

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093368.D
 Acq On : 3 Mar 2017 19:39
 Operator : SJ/MA
 Sample : I2079-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Mar 03 22:13:16 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

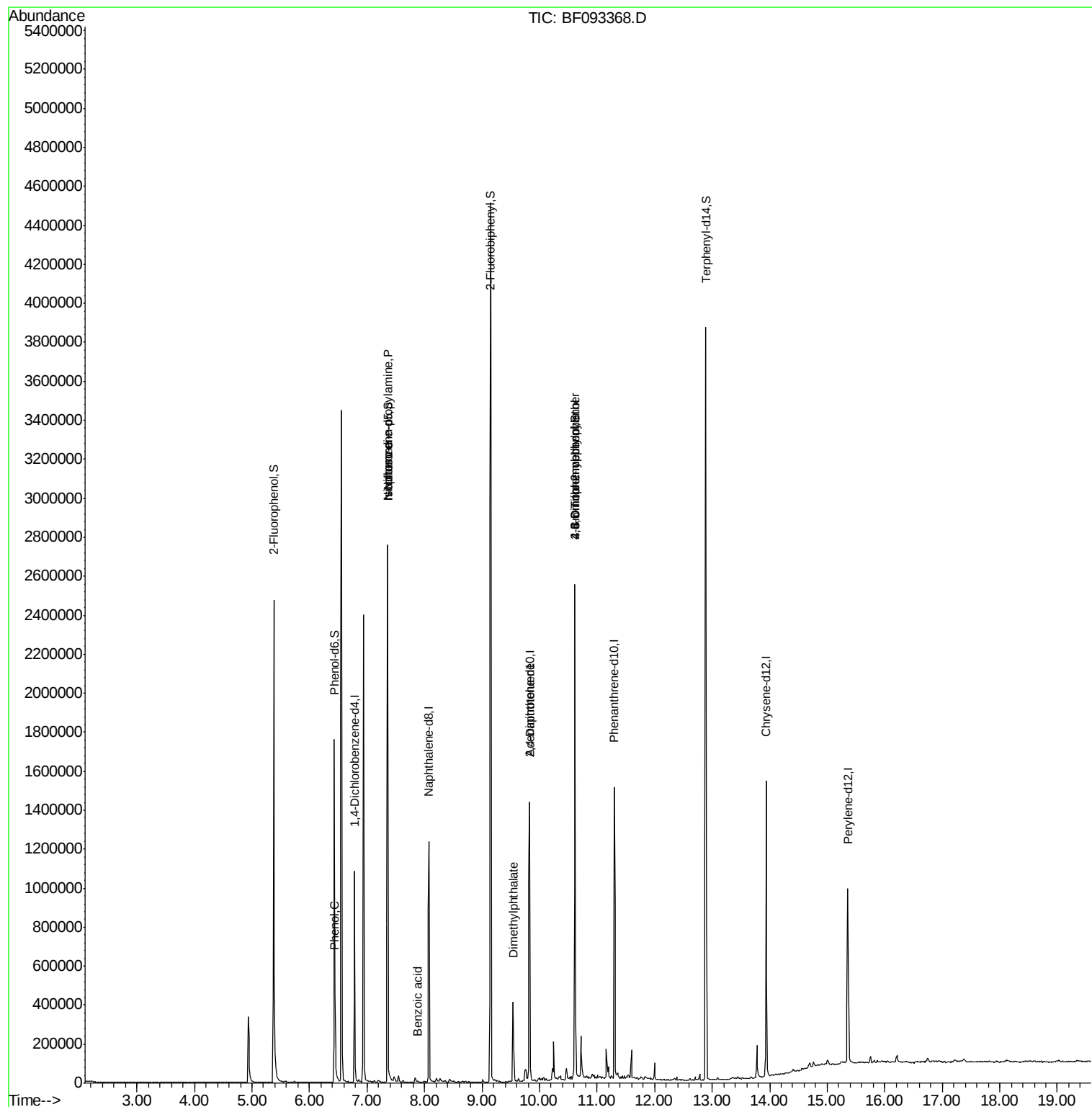
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	184855	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	766402	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	380885	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	677958	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	539855	20.00	ng	-0.08
86) Perylene-d12	15.36	264	388422	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	734242	68.14	ng	-0.07
7) Phenol-d6	6.43	99	606447	43.74	ng	-0.06
23) Nitrobenzene-d5	7.36	82	994363	72.25	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	291773	105.91	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1869615	88.93	ng	-0.07
78) Terphenyl-d14	12.89	244	1285510	55.95	ng	-0.08
Target Compounds						
10) Phenol	6.44	94	71492	4.41	ng	# 74
19) n-Nitroso-di-n-propylamine	7.36	70	132297	14.99	ng	# 81
25) Isophorone	7.36	82	800924	31.23	ng	# 65
32) Benzoic acid	7.88	122	231	7.20	ng	# 68
49) Dimethylphthalate	9.54	163	178957	6.98	ng	99
56) 2,4-Dinitrotoluene	9.82	165	46969	6.37	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	909	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	21624	3.05	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

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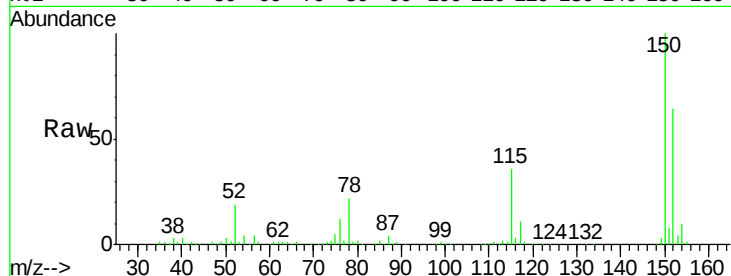
Tgt Ion:152 Resp: 184855

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

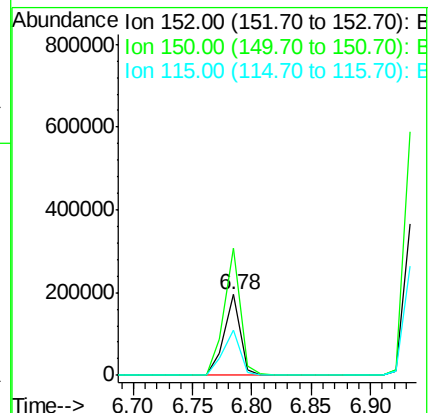
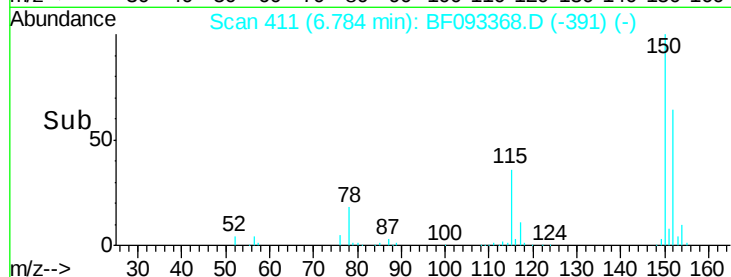
115 56.5 46.0 69.0



