

Data File : BF093114.D
Acq On : 23 Feb 2017 19:49
Operator : SJ/MA
Sample : I1954-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(10-15)

Quant Time: Feb 23 23:49:56 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

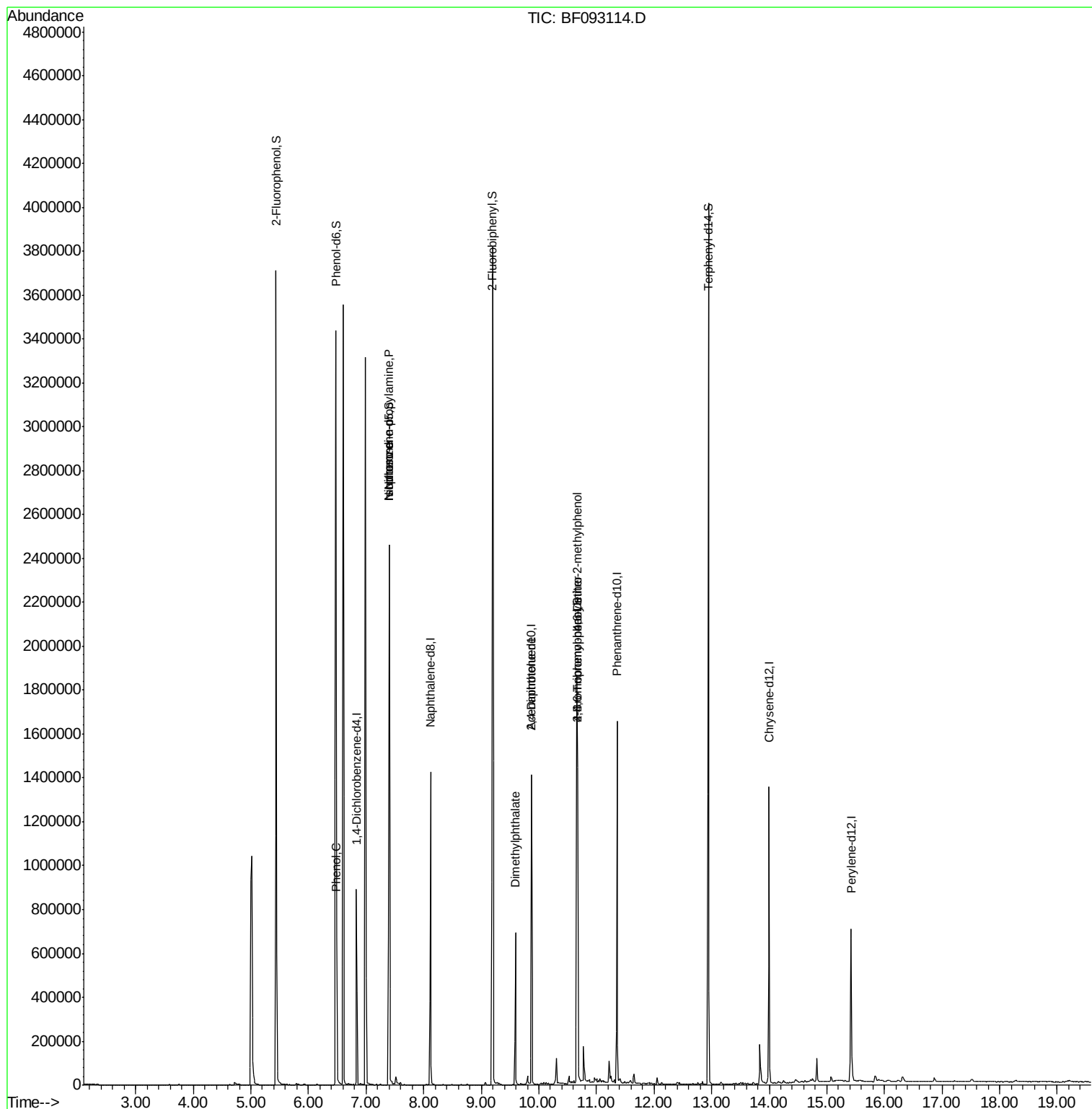
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	155512	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	652476	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	296434	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	562164	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	504211	20.00	ng	-0.02
86) Perylene-d12	15.43	264	384795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1066499	117.66	ng	-0.01
7) Phenol-d6	6.48	99	1328097	113.87	ng	-0.01
23) Nitrobenzene-d5	7.40	82	848086	72.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	322861	150.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1490332	91.08	ng	-0.02
78) Terphenyl-d14	12.95	244	1290263	60.13	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	41081	3.01	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.40	70	112747	15.19	ng	# 82
25) Isophorone	7.40	82	688910	31.55	ng	# 65
49) Dimethylphthalate	9.60	163	299684	15.01	ng	99
56) 2,4-Dinitrotoluene	9.87	165	38177	6.65	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	703	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	22925	3.90	ng	# 1

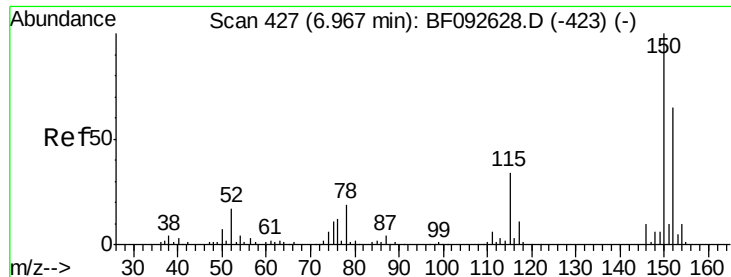
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 12 Sample Multiplier: 1

CLP-S-04(10-15)

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093114.D

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Instrument :

BNA_F

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CLP-S-04(10-15)

