

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093775.D
 Acq On : 20 Mar 2017 20:20
 Operator : SJ/MA
 Sample : I2304-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

Quant Time: Mar 21 01:05:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

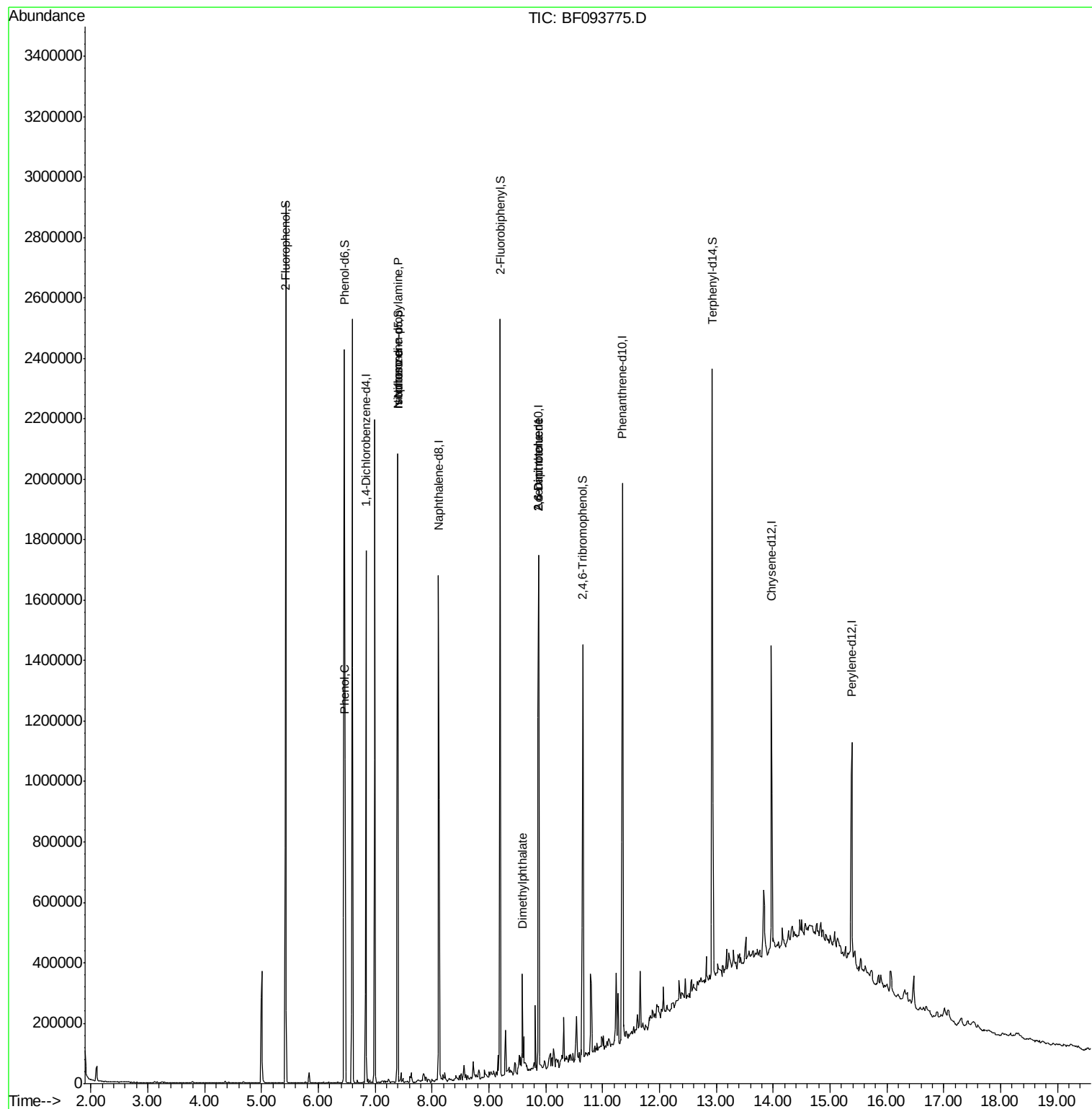
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	247482	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	909613	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	425966	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	710719	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	407463	20.00	ng	-0.03
86) Perylene-d12	15.39	264	383097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	795618	56.22	ng	-0.01
7) Phenol-d6	6.46	99	984243	56.28	ng	-0.02
23) Nitrobenzene-d5	7.40	82	687365	42.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	142088	43.07	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1040996	41.09	ng	-0.01
78) Terphenyl-d14	12.93	244	609036	30.47	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.47	94	63388	3.22	ng	87
19) n-Nitroso-di-n-propylamine	7.40	70	91589	7.99	ng	# 78
25) Isophorone	7.40	82	678665	23.89	ng	# 67
49) Dimethylphthalate	9.59	163	117807	3.89	ng	99
50) 2,6-Dinitrotoluene	9.88	165	56727	8.52	ng	# 34
56) 2,4-Dinitrotoluene	9.88	165	56727	6.71	ng	# 33

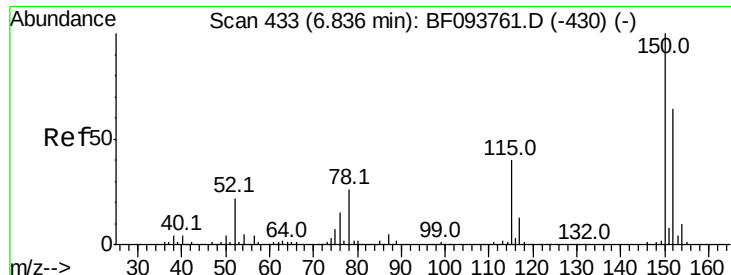
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

