

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093485.D
 Acq On : 9 Mar 2017 19:49
 Operator : SJ/MA
 Sample : PB97463TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97463TB

Quant Time: Mar 09 23:51:13 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

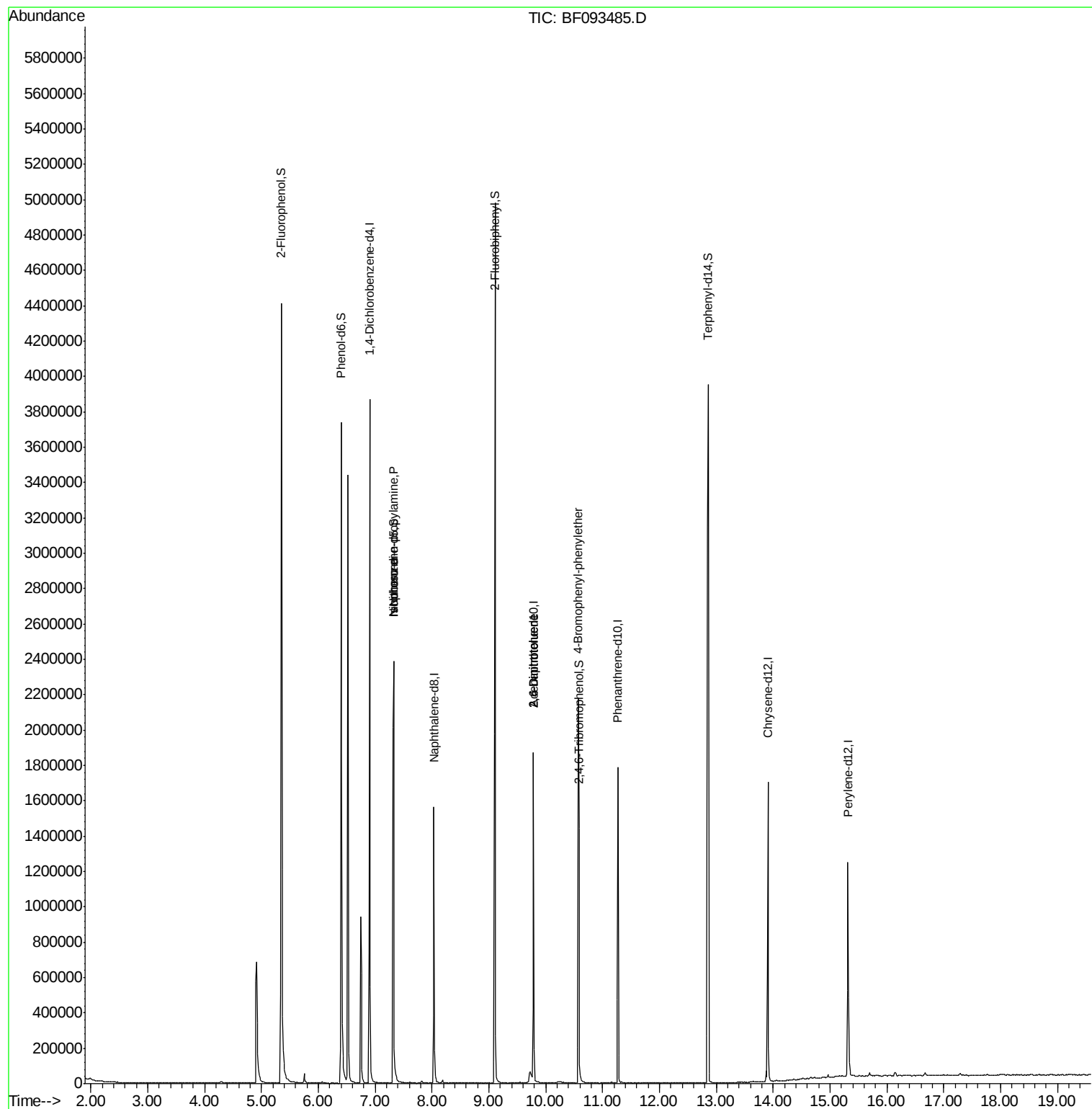
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	576025	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	734075	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	359652	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	662950	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	629645	20.00	ng	-0.01
86) Perylene-d12	15.32	264	532417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1326808	38.34	ng	0.00
7) Phenol-d6	6.40	99	1636594	37.50	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1133305	85.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	329270	140.52	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1683051	87.04	ng	-0.02
78) Terphenyl-d14	12.86	244	1666427	68.81	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	2134	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	151008	5.03	ng	# 77
25) Isophorone	7.33	82	1122277	42.07	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	44993	8.60	ng	# 32
56) 2,4-Dinitrotoluene	9.78	165	44995	7.00	ng	# 21
66) 4-Bromophenyl-phenylether	10.57	248	23037	3.29	ng	# 1

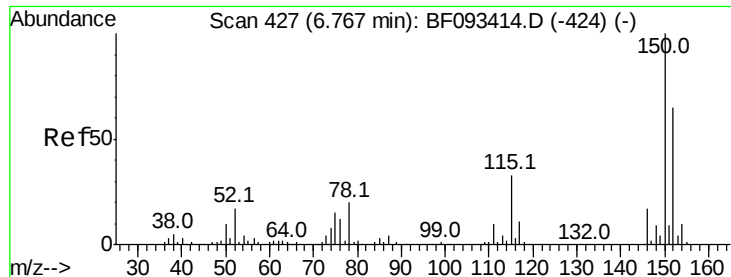
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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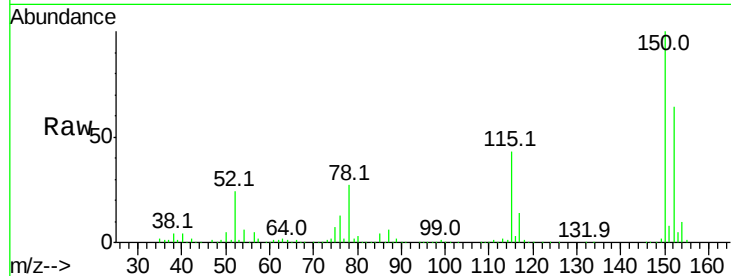


