

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093378.D
 Acq On : 4 Mar 2017 00:13
 Operator : SJ/MA
 Sample : I2078-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Mar 04 01:35:08 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	207225	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	830716	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	366159	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	620505	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	439070	20.00	ng	-0.08
86) Perylene-d12	15.36	264	357258	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1225752	101.48	ng	-0.07
7) Phenol-d6	6.44	99	1846014	118.78	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1089966	73.07	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	248609	93.88	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1775905	87.87	ng	-0.07
78) Terphenyl-d14	12.89	244	1226146	65.62	ng	-0.08

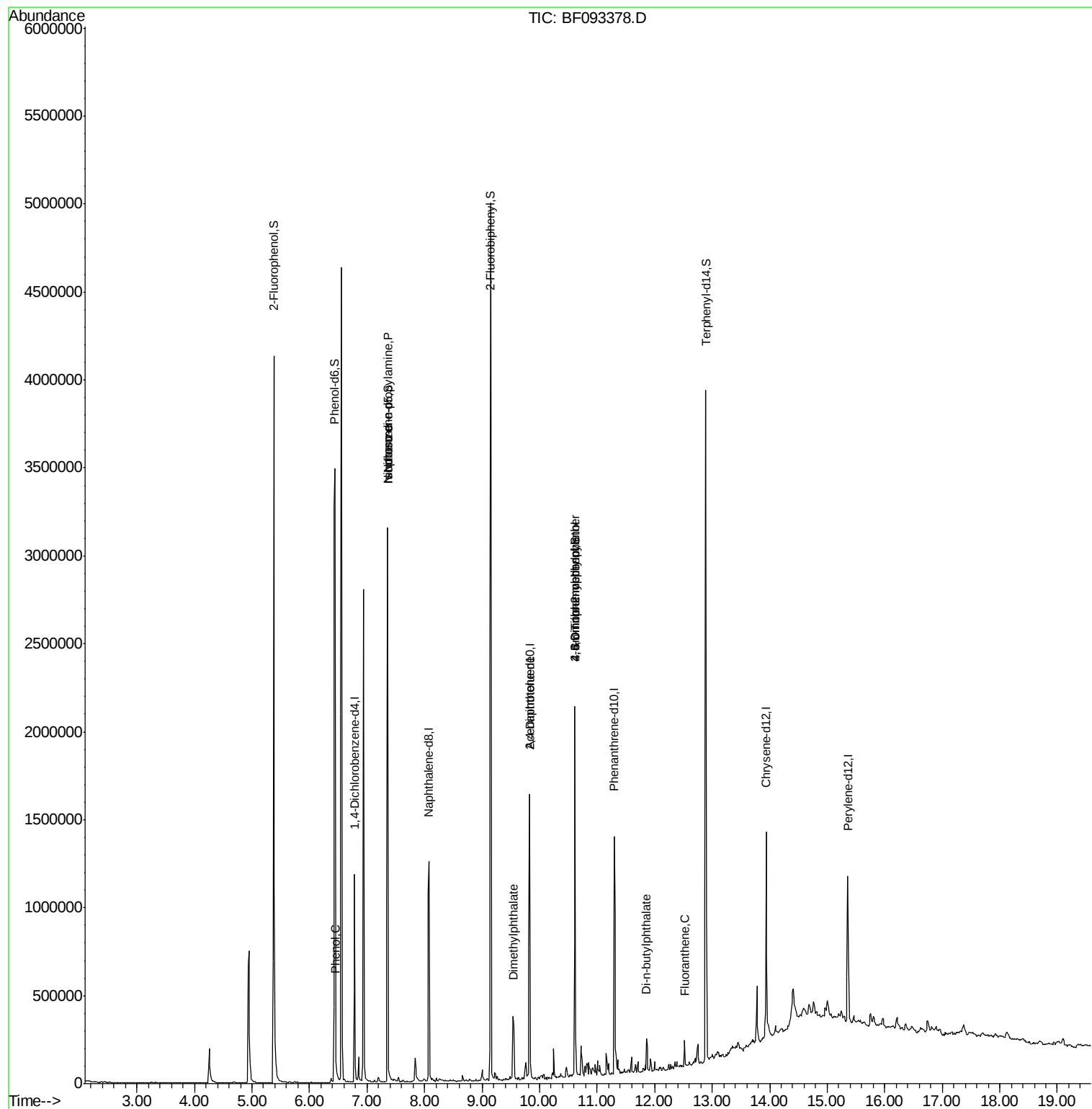
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	89610	4.93	ng	# 68
19) n-Nitroso-di-n-propylamine	7.36	70	147688	14.93	ng	# 81
25) Isophorone	7.36	82	863868	31.08	ng	# 65
49) Dimethylphthalate	9.55	163	218679	8.87	ng	99
56) 2,4-Dinitrotoluene	9.82	165	48994	6.91	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.61	198	462	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	18692	2.88	ng	# 1
73) Di-n-butylphthalate	11.86	149	132083	3.58	ng	98
74) Fluoranthene	12.52	202	73976	2.02	ng	93

(#) = 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: BF093378.D

Acq: 4 Mar 2017 00:13

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C-1

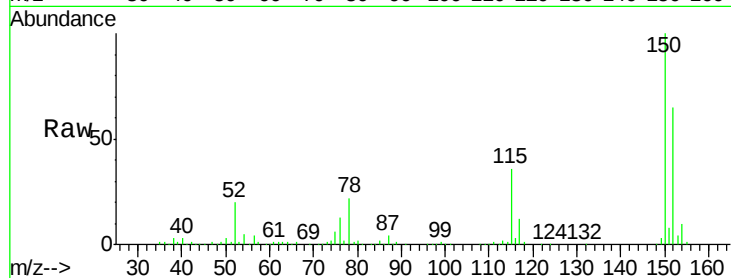
Tgt Ion:152 Resp: 207225

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

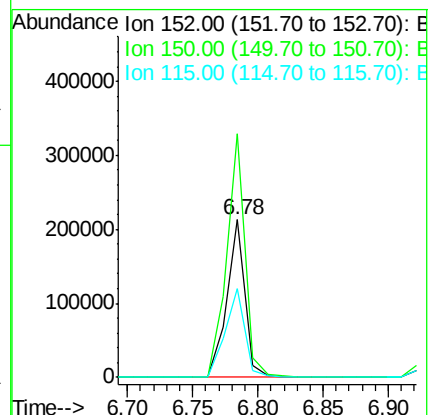
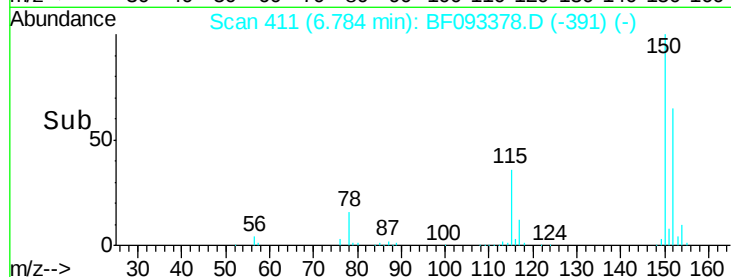
115 56.2 46.0 69.0



