

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093380.D
 Acq On : 4 Mar 2017 1:08
 Operator : SJ/MA
 Sample : I2078-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Mar 04 02:15:58 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

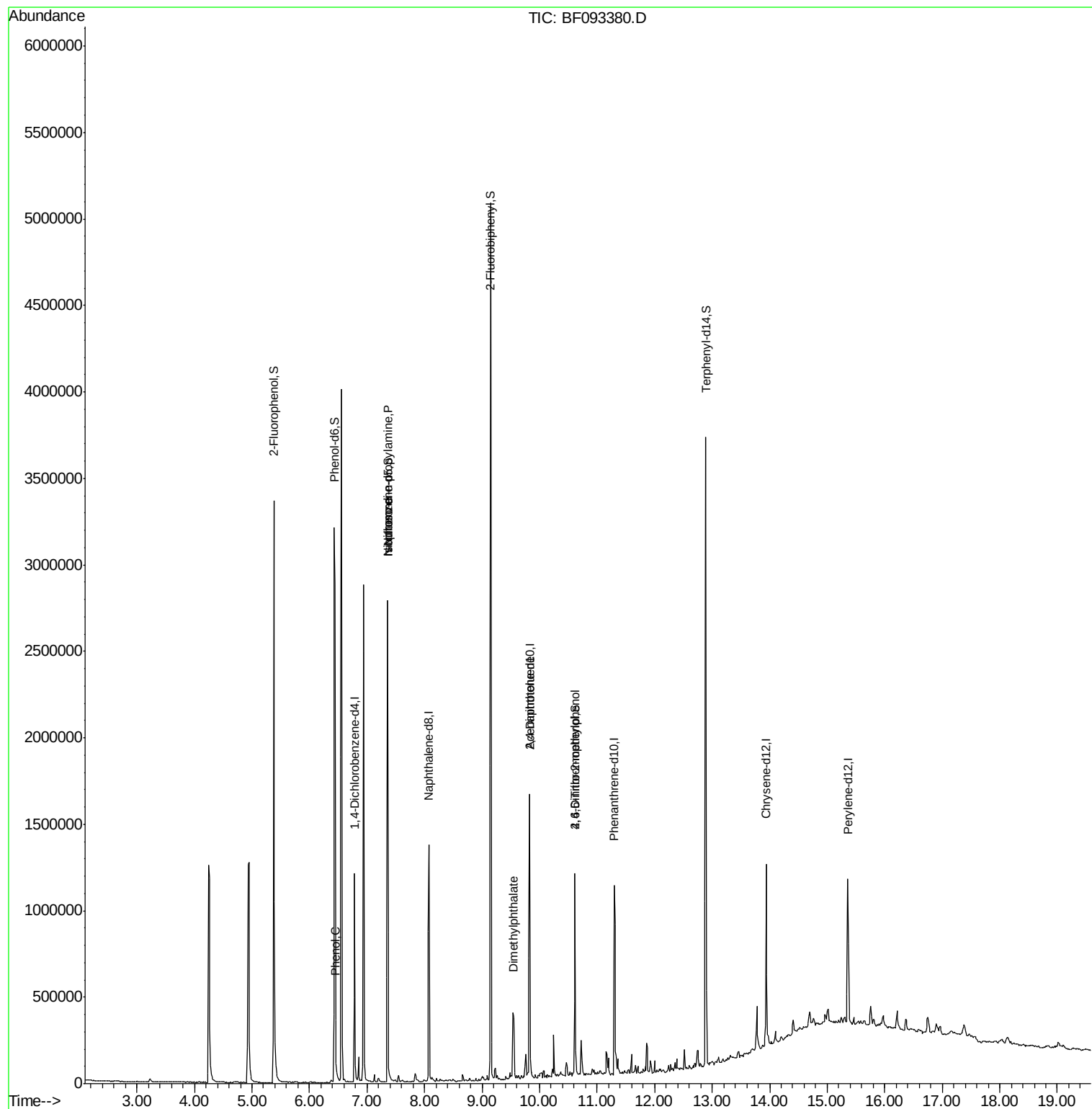
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	205659	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	794677	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	356666	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	561507	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	395243	20.00	ng	-0.08
86) Perylene-d12	15.36	264	340220	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	979570	81.72	ng	-0.07
7) Phenol-d6	6.43	99	1681377	109.01	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1030581	72.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	134407	52.10	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1662237	84.43	ng	-0.07
78) Terphenyl-d14	12.89	244	1128615	67.09	ng	-0.08
Target Compounds						
10) Phenol	6.45	94	94426	5.23	ng	# 67
19) n-Nitroso-di-n-propylamine	7.36	70	139297	14.19	ng	# 83
25) Isophorone	7.36	82	880296	33.10	ng	# 65
49) Dimethylphthalate	9.55	163	228849	9.53	ng	# 98
56) 2,4-Dinitrotoluene	9.82	165	47897	6.93	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	251	2.74	ng	# 1

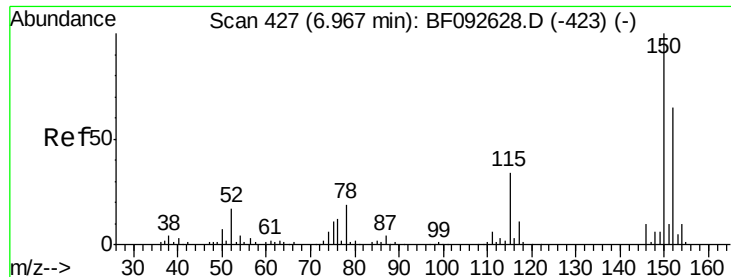
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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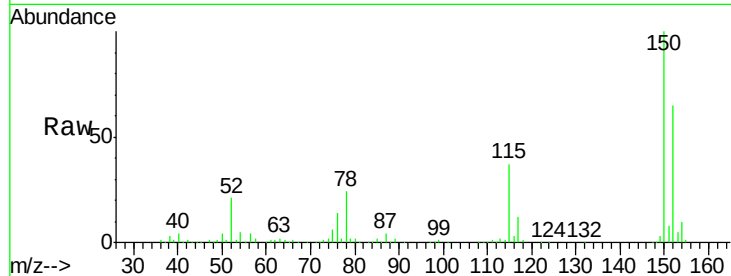




