

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093552.D
 Acq On : 11 Mar 2017 5:23
 Operator : SJ/MA
 Sample : PB97520BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 13:52:20 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

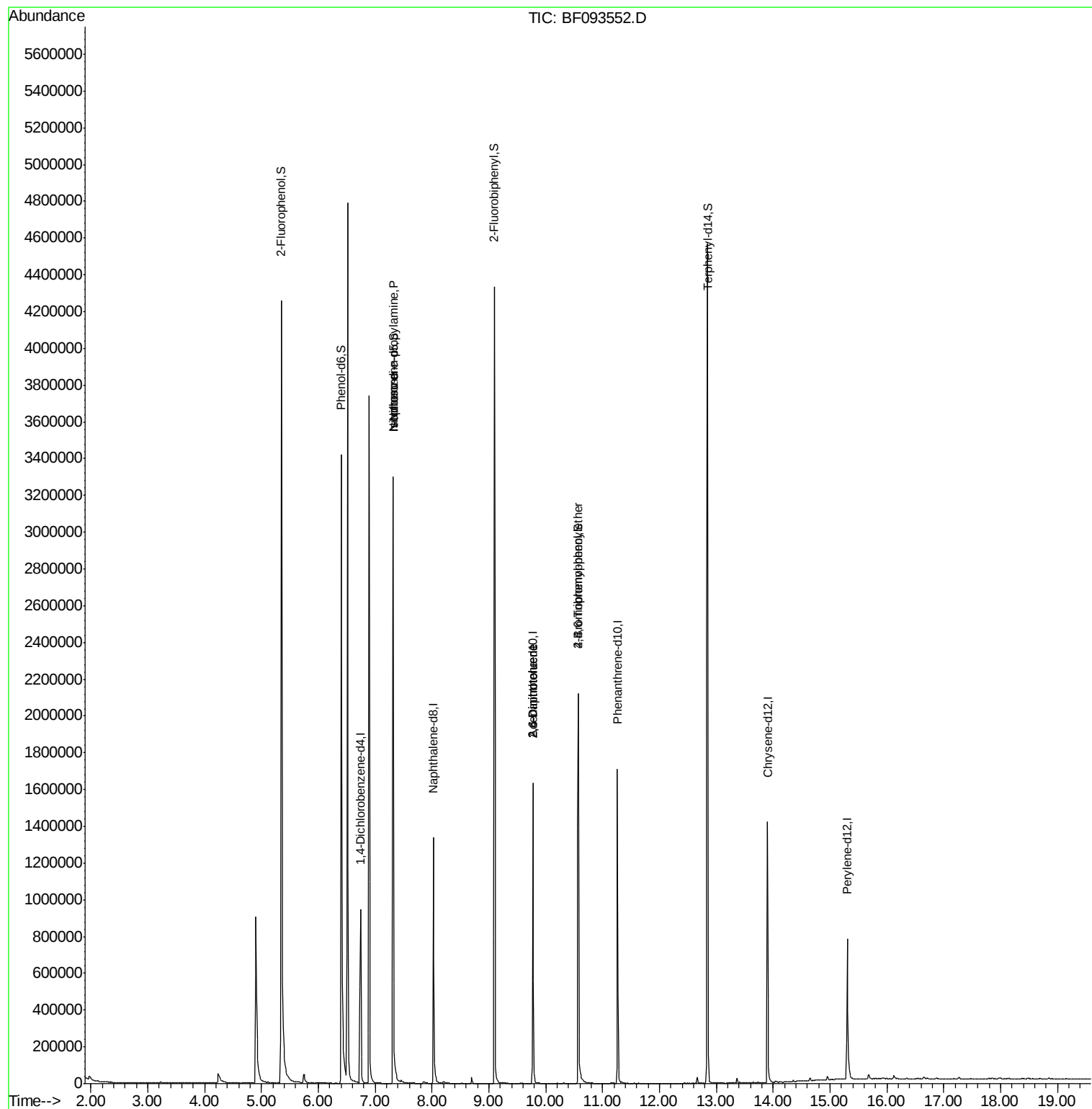
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	180007	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	734392	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	340350	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	649462	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	537216	20.00	ng	-0.02
86) Perylene-d12	15.31	264	364059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1412544	130.60	ng	0.00
7) Phenol-d6	6.40	99	1815973	133.15	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1129611	85.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	320892	144.71	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1674292	91.50	ng	-0.03
78) Terphenyl-d14	12.85	244	1594145	77.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2332	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	153223	16.34	ng	# 82
25) Isophorone	7.32	82	1131802	42.40	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	42859	8.66	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	42860	7.05	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	22569	3.29	ng	# 1

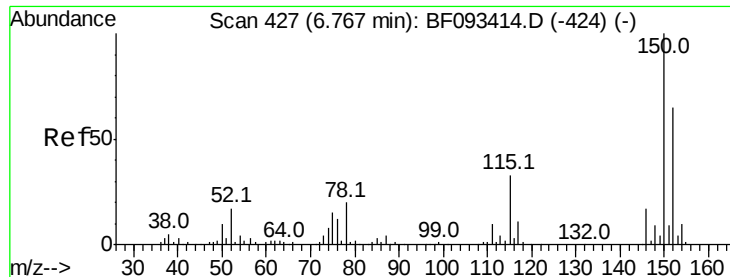
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

Instrument :

BNA_F

ClientSampleId :

