

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091338.D
 Acq On : 29 Nov 2016 20:28
 Operator : UM/SJ
 Sample : PB94860BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BL

Quant Time: Nov 30 00:42:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

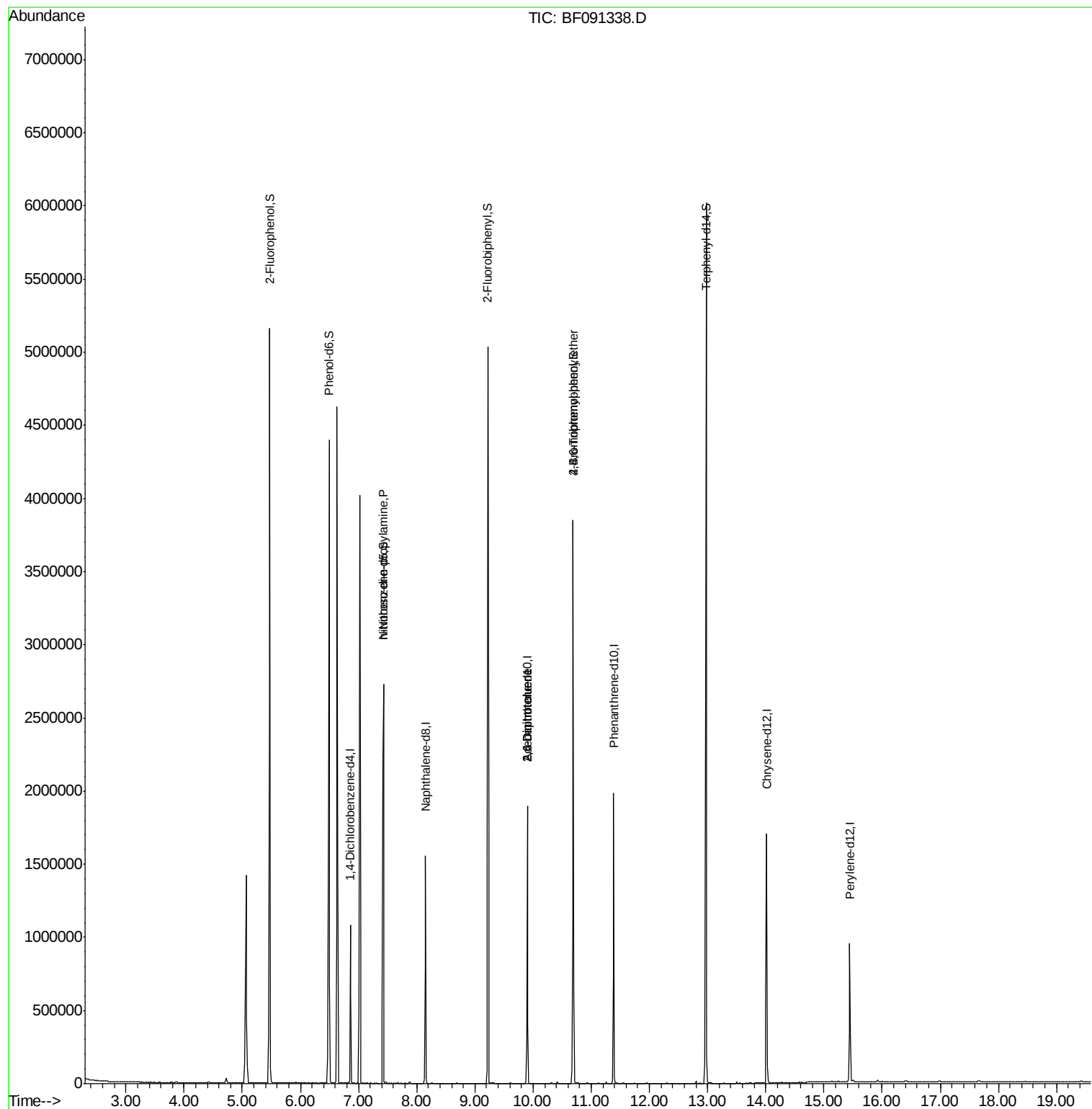
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	186186	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	799463	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	428394	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	788126	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	605826	20.00	ng	-0.03
86) Perylene-d12	15.44	264	450487	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1373505	120.51	ng	0.00
7) Phenol-d6	6.49	99	1584649	112.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	1188092	83.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	466869	115.12	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1959705	82.83	ng	-0.02
78) Terphenyl-d14	12.97	244	2047968	73.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	160055	18.11	ng	# 68
50) 2,6-Dinitrotoluene	9.90	165	56452	9.74	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	56454	7.51	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	29835	3.52	ng	# 1

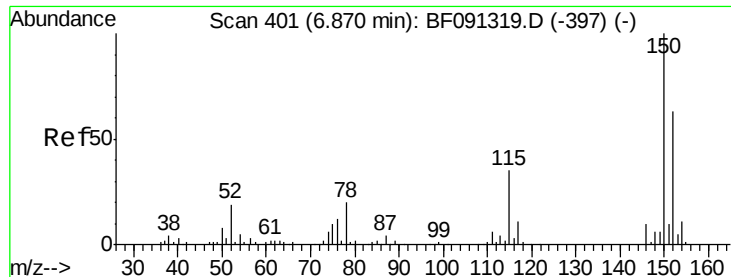
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB94860BL

