

Data File : BF093116.D
Acq On : 23 Feb 2017 20:45
Operator : SJ/MA
Sample : I1954-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Quant Time: Feb 23 23:50:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158954	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	611629	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	292568	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	570801	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	509056	20.00	ng	-0.02
86) Perylene-d12	15.41	264	385047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1095093	118.20	ng	-0.01
7) Phenol-d6	6.48	99	1225429	102.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	868653	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	302308	142.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1478350	91.54	ng	-0.01
78) Terphenyl-d14	12.95	244	1271131	58.67	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	59689	4.28	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.41	70	111214	14.66	ng	# 77
25) Isophorone	7.41	82	840373	41.06	ng	# 65
49) Dimethylphthalate	9.60	163	120396	6.11	ng	100
56) 2,4-Dinitrotoluene	9.87	165	37086	6.55	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	697	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	20741	3.48	ng	# 1

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

Data File : BF093116.D

Acq On : 23 Feb 2017 20:45

Operator : SJ/MA

Sample : I1954-16

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

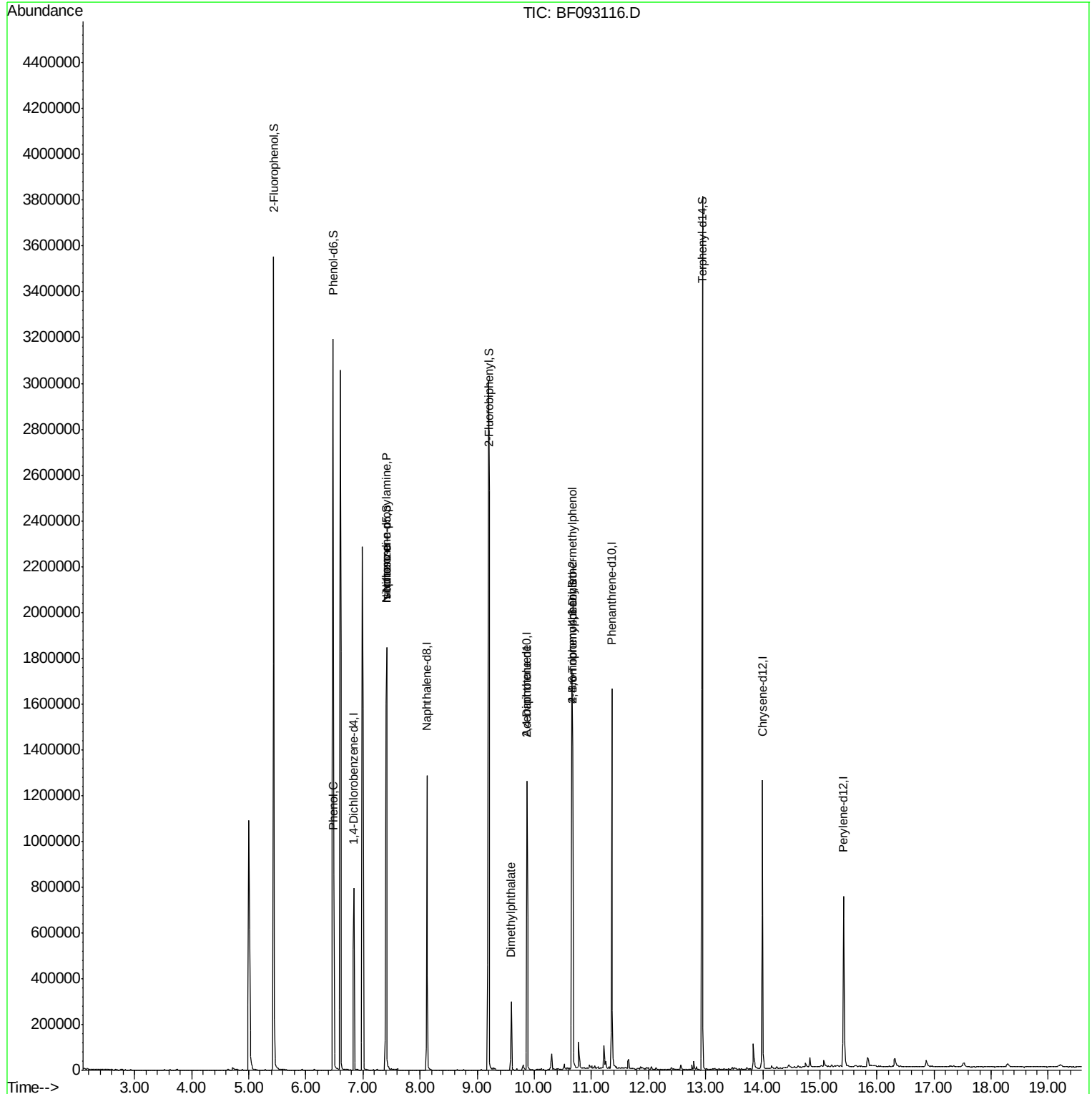
Quant Time: Feb 23 23:50:22 2017

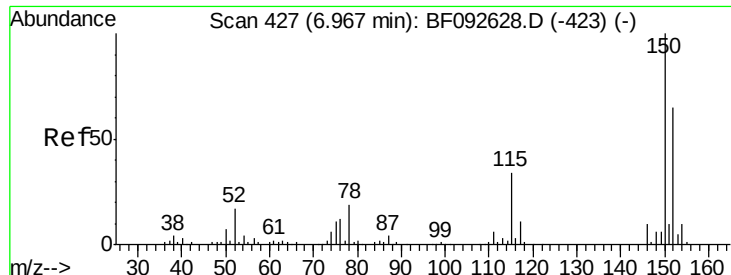
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

