

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093424.D
 Acq On : 7 Mar 2017 17:43
 Operator : SJ/MA
 Sample : I2123-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-D-M

Quant Time: Mar 08 00:31:18 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

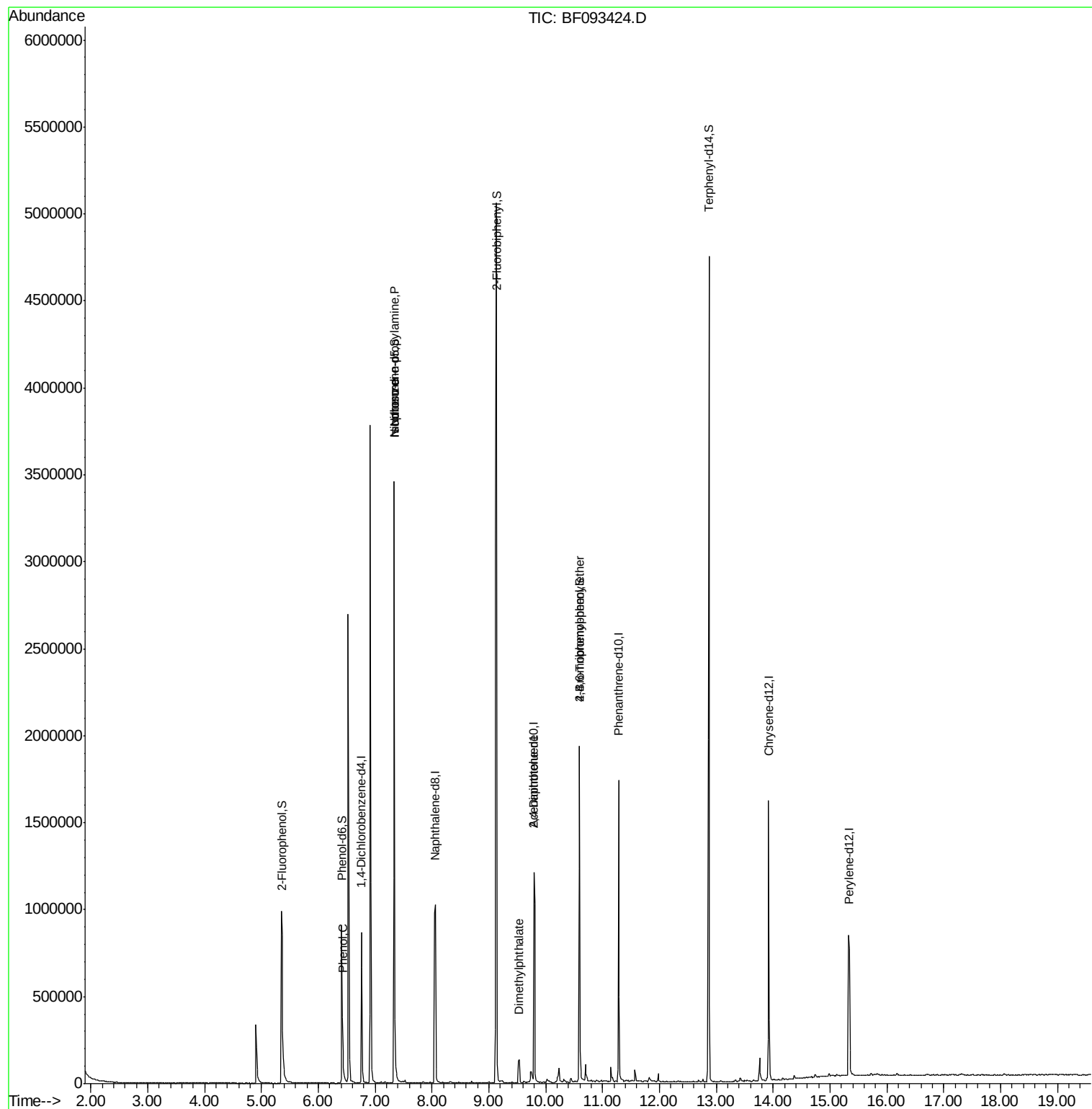
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	181028	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	708518	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	331125	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	621563	20.00	ng	0.00
75) Chrysene-d12	13.92	240	561297	20.00	ng	0.00
86) Perylene-d12	15.34	264	437562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	474701	43.64	ng	0.01
7) Phenol-d6	6.41	99	377167	27.50	ng	0.00
23) Nitrobenzene-d5	7.34	82	1221563	95.66	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	252572	117.08	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1970137	110.67	ng	0.00
78) Terphenyl-d14	12.87	244	1567291	72.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	936	Below Cal		Qvalue
10) Phenol	6.42	94	47168	2.81 ng	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	163507	17.34 ng	#	91
25) Isophorone	7.34	82	940986	36.54 ng	#	81
49) Dimethylphthalate	9.53	163	83854	3.82 ng	#	65
56) 2,4-Dinitrotoluene	9.80	165	41002	6.93 ng	#	98
66) 4-Bromophenyl-phenylether	10.60	248	19797	3.01 ng	#	20
					#	1