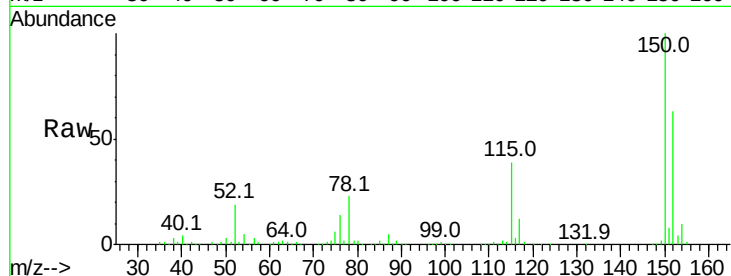
Tot Ion:152 Resp: 247482

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

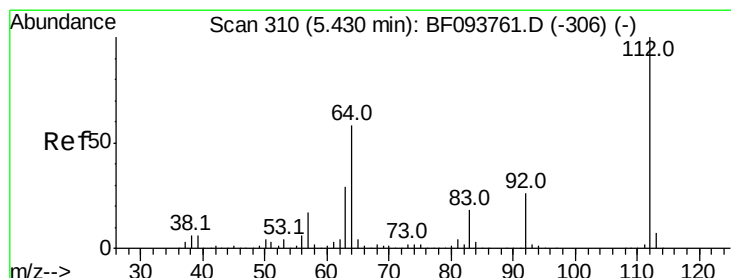
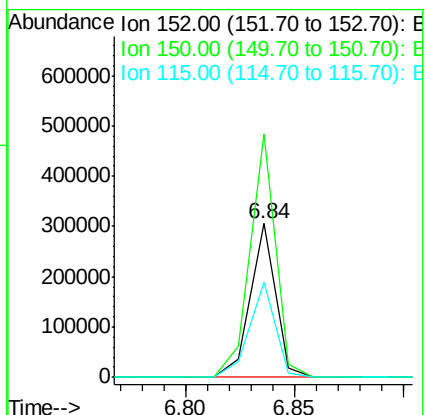
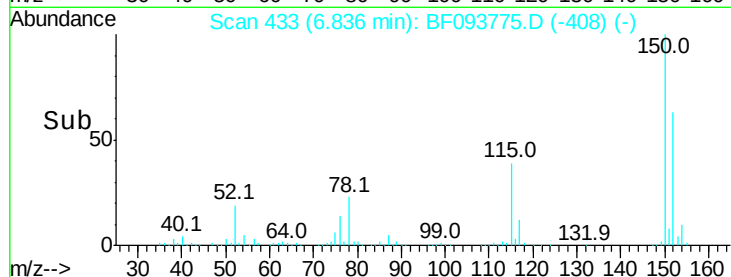
115 61.9 52.2 78.2



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: 56.22 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

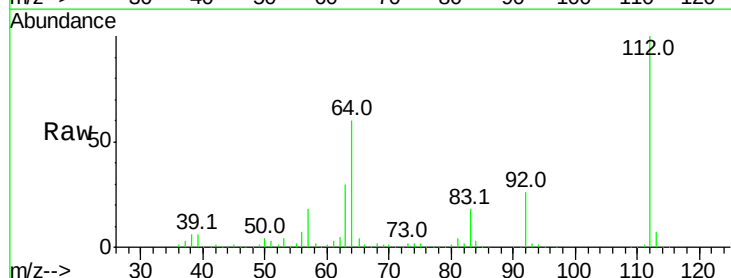
Tgt Ion:112 Resp: 795618

Ion Ratio Lower Upper

112 100

64 59.8 46.0 69.0

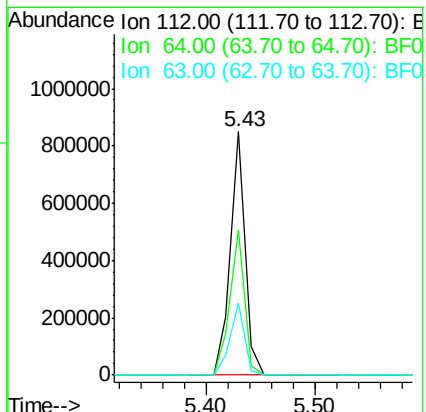
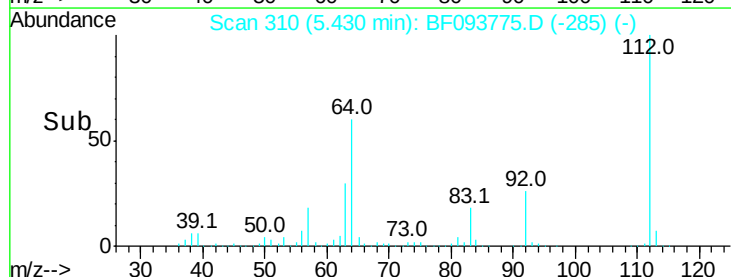
63 29.6 23.4 35.0

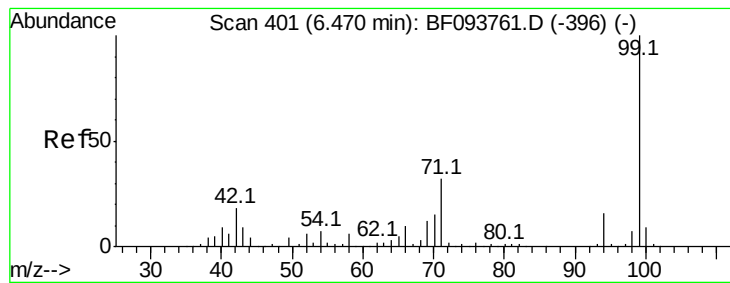


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.28 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

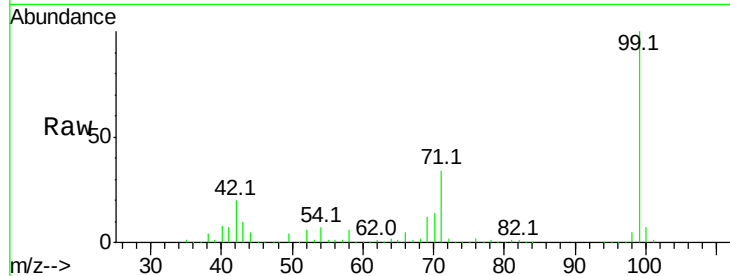
Tot Ion: 99 Resp: 984243

Ion Ratio Lower Upper

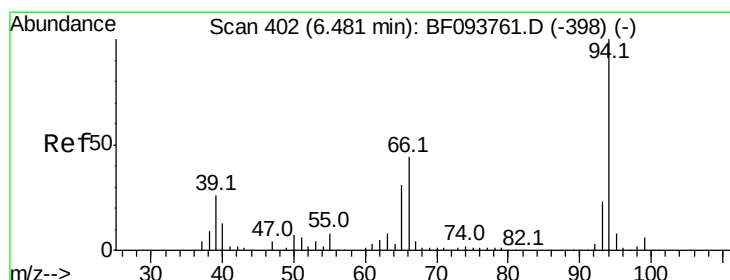
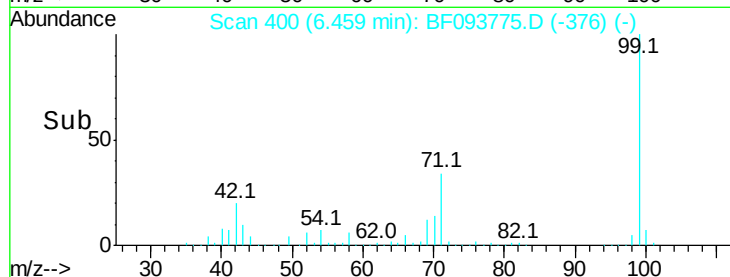
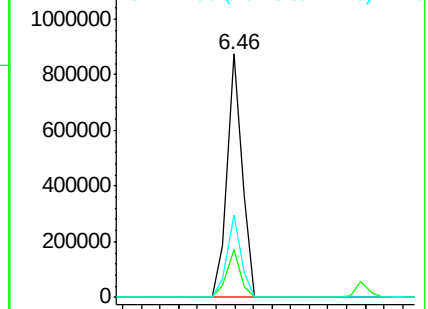
99 100