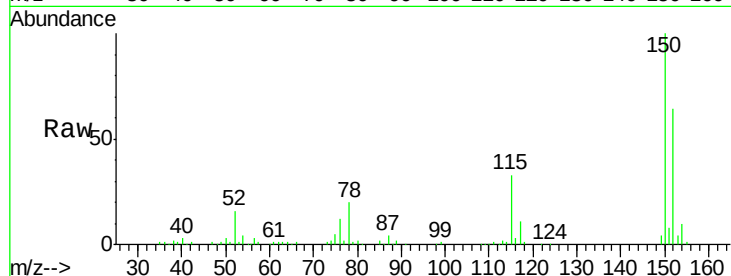
Tgt Ion:152 Resp: 158954

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

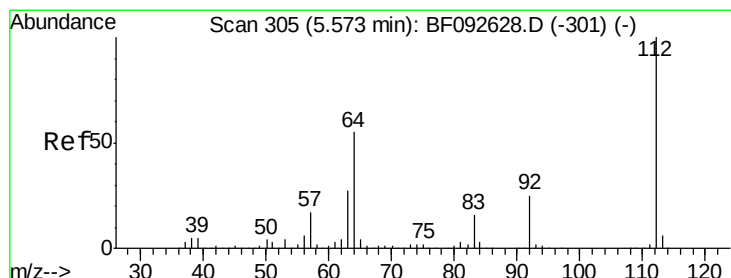
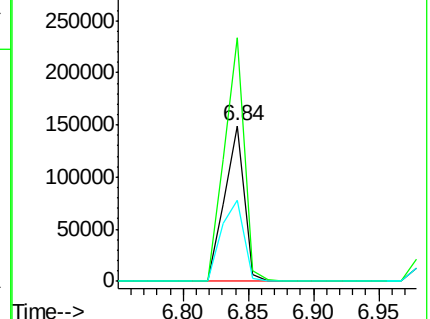
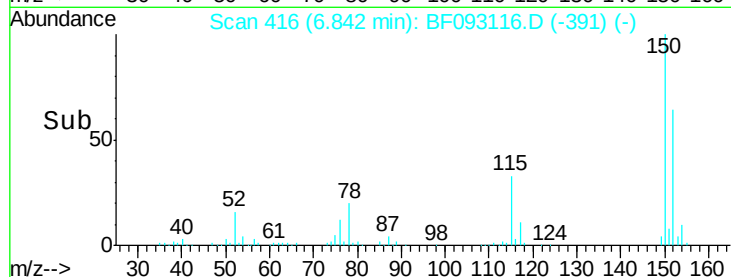
115 52.3 46.0 69.0



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: 118.20 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

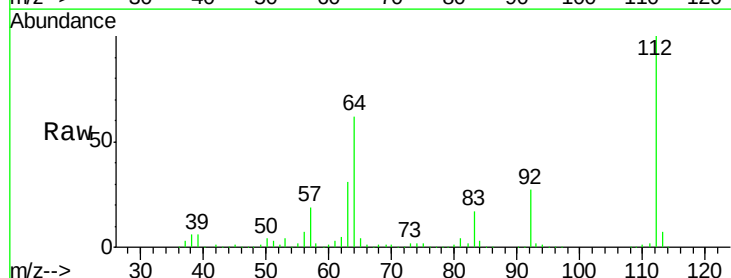
Tgt Ion:112 Resp: 1095093

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

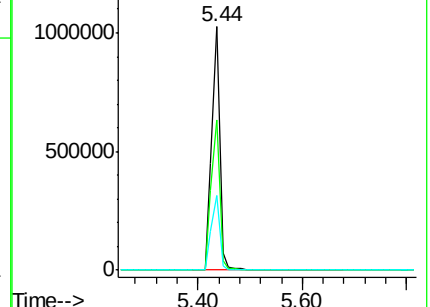
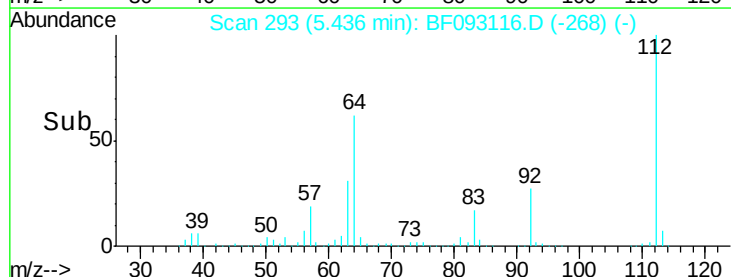
63 30.5 23.8 35.6

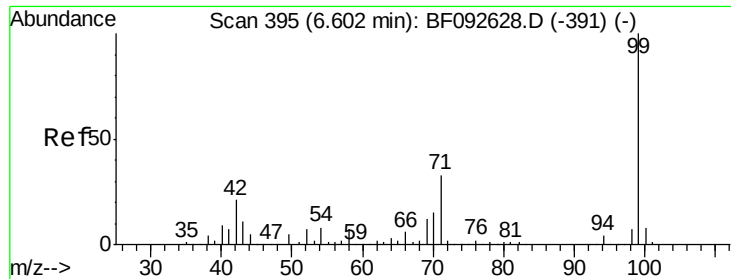


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

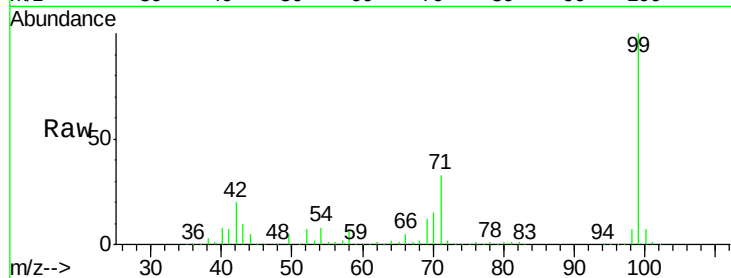
Tgt Ion: 99 Resp: 1225429

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

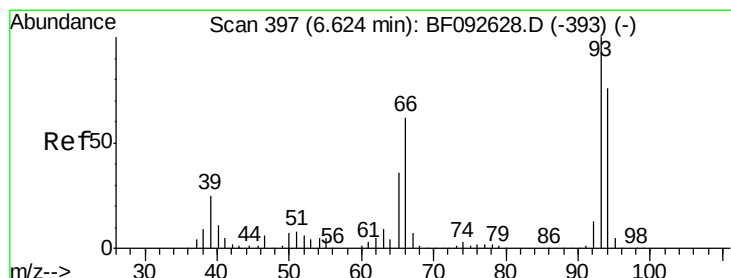
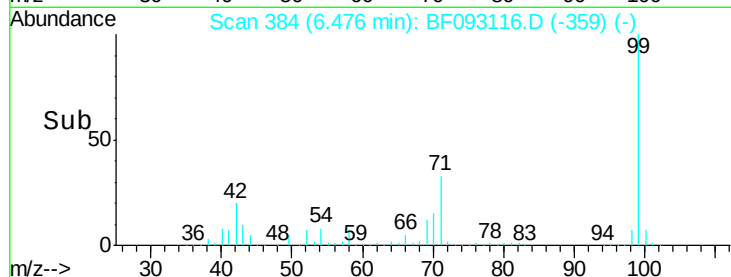
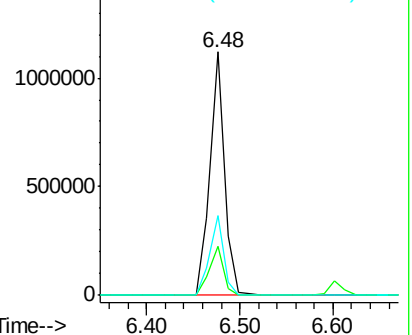
71 32.8 27.5 41.3



