

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092439.D
 Acq On : 24 Jan 2017 20:00
 Operator : UM/SJ
 Sample : I1322-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Quant Time: Jan 24 23:53:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

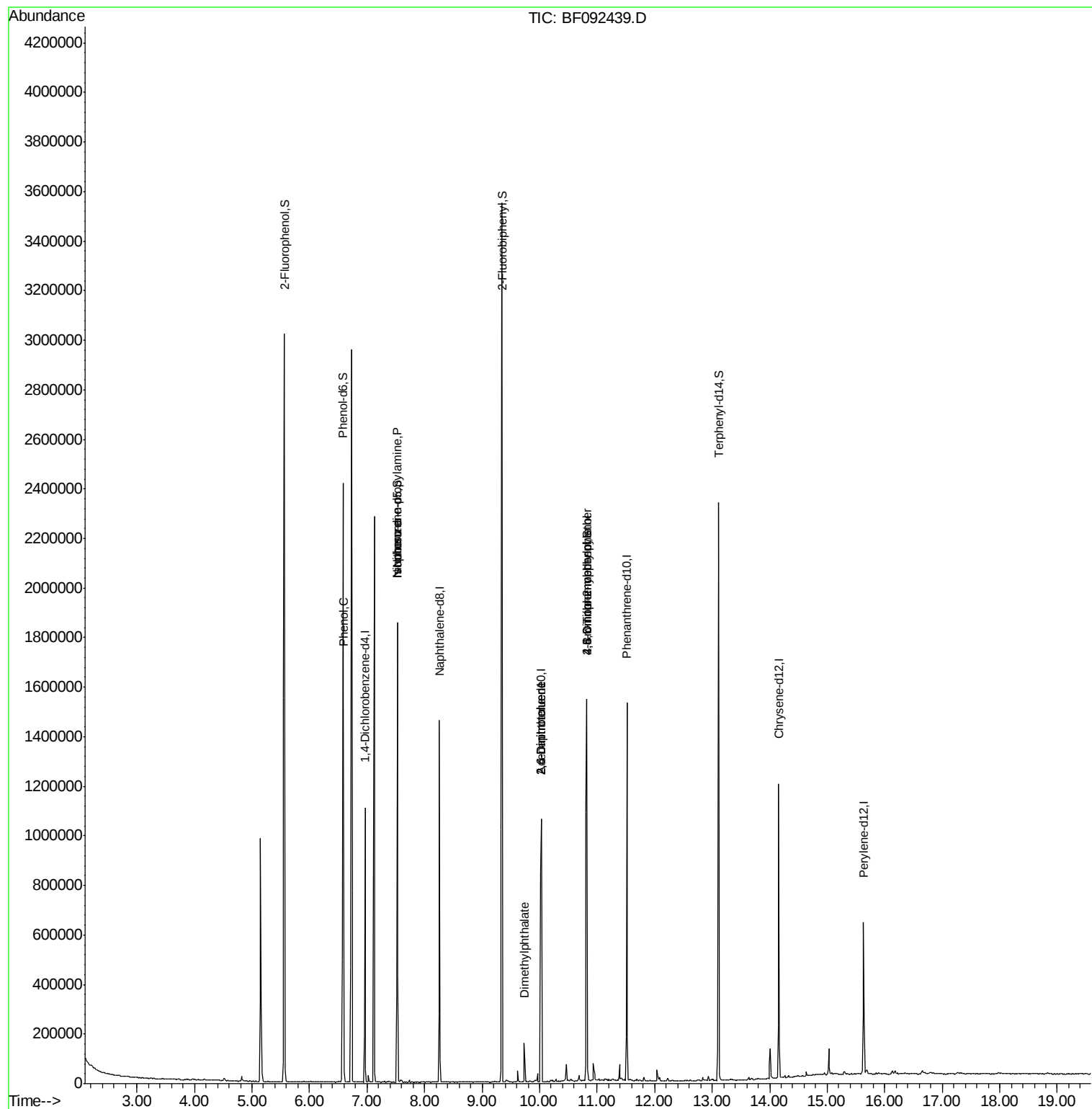
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150645	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	601039	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	317144	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	504061	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	373297	20.00	ng	-0.01
86) Perylene-d12	15.63	264	271863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	867134	89.56	ng	0.01
7) Phenol-d6	6.58	99	1056680	85.68	ng	-0.01
23) Nitrobenzene-d5	7.53	82	603517	54.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	203861	94.33	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1091721	63.65	ng	-0.01
78) Terphenyl-d14	13.12	244	1025596	73.16	ng	0.00
Target Compounds						
10) Phenol	6.59	94	38990	2.62	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	79677	9.49	ng	# 87
25) Isophorone	7.53	82	524377	24.18	ng	# 65
49) Dimethylphthalate	9.73	163	73259	3.63	ng	# 98
50) 2,6-Dinitrotoluene	10.03	165	41009	9.95	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	41010	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	474	5.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	16267	3.20	ng	# 1

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

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Data File : BF092439.D
Acq On : 24 Jan 2017 20:00
Operator : UM/SJ
Sample : I1322-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Quant Time: Jan 24 23:53:20 2017
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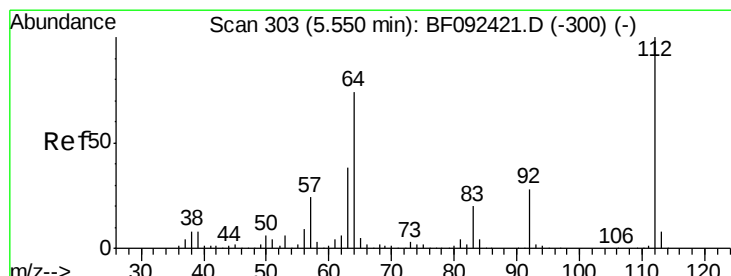
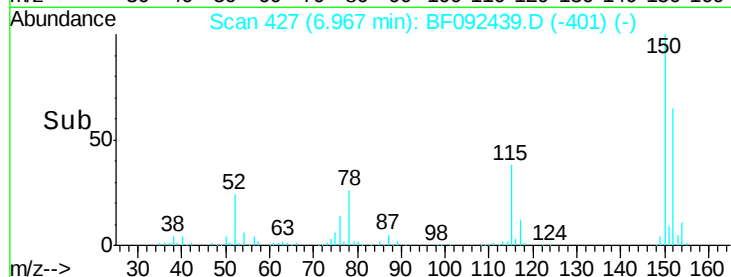
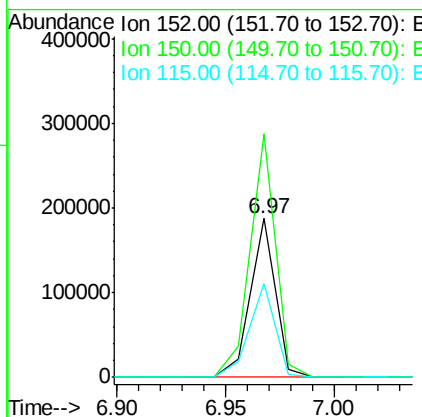
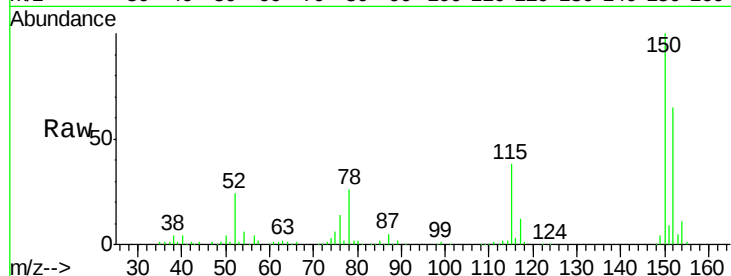