42 19.7 13.5 20.3

71 33.6 24.5 36.7



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: 3.22 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

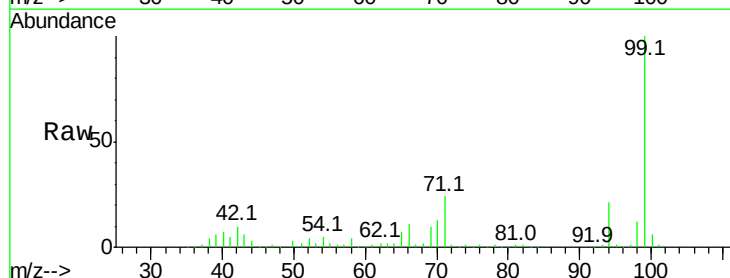
Tgt Ion: 94 Resp: 63388

Ion Ratio Lower Upper

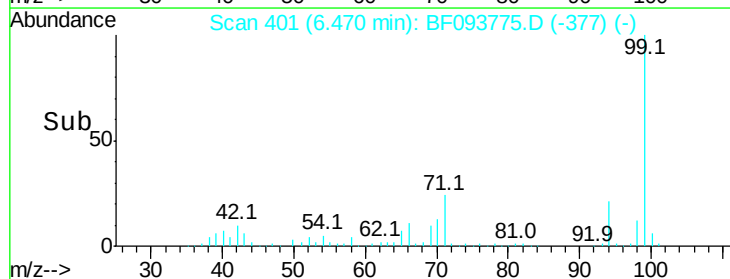
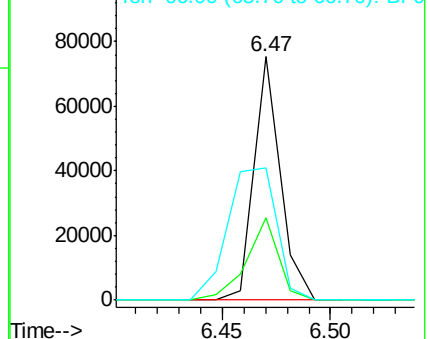
94 100

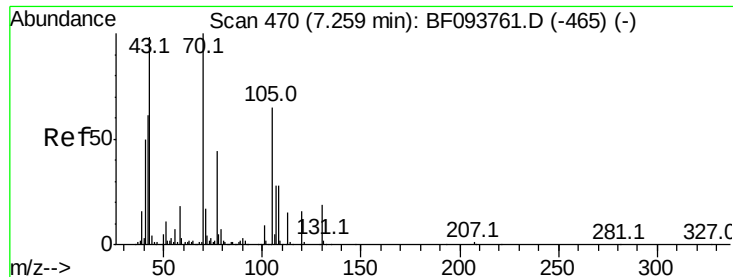
65 33.8 9.9 49.9

66 54.2 23.1 63.1



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

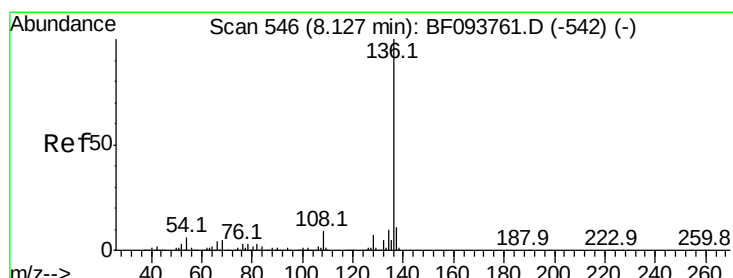
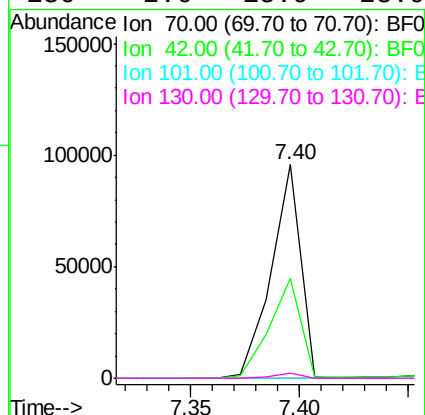
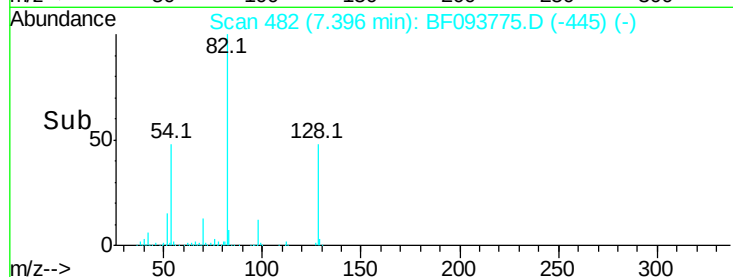
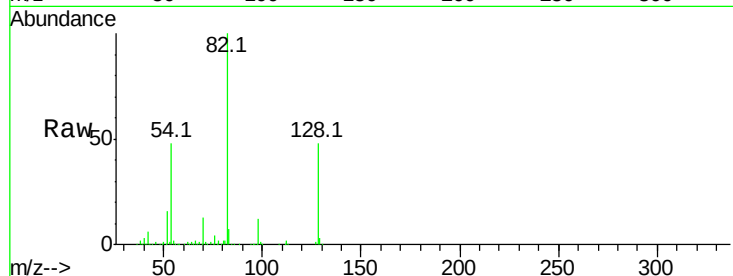




#19
n-Nitroso-di-n-propylamine
Concen: 7.99 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.13 min
Lab File: BF093775.D
Acq: 20 Mar 2017 20:20