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



#10

Phenol

Concen: 4.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

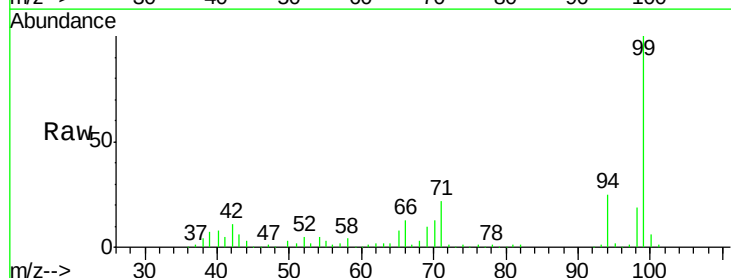
Tgt Ion: 94 Resp: 59689

Ion Ratio Lower Upper

94 100

65 31.2 21.4 61.4

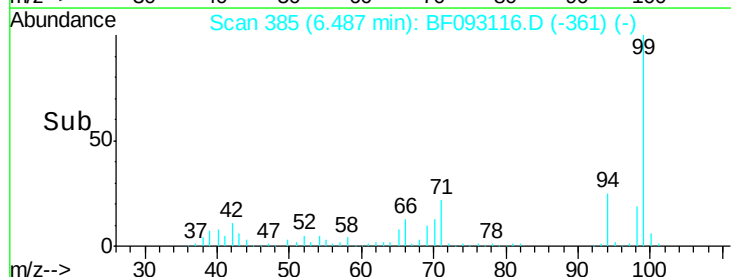
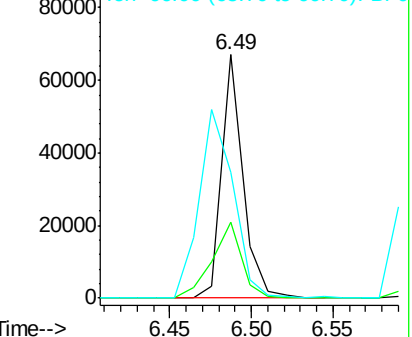
66 51.7 44.0 84.0

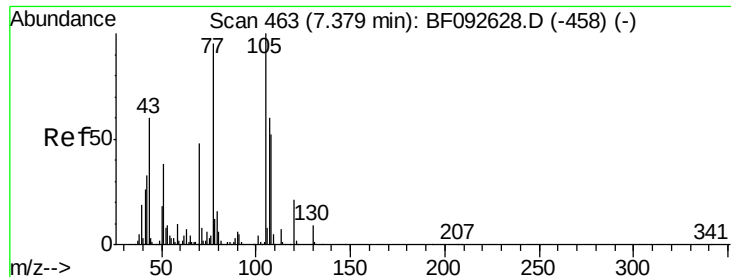


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

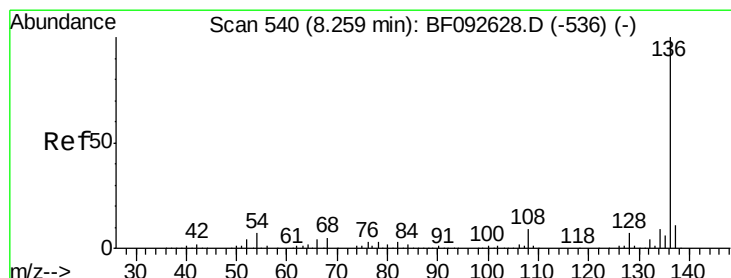
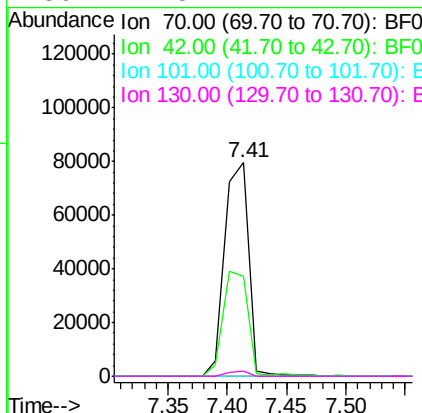
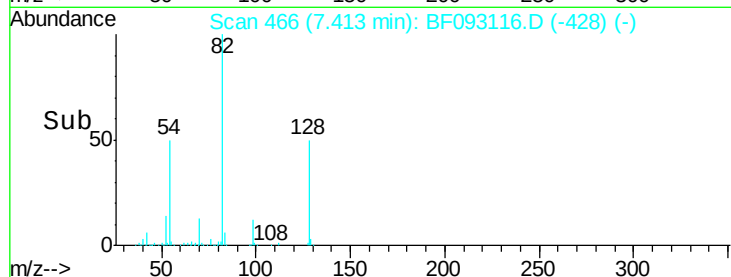
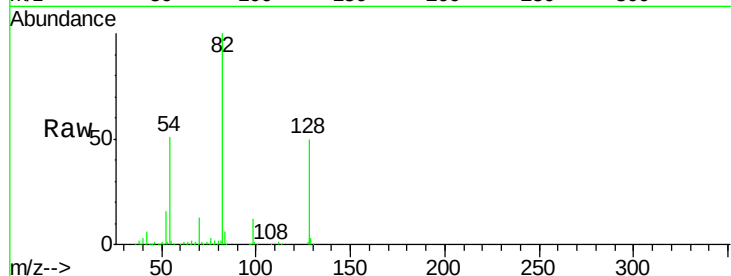




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

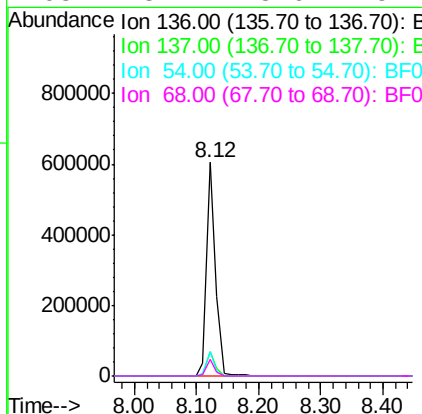
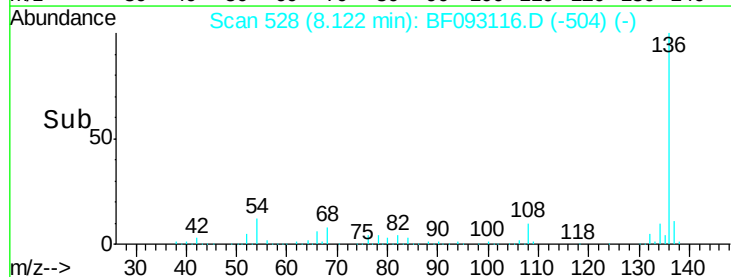
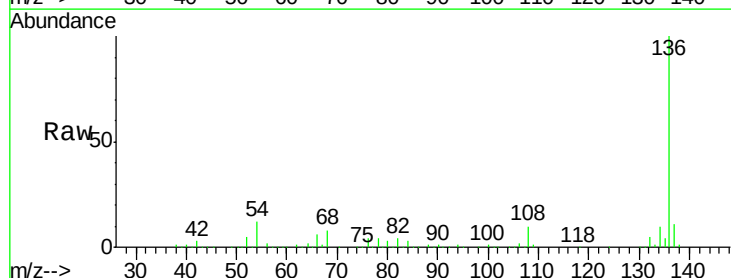
Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