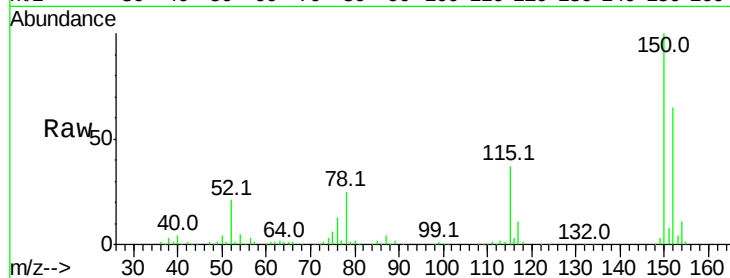
Tot Ion:152 Resp: 180007

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

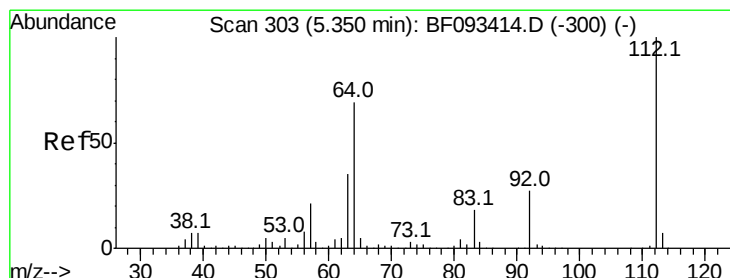
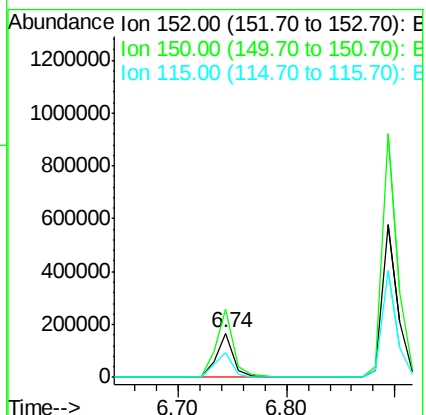
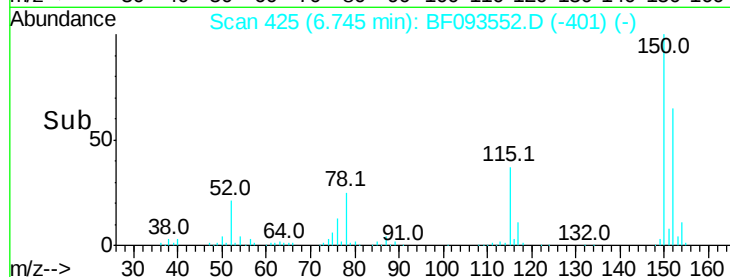
115 56.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 130.60 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

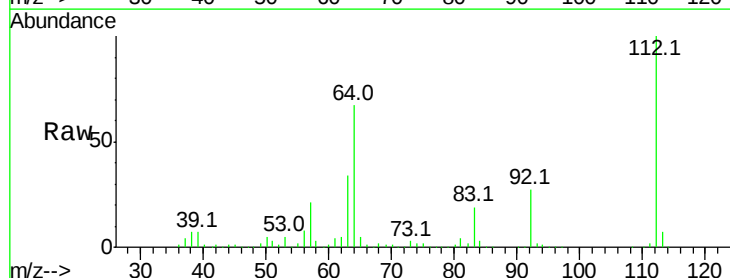
Tgt Ion:112 Resp: 1412544

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

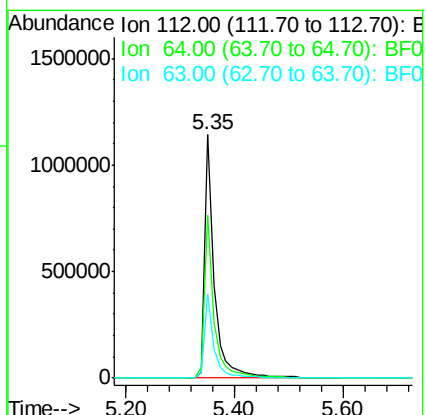
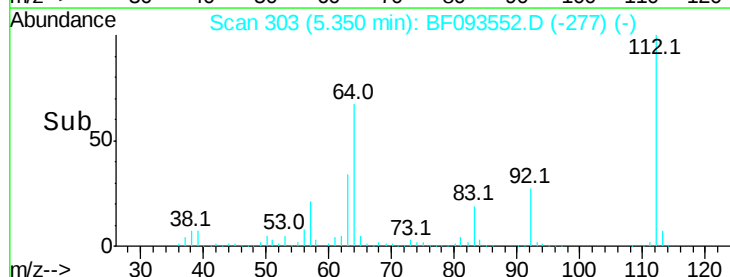
63 34.5 23.8 35.6

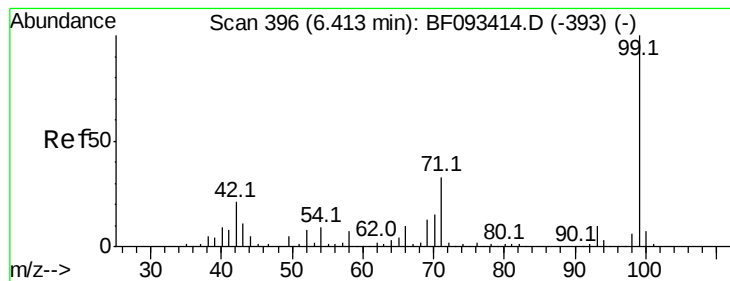


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.15 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

Instrument :

BNA_F

ClientSampled :