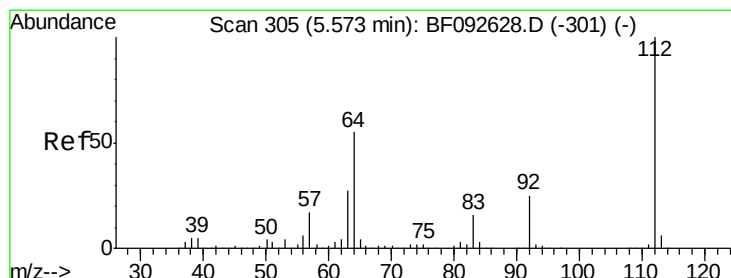
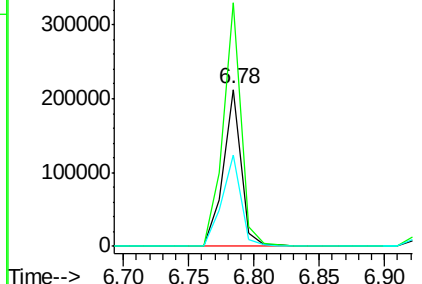
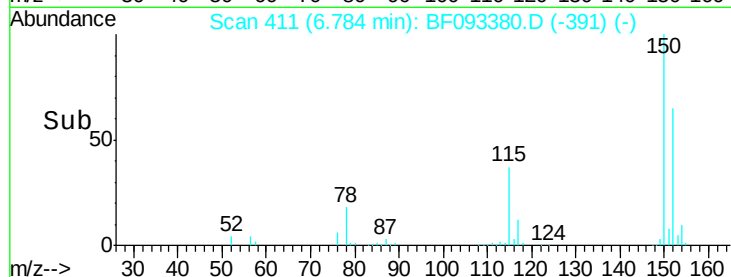
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Instrument :
 BNA_F
 ClientSampled :
 C-3

Tgt Ion:152 Resp: 205659
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 57.7 46.0 69.0

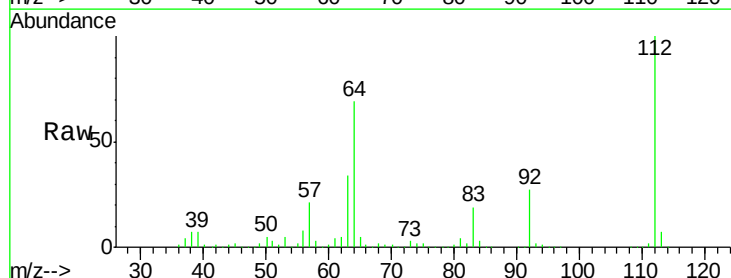


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

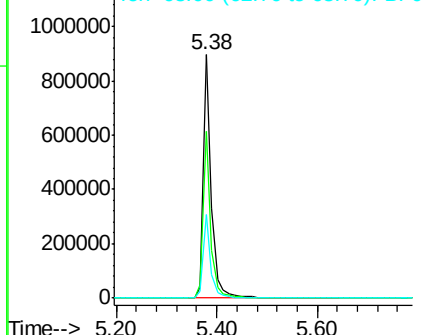
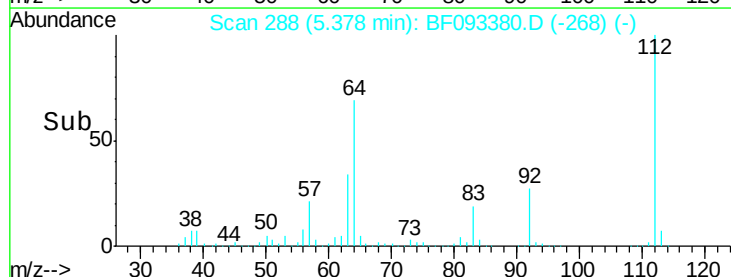


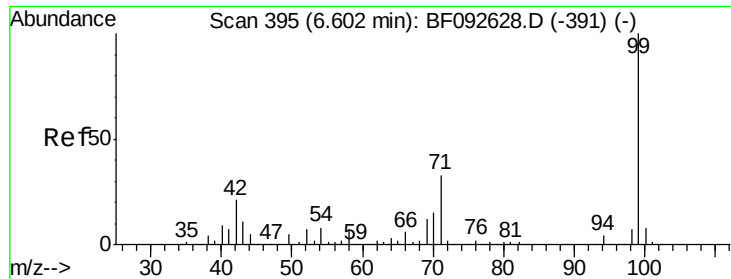
#5
 2-Fluorophenol
 Concen: 81.72 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Tgt Ion:112 Resp: 979570
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.1 69.1
 63 34.2 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: 109.01 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

Instrument :

BNA_F

ClientSampled :

C-3

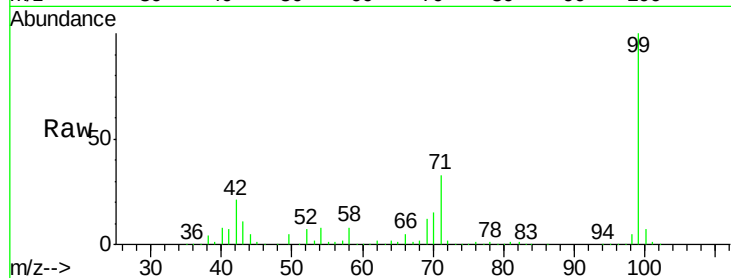
Tgt Ion: 99 Resp: 1681377

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

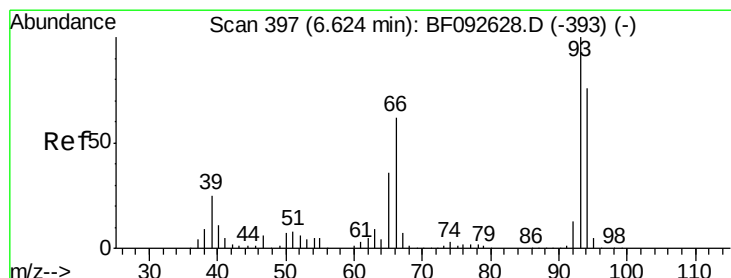
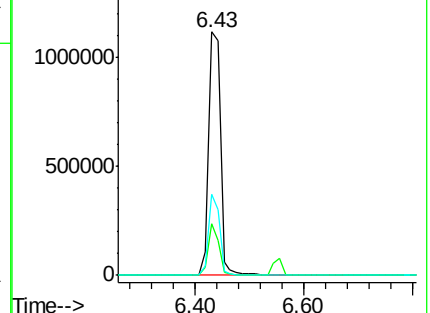
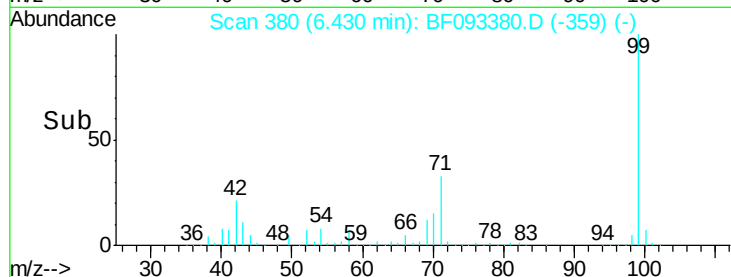
71 33.1 27.5 41.3