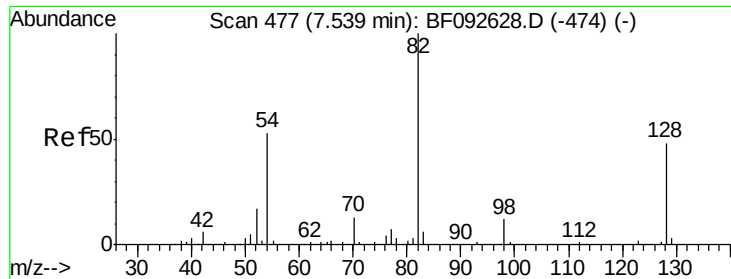
Tgt Ion: 70 Resp: 111214
Ion Ratio Lower Upper
70 100
42 46.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion: 136 Resp: 611629
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.5 4.5 6.7#
68 8.1 3.6 5.4#

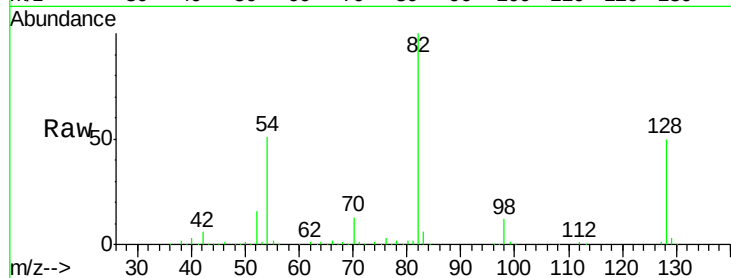




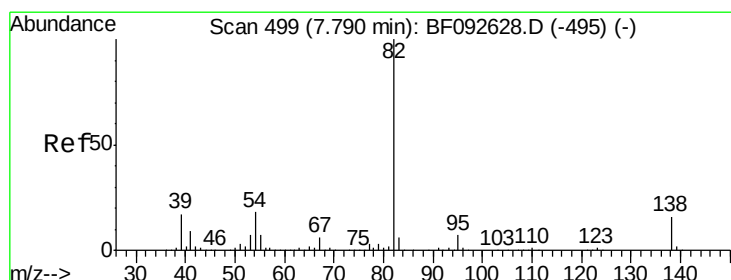
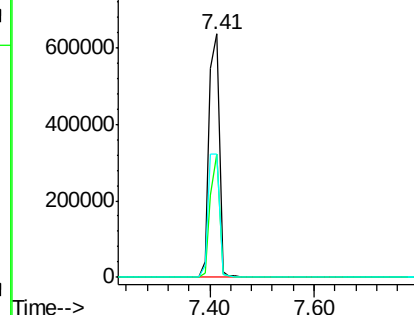
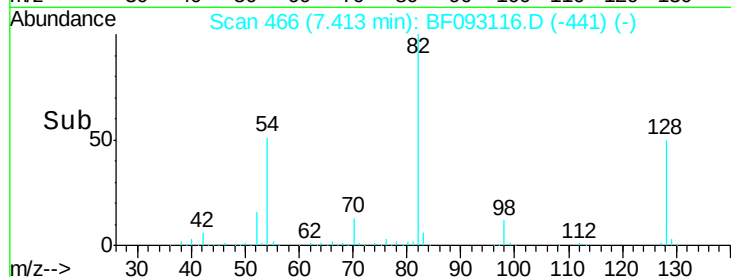
#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tgt Ion: 82 Resp: 868653
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.6 52.0
 54 50.6 39.5 59.3

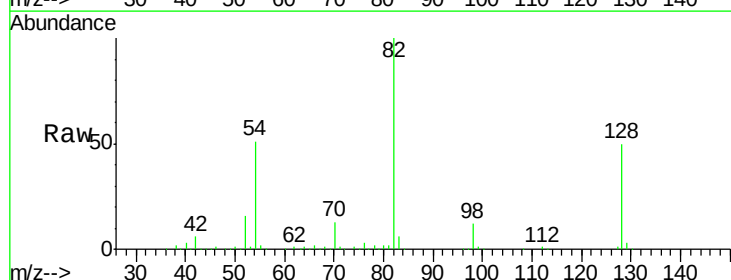


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

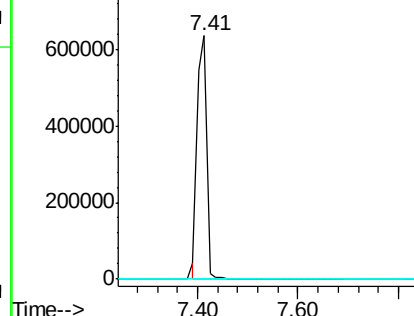
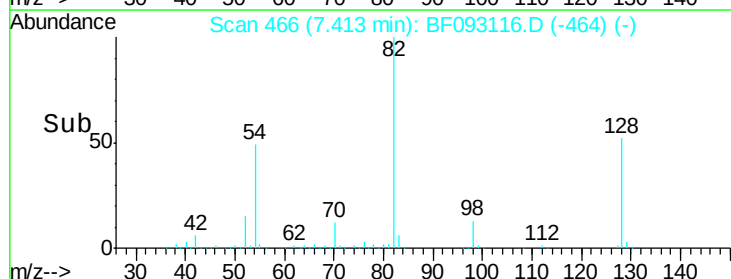


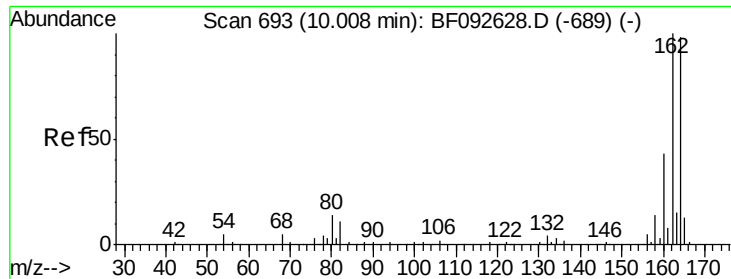
#25
 Isophorone
 Concen: 41.06 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Tgt Ion: 82 Resp: 840373
 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