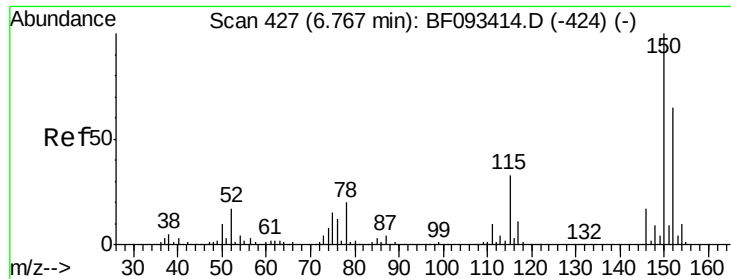
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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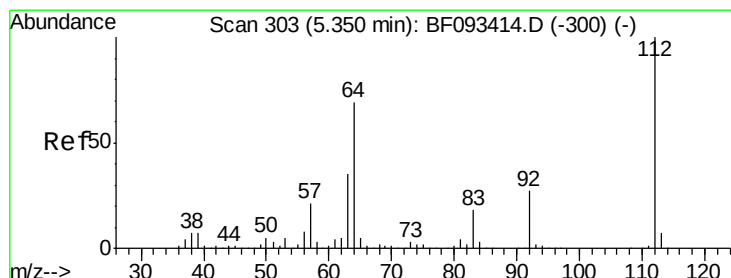
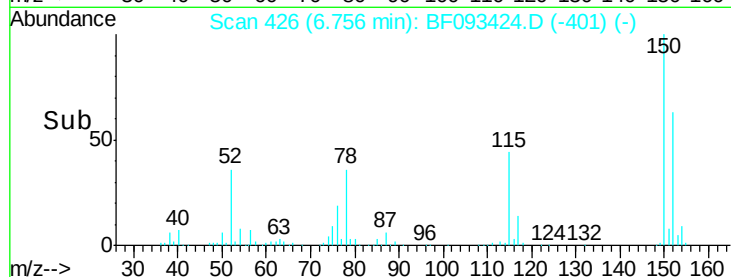
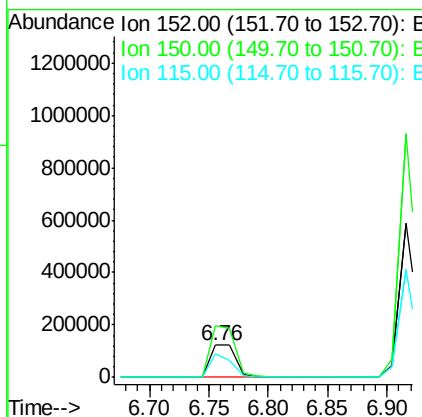
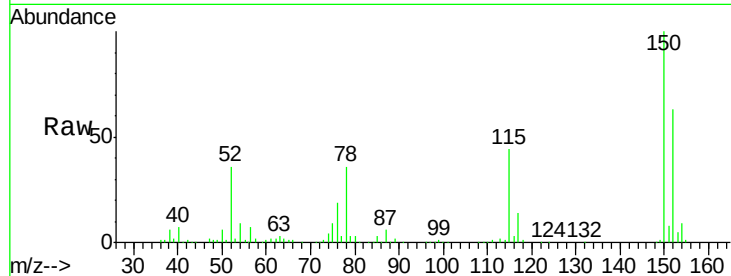




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

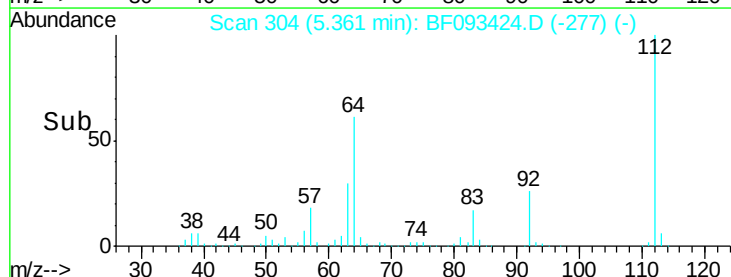
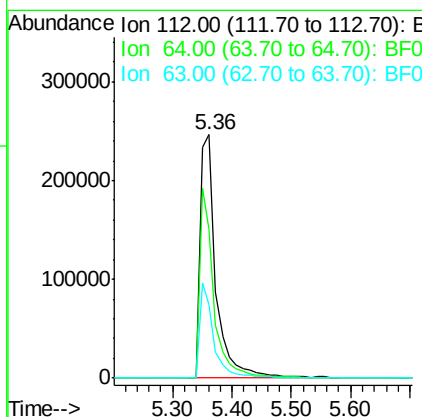
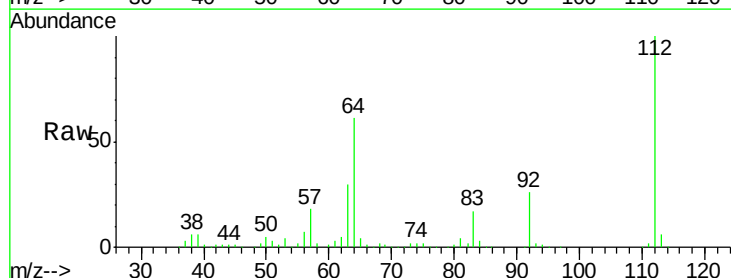
Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-D-M

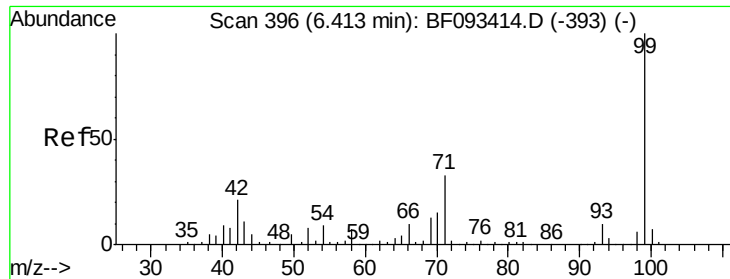
Tgt Ion:152 Resp: 181028
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.9 187.3
 115 70.8 46.0 69.0#



#5
 2-Fluorophenol
 Concen: 43.64 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Tgt Ion:112 Resp: 474701
 Ion Ratio Lower Upper
 112 100
 64 61.3 46.1 69.1
 63 29.9 23.8 35.6





