

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092651.D
 Acq On : 30 Jan 2017 23:22
 Operator : SJ/MA
 Sample : I1553-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Quant Time: Jan 31 01:06:31 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

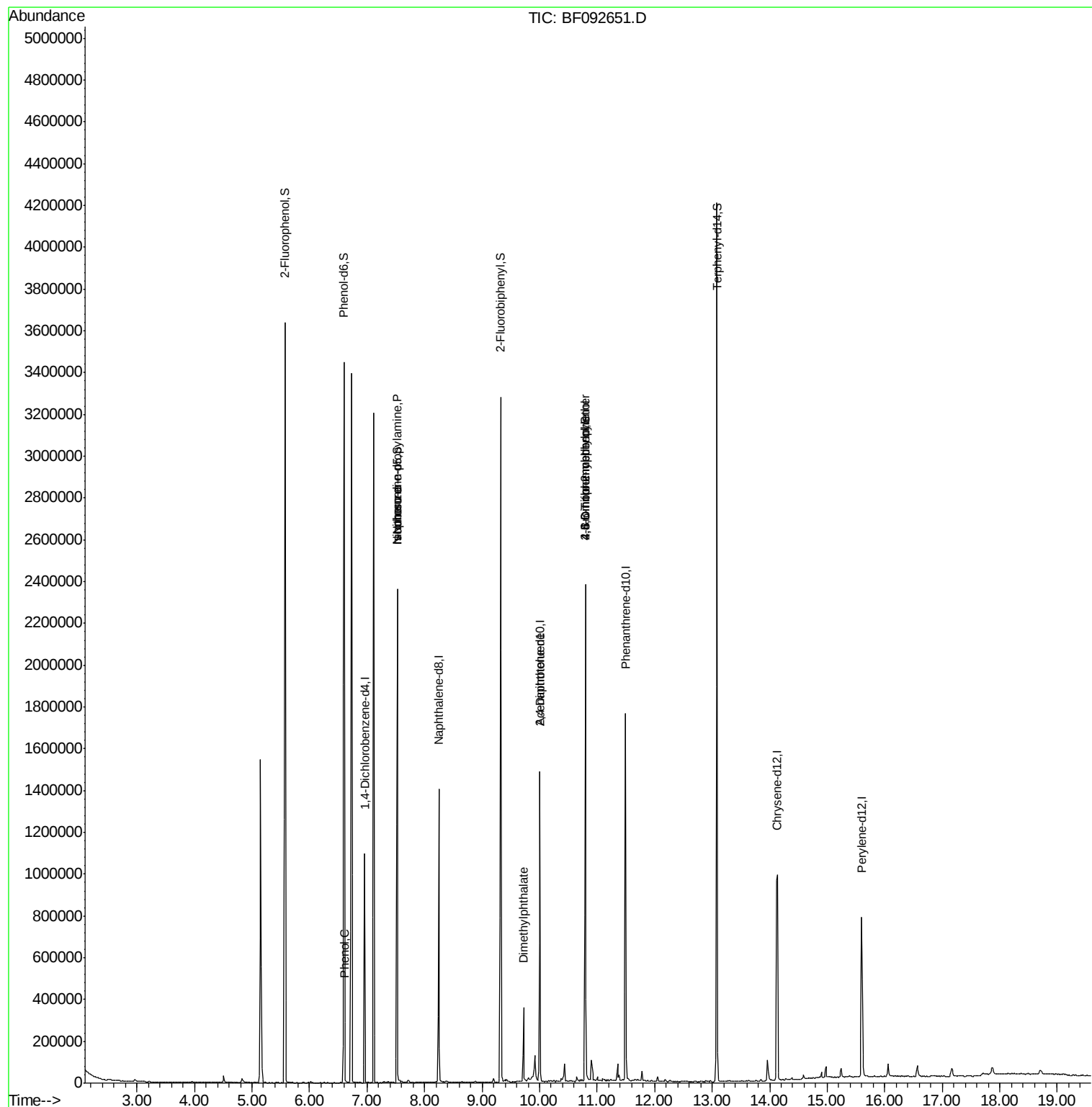
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152635	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	644225	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	371684	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	634570	20.00	ng	0.00
75) Chrysene-d12	14.13	240	511781	20.00	ng	-0.01
86) Perylene-d12	15.60	264	368615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1005316	113.00	ng	0.00
7) Phenol-d6	6.60	99	1339182	116.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	877008	75.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	284095	105.68	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1479403	72.11	ng	-0.01
78) Terphenyl-d14	13.08	244	1413968	64.92	ng	0.00
Target Compounds						
10) Phenol	6.61	94	62497	4.67	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	115416	15.84	ng	# 80
25) Isophorone	7.53	82	848373	39.35	ng	# 65
49) Dimethylphthalate	9.72	163	162694	6.50	ng	99
56) 2,4-Dinitrotoluene	10.01	165	48106	6.68	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	699	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20482	3.09	ng	# 1

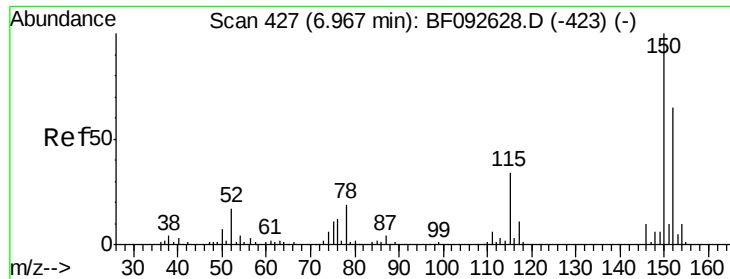
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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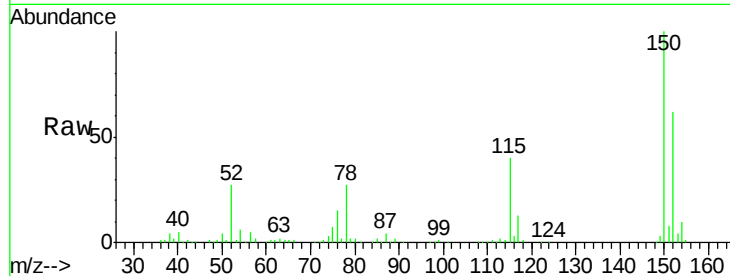




