

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092654.D
 Acq On : 31 Jan 2017 00:44
 Operator : SJ/MA
 Sample : I1554-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-AA3-AA4

Quant Time: Jan 31 01:39:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

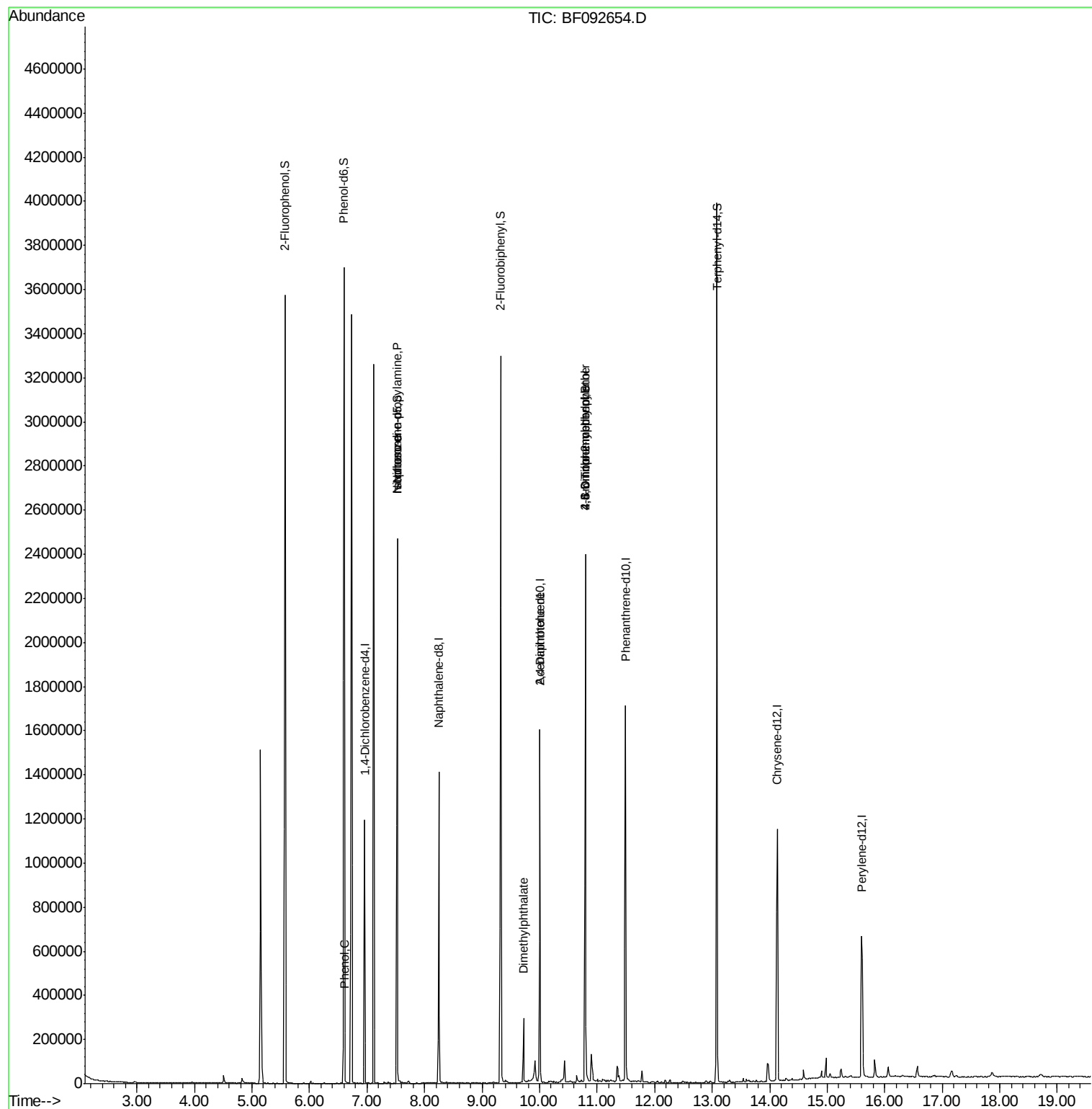
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163960	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	651867	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	383087	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	666453	20.00	ng	0.00
75) Chrysene-d12	14.13	240	502730	20.00	ng	-0.01
86) Perylene-d12	15.60	264	350983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	988430	103.43	ng	0.00
7) Phenol-d6	6.60	99	1361314	110.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	884192	75.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	279670	100.94	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1492697	70.59	ng	-0.01
78) Terphenyl-d14	13.08	244	1362045	63.66	ng	0.00
Target Compounds						
10) Phenol	6.61	94	52332	3.64	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	119649	15.29	ng	# 78
25) Isophorone	7.53	82	862479	39.54	ng	# 65
49) Dimethylphthalate	9.72	163	133943	5.19	ng	99
56) 2,4-Dinitrotoluene	10.01	165	49303	6.65	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	809	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21445	3.08	ng	# 1

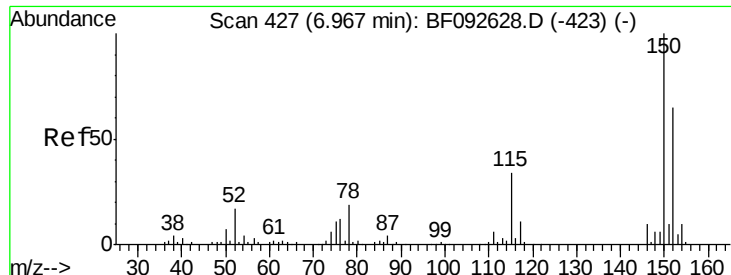
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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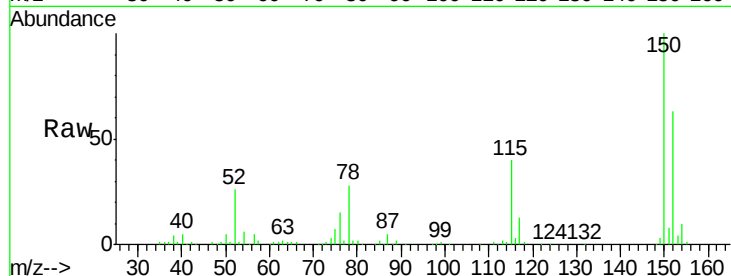




