

Data File : BF093122.D
Acq On : 23 Feb 2017 23:33
Operator : SJ/MA
Sample : I1954-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Quant Time: Feb 24 00:35:38 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	163337	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	613869	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	272376	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	428016	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	318767	20.00	ng	-0.02
86) Perylene-d12	15.43	264	297212	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1025828	107.75	ng	-0.01
7) Phenol-d6	6.49	99	1490763	121.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	869405	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	234816	119.20	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1314666	87.44	ng	-0.01
78) Terphenyl-d14	12.95	244	808292	59.58	ng	-0.02

Target Compounds						Qvalue
10) Phenol	6.50	94	46075	3.21	ng	# 64
19) n-Nitroso-di-n-propylamine	7.41	70	119561	15.33	ng	# 80
25) Isophorone	7.41	82	646869	31.49	ng	# 65
49) Dimethylphthalate	9.60	163	139685	7.61	ng	97
56) 2,4-Dinitrotoluene	9.88	165	34576	6.55	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	548	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	17079	3.82	ng	# 1
70) Phenanthrene	11.38	178	93400	3.81	ng	96
77) Pyrene	12.80	202	59921	2.51	ng	99

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

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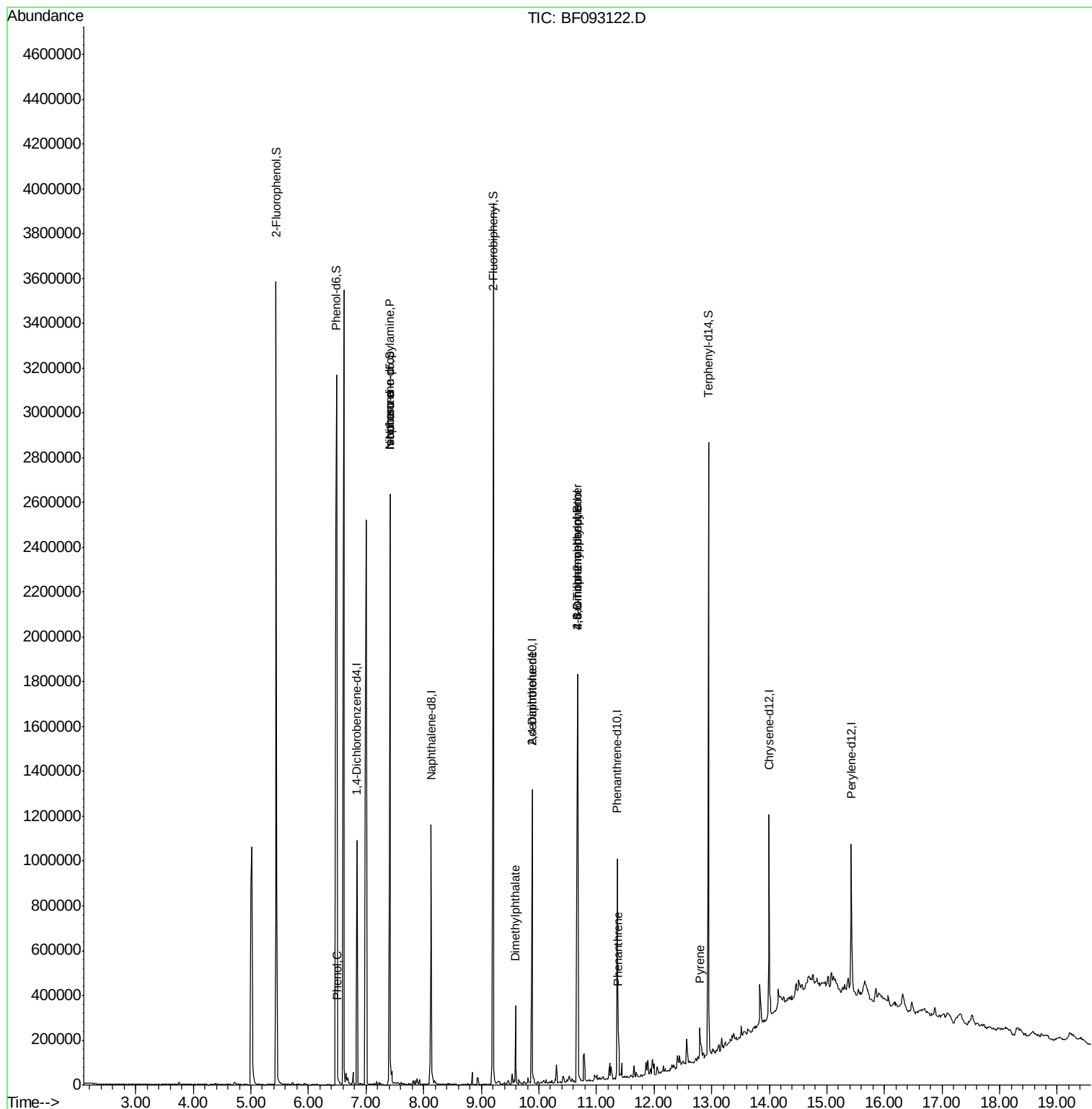
Quant Time: Feb 24 00:35:38 2017

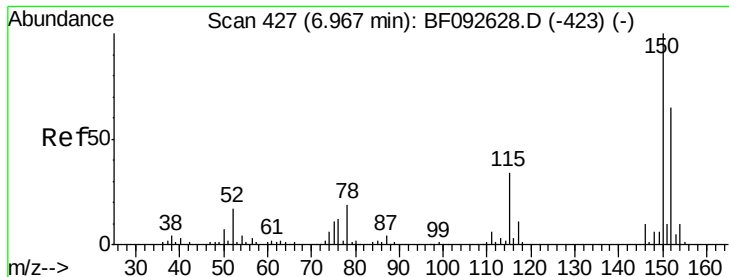
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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

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Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

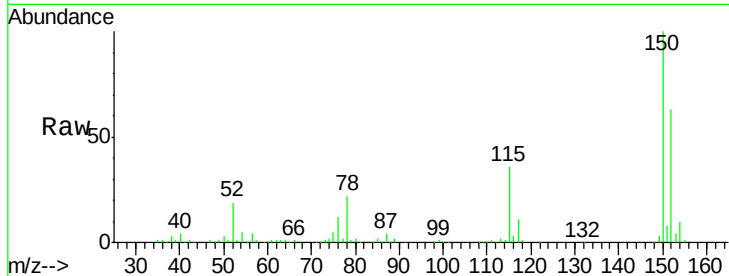
Tgt Ion:152 Resp: 163337

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

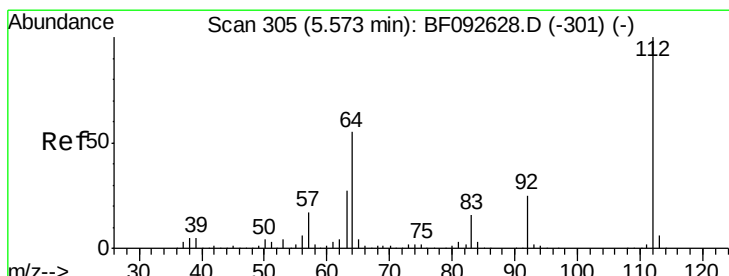
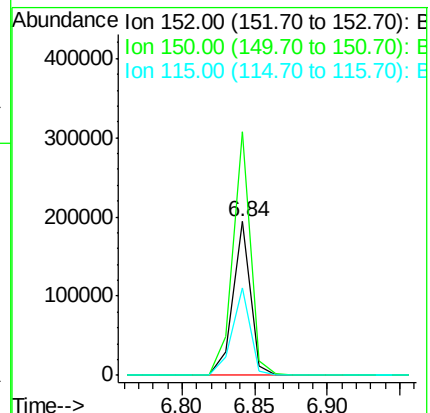
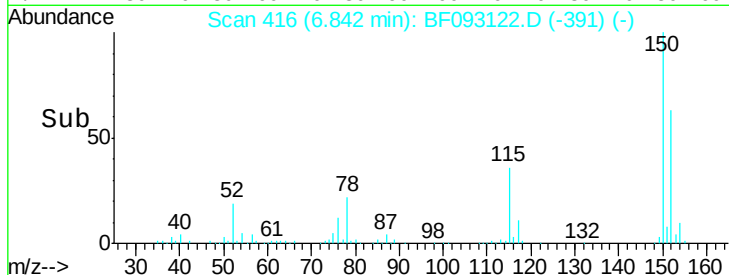
115 56.8 46.0 69.0