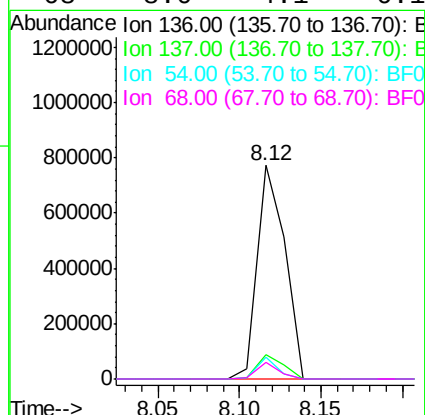
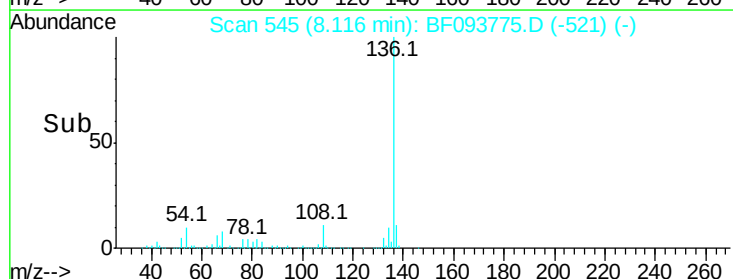
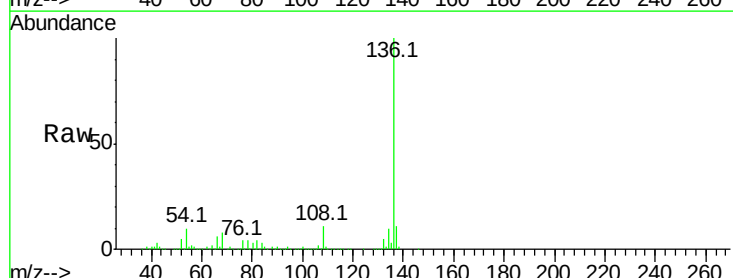
Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

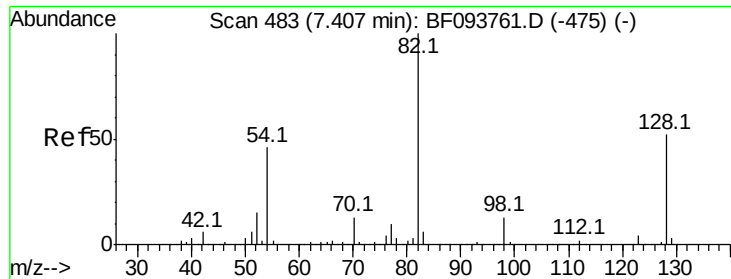
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.8	47.2	70.8#	
101	0.0	7.2	10.8#	
130	2.6	15.9	23.9#	



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093775.D
Acq: 20 Mar 2017 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	10.0	4.9	7.3#	
68	8.0	4.1	6.1#	

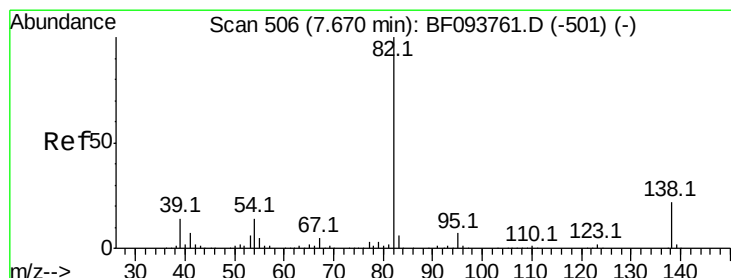
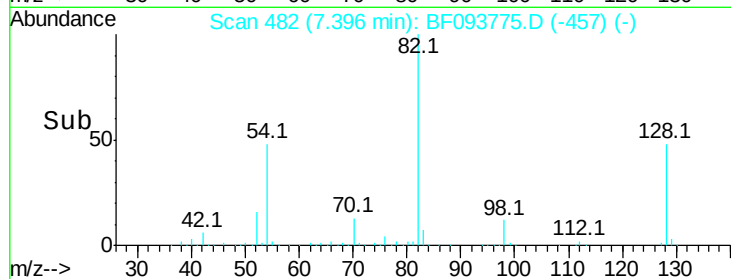
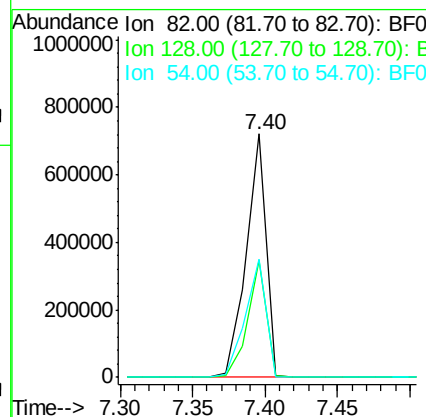
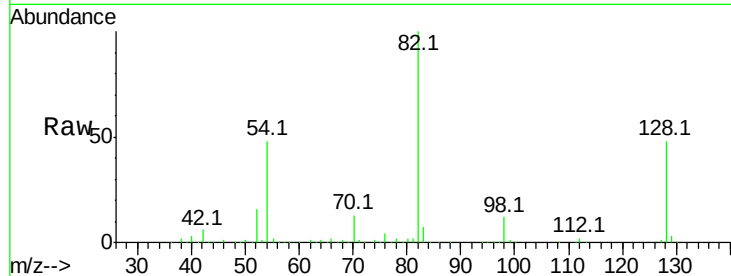




#23
 Nitrobenzene-d5
 Concen: 42.87 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: BF093775.D
 Acq: 20 Mar 2017 20:20

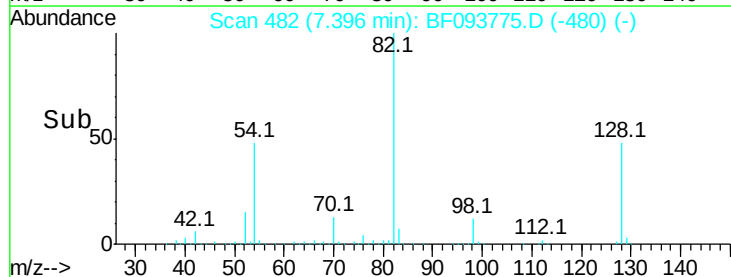
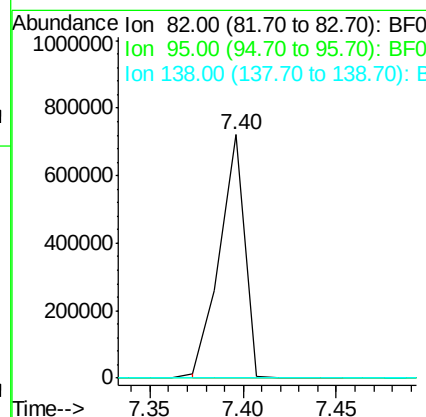
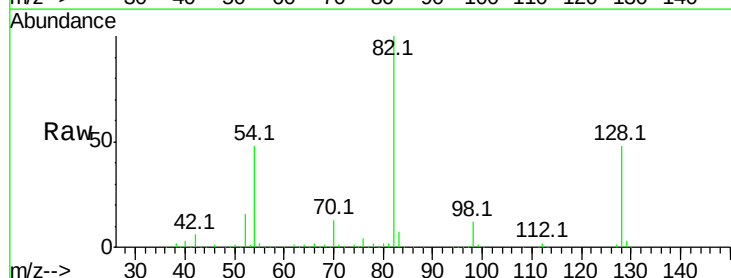
Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