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

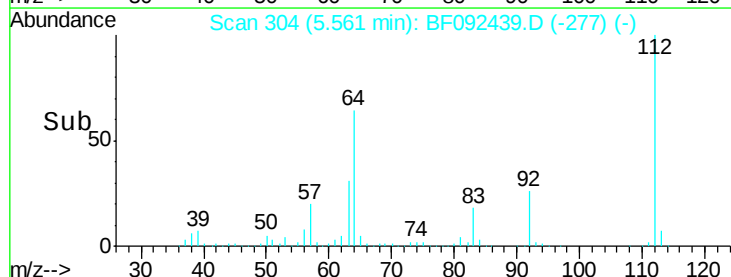
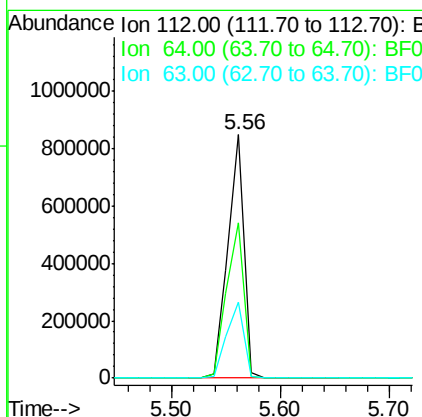
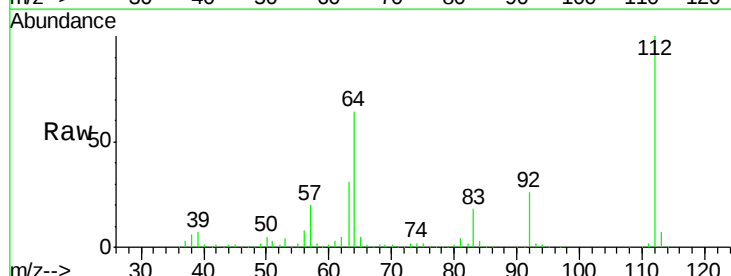
Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

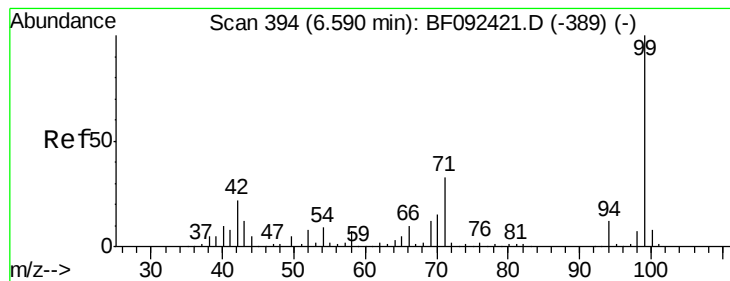
Tgt Ion:152 Resp: 150645
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.9 187.3
 115 58.6 46.0 69.0



#5
 2-Fluorophenol
 Concen: 89.56 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:112 Resp: 867134
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.1 69.1
 63 31.4 23.8 35.6





#7

Phenol-d6

Concen: 85.68 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

B1-8-9

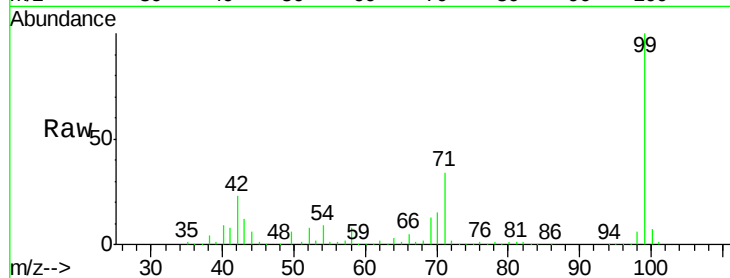
Tgt Ion: 99 Resp: 1056680

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

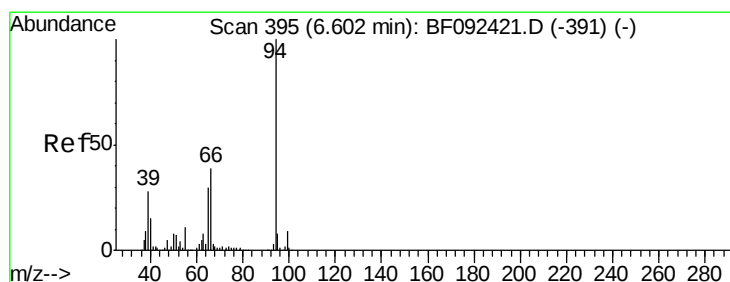
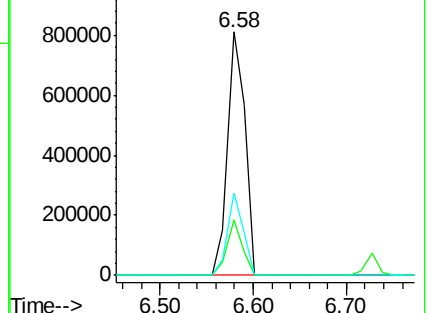
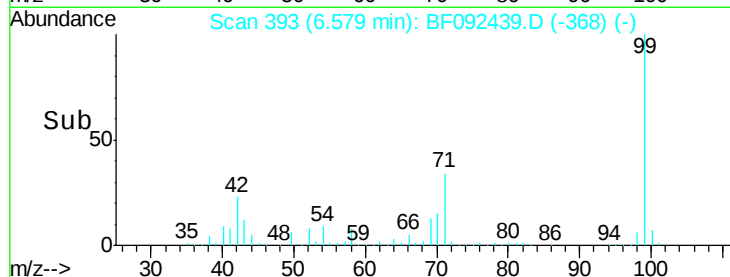
71 33.7 27.5 41.3



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: 2.62 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