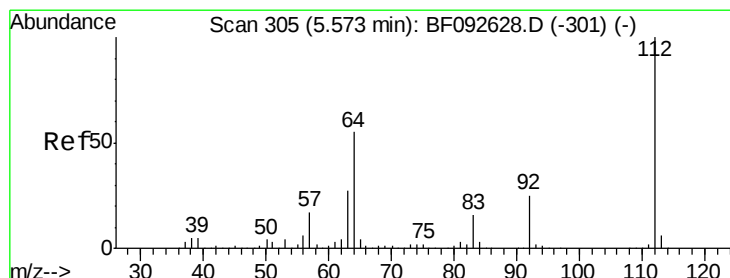
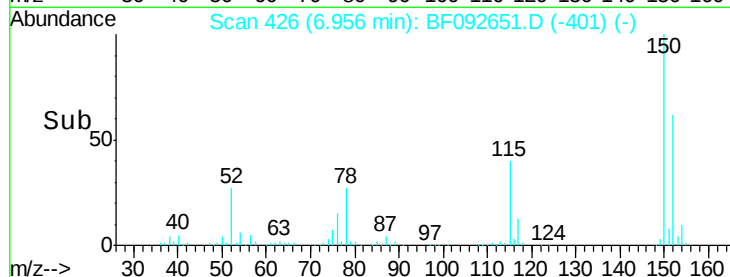
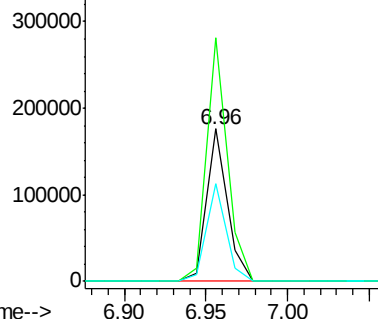
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Tgt Ion:152 Resp: 152635
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.9 187.3
 115 64.2 46.0 69.0

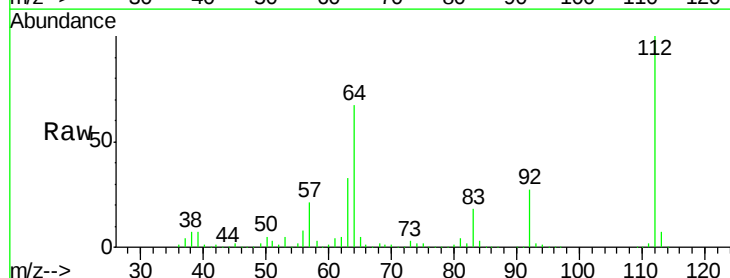


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

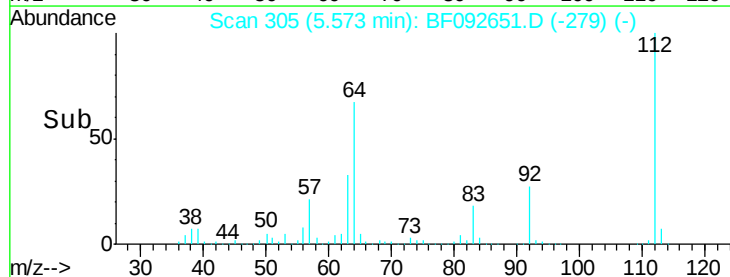
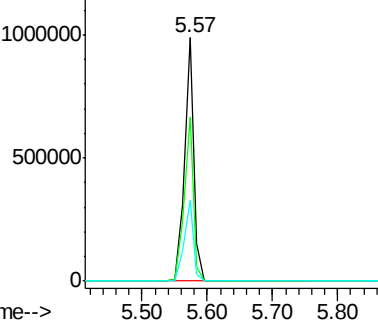


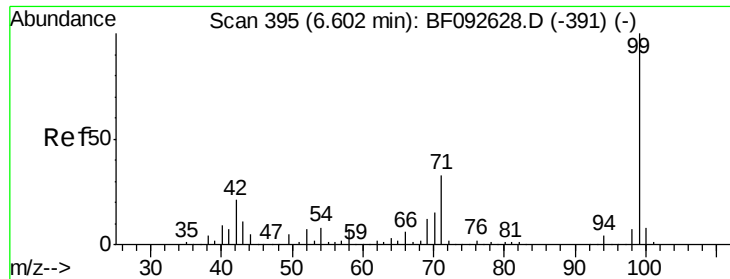
#5
 2-Fluorophenol
 Concen: 113.00 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Tgt Ion:112 Resp: 1005316
 Ion Ratio Lower Upper
 112 100
 64 67.3 46.1 69.1
 63 33.4 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: 116.99 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

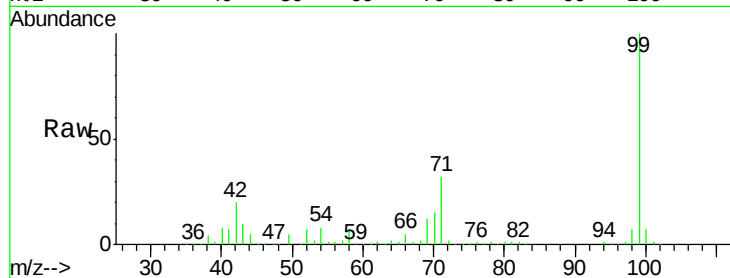
Tgt Ion: 99 Resp: 1339182

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

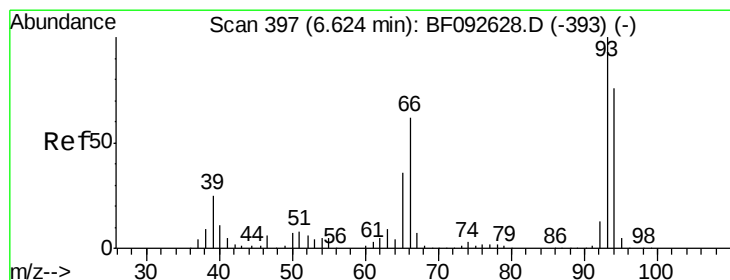
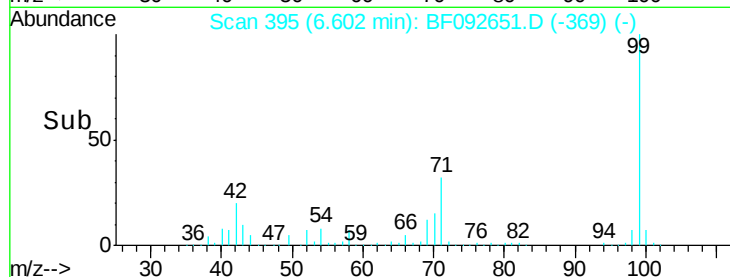
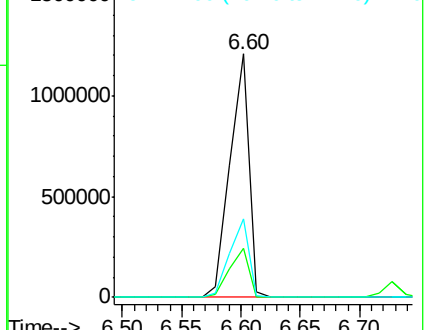
71 32.5 27.5 41.3



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: 4.67 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

