

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093441.D
 Acq On : 8 Mar 2017 21:07
 Operator : SJ/MA
 Sample : I2126-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Quant Time: Mar 09 00:05:57 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

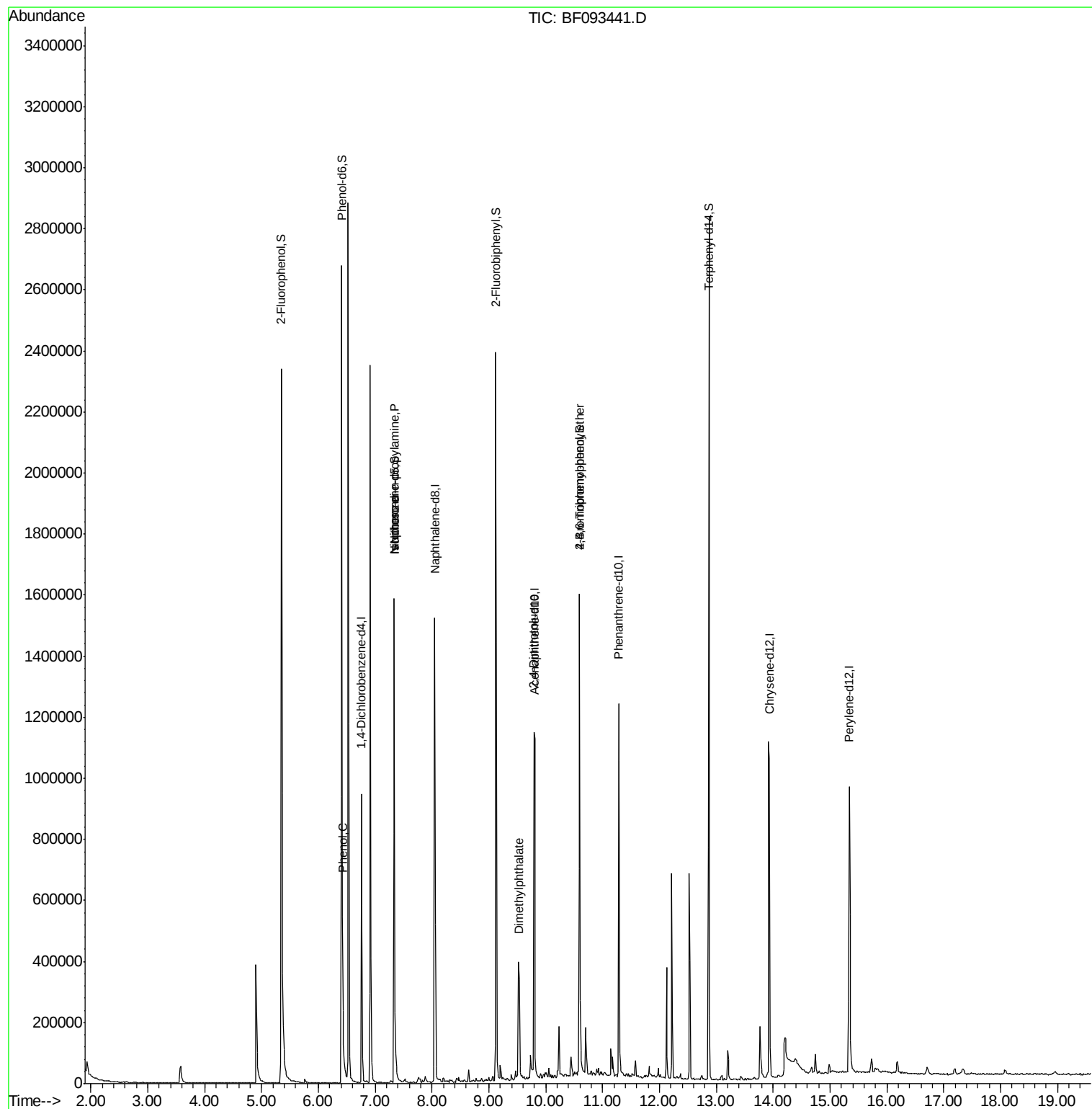
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183790	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	711375	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	334434	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	641255	20.00	ng	0.00
75) Chrysene-d12	13.93	240	580145	20.00	ng	0.01
86) Perylene-d12	15.34	264	437763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	822668	74.50	ng	0.00
7) Phenol-d6	6.41	99	1123319	80.67	ng	0.00
23) Nitrobenzene-d5	7.34	82	673191	52.51	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	193968	89.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	945804	52.60	ng	-0.01
78) Terphenyl-d14	12.87	244	833617	37.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	3597	Below Cal	#	1
10) Phenol	6.42	94	36369	2.13	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	88188	9.21	ng	# 78
25) Isophorone	7.34	82	673477	26.05	ng	# 65
49) Dimethylphthalate	9.53	163	218472	9.85	ng	99
56) 2,4-Dinitrotoluene	9.80	165	43257	7.24	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	14794	2.18	ng	# 1

