

Data File : BF093120.D
Acq On : 23 Feb 2017 22:37
Operator : SJ/MA
Sample : I1954-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

Quant Time: Feb 23 23:51:18 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	162531	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	645222	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	301232	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	556629	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	493830	20.00	ng	-0.02
86) Perylene-d12	15.41	264	325553	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1069416	112.88	ng	-0.01
7) Phenol-d6	6.48	99	1363241	111.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	888764	76.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	307979	141.36	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1525885	91.77	ng	-0.02
78) Terphenyl-d14	12.95	244	1229625	58.51	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	48098	3.37	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	115560	14.89	ng	# 81
25) Isophorone	7.40	82	840175	38.91	ng	# 65
49) Dimethylphthalate	9.60	163	159097	7.84	ng	99
56) 2,4-Dinitrotoluene	9.87	165	38118	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	788	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	22139	3.81	ng	# 1

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

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CLP-S-03(5-10)

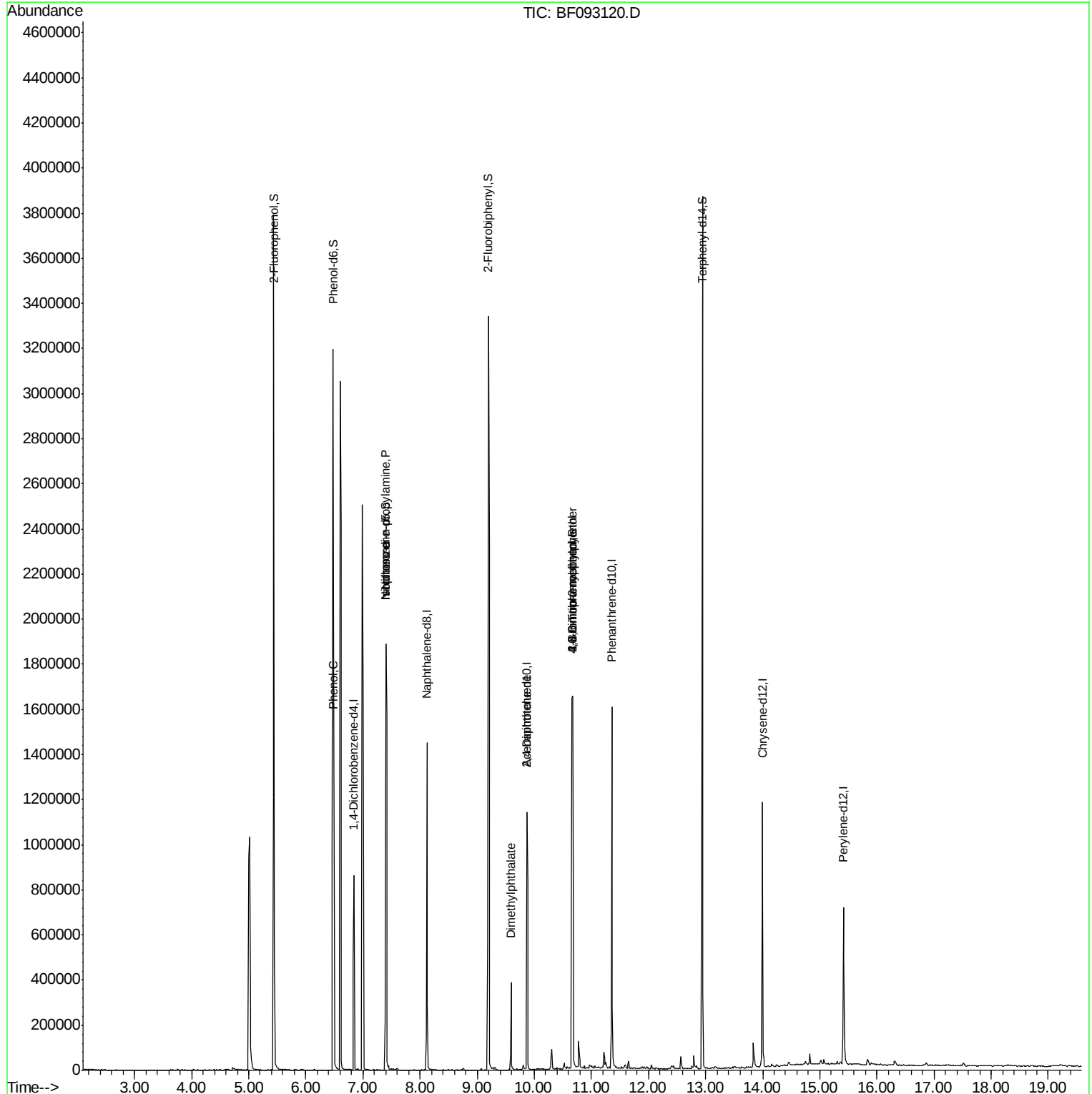
Quant Time: Feb 23 23:51:18 2017

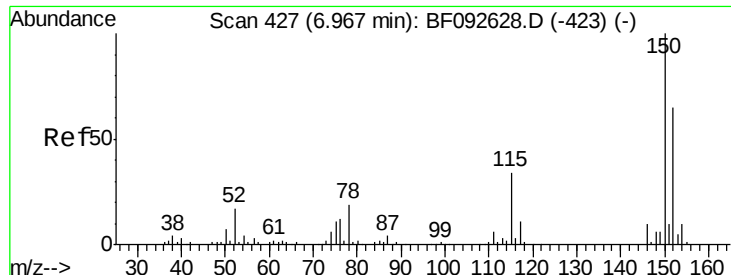
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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: BF093120.D

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Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