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: 101.48 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

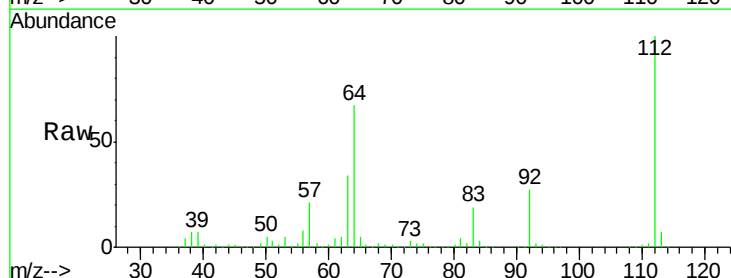
Tgt Ion:112 Resp: 1225752

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

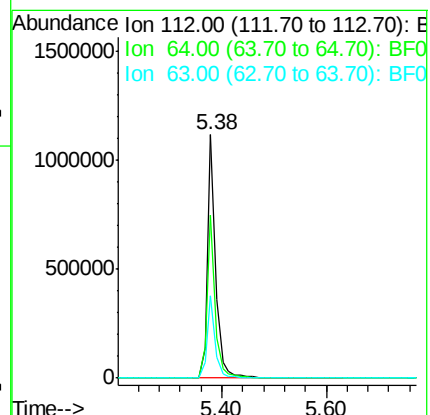
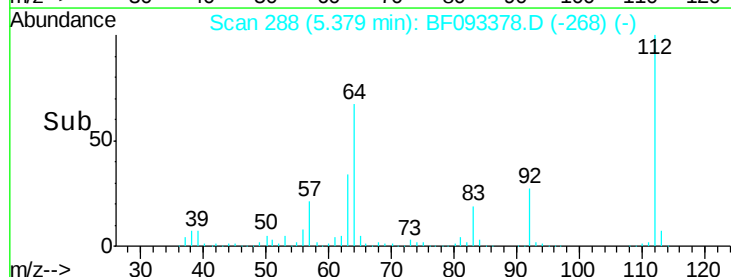
63 33.7 23.8 35.6

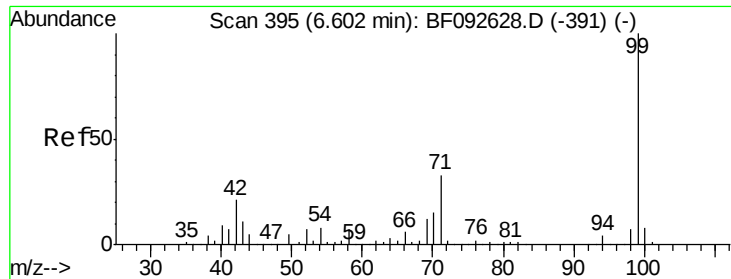


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

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ClientSampleId :

C-1

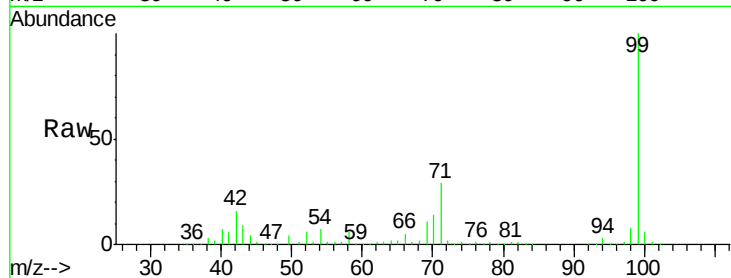
Tgt Ion: 99 Resp: 1846014

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

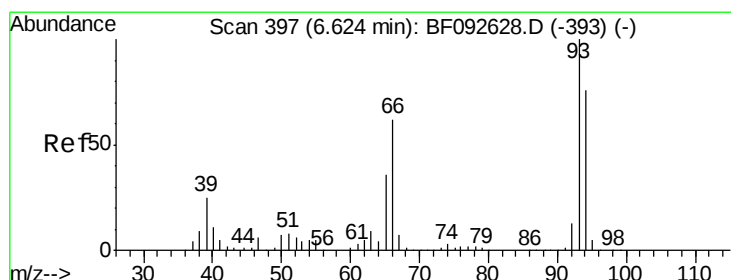
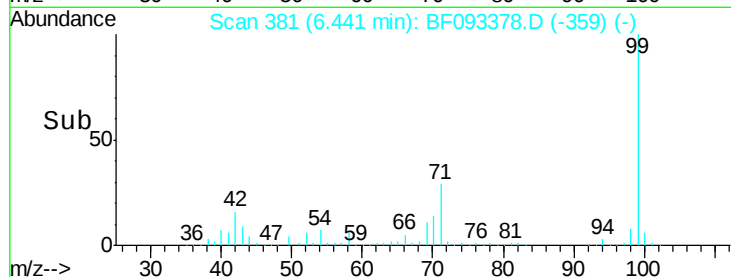
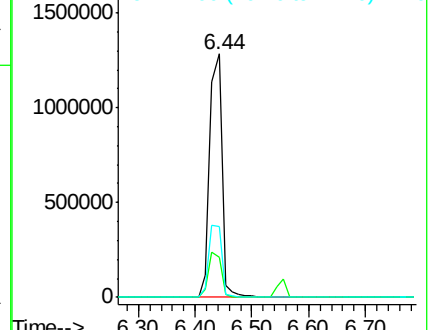
71 29.2 27.5 41.3



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: 4.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