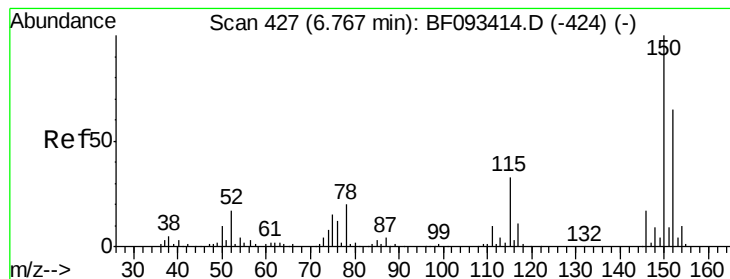
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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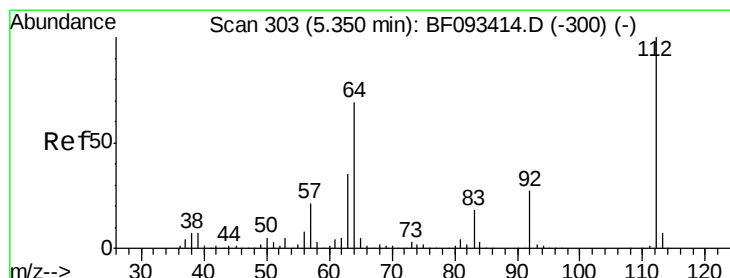
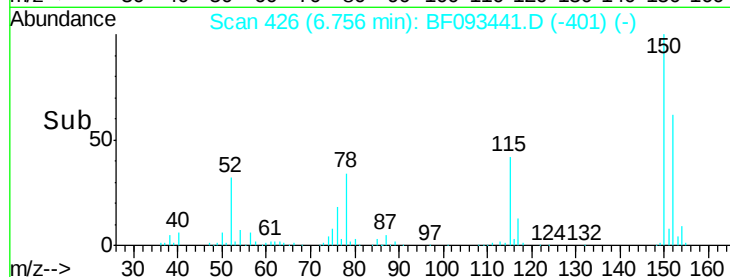
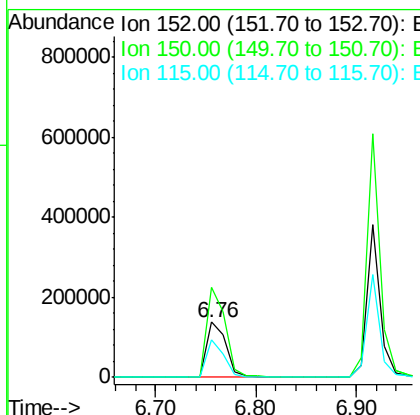
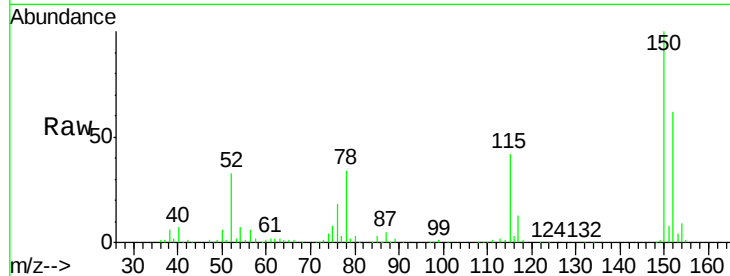




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

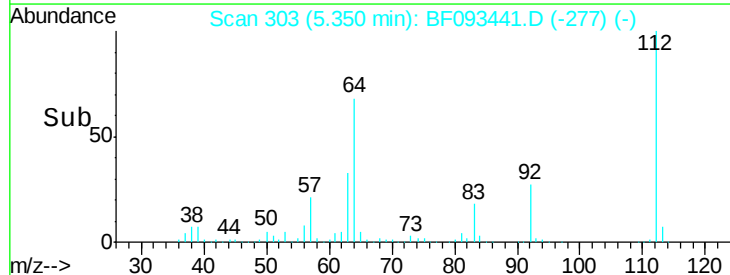
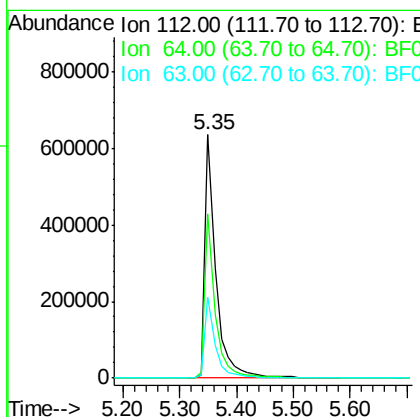
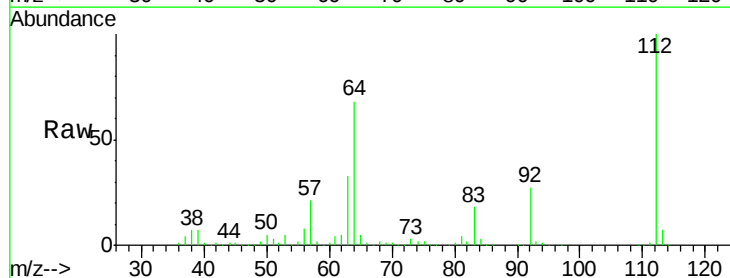
Instrument :
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 ClientSampleId :
 E2-AAZ-6-7-WSW

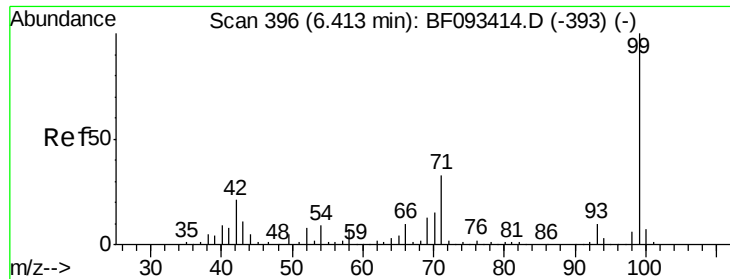
Tgt Ion:152 Resp: 183790
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.9 187.3
 115 68.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 74.50 ng
 RT: 5.35 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion:112 Resp: 822668
 Ion Ratio Lower Upper
 112 100
 64 67.5 46.1 69.1
 63 33.3 23.8 35.6





#7

Phenol-d6

Concen: 80.67 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

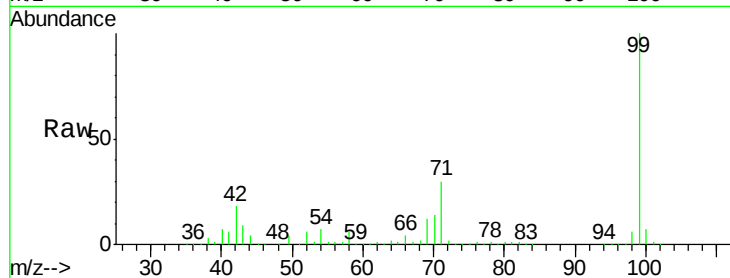
Tgt Ion: 99 Resp: 1123319

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

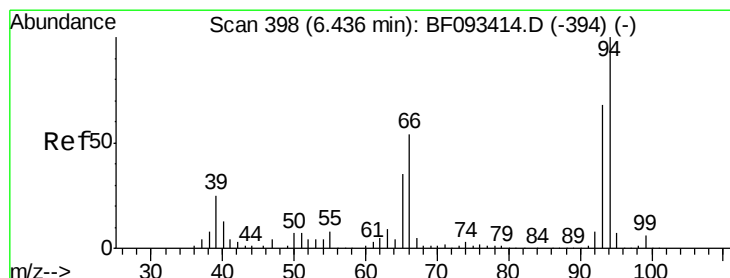
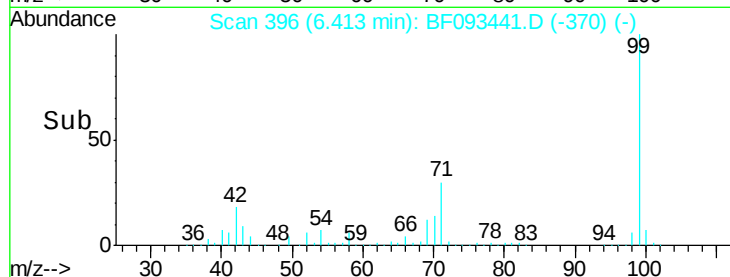
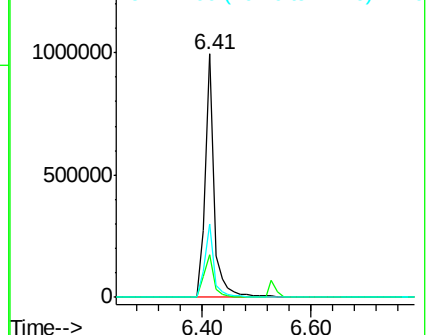
71 30.3 27.5 41.3