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: 68.14 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

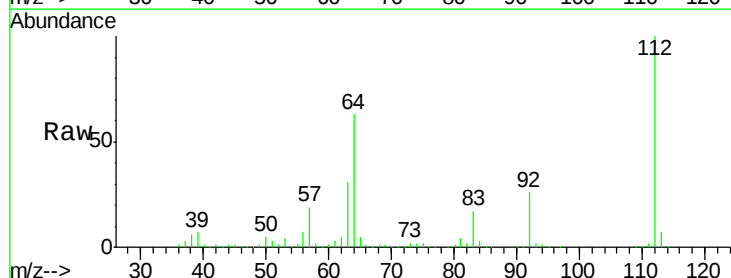
Tgt Ion:112 Resp: 734242

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

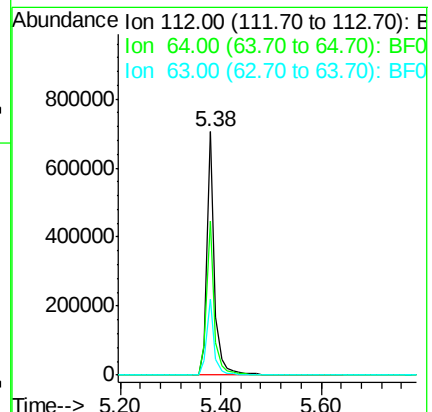
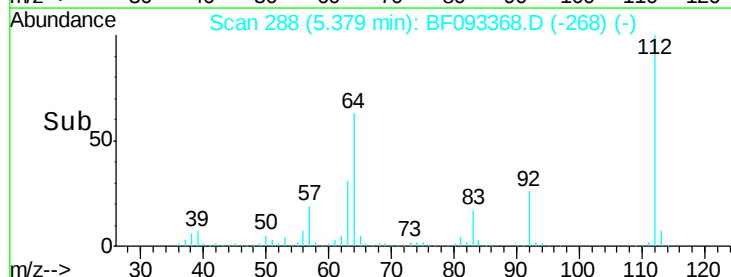
63 31.1 23.8 35.6



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: 43.74 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

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W-1

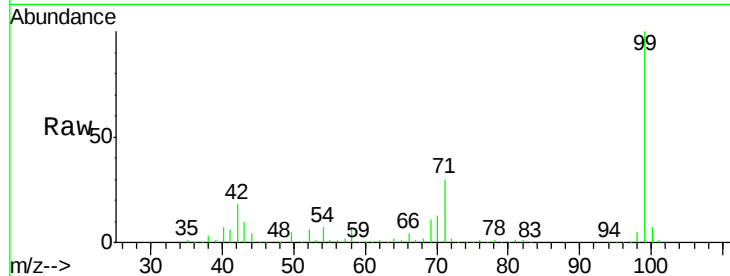
Tgt Ion: 99 Resp: 606447

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

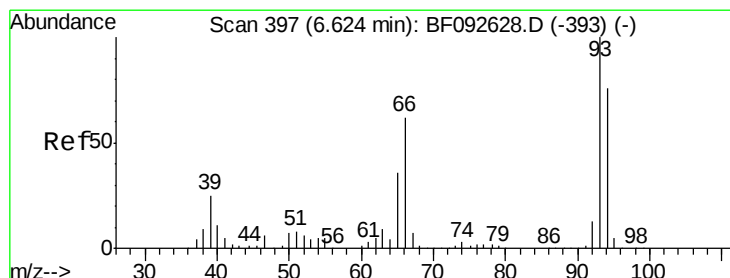
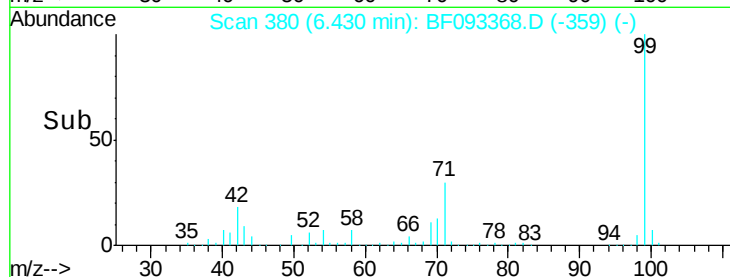
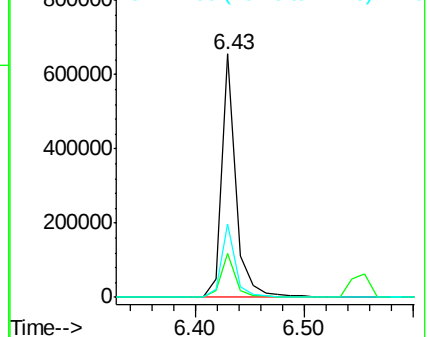
71 30.3 27.5 41.3



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: 4.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

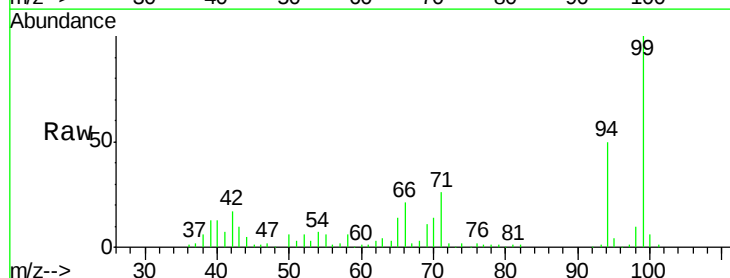
Tgt Ion: 94 Resp: 71492

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

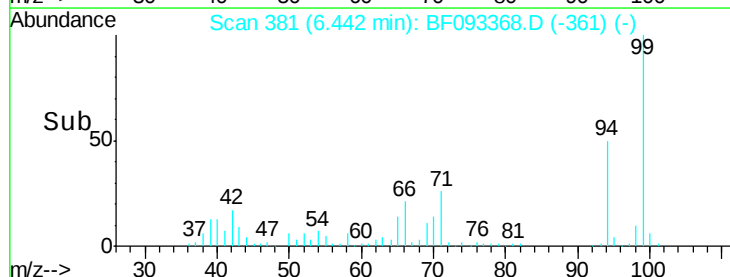
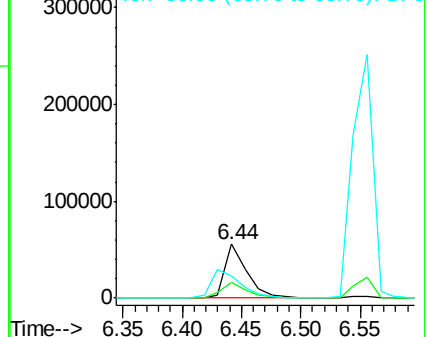
66 41.4 44.0 84.0#