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: 107.75 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

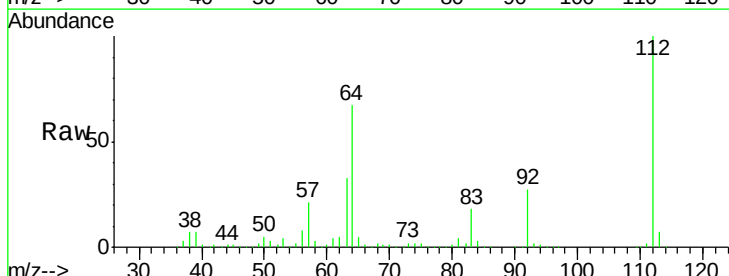
Tgt Ion:112 Resp: 1025828

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

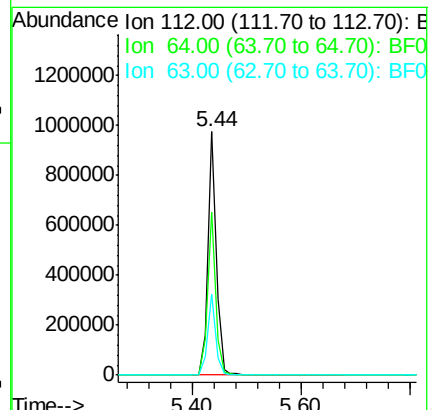
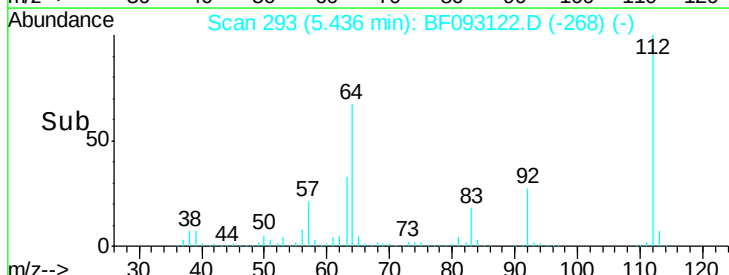
63 33.5 23.8 35.6

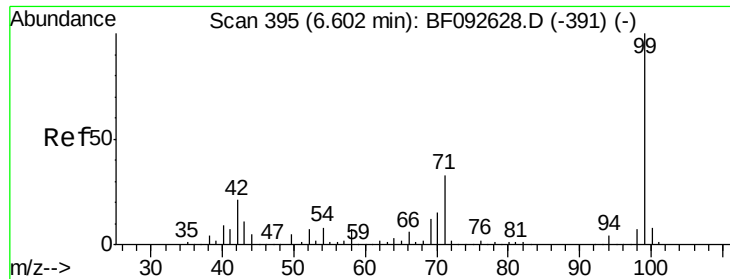


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.70 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

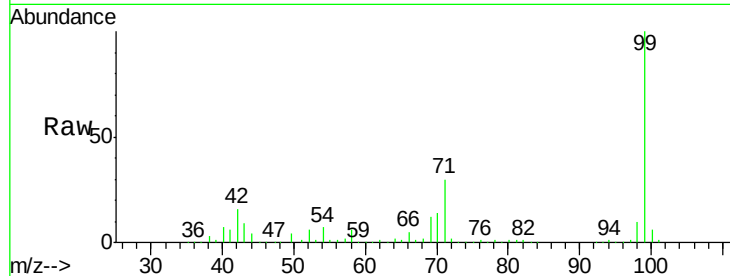
Tgt Ion: 99 Resp: 1490763

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

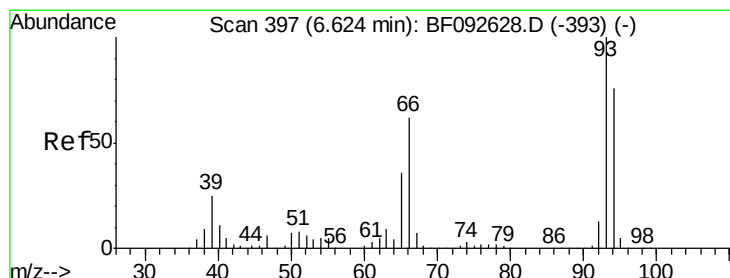
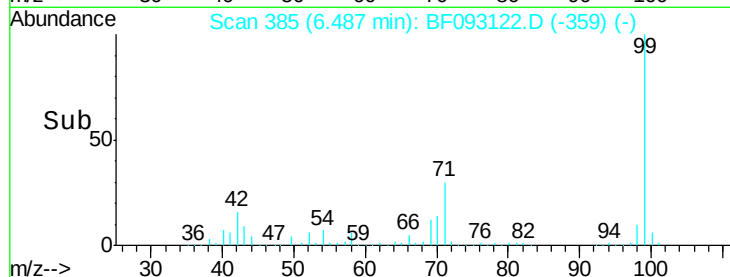
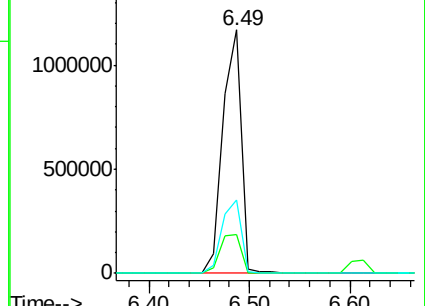
71 29.9 27.5 41.3



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: 3.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

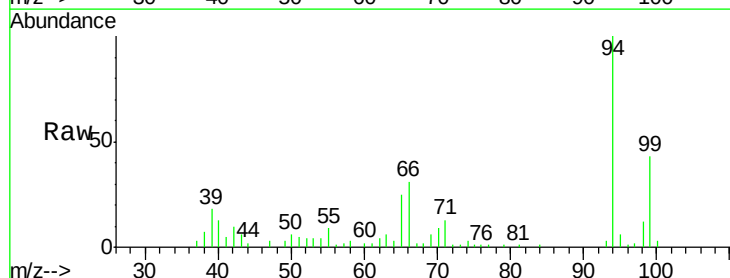
Tgt Ion: 94 Resp: 46075

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

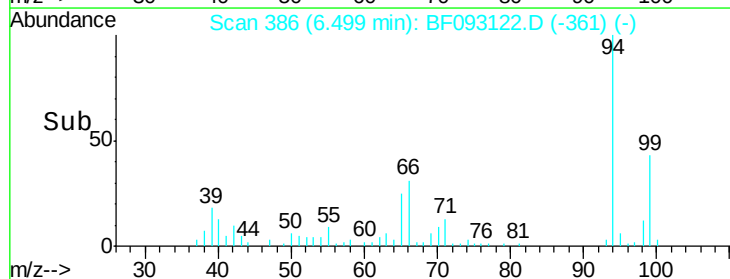
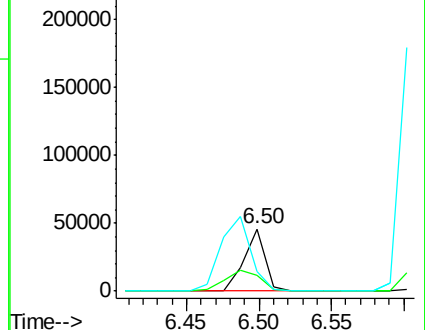
66 31.5 44.0 84.0#