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: 2.13 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

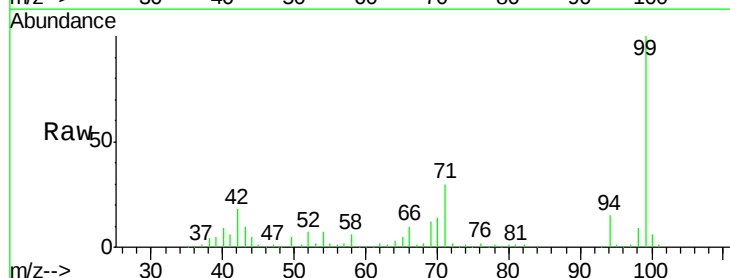
Tgt Ion: 94 Resp: 36369

Ion Ratio Lower Upper

94 100

65 35.3 21.4 61.4

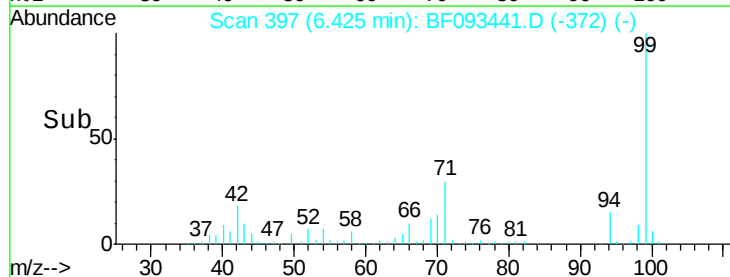
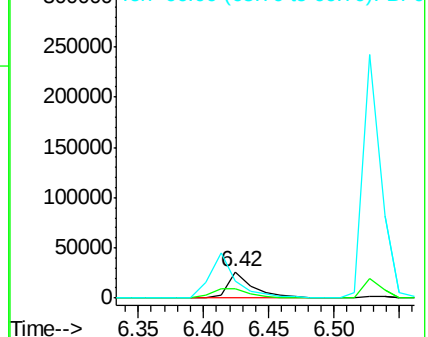
66 64.1 44.0 84.0

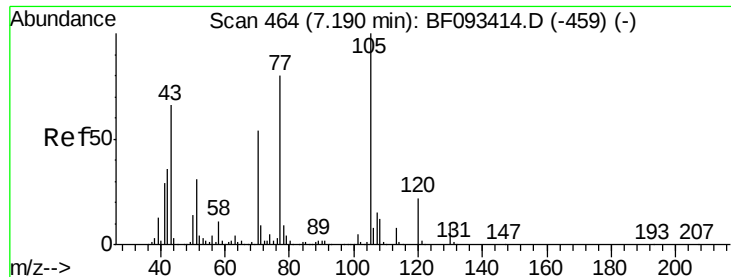


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

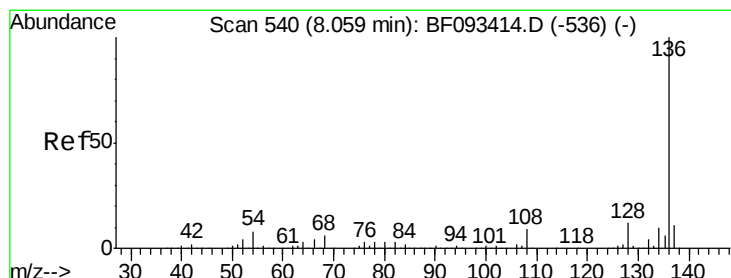
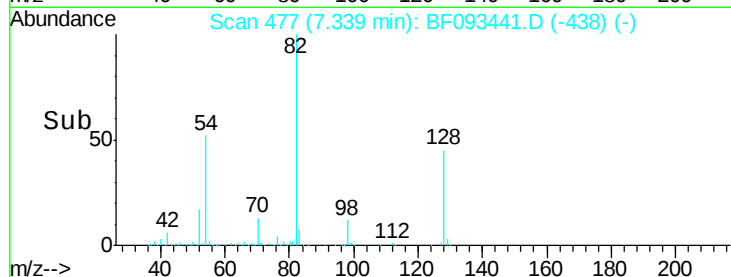
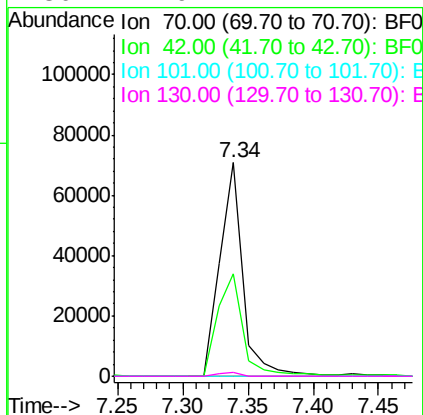
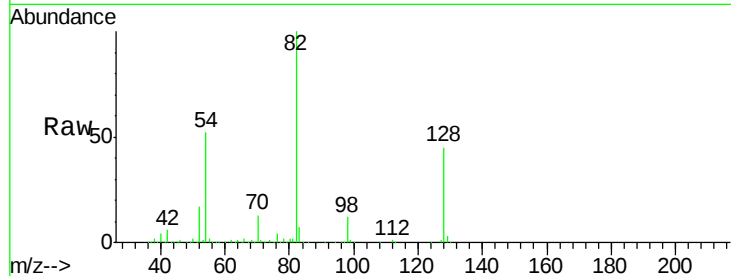




#19
n-Nitroso-di-n-propylamine
Concen: 9.21 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