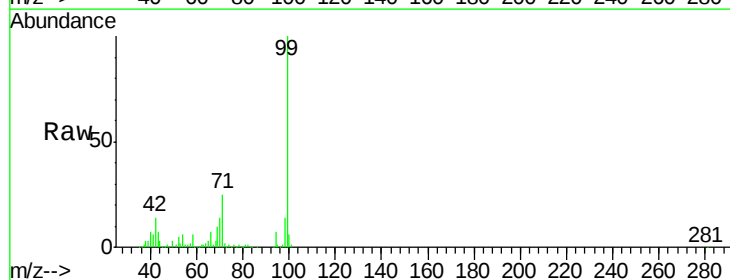
Tgt Ion: 94 Resp: 38990

Ion Ratio Lower Upper

94 100

65 46.2 21.4 61.4

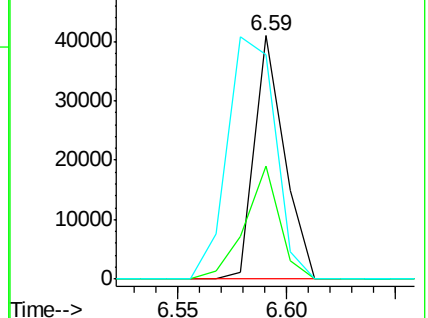
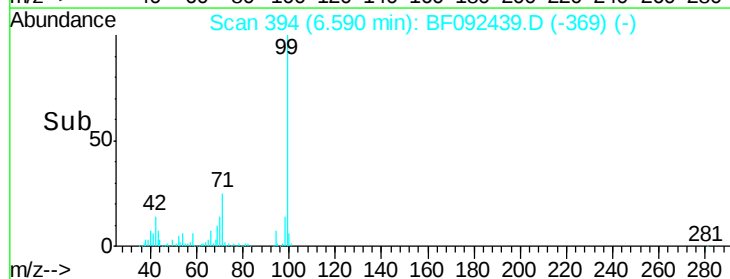
66 92.3 44.0 84.0#

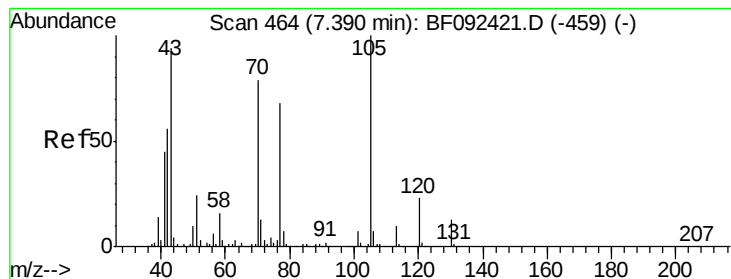


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.49 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

B1-8-9

Tgt Ion: 70 Resp: 79677

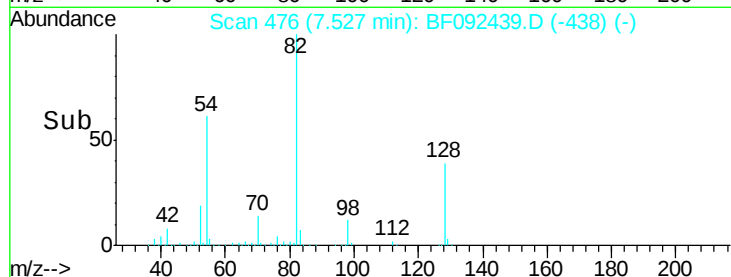
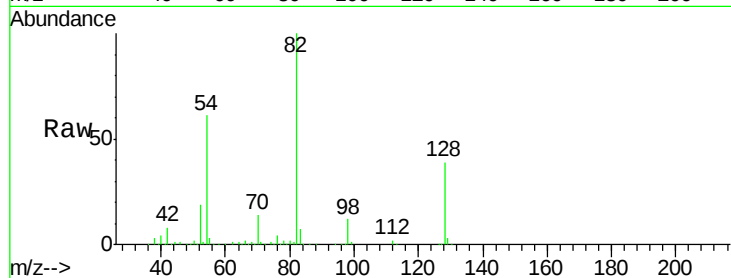
Ion Ratio Lower Upper

70 100

42 58.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

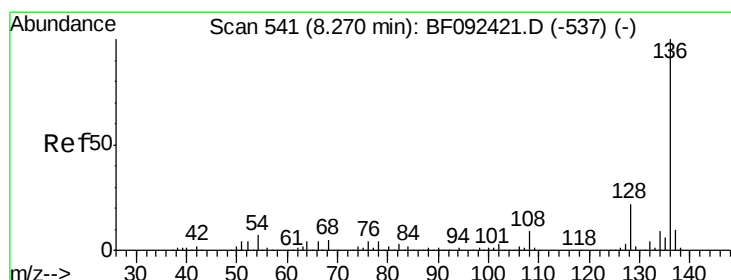
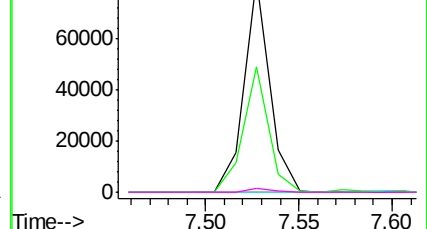


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

Tgt Ion: 136 Resp: 601039

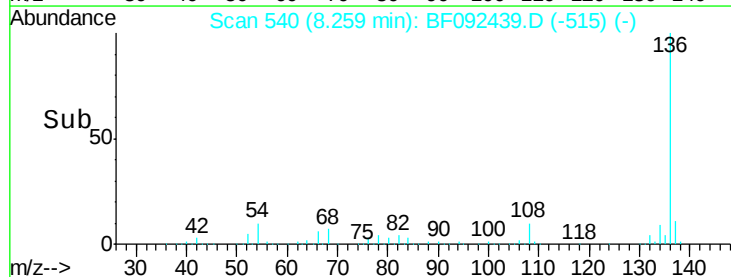
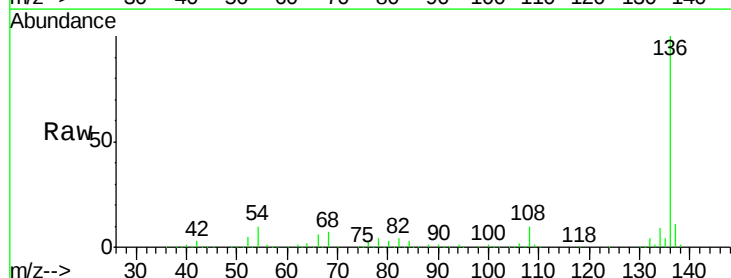
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.5 4.5 6.7#

68 7.1 3.6 5.4#

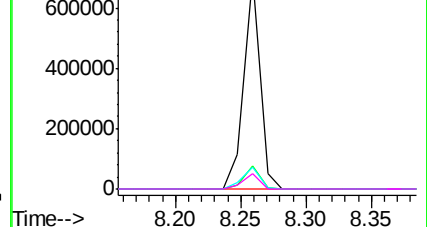


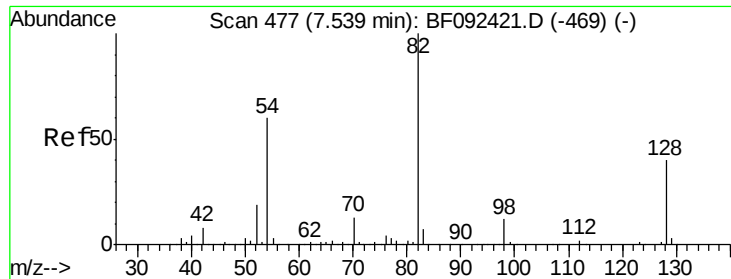
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