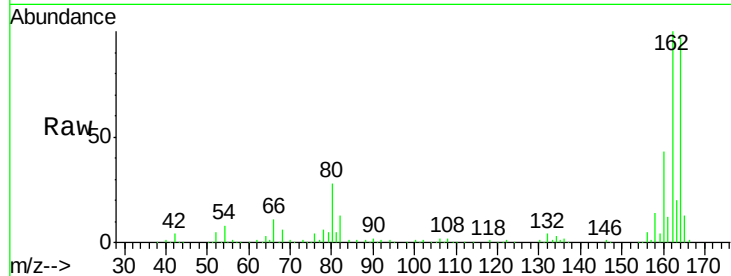




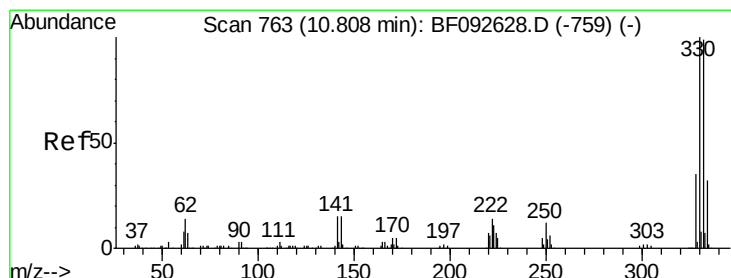
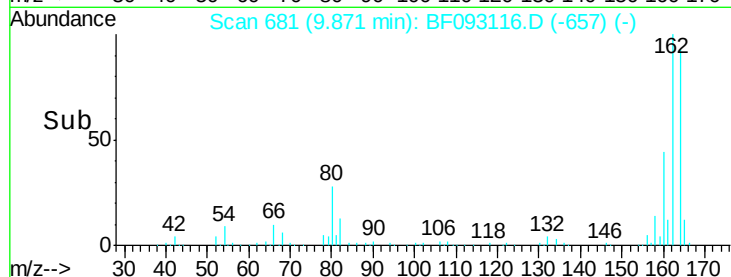
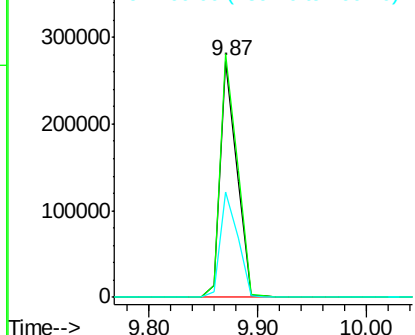
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tgt Ion:164 Resp: 292568
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 44.7 36.9 55.3

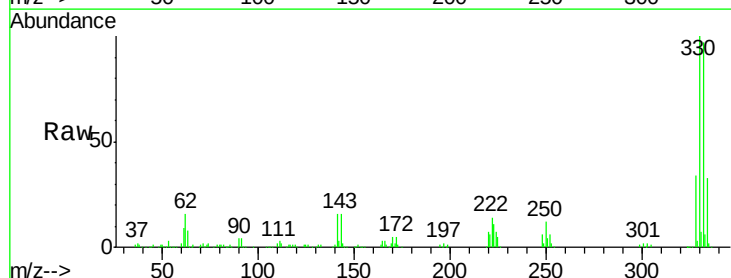


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

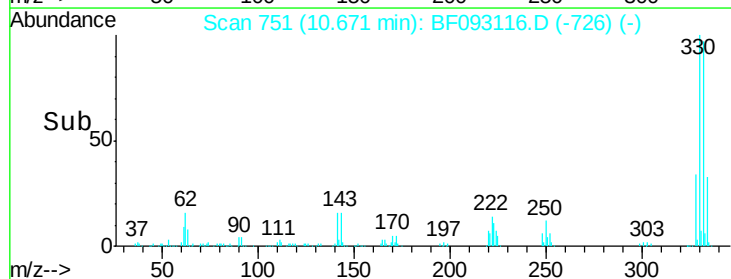
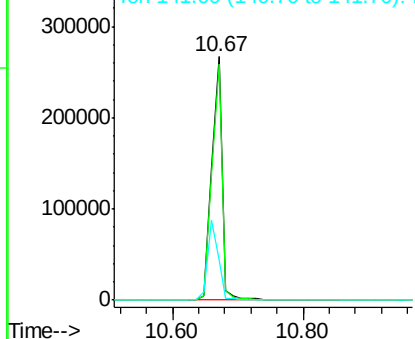


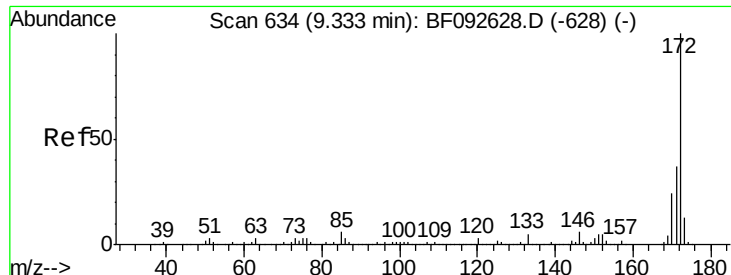
#41
 2,4,6-Tribromophenol
 Concen: 142.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Tgt Ion:330 Resp: 302308
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 33.1 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