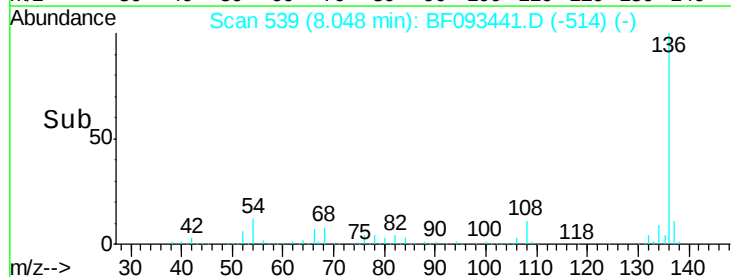
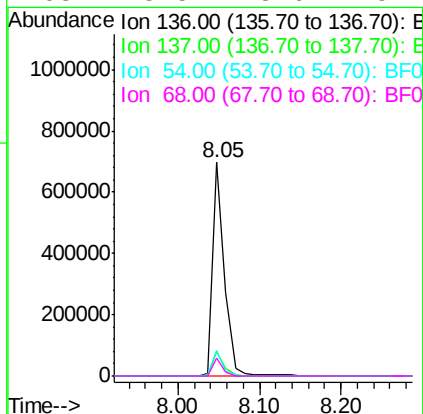
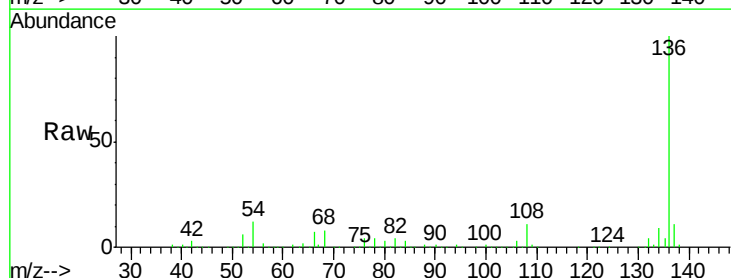
Instrument :
BNA_F
ClientSampleId :
E2-AAZ-6-7-WSW

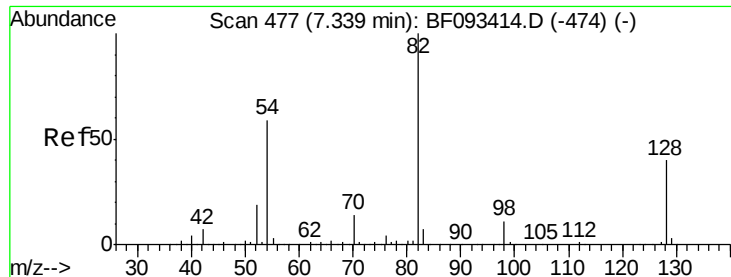
Tgt Ion: 70 Resp: 88188
Ion Ratio Lower Upper
70 100
42 47.8 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Tgt Ion: 136 Resp: 711375
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 12.2 4.5 6.7#
68 8.5 3.6 5.4#

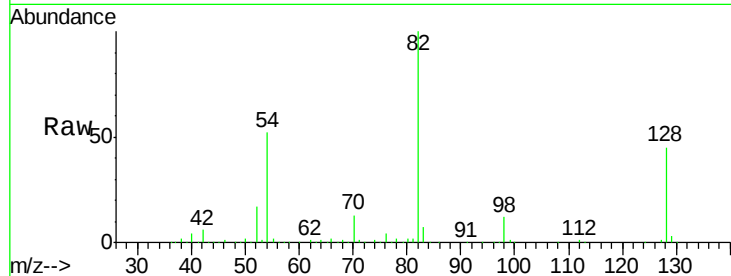




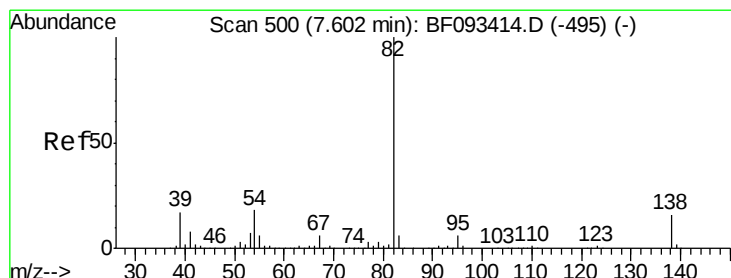
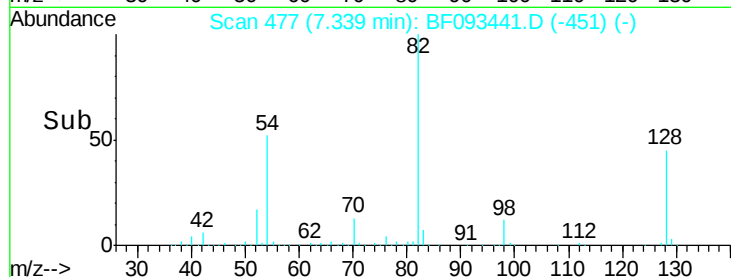
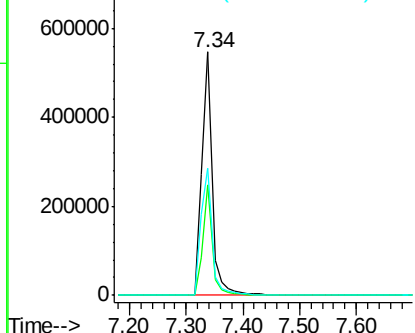
#23
 Nitrobenzene-d5
 Concen: 52.51 ng
 RT: 7.34 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Tgt Ion: 82 Resp: 673191
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 52.0
 54 52.1 39.5 59.3

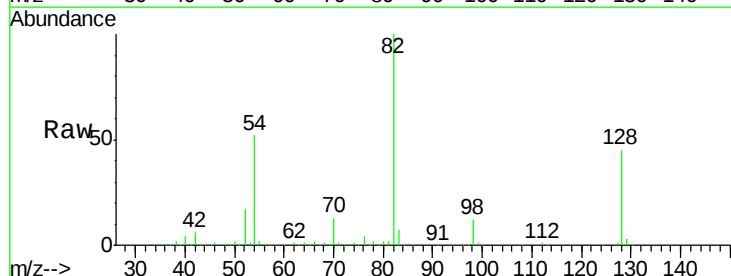


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

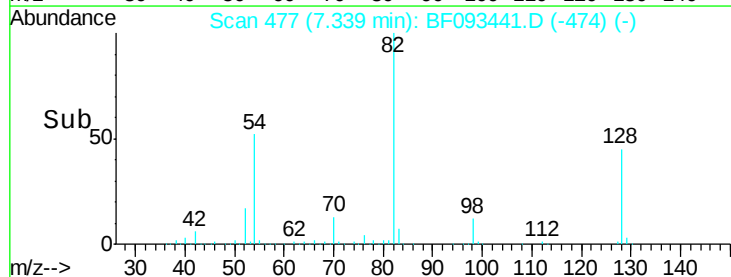
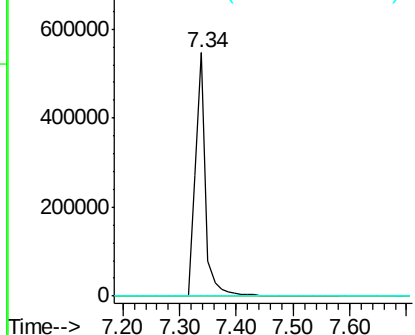