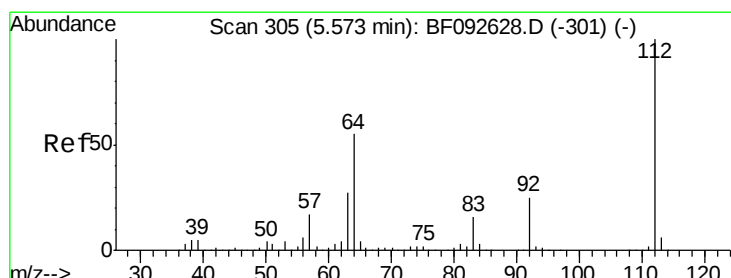
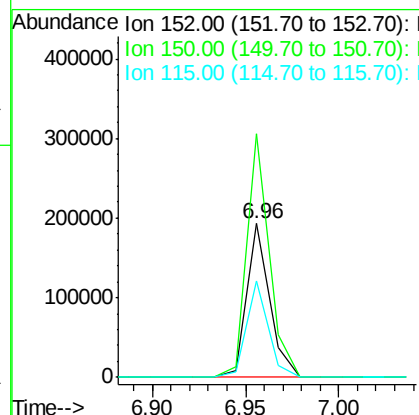
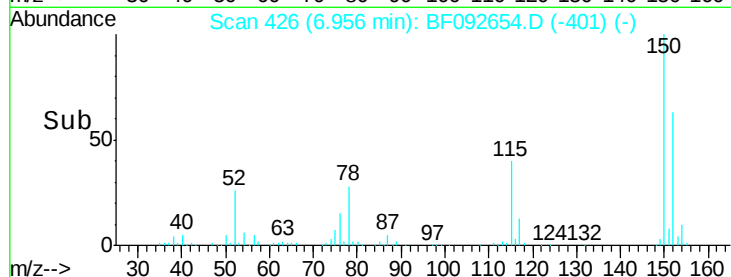
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion:152 Resp: 163960
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 62.9 46.0 69.0

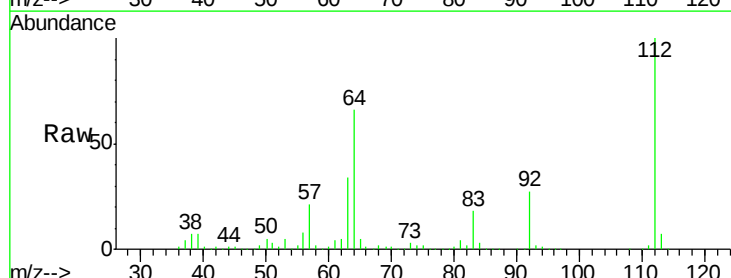


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

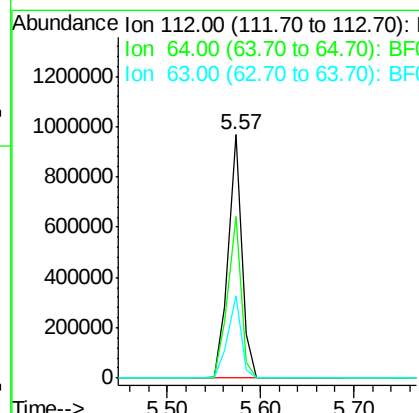
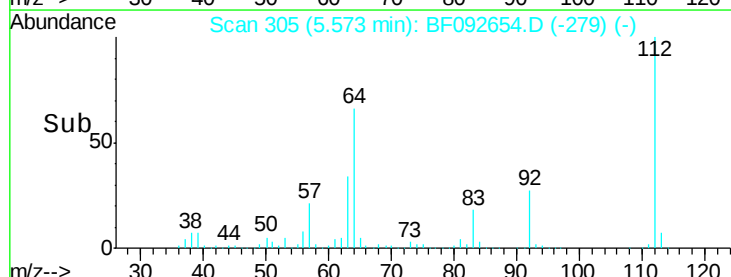


#5
 2-Fluorophenol
 Concen: 103.43 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Tgt Ion:112 Resp: 988430
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.1 69.1
 63 33.8 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: 110.71 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-AA3-AA4

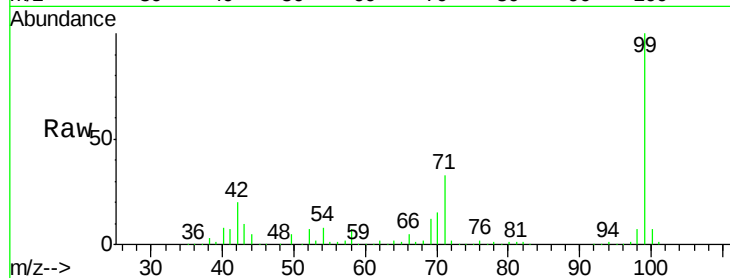
Tgt Ion: 99 Resp: 1361314

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

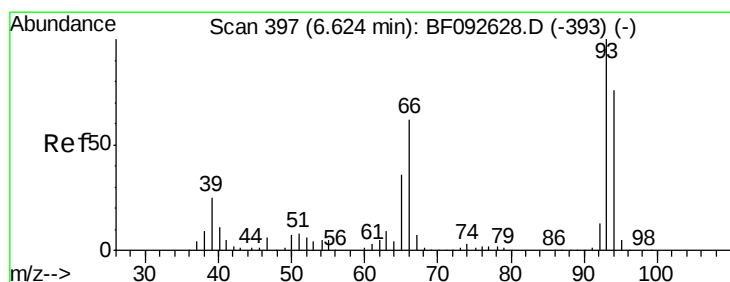
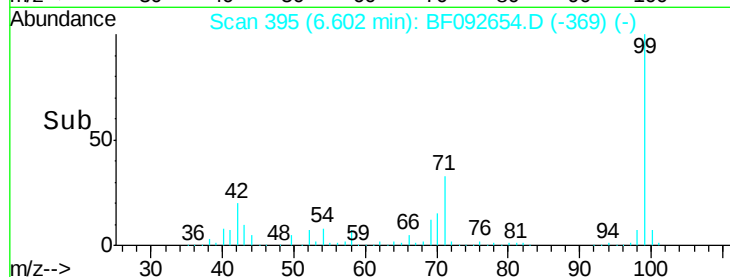
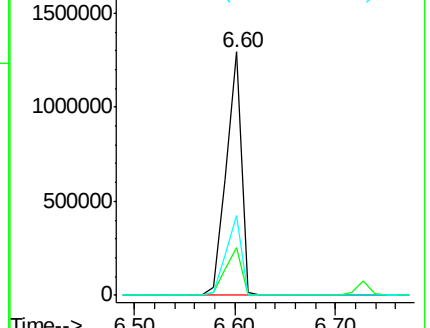
71 32.8 27.5 41.3



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: 3.64 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