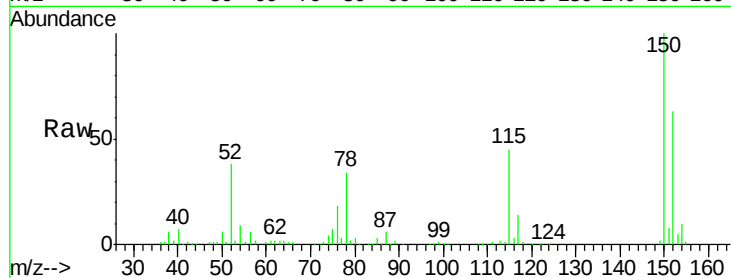
Tgt Ion:152 Resp: 186186

Ion Ratio Lower Upper

152 100

150 159.9 122.5 183.7

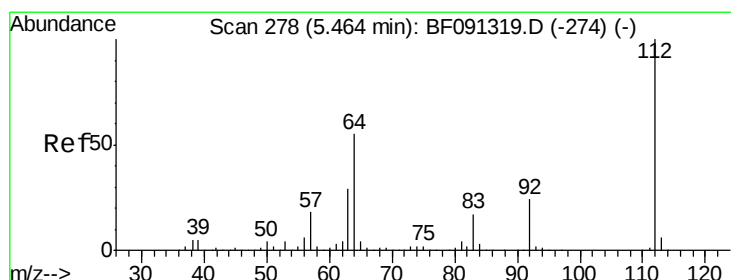
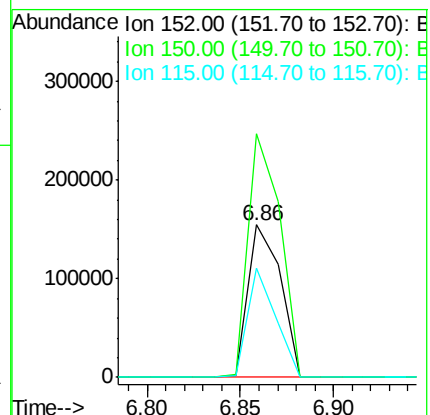
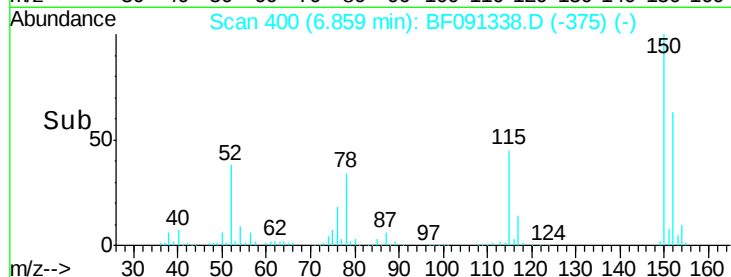
115 72.1 51.8 77.8



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: 120.51 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

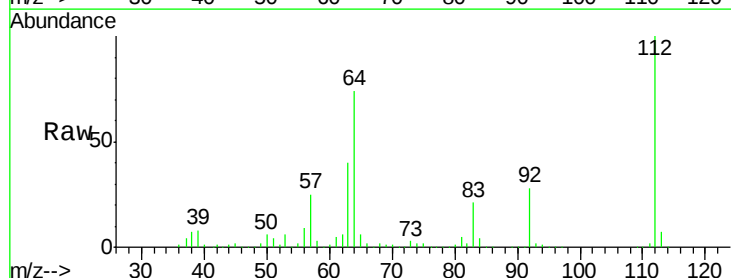
Tgt Ion:112 Resp: 1373505

Ion Ratio Lower Upper

112 100

64 74.1 61.5 92.3

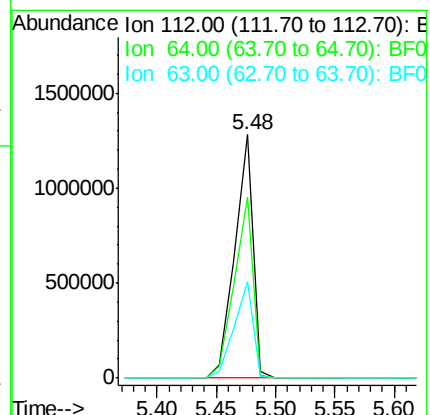
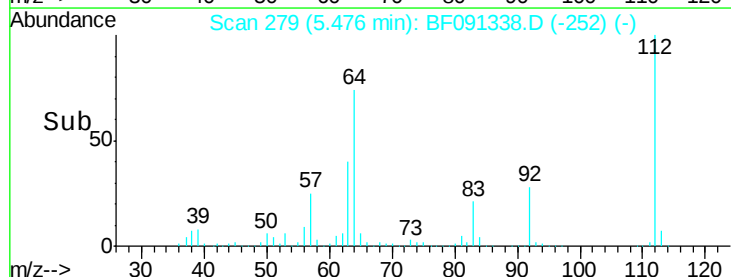
63 39.7 33.3 49.9