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

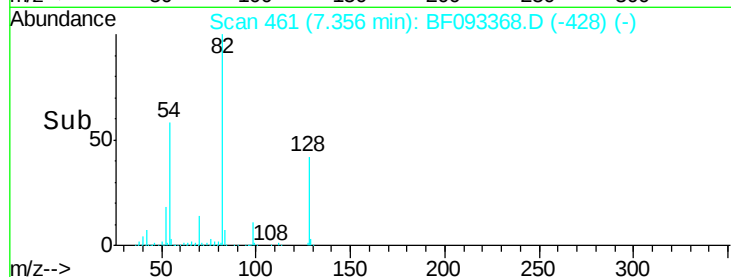
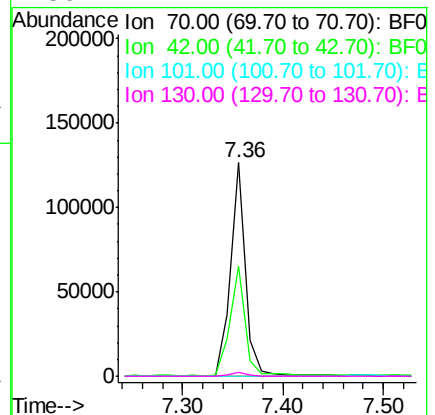
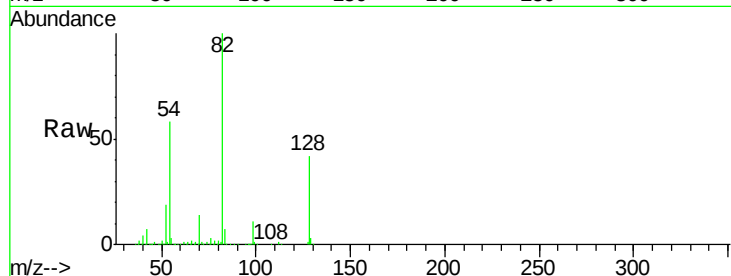




#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

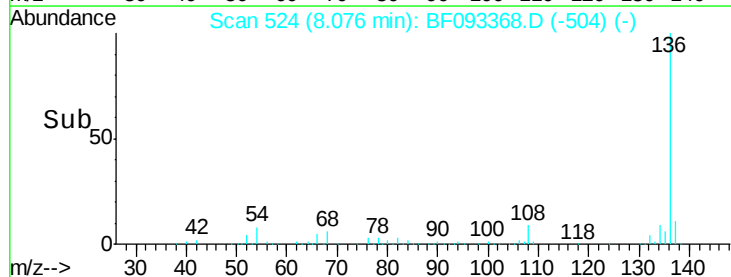
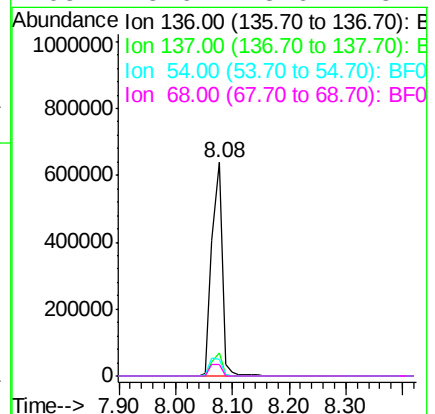
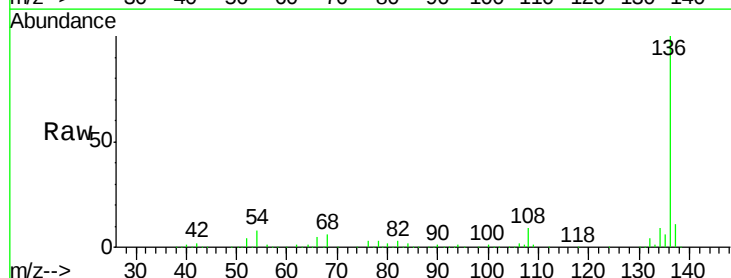
Instrument :
BNA_F
ClientSampleId :
W-1

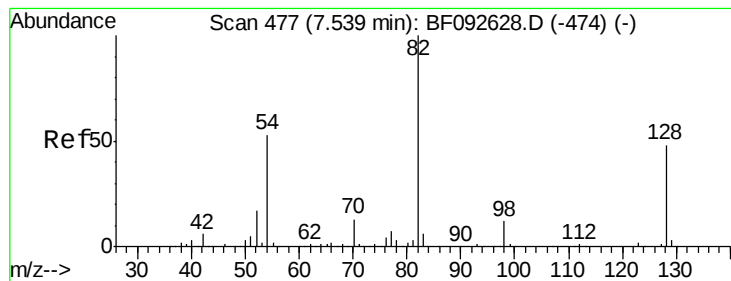
Tgt Ion: 70 Resp: 132297
Ion Ratio Lower Upper
70 100
42 51.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion: 136 Resp: 766402
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 4.5 6.7#
68 5.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 72.25 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

Instrument :

BNA_F

ClientSampleId :