#1

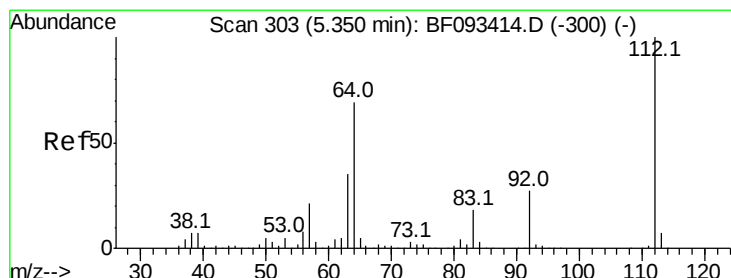
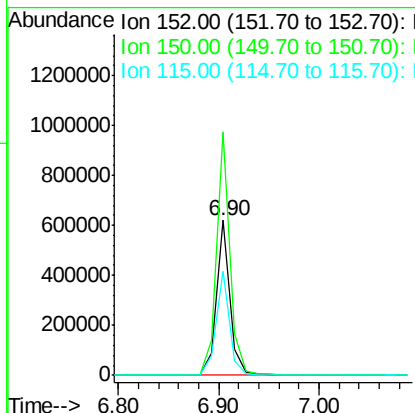
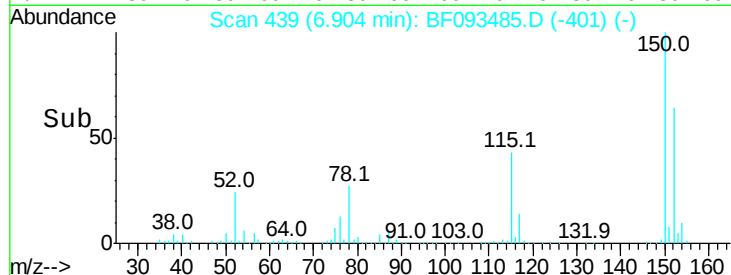
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 439
Delta R.T. 0.14 min
Lab File: BF093485.D
Acq: 9 Mar 2017 19:49

Instrument :
BNA_F
ClientSampleId :
PB97463TB

Tot Ion:152 Resp: 576025
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 67.2 46.0 69.0



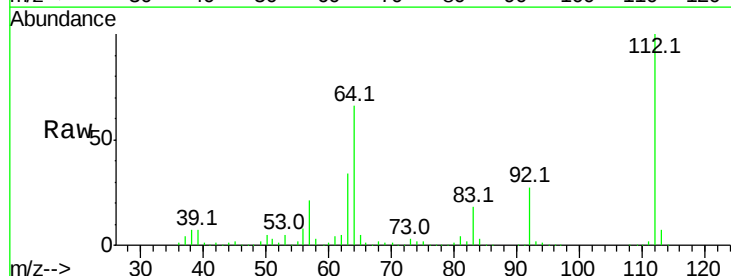
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



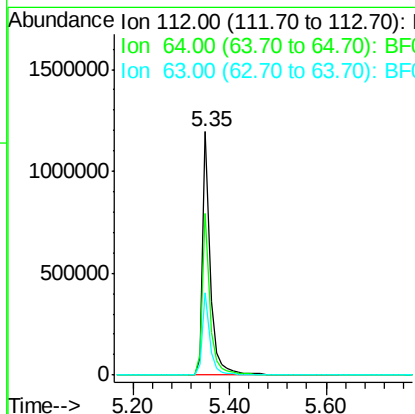
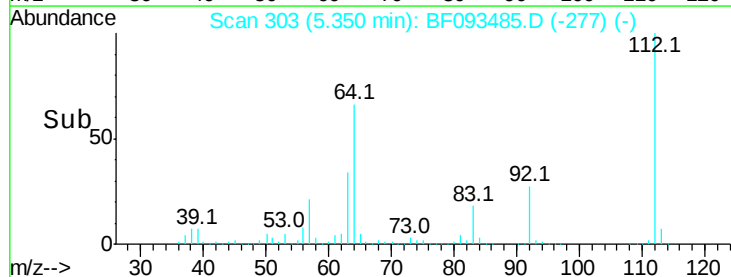
#5

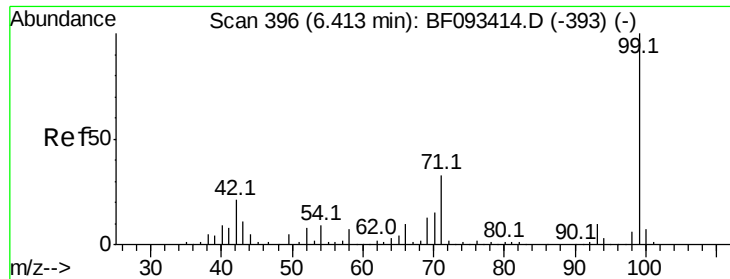
2-Fluorophenol
Concen: 38.34 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093485.D
Acq: 9 Mar 2017 19:49

Tgt Ion:112 Resp: 1326808
Ion Ratio Lower Upper
112 100
64 66.5 46.1 69.1
63 33.6 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: 37.50 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB97463TB