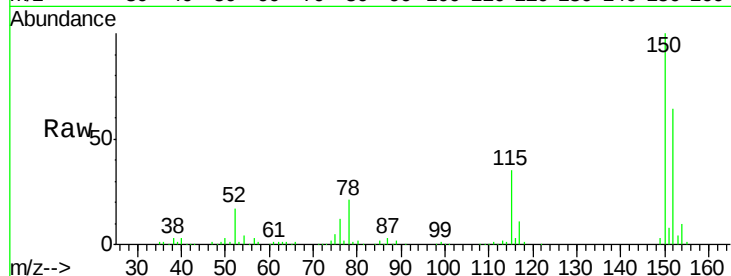
Tgt Ion:152 Resp: 162531

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

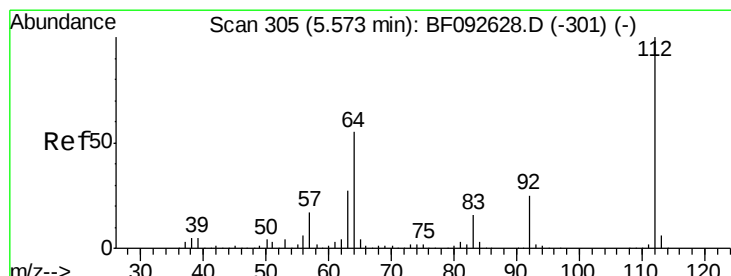
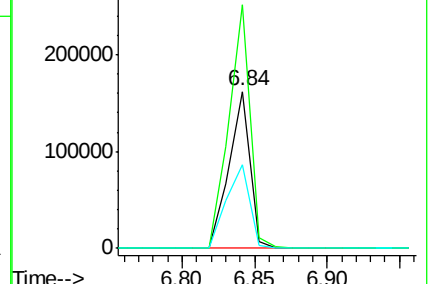
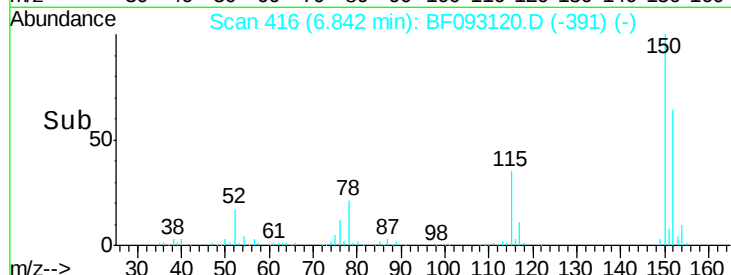
115 53.6 46.0 69.0



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: 112.88 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

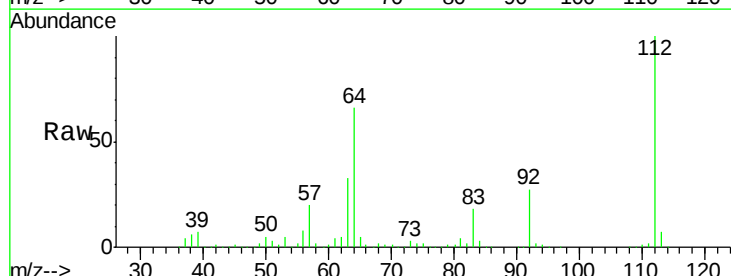
Tgt Ion:112 Resp: 1069416

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

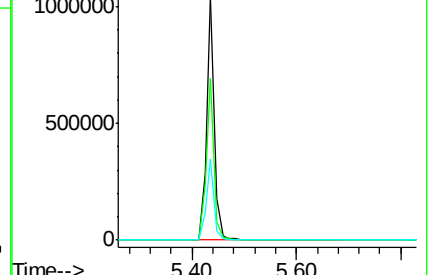
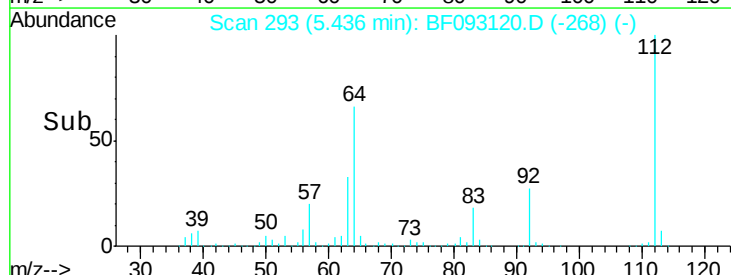
63 33.1 23.8 35.6



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: 111.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

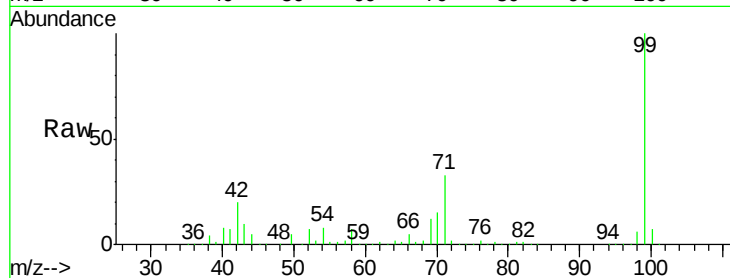
Tgt Ion: 99 Resp: 1363241

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

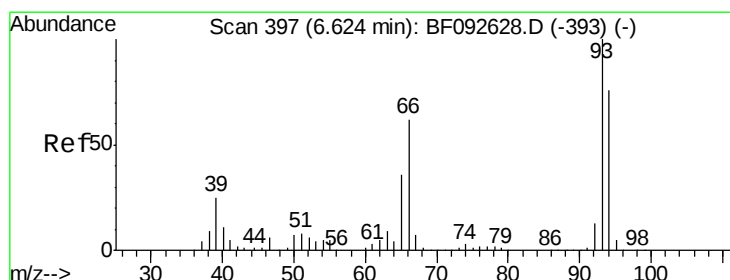
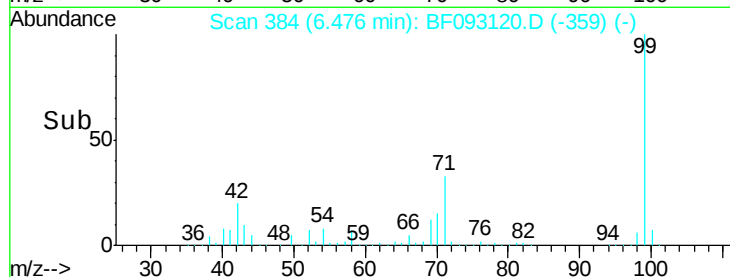
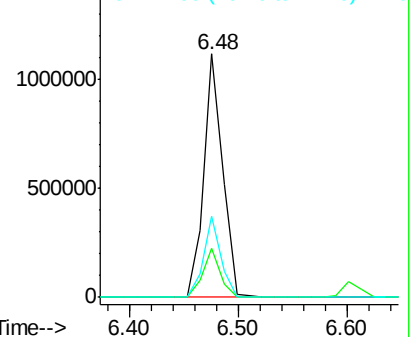
71 33.1 27.5 41.3