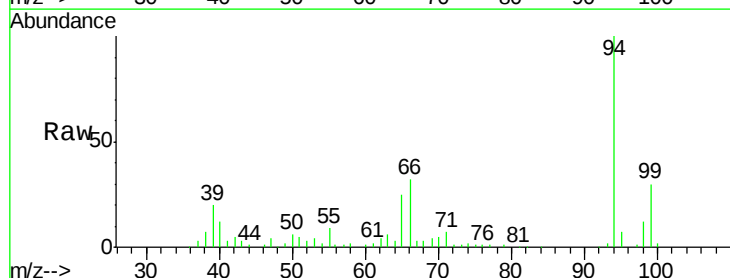
Tgt Ion: 94 Resp: 62497

Ion Ratio Lower Upper

94 100

65 25.0 21.4 61.4

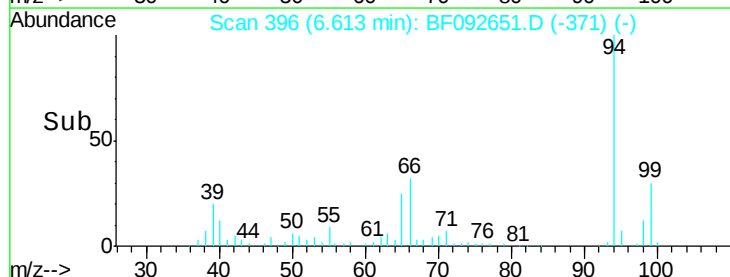
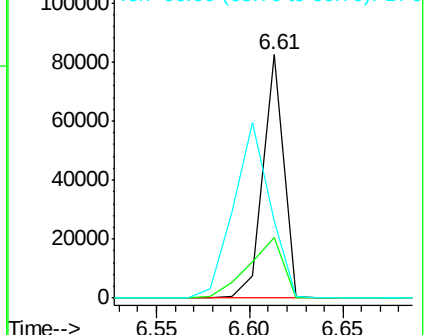
66 31.9 44.0 84.0#

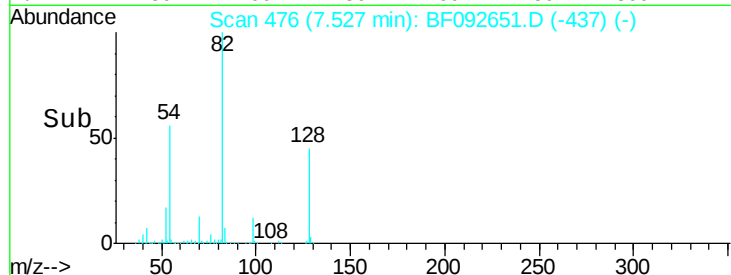
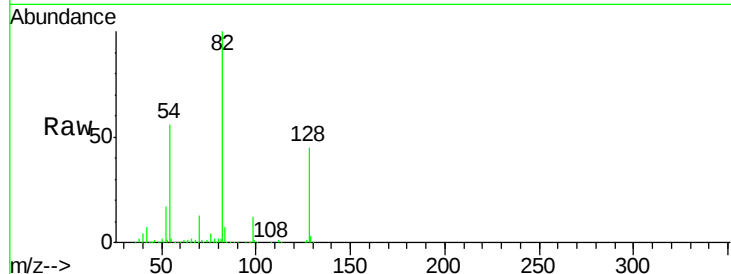
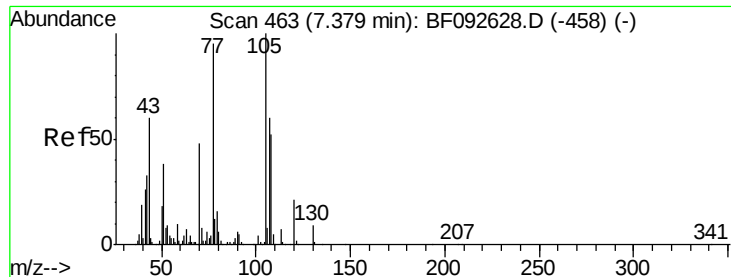


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

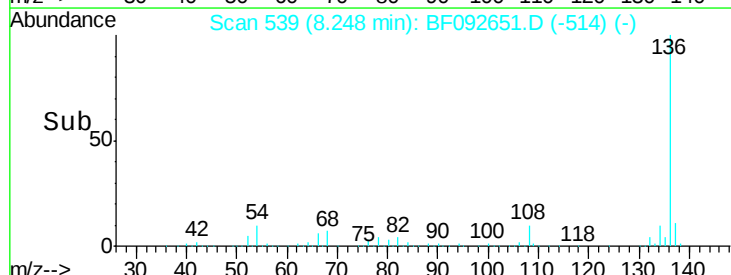
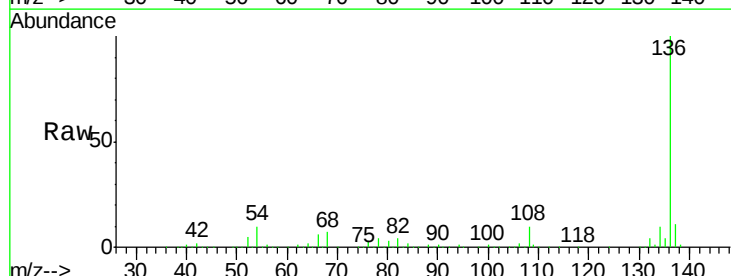
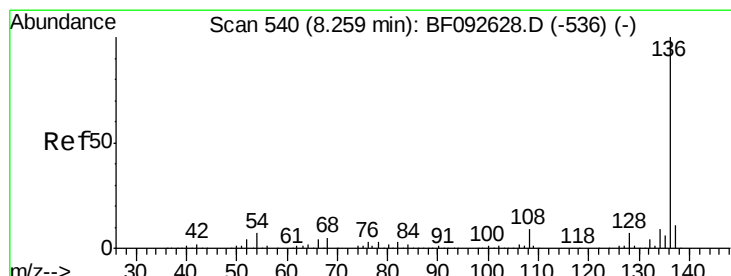
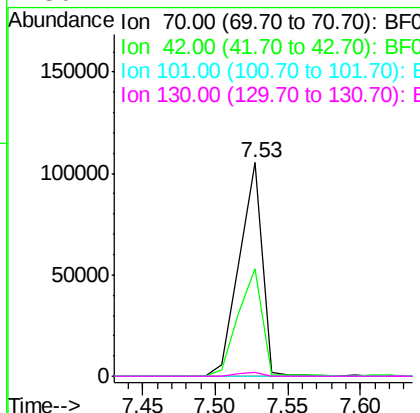




#19
n-Nitroso-di-n-propylamine
Concen: 15.84 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