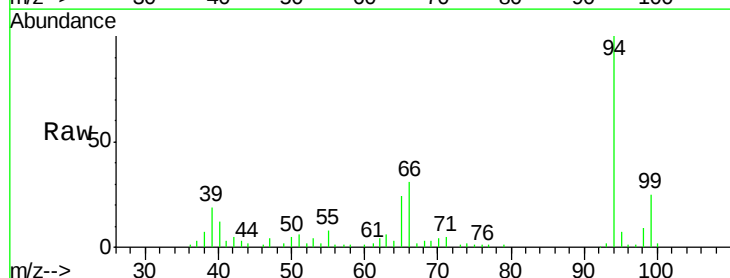
Tgt Ion: 94 Resp: 52332

Ion Ratio Lower Upper

94 100

65 23.7 21.4 61.4

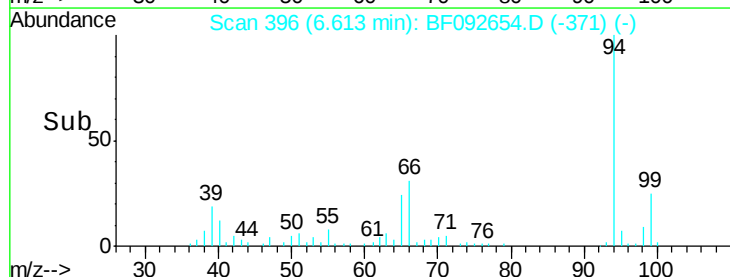
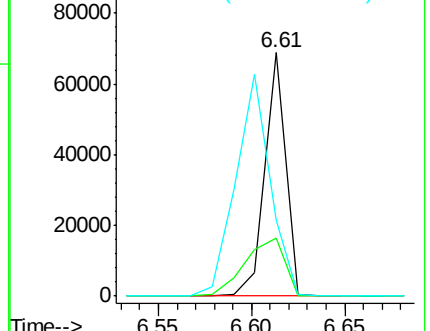
66 31.1 44.0 84.0#

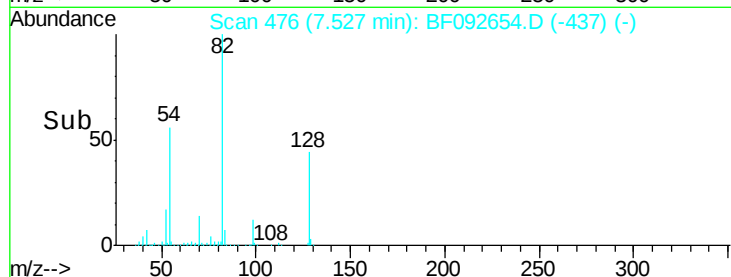
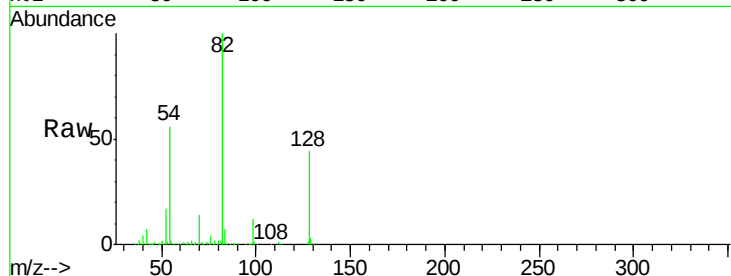
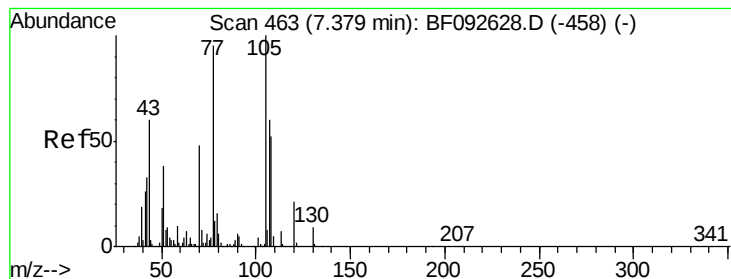


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 15.29 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion: 70 Resp: 119649

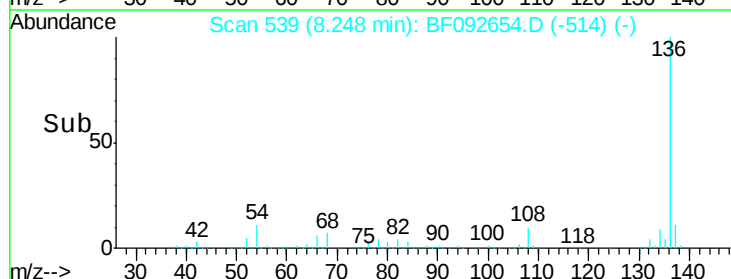
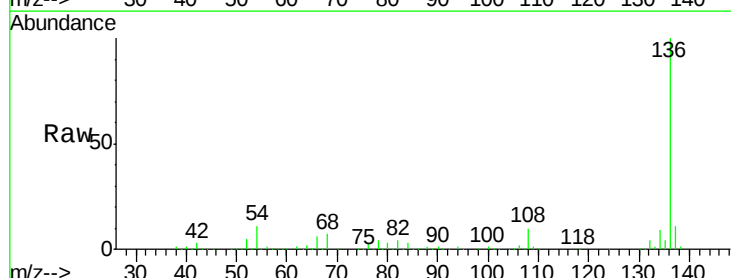
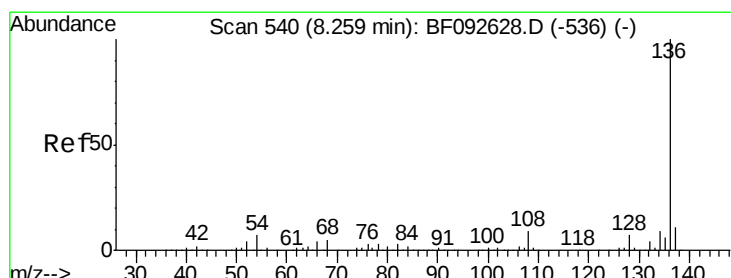
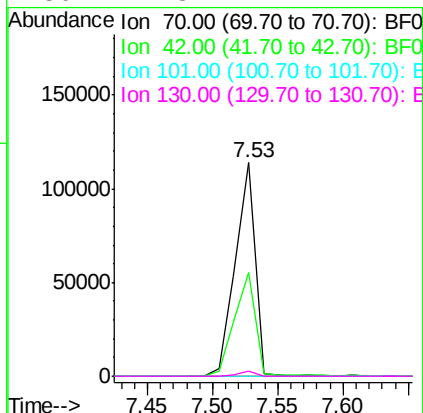
Ion Ratio Lower Upper