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: 3.37 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

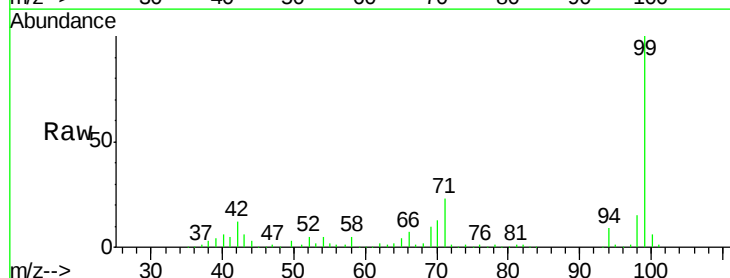
Tgt Ion: 94 Resp: 48098

Ion Ratio Lower Upper

94 100

65 39.9 21.4 61.4

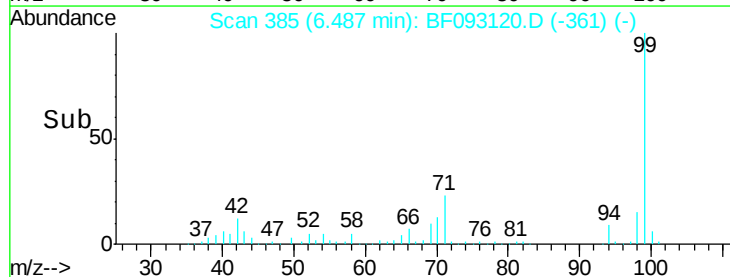
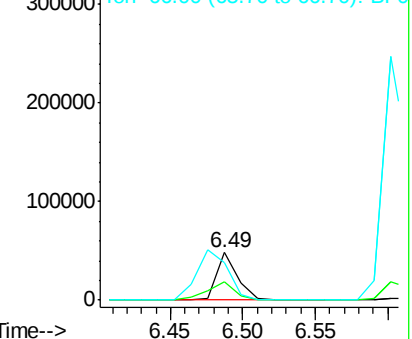
66 78.3 44.0 84.0



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

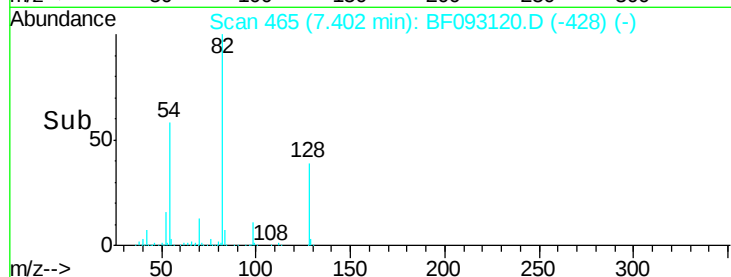
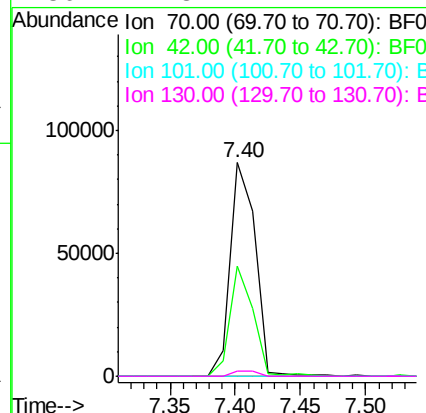
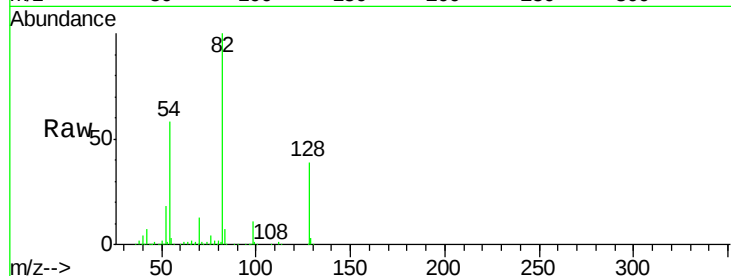




#19
n-Nitroso-di-n-propylamine
Concen: 14.89 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

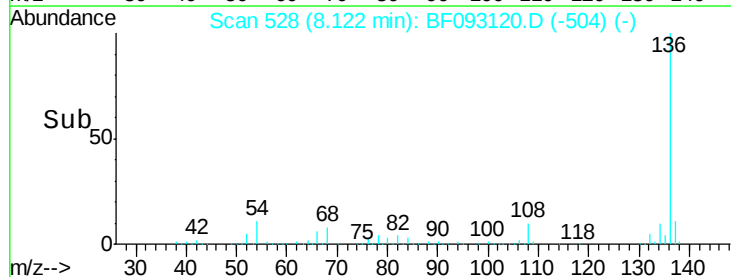
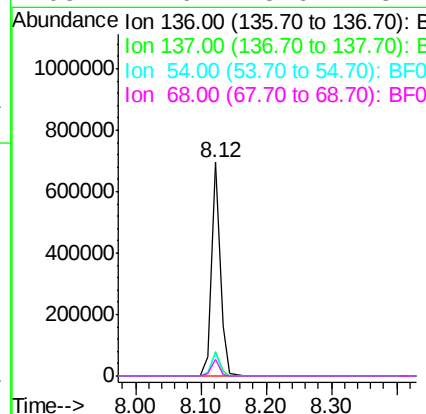
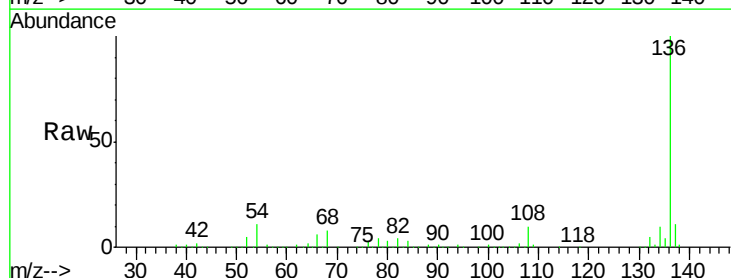
Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