#7

Phenol-d6

Concen: 27.50 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093424.D

Acq: 7 Mar 2017 17:43

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-D-M

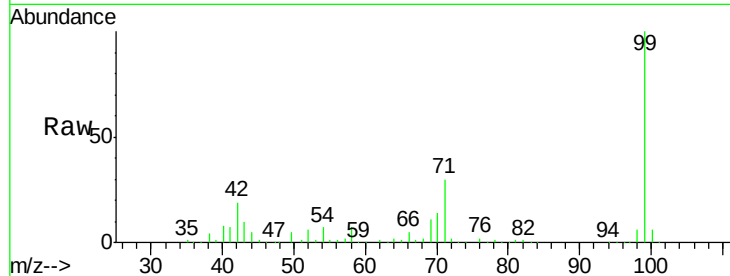
Tgt Ion: 99 Resp: 377167

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

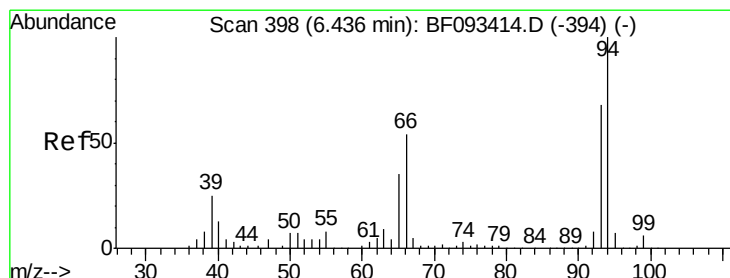
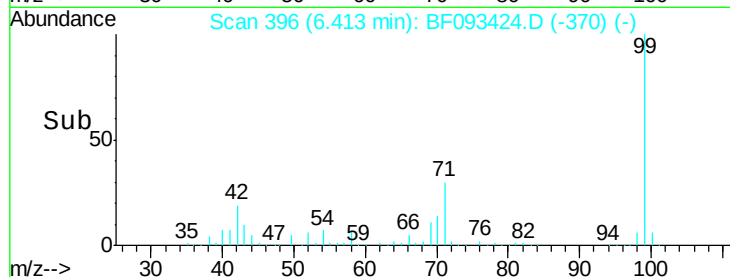
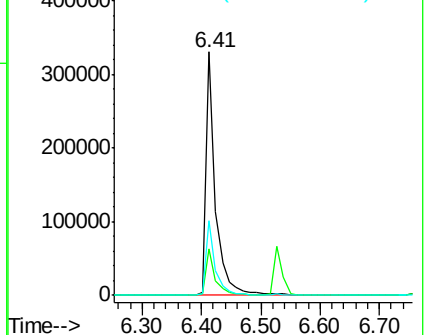
71 30.5 27.5 41.3



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: 2.81 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093424.D

Acq: 7 Mar 2017 17:43

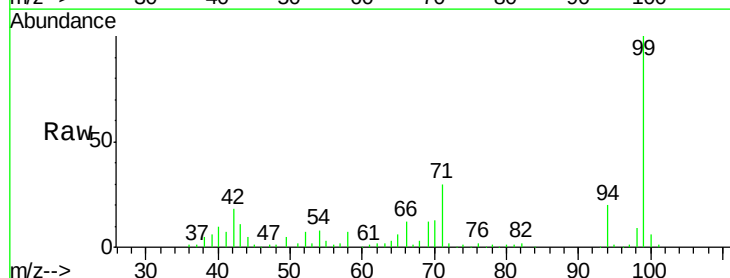
Tgt Ion: 94 Resp: 47168

Ion Ratio Lower Upper

94 100

65 32.0 21.4 61.4

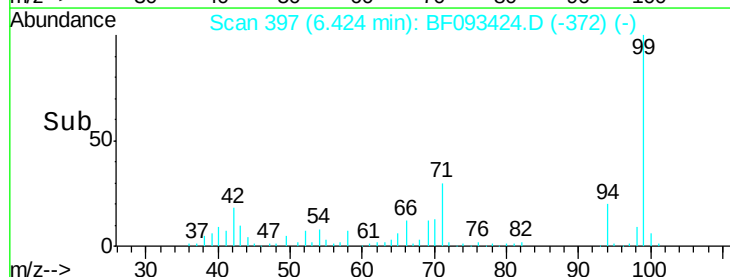
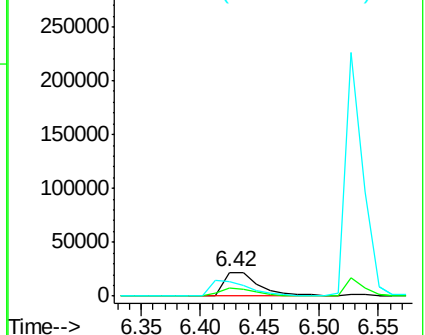
66 59.4 44.0 84.0

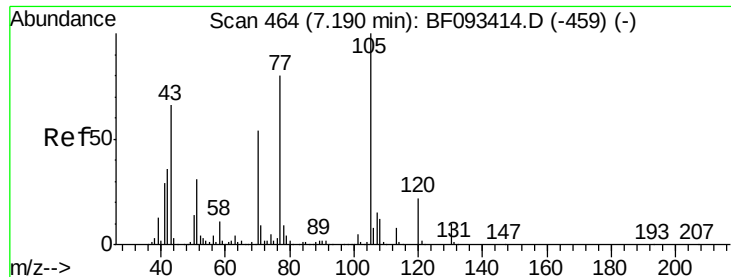


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

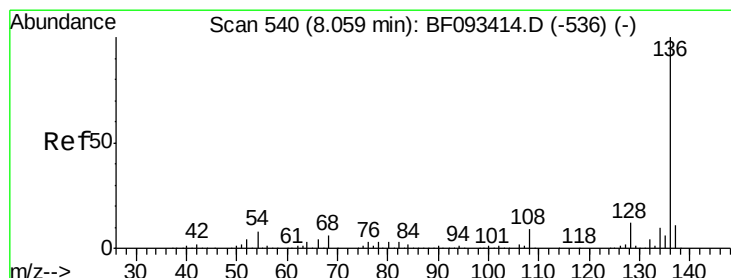
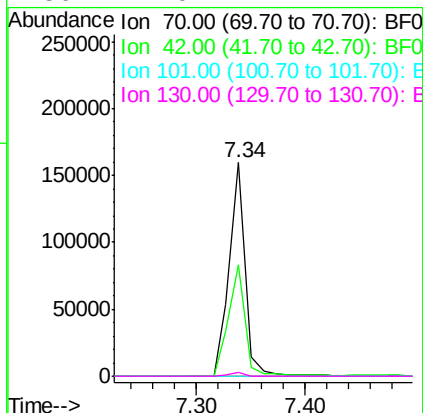
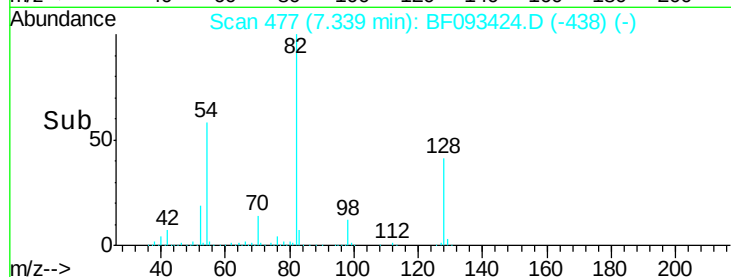
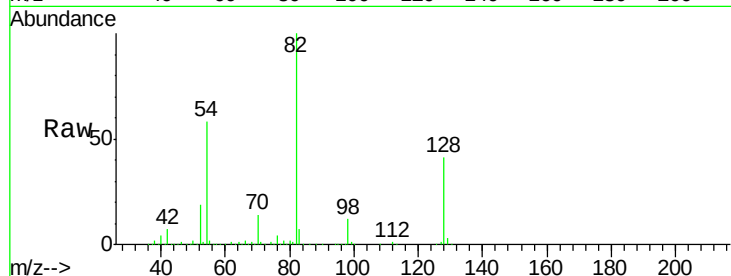