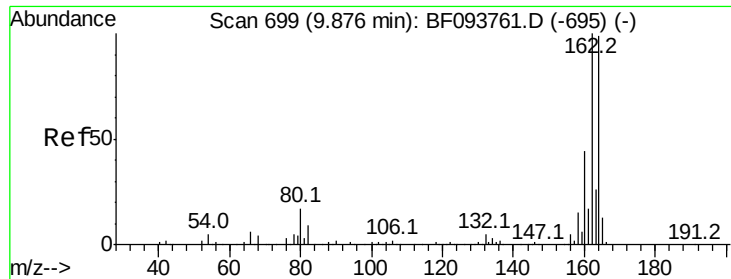
Tot Ion: 82 Resp: 687365
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 48.3 42.2 63.2



#25
 Isophorone
 Concen: 23.89 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.27 min
 Lab File: BF093775.D
 Acq: 20 Mar 2017 20:20

Tgt Ion: 82 Resp: 678665
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

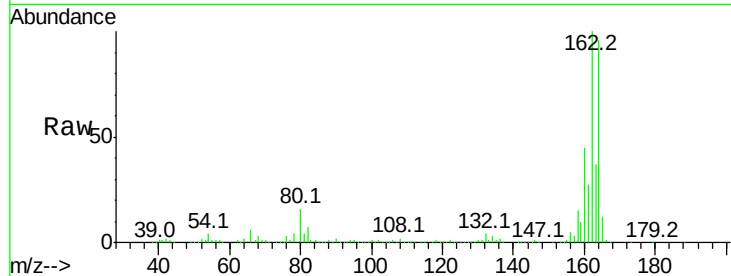
Tot Ion:164 Resp: 425966

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

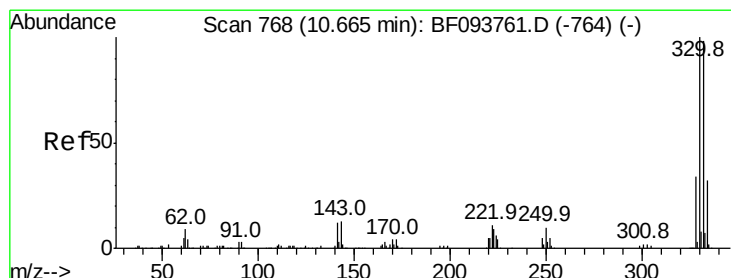
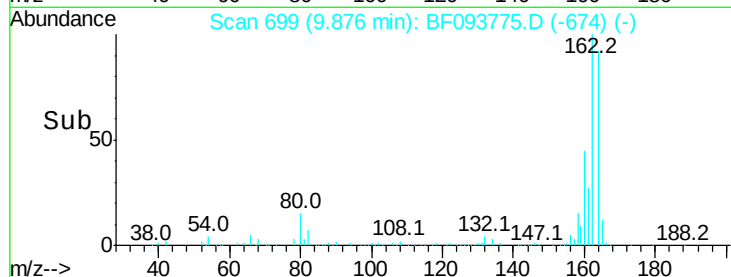
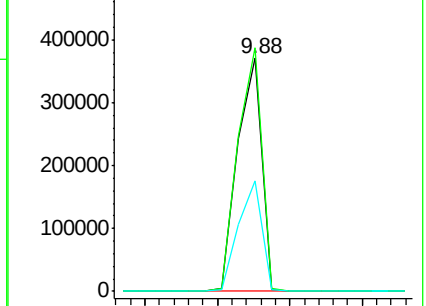
160 47.2 36.2 54.2



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: 43.07 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

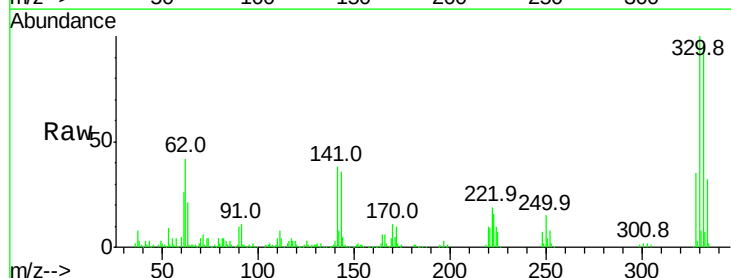
Tgt Ion:330 Resp: 142088

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

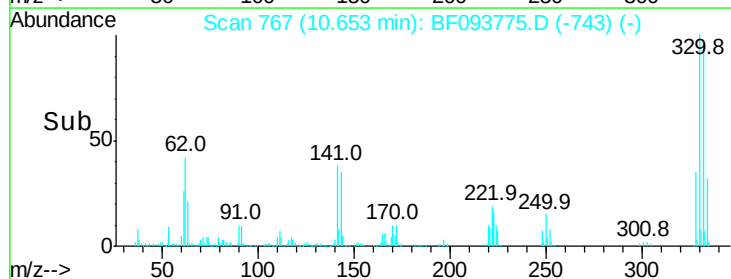
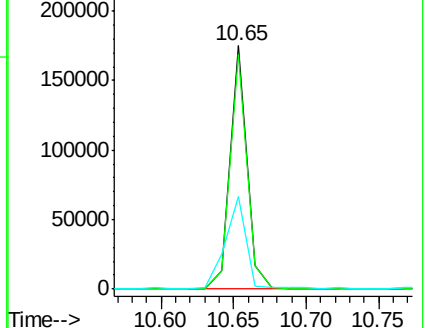
141 45.6 31.4 47.2