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: 5.23 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

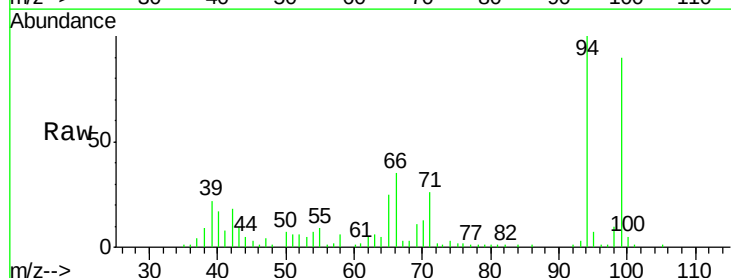
Tgt Ion: 94 Resp: 94426

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

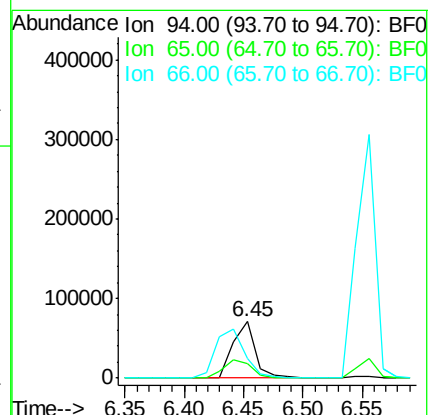
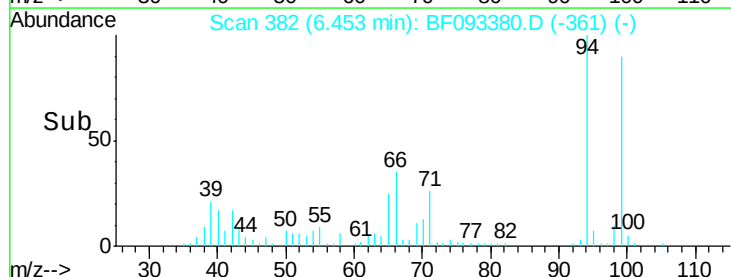
66 34.6 44.0 84.0#

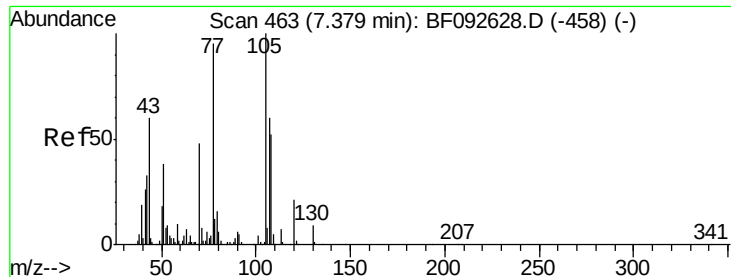


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

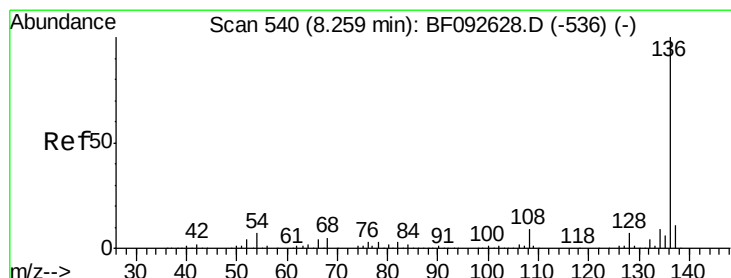
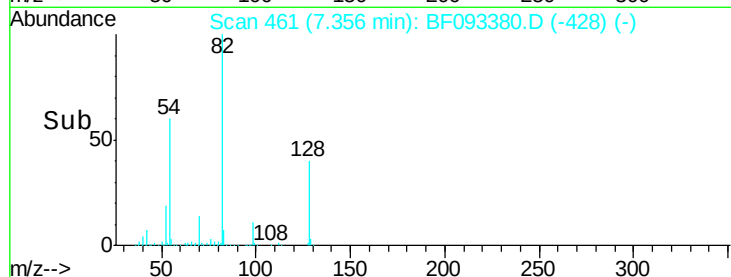
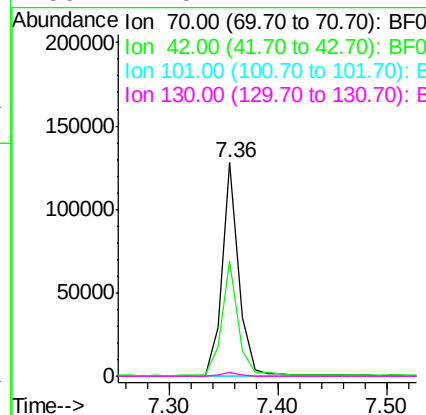
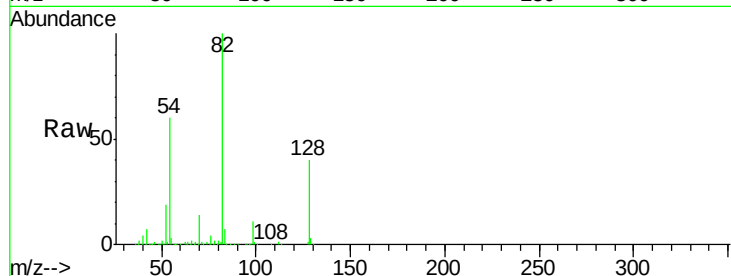




#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093380.D
Acq: 4 Mar 2017 1:08