#19
n-Nitroso-di-n-propylamine
Concen: 17.34 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093424.D
Acq: 7 Mar 2017 17:43

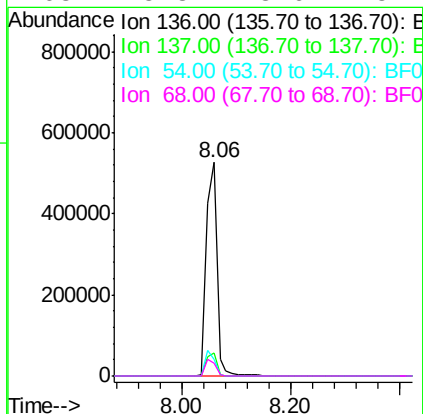
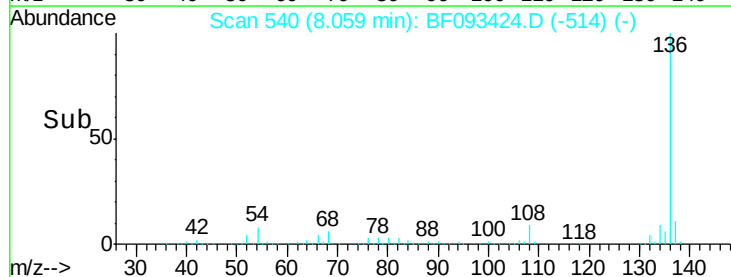
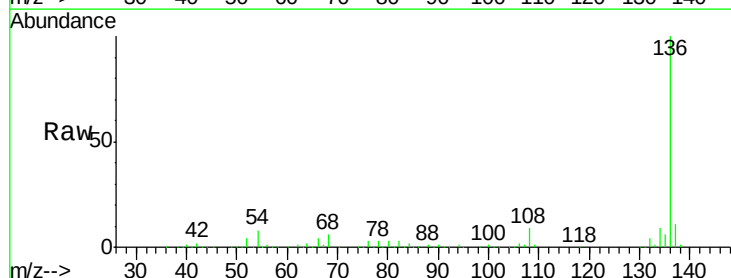
Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-D-M

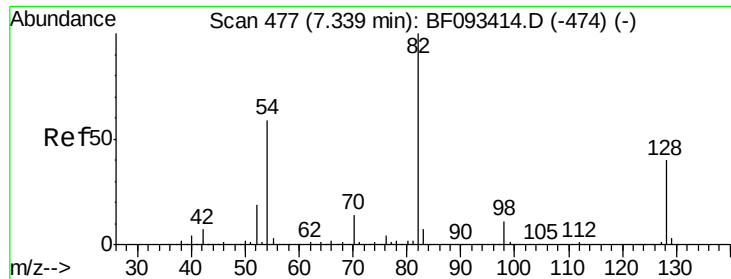
Tgt Ion: 70 Resp: 163507
Ion Ratio Lower Upper
70 100
42 51.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093424.D
Acq: 7 Mar 2017 17:43

Tgt Ion: 136 Resp: 708518
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 4.5 6.7#
68 5.8 3.6 5.4#

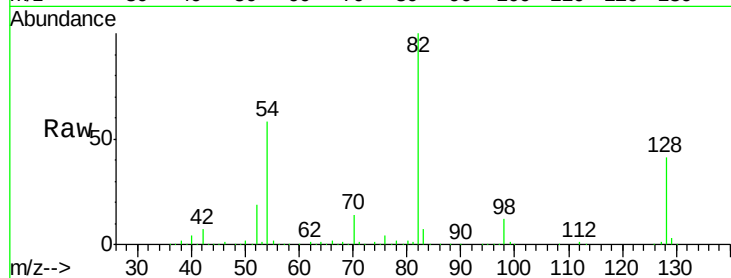




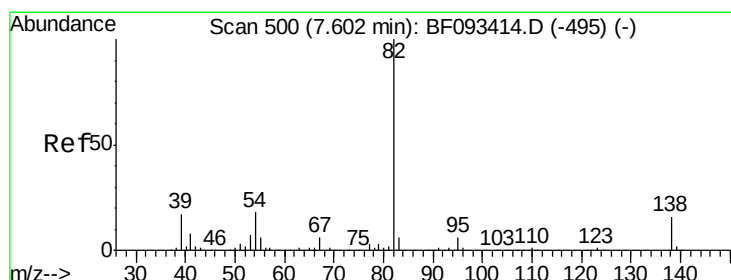
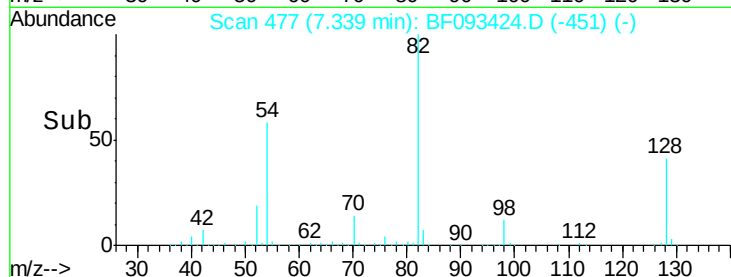
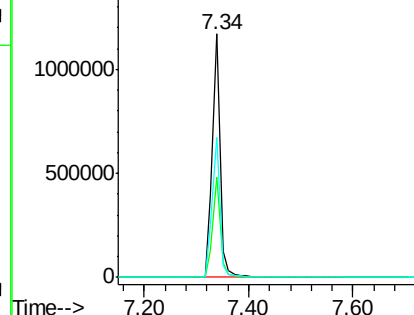
#23
 Nitrobenzene-d5
 Concen: 95.66 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-D-M

Tgt Ion: 82 Resp: 1221563
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 57.6 39.5 59.3