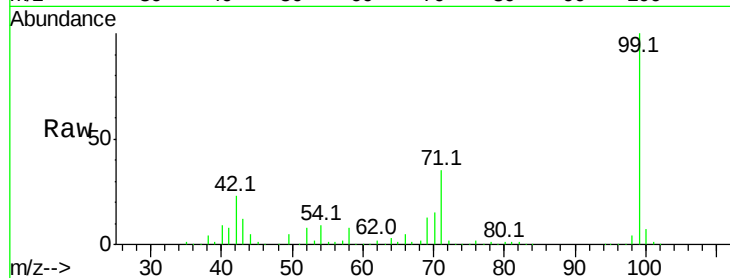
Tot Ion: 99 Resp: 1815973

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

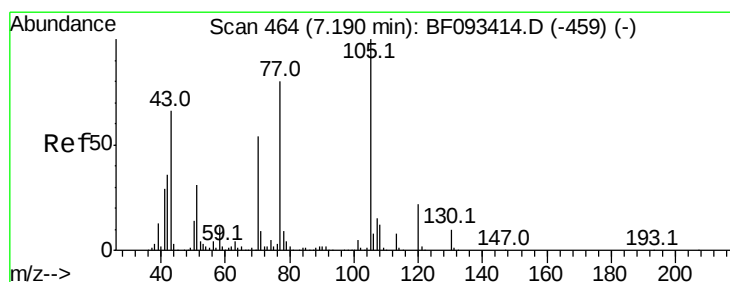
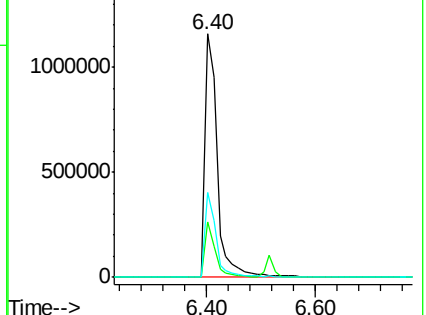
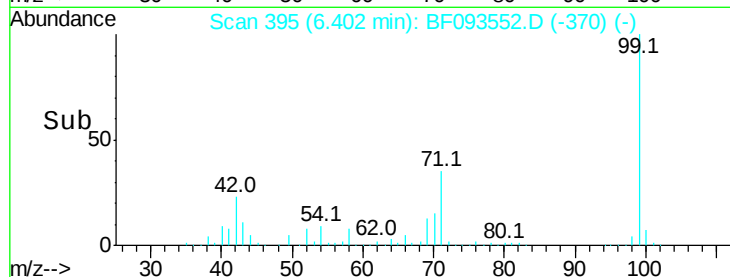
71 35.0 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

Tgt Ion: 70 Resp: 153223

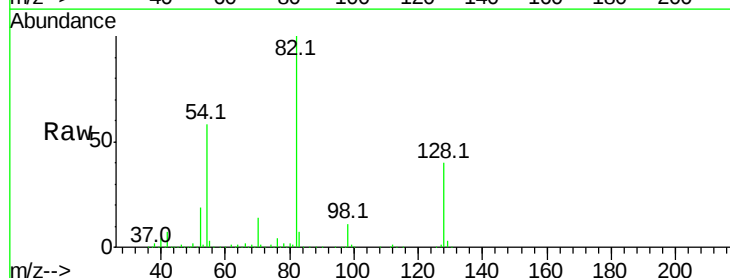
Ion Ratio Lower Upper

70 100

42 53.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

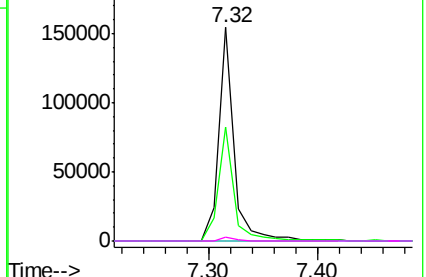
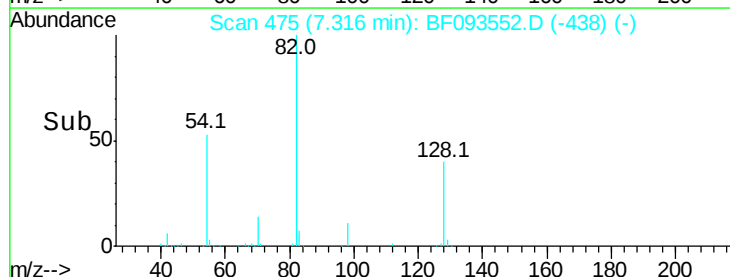


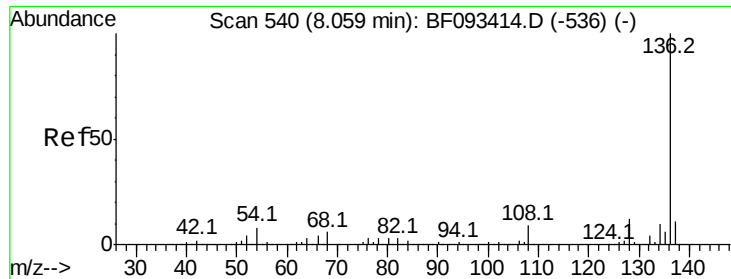
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

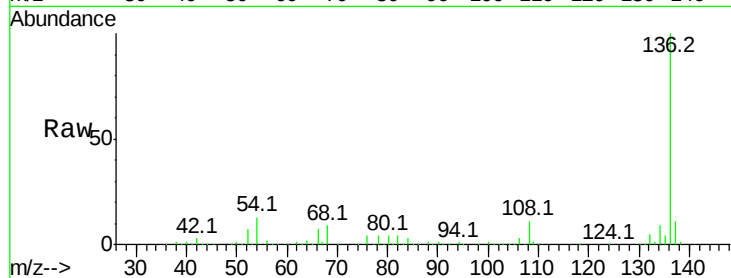




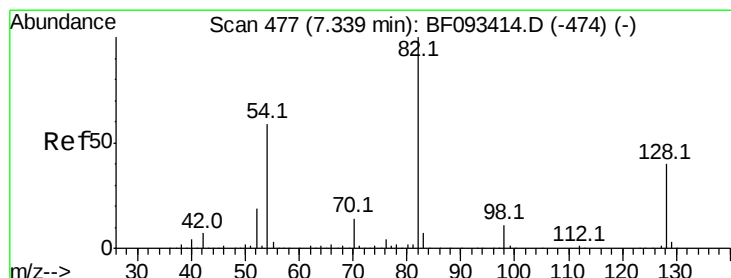
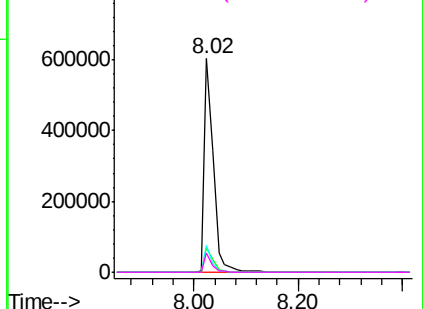
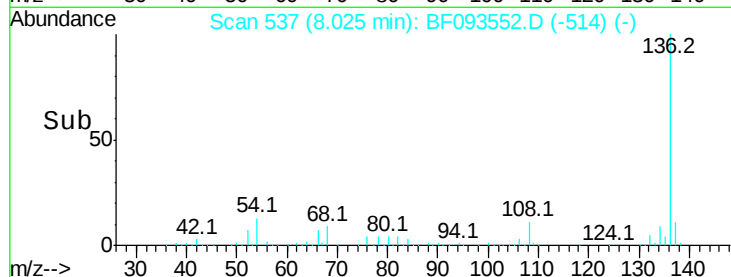
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093552.D
Acq: 11 Mar 2017 5:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	734392
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	12.9	4.5 6.7#
68	9.0	3.6 5.4#