70 100

42 48.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

Tgt Ion: 136 Resp: 651867

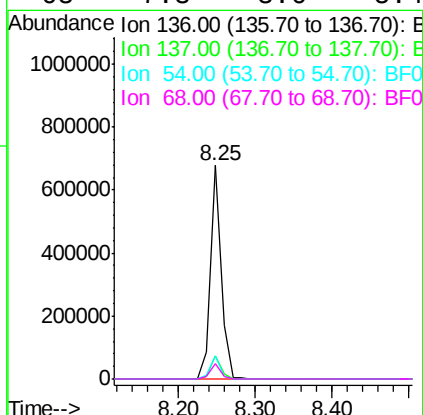
Ion Ratio Lower Upper

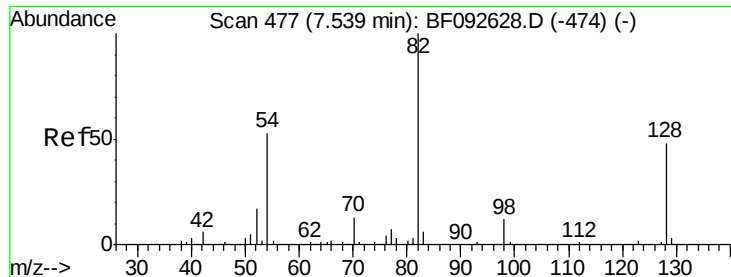
136 100

137 11.1 8.4 12.6

54 10.7 4.5 6.7#

68 7.3 3.6 5.4#

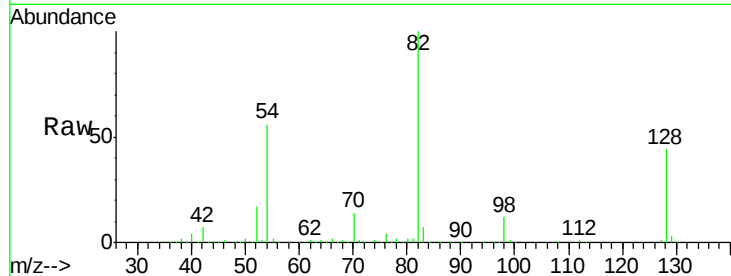




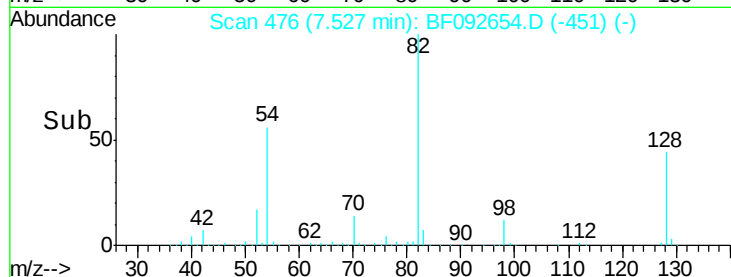
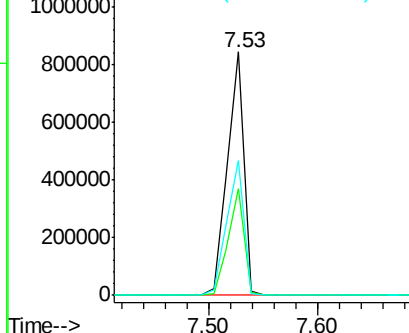
#23
 Nitrobenzene-d5
 Concen: 75.53 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion: 82 Resp: 884192
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 55.6 39.5 59.3

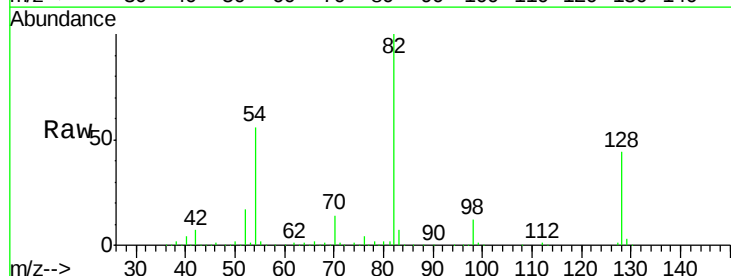


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

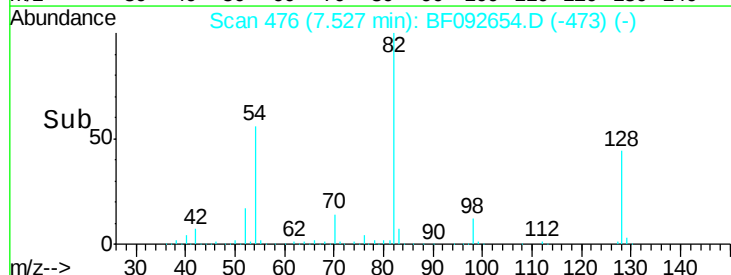
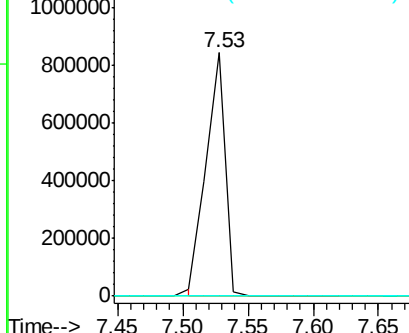


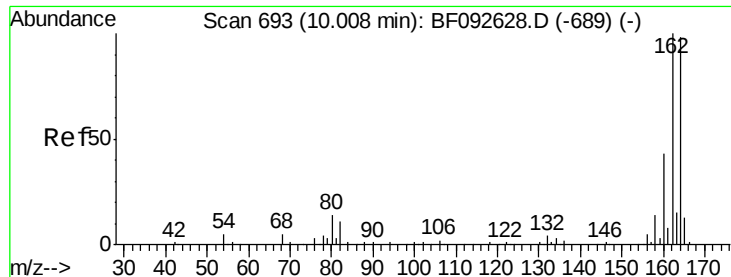
#25
 Isophorone
 Concen: 39.54 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Tgt Ion: 82 Resp: 862479
 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