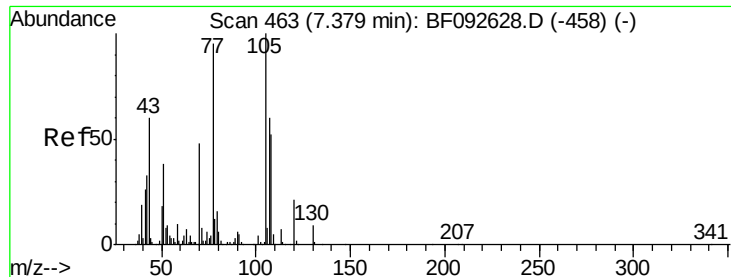


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

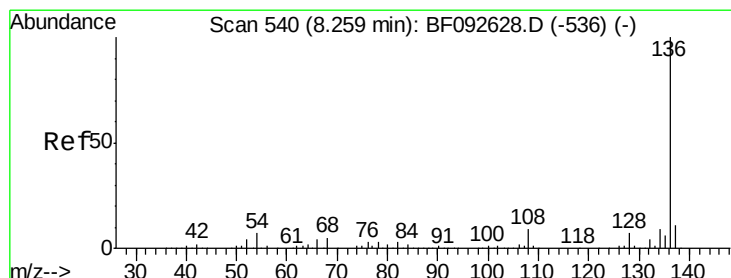
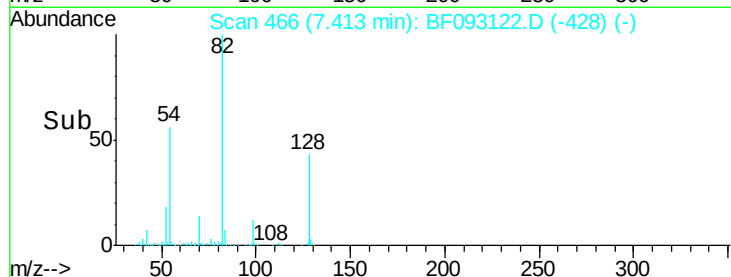
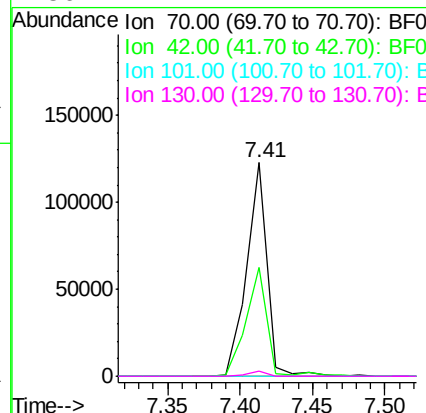
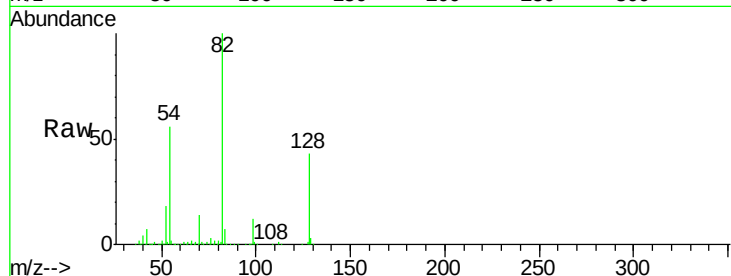




#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

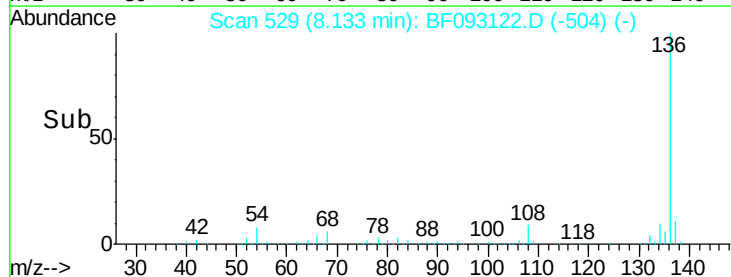
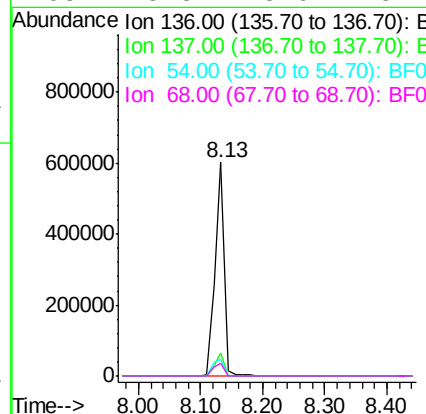
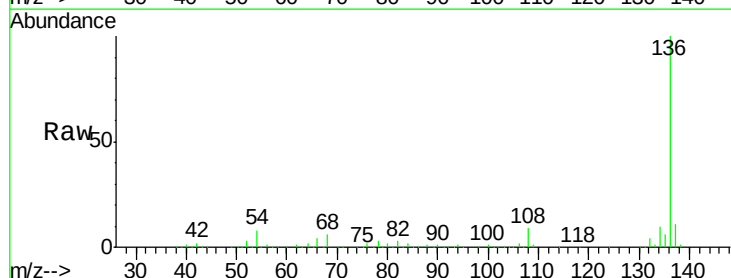
Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

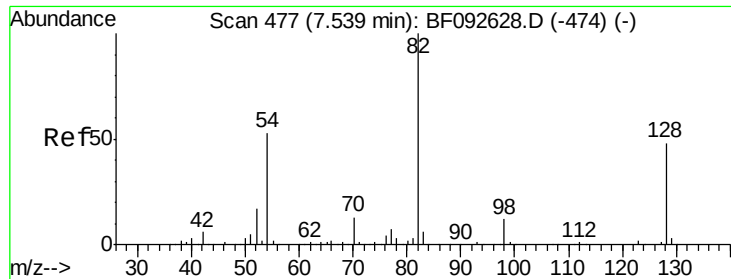
Tgt Ion: 70 Resp: 119561
Ion Ratio Lower Upper
70 100
42 50.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion: 136 Resp: 613869
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 4.5 6.7#
68 5.8 3.6 5.4#