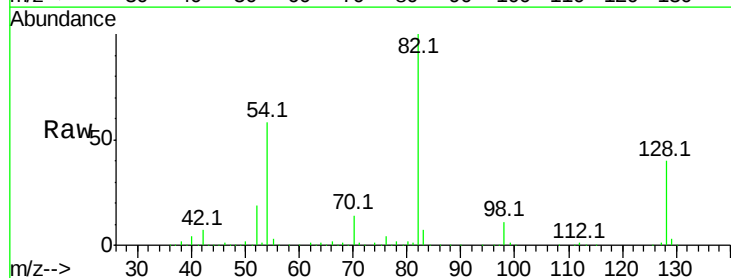


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

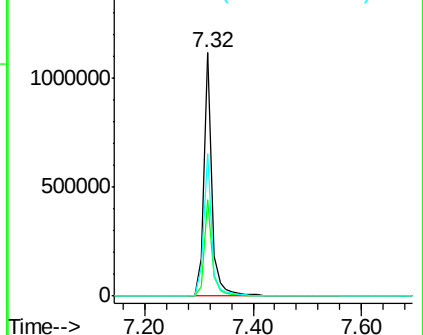
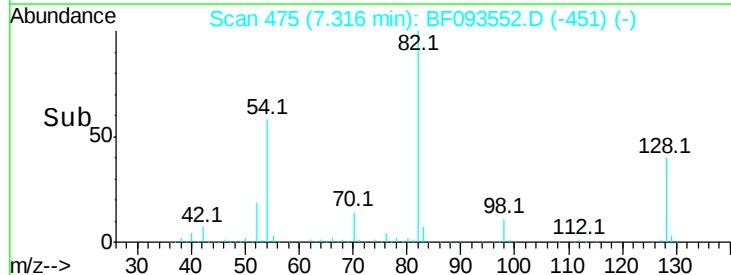


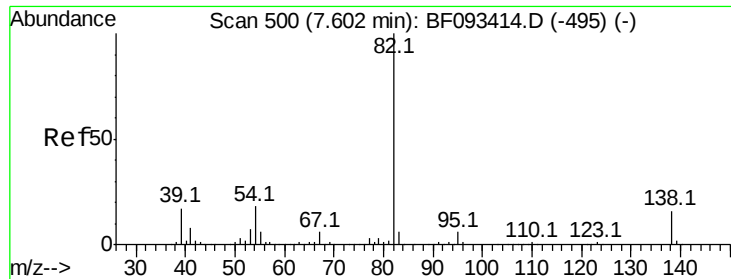
#23
Nitrobenzene-d5
Concen: 85.34 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093552.D
Acq: 11 Mar 2017 5:23

Tgt Ion: 82	Resp:	1129611
Ion Ratio	Lower	Upper
82	100	
128	39.9	34.6 52.0
54	58.4	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: 42.40 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

Instrument :

BNA_F

ClientSampled :

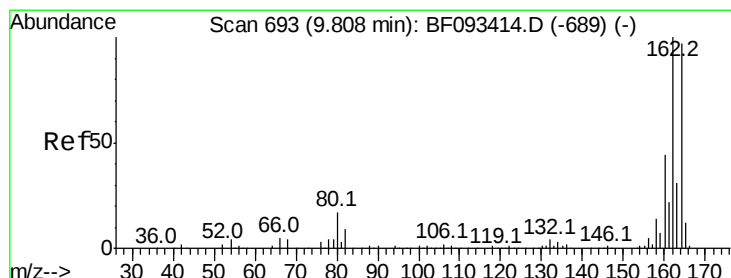
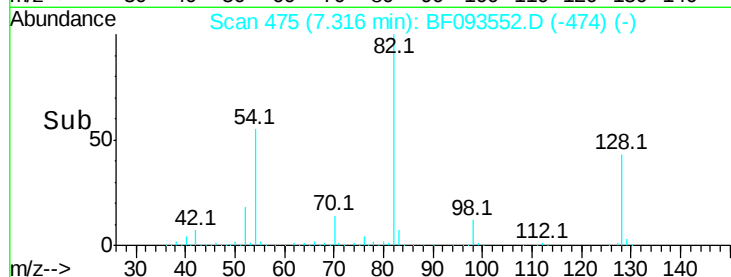
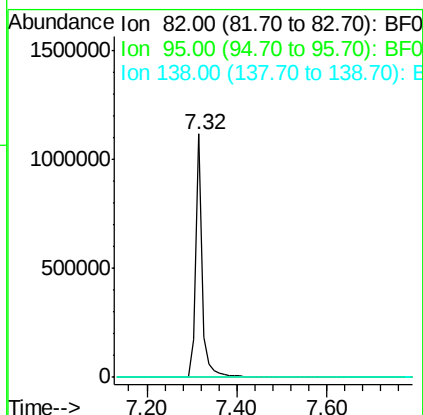
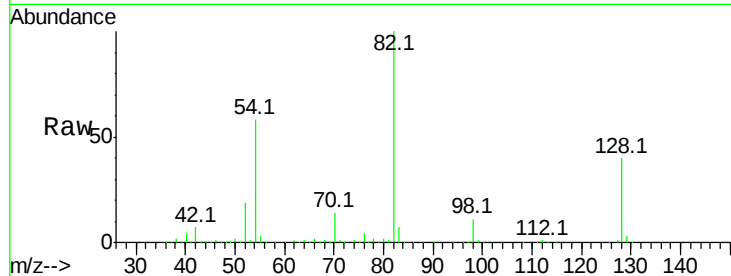
Tot Ion: 82 Resp: 1131802

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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093552.D