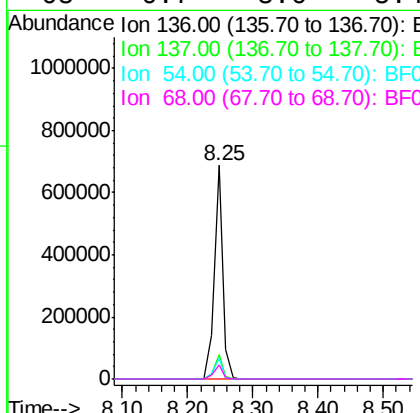
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4B

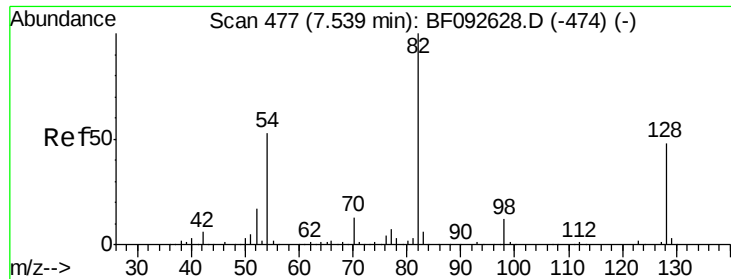
Tgt Ion: 70 Resp: 115416
Ion Ratio Lower Upper
70 100
42 50.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Tgt Ion: 136 Resp: 644225
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.7 4.5 6.7#
68 6.7 3.6 5.4#

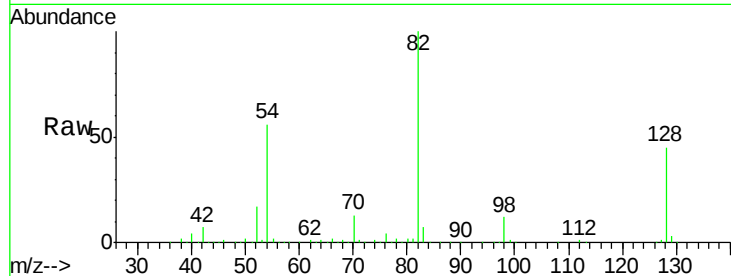




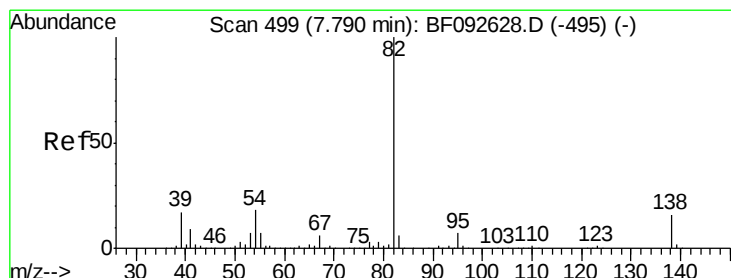
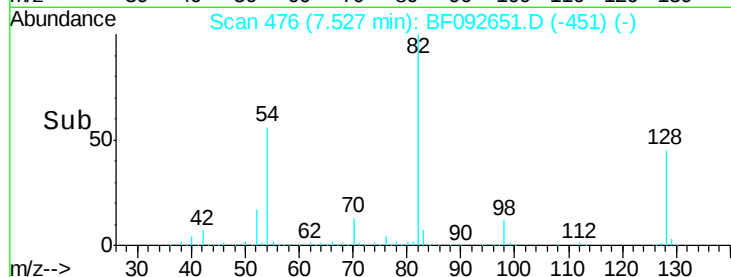
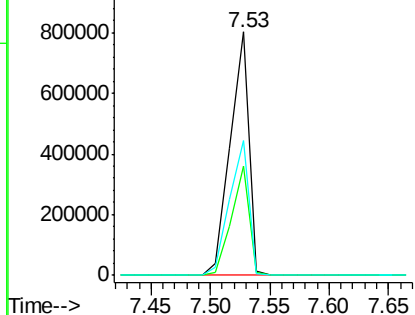
#23
 Nitrobenzene-d5
 Concen: 75.81 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Tgt Ion: 82 Resp: 877008
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 55.6 39.5 59.3

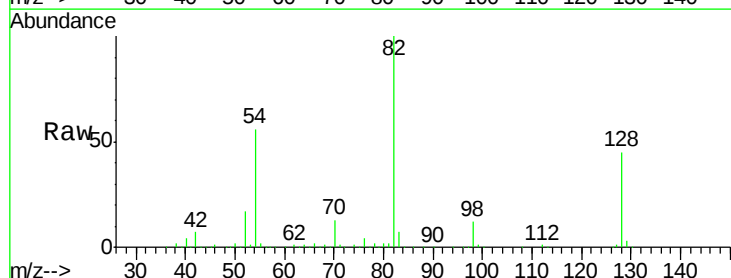


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

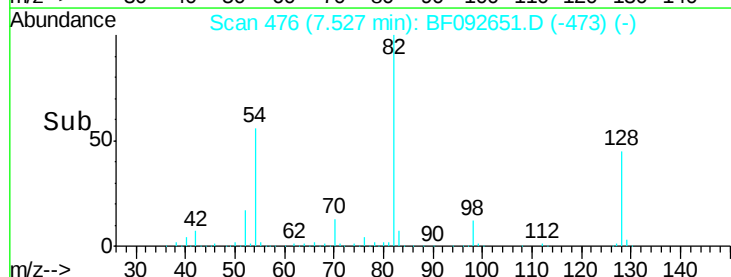
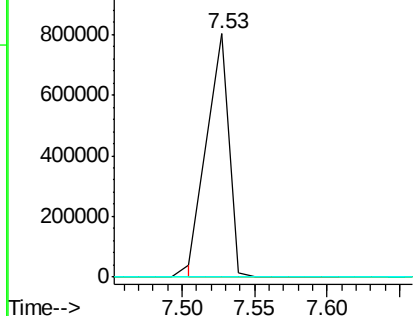


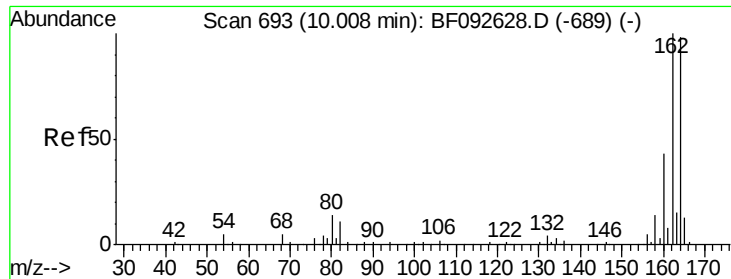
#25
 Isophorone
 Concen: 39.35 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Tgt Ion: 82 Resp: 848373
 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