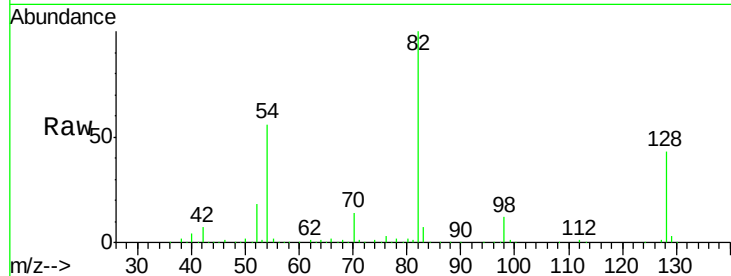




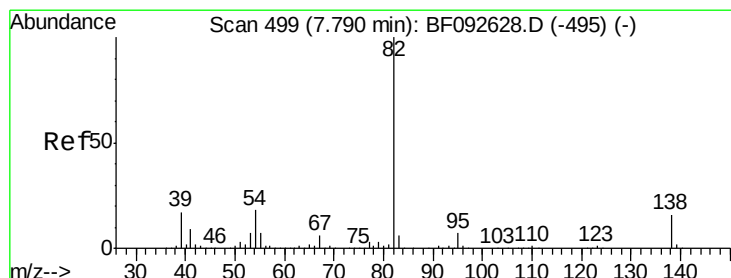
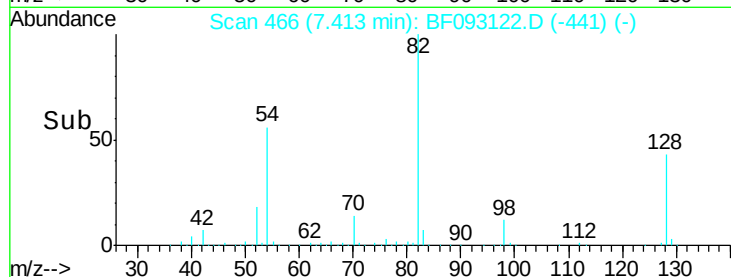
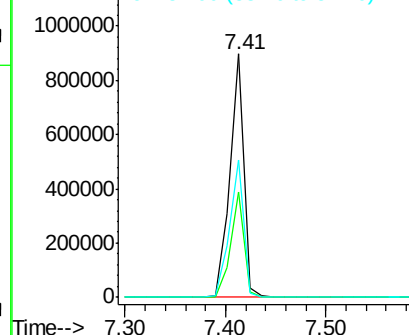
#23
 Nitrobenzene-d5
 Concen: 78.87 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

Tgt Ion: 82 Resp: 869405
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 56.2 39.5 59.3

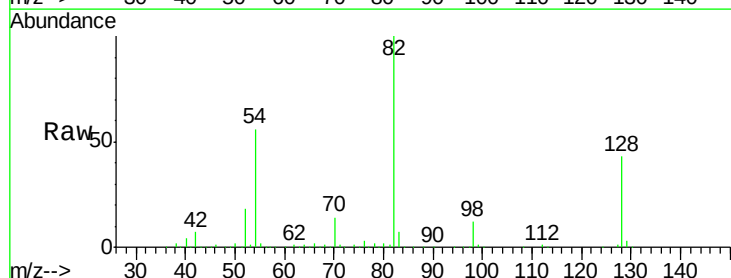


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

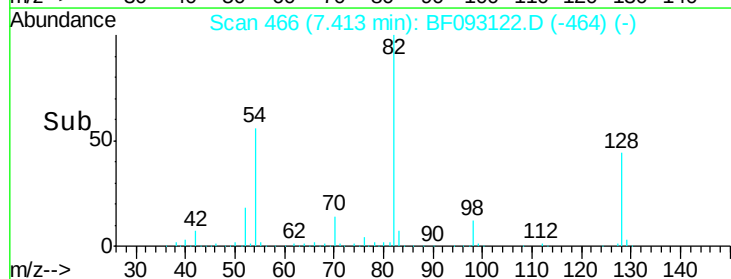
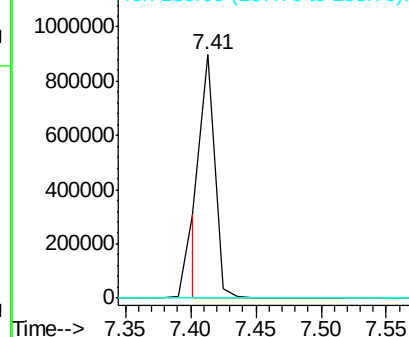


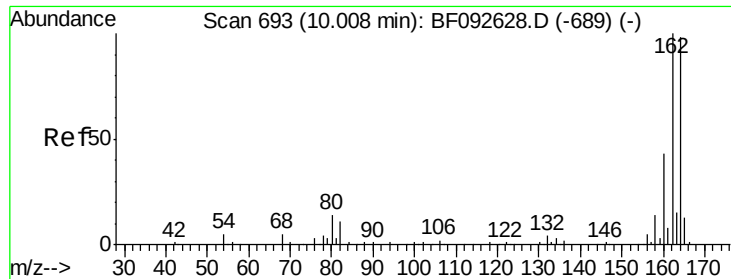
#25
 Isophorone
 Concen: 31.49 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Tgt Ion: 82 Resp: 646869
 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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

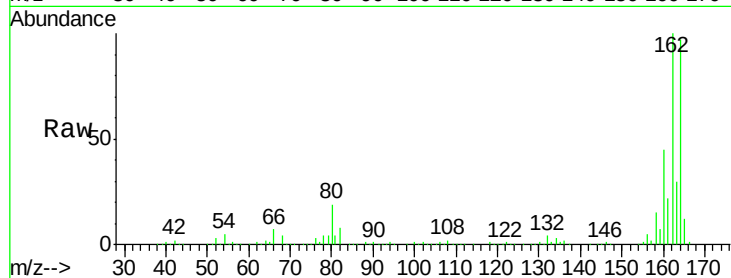
Tgt Ion:164 Resp: 272376

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

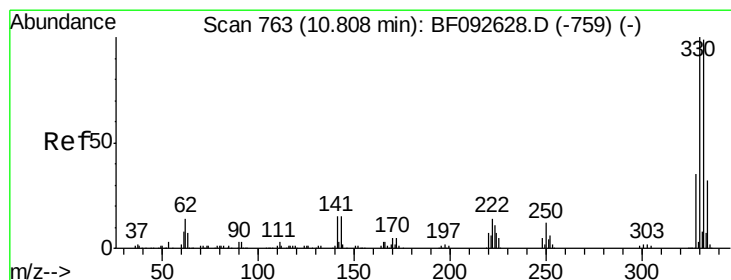
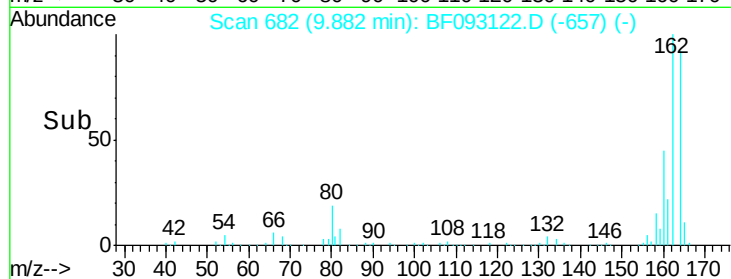
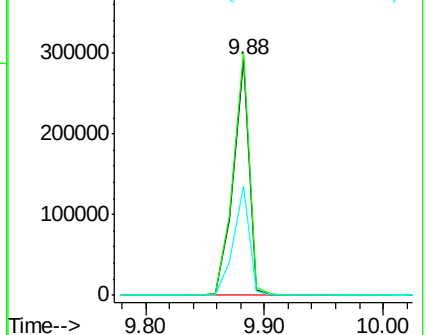
160 46.1 36.9 55.3