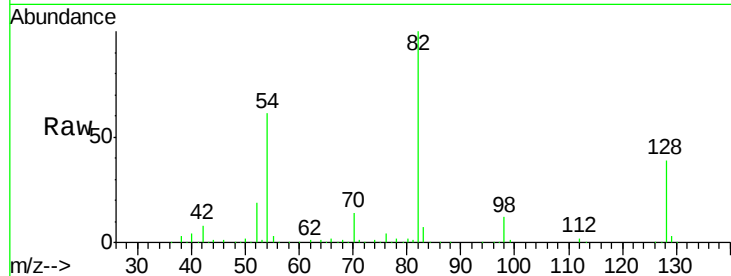




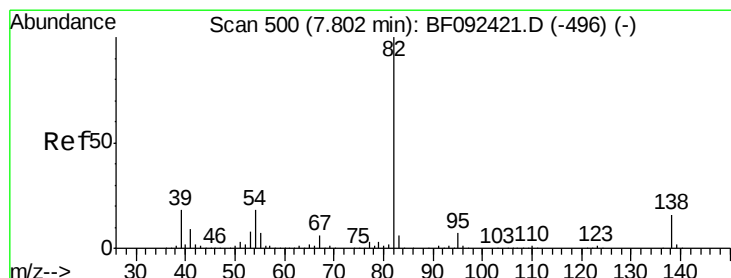
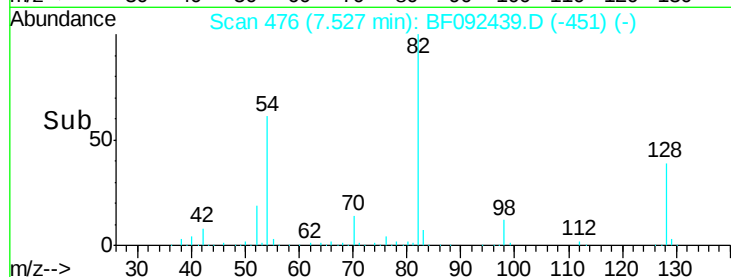
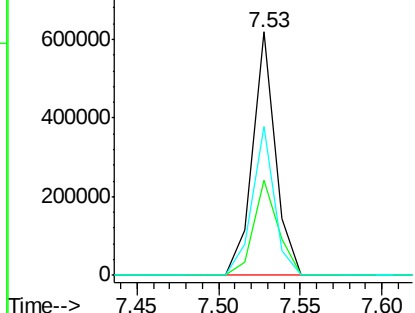
#23
 Nitrobenzene-d5
 Concen: 54.85 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.6	52.0
54	61.3	39.5	59.3#

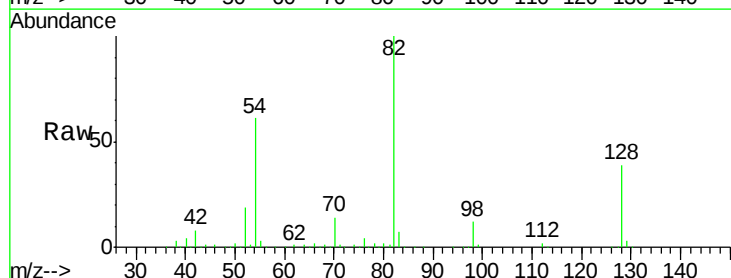


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

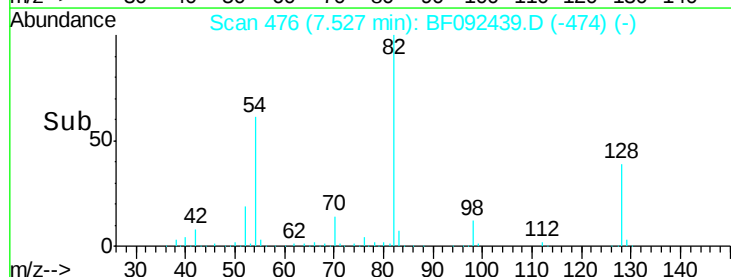
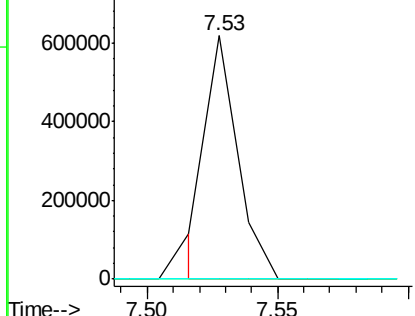


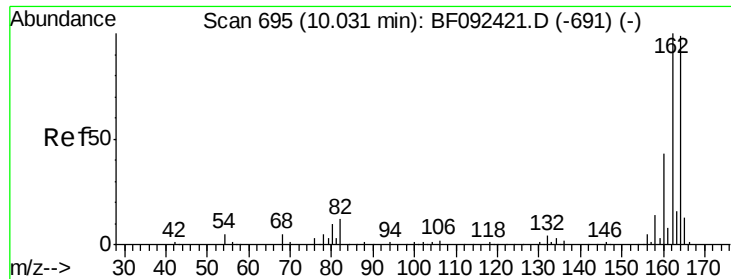
#25
 Isophorone
 Concen: 24.18 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt 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