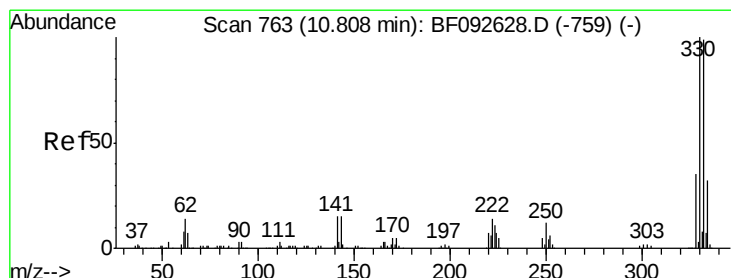
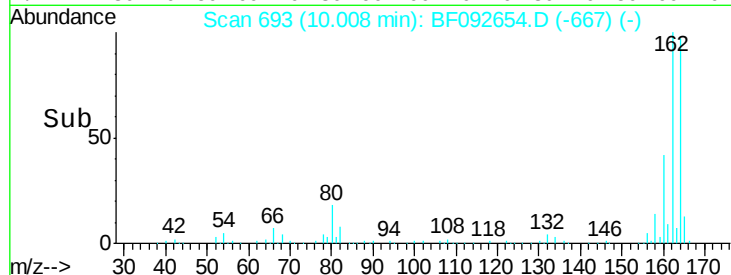
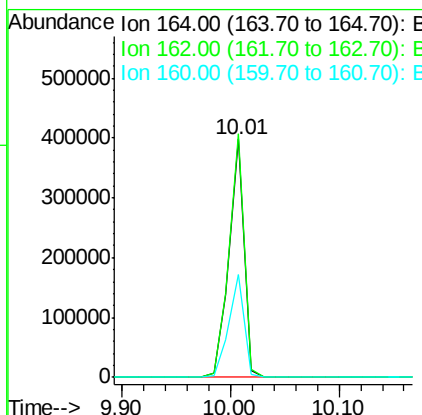
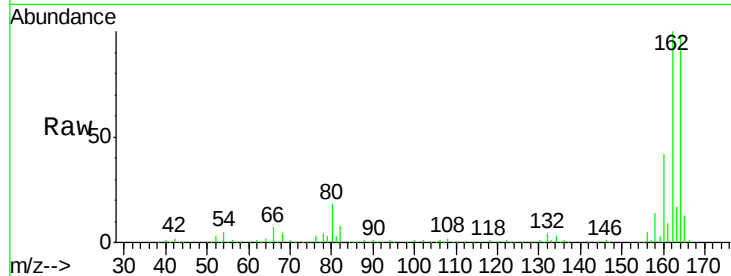




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

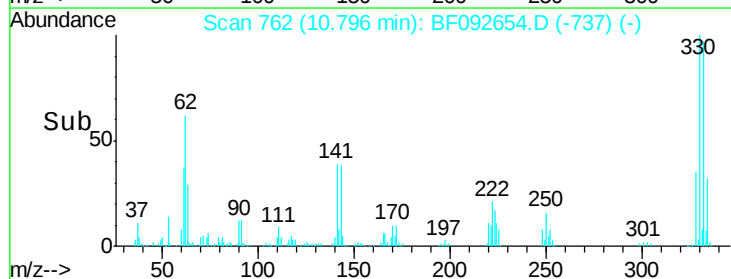
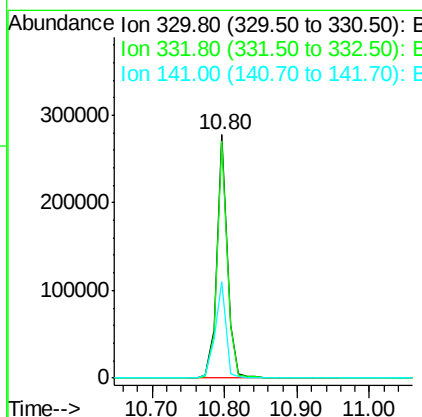
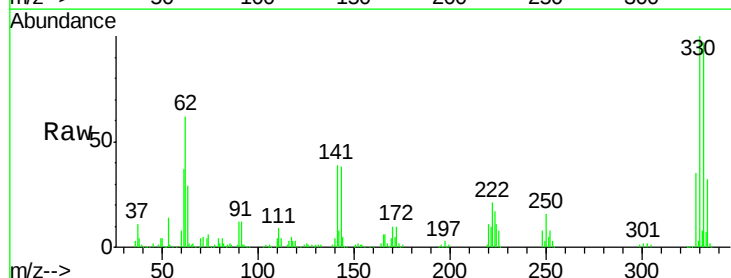
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-AA3-AA4

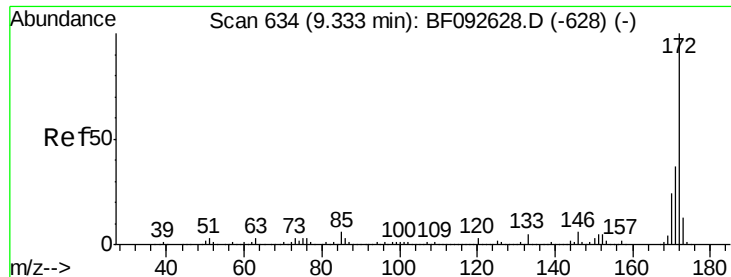
Tgt Ion:164 Resp: 383087
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 43.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 100.94 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Tgt Ion:330 Resp: 279670
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 40.6 34.1 51.1

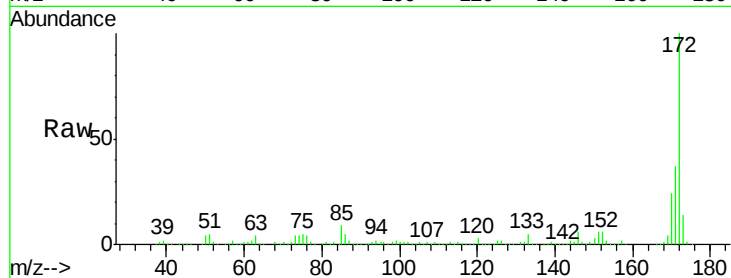




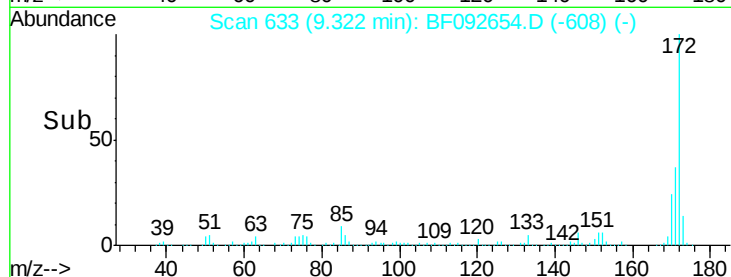
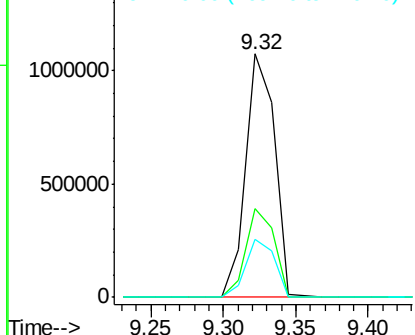
#44
2-Fluorobiphenyl
Concen: 70.59 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092654.D
Acq: 31 Jan 2017 00:44