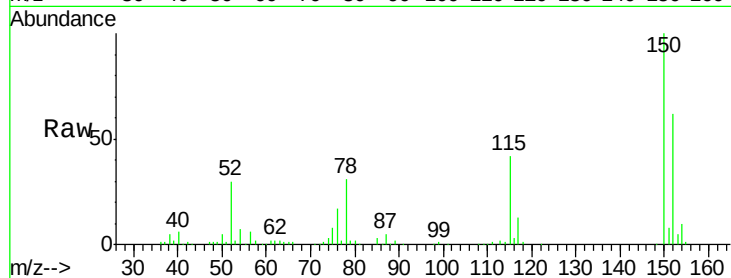
Tgt Ion:152 Resp: 155512

Ion Ratio Lower Upper

152 100

150 162.2 124.9 187.3

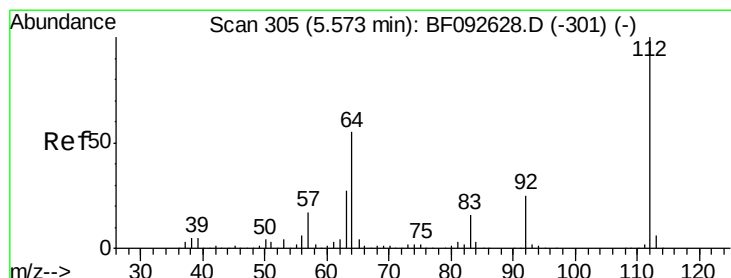
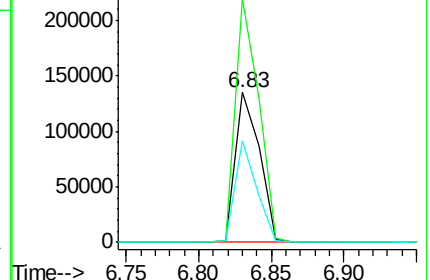
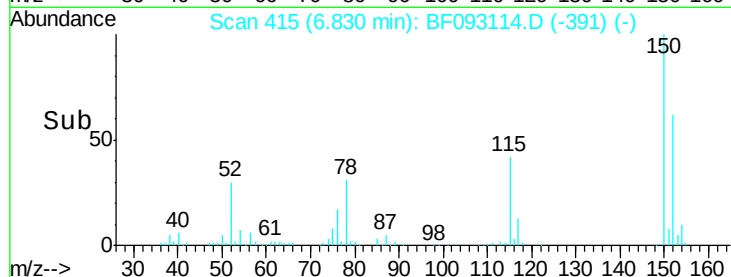
115 67.6 46.0 69.0



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: 117.66 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

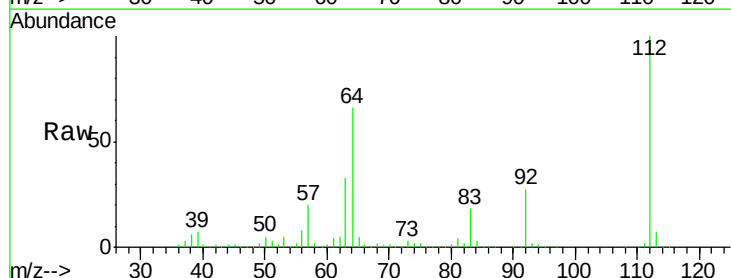
Tgt Ion:112 Resp: 1066499

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

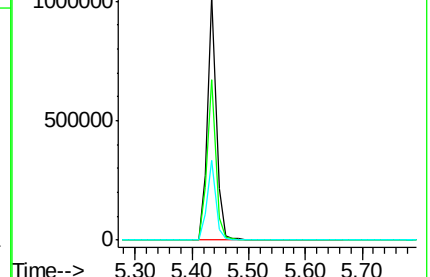
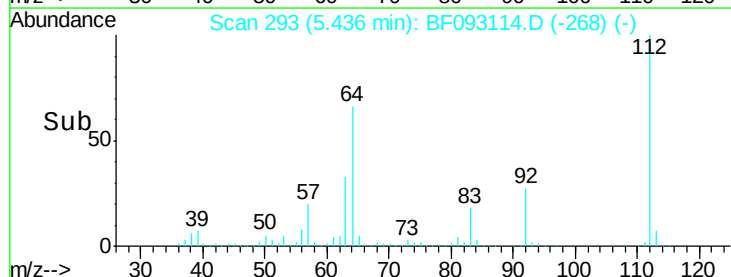
63 33.0 23.8 35.6

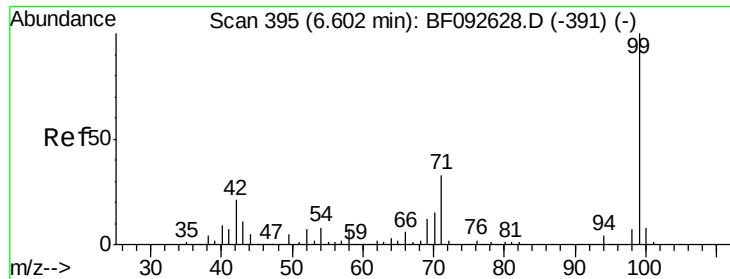


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093114.D

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Instrument :

BNA_F

ClientSampleId :

CLP-S-04(10-15)

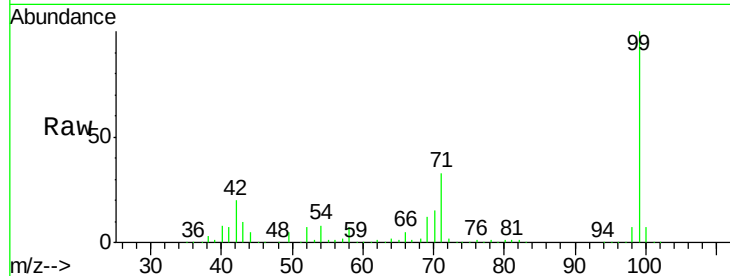
Tgt Ion: 99 Resp: 1328097

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

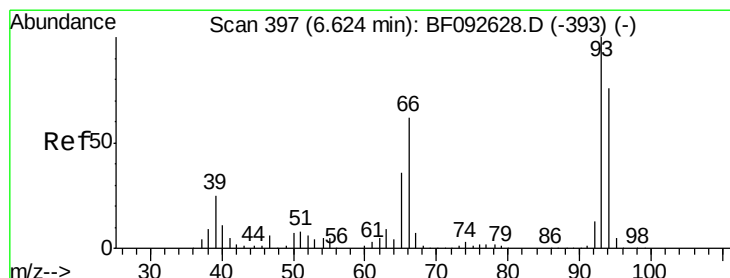
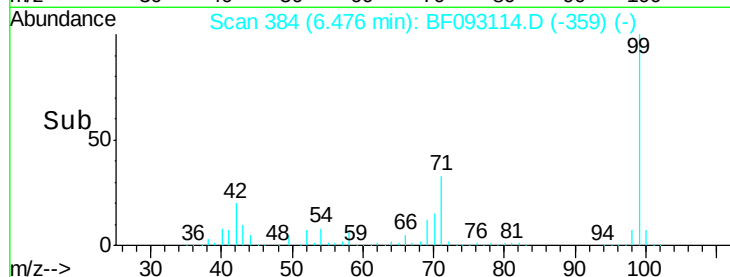
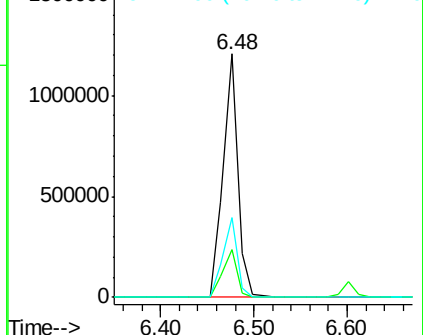
71 32.8 27.5 41.3



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: 3.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