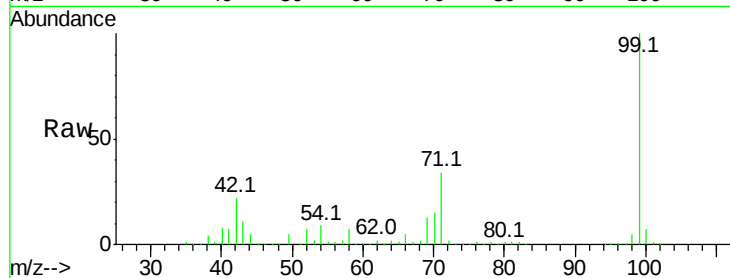
Tot Ion: 99 Resp: 1636594

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

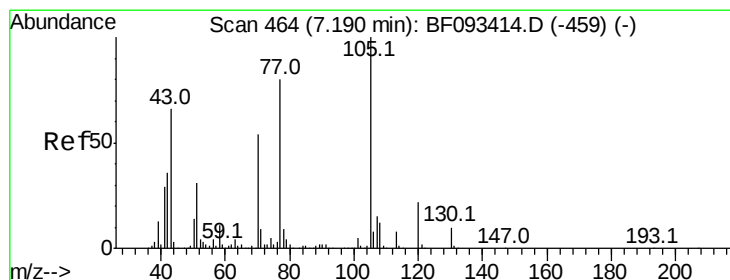
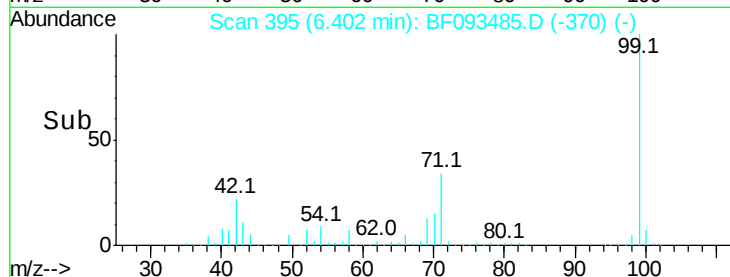
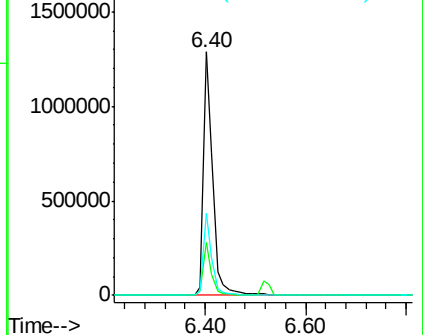
71 33.8 27.5 41.3



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: 5.03 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Tgt Ion: 70 Resp: 151008

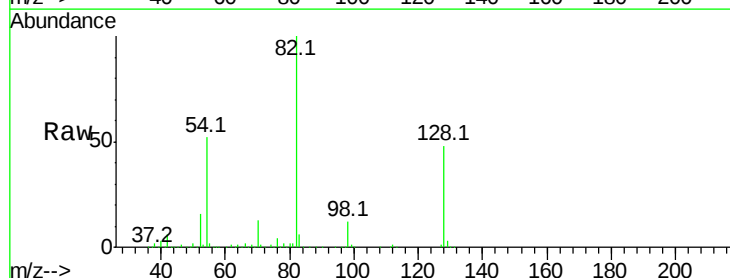
Ion Ratio Lower Upper

70 100

42 46.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

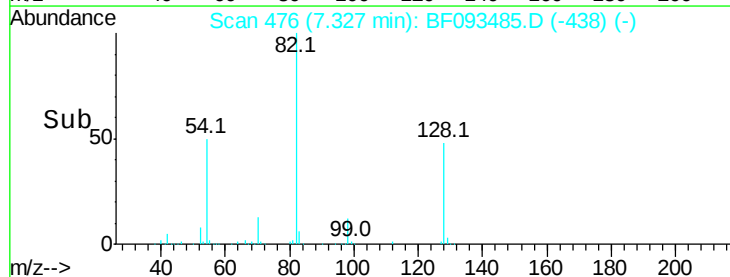
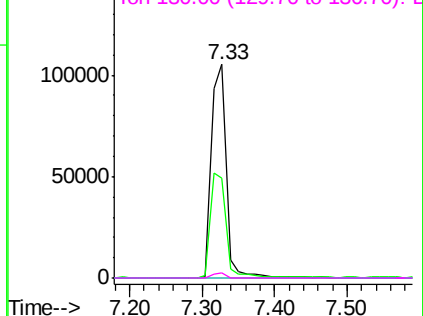


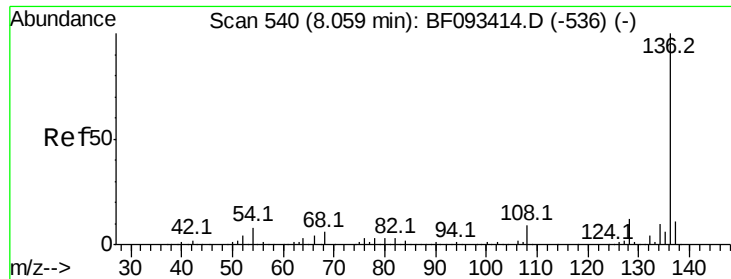
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

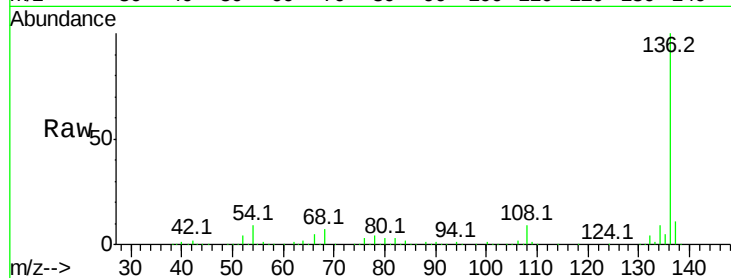




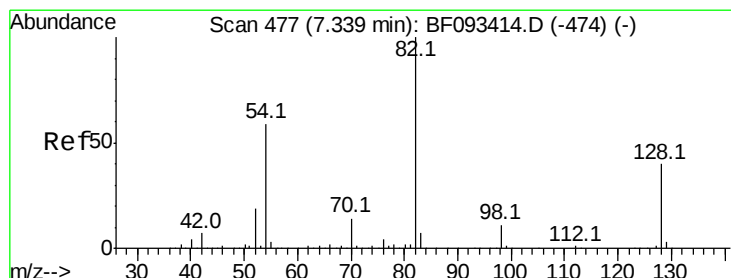
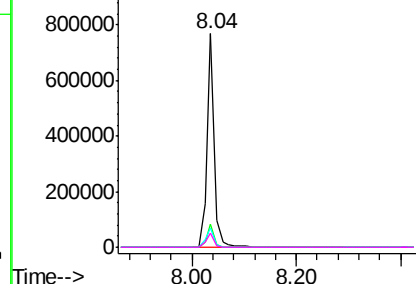
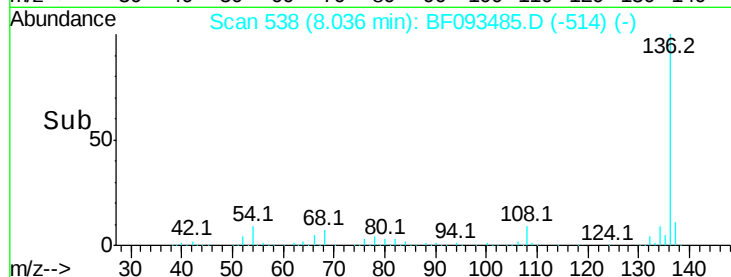
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093485.D
Acq: 9 Mar 2017 19:49