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion:172 Resp: 1492697
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.0 20.2 30.4

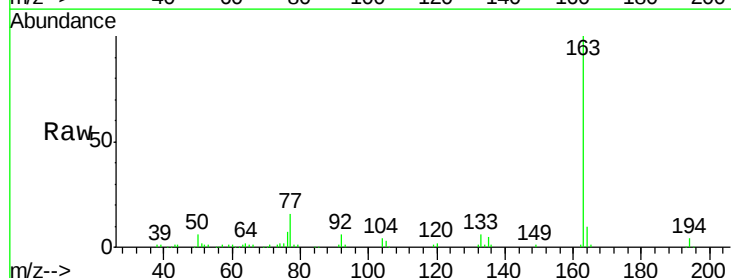


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

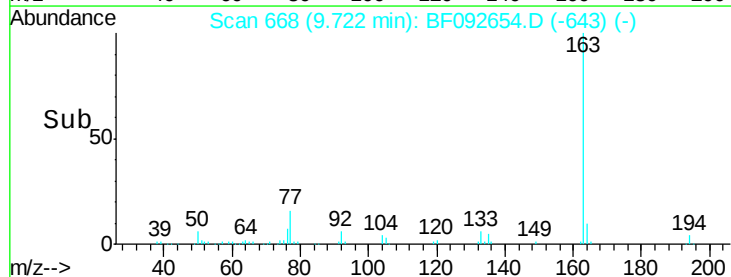
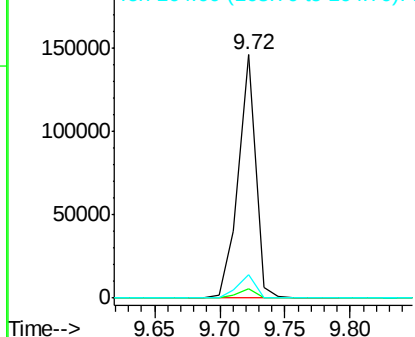


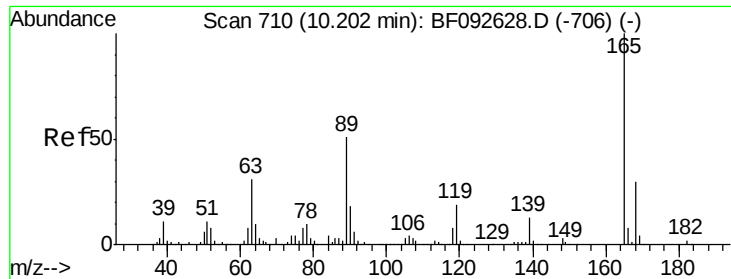
#49
Dimethylphthalate
Concen: 5.19 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092654.D
Acq: 31 Jan 2017 00:44

Tgt Ion:163 Resp: 133943
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 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

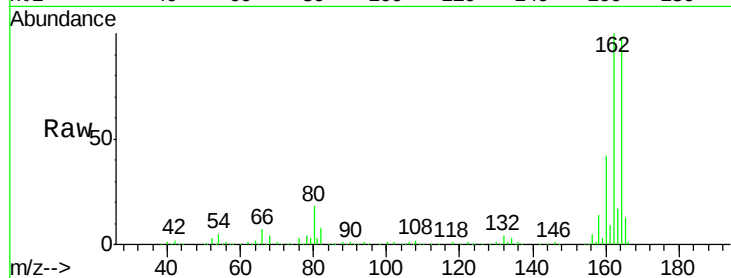




#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092654.D
Acq: 31 Jan 2017 00:44

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

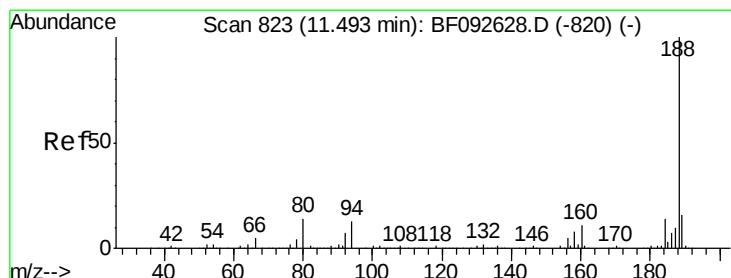
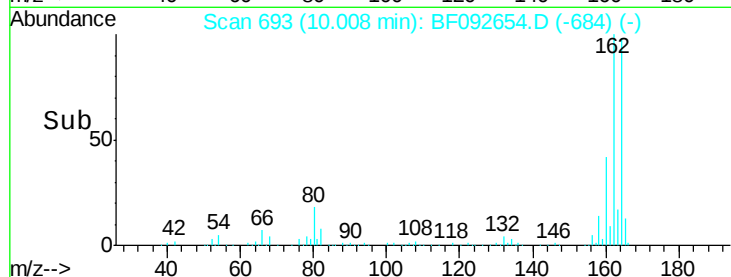
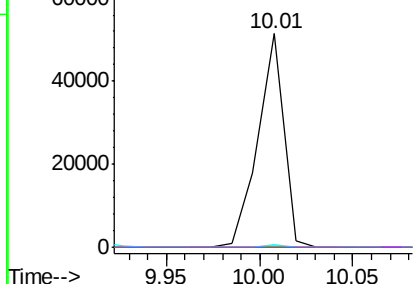


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

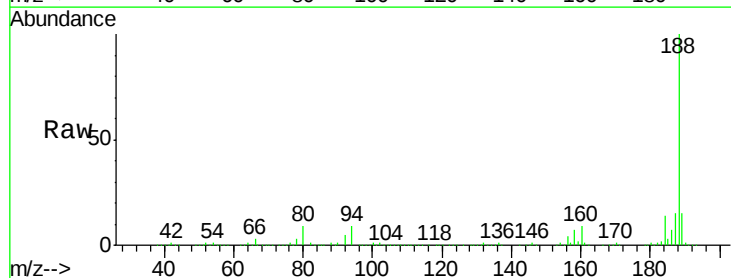
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092654.D
Acq: 31 Jan 2017 00:44