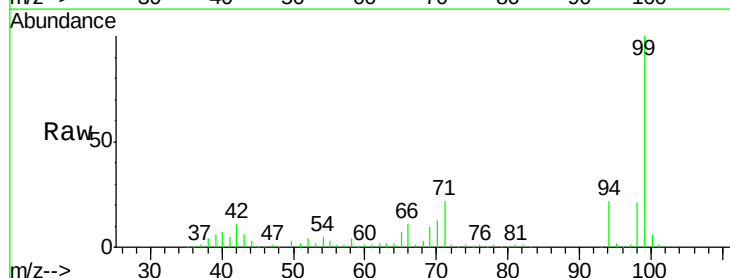
Tgt Ion: 94 Resp: 41081

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

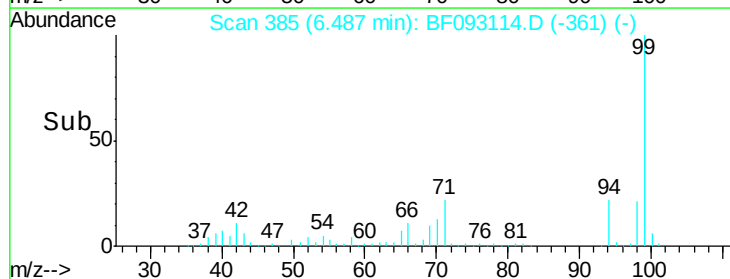
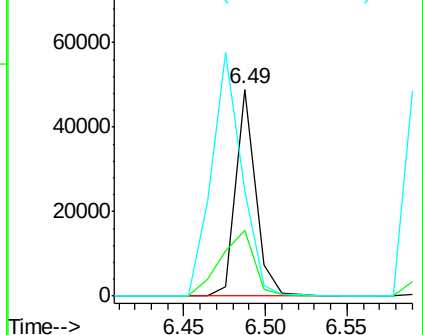
66 50.8 44.0 84.0

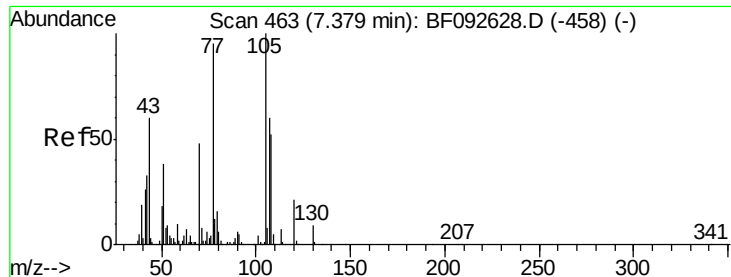


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

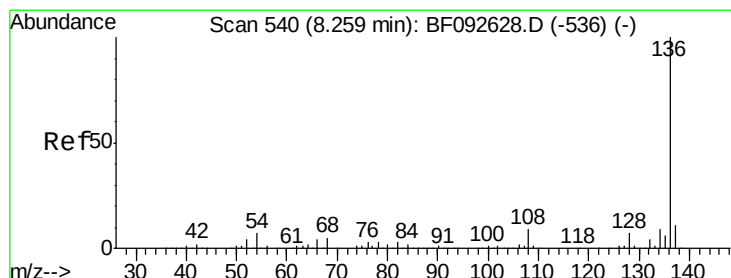
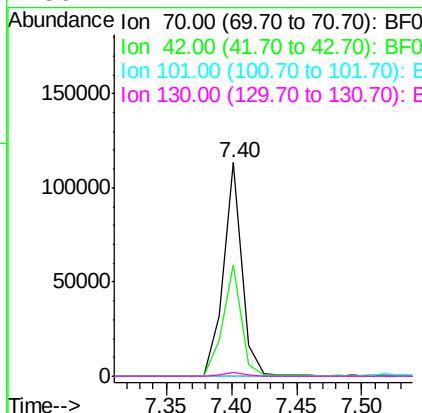
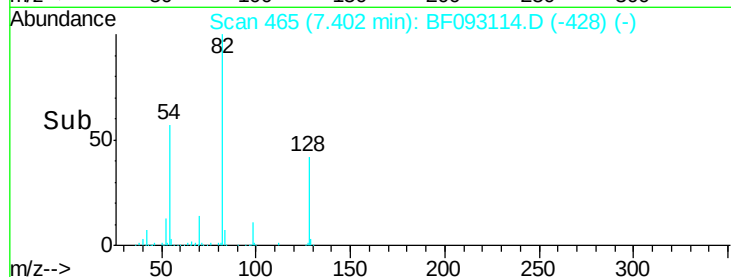
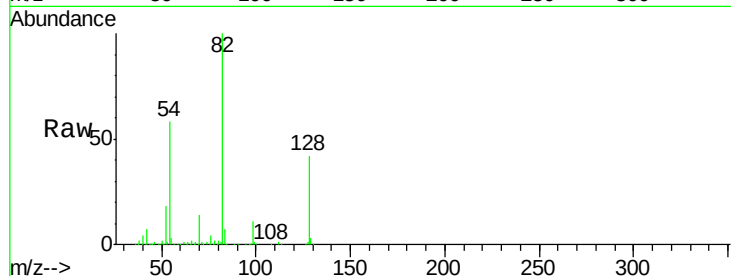




#19
n-Nitroso-di-n-propylamine
Concen: 15.19 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093114.D
Acq: 23 Feb 2017 19:49

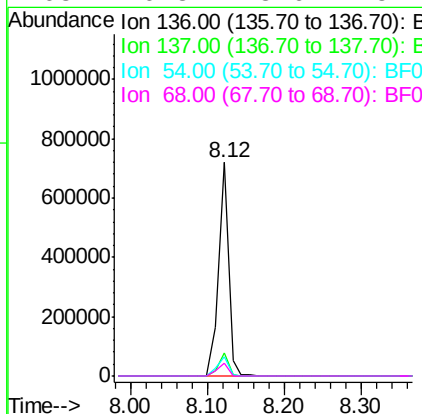
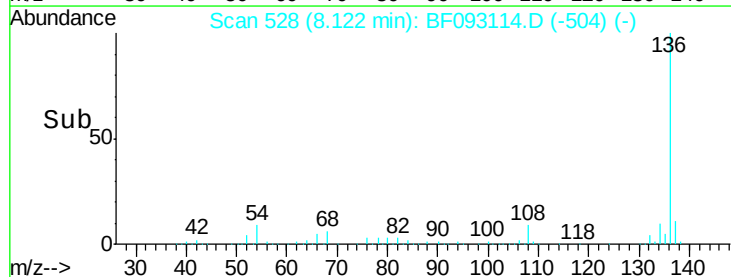
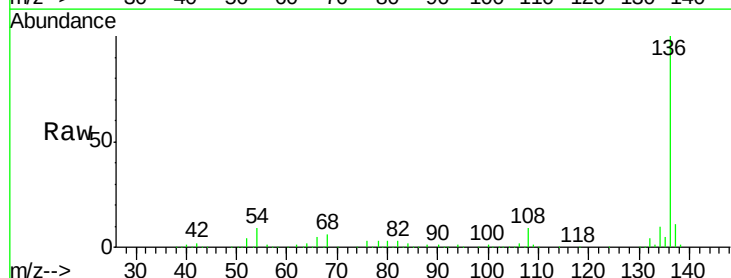
Instrument :
BNA_F
ClientSampleId :
CLP-S-04(10-15)