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: 119.20 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

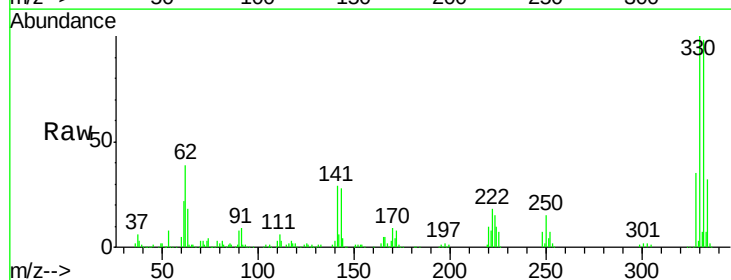
Tgt Ion:330 Resp: 234816

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

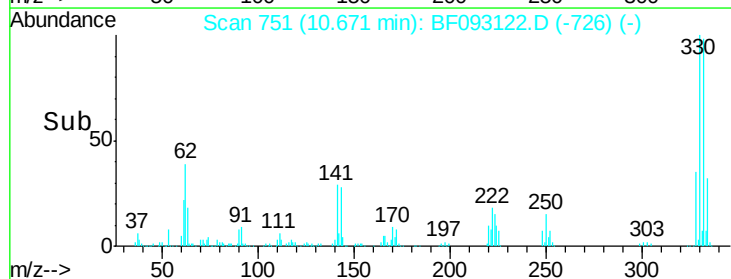
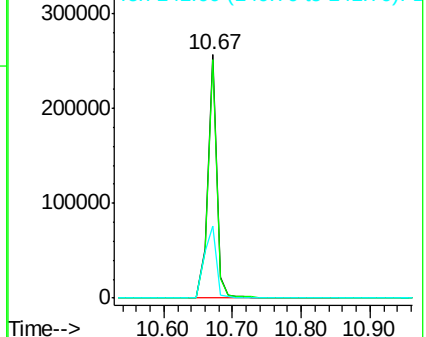
141 39.1 34.1 51.1

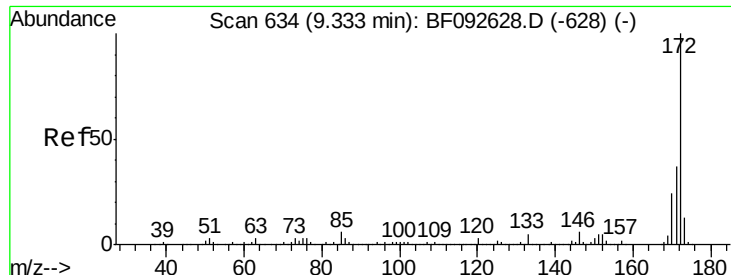


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

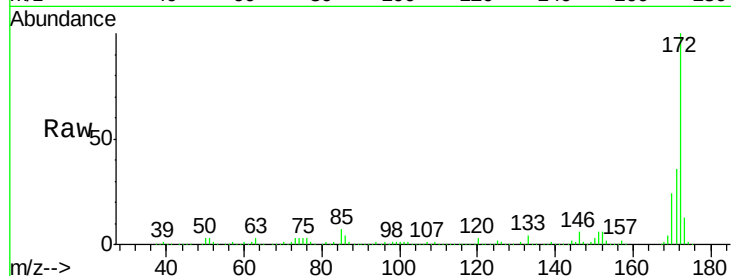




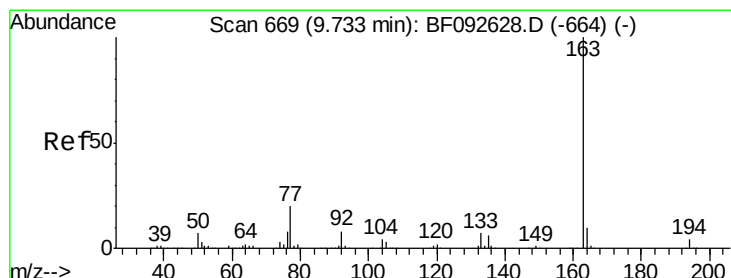
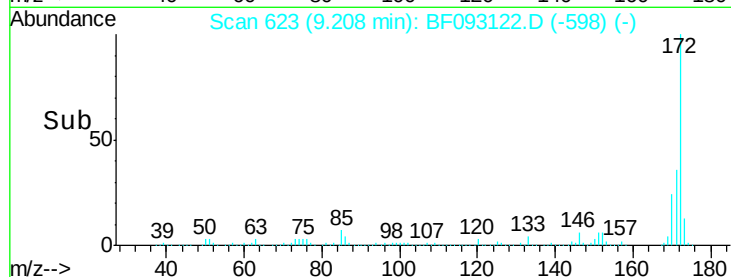
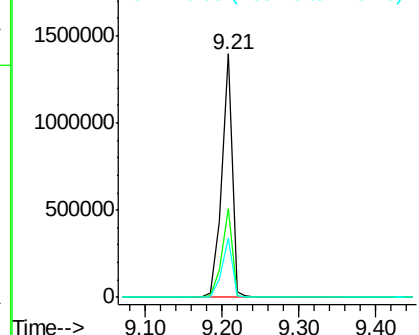
#44
 2-Fluorobiphenyl
 Concen: 87.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

Tgt Ion:172 Resp: 1314666
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.2 20.2 30.4

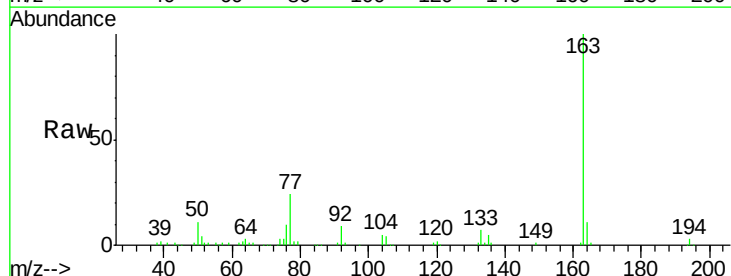


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

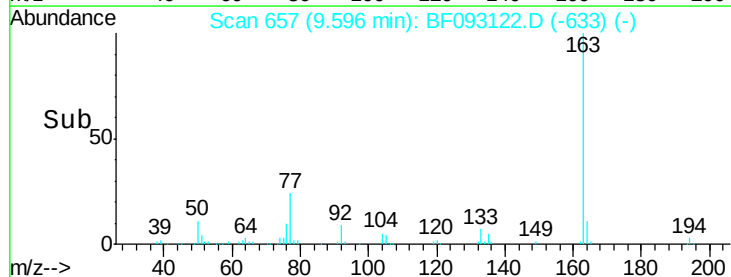
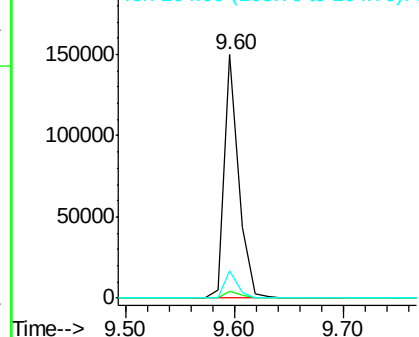