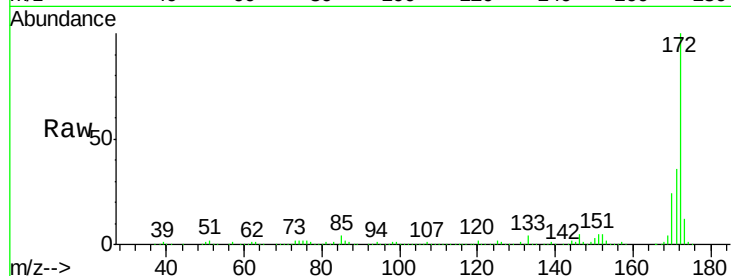




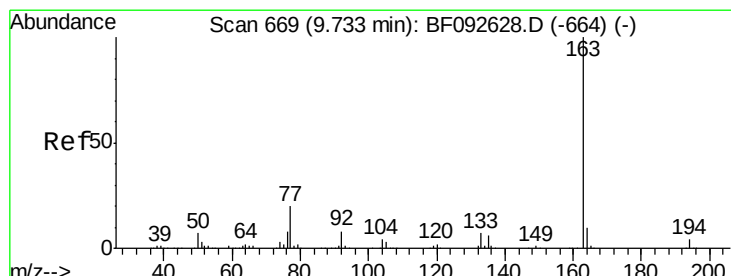
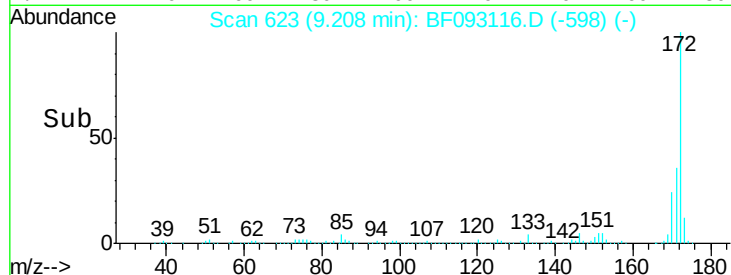
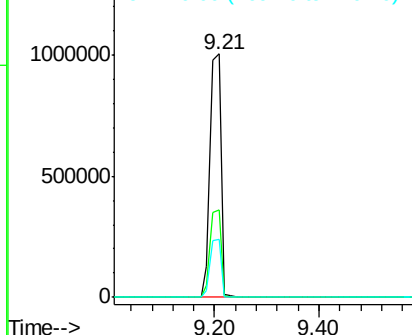
#44
 2-Fluorobiphenyl
 Concen: 91.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tgt Ion:172 Resp: 1478350
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 20.2 30.4

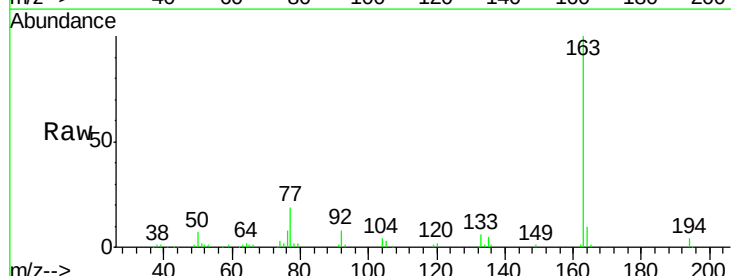


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

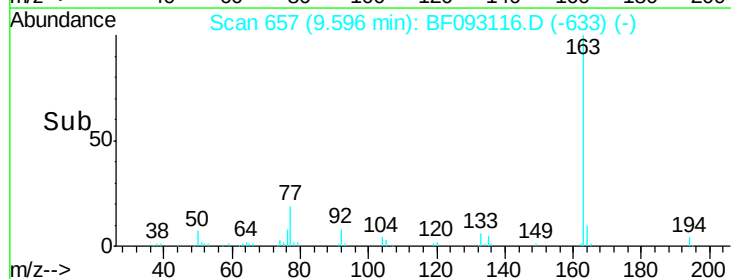
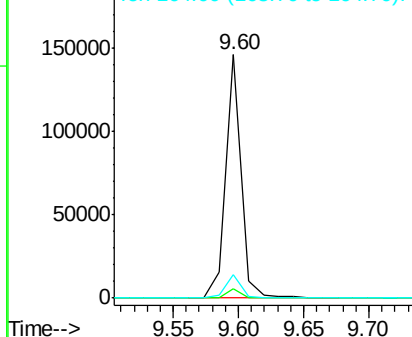


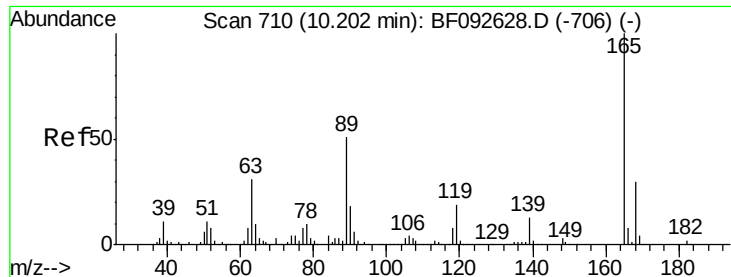
#49
 Dimethylphthalate
 Concen: 6.11 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Tgt Ion:163 Resp: 120396
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.9 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

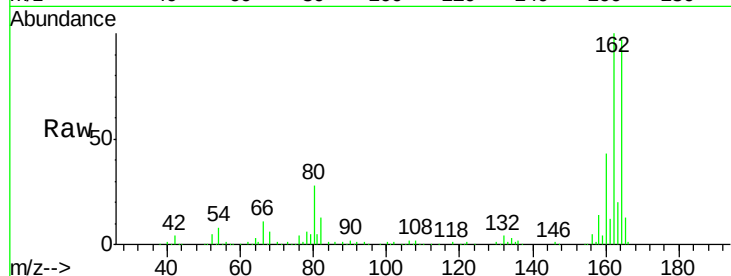




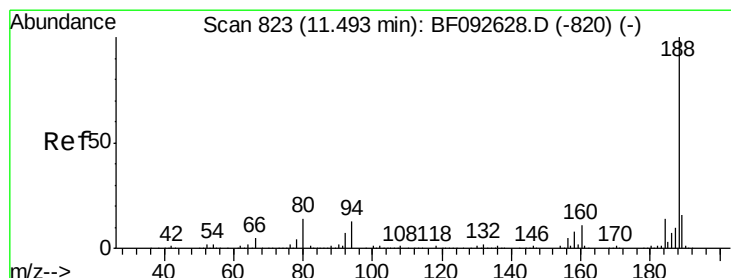
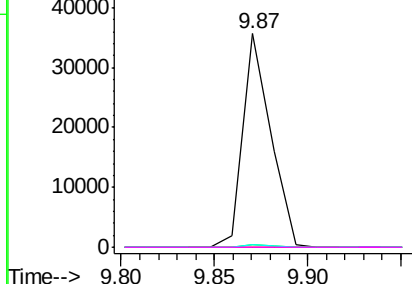
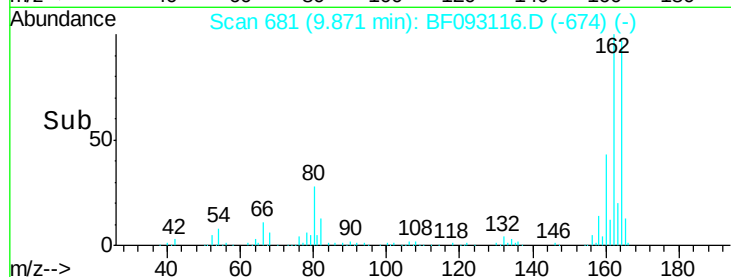
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tgt Ion:165 Resp: 37086
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