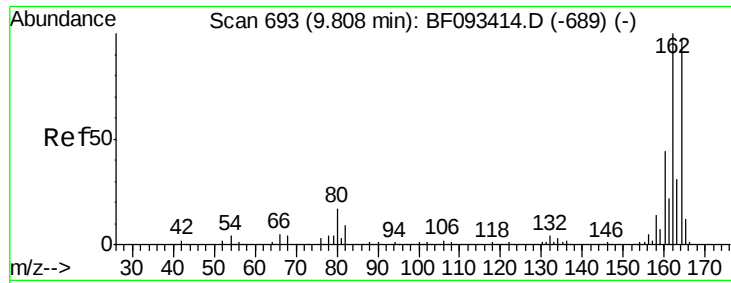
#25
 Isophorone
 Concen: 26.05 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion: 82 Resp: 673477
 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

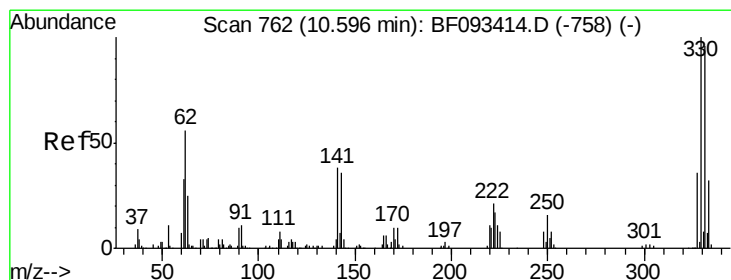
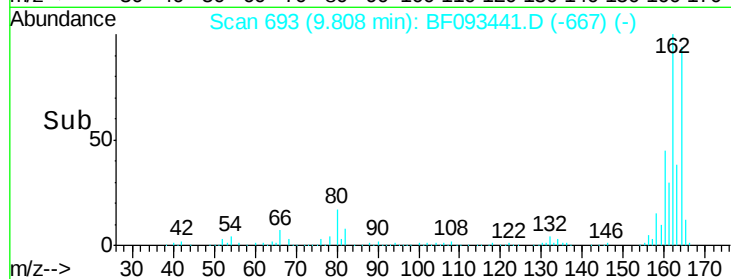
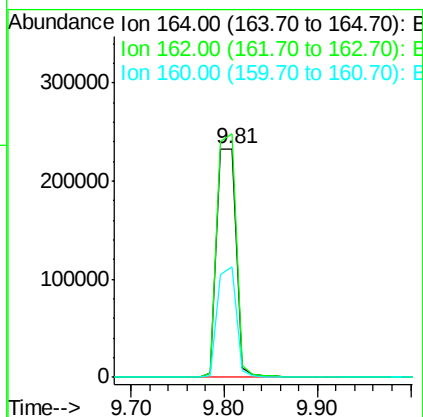
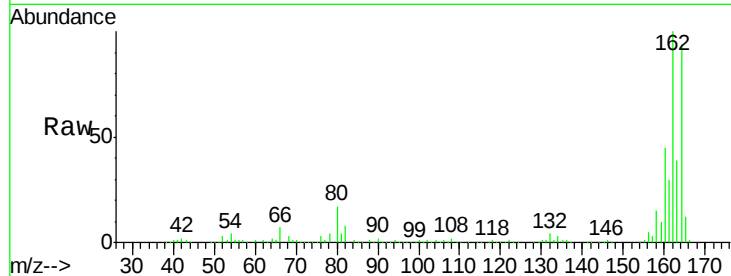




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

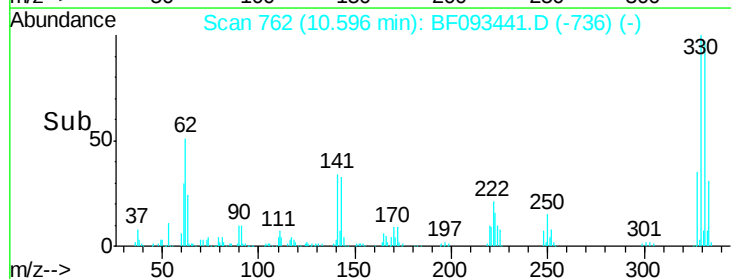
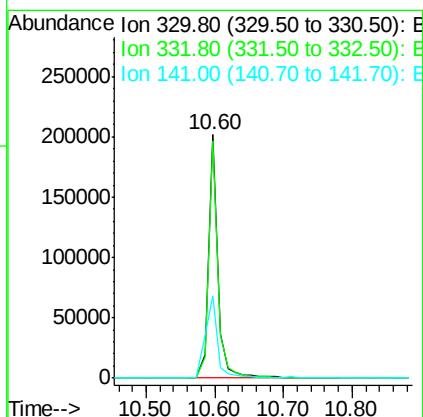
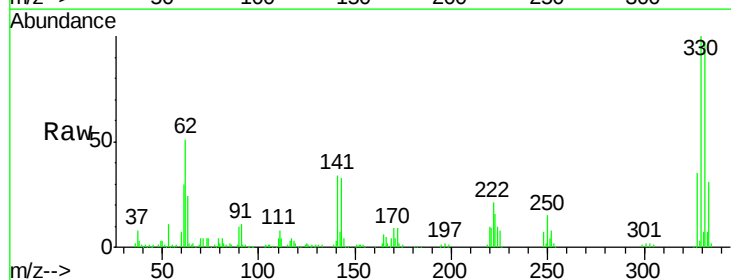
Instrument :
 BNA_F
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 E2-AAZ-6-7-WSW