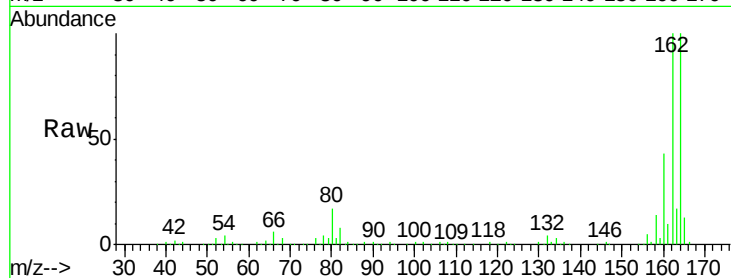




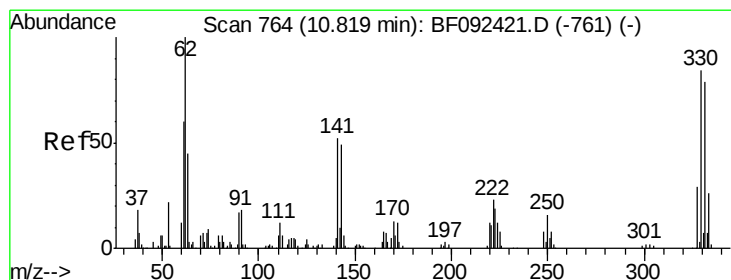
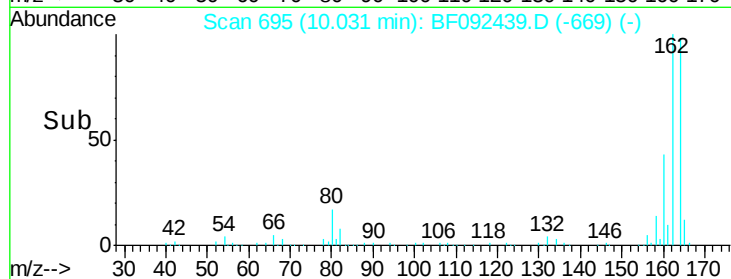
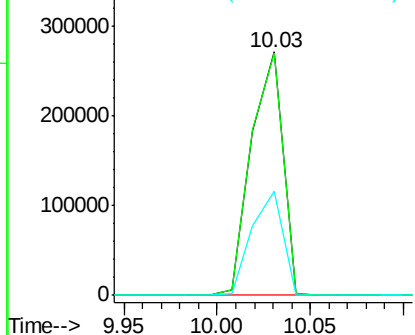
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Tgt Ion:164 Resp: 317144
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.2 120.2
 160 42.5 36.9 55.3

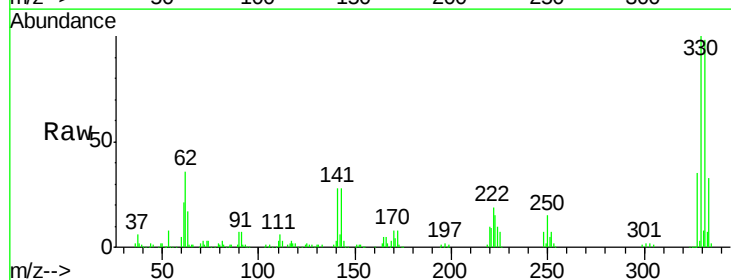


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

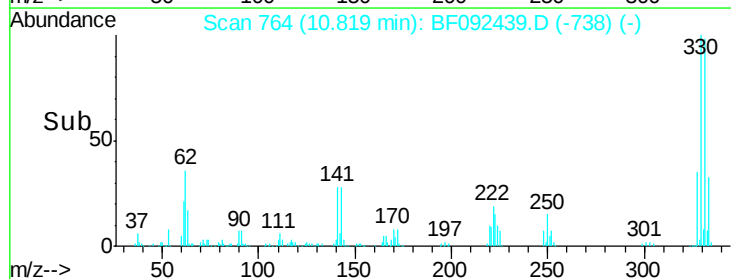
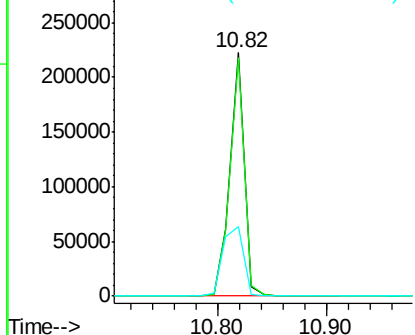


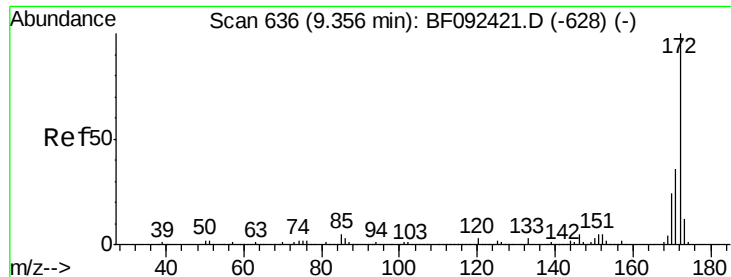
#41
 2,4,6-Tribromophenol
 Concen: 94.33 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:330 Resp: 203861
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 41.0 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

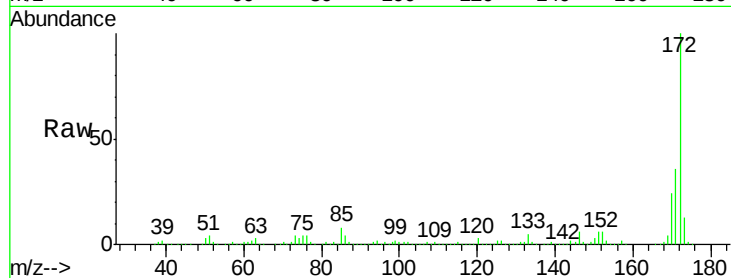




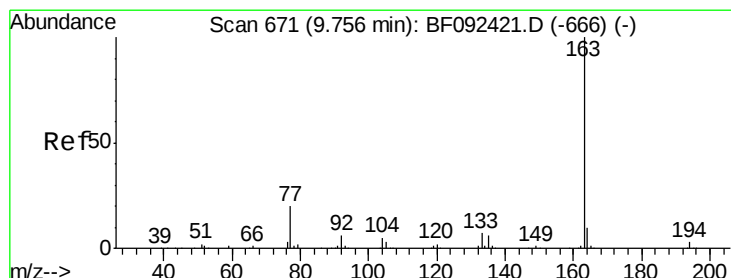
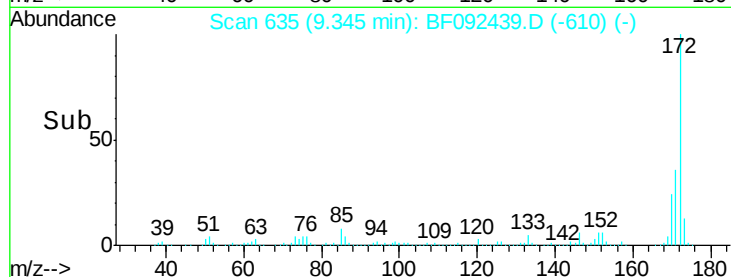
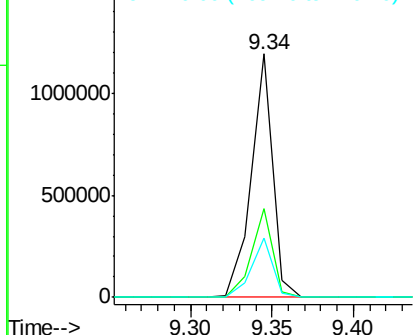
#44
2-Fluorobiphenyl
Concen: 63.65 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Tgt Ion:172 Resp: 1091721
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.2 20.2 30.4