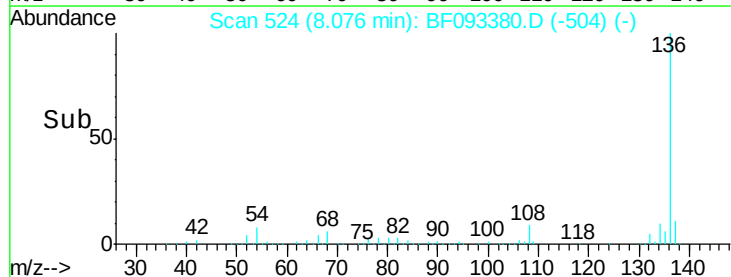
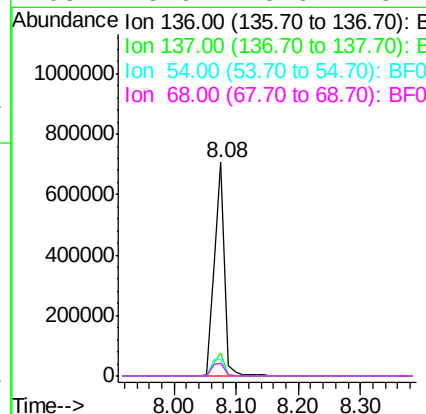
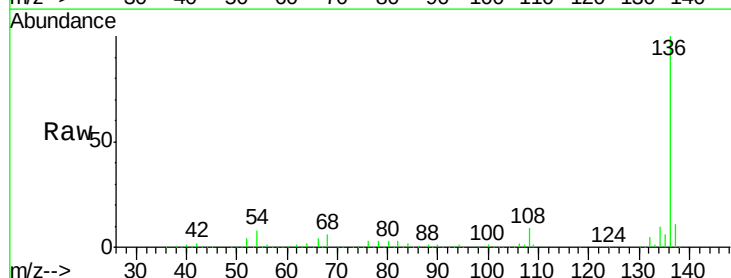
Instrument :
BNA_F
ClientSampleId :
C-3

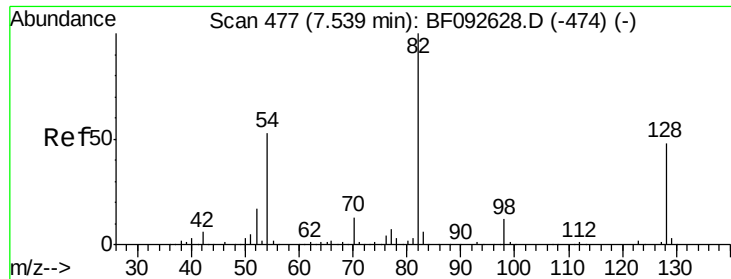
Tgt Ion:	70	Resp:	139297
Ion	Ratio	Lower	Upper
70	100		
42	53.9	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093380.D
Acq: 4 Mar 2017 1:08

Tgt Ion:	136	Resp:	794677
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.7	4.5	6.7#
68	5.9	3.6	5.4#

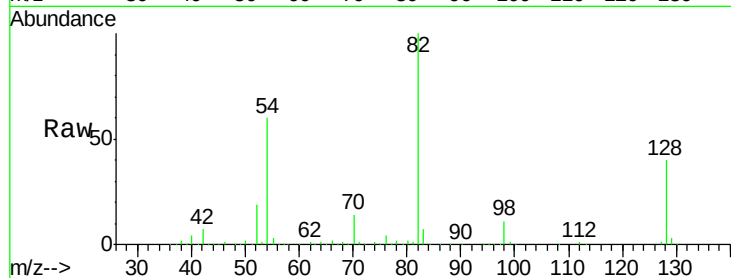




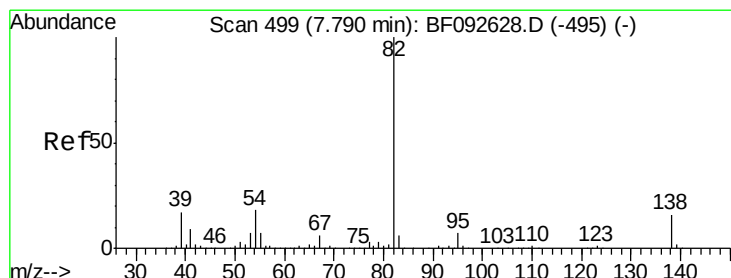
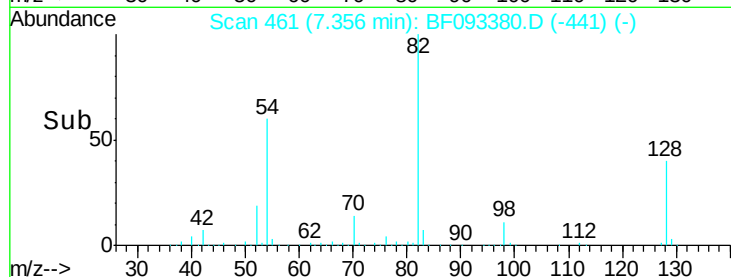
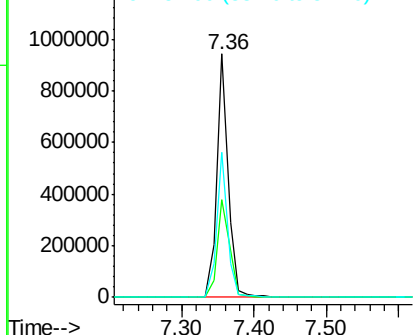
#23
 Nitrobenzene-d5
 Concen: 72.22 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Tgt Ion: 82 Resp: 1030581
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.6 52.0
 54 59.6 39.5 59.3#

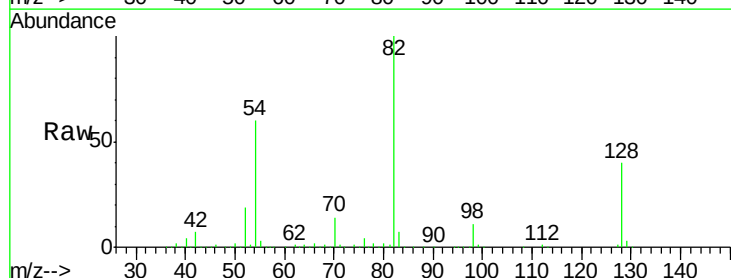


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

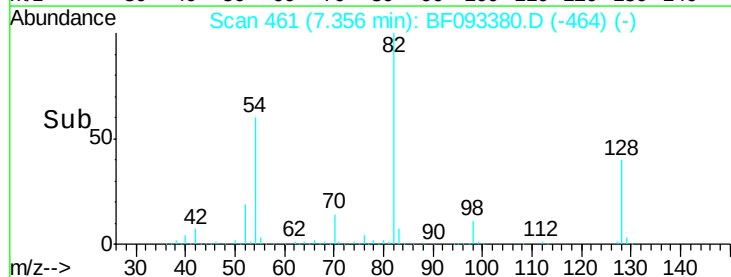
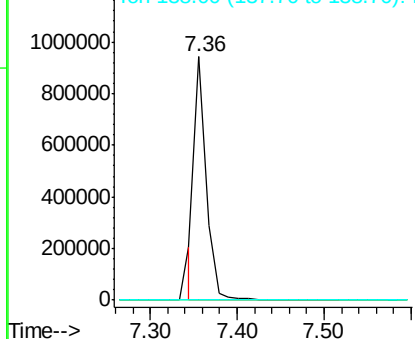