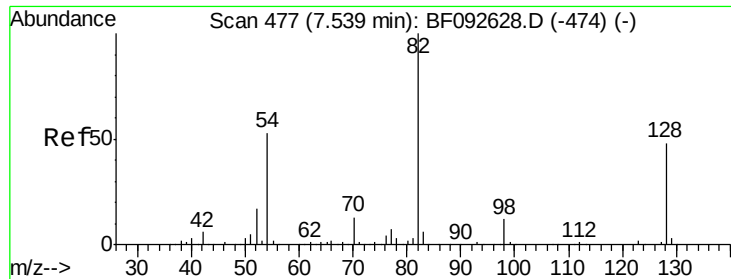
Tgt Ion: 70 Resp: 112747
Ion Ratio Lower Upper
70 100
42 52.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093114.D
Acq: 23 Feb 2017 19:49

Tgt Ion: 136 Resp: 652476
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.9 4.5 6.7#
68 6.3 3.6 5.4#

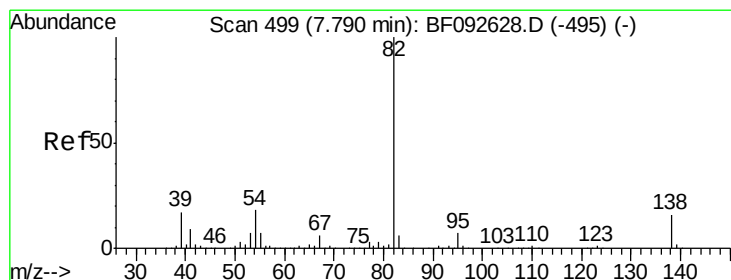
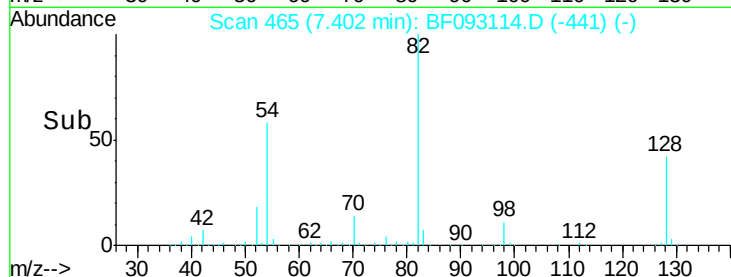
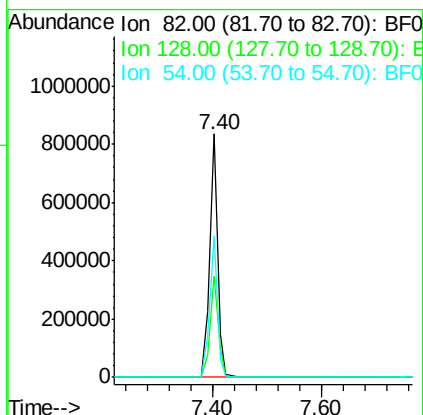
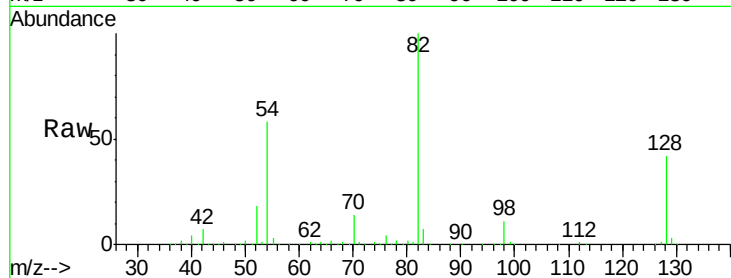




#23
 Nitrobenzene-d5
 Concen: 72.38 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093114.D
 Acq: 23 Feb 2017 19:49

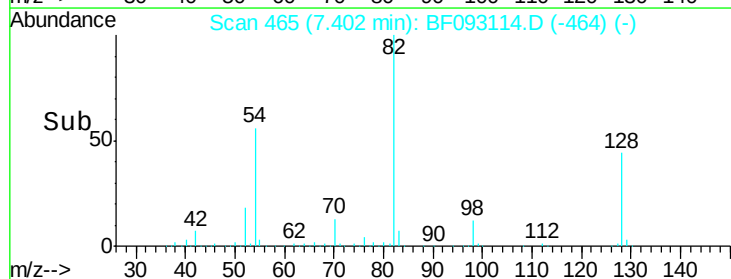
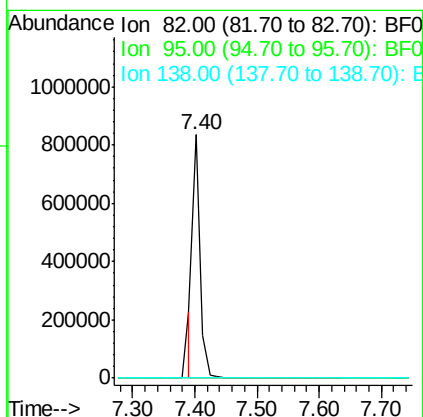
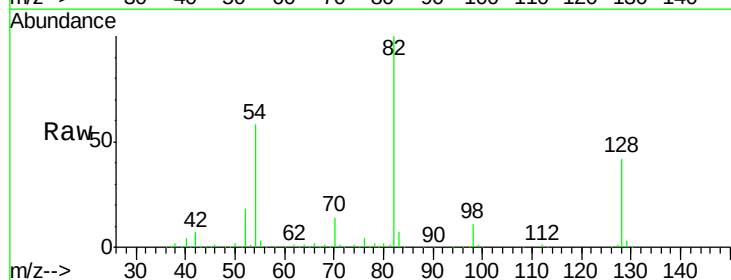
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(10-15)

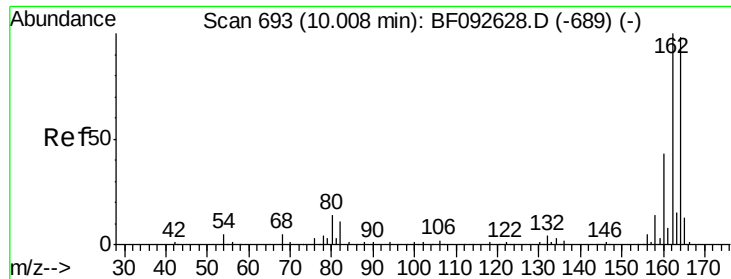
Tgt Ion: 82 Resp: 848086
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 58.3 39.5 59.3