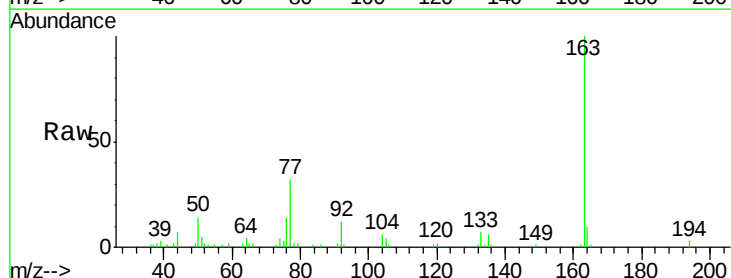


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

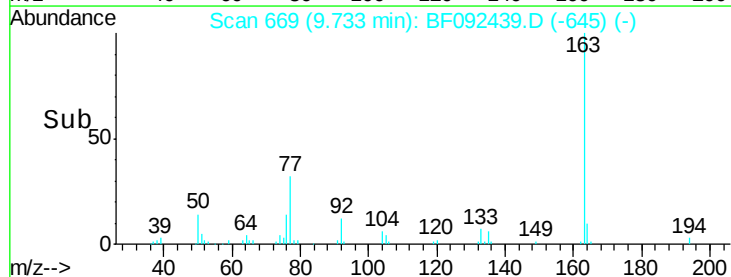
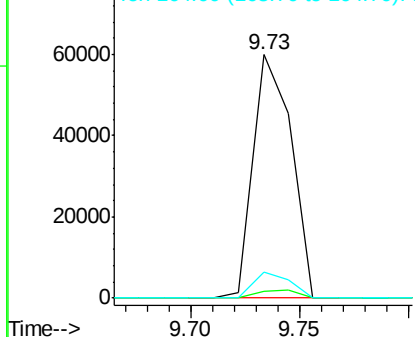


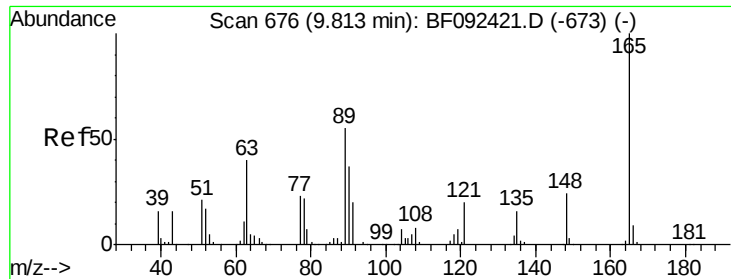
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:163 Resp: 73259
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.5 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

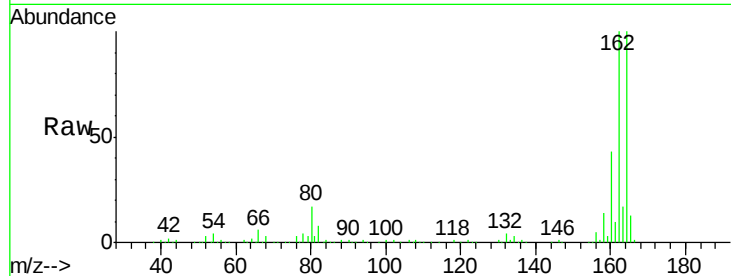




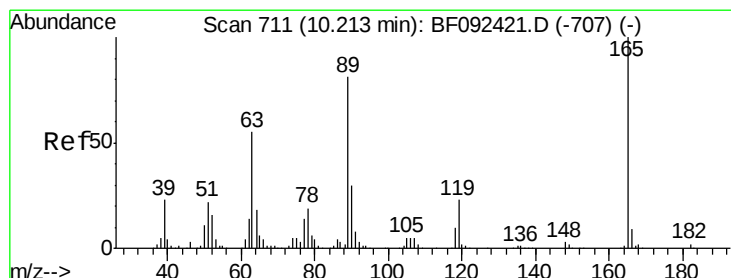
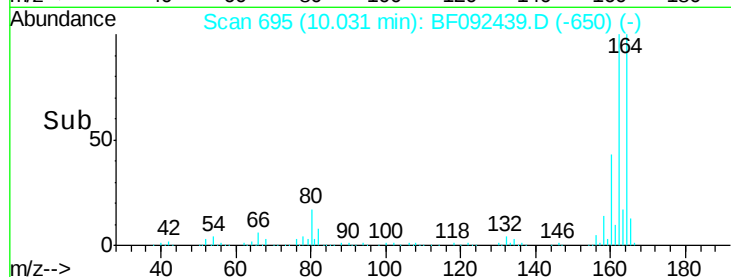
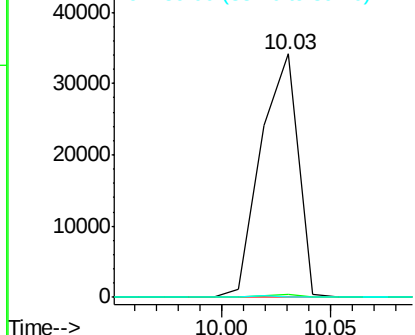
#50
2,6-Dinitrotoluene
Concen: 9.95 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Tgt Ion:165 Resp: 41009
Ion Ratio Lower Upper
165 100
63 1.1 36.2 54.4#
89 0.0 40.2 60.4#

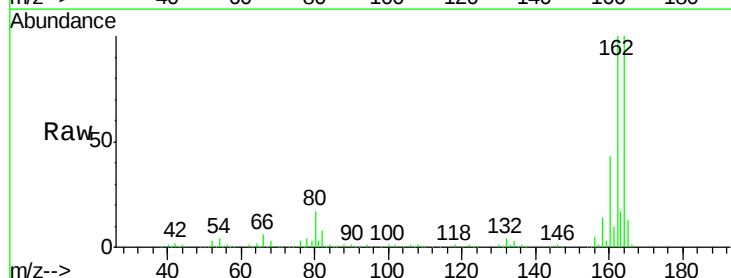


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

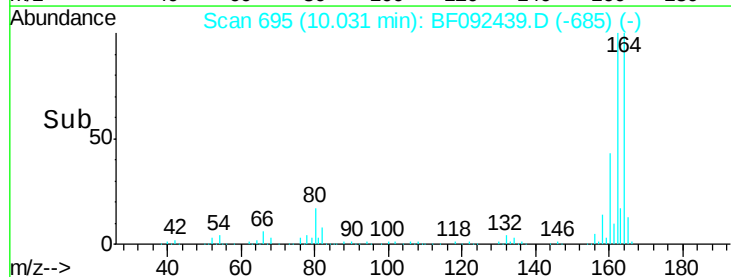
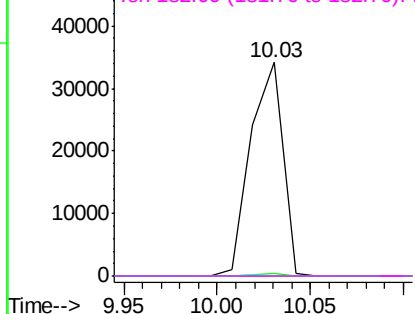