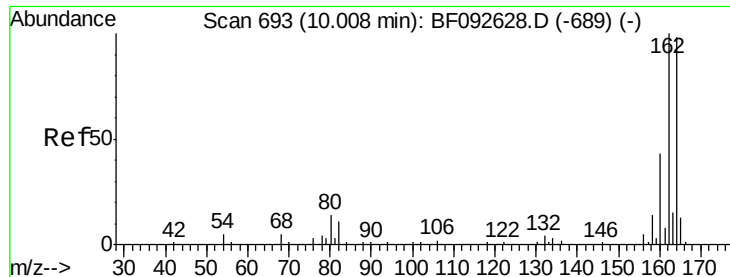
#25
 Isophorone
 Concen: 33.10 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Tgt Ion: 82 Resp: 880296
 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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

Instrument :

BNA_F

ClientSampleId :

C-3

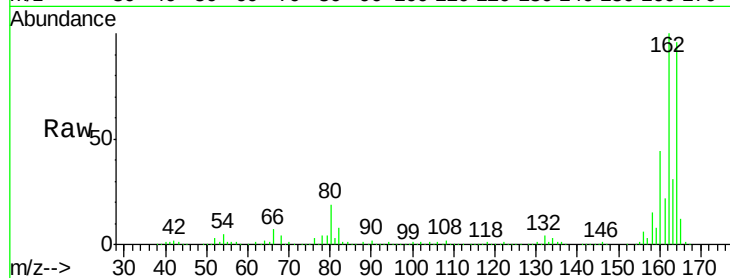
Tgt Ion:164 Resp: 356666

Ion Ratio Lower Upper

164 100

162 104.6 80.2 120.2

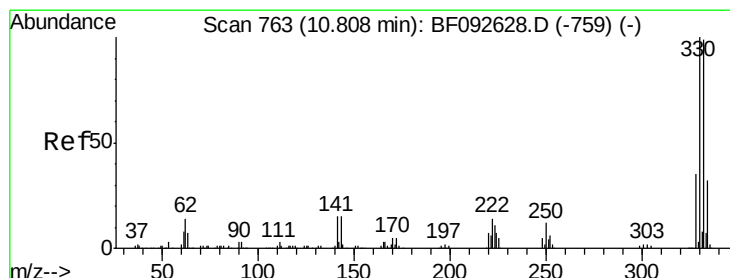
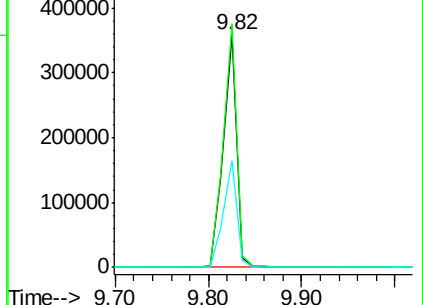
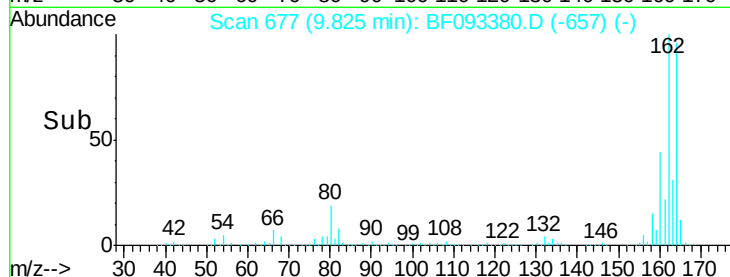
160 46.1 36.9 55.3



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: 52.10 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

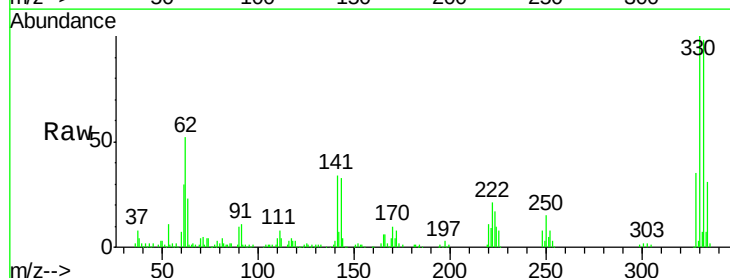
Tgt Ion:330 Resp: 134407

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.2

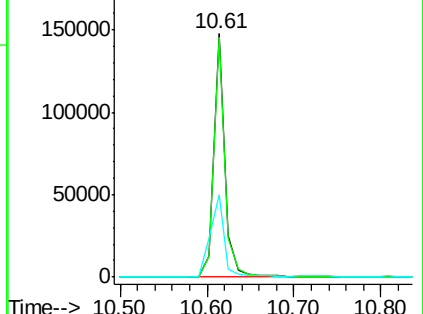
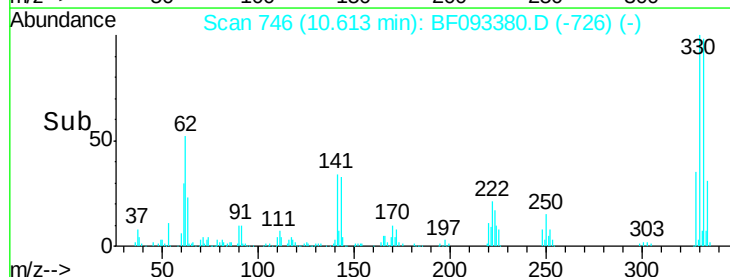
141 43.6 34.1 51.1