#25
 Isophorone
 Concen: 31.55 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093114.D
 Acq: 23 Feb 2017 19:49

Tgt Ion: 82 Resp: 688910
 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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(10-15)

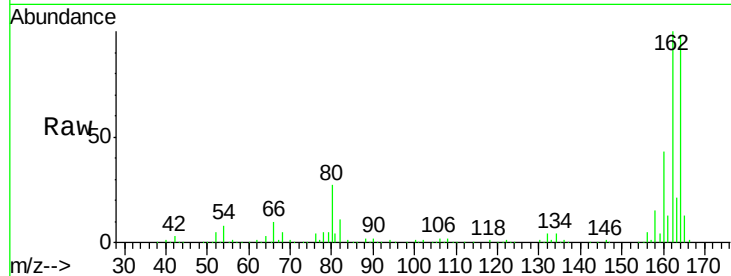
Tgt Ion:164 Resp: 296434

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

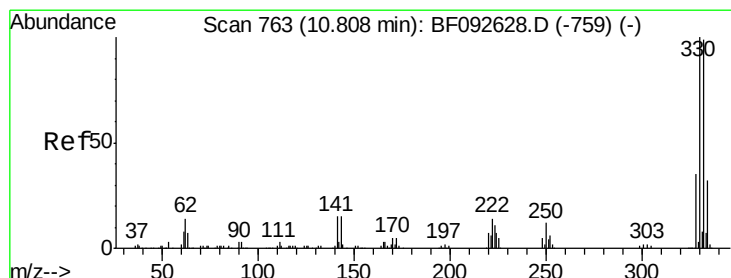
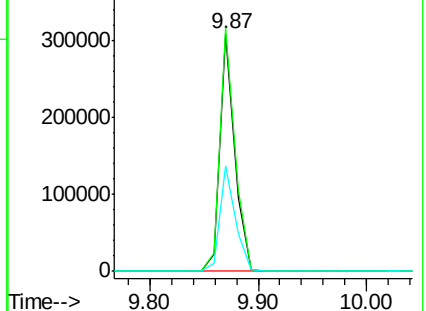
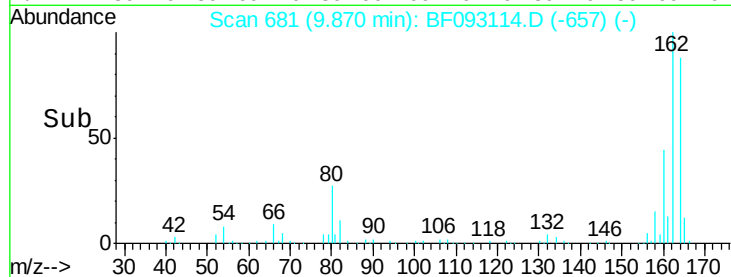
160 44.4 36.9 55.3



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: 150.59 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

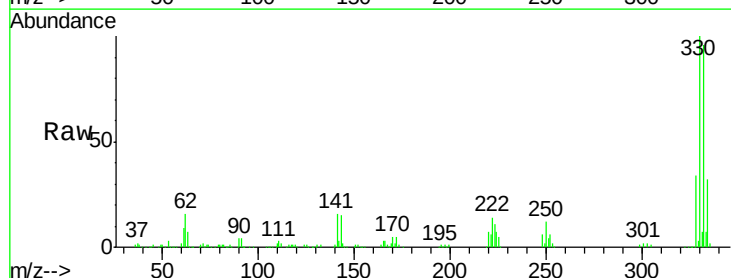
Tgt Ion:330 Resp: 322861

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

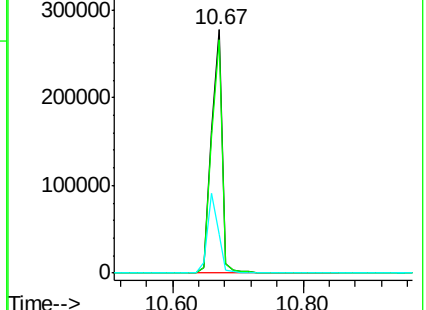
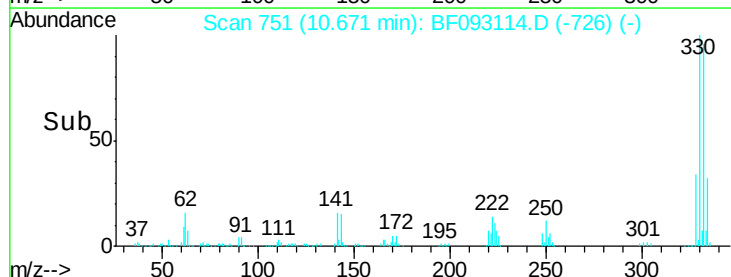
141 32.9 34.1 51.1#