W-1

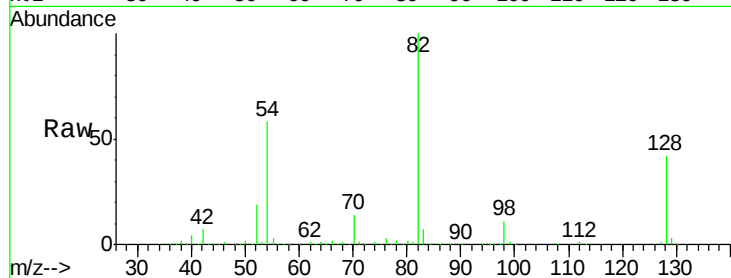
Tgt Ion: 82 Resp: 994363

Ion Ratio Lower Upper

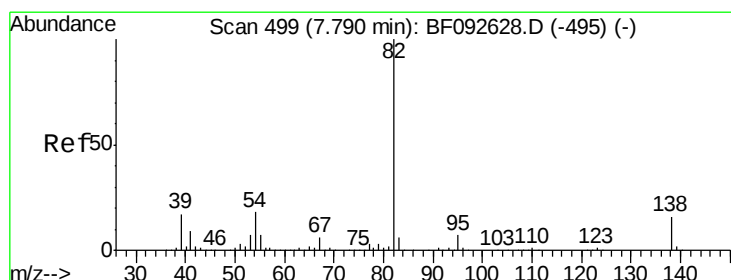
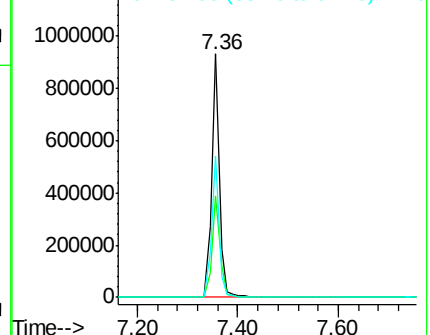
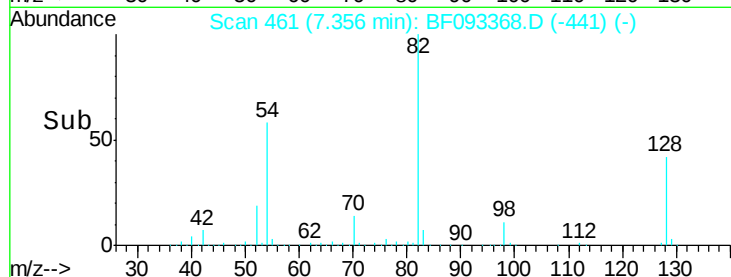
82 100

128 41.7 34.6 52.0

54 57.9 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: 31.23 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.33 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

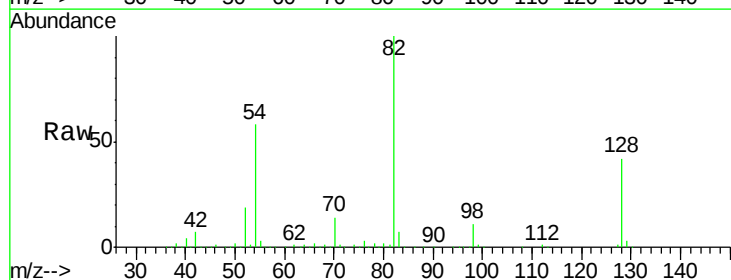
Tgt Ion: 82 Resp: 800924

Ion Ratio Lower Upper

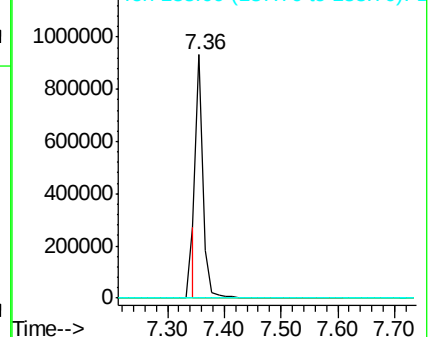
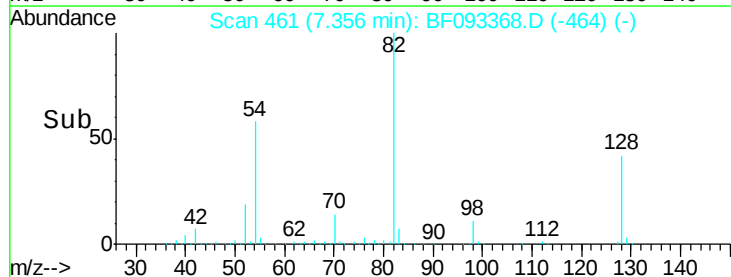
82 100

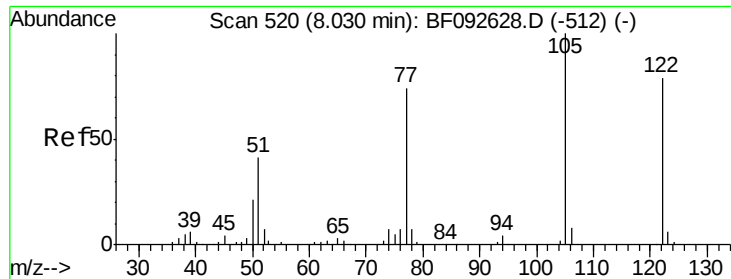
95 0.0 5.6 8.4#

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

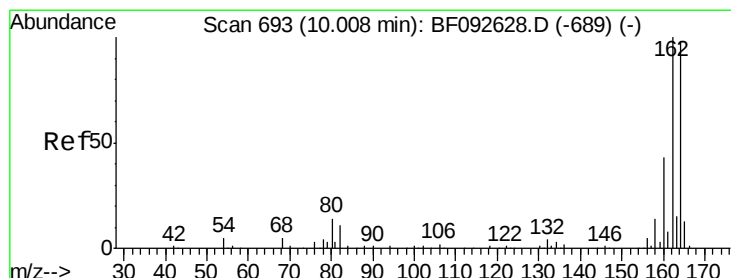
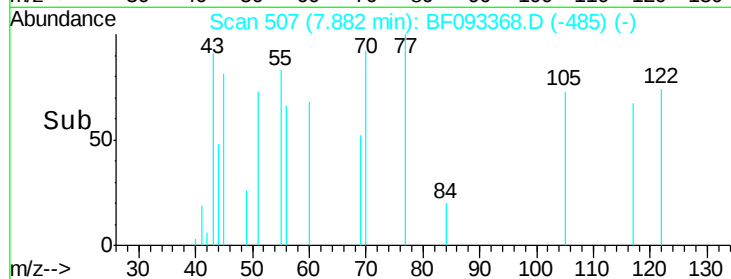
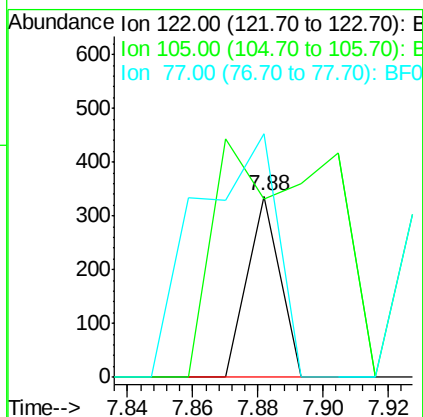
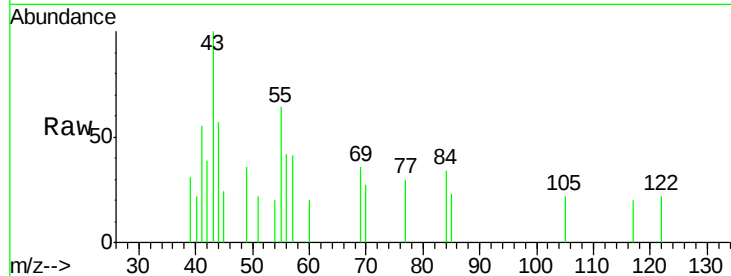




#32
Benzoic acid
Concen: 7.20 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