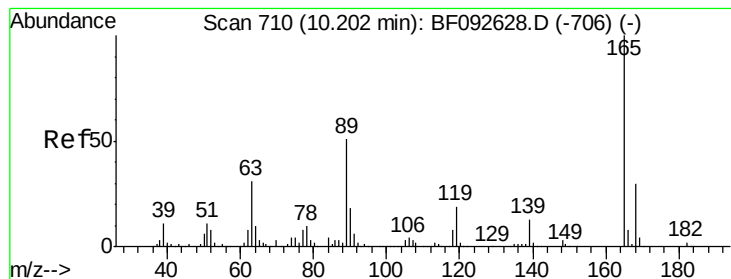
#49
 Dimethylphthalate
 Concen: 7.61 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Tgt Ion:163 Resp: 139685
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 11.1 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: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

Tgt Ion:165 Resp: 34576

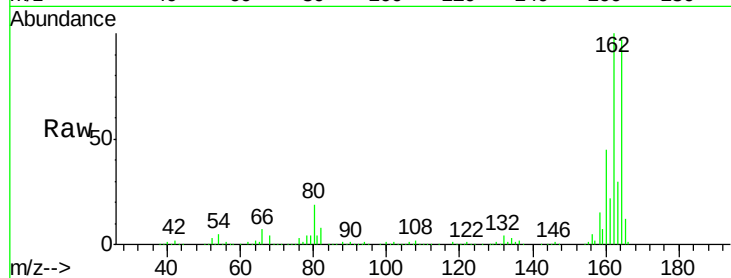
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 1.9 62.5 93.7#

182 0.0 1.8 2.8#

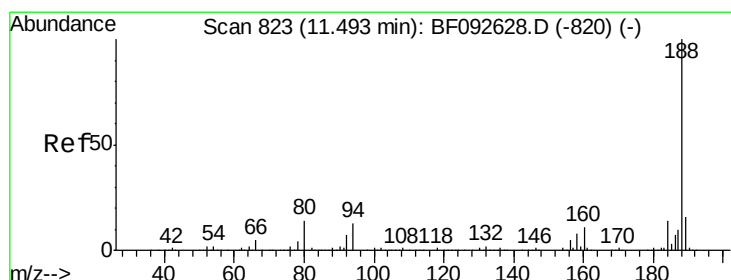
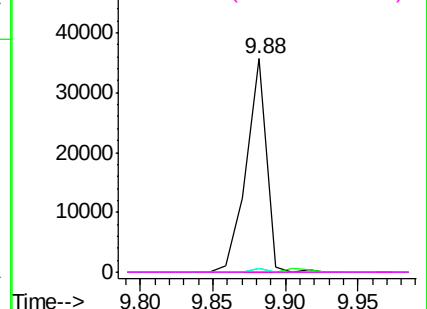
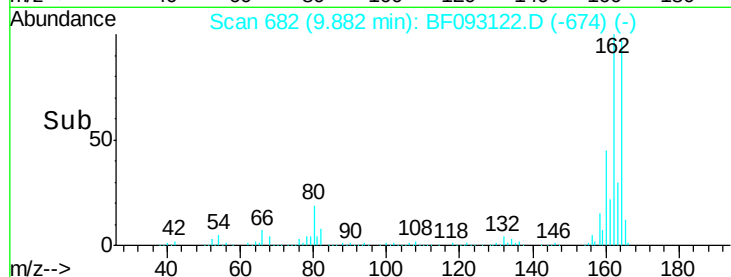


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093122.D

Acq: 23 Feb 2017 23:33

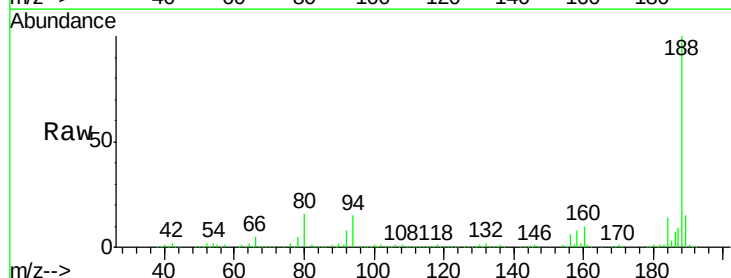
Tgt Ion:188 Resp: 428016

Ion Ratio Lower Upper

188 100

94 14.9 10.0 15.0

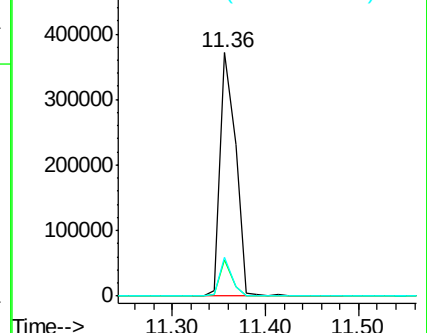
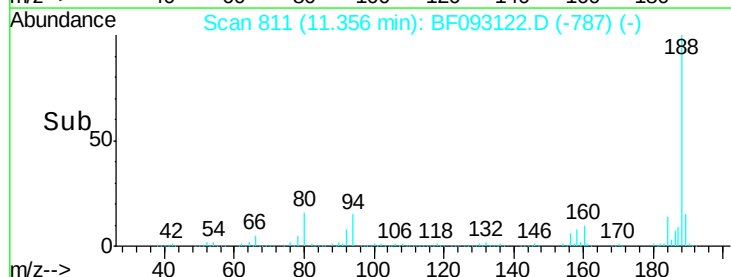
80 15.8 11.2 16.8

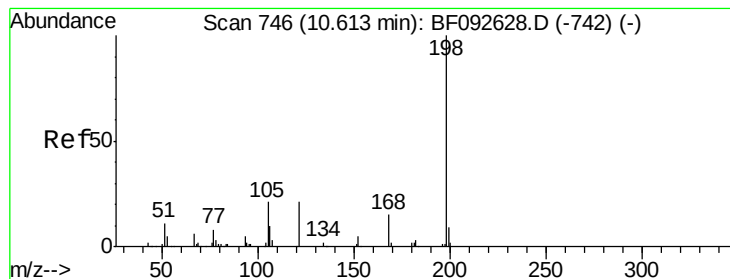


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.87 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

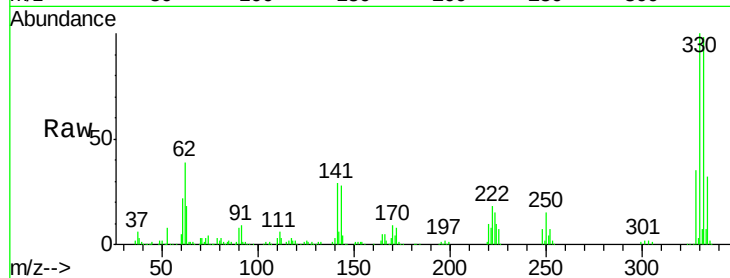
Tgt Ion:198 Resp: 548

Ion Ratio Lower Upper

198 100

51 165.1 6.7 46.7#

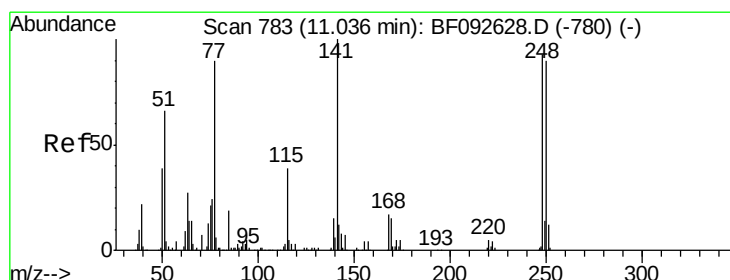
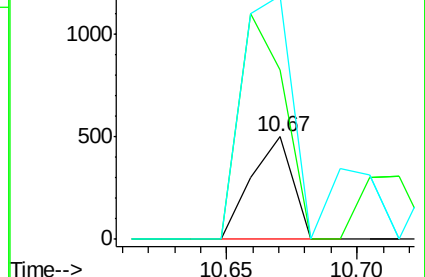
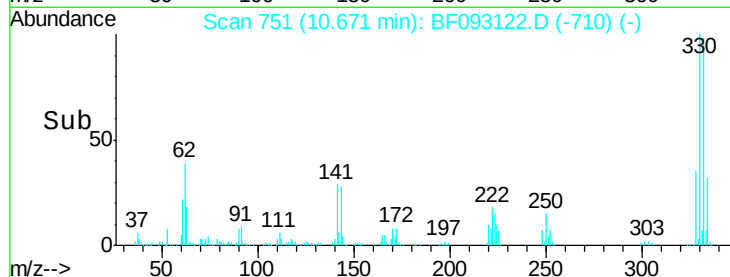
105 238.1 16.6 56.6#