Instrument :
BNA_F
ClientSampleId :
PB97463TB

Tot Ion:	136	Resp:	734075
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	6.8	3.6	5.4#

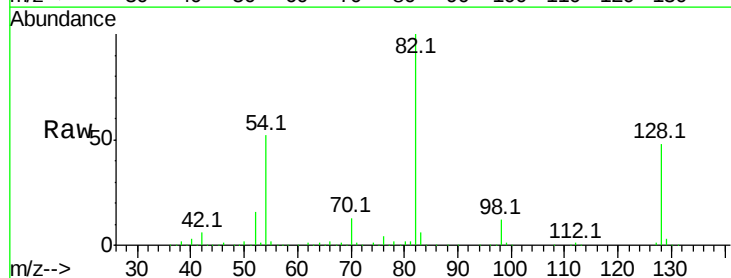


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

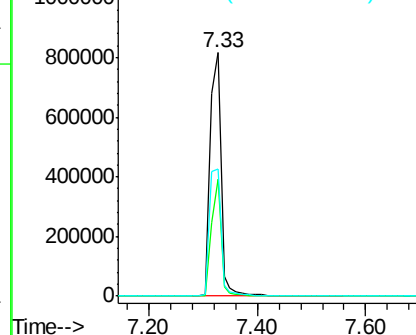
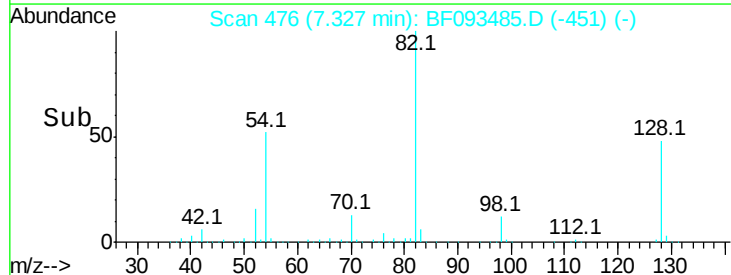


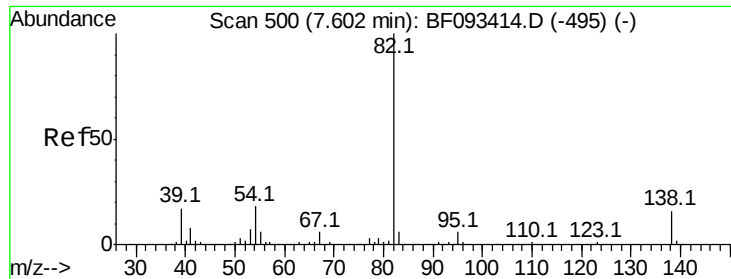
#23
Nitrobenzene-d5
Concen: 85.66 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093485.D
Acq: 9 Mar 2017 19:49

Tgt Ion:	82	Resp:	1133305
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	52.0
54	52.0	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: 42.07 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB97463TB

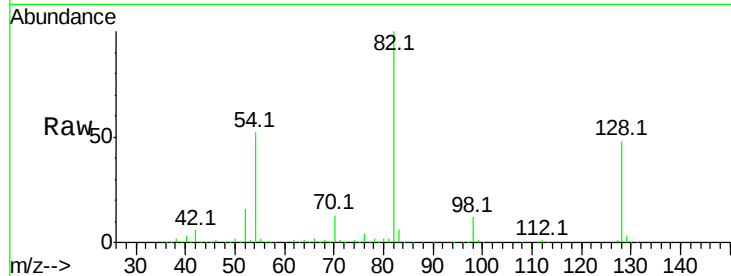
Tot Ion: 82 Resp: 1122277

Ion Ratio Lower Upper

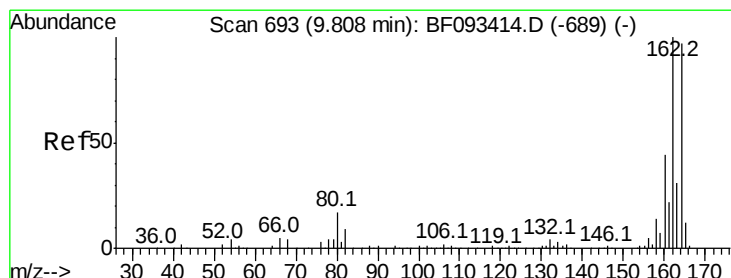
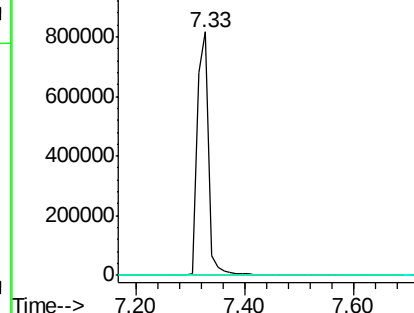
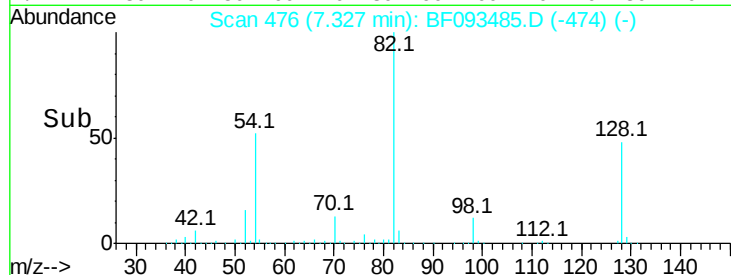
82 100

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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