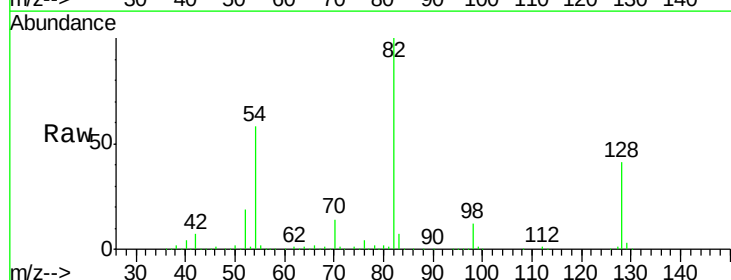


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

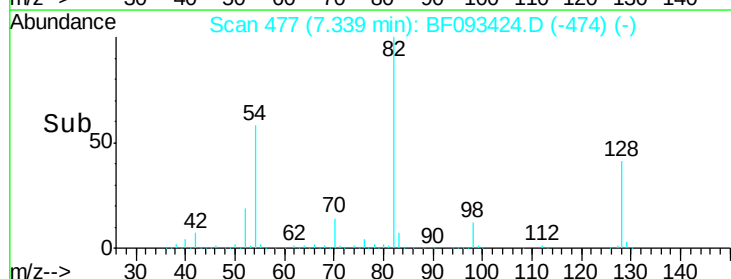
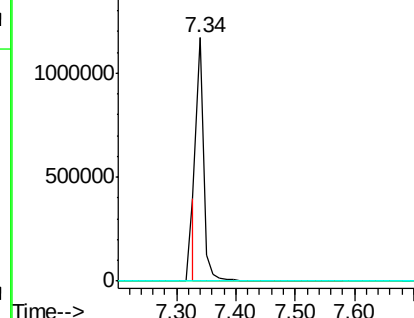


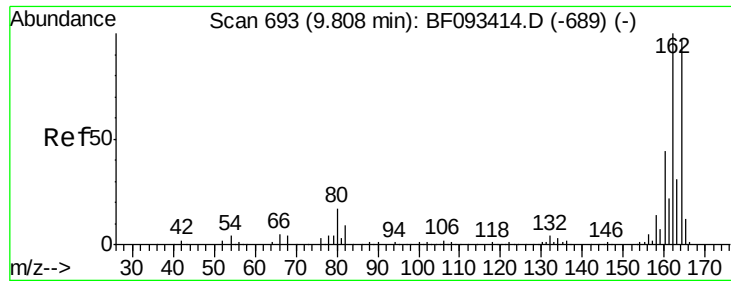
#25
 Isophorone
 Concen: 36.54 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Tgt Ion: 82 Resp: 940986
 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

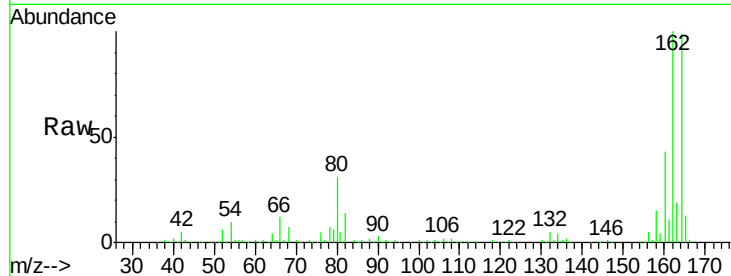




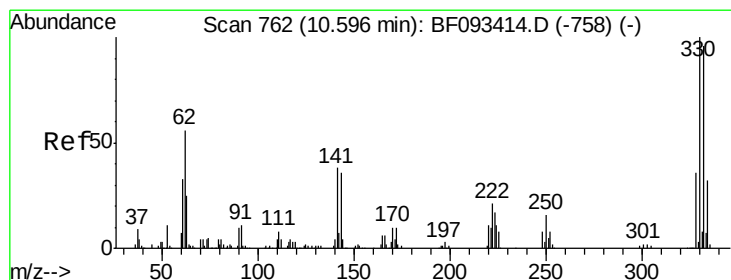
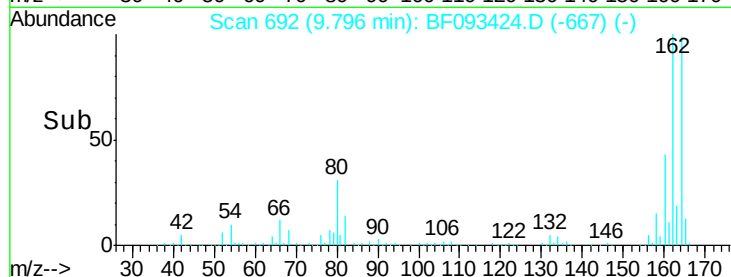
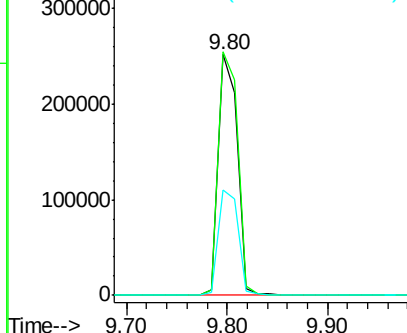
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-D-M

Tgt Ion:164 Resp: 331125
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 43.9 36.9 55.3

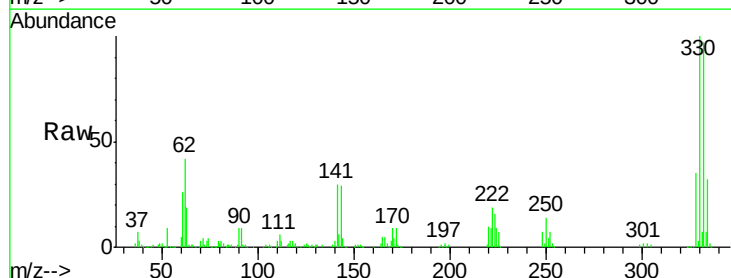


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

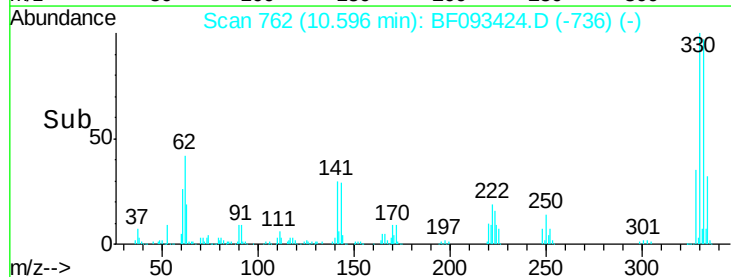
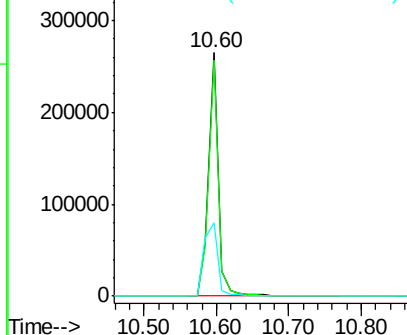