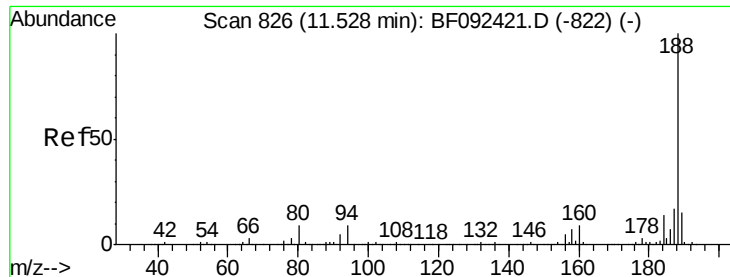
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:165 Resp: 41010
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 0.0 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

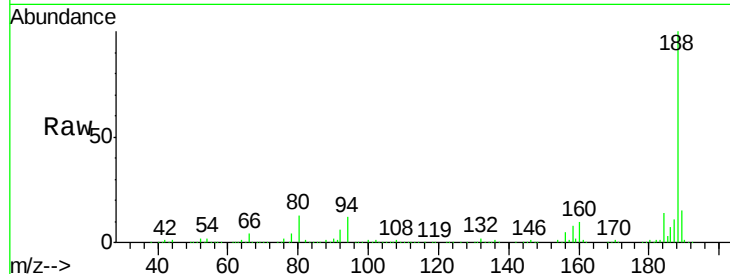




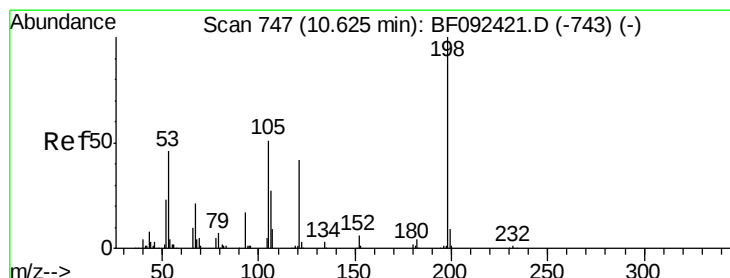
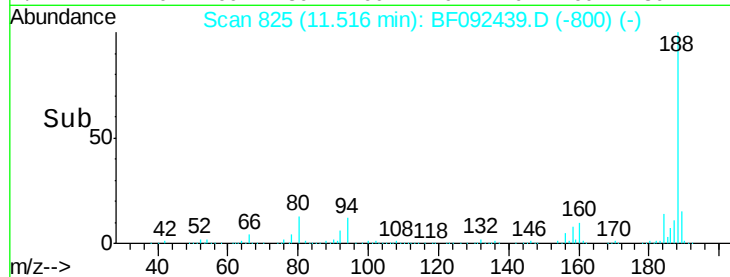
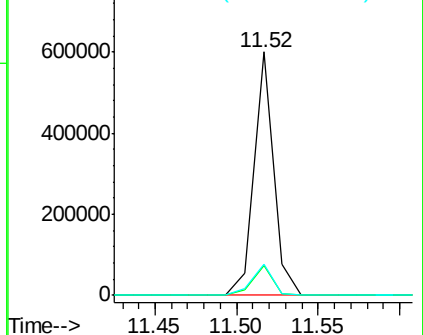
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Tgt Ion:188 Resp: 504061
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 12.8 11.2 16.8

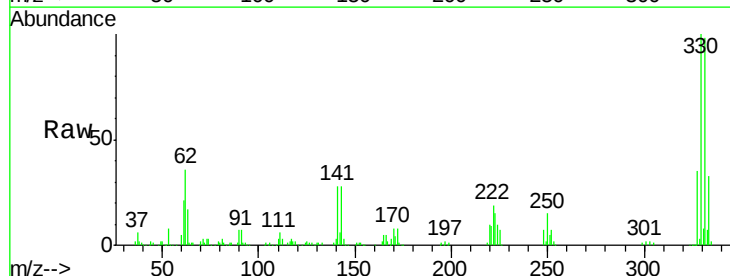


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

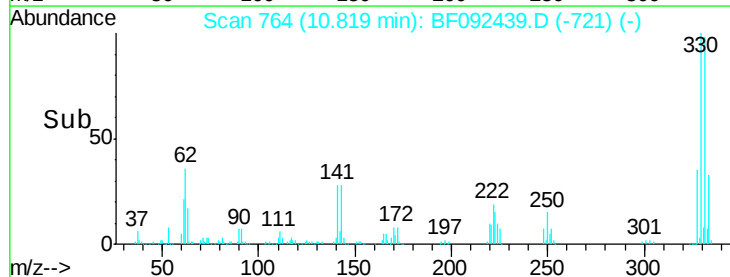
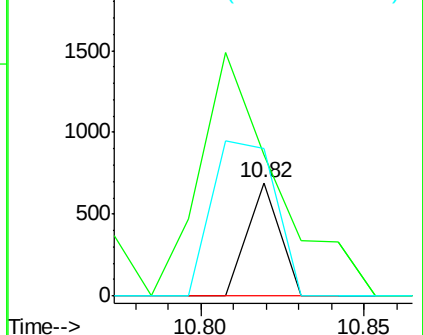


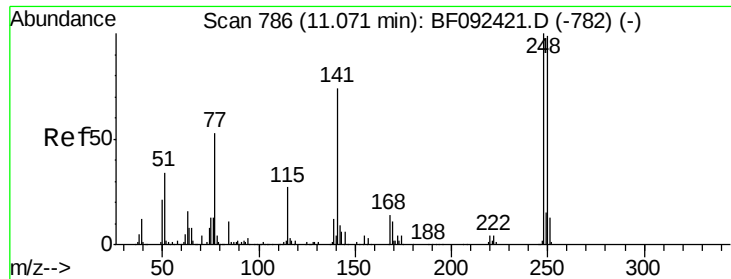
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.11 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:198 Resp: 474
 Ion Ratio Lower Upper
 198 100
 51 125.2 6.7 46.7#
 105 130.8 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