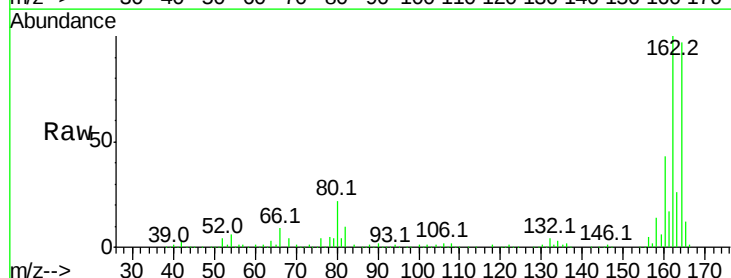
Tgt Ion:164 Resp: 359652

Ion Ratio Lower Upper

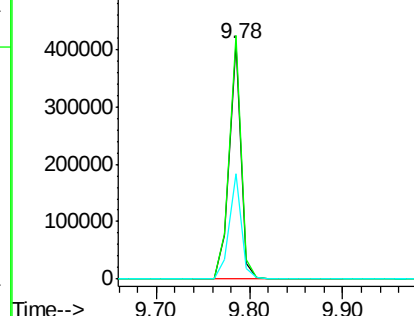
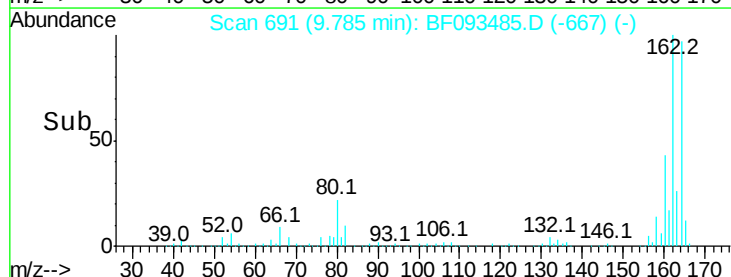
164 100

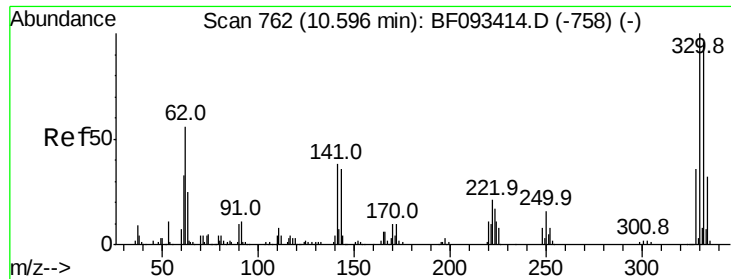
162 103.2 80.2 120.2

160 44.6 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

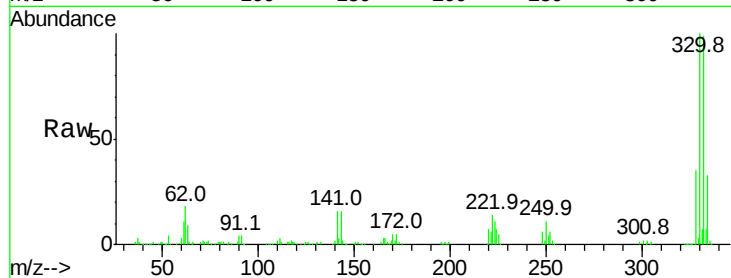




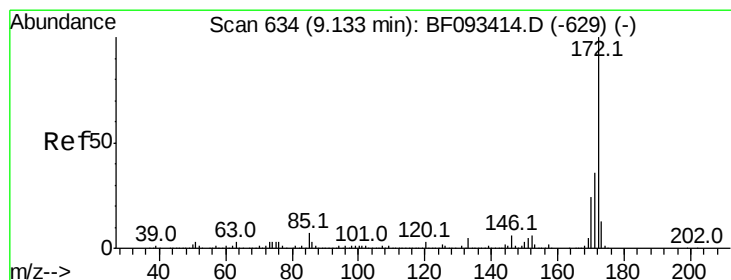
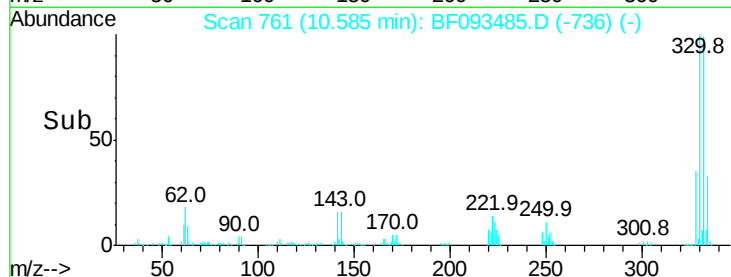
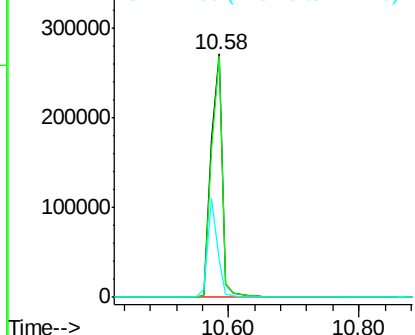
#41
 2,4,6-Tribromophenol
 Concen: 140.52 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093485.D
 Acq: 9 Mar 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97463TB

Tot Ion:330 Resp: 329270
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 35.6 34.1 51.1