Acq: 11 Mar 2017 5:23

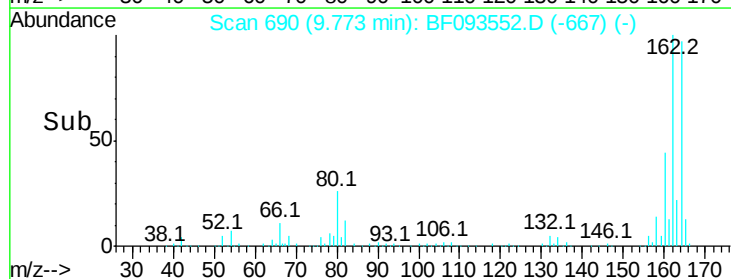
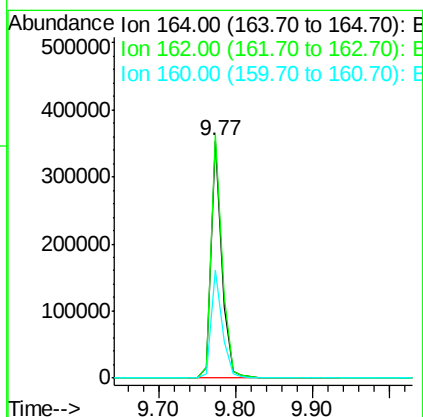
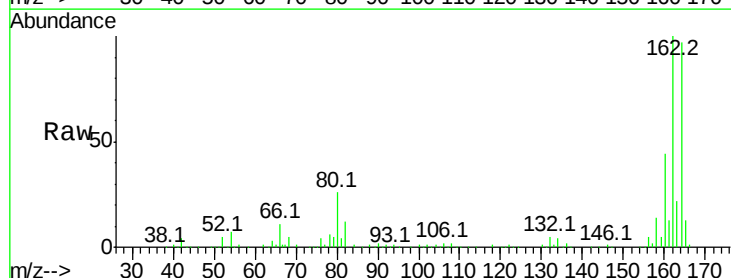
Tgt Ion:164 Resp: 340350

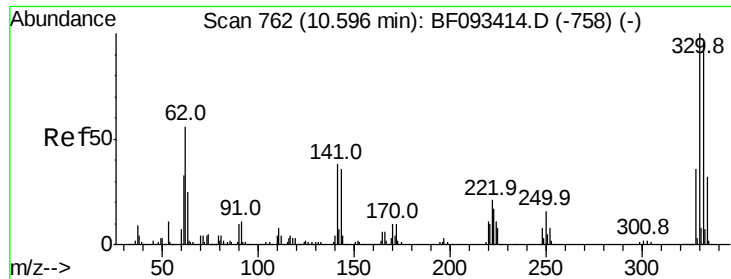
Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

160 45.4 36.9 55.3

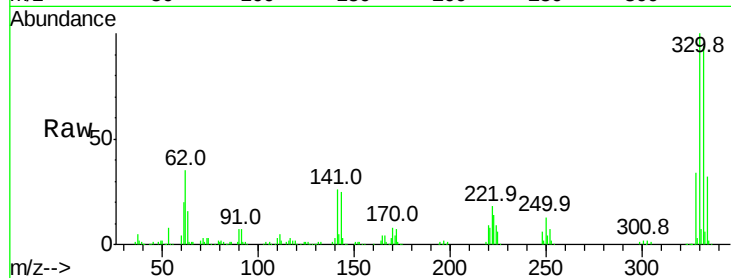




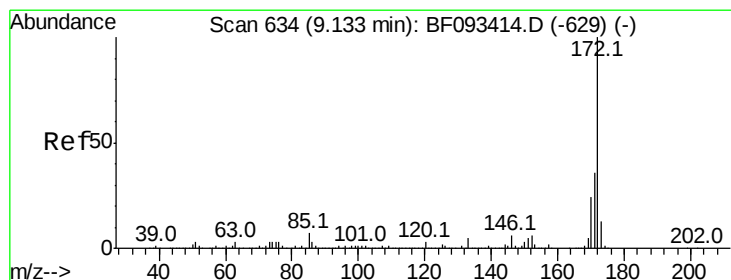
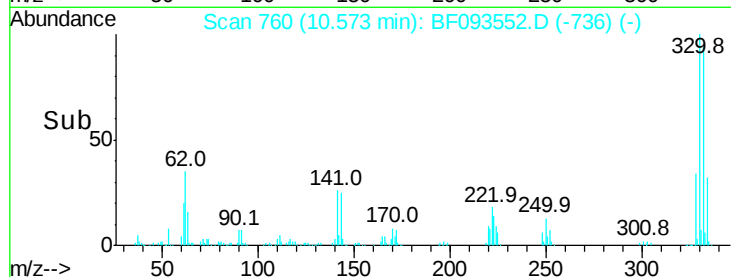
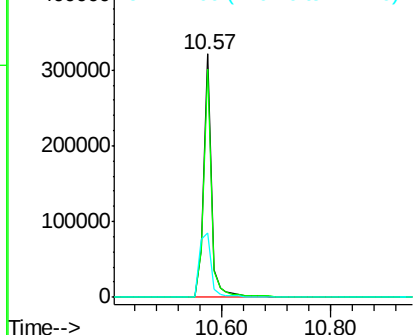
#41
 2,4,6-Tribromophenol
 Concen: 144.71 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 320892
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 40.4 34.1 51.1

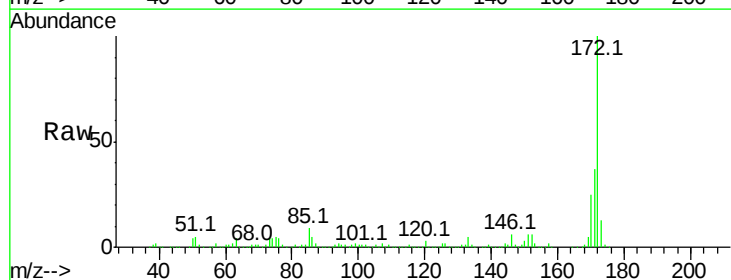


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

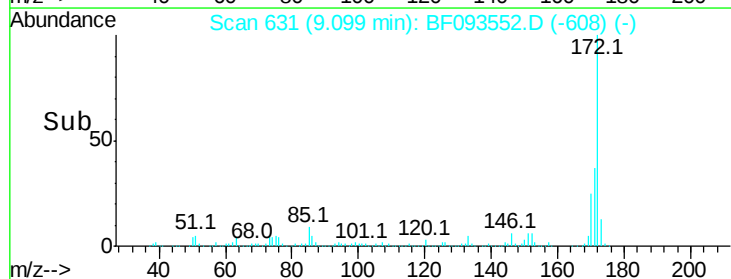
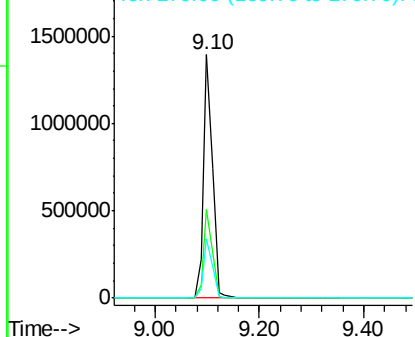