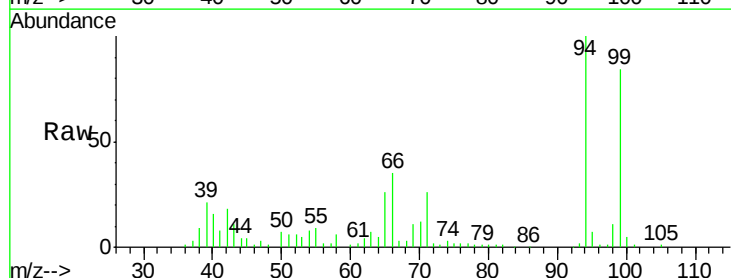
Tgt Ion: 94 Resp: 89610

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

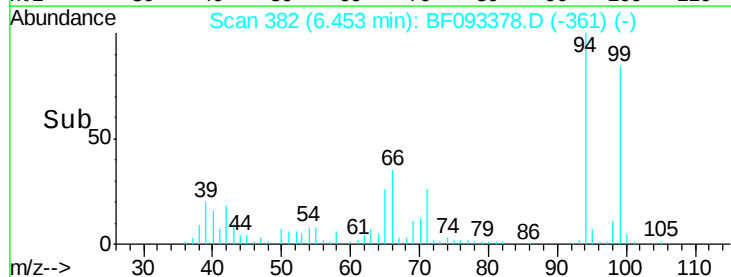
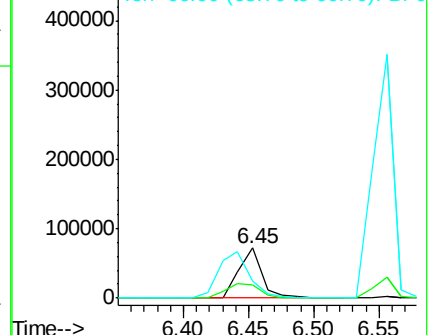
66 35.0 44.0 84.0#



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

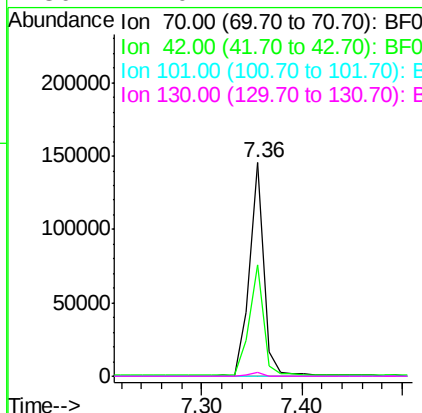
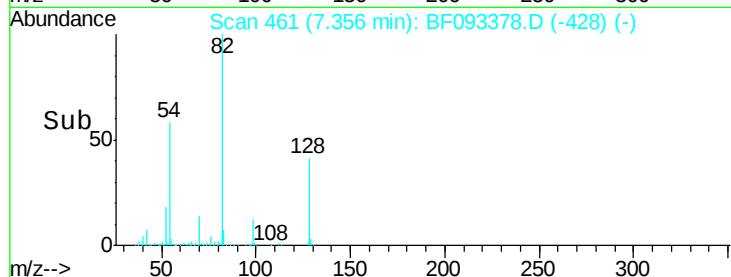
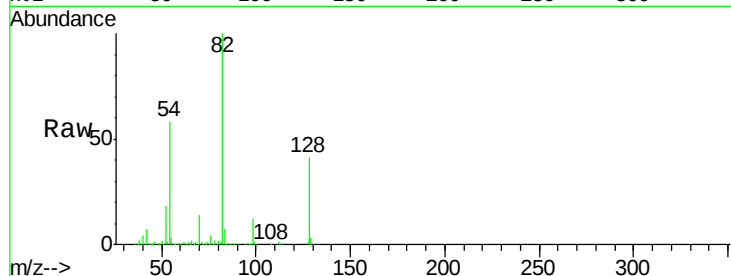




#19
n-Nitroso-di-n-propylamine
Concen: 14.93 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

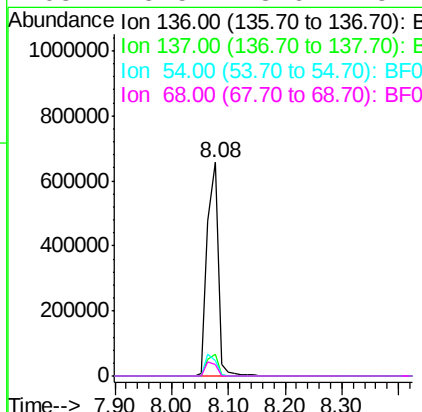
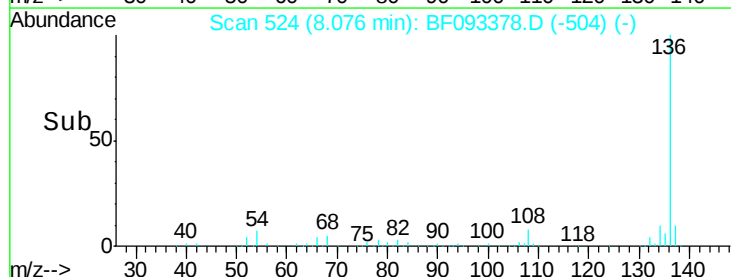
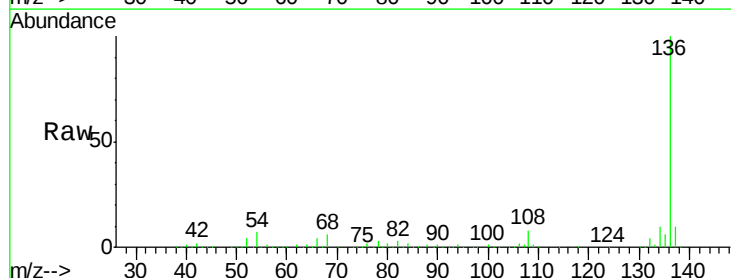
Instrument :
BNA_F
ClientSampled :
C-1

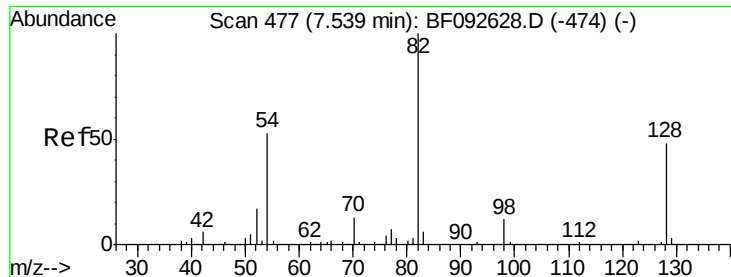
Tgt Ion: 70 Resp: 147688
Ion Ratio Lower Upper
70 100
42 51.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

Tgt Ion: 136 Resp: 830716
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.2 4.5 6.7#
68 5.5 3.6 5.4#