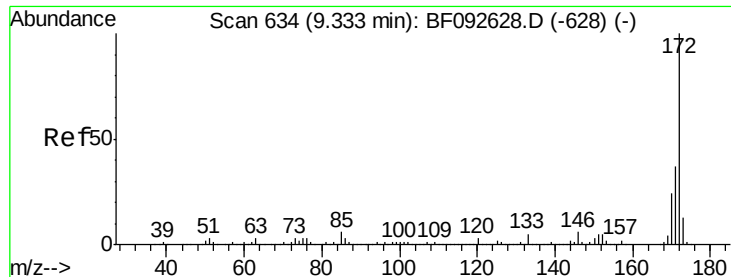


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

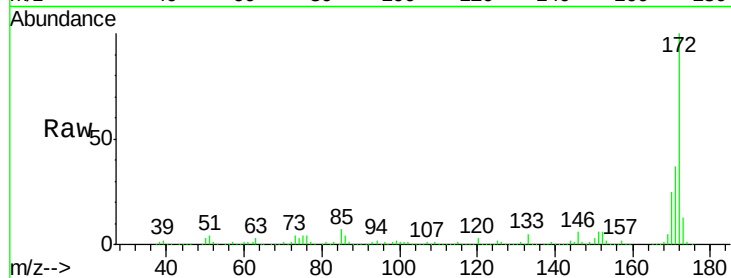




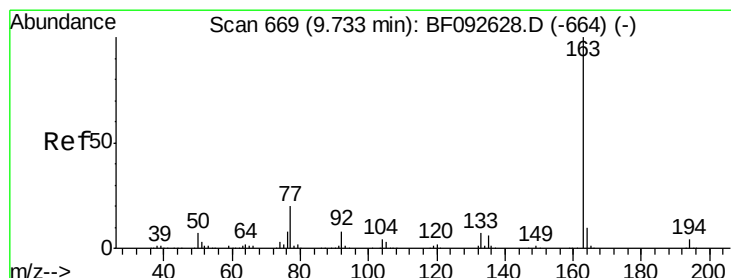
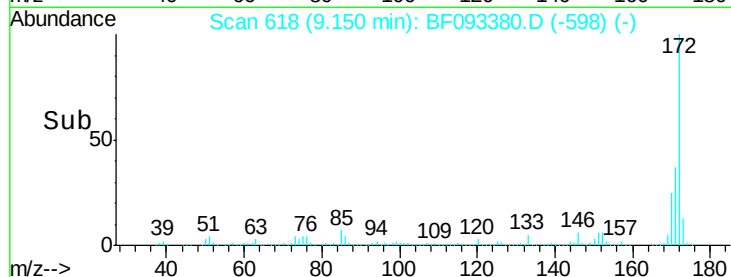
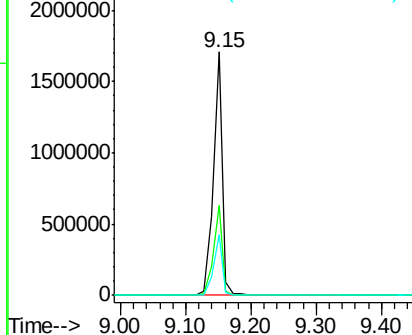
#44
 2-Fluorobiphenyl
 Concen: 84.43 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Instrument :
 BNA_F
 ClientSampled :
 C-3

Tgt Ion:172 Resp: 1662237
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 20.2 30.4

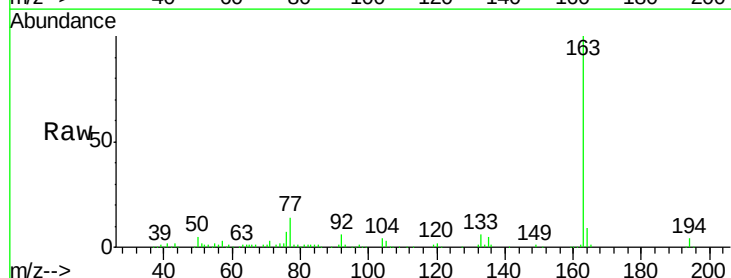


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

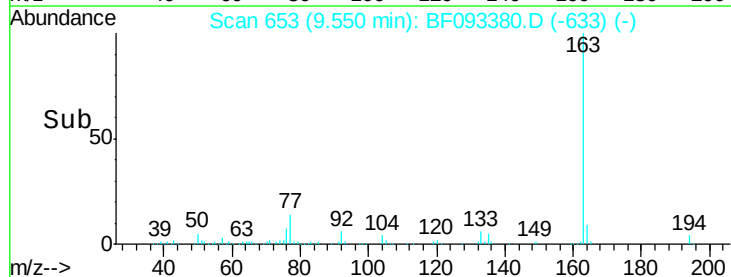
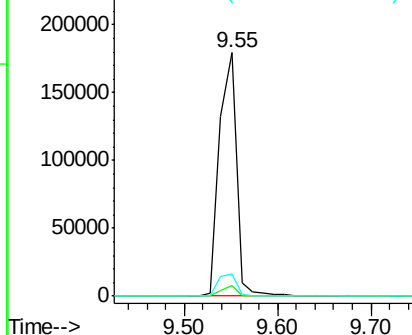


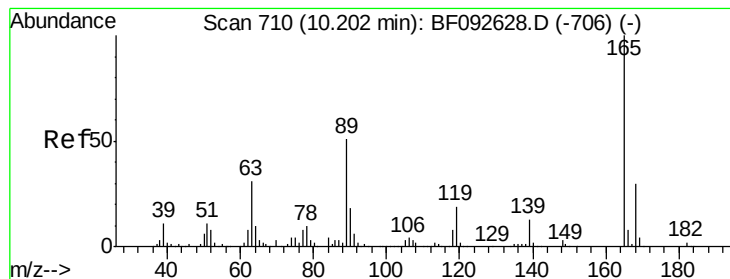
#49
 Dimethylphthalate
 Concen: 9.53 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF093380.D
 Acq: 4 Mar 2017 1:08

Tgt Ion:163 Resp: 228849
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.0 4.4
 164 9.3 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: 6.93 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.26 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

Instrument :

BNA_F

ClientSampleId :