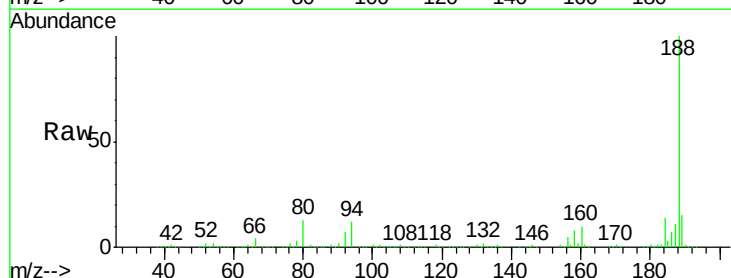


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

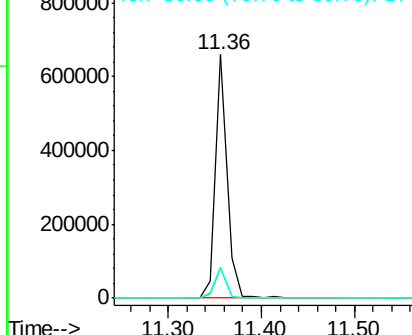
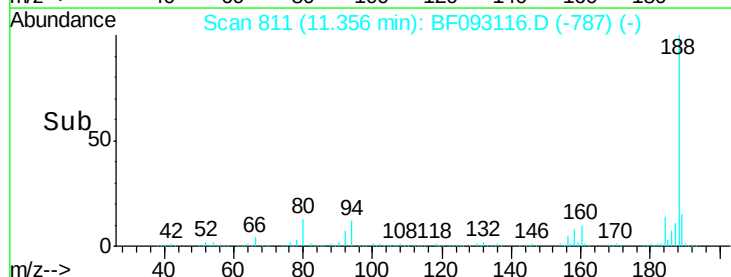


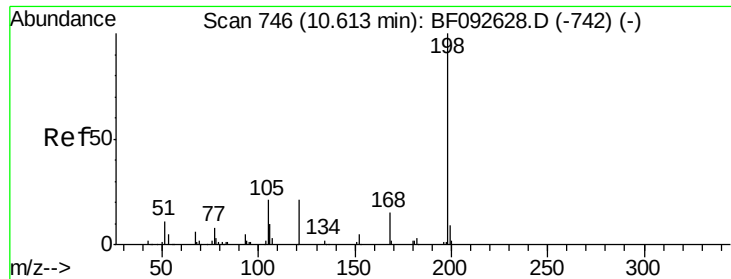
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Tgt Ion:188 Resp: 570801
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.0 15.0
 80 12.6 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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.86 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.16 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

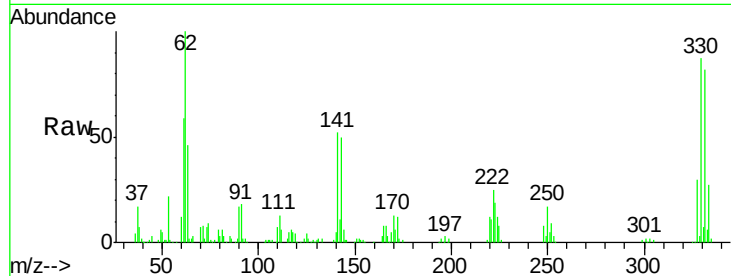
Tgt Ion:198 Resp: 697

Ion Ratio Lower Upper

198 100

51 285.2 6.7 46.7#

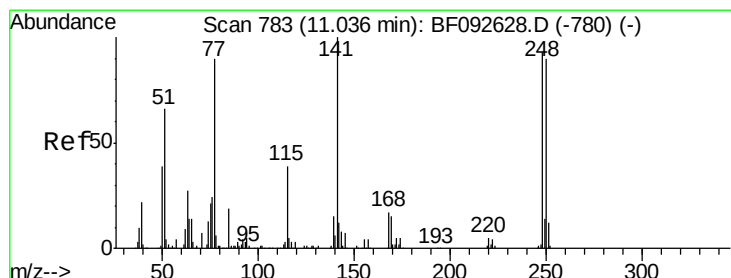
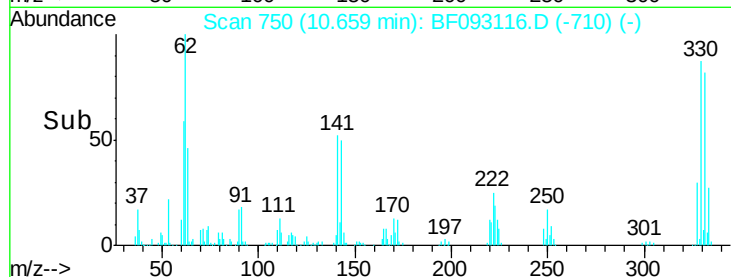
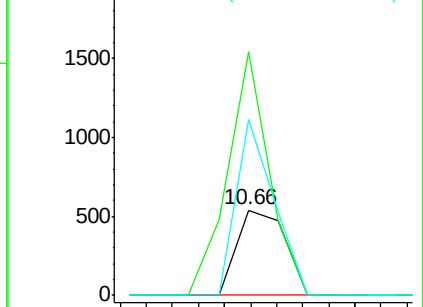
105 205.5 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

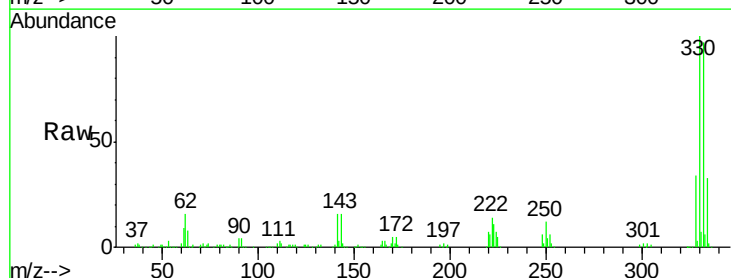
Tgt Ion:248 Resp: 20741

Ion Ratio Lower Upper

248 100

250 210.0 76.9 115.3#

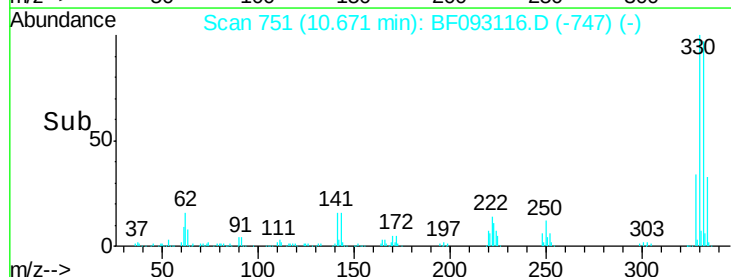
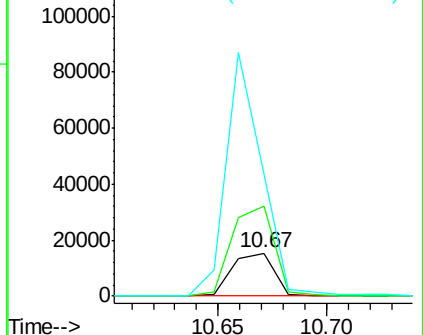
141 284.6 68.2 102.4#