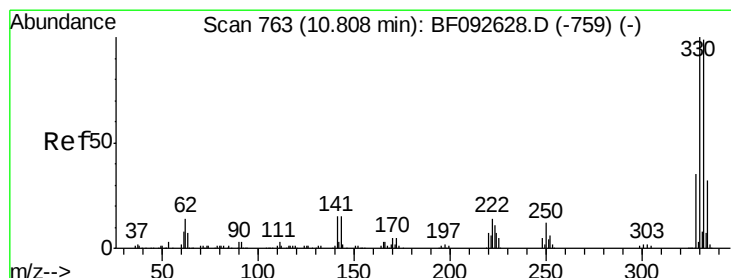
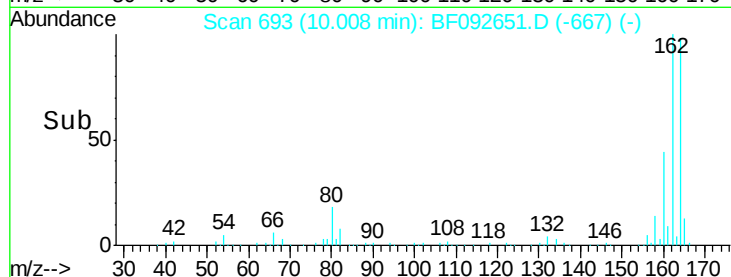
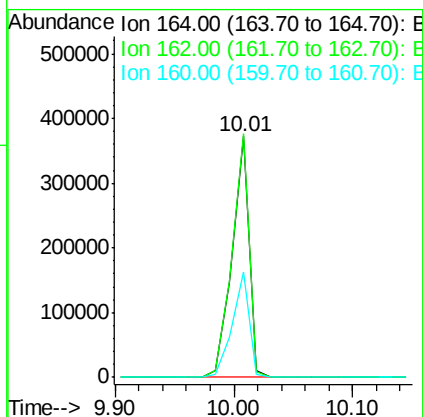
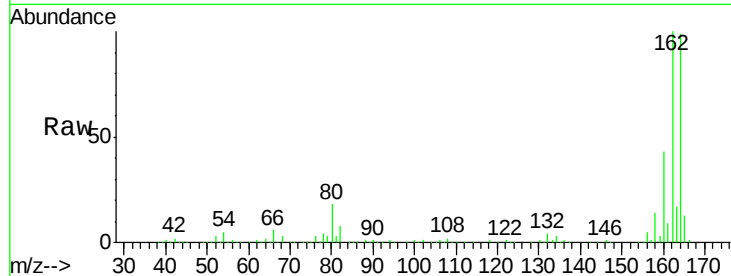




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

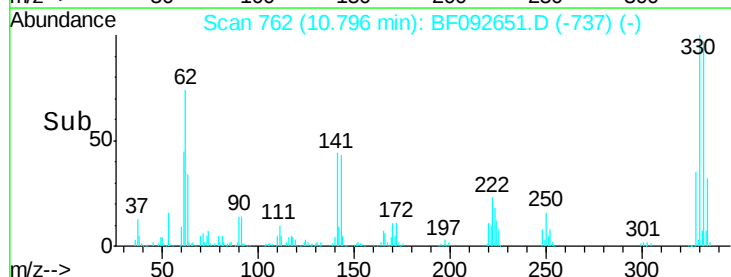
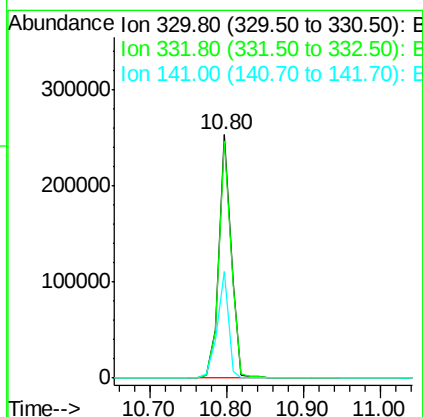
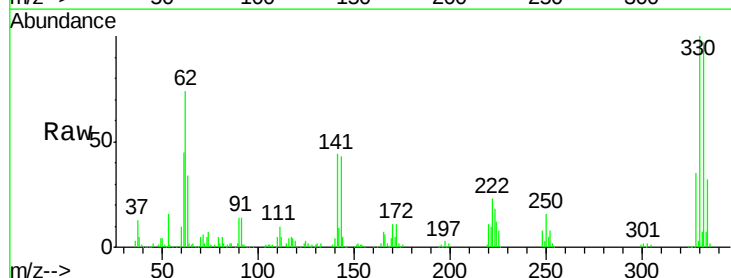
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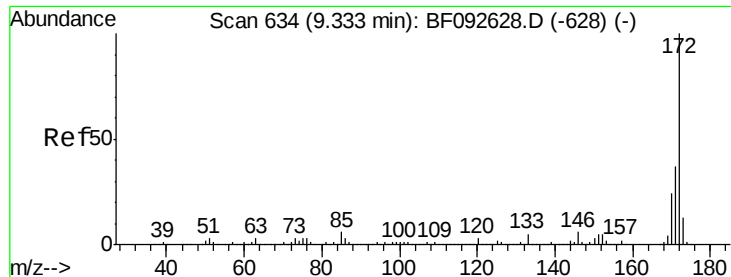
Tgt Ion:164 Resp: 371684
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 44.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 105.68 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Tgt Ion:330 Resp: 284095
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.7 34.1 51.1