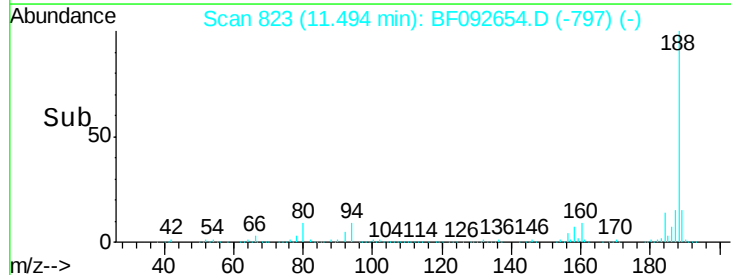
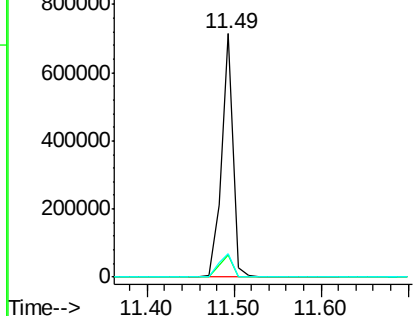
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.4	11.2	16.8#

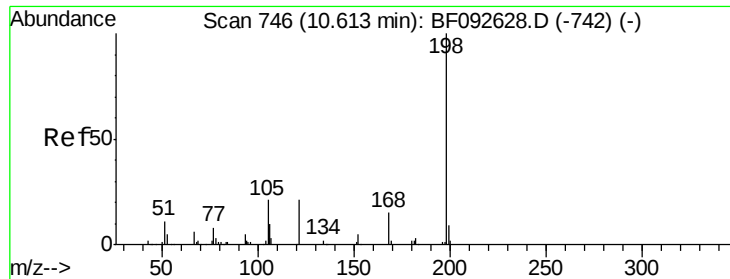


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

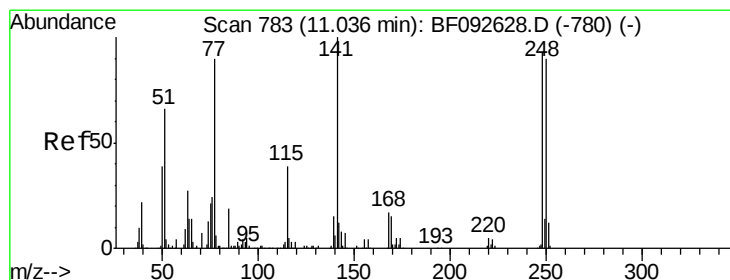
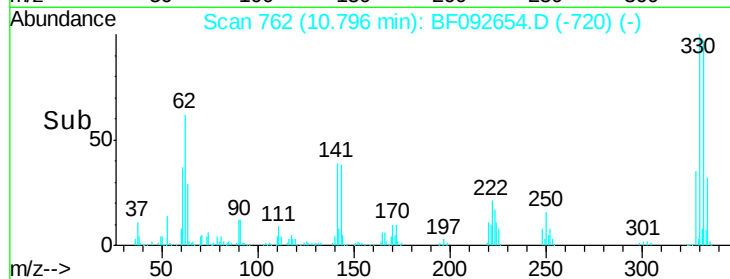
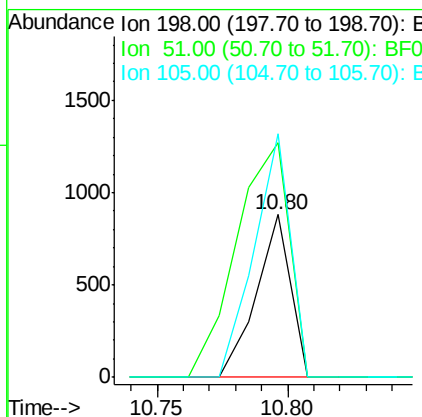
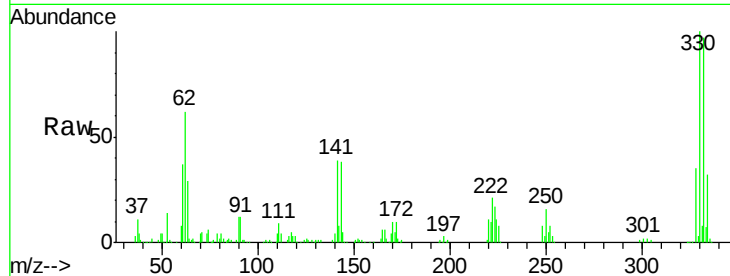




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.86 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.18 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

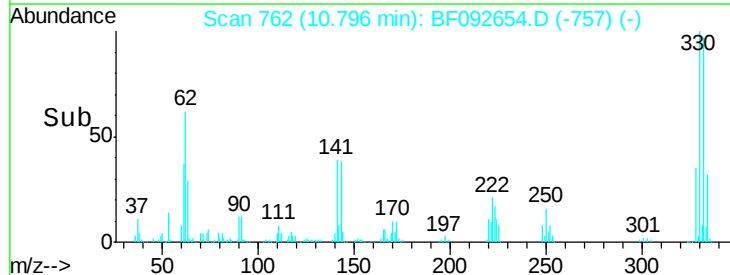
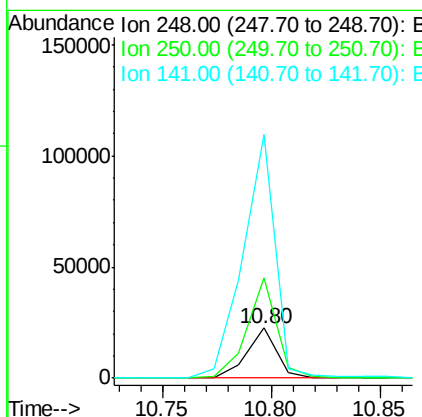
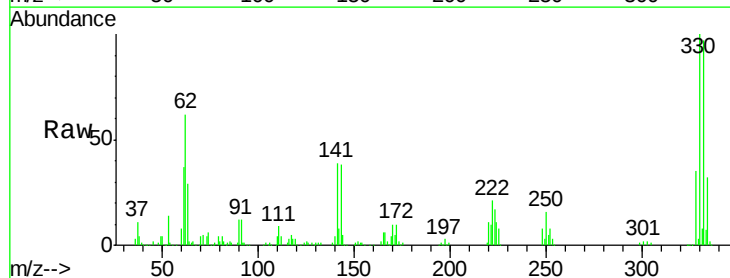
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA2-AA3-AA4

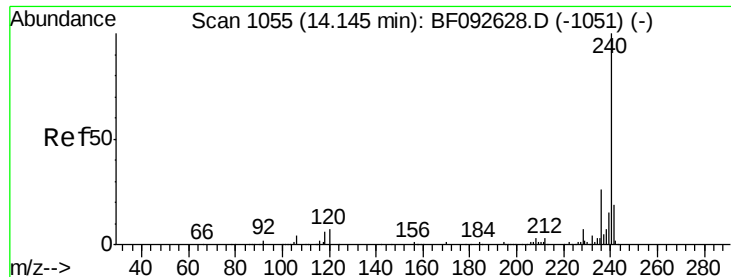
Tgt Ion:198 Resp: 809
 Ion Ratio Lower Upper
 198 100
 51 144.1 6.7 46.7#
 105 149.9 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF092654.D
 Acq: 31 Jan 2017 00:44