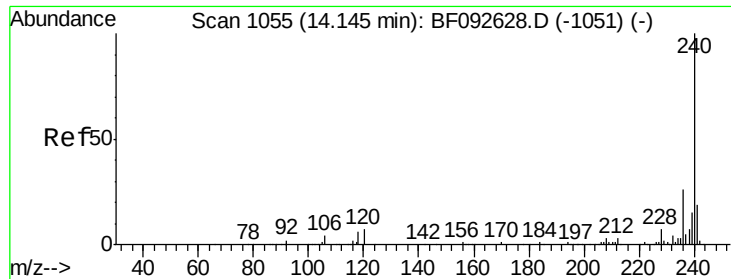


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

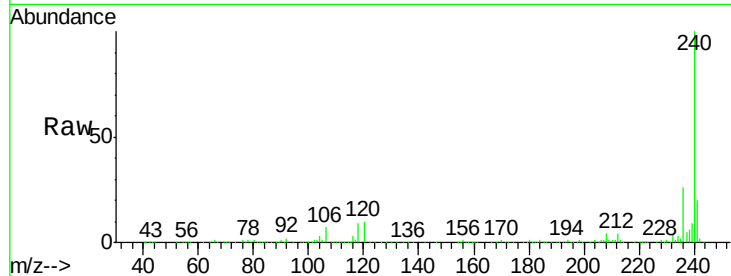
Tgt Ion:240 Resp: 509056

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

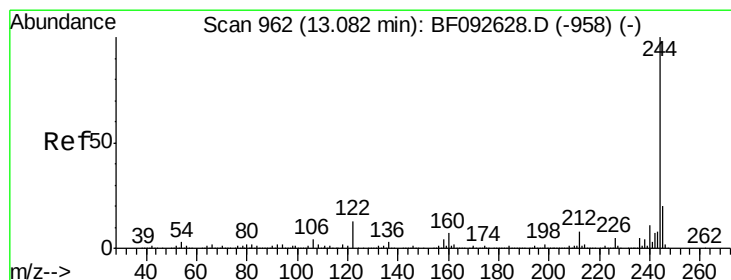
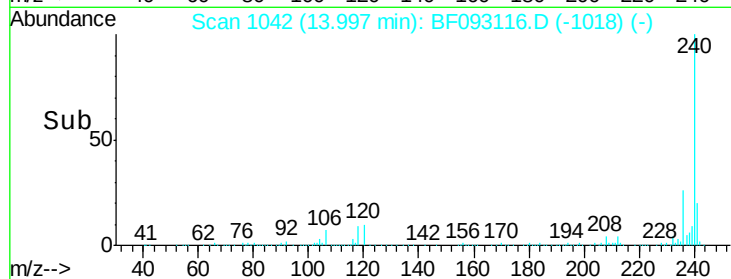
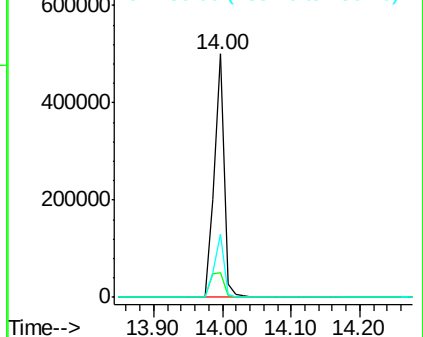
236 26.0 20.9 31.3



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: 58.67 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

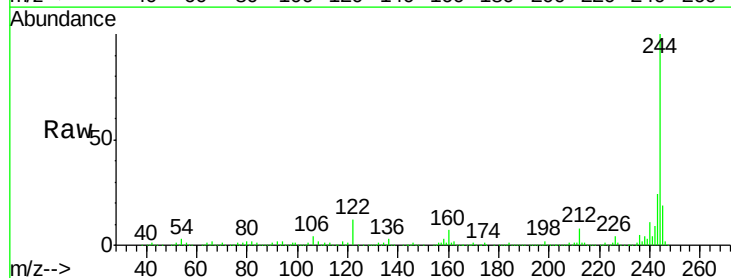
Tgt Ion:244 Resp: 1271131

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

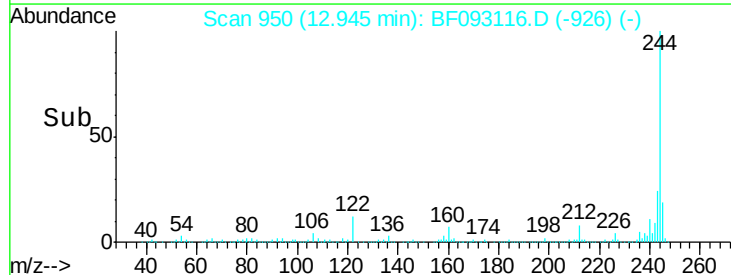
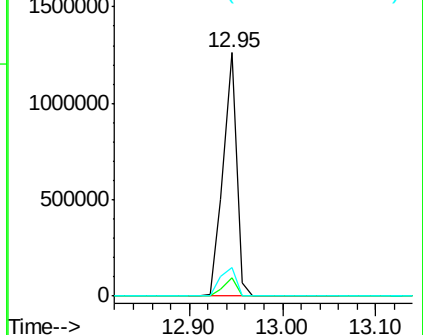
122 12.0 11.4 17.2

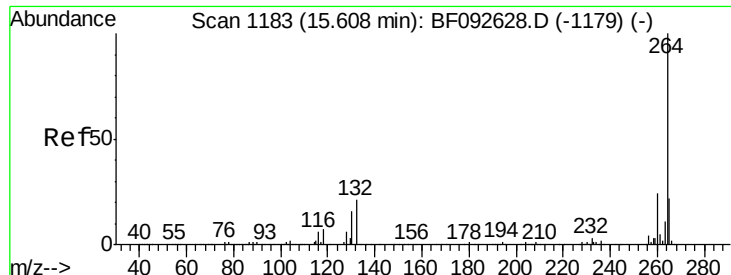


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

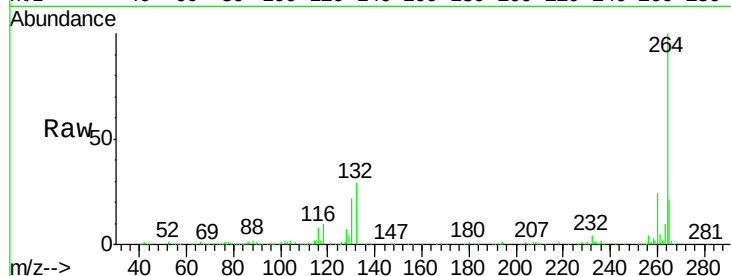




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion: 264 Resp: 385047
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 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