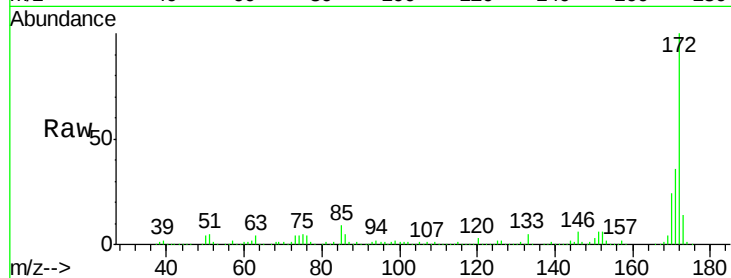




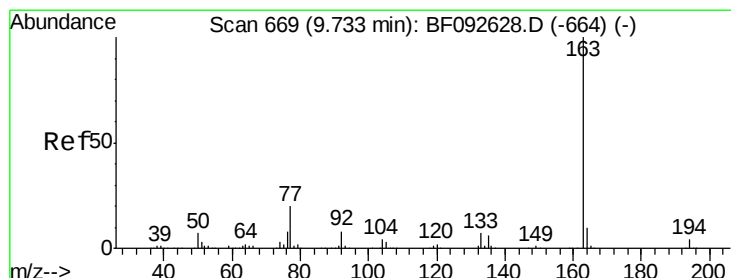
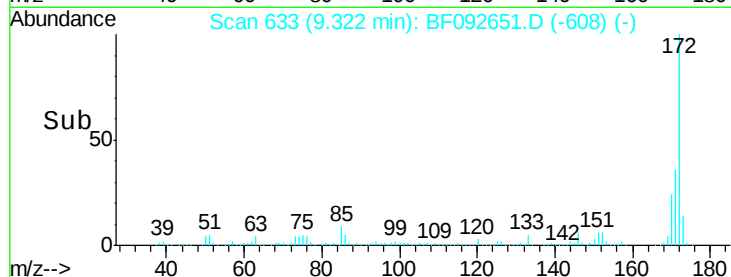
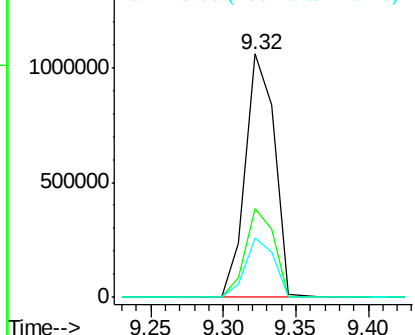
#44
 2-Fluorobiphenyl
 Concen: 72.11 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Tgt Ion:172 Resp: 1479403
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 20.2 30.4

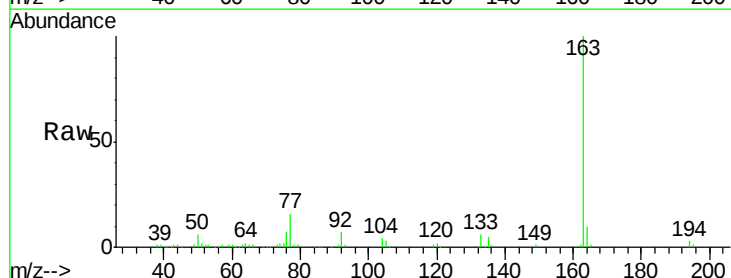


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

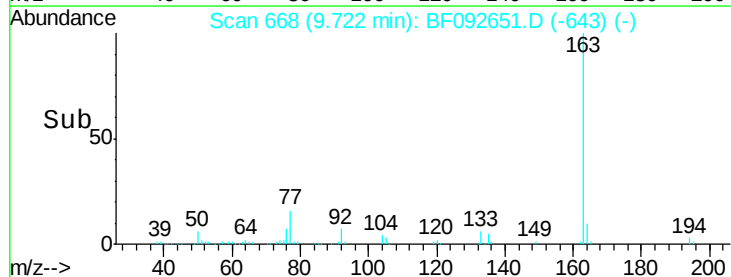
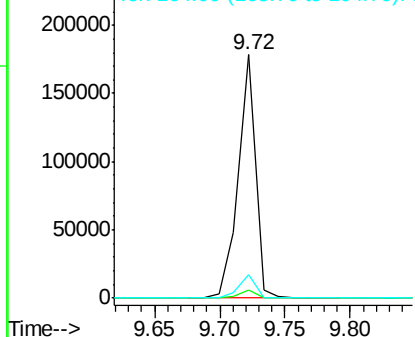


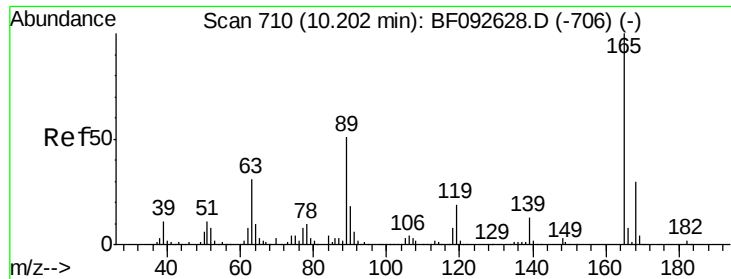
#49
 Dimethylphthalate
 Concen: 6.50 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Tgt Ion:163 Resp: 162694
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 9.8 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

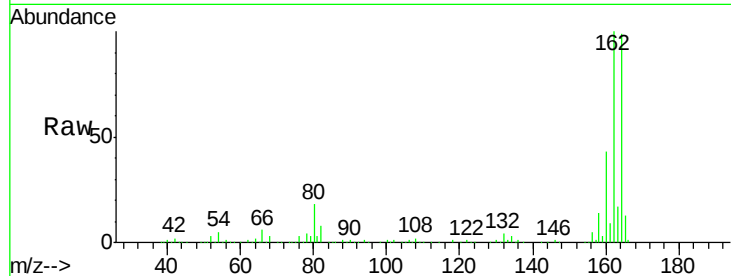




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

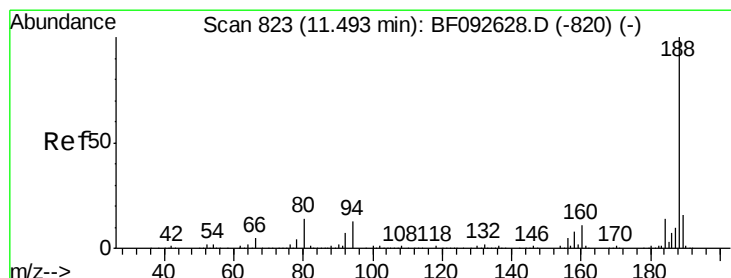
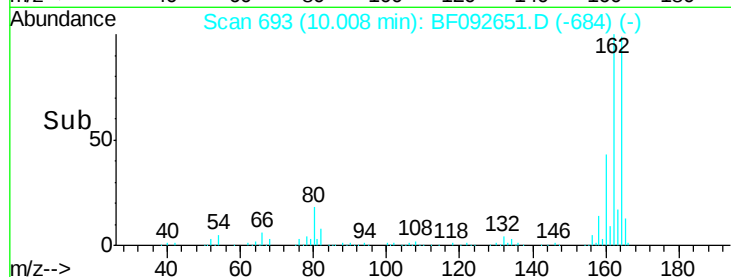
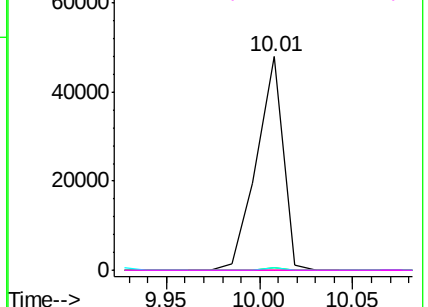


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

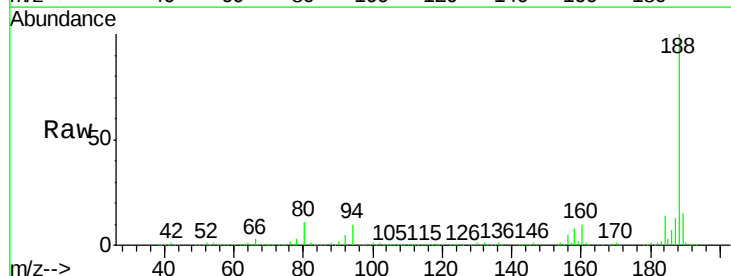
Ion 89.00 (88.70 to 89.70): BF0

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: BF092651.D
 Acq: 30 Jan 2017 23:22