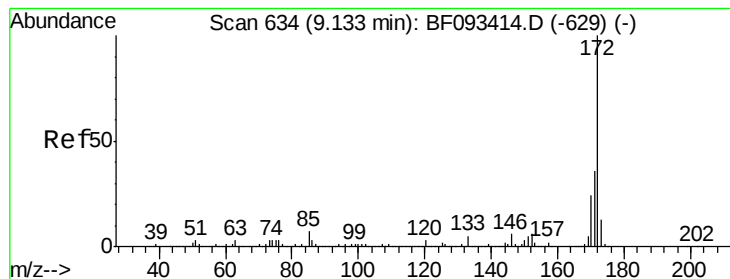
Tgt Ion:164 Resp: 334434
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.2 120.2
 160 48.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 89.02 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion:330 Resp: 193968
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 43.6 34.1 51.1

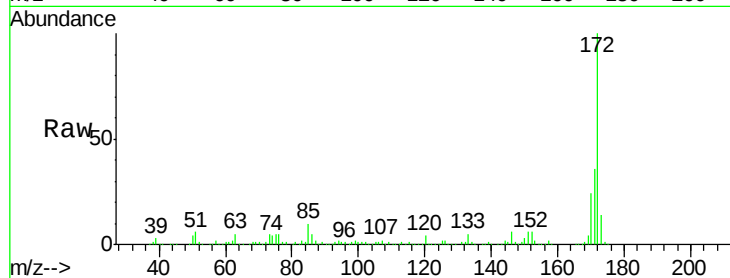




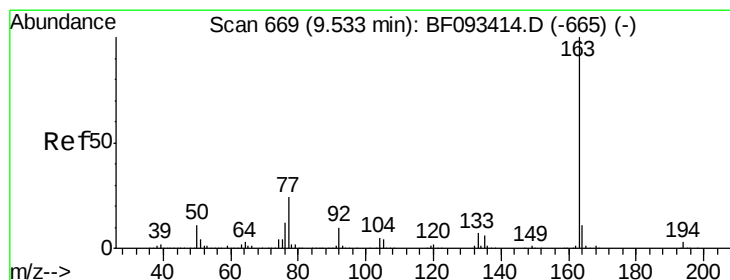
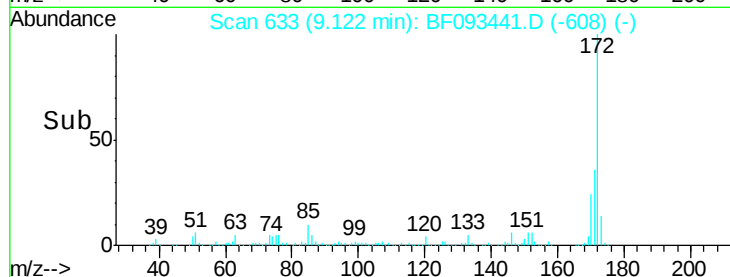
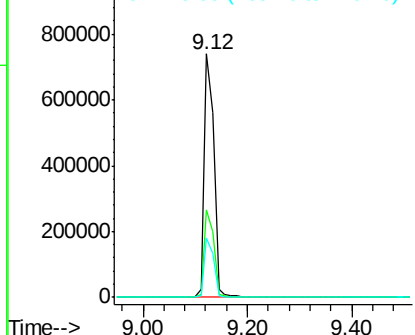
#44
 2-Fluorobiphenyl
 Concen: 52.60 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Tgt Ion:172 Resp: 945804
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.4 20.2 30.4

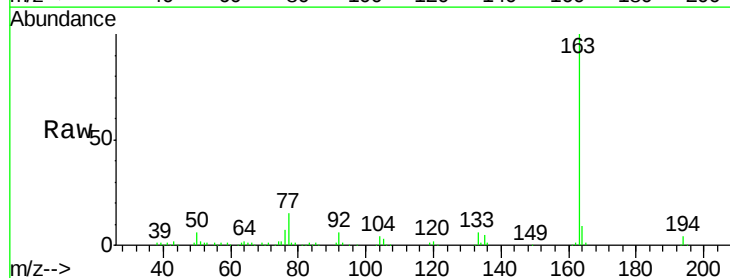


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

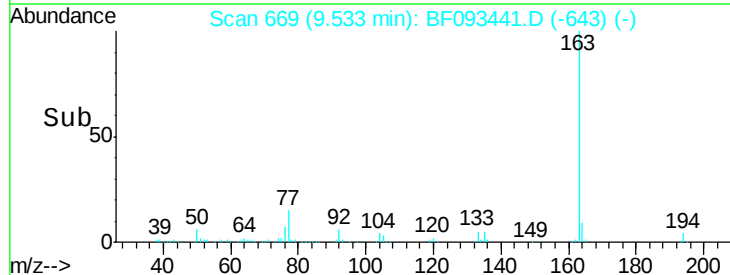
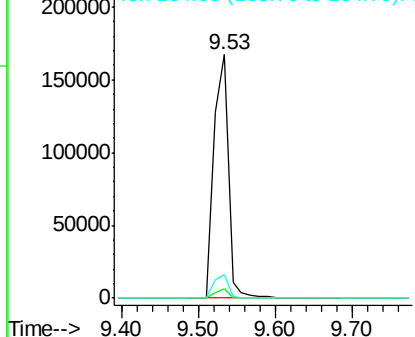


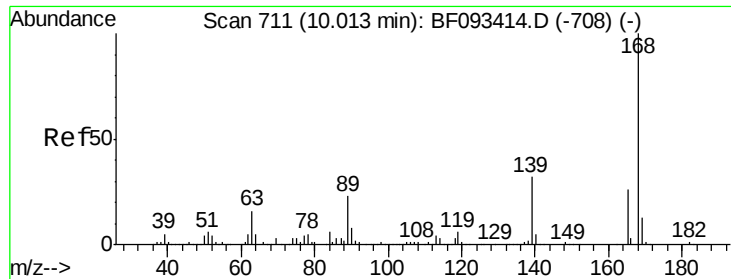
#49
 Dimethylphthalate
 Concen: 9.85 ng
 RT: 9.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion:163 Resp: 218472
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.0 4.4
 164 9.4 8.0 12.0



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: 7.24 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.22 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