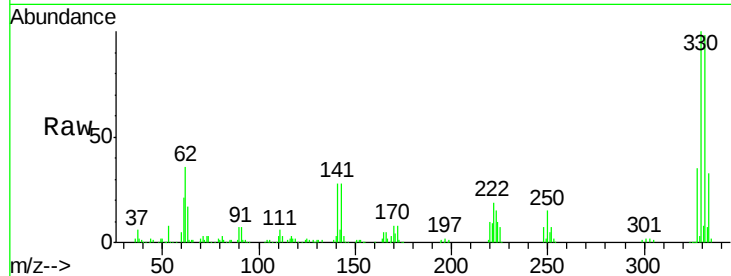




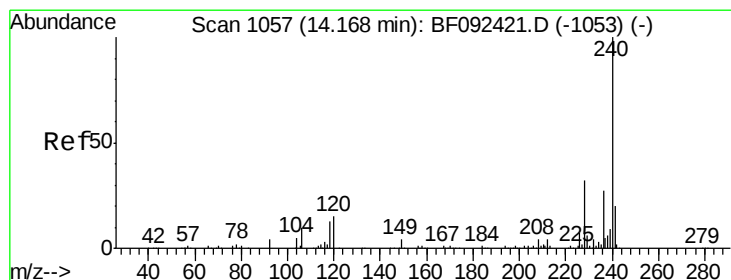
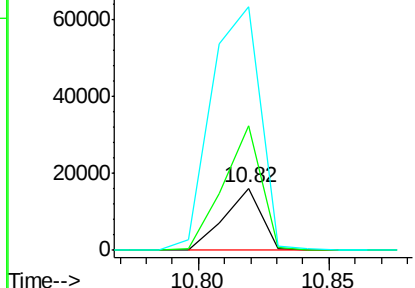
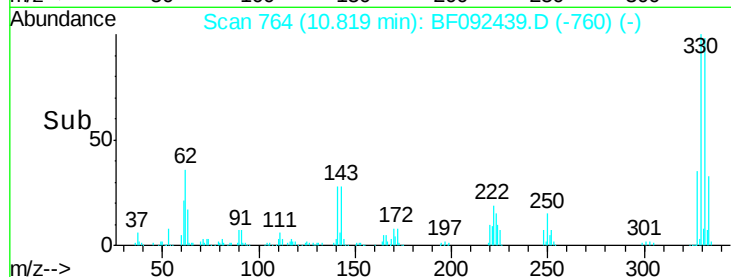
#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Tgt Ion:248 Resp: 16267
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 391.2 68.2 102.4#

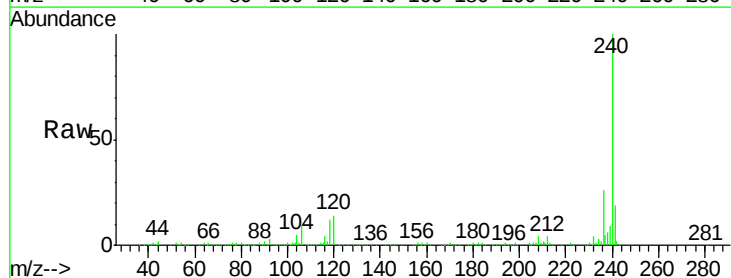


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

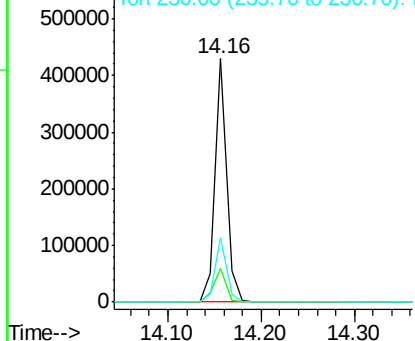
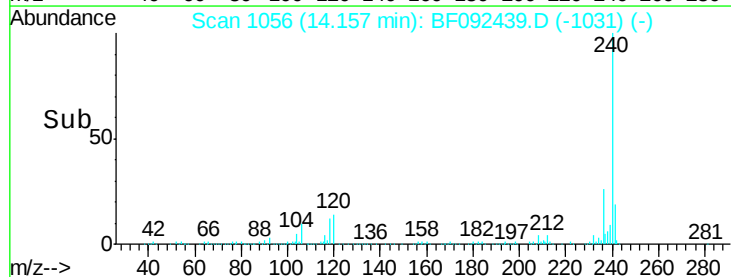


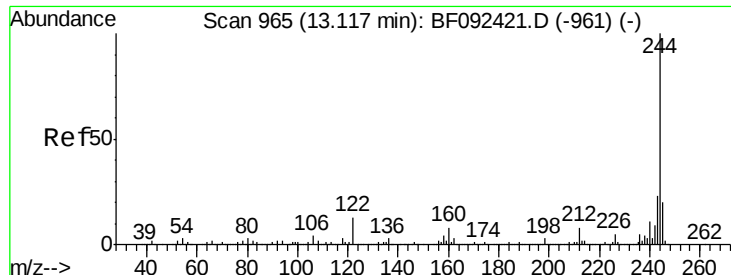
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:240 Resp: 373297
 Ion Ratio Lower Upper
 240 100
 120 14.0 12.9 19.3
 236 26.2 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

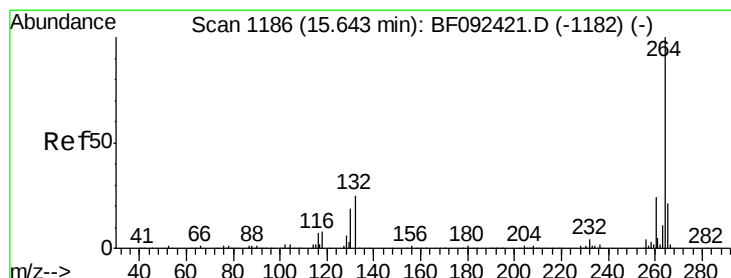
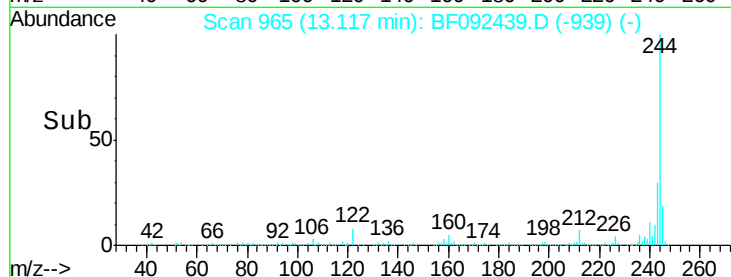
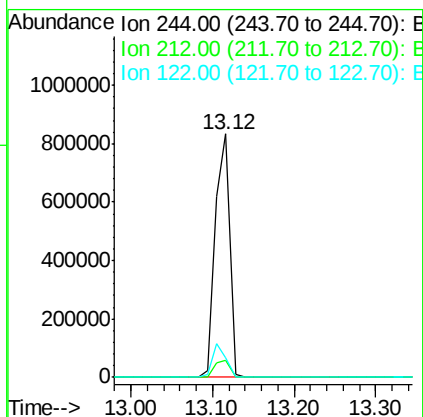
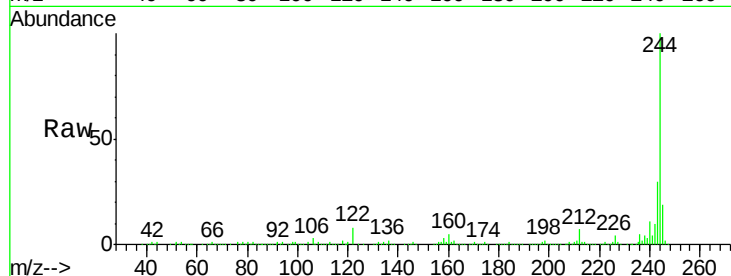




#78
 Terphenyl-d14
 Concen: 73.16 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampled :
 B1-8-9

Tgt Ion:244 Resp: 1025596
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:264 Resp: 271863
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.4 26.0