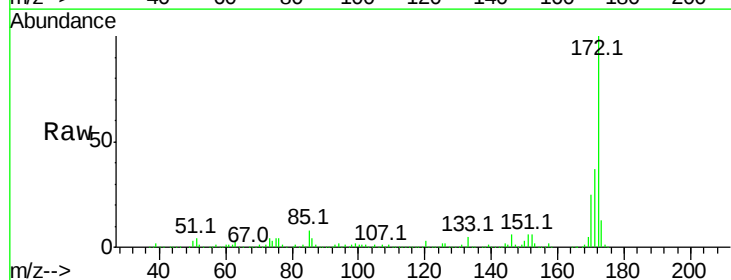


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

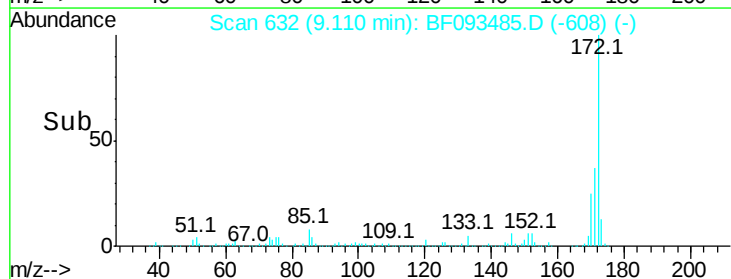
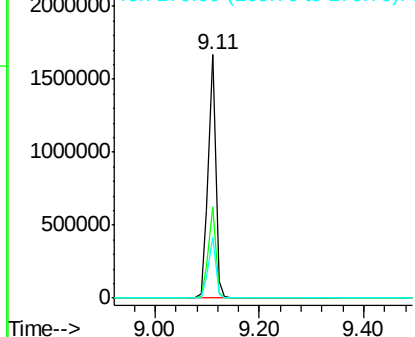


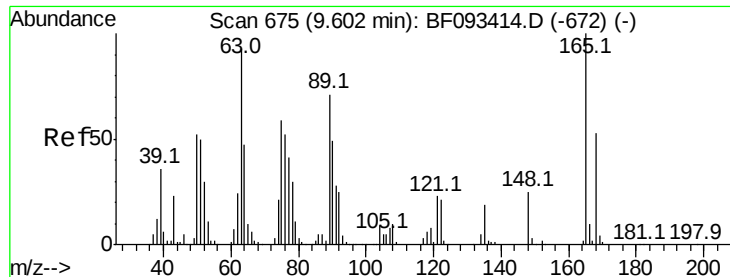
#44
 2-Fluorobiphenyl
 Concen: 87.04 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093485.D
 Acq: 9 Mar 2017 19:49

Tgt Ion:172 Resp: 1683051
 Ion Ratio Lower Upper
 172 100
 171 37.3 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





#50

2,6-Dinitrotoluene

Concen: 8.60 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.18 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB97463TB

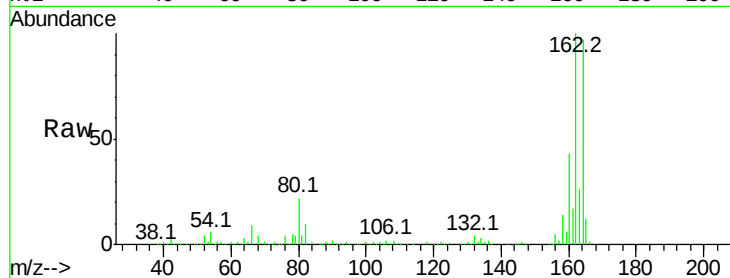
Tot Ion:165 Resp: 44993

Ion Ratio Lower Upper

165 100

63 1.9 36.2 54.4#

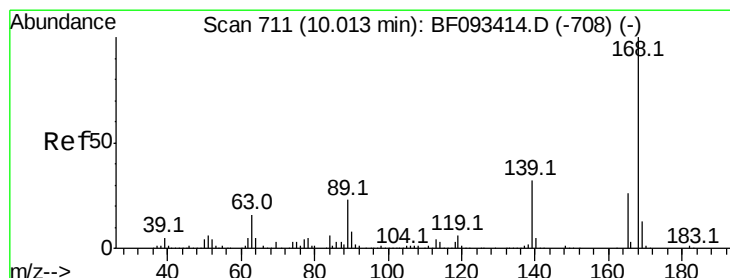
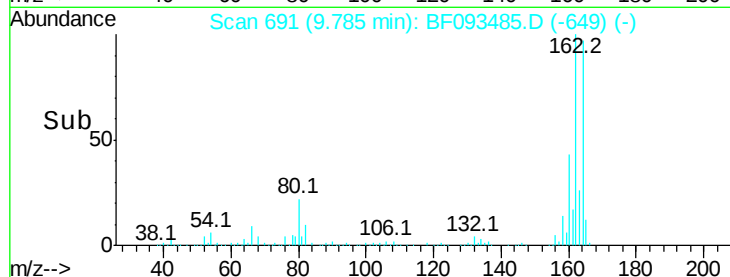
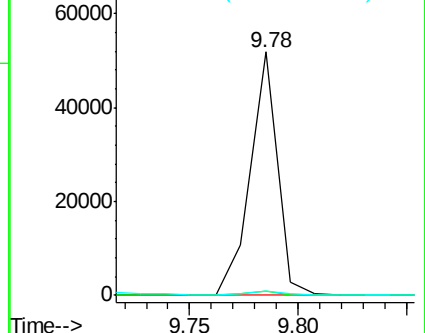
89 2.0 40.2 60.4#



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: 7.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.23 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Tgt Ion:165 Resp: 44995

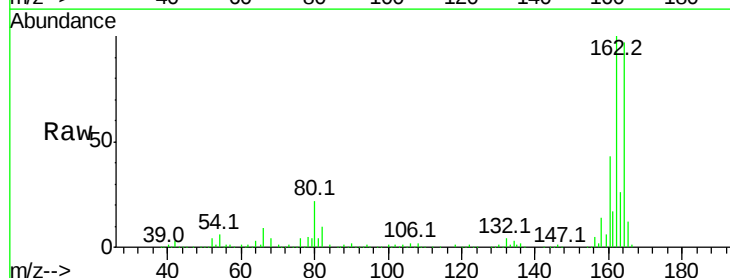
Ion Ratio Lower Upper

165 100

63 1.9 40.2 60.4#

89 2.0 62.5 93.7#

182 0.0 1.8 2.8#

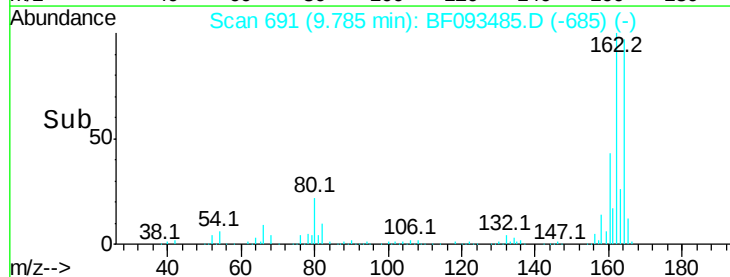
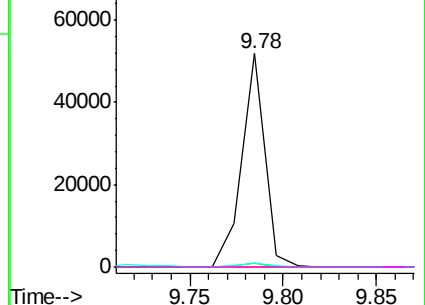