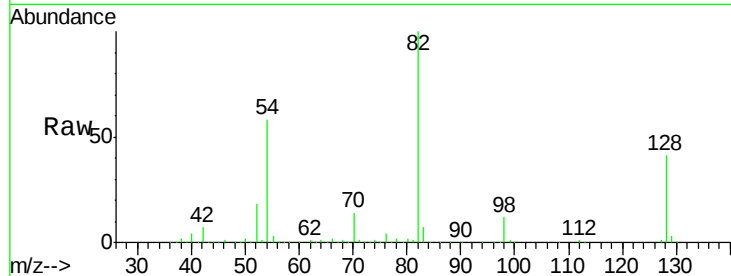




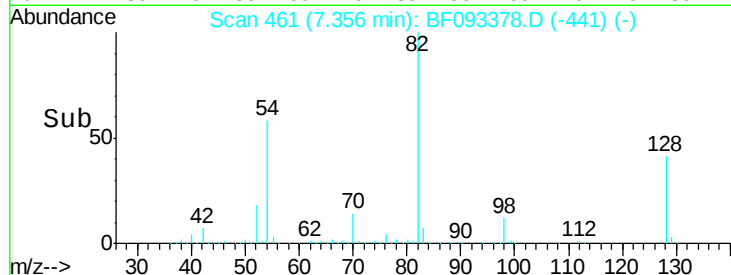
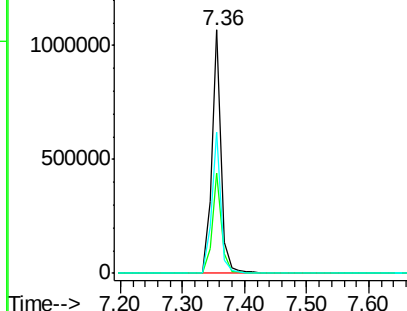
#23
 Nitrobenzene-d5
 Concen: 73.07 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Tgt Ion: 82 Resp: 1089966
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 58.1 39.5 59.3

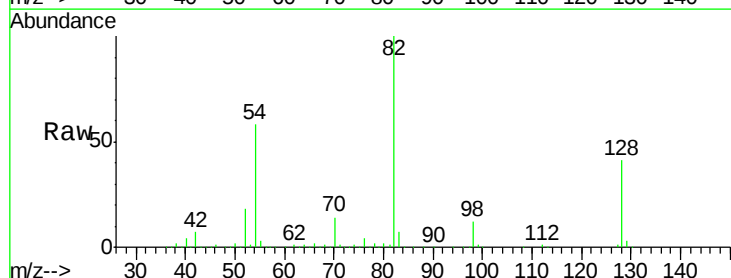


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

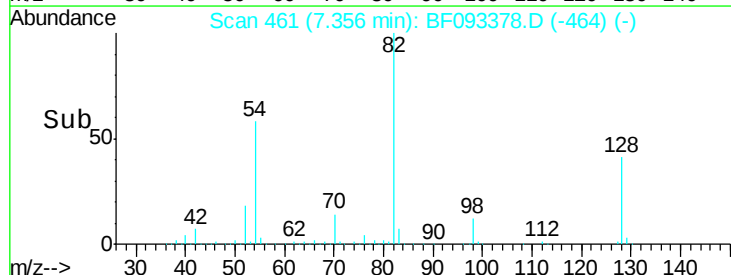
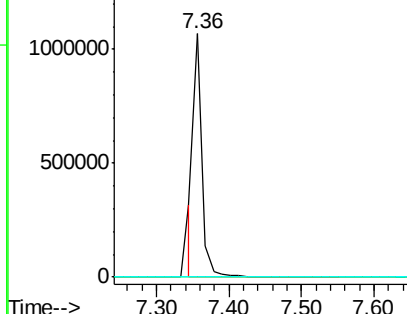


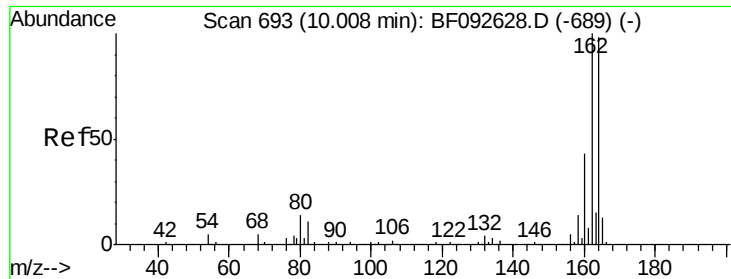
#25
 Isophorone
 Concen: 31.08 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Tgt Ion: 82 Resp: 863868
 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

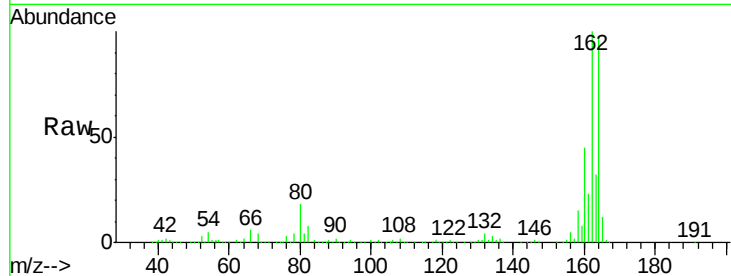




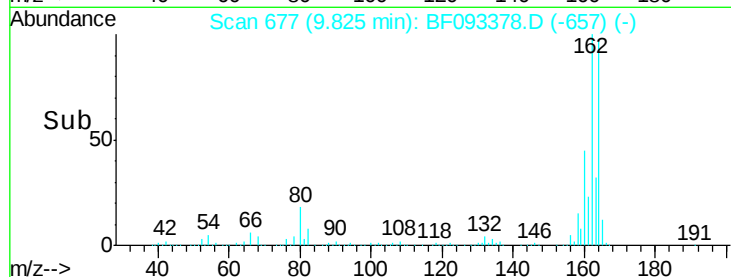
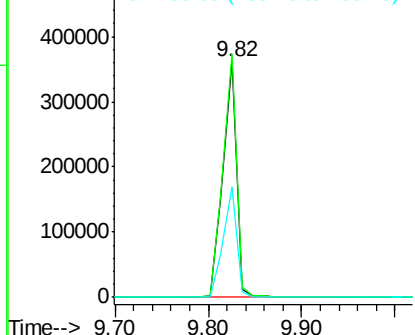
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:164 Resp: 366159
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 46.6 36.9 55.3

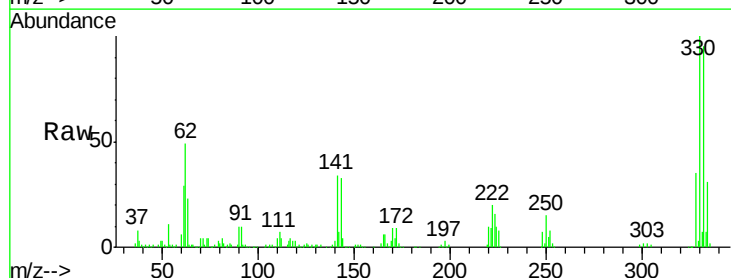


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

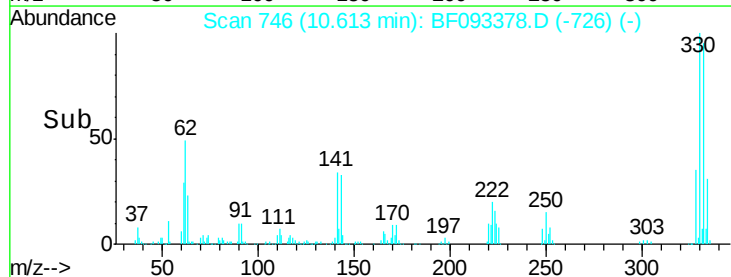
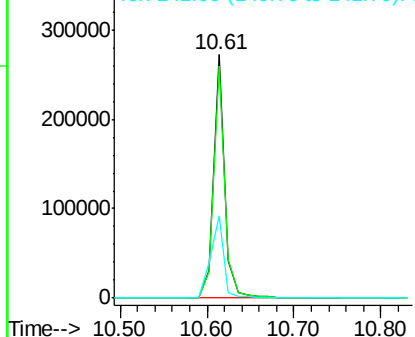