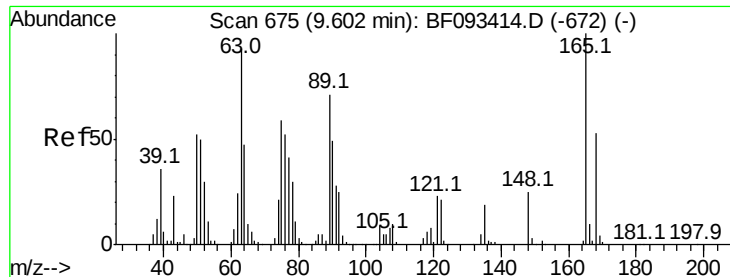
#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Tgt Ion:172 Resp: 1674292
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

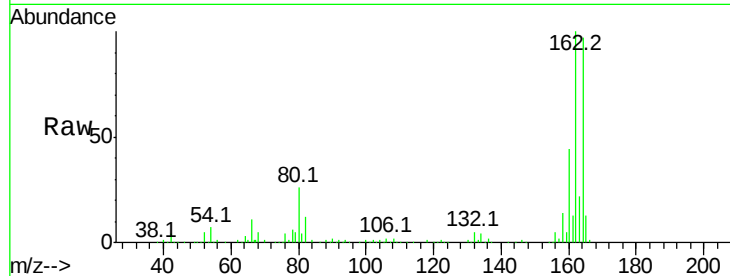




#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :

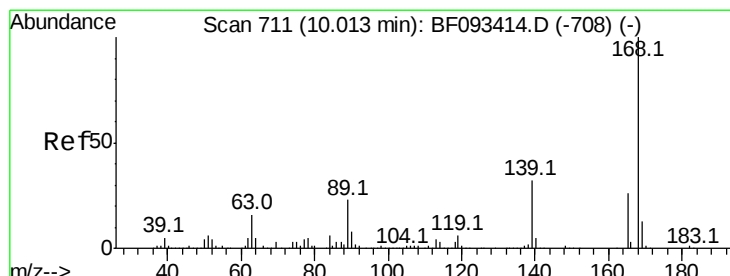
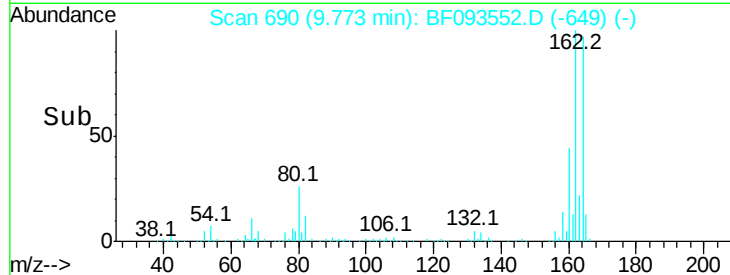
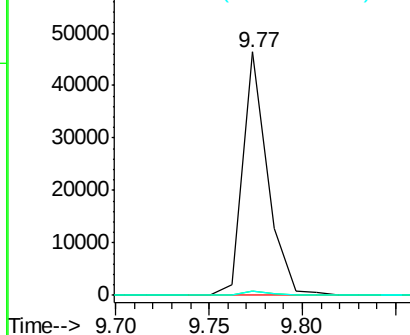
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.6	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

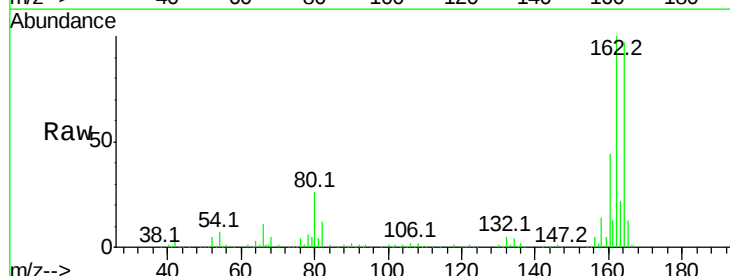
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

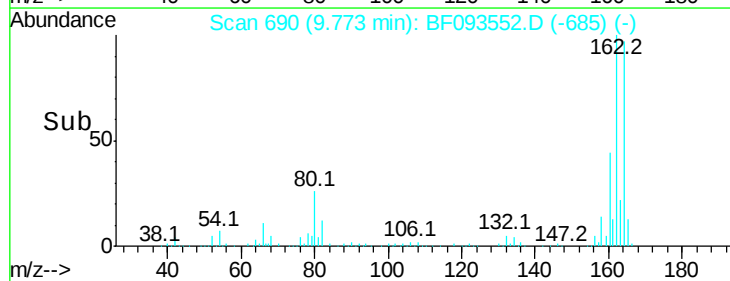
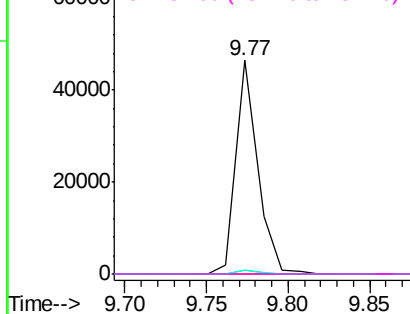