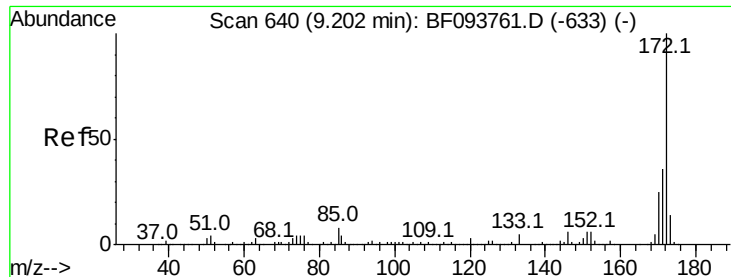


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

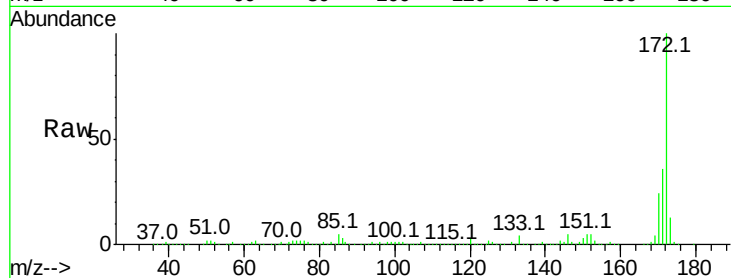




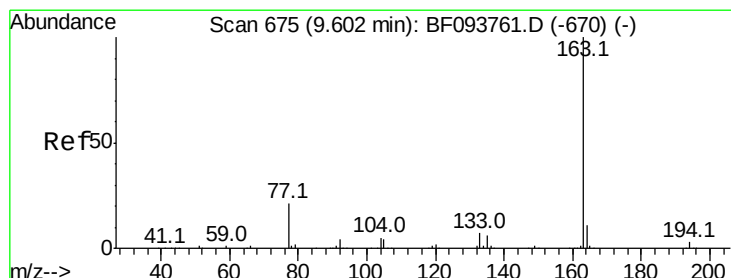
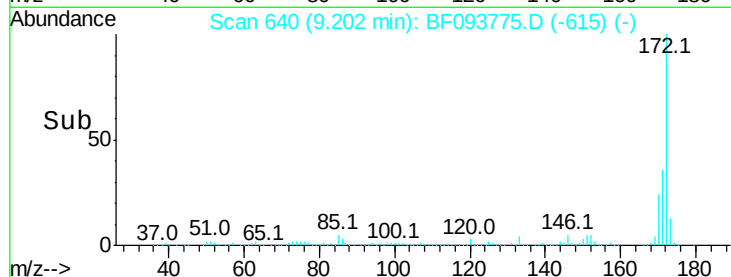
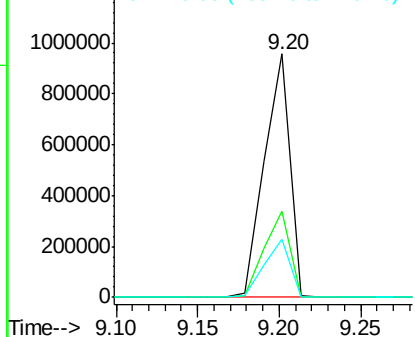
#44
2-Fluorobiphenyl
Concen: 41.09 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093775.D
Acq: 20 Mar 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

Tot Ion:172 Resp: 1040996
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.7 19.8 29.8

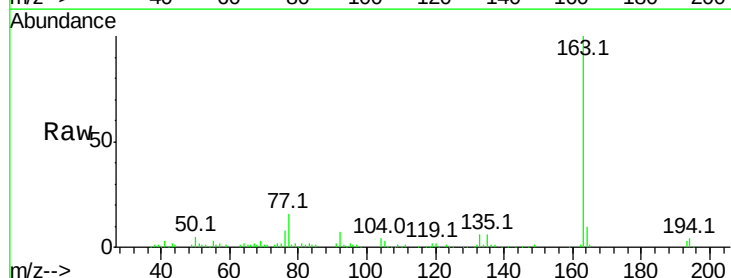


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

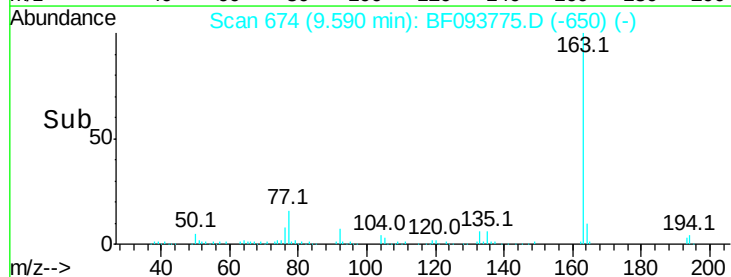
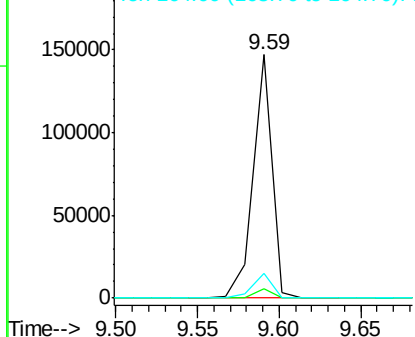


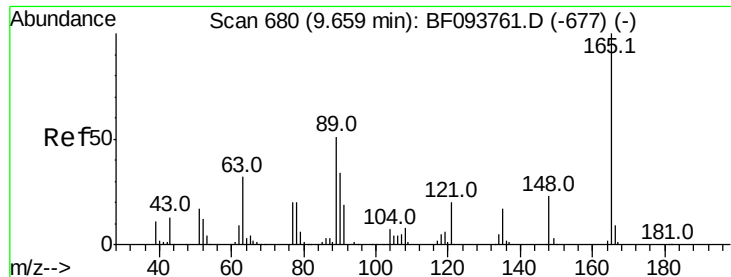
#49
Dimethylphthalate
Concen: 3.89 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF093775.D
Acq: 20 Mar 2017 20:20

Tgt Ion:163 Resp: 117807
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.2 8.4 12.6



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

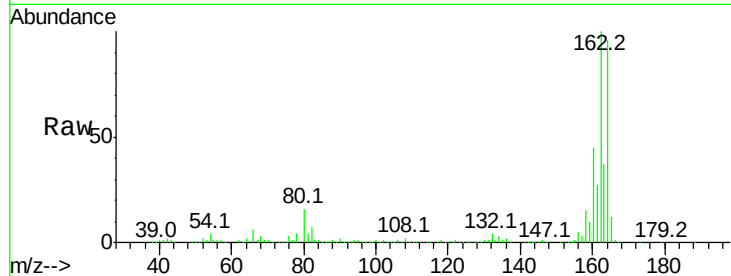




#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.21 min
 Lab File: BF093775.D
 Acq: 20 Mar 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