Tgt Ion: 70 Resp: 115560
Ion Ratio Lower Upper
70 100
42 51.3 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: BF093120.D
Acq: 23 Feb 2017 22:37

Tgt Ion: 136 Resp: 645222
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 10.6 4.5 6.7#
68 7.6 3.6 5.4#

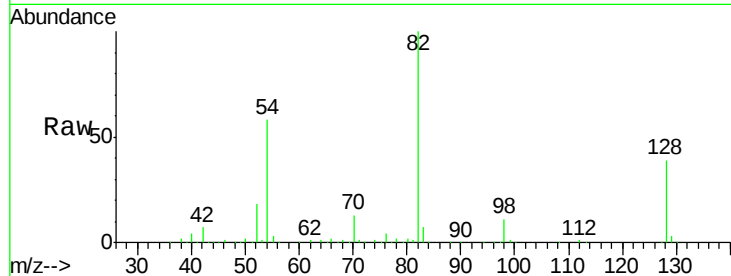




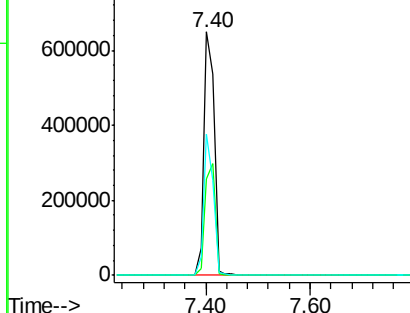
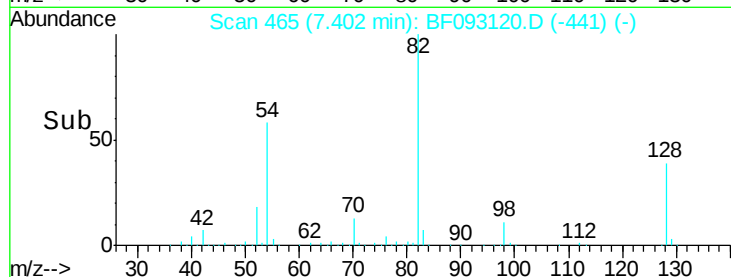
#23
 Nitrobenzene-d5
 Concen: 76.71 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Tgt Ion: 82 Resp: 888764
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.6 52.0
 54 58.1 39.5 59.3

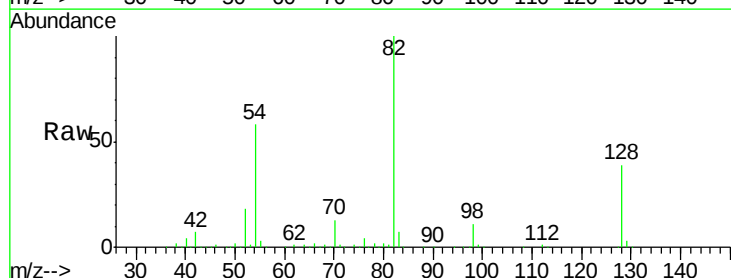


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

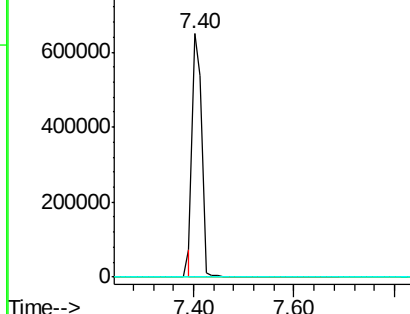
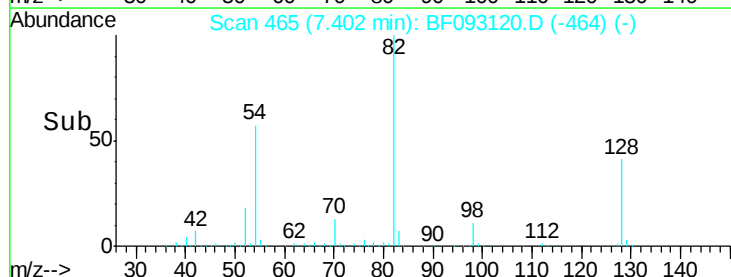


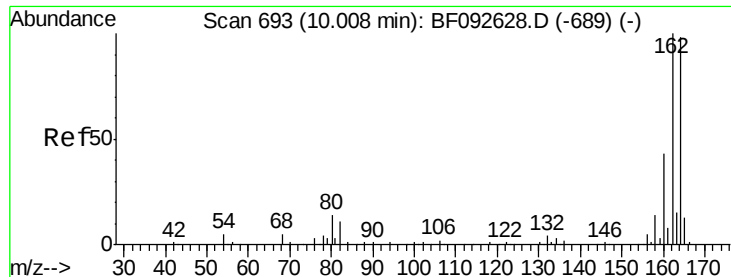
#25
 Isophorone
 Concen: 38.91 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Tgt Ion: 82 Resp: 840175
 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: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