#41
2,4,6-Tribromophenol
Concen: 93.88 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.07 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

Tgt Ion:330 Resp: 248609
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 40.2 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

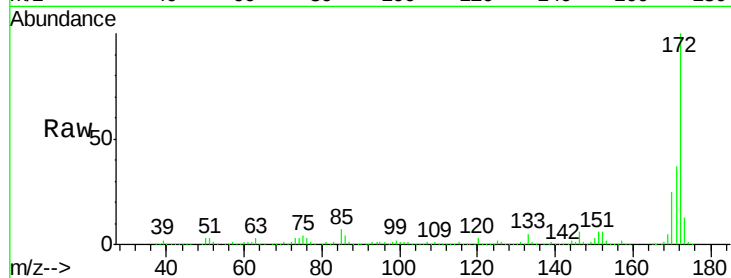




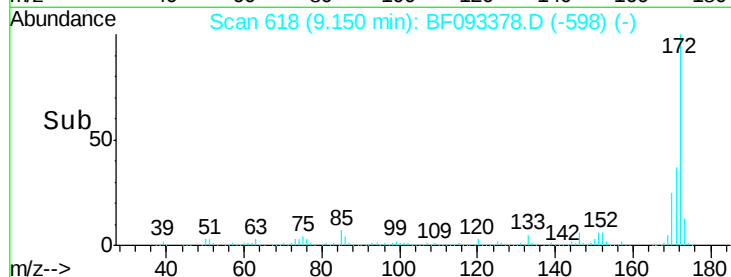
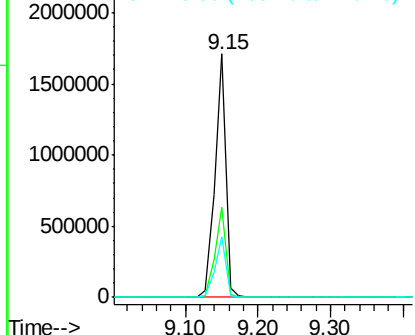
#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Tgt Ion:172 Resp: 1775905
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.9 20.2 30.4

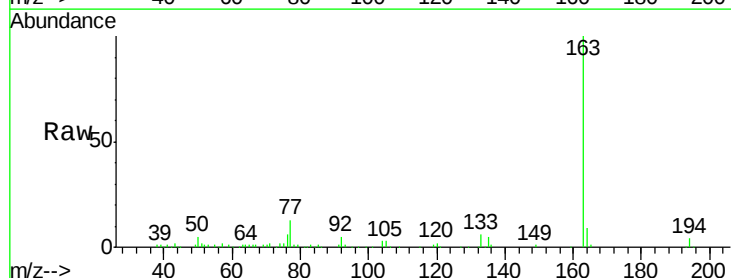


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

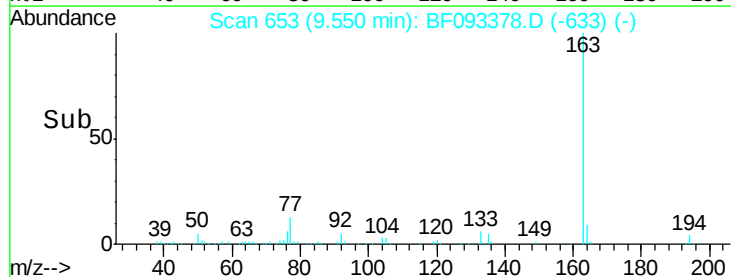
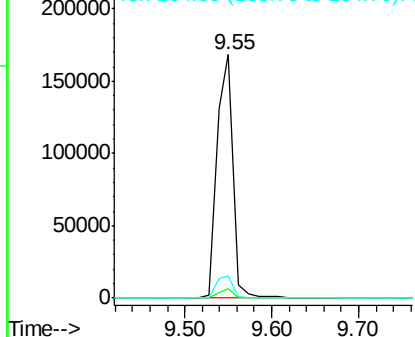


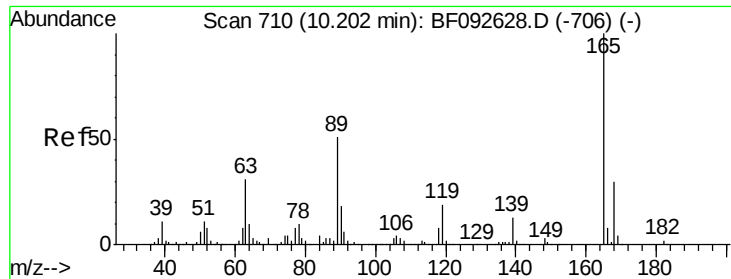
#49
 Dimethylphthalate
 Concen: 8.87 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Tgt Ion:163 Resp: 218679
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