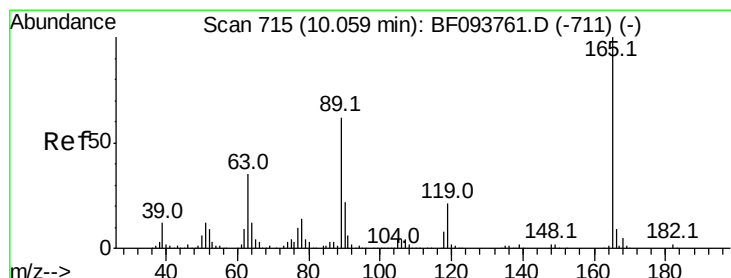
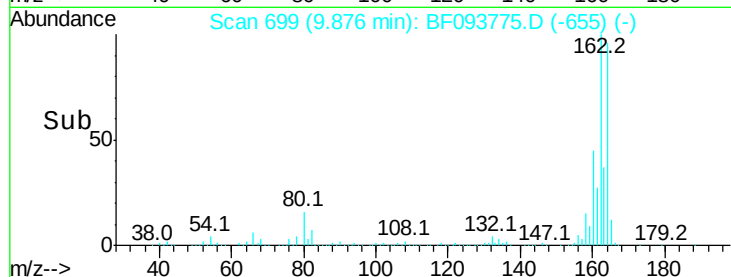
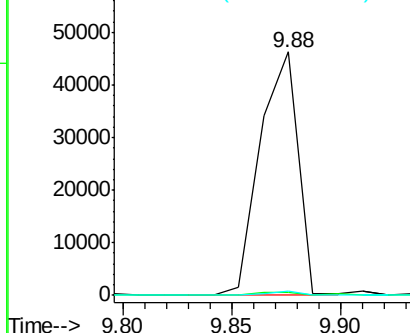
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.9	37.1	55.7#



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: 6.71 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.19 min
 Lab File: BF093775.D
 Acq: 20 Mar 2017 20:20

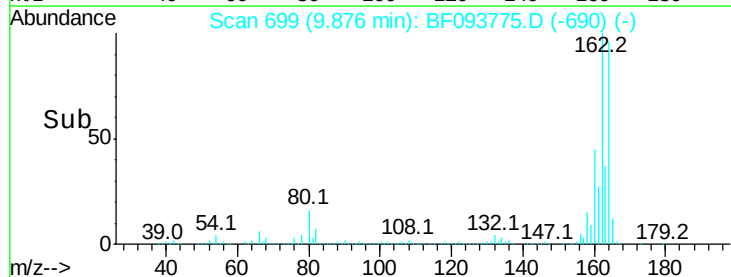
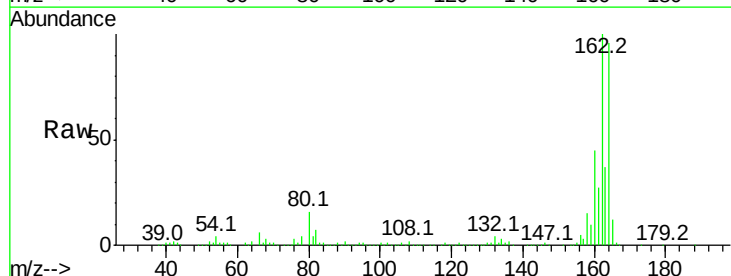
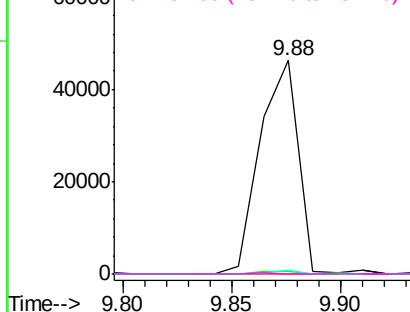
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

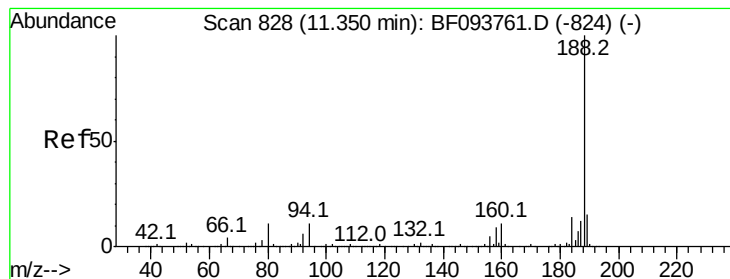
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

Instrument :

BNA_F

ClientSampled :

SP-A(0-5)B1

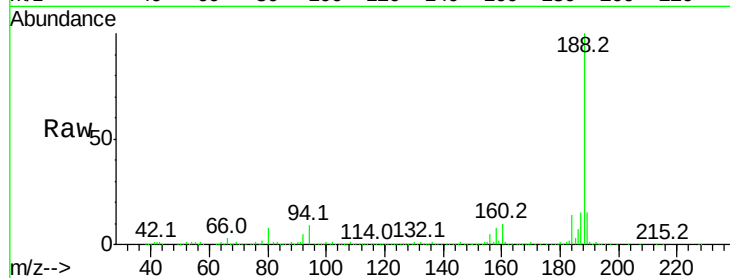
Tot Ion:188 Resp: 710719

Ion Ratio Lower Upper

188 100

94 8.6 9.4 14.2#

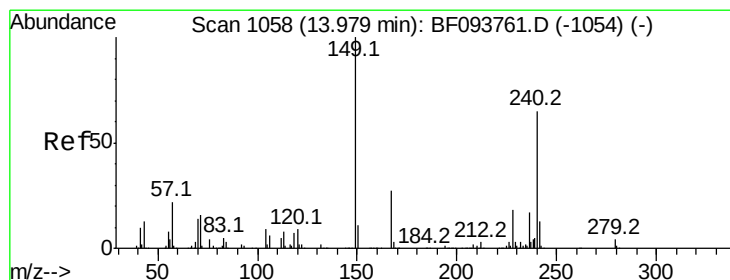
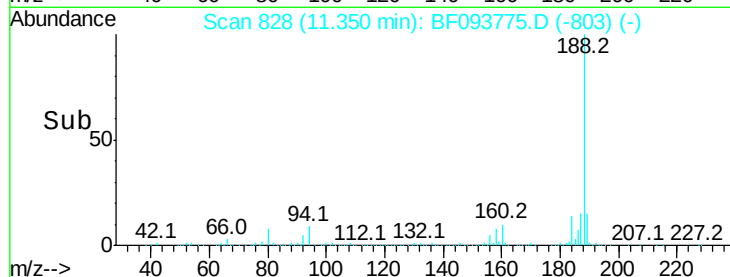
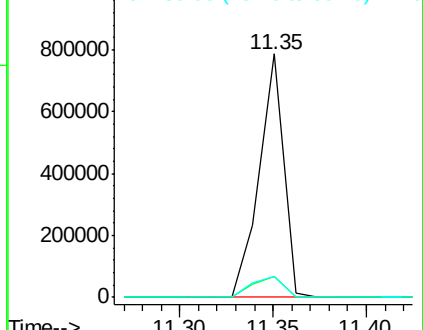
80 8.4 10.2 15.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