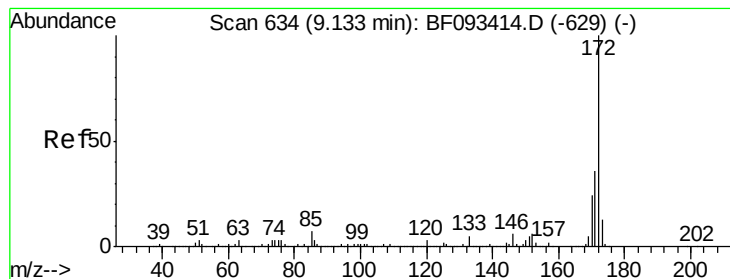
#41
 2,4,6-Tribromophenol
 Concen: 117.08 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Tgt Ion:330 Resp: 252572
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 42.7 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: 110.67 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF093424.D

Acq: 7 Mar 2017 17:43

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-D-M

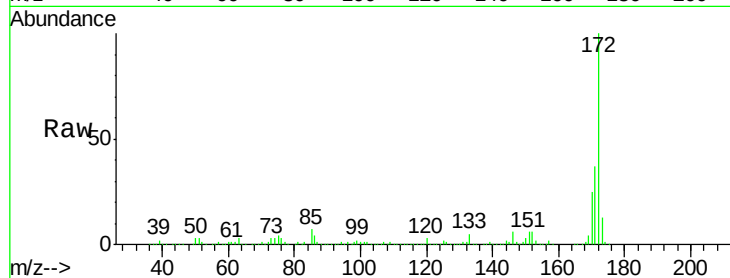
Tgt Ion:172 Resp: 1970137

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

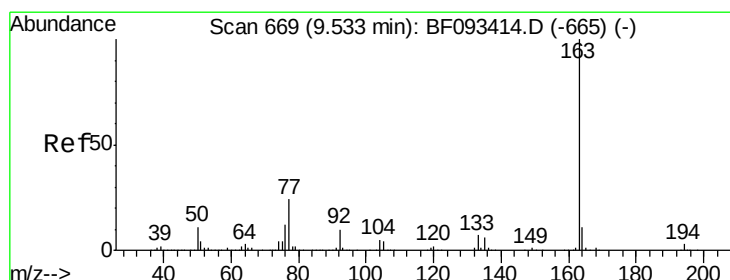
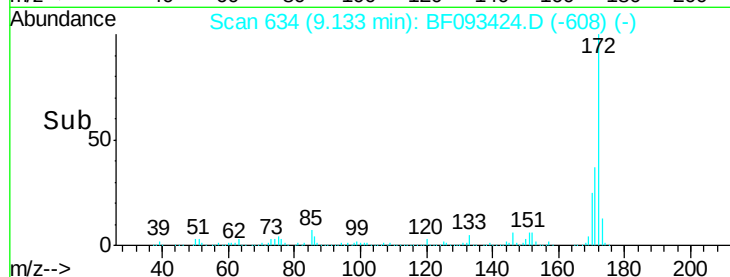
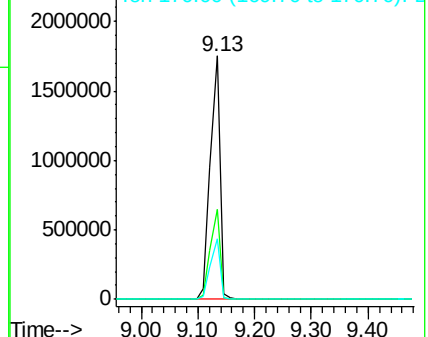
170 25.0 20.2 30.4



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: 3.82 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093424.D

Acq: 7 Mar 2017 17:43

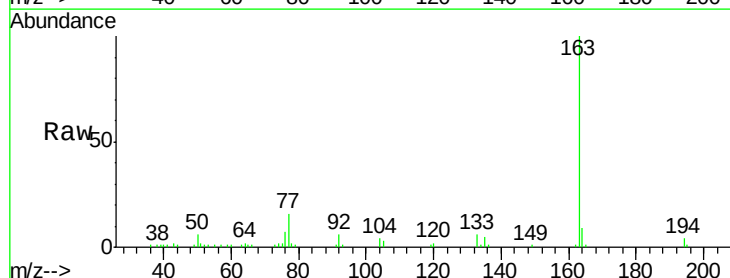
Tgt Ion:163 Resp: 83854

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

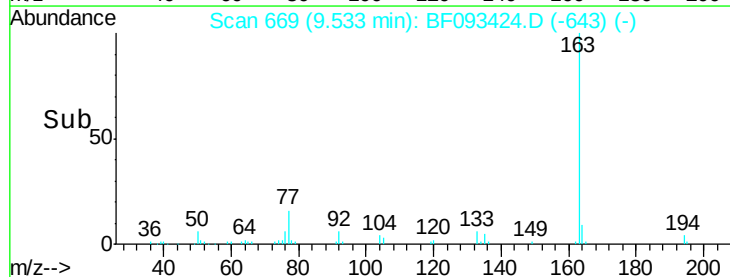
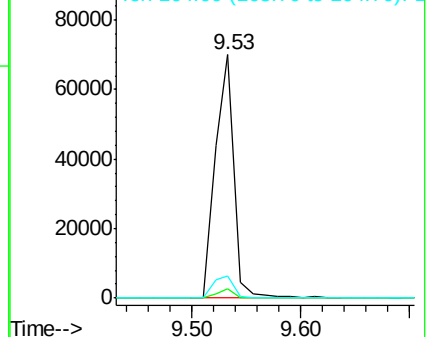
164 9.3 8.0 12.0

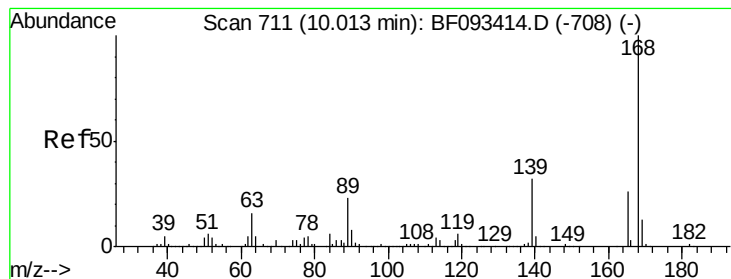


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.93 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.22 min

Lab File: BF093424.D

Acq: 7 Mar 2017 17:43

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-D-M

Tgt Ion:165 Resp: 41002

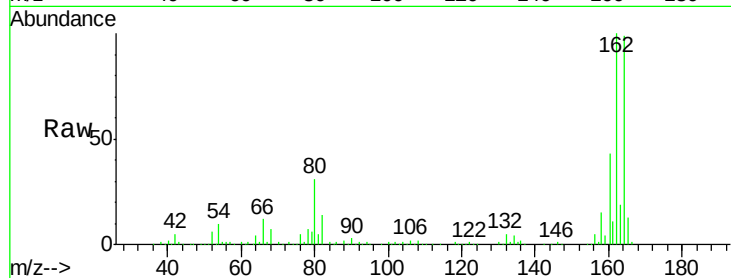
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