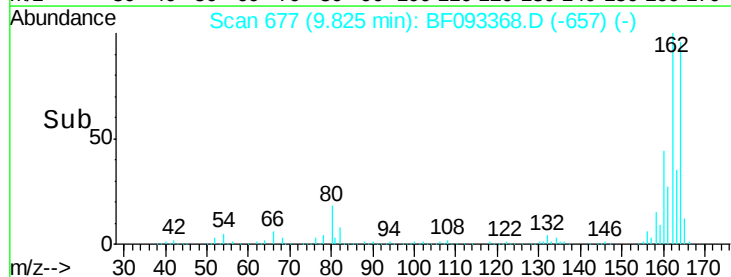
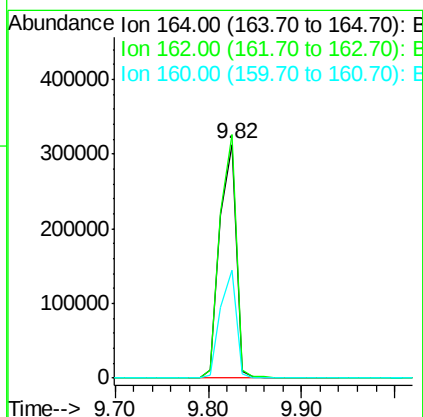
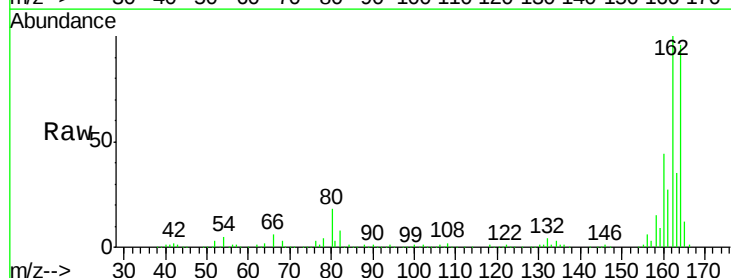
Instrument :
BNA_F
ClientSampleId :
W-1

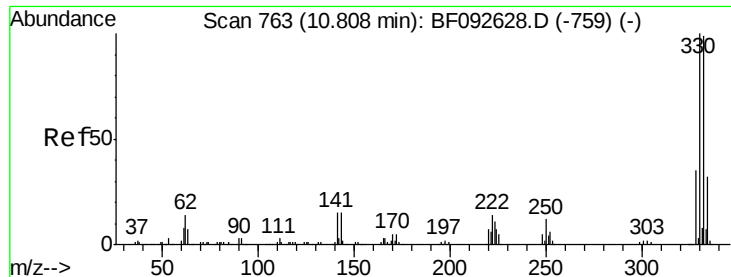
Tgt Ion:122 Resp: 231
Ion Ratio Lower Upper
122 100
105 98.5 107.2 147.2#
77 134.4 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion:164 Resp: 380885
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 46.1 36.9 55.3

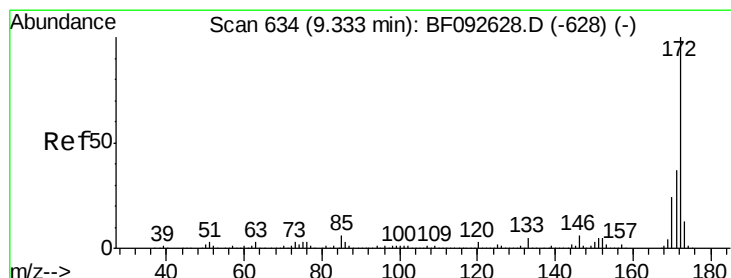
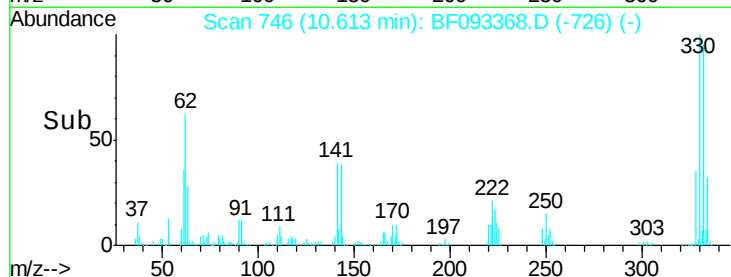
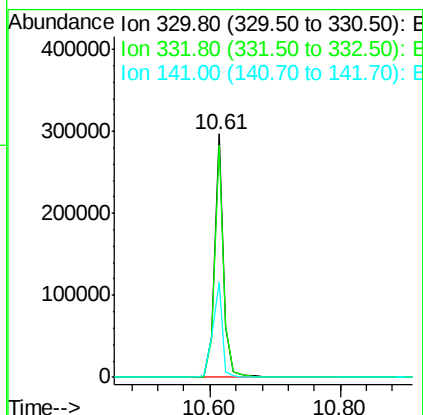
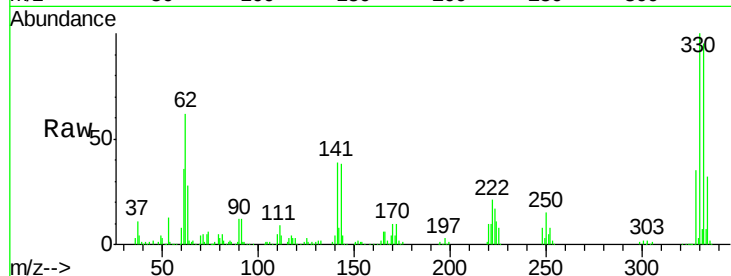




#41
 2,4,6-Tribromophenol
 Concen: 105.91 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

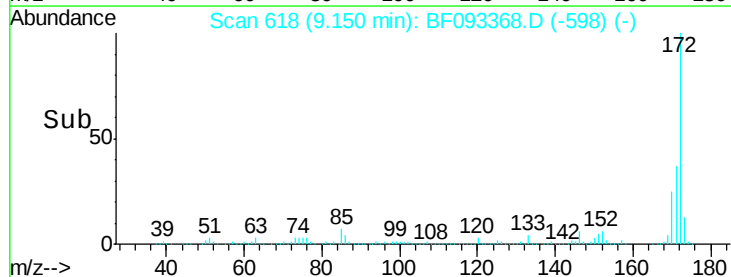
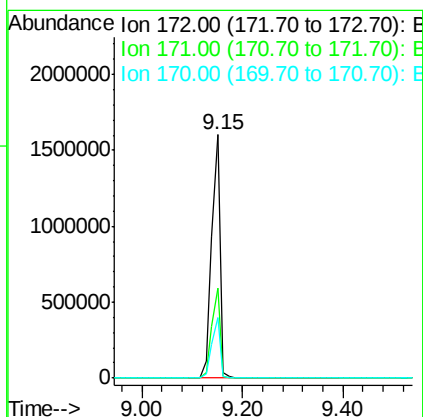
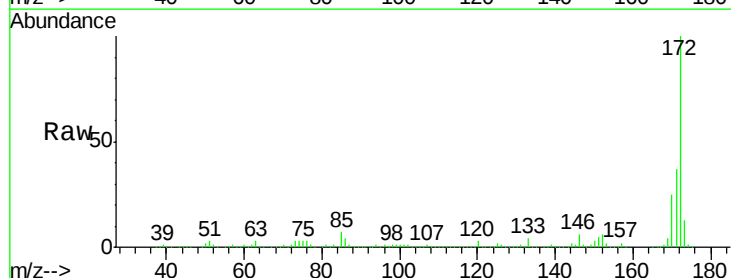
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 W-1