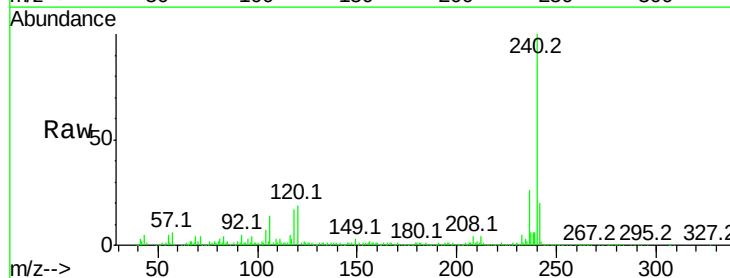
Tgt Ion:240 Resp: 407463

Ion Ratio Lower Upper

240 100

120 18.8 5.8 8.8#

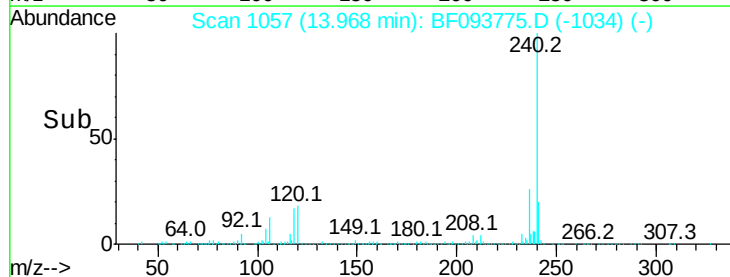
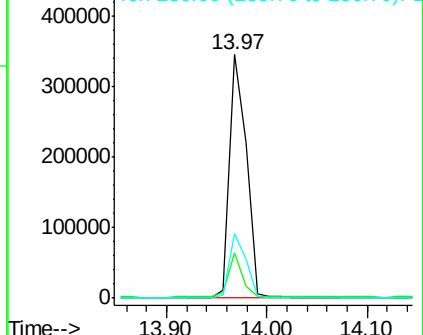
236 26.2 20.5 30.7

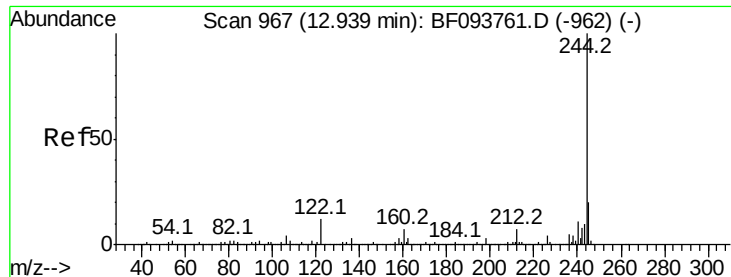


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.47 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

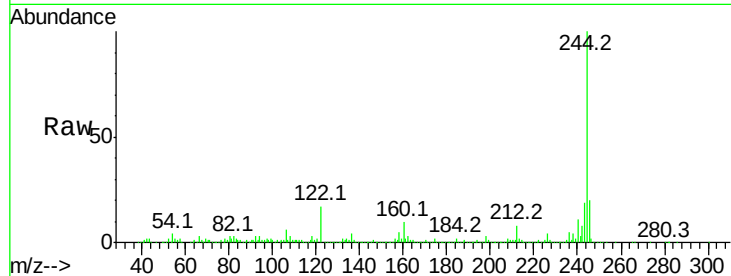
Tot Ion:244 Resp: 609036

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

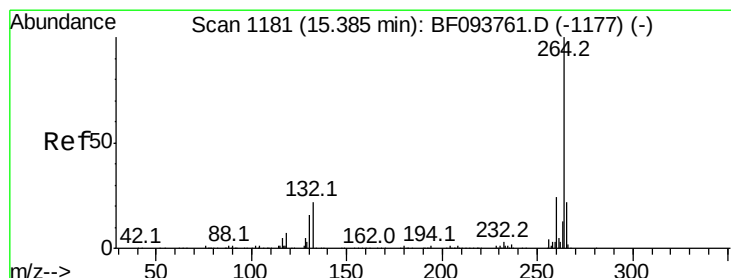
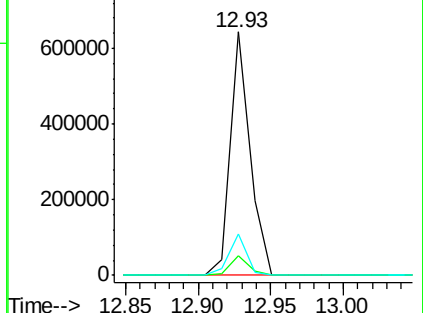
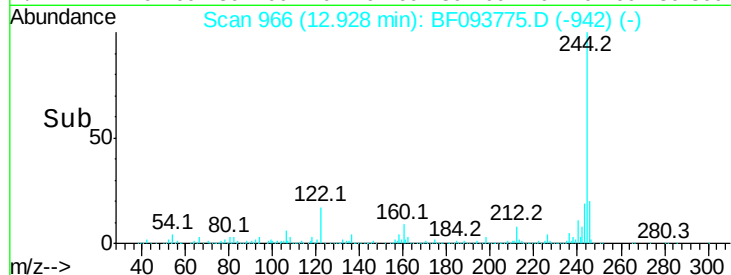
122 17.1 10.3 15.5#



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: 15.39 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF093775.D

Acq: 20 Mar 2017 20:20

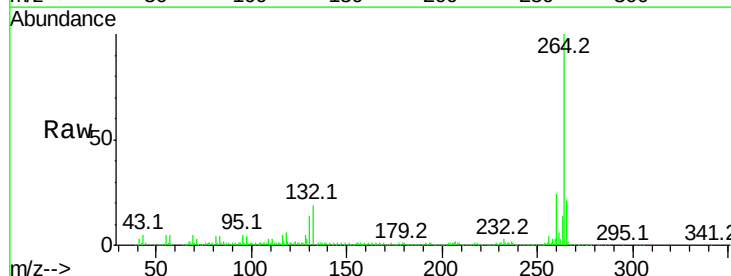
Tgt Ion:264 Resp: 383097

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.3 17.2 25.8



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