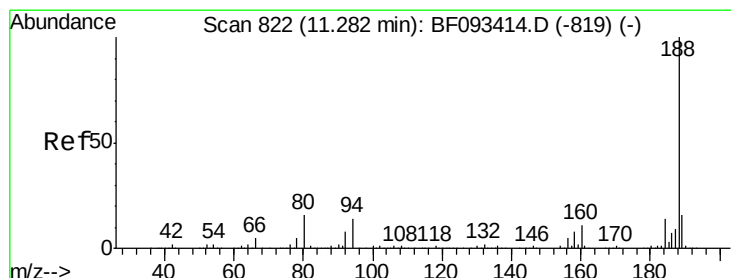
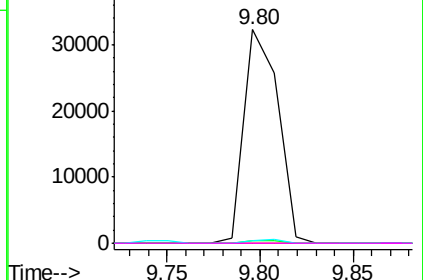
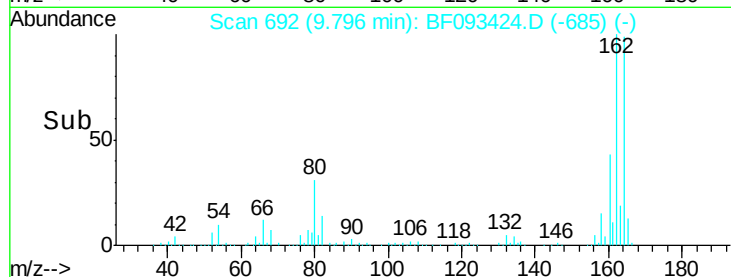


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093424.D

Acq: 7 Mar 2017 17:43

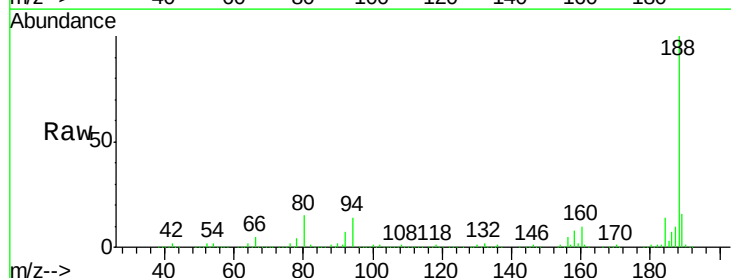
Tgt Ion:188 Resp: 621563

Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

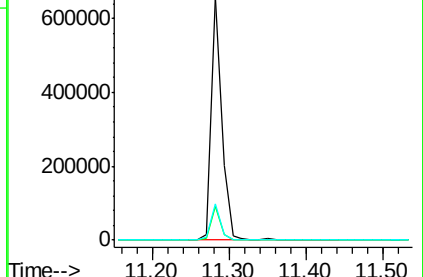
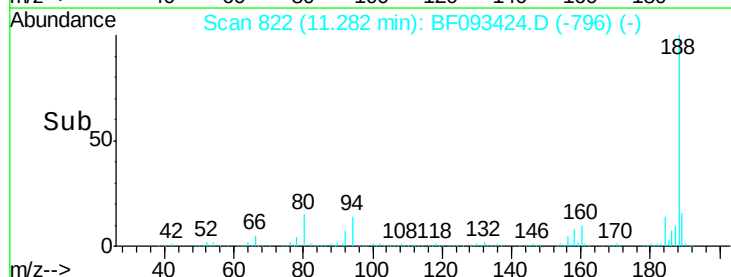
80 14.8 11.2 16.8

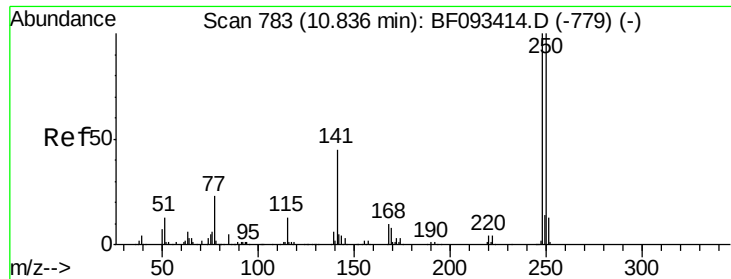


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

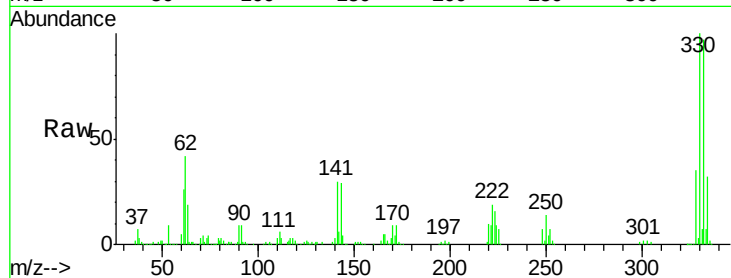




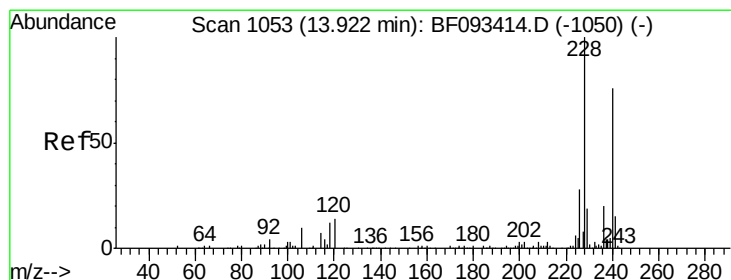
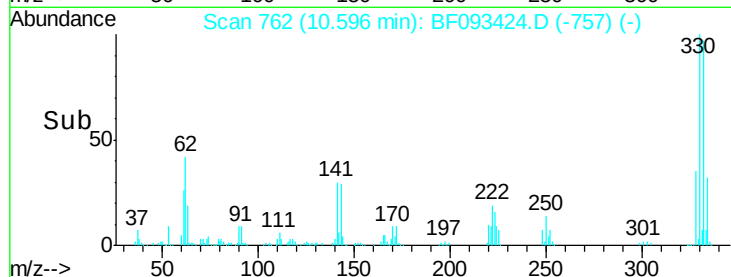
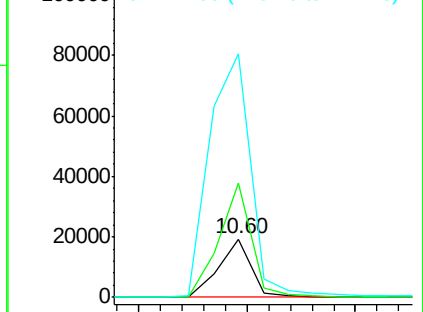
#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093424.D
Acq: 7 Mar 2017 17:43