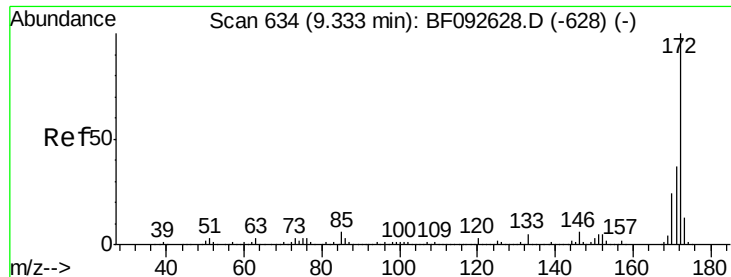


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

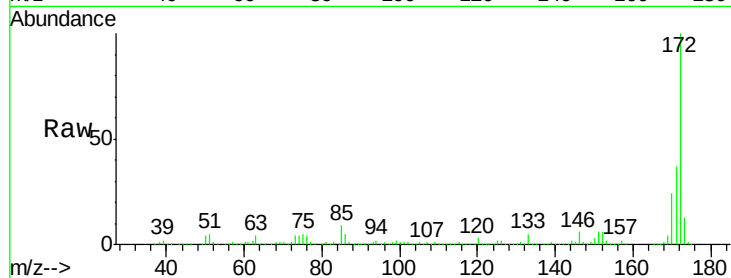




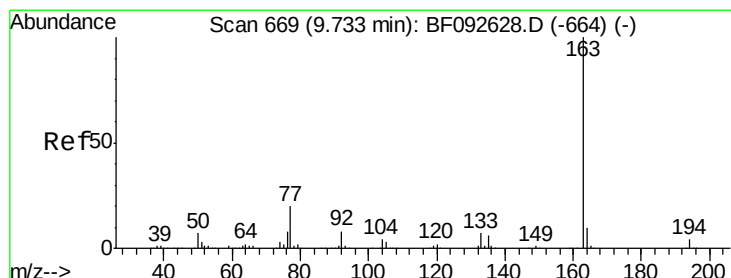
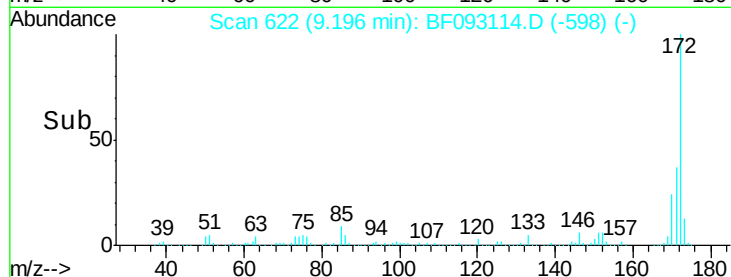
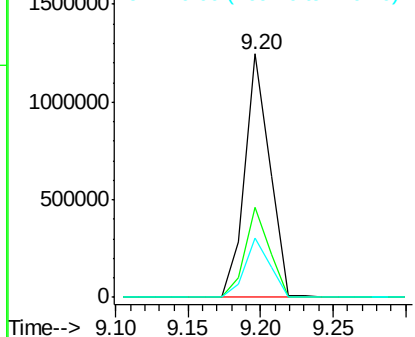
#44
2-Fluorobiphenyl
Concen: 91.08 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093114.D
Acq: 23 Feb 2017 19:49

Instrument :
BNA_F
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CLP-S-04(10-15)

Tgt Ion:172 Resp: 1490332
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.4 20.2 30.4

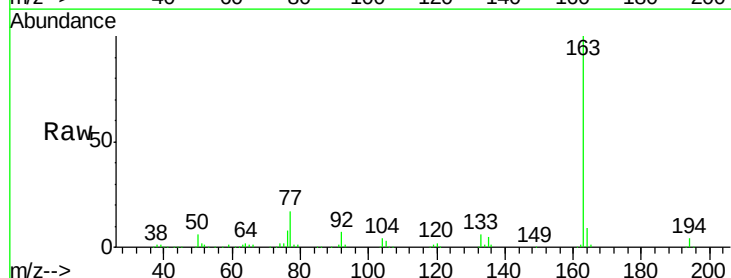


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

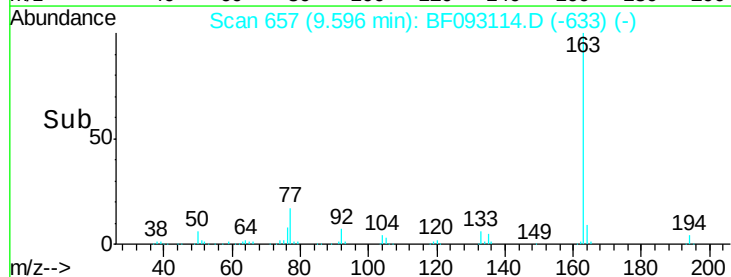
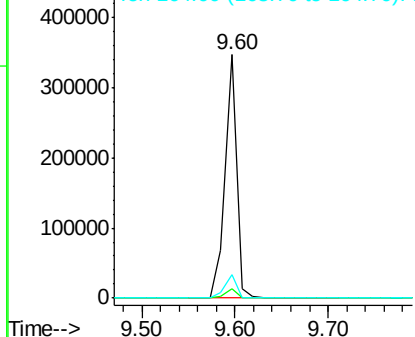


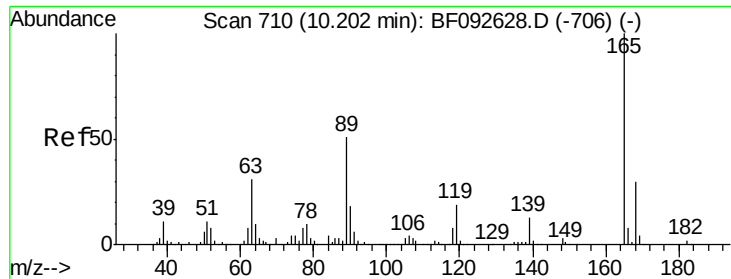
#49
Dimethylphthalate
Concen: 15.01 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093114.D
Acq: 23 Feb 2017 19:49

Tgt Ion:163 Resp: 299684
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.5 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

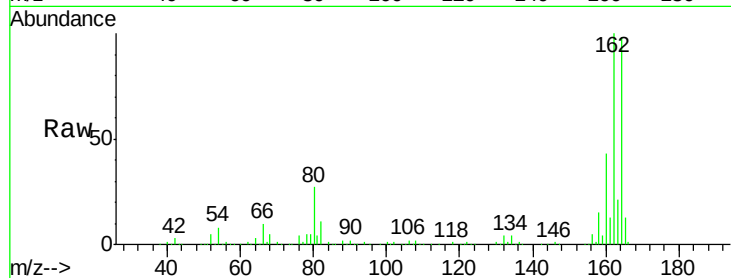




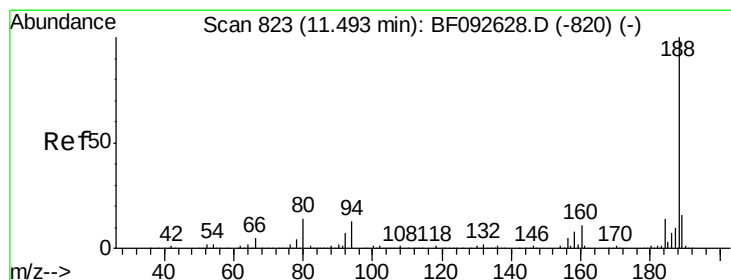
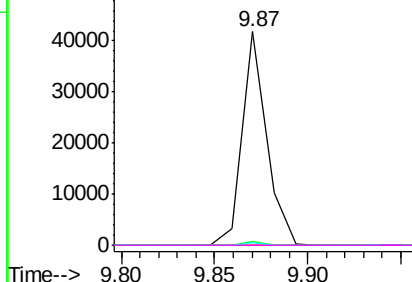
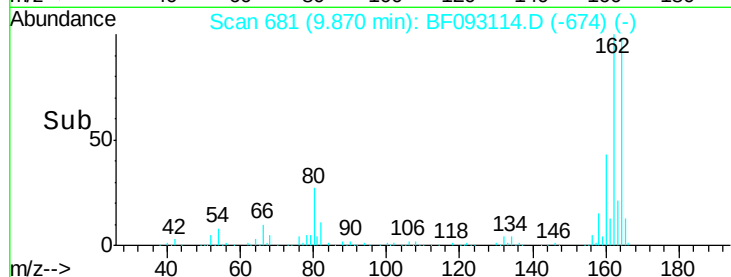
#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093114.D
 Acq: 23 Feb 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(10-15)

Tgt Ion:165 Resp: 38177
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.4 62.5 93.7#
 182 0.0 1.8 2.8#