C-3

Tgt Ion:165 Resp: 47897

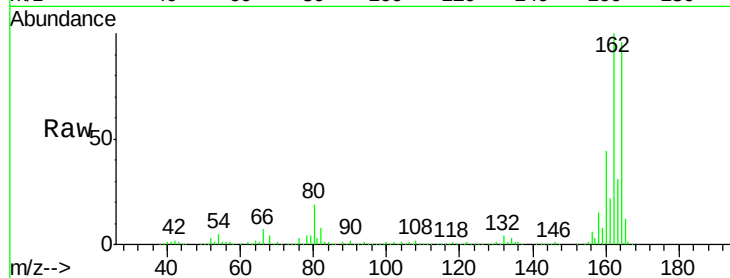
Ion Ratio Lower Upper

165 100

63 1.6 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

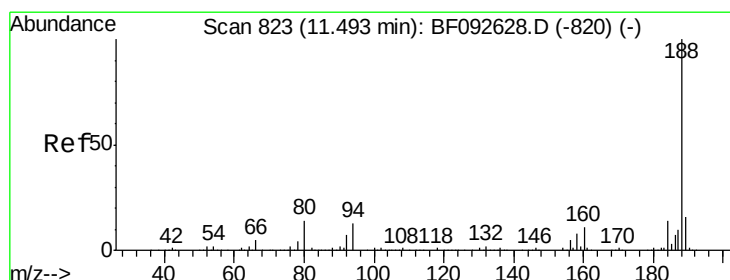
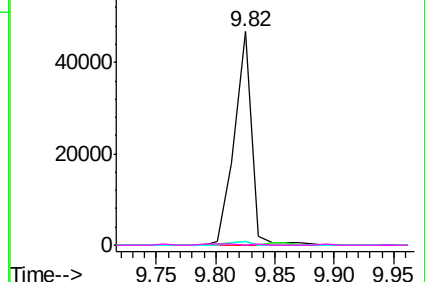
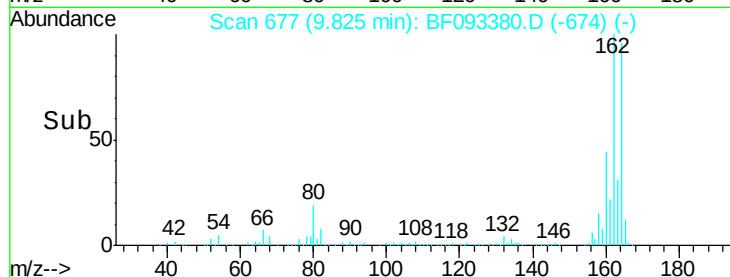


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

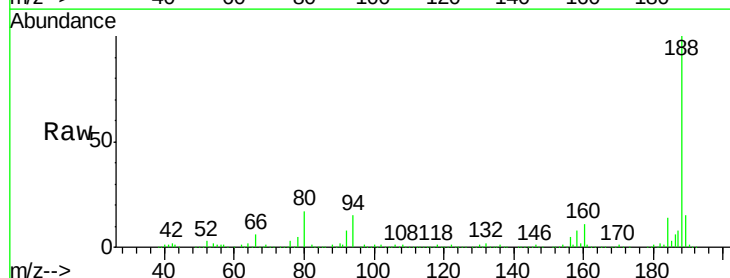
Tgt Ion:188 Resp: 561507

Ion Ratio Lower Upper

188 100

94 15.1 10.0 15.0#

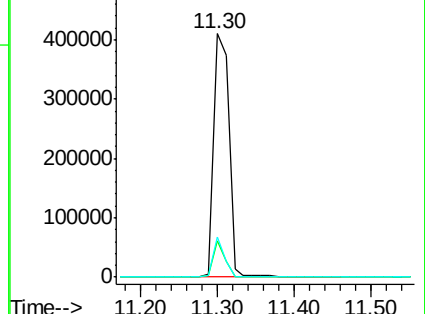
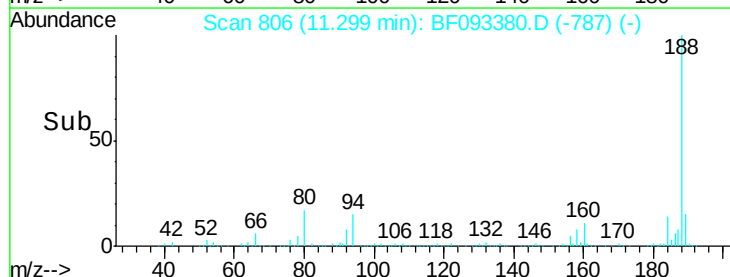
80 16.6 11.2 16.8

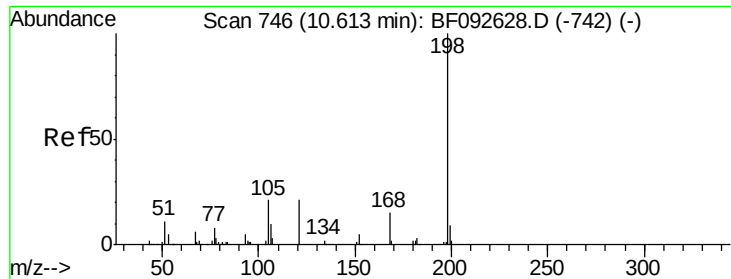


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.74 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.11 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

Instrument :

BNA_F

ClientSampleId :

C-3

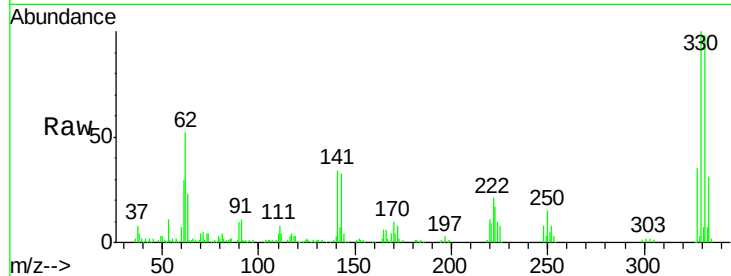
Tgt Ion:198 Resp: 251

Ion Ratio Lower Upper

198 100

51 354.9 6.7 46.7#

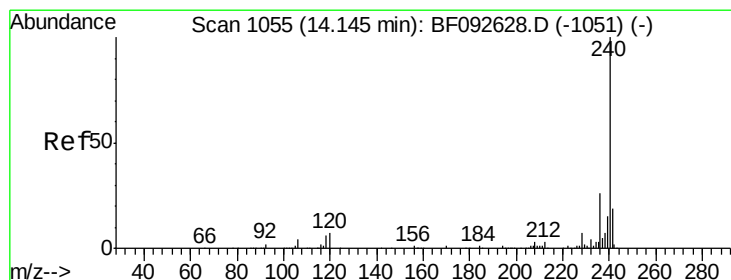
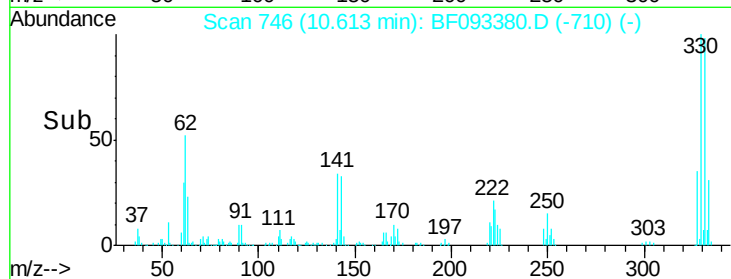
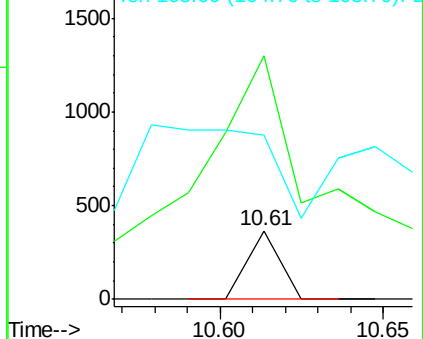
105 239.1 16.6 56.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