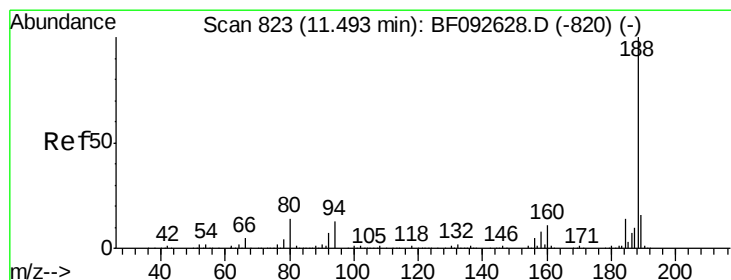
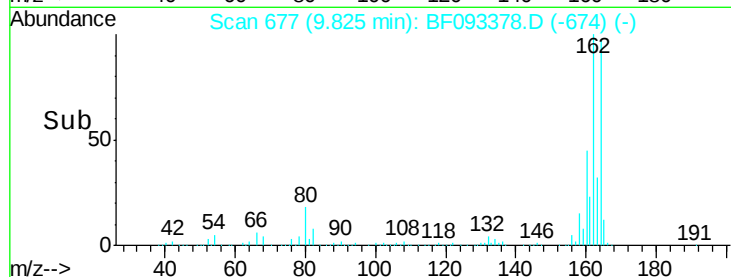
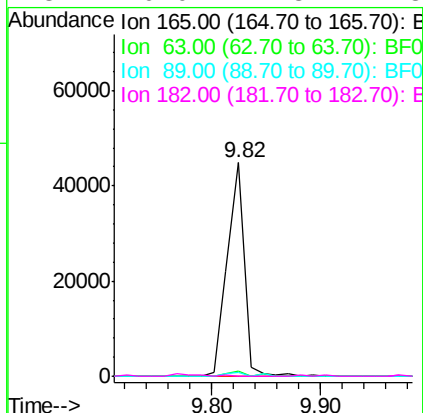
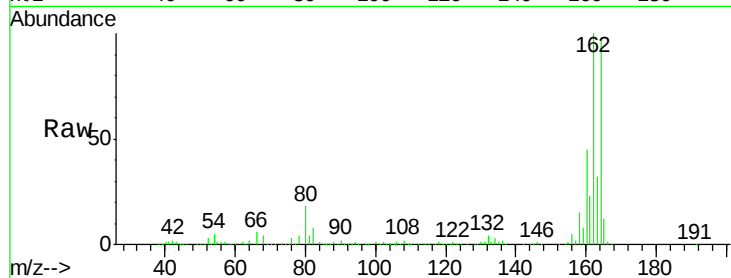




#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

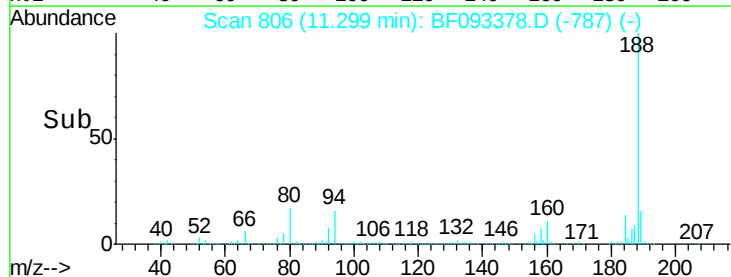
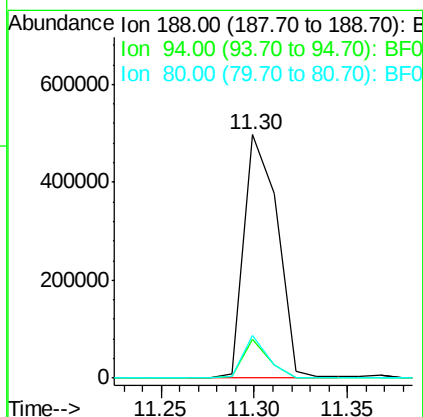
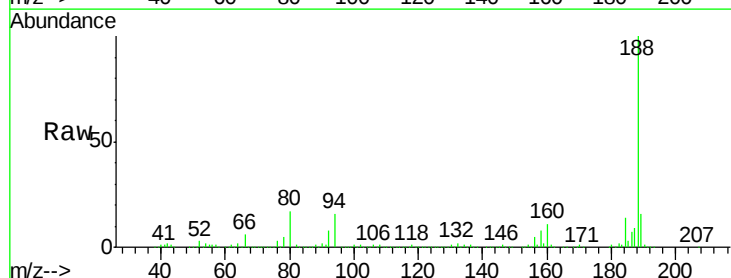
Instrument :
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 ClientSampleId :
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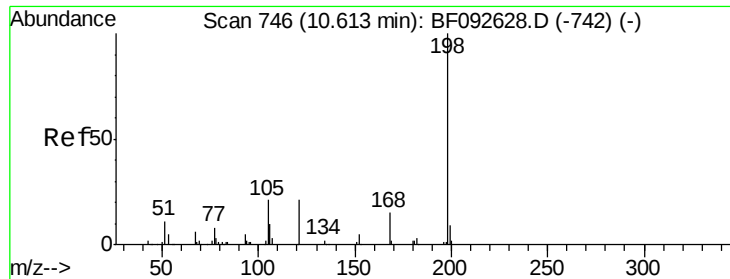
Tgt Ion:	165	Resp:	48994
Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Tgt Ion:	188	Resp:	620505
Ion	Ratio	Lower	Upper
188	100		
94	15.7	10.0	15.0#
80	17.3	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.78 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.11 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampled :

C-1

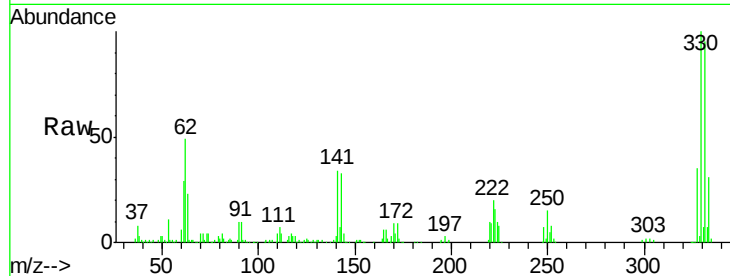
Tgt Ion:198 Resp: 462

Ion Ratio Lower Upper

198 100

51 207.0 6.7 46.7#

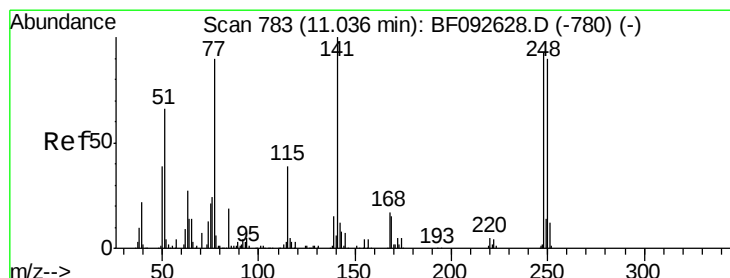
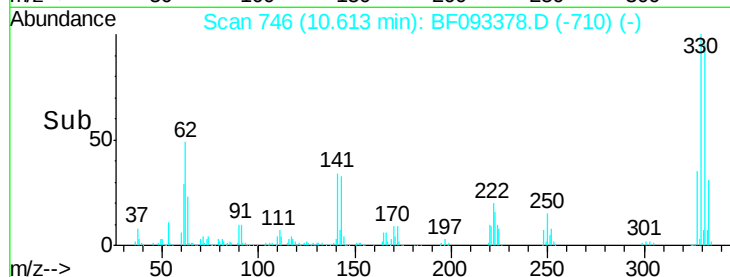
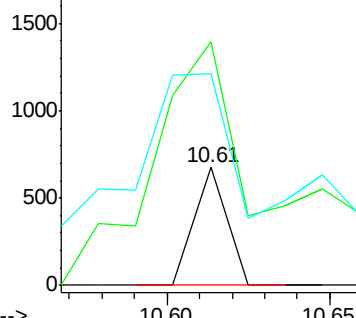
105 179.4 16.6 56.6#