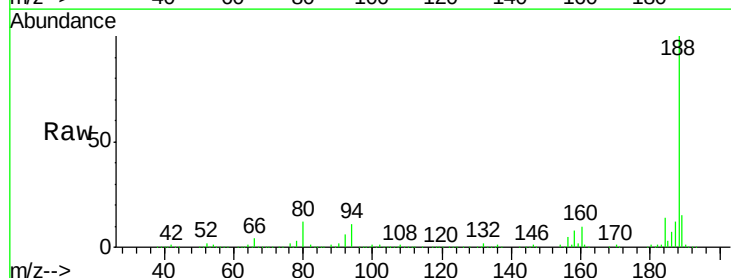


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

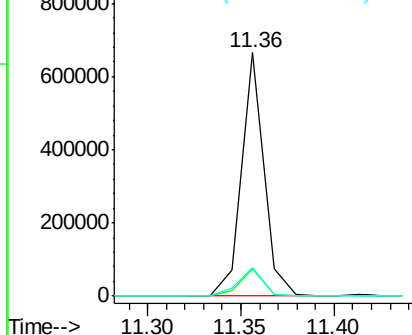
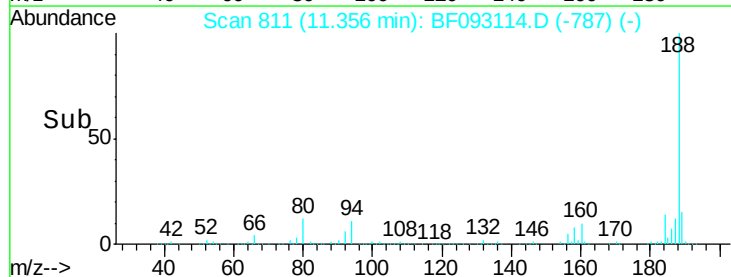


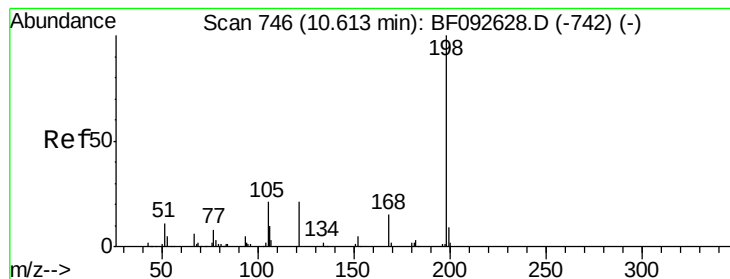
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093114.D
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Tgt Ion:188 Resp: 562164
 Ion Ratio Lower Upper
 188 100
 94 11.0 10.0 15.0
 80 11.9 11.2 16.8



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: BF093114.D

Acq: 23 Feb 2017 19:49

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(10-15)

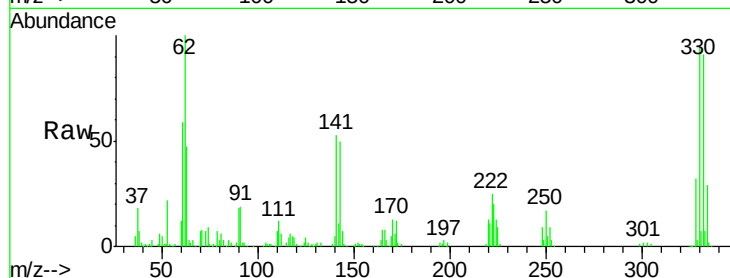
Tgt Ion:198 Resp: 703

Ion Ratio Lower Upper

198 100

51 232.9 6.7 46.7#

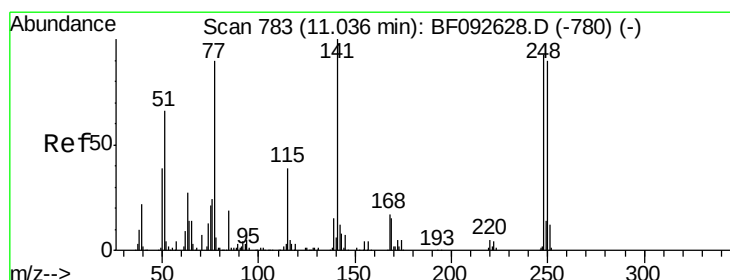
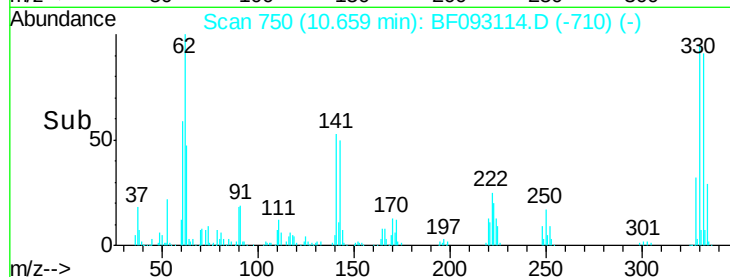
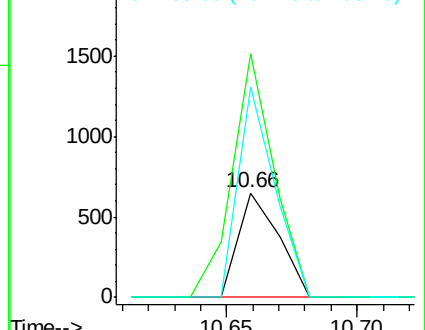
105 201.7 16.6 56.6#



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: 3.90 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

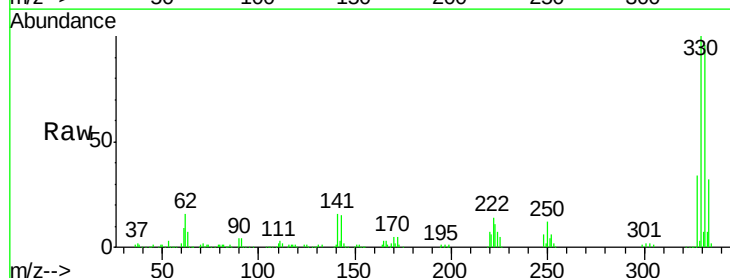
Tgt Ion:248 Resp: 22925

Ion Ratio Lower Upper

248 100

250 202.1 76.9 115.3#

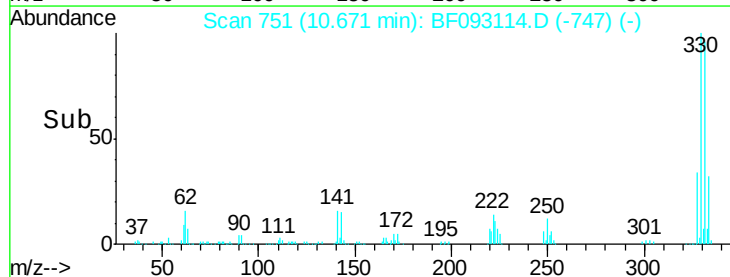
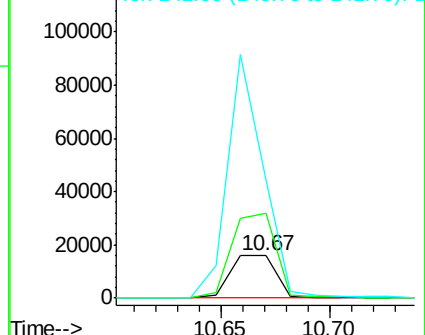
141 280.0 68.2 102.4#