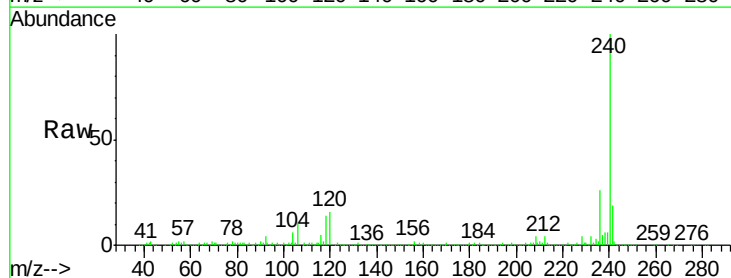
Tgt Ion:240 Resp: 395243

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

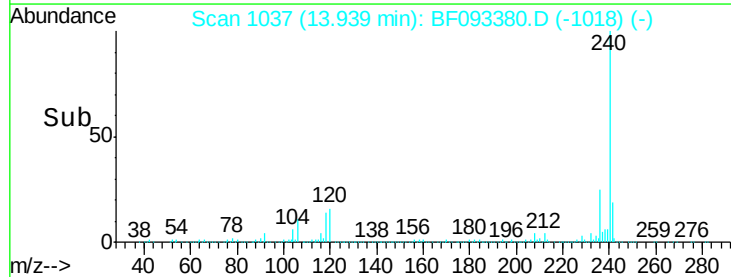
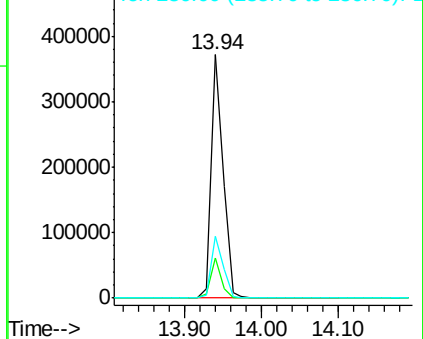
236 25.6 20.9 31.3

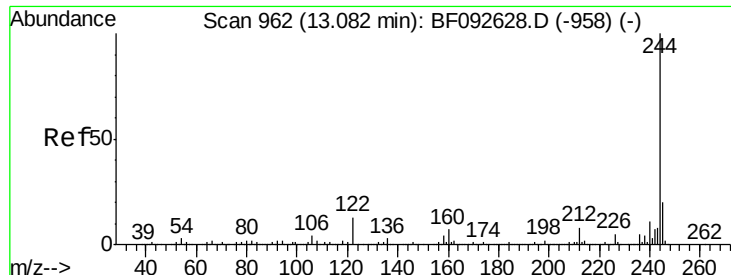


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.09 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

Instrument :

BNA_F

ClientSampleId :

C-3

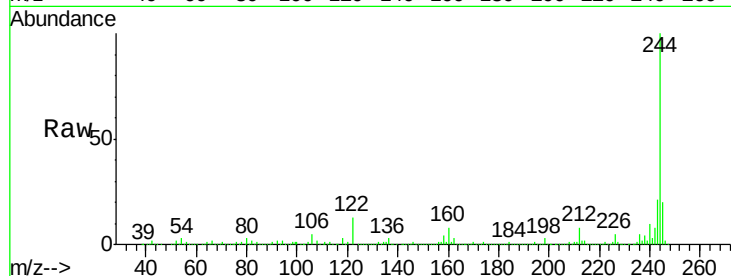
Tgt Ion:244 Resp: 1128615

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

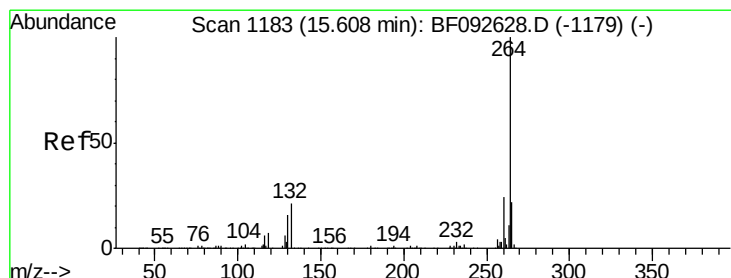
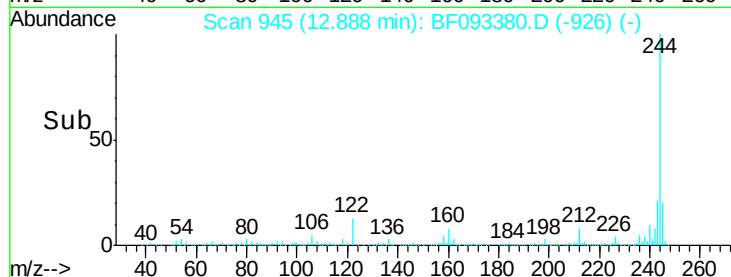
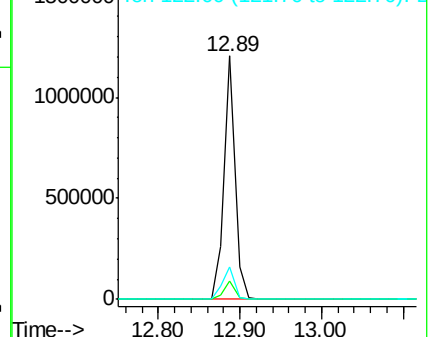
122 13.3 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.09 min

Lab File: BF093380.D

Acq: 4 Mar 2017 1:08

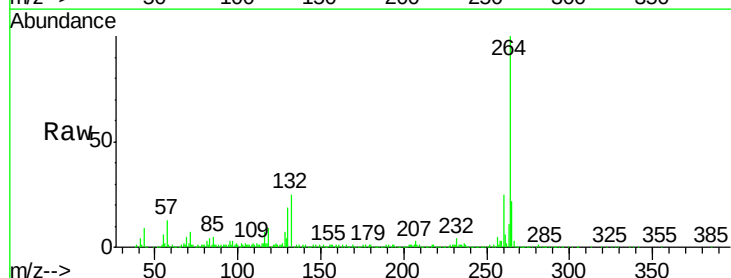
Tgt Ion:264 Resp: 340220

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.2 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