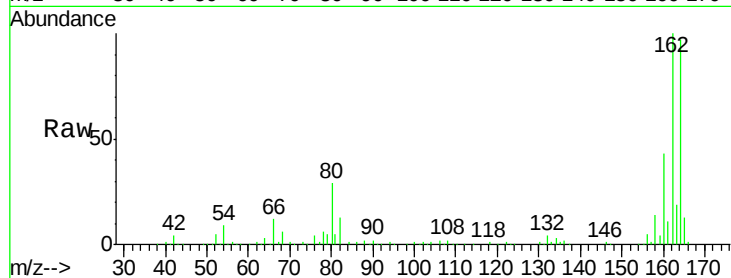
Tgt Ion:164 Resp: 301232

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

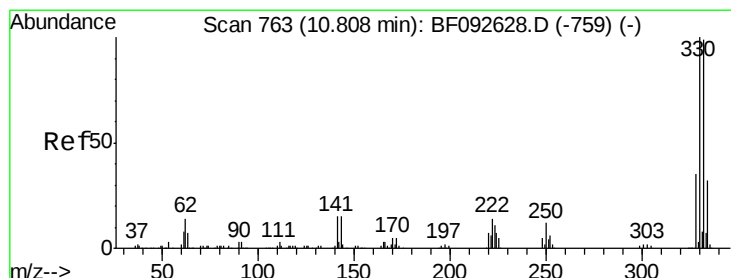
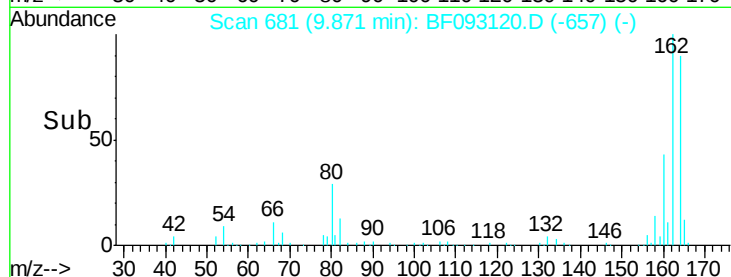
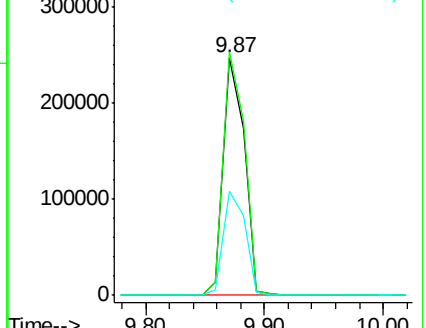
160 44.0 36.9 55.3



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: 141.36 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

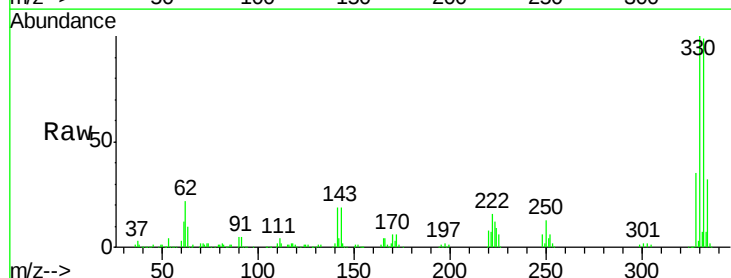
Tgt Ion:330 Resp: 307979

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

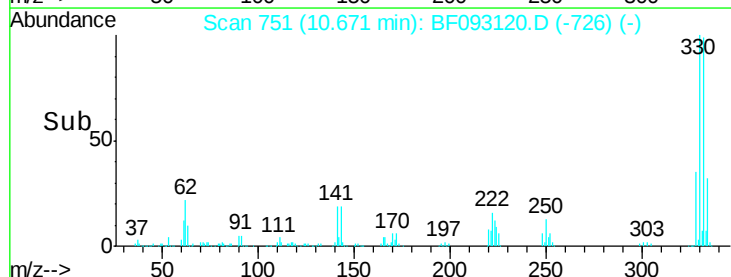
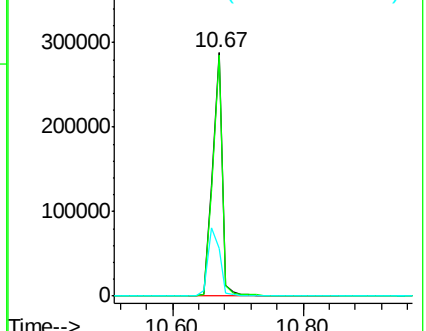
141 33.6 34.1 51.1#



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

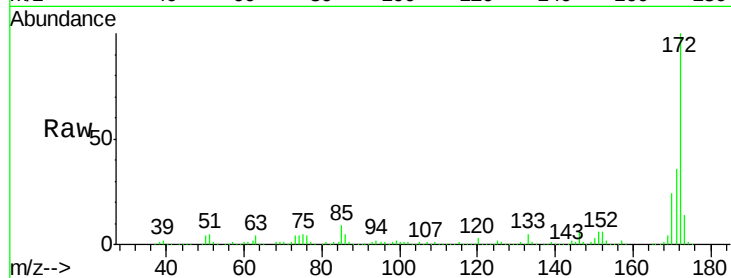




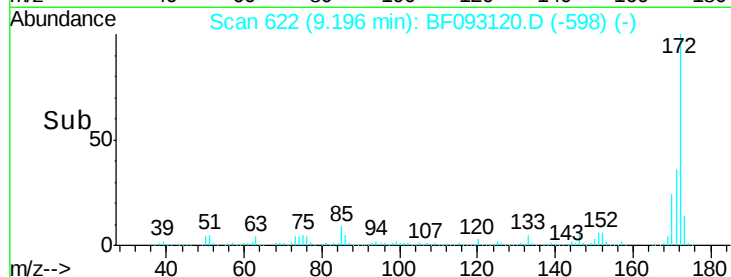
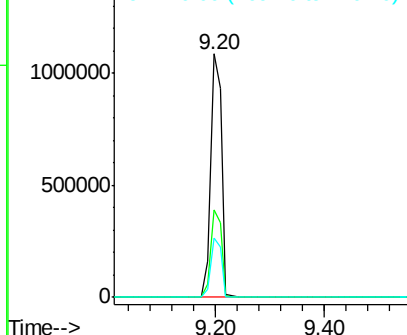
#44
 2-Fluorobiphenyl
 Concen: 91.77 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Tgt Ion:172 Resp: 1525885
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 20.2 30.4