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-D-M

Tgt Ion:248 Resp: 19797
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 418.7 68.2 102.4#

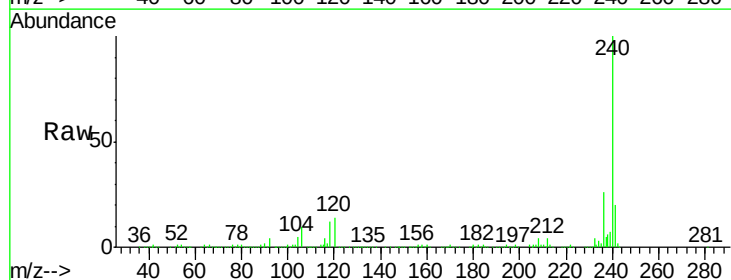


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

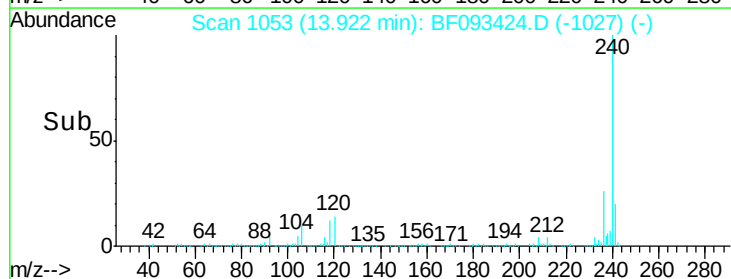
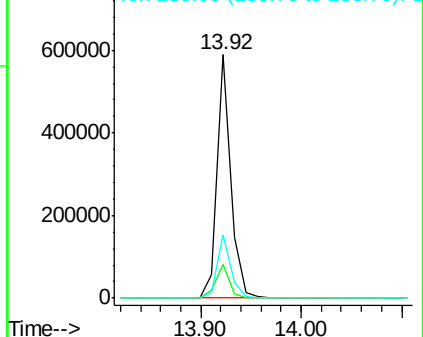


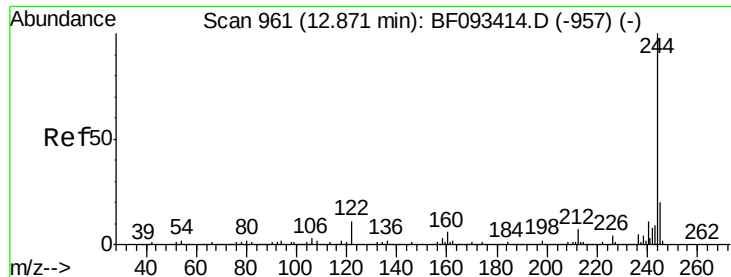
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093424.D
Acq: 7 Mar 2017 17:43

Tgt Ion:240 Resp: 561297
Ion Ratio Lower Upper
240 100
120 14.0 12.9 19.3
236 25.7 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

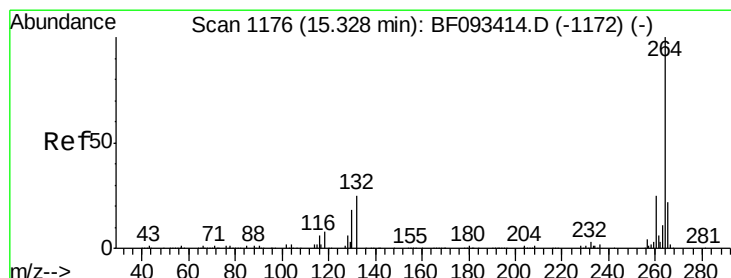
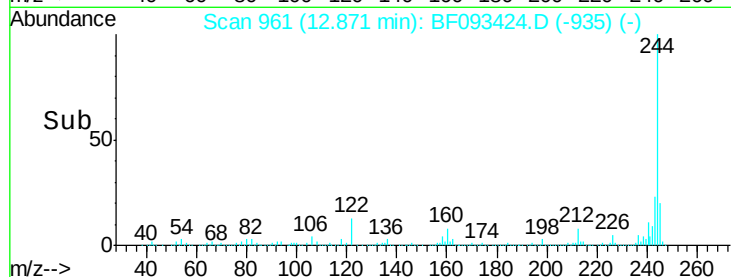
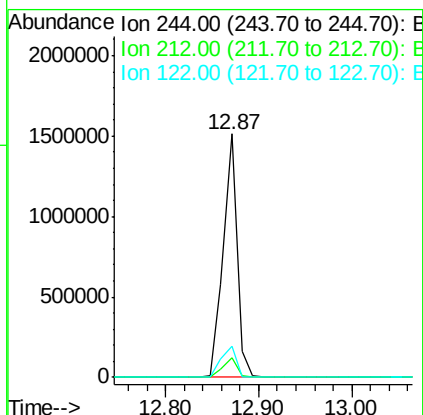
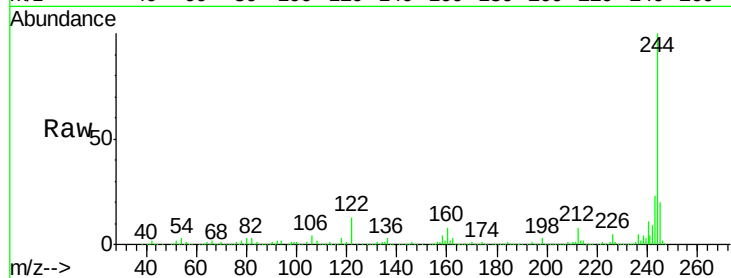




#78
 Terphenyl-d14
 Concen: 72.60 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093424.D
 Acq: 7 Mar 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-D-M

Tgt Ion:244 Resp: 1567291
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.8 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: BF093424.D
 Acq: 7 Mar 2017 17:43

Tgt Ion:264 Resp: 437562
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.6 17.4 26.0