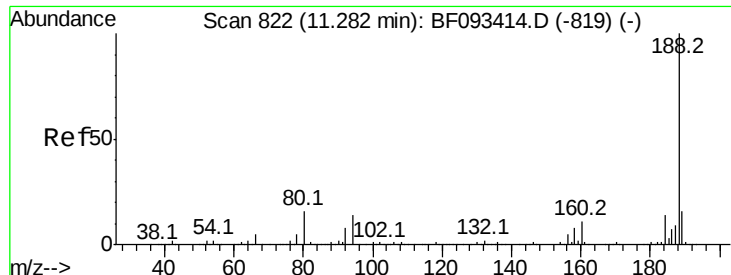
Abundance Ion 165.00 (164.70 to 165.70): E

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

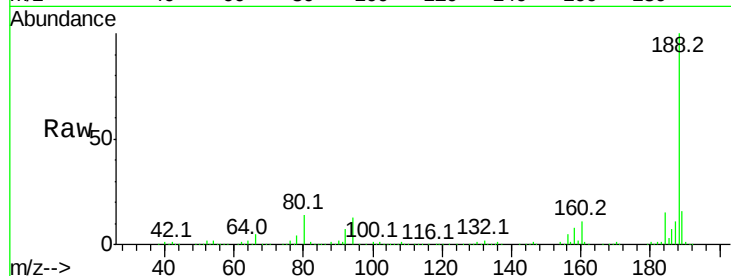




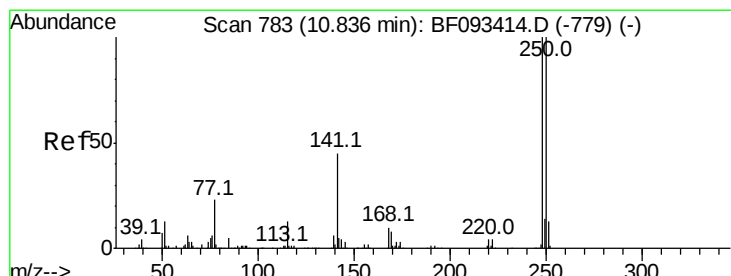
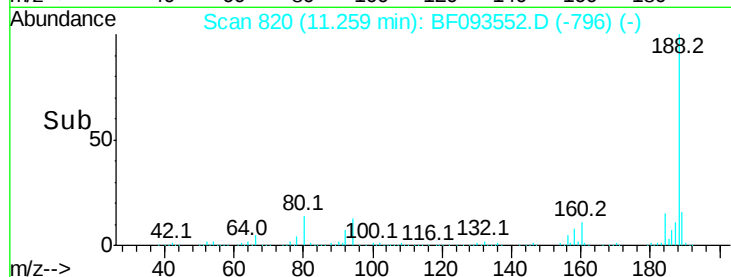
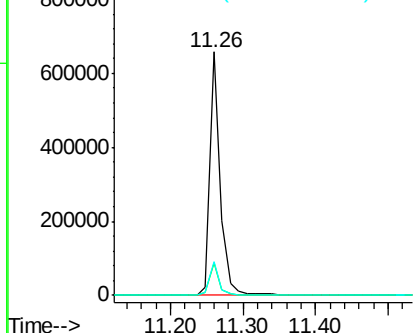
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 649462
 Ion Ratio Lower Upper
 188 100
 94 13.1 10.0 15.0
 80 14.0 11.2 16.8

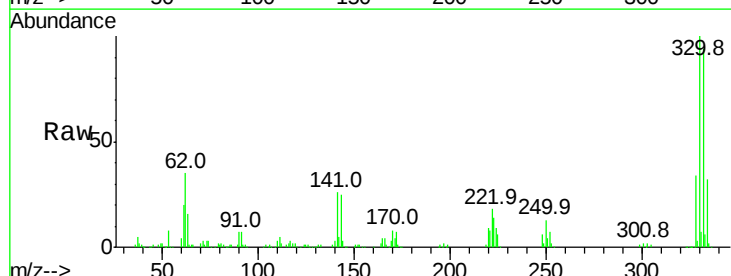


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

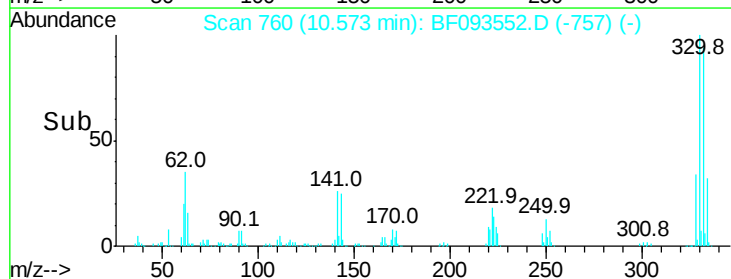
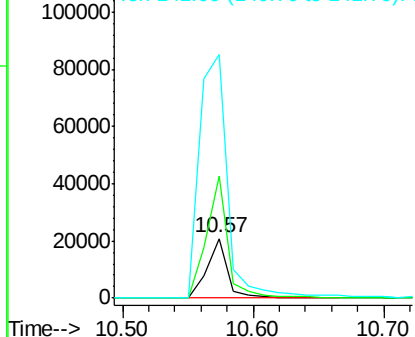


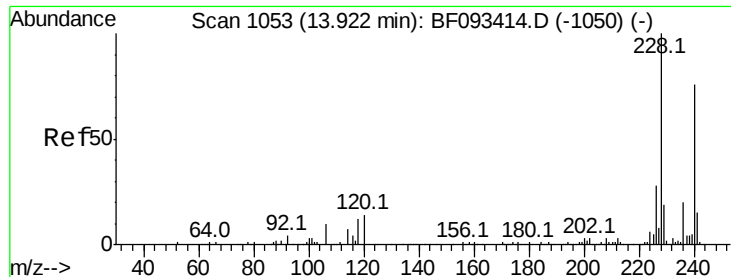
#66
 4-Bromophenyl-phenylether
 Concen: 3.29 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Tgt Ion:248 Resp: 22569
 Ion Ratio Lower Upper
 248 100
 250 206.8 76.9 115.3#
 141 410.7 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