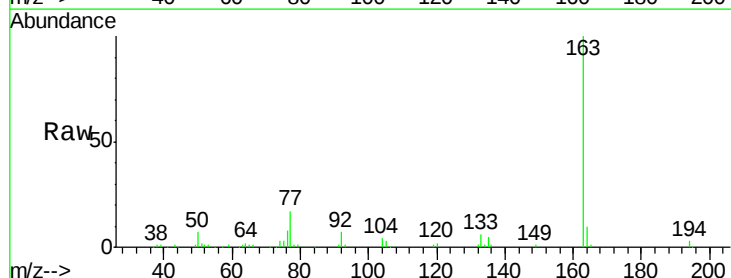


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

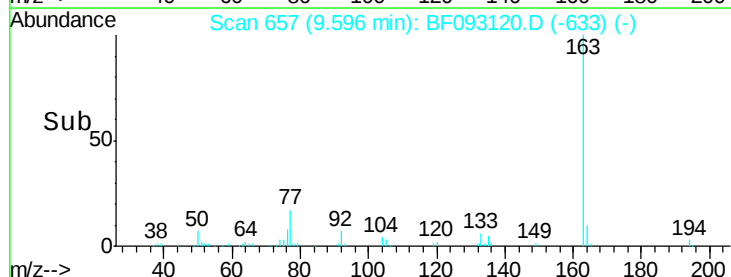
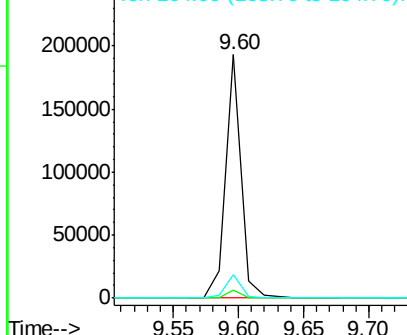


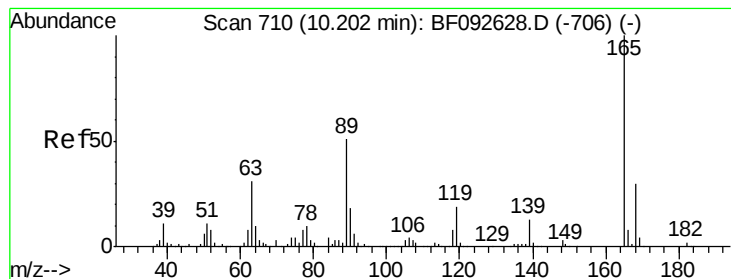
#49
 Dimethylphthalate
 Concen: 7.84 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Tgt Ion:163 Resp: 159097
 Ion Ratio Lower Upper
 163 100
 194 3.2 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

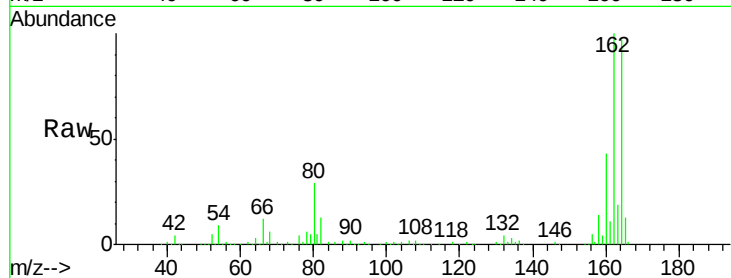




#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093120.D
 Acq: 23 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(5-10)

Tgt Ion:	165	Resp:	38118
Ion Ratio	Lower	Upper	
165	100		
63	1.8	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

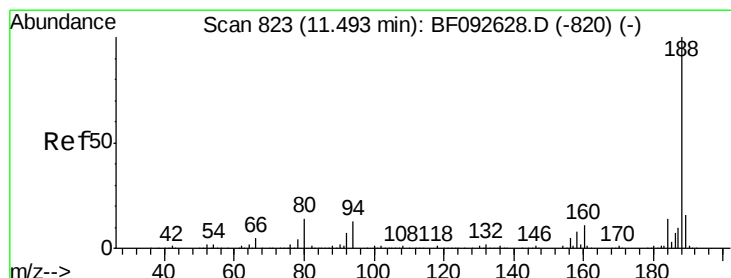
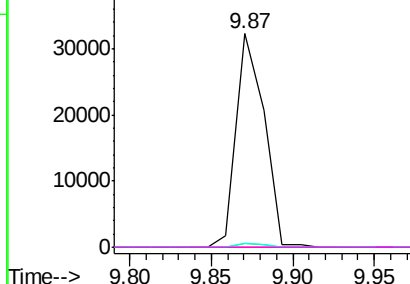
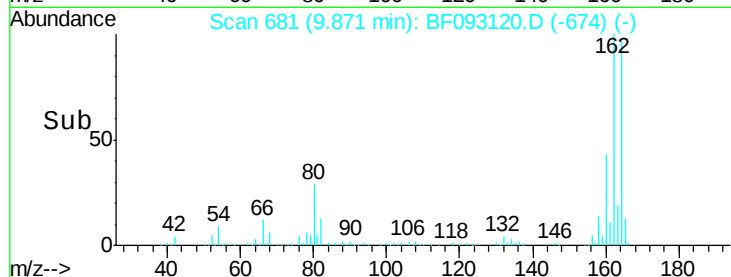


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

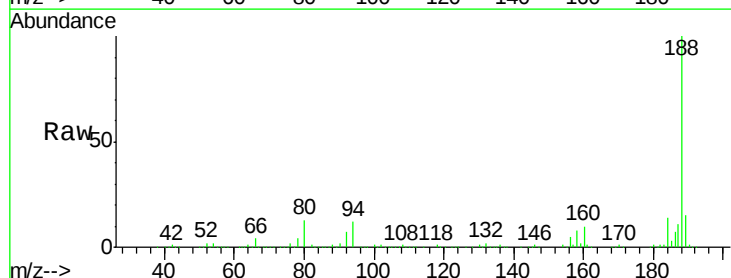
Ion 89.00 (88.70 to 89.70): BF0

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: BF093120.D
 Acq: 23 Feb 2017 22:37