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: 2.88 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

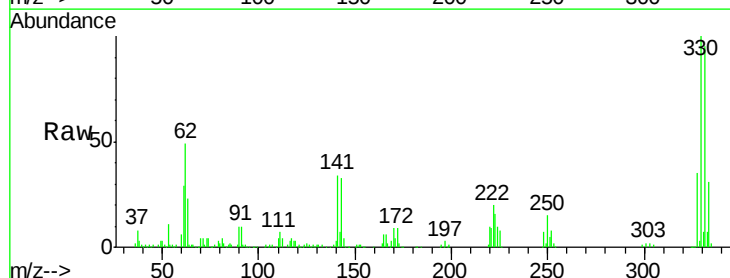
Tgt Ion:248 Resp: 18692

Ion Ratio Lower Upper

248 100

250 199.6 76.9 115.3#

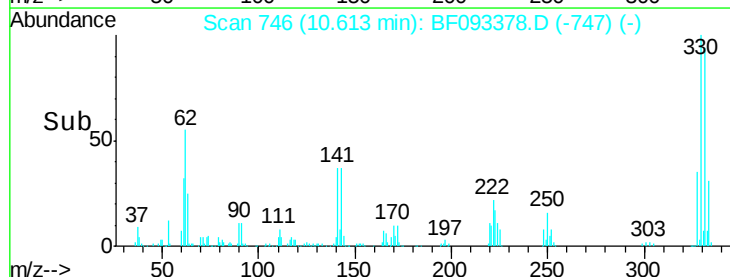
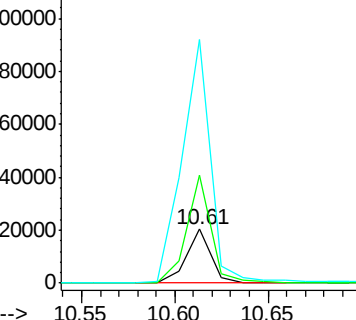
141 451.9 68.2 102.4#

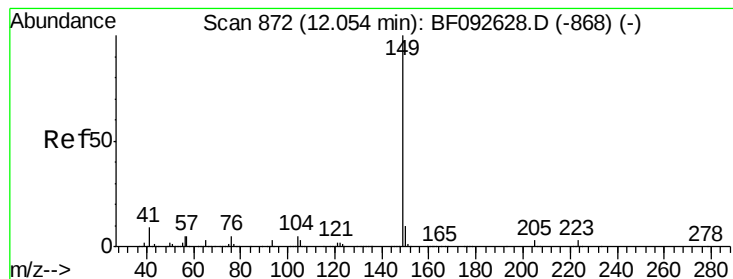


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 3.58 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.08 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

C-1

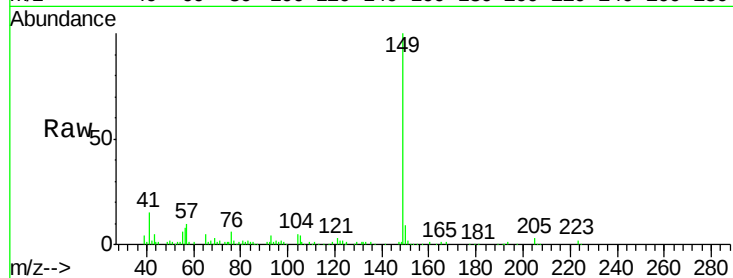
Tgt Ion:149 Resp: 132083

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

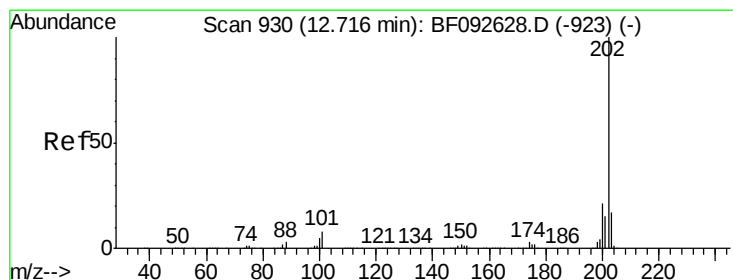
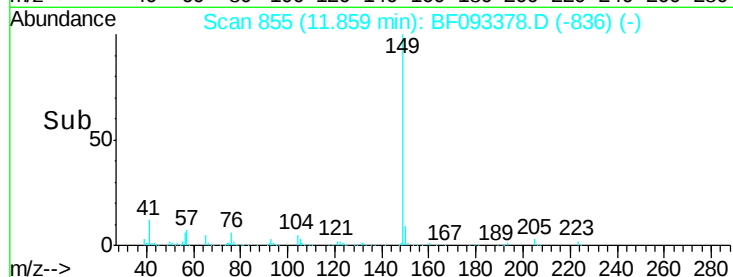
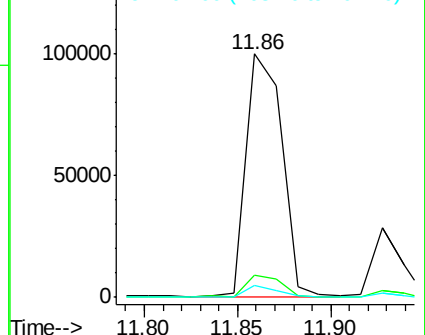
104 5.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.02 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

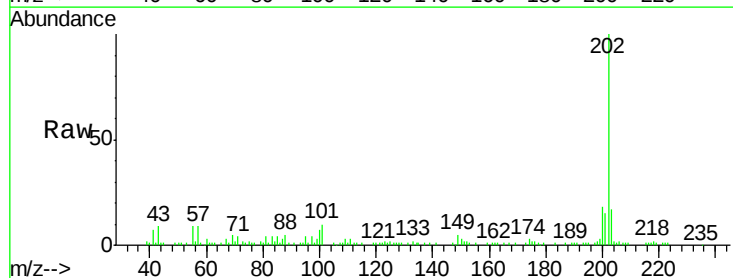
Tgt Ion:202 Resp: 73976

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

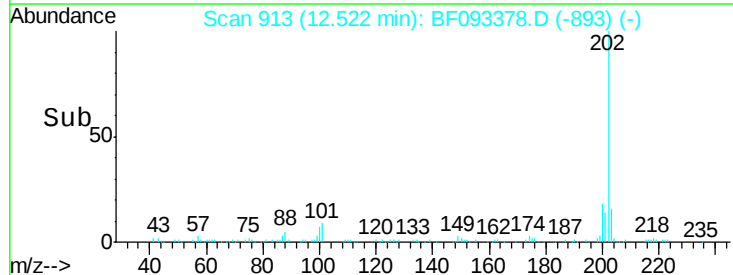
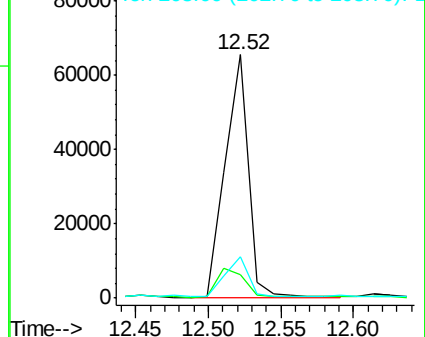
203 16.8 0.0 38.7