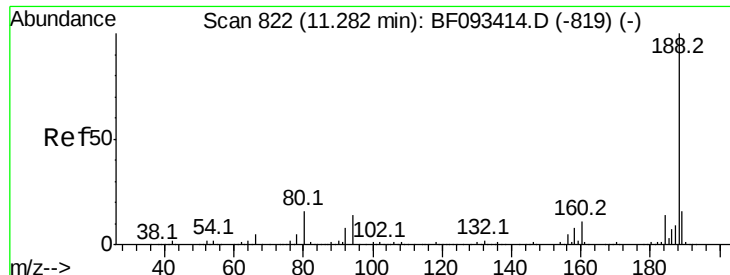
Abundance Ion 165.00 (164.70 to 165.70): E

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

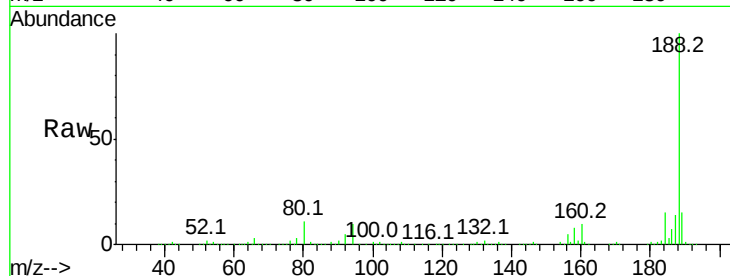




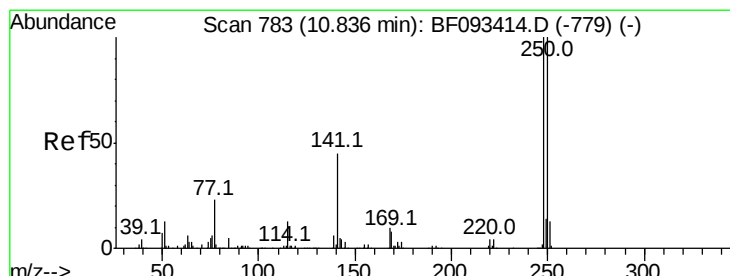
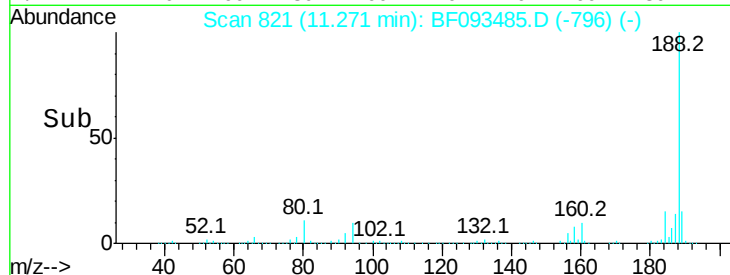
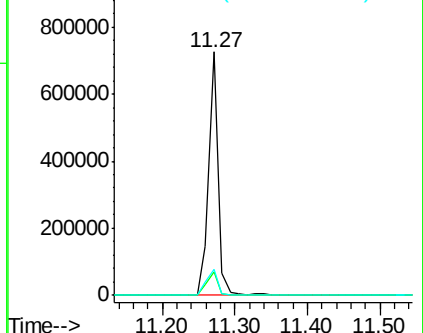
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093485.D
 Acq: 9 Mar 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97463TB

Tot Ion:188 Resp: 662950
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.7 11.2 16.8#

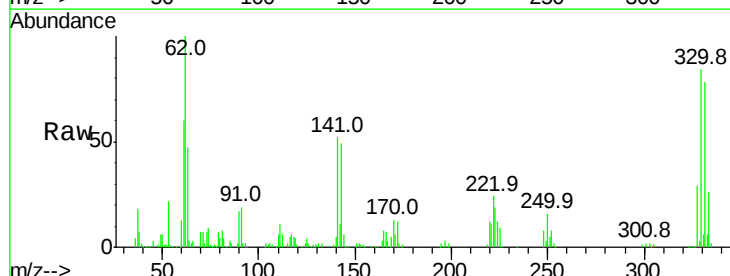


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

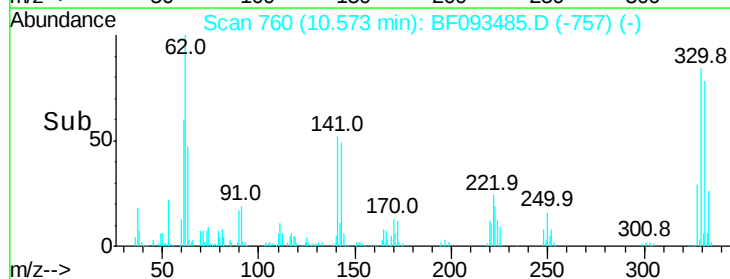
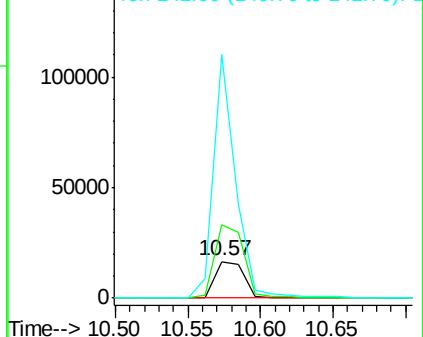