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: 3.82 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

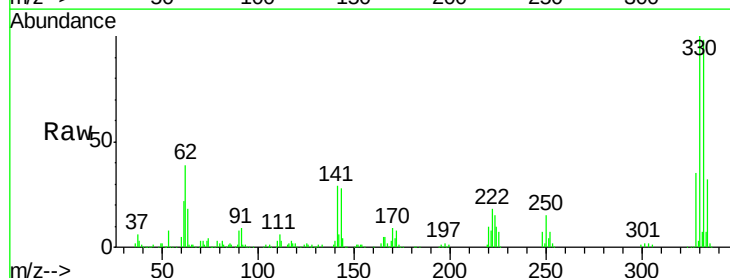
Tgt Ion:248 Resp: 17079

Ion Ratio Lower Upper

248 100

250 208.4 76.9 115.3#

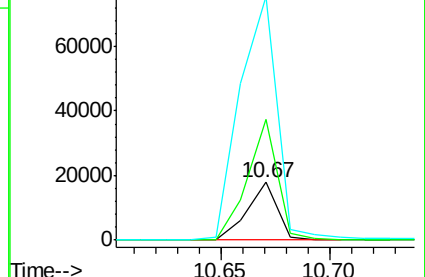
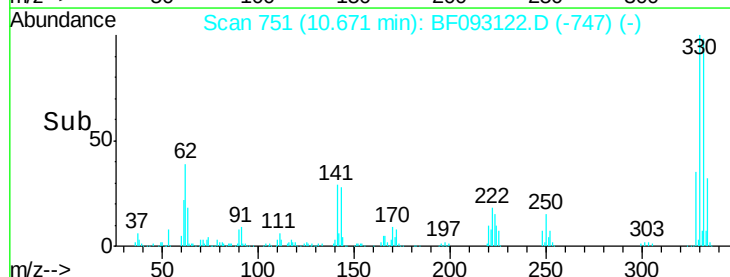
141 420.6 68.2 102.4#

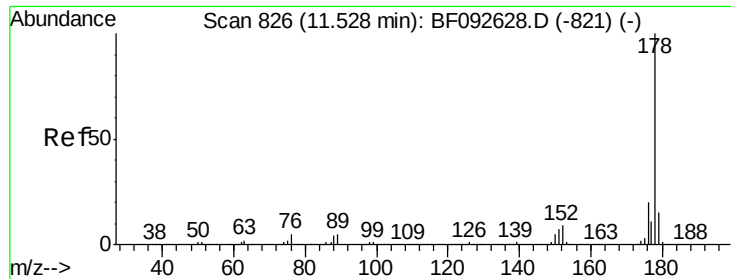


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

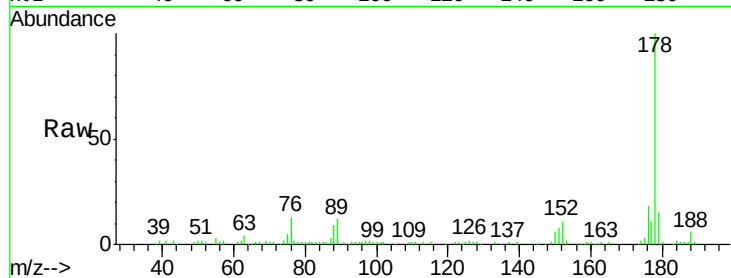




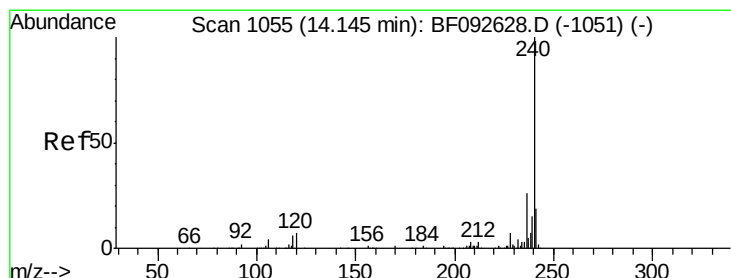
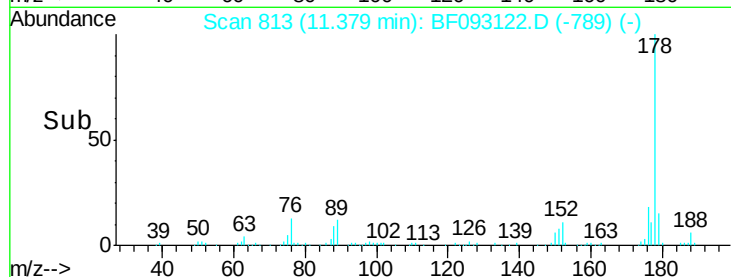
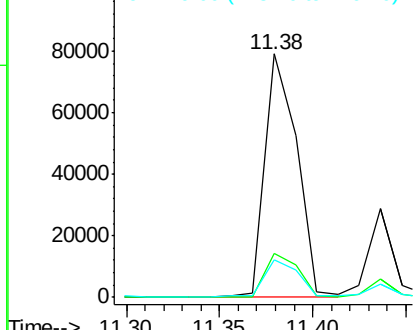
#70
Phenanthrene
Concen: 3.81 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:178 Resp: 93400
Ion Ratio Lower Upper
178 100
176 18.1 16.6 25.0
179 15.2 12.8 19.2

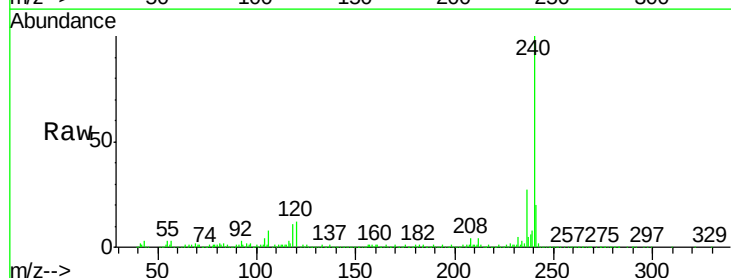


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

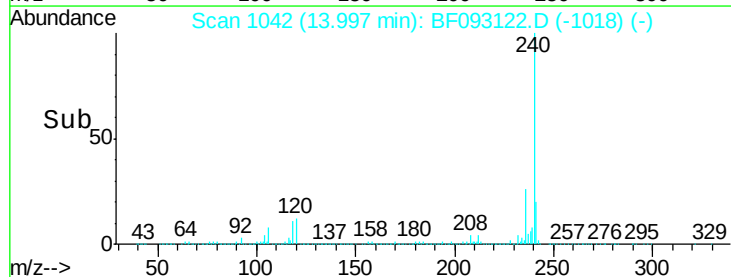
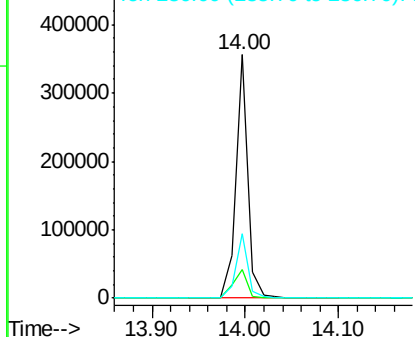