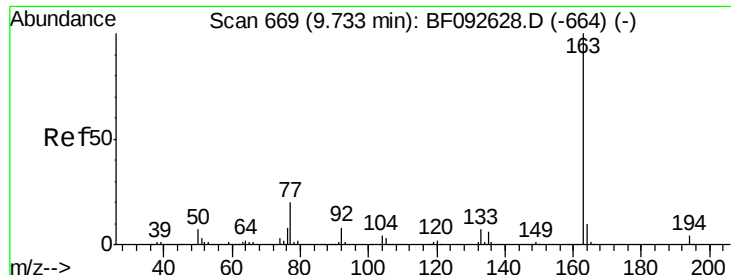
Tgt Ion: 330 Resp: 291773
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 42.3 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 88.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Tgt Ion: 172 Resp: 1869615
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 20.2 30.4

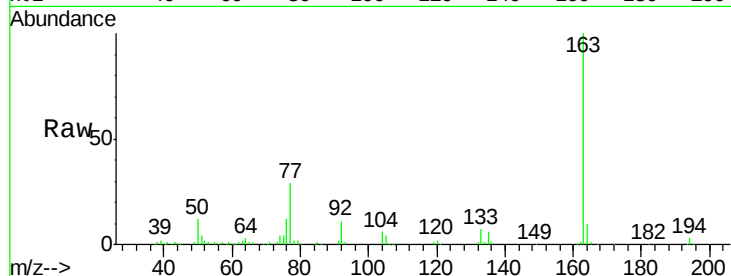




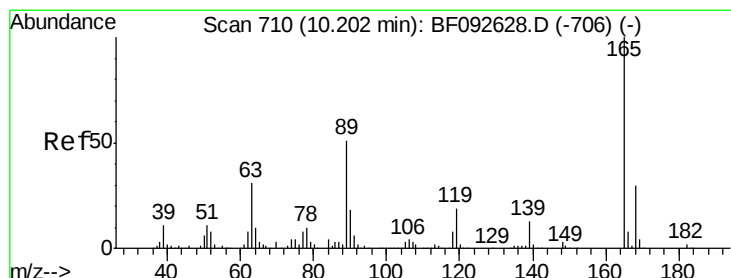
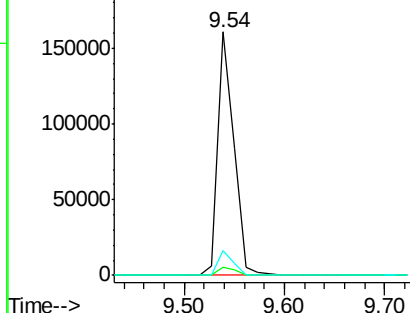
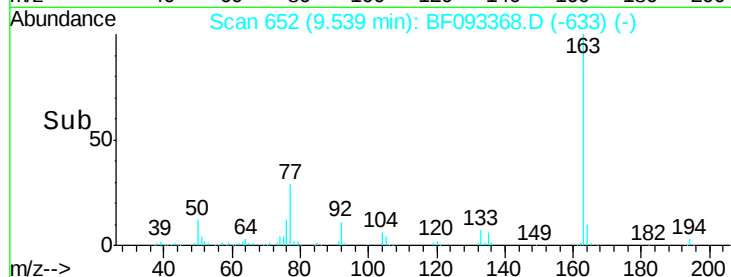
#49
Dimethylphthalate
Concen: 6.98 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Instrument :
BNA_F
ClientSampleId :
W-1

Tgt Ion:163 Resp: 178957
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0

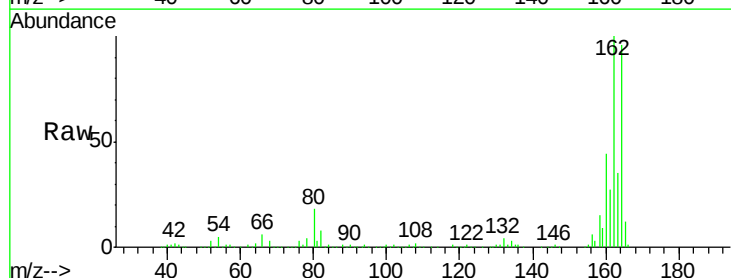


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

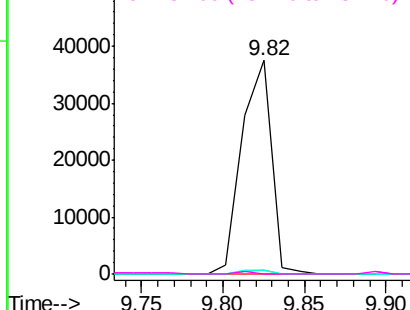
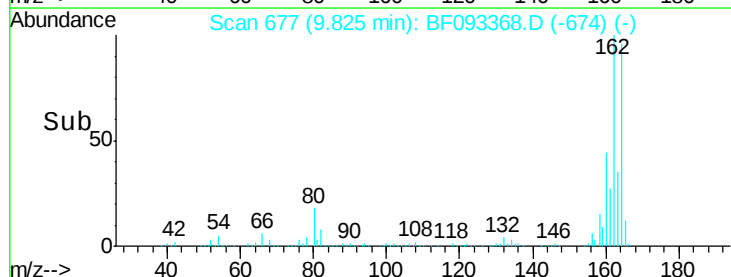


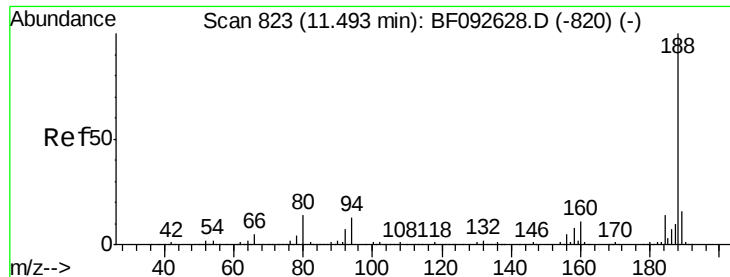
#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion:165 Resp: 46969
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