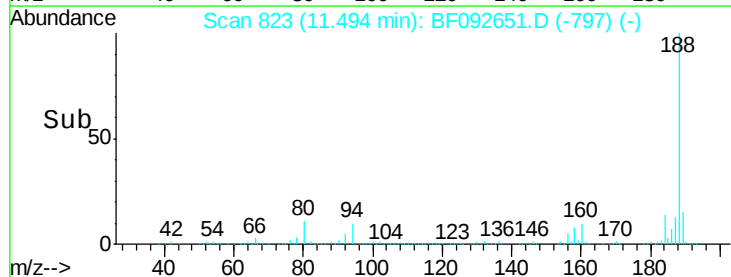
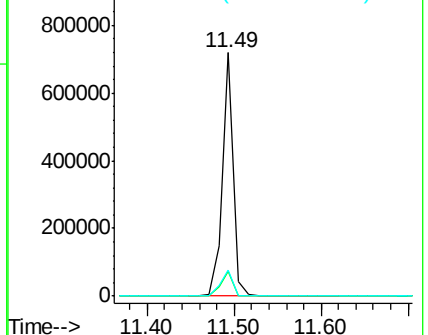
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.0	15.0
80	10.9	11.2	16.8#

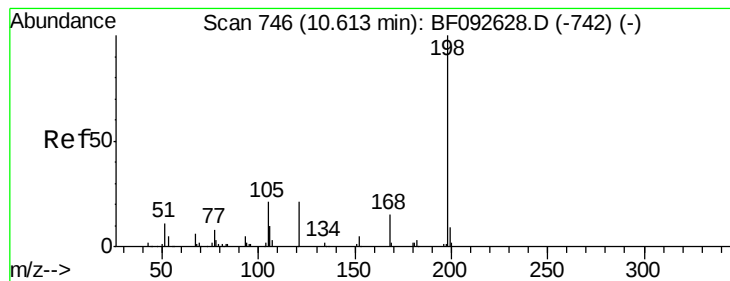


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.84 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

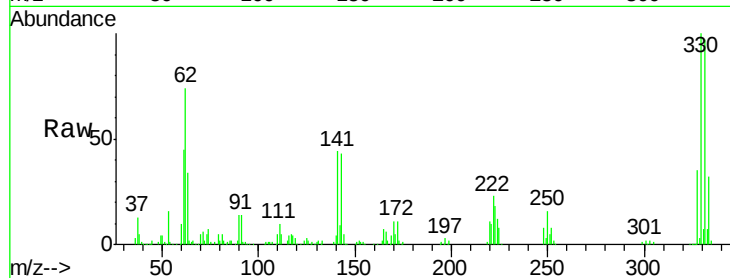
Tgt Ion:198 Resp: 699

Ion Ratio Lower Upper

198 100

51 232.8 6.7 46.7#

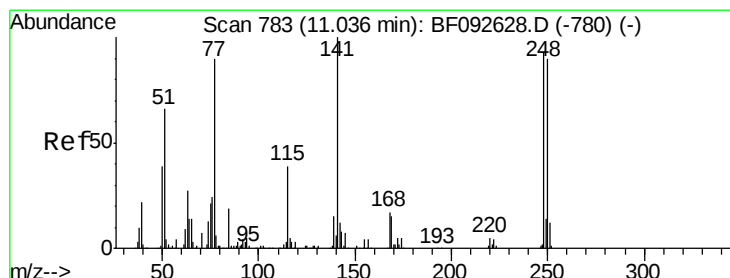
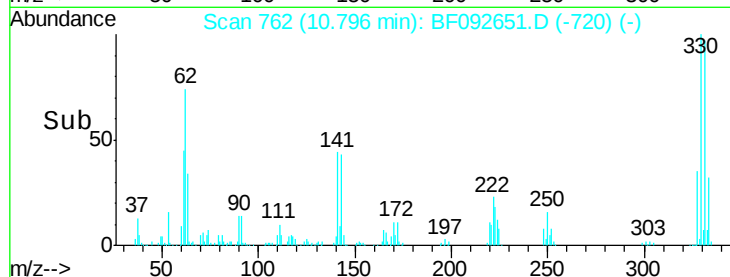
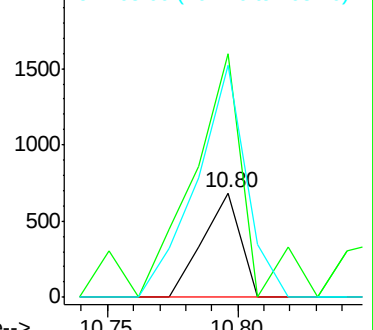
105 221.4 16.6 56.6#



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: 3.09 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

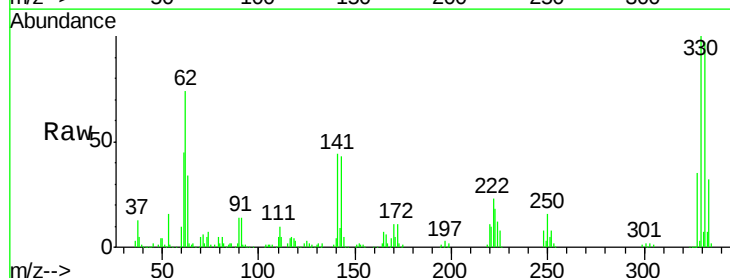
Tgt Ion:248 Resp: 20482

Ion Ratio Lower Upper

248 100

250 193.9 76.9 115.3#

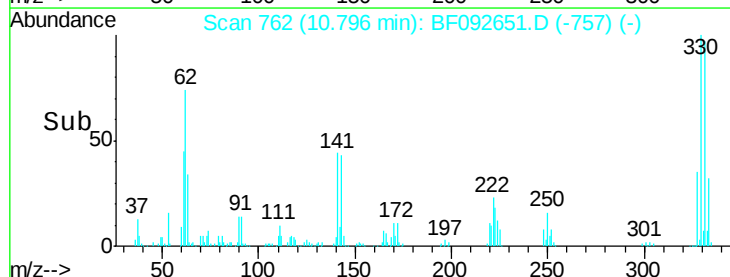
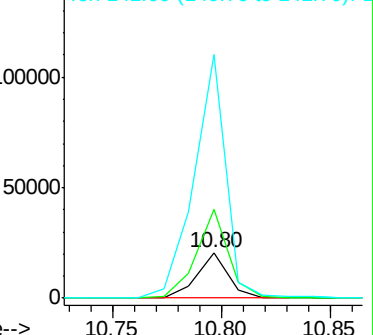
141 531.7 68.2 102.4#