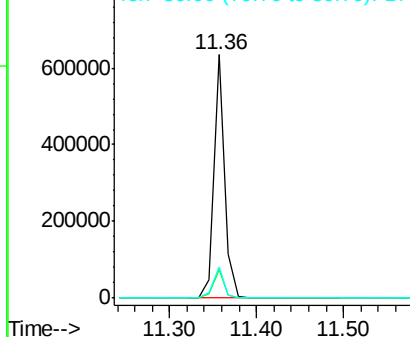
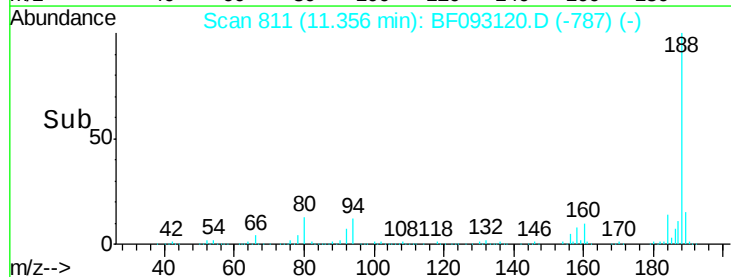
Tgt Ion:	188	Resp:	556629
Ion Ratio	Lower	Upper	
188	100		
94	12.0	10.0	15.0
80	13.0	11.2	16.8

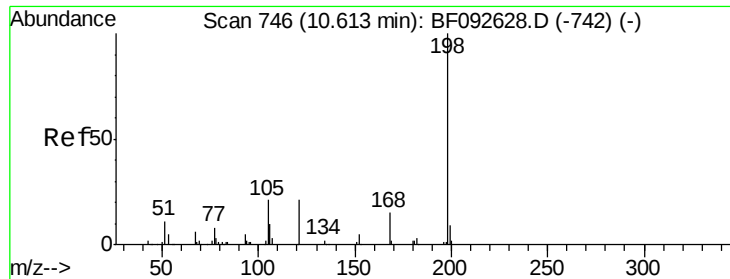


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.89 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.16 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(5-10)

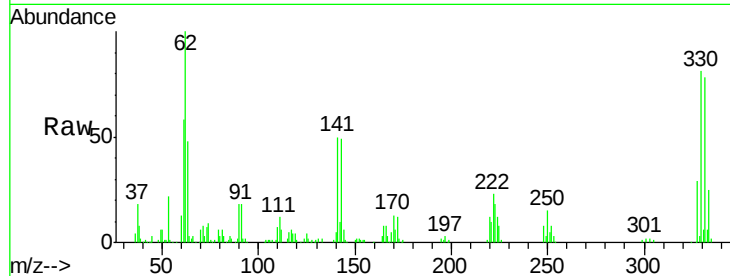
Tgt Ion:198 Resp: 788

Ion Ratio Lower Upper

198 100

51 283.4 6.7 46.7#

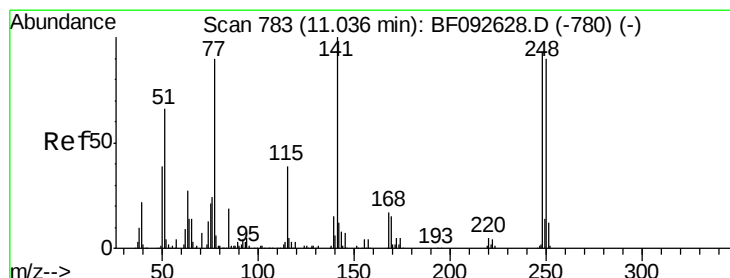
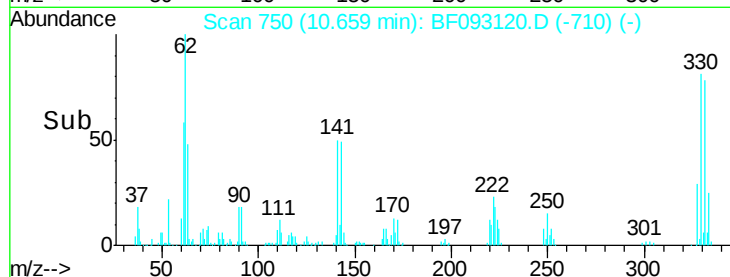
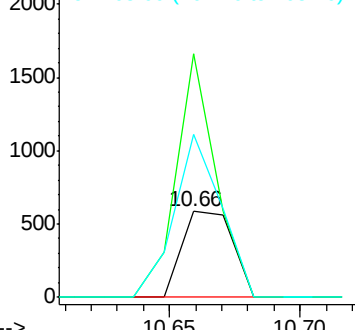
105 189.8 16.6 56.6#



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: 3.81 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093120.D

Acq: 23 Feb 2017 22:37

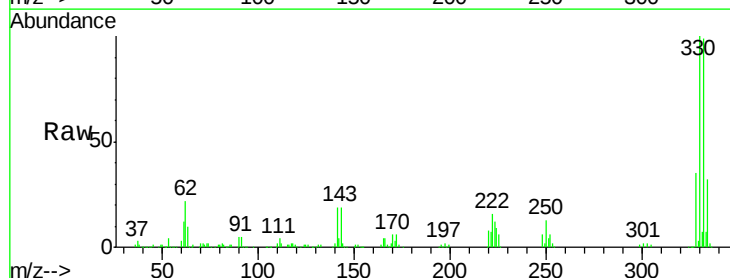
Tgt Ion:248 Resp: 22139

Ion Ratio Lower Upper

248 100

250 197.8 76.9 115.3#

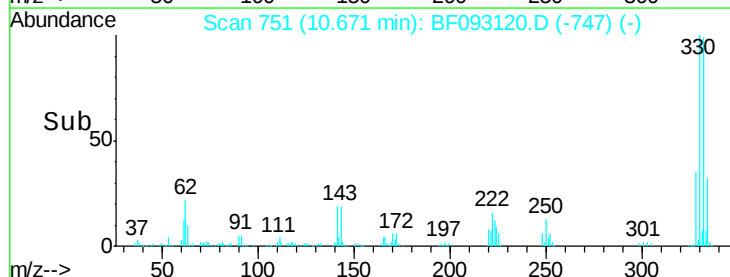
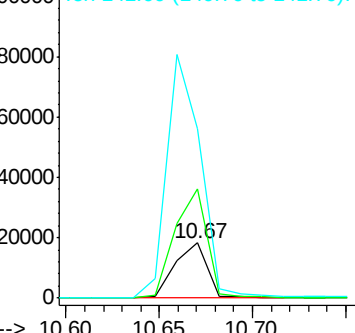
141 306.3 68.2 102.4#