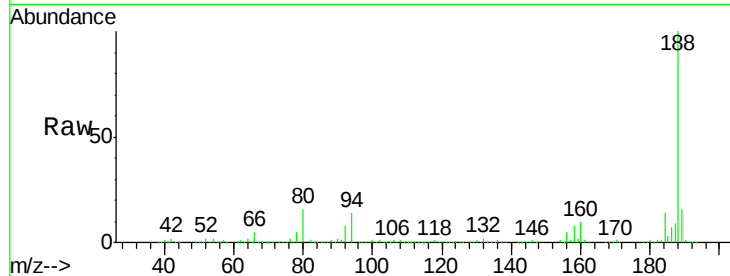




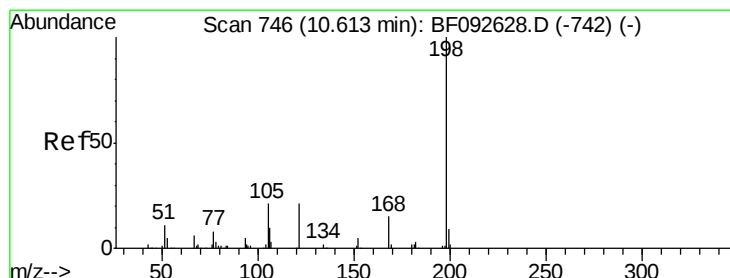
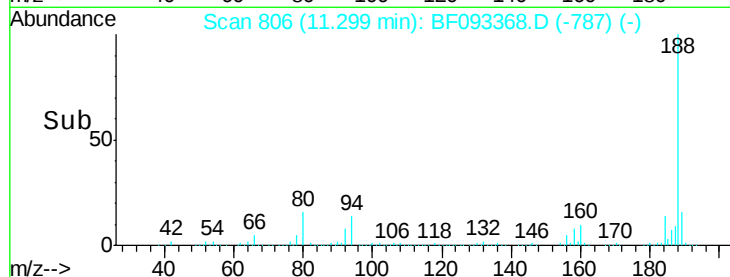
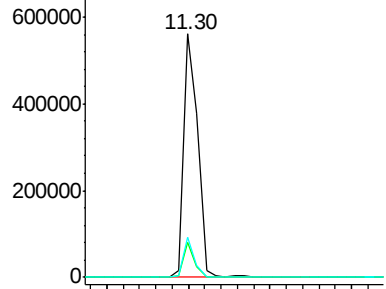
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tgt Ion:188 Resp: 677958
 Ion Ratio Lower Upper
 188 100
 94 14.3 10.0 15.0
 80 16.4 11.2 16.8

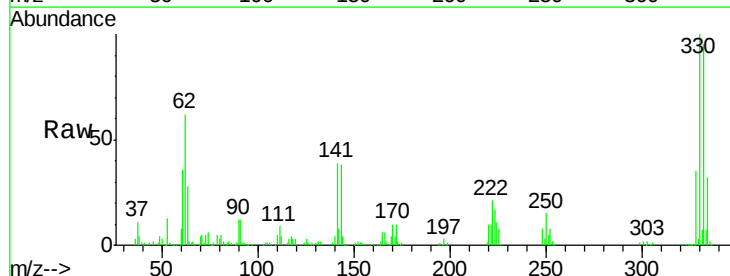


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

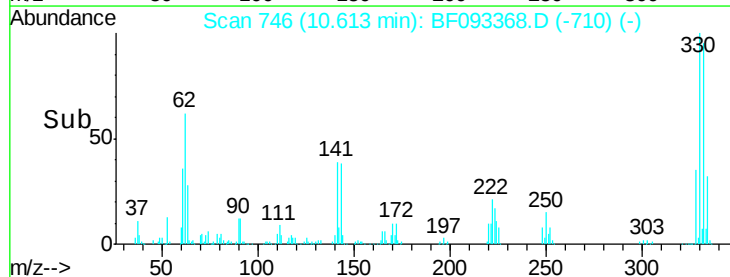
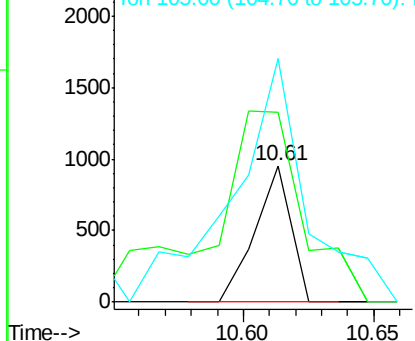


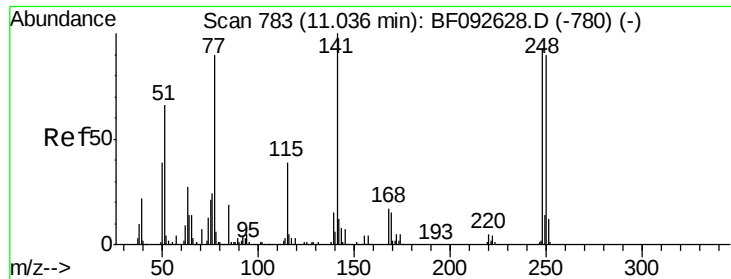
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.88 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.11 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Tgt Ion:198 Resp: 909
 Ion Ratio Lower Upper
 198 100
 51 139.5 6.7 46.7#
 105 178.7 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