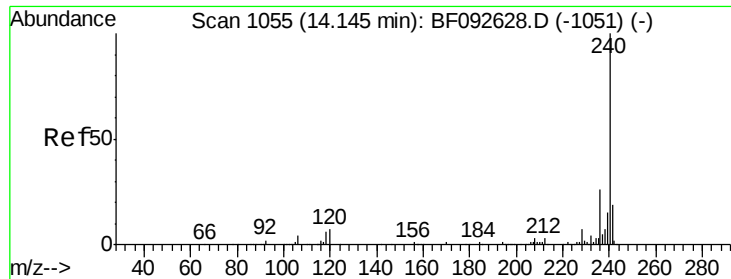


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

C-1

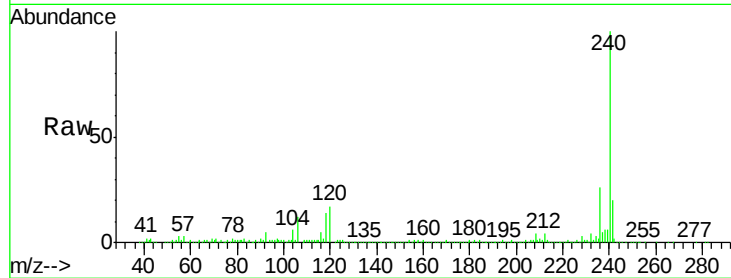
Tgt Ion:240 Resp: 439070

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

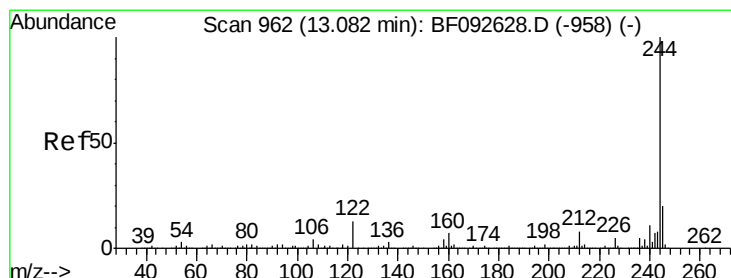
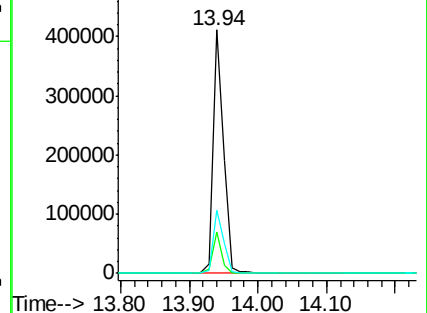
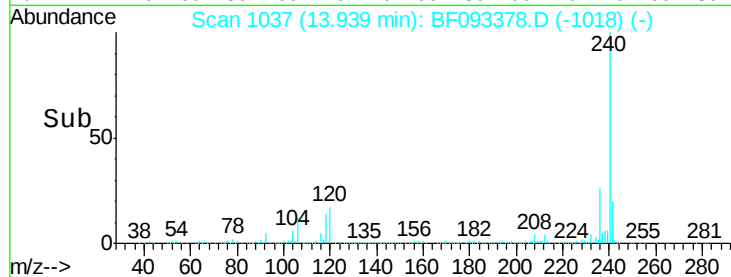
236 26.0 20.9 31.3



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: 65.62 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

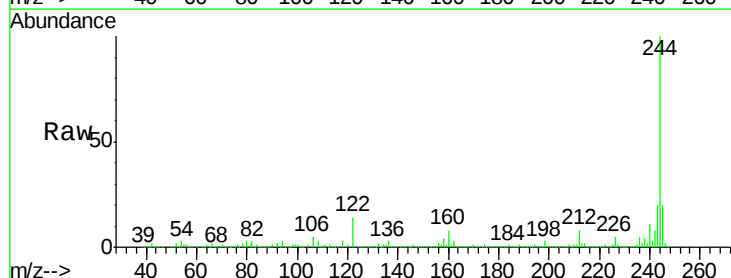
Tgt Ion:244 Resp: 1226146

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

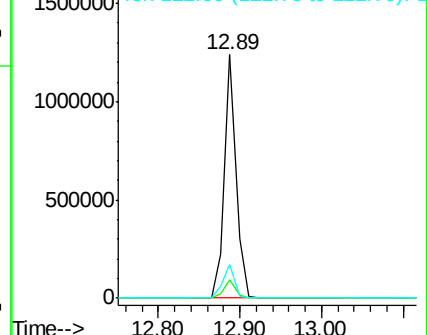
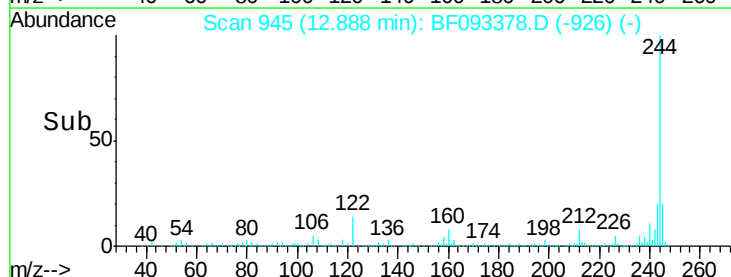
122 13.9 11.4 17.2

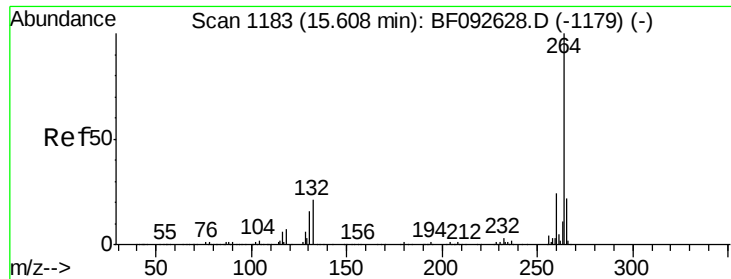


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF093378.D
Acq: 4 Mar 2017 00:13

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion: 264 Resp: 357258
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 17.4 26.0

