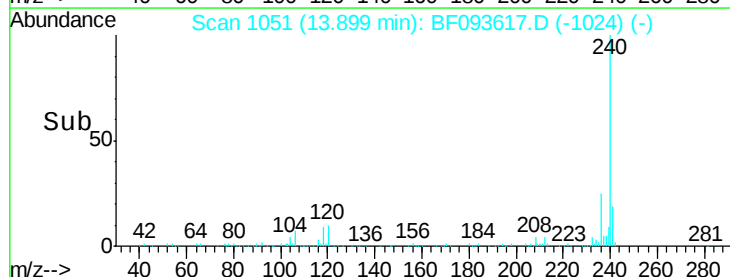
236 25.5 20.9 31.3

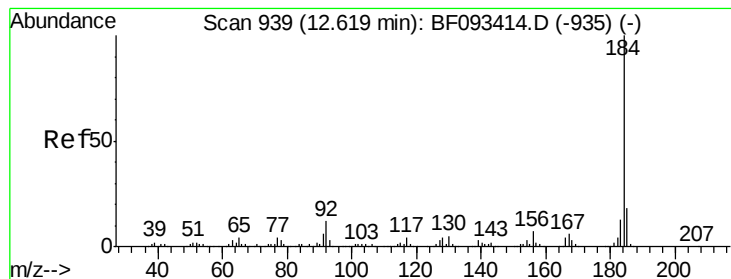


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.12 ng

RT: 12.62 min Scan# 939

Delta R.T. 0.03 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

D-85

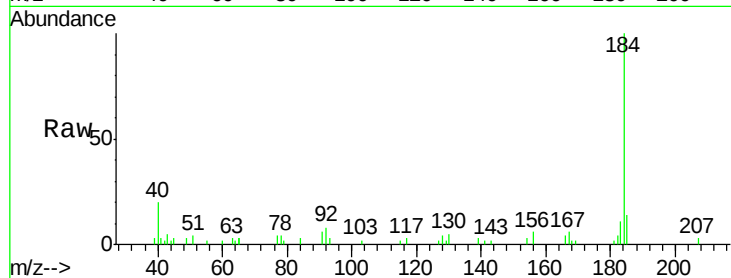
Tgt Ion:184 Resp: 37644

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

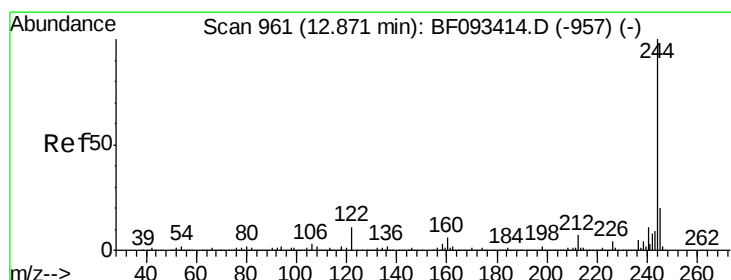
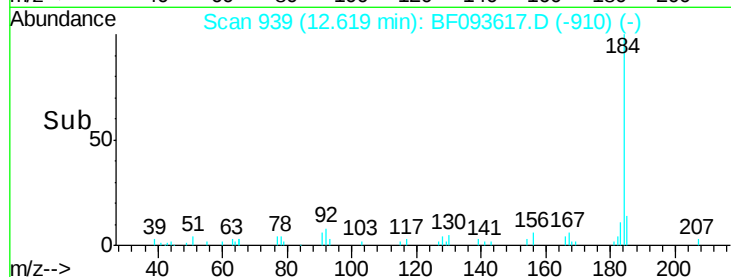
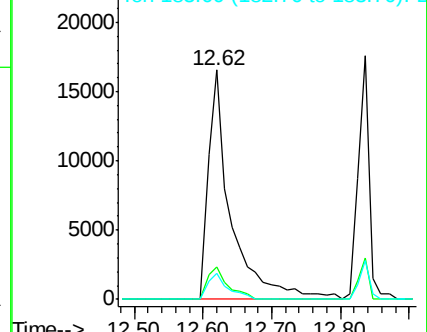
183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.94 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

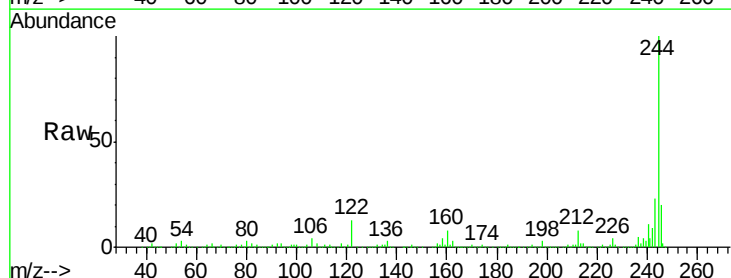
Tgt Ion:244 Resp: 1311336

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

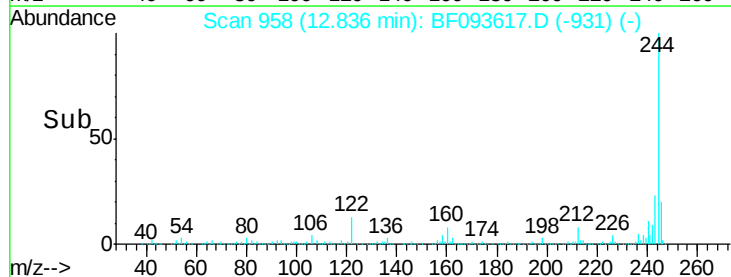
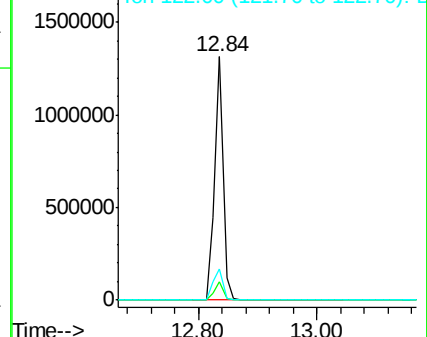
122 12.6 11.4 17.2

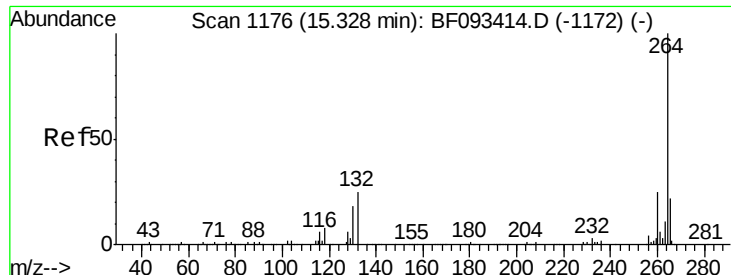


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

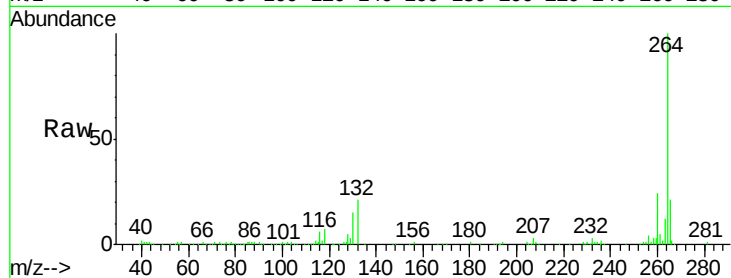




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
D-85

Tgt Ion: 264 Resp: 258224
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.4 17.4 26.0



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