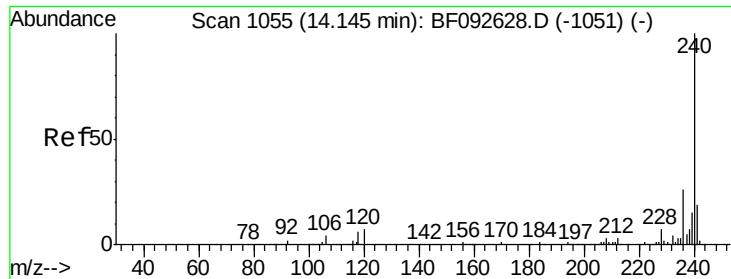


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093114.D

Acq: 23 Feb 2017 19:49

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(10-15)

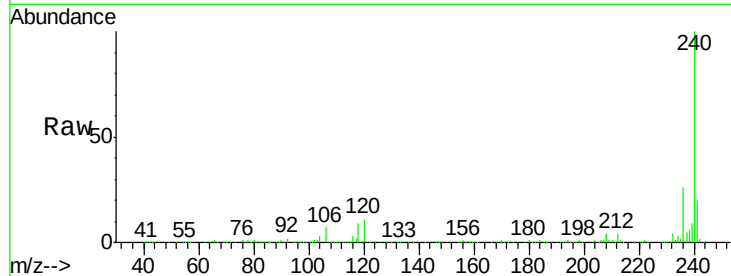
Tgt Ion:240 Resp: 504211

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

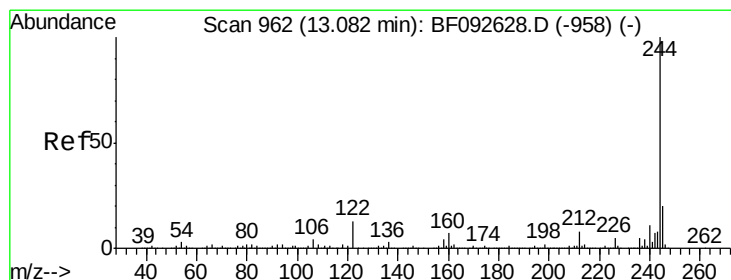
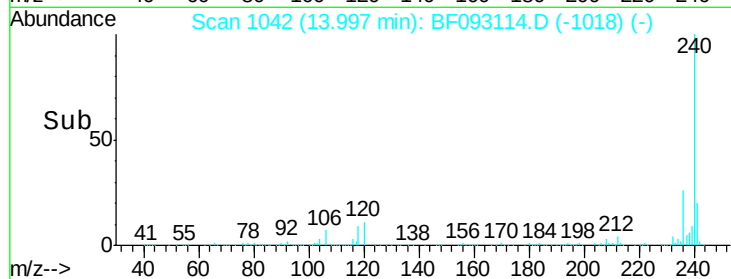
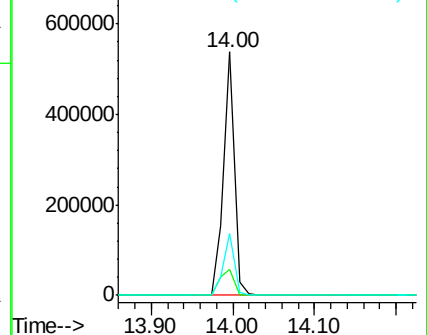
236 25.6 20.9 31.3



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: 60.13 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093114.D

Acq: 23 Feb 2017 19:49

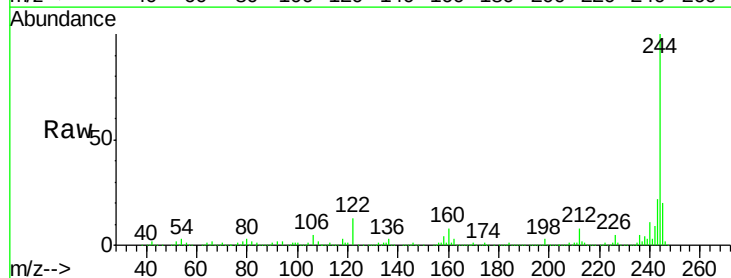
Tgt Ion:244 Resp: 1290263

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

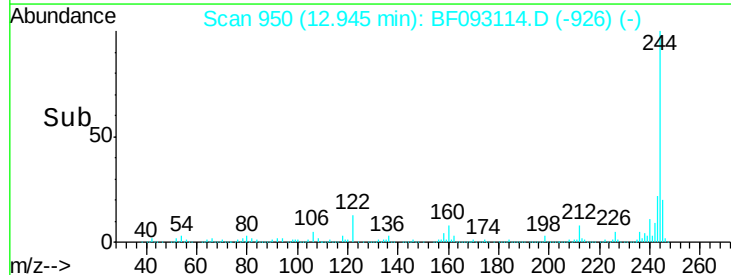
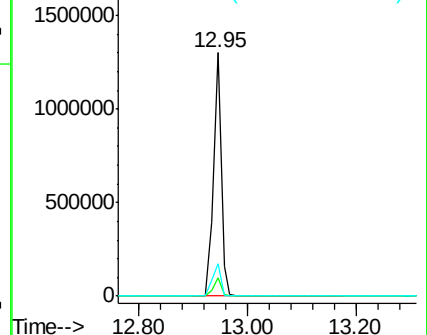
122 13.4 11.4 17.2

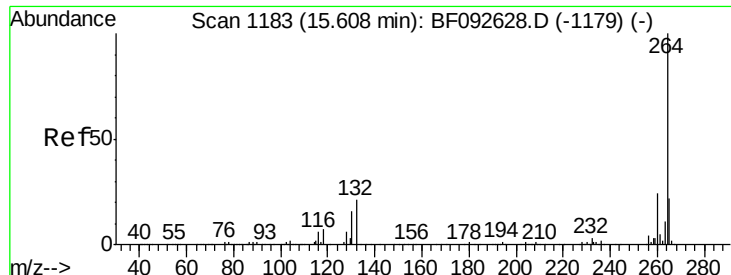


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093114.D
Acq: 23 Feb 2017 19:49

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(10-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.3	17.4	26.0