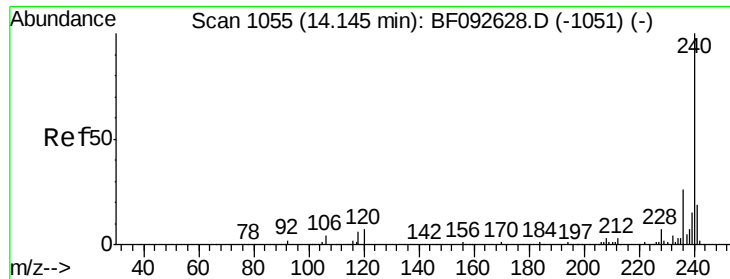


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

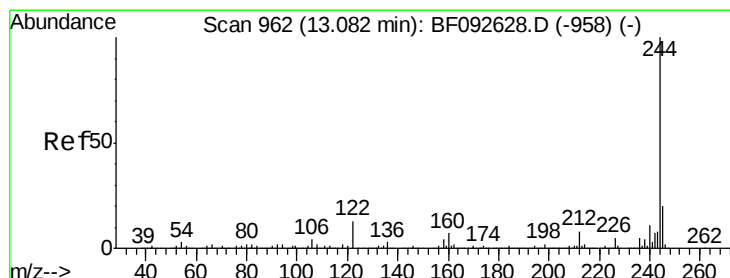
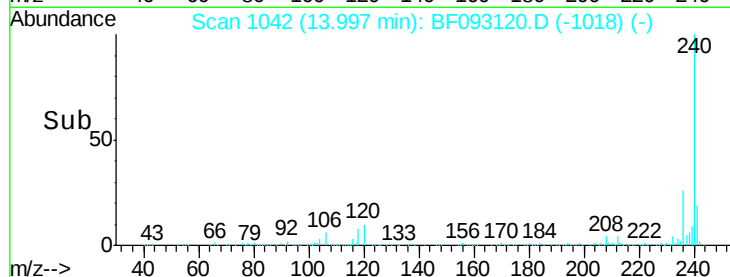
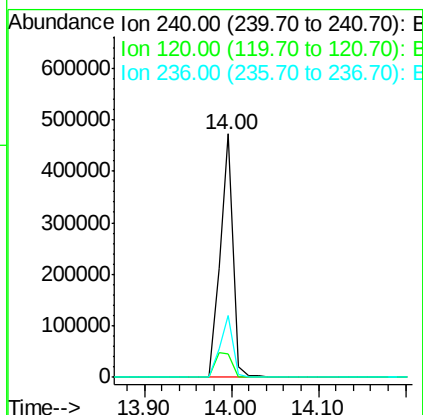
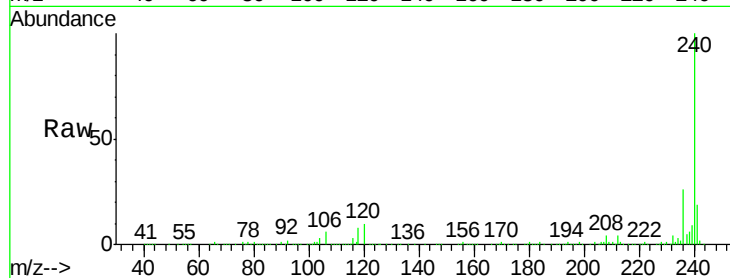




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

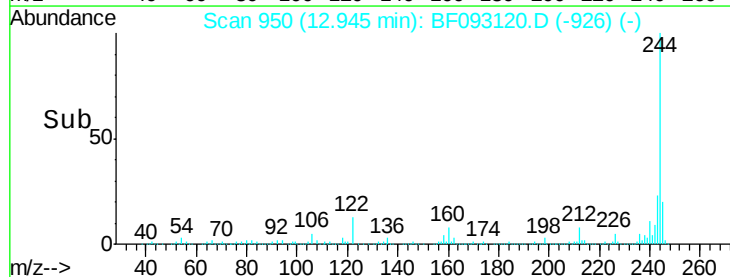
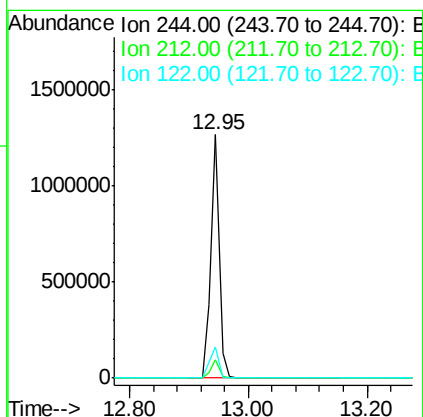
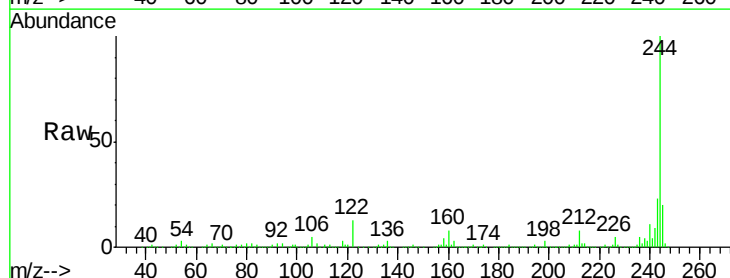
Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

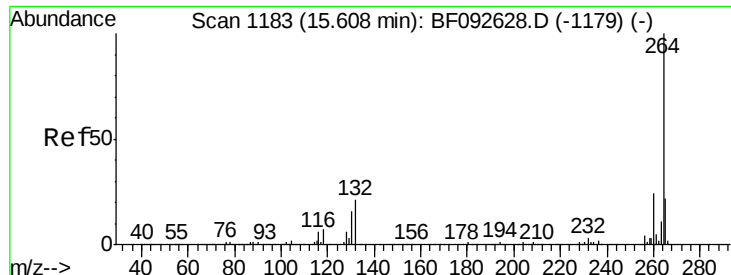
Tgt Ion:240 Resp: 493830
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 25.7 20.9 31.3



#78
Terphenyl-d14
Concen: 58.51 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Tgt Ion:244 Resp: 1229625
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 13.0 11.4 17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093120.D
Acq: 23 Feb 2017 22:37

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.4	26.0