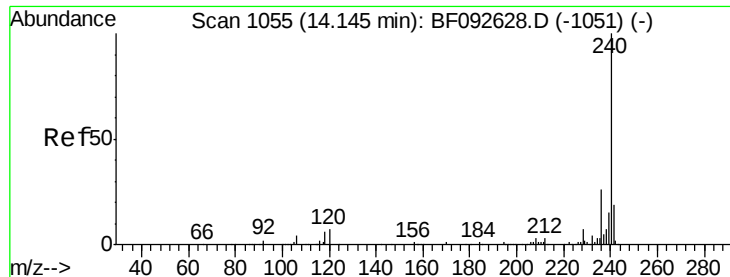


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

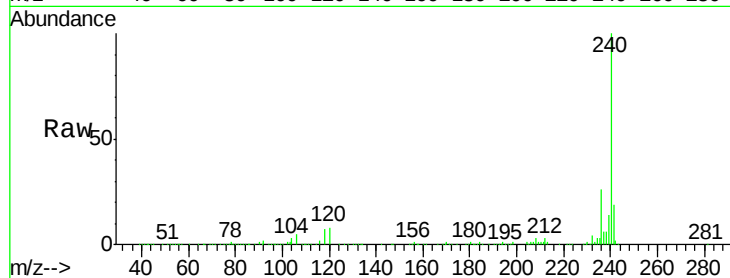
Tgt Ion:240 Resp: 511781

Ion Ratio Lower Upper

240 100

120 7.8 12.9 19.3#

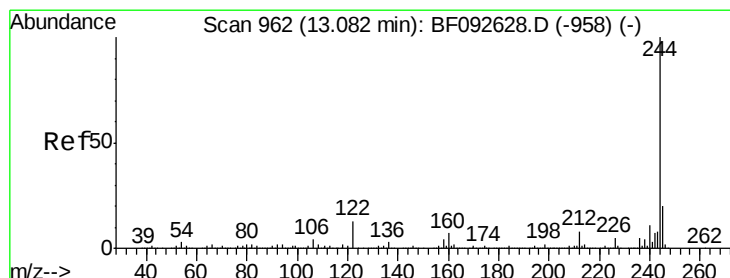
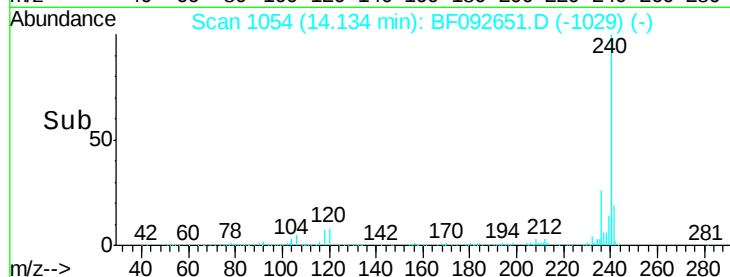
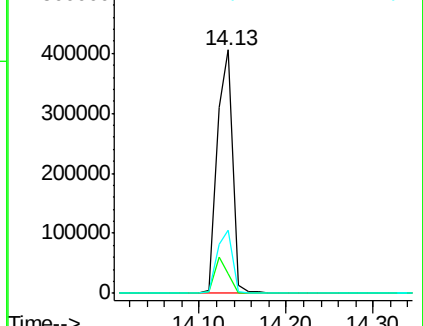
236 26.0 20.9 31.3



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: 64.92 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

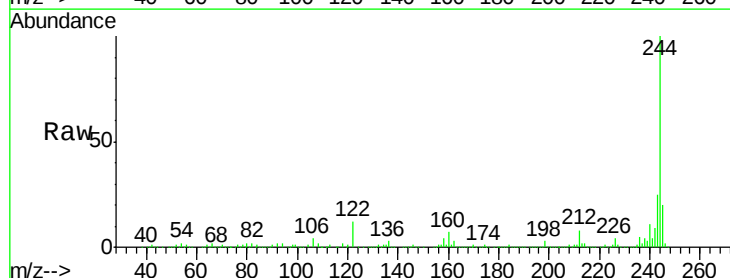
Tgt Ion:244 Resp: 1413968

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

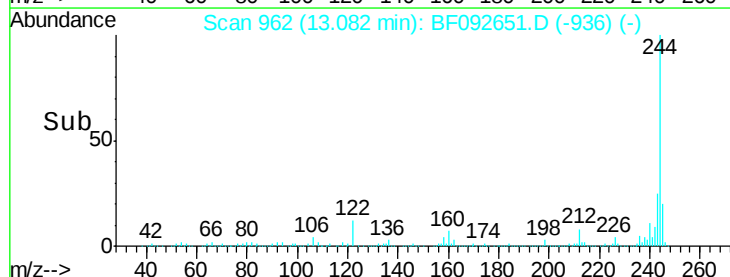
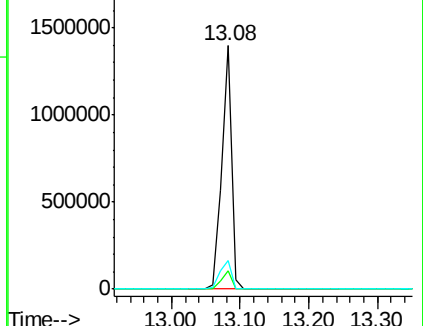
122 11.5 11.4 17.2

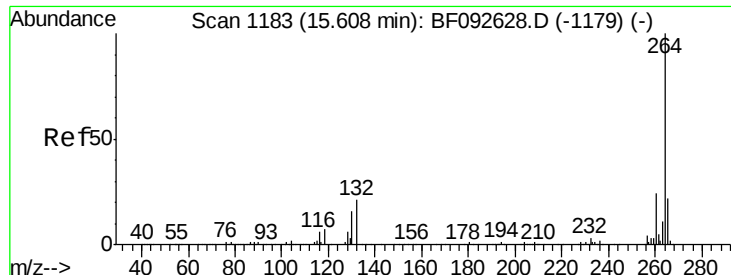


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

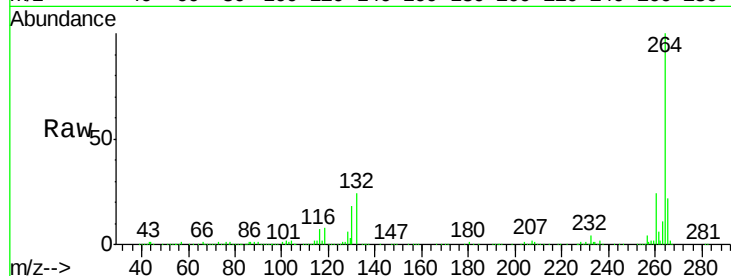




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4B

Tgt Ion: 264 Resp: 368615
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 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