Tgt Ion:165 Resp: 43257

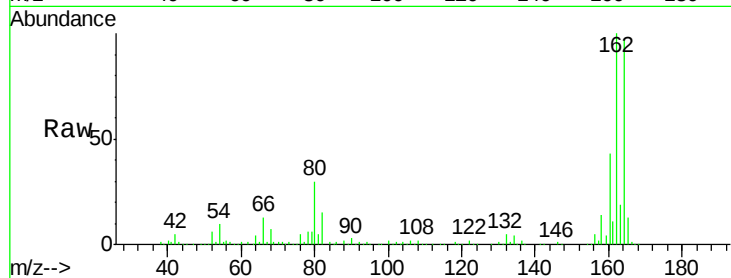
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 2.0 62.5 93.7#

182 0.0 1.8 2.8#

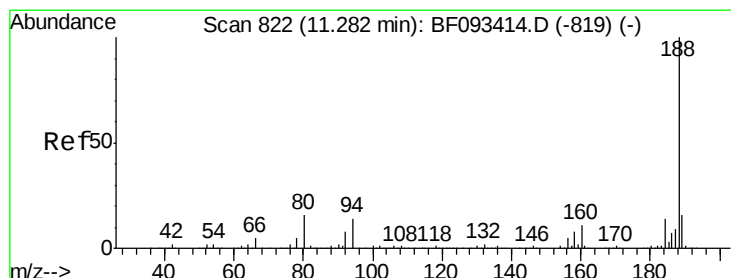
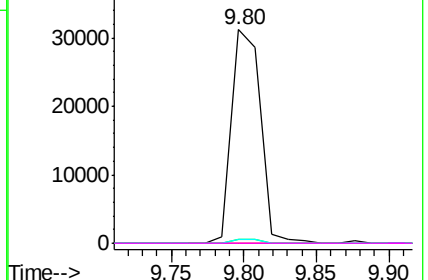
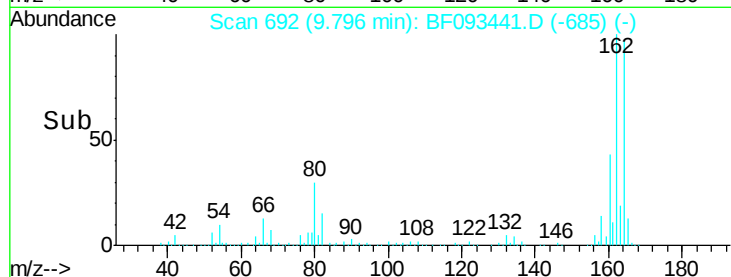


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

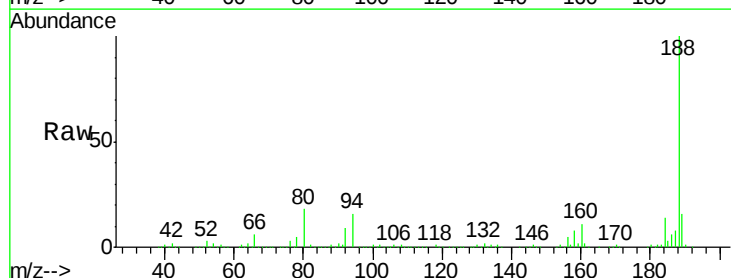
Tgt Ion:188 Resp: 641255

Ion Ratio Lower Upper

188 100

94 15.8 10.0 15.0#

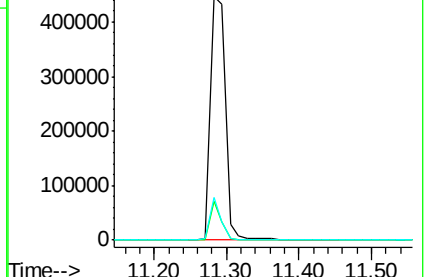
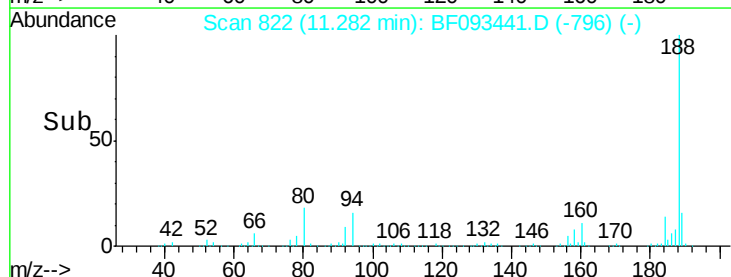
80 17.8 11.2 16.8#

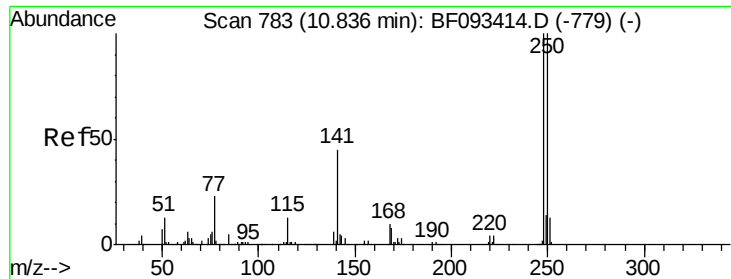


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

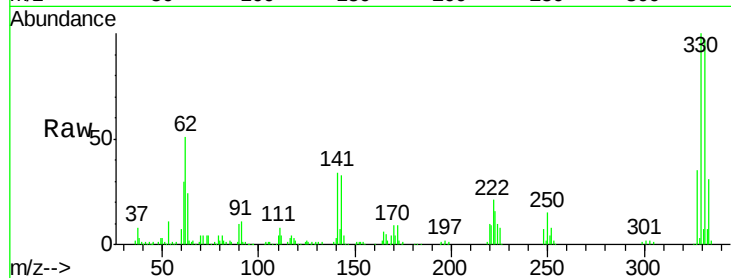




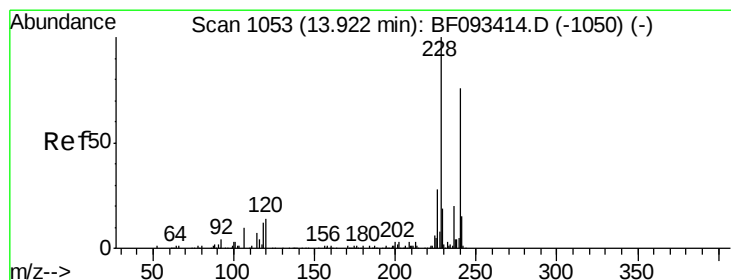
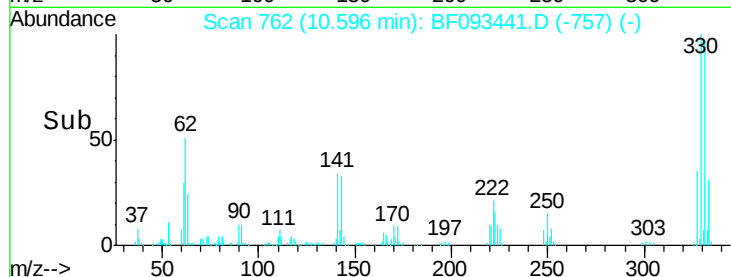
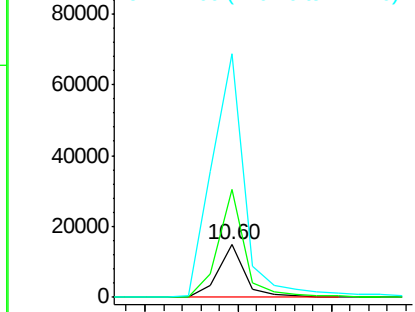
#66
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AAZ-6-7-WSW