Tgt Ion:248 Resp: 21445
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 485.4 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA2-AA3-AA4

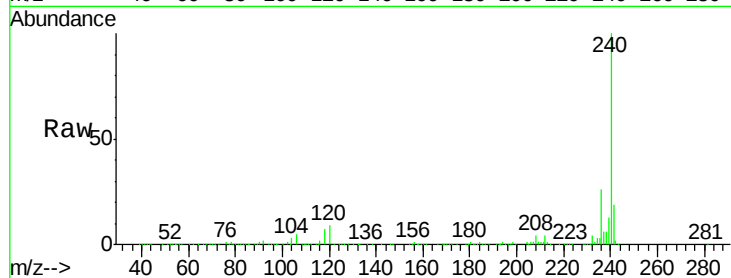
Tgt Ion:240 Resp: 502730

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

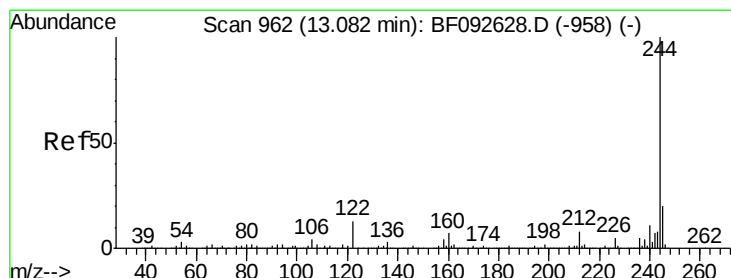
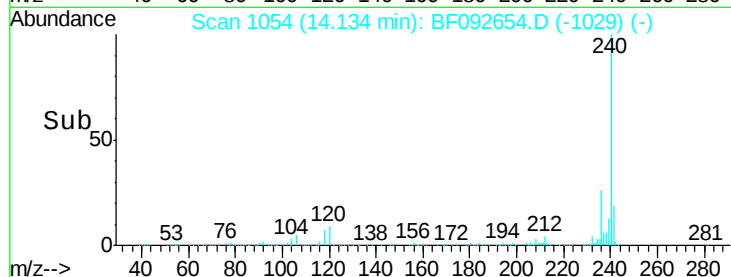
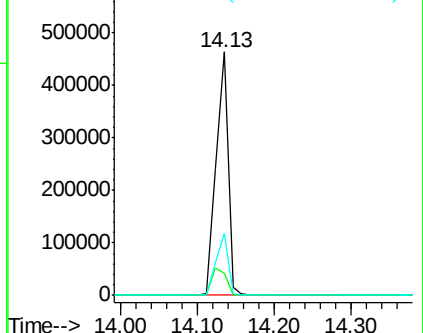
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 63.66 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092654.D

Acq: 31 Jan 2017 00:44

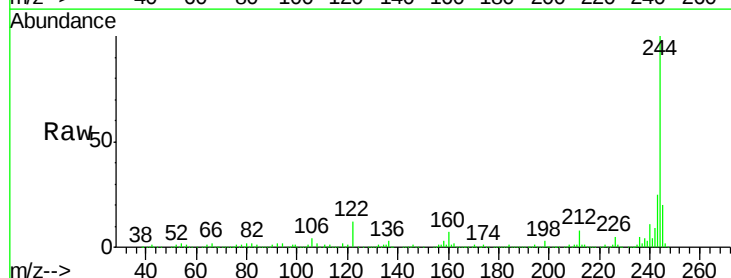
Tgt Ion:244 Resp: 1362045

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

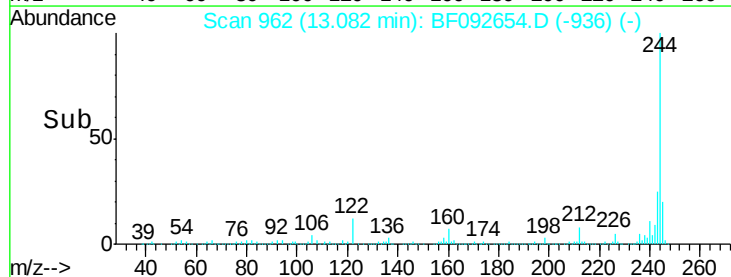
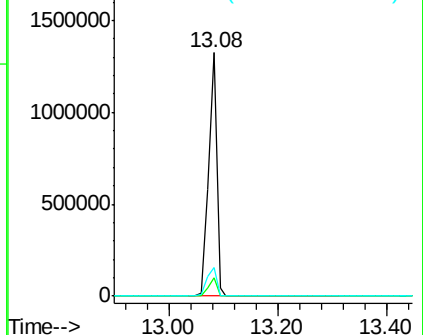
122 11.9 11.4 17.2

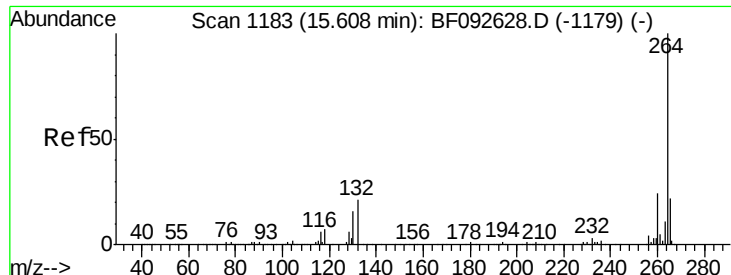


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

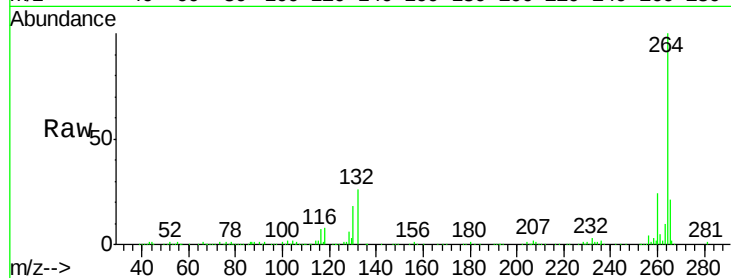




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092654.D
Acq: 31 Jan 2017 00:44

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA2-AA3-AA4

Tgt Ion: 264 Resp: 350983
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.4 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