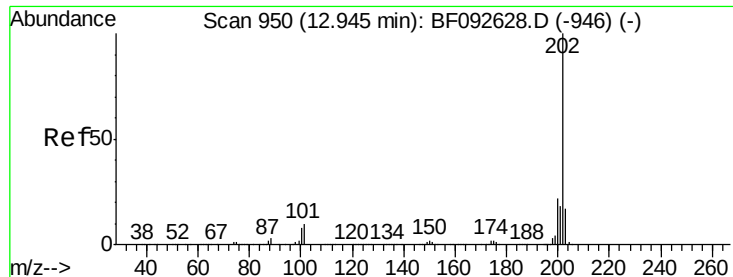
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:240 Resp: 318767
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 26.5 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





#77

Pyrene

Concen: 2.51 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

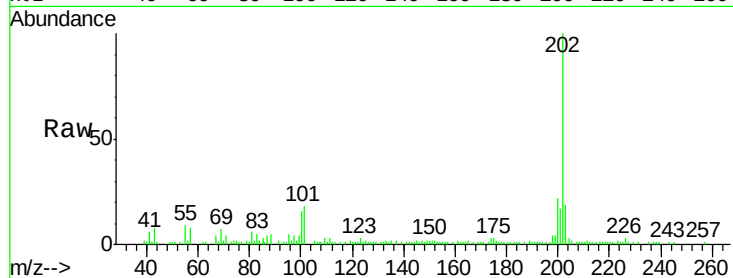
Tgt Ion:202 Resp: 59921

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

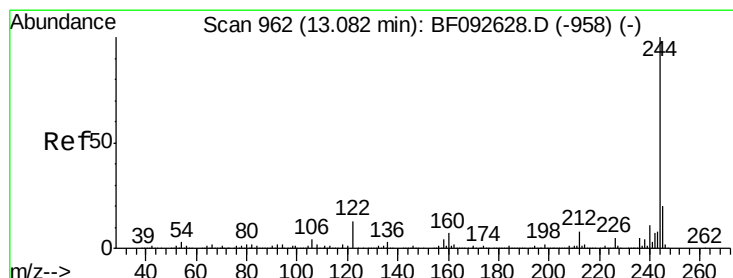
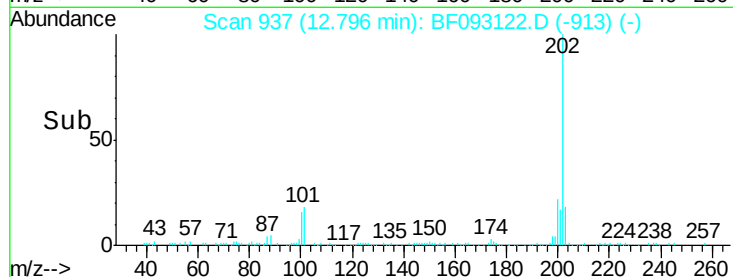
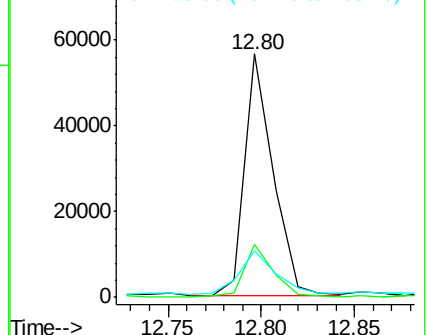
203 19.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.58 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

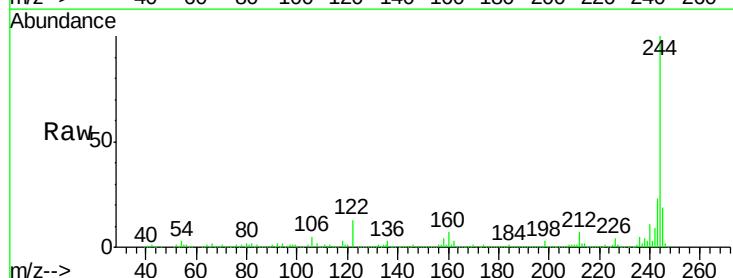
Tgt Ion:244 Resp: 808292

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

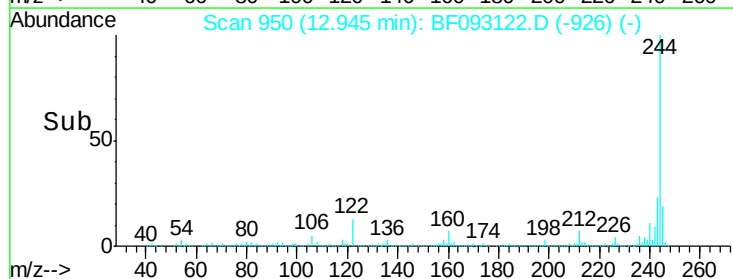
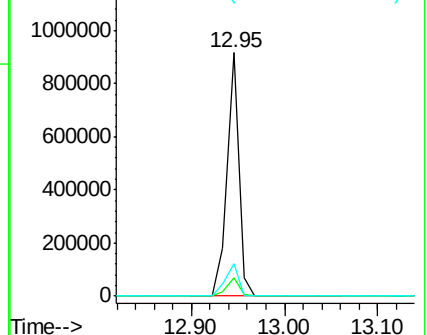
122 13.4 11.4 17.2

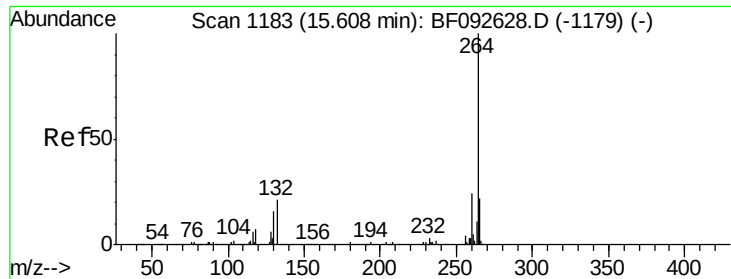


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

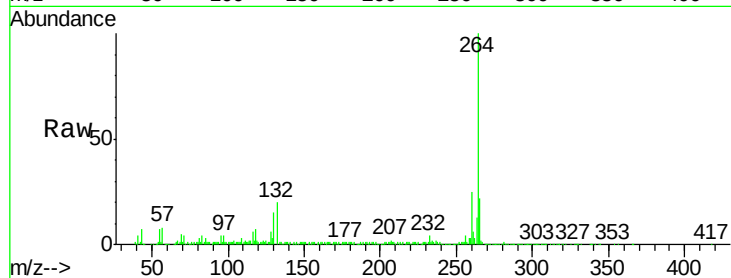




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	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