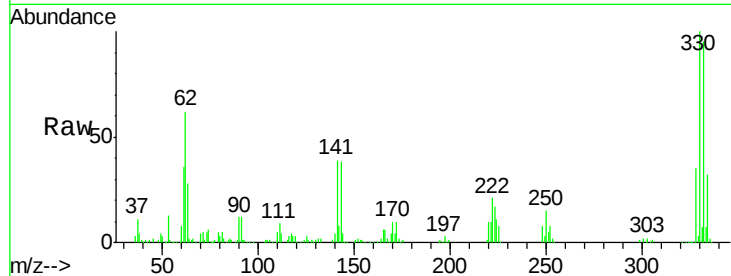




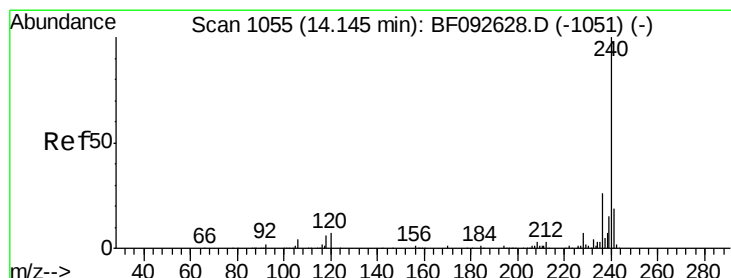
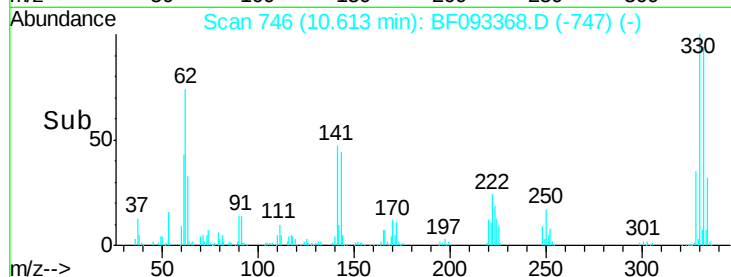
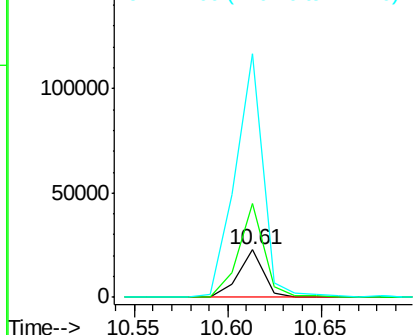
#66
 4-Bromophenyl-phenylether
 Concen: 3.05 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tgt Ion:248 Resp: 21624
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.9 115.3#
 141 513.0 68.2 102.4#

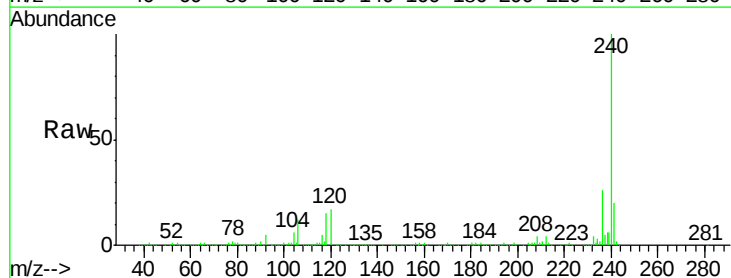


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

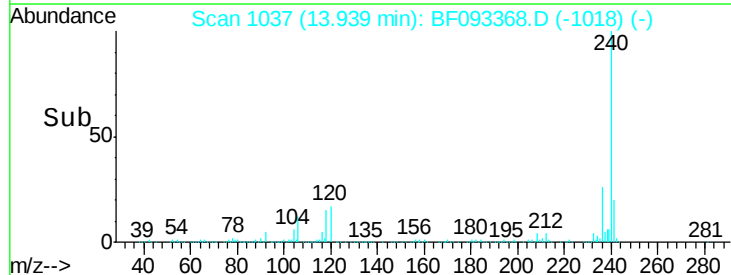
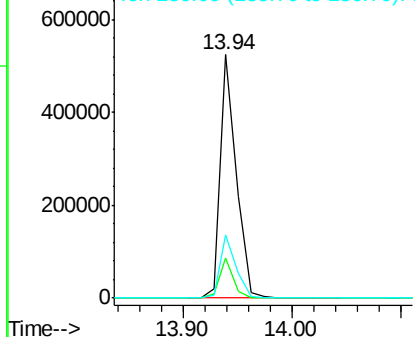


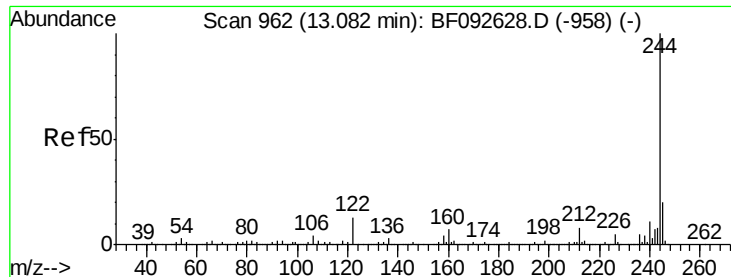
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Tgt Ion:240 Resp: 539855
 Ion Ratio Lower Upper
 240 100
 120 16.6 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

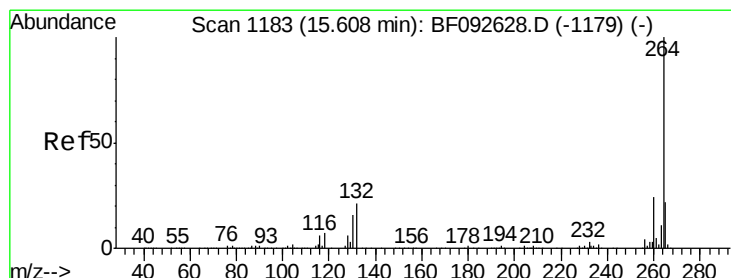
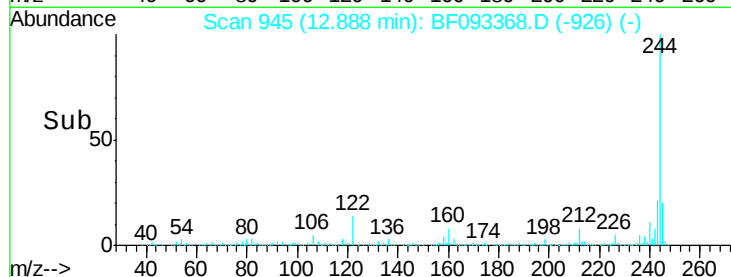
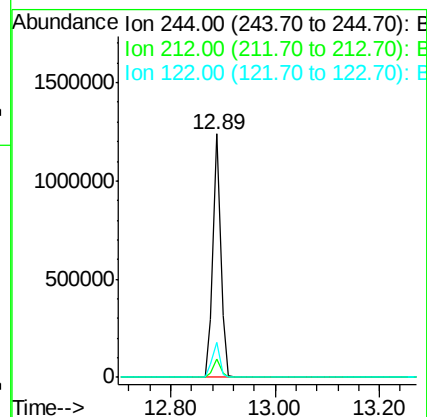
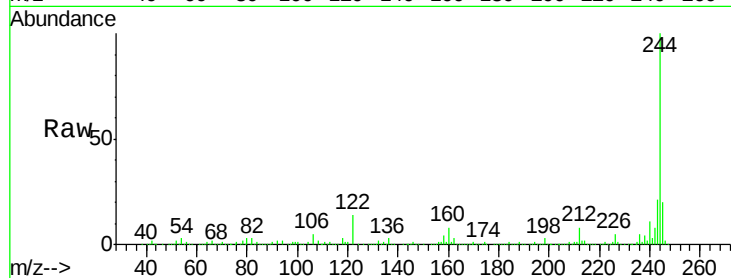




#78
 Terphenyl-d14
 Concen: 55.95 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tgt Ion:244 Resp: 1285510
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

Tgt Ion:264 Resp: 388422
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.4 26.0