Tgt Ion:248 Resp: 14794
Ion Ratio Lower Upper
248 100
250 204.1 76.9 115.3#
141 462.1 68.2 102.4#

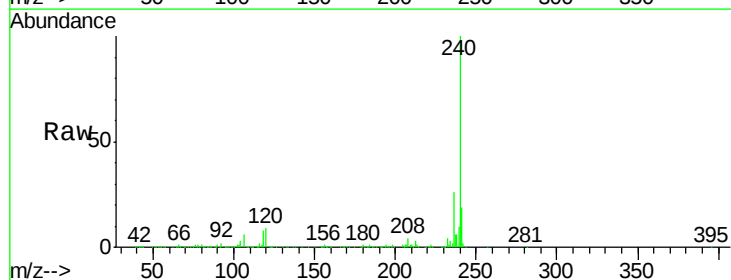


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

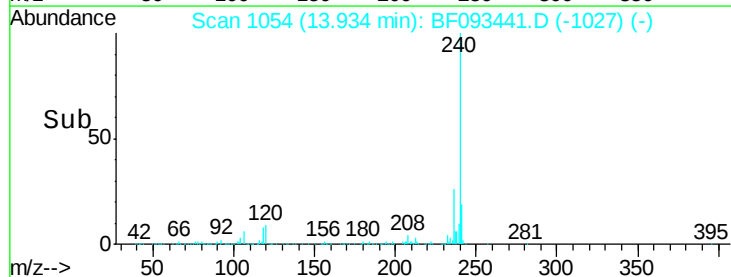
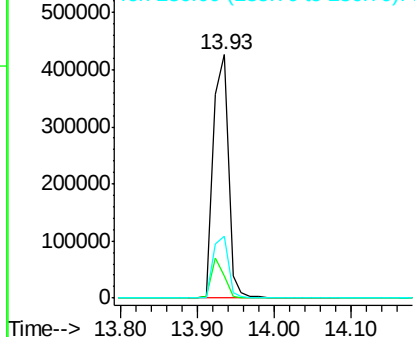


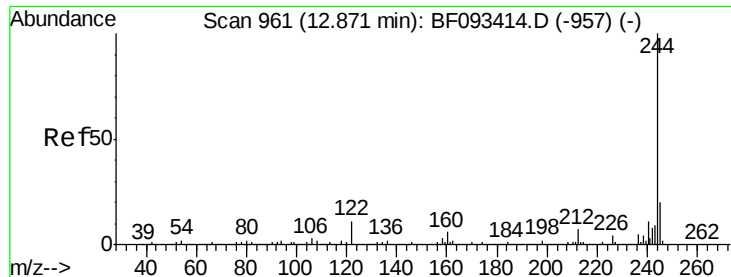
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Tgt Ion:240 Resp: 580145
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 25.6 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

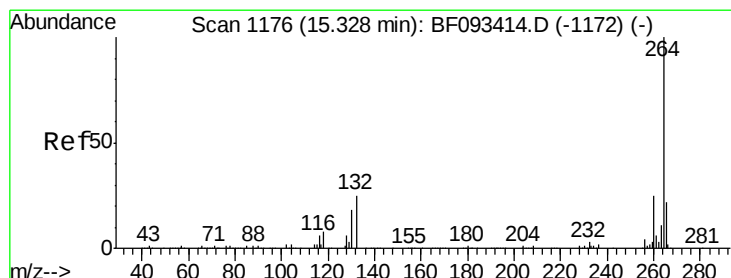
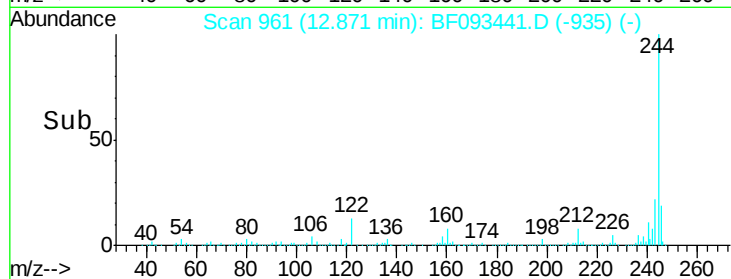
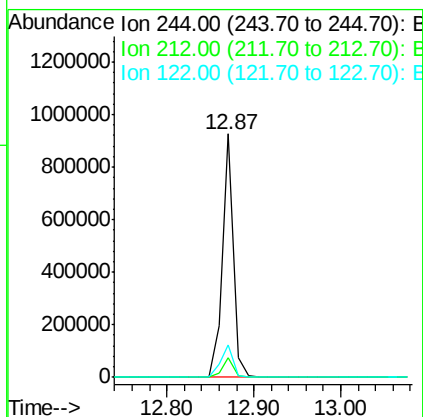
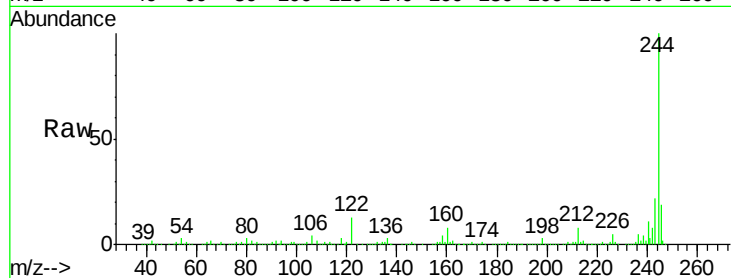




#78
 Terphenyl-d14
 Concen: 37.36 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Tgt Ion:244 Resp: 833617
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion:264 Resp: 437763
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.1 17.4 26.0