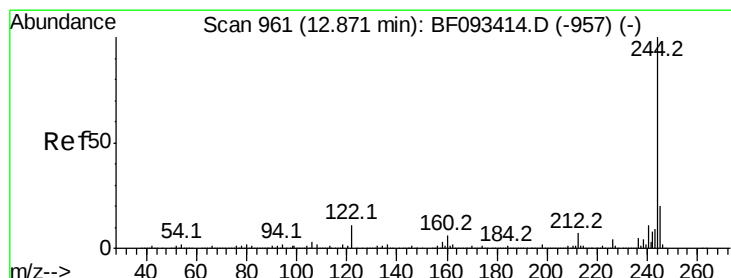
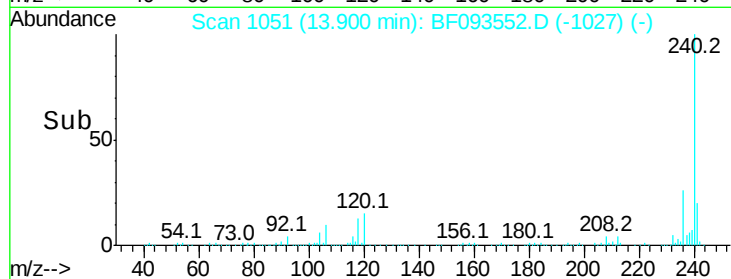
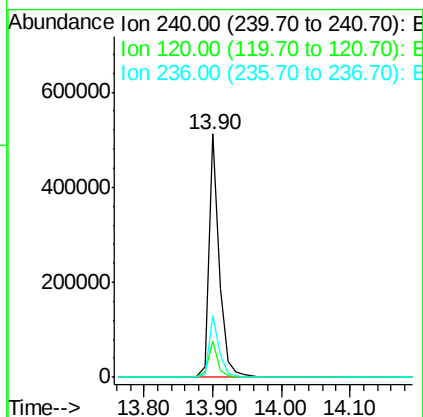
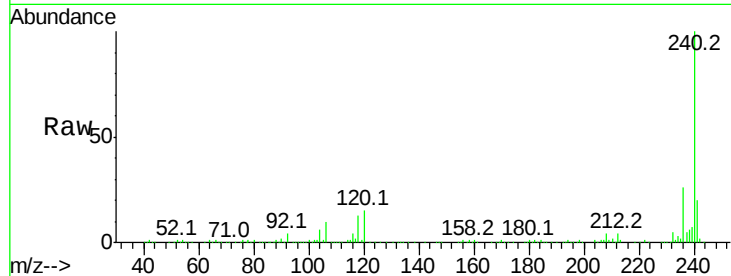




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

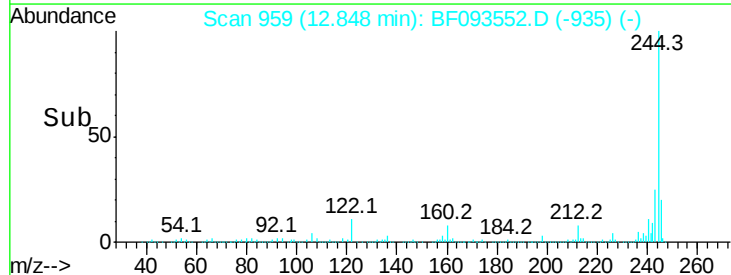
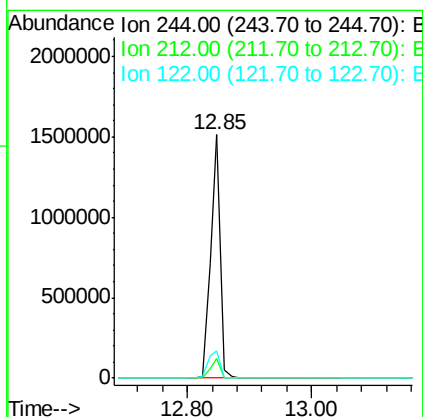
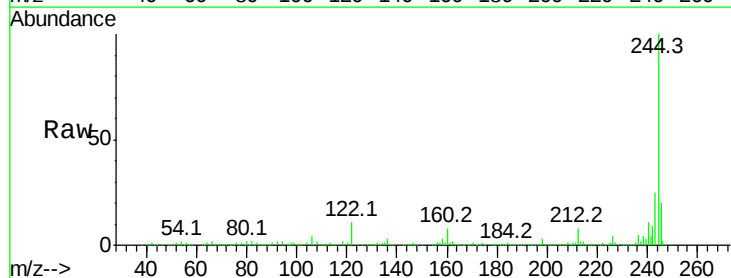
Instrument :
 BNA_F
 ClientSampleId :

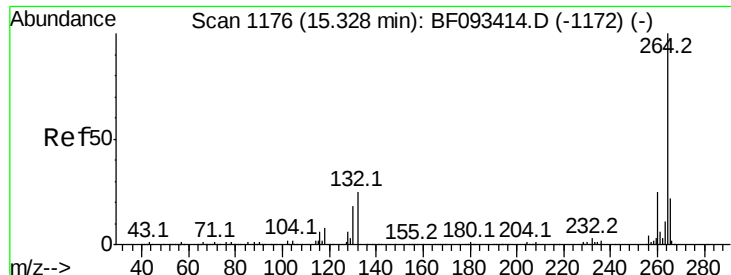
Tot Ion:240 Resp: 537216
 Ion Ratio Lower Upper
 240 100
 120 14.6 12.9 19.3
 236 25.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 77.15 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Tgt Ion:244 Resp: 1594145
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 11.3 11.4 17.2#

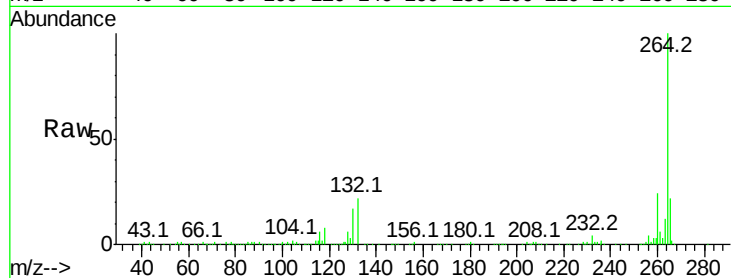




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093552.D
 Acq: 11 Mar 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