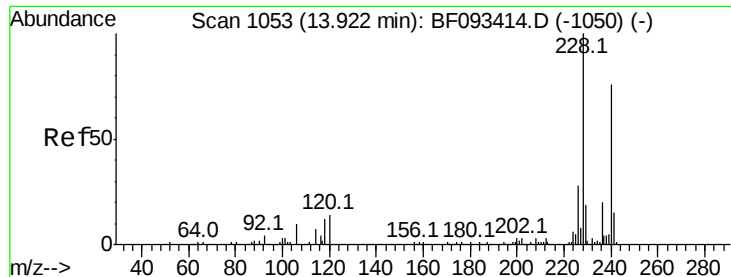
#66
 4-Bromophenyl-phenylether
 Concen: 3.29 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093485.D
 Acq: 9 Mar 2017 19:49

Tgt Ion:248 Resp: 23037
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 664.5 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 150000 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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB97463TB

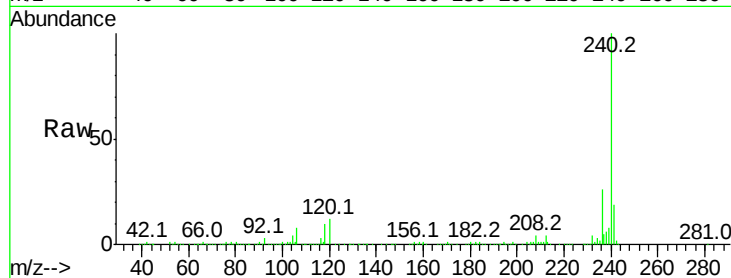
Tot Ion:240 Resp: 629645

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

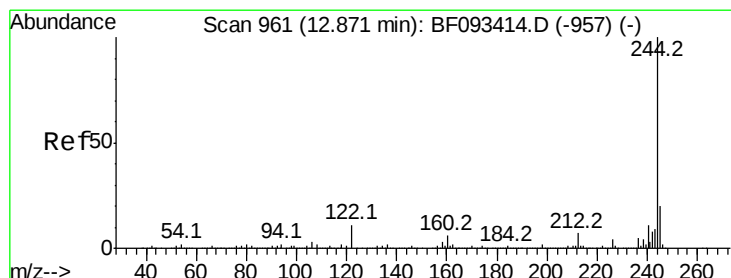
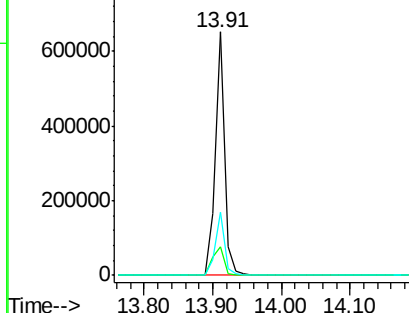
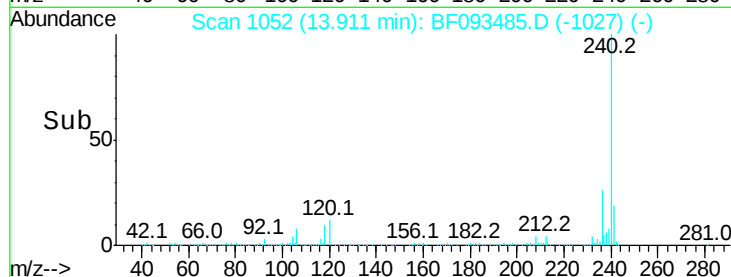
236 25.8 20.9 31.3



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: 68.81 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093485.D

Acq: 9 Mar 2017 19:49

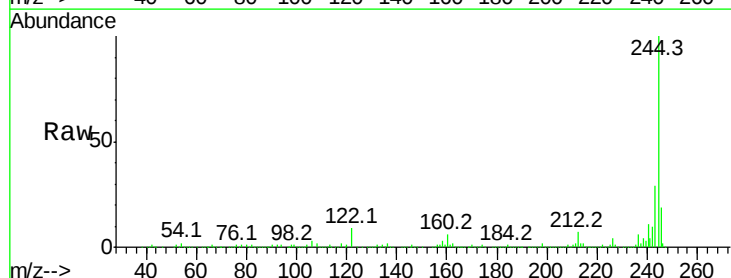
Tgt Ion:244 Resp: 1666427

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

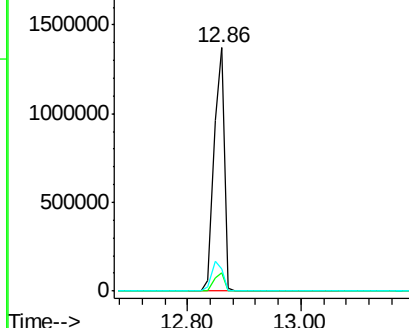
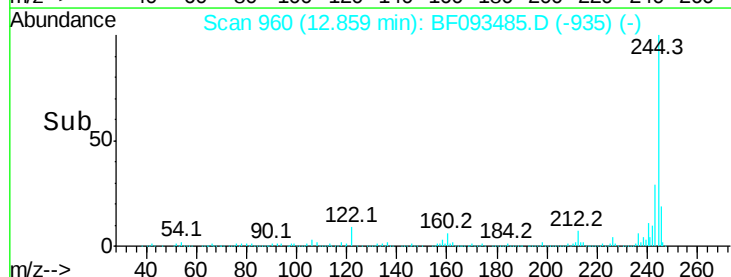
122 9.1 11.4 17.2#

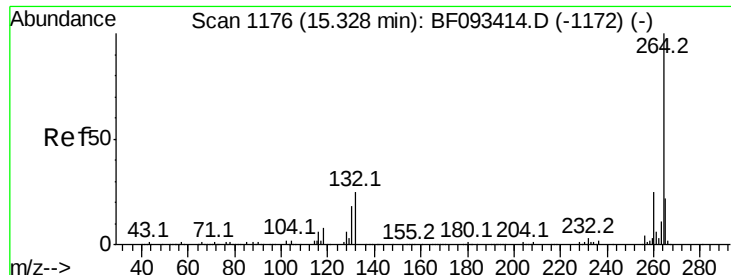


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093485.D
Acq: 9 Mar 2017 19:49

Instrument :
BNA_F
ClientSampleId :
PB97463TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.5	17.4	26.0