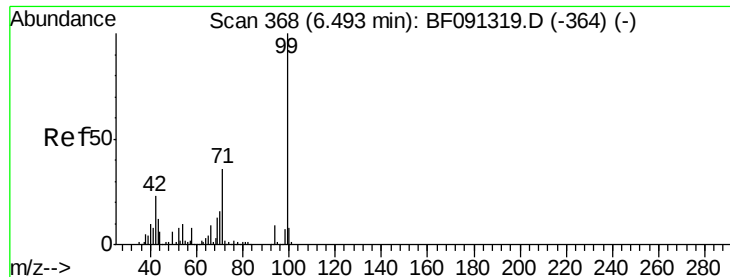


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.95 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB94860BL

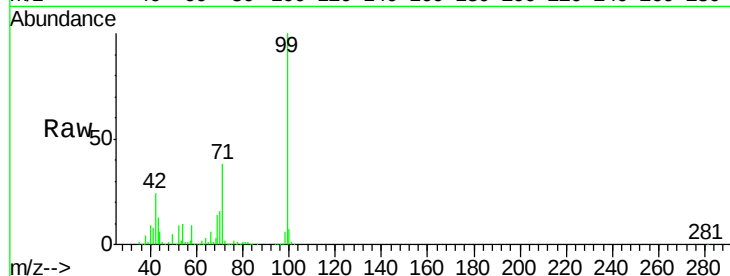
Tgt Ion: 99 Resp: 1584649

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

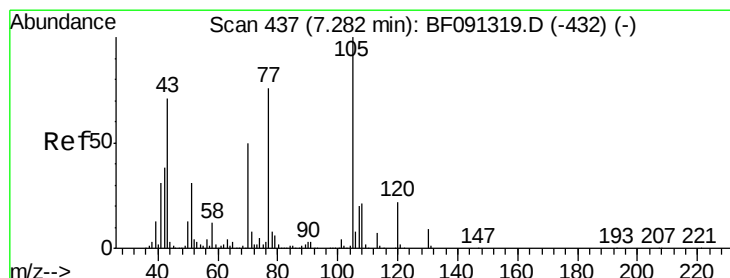
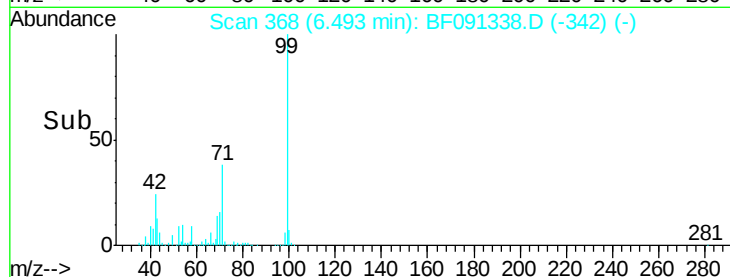
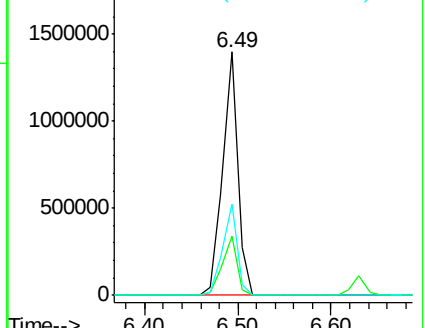
71 37.6 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.11 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

Tgt Ion: 70 Resp: 160055

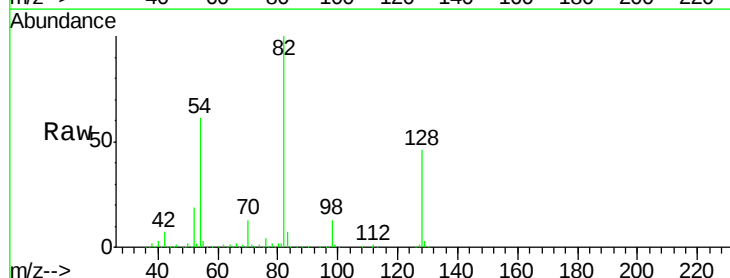
Ion Ratio Lower Upper

70 100

42 51.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

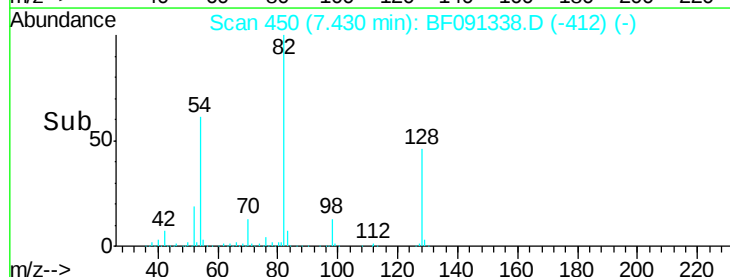
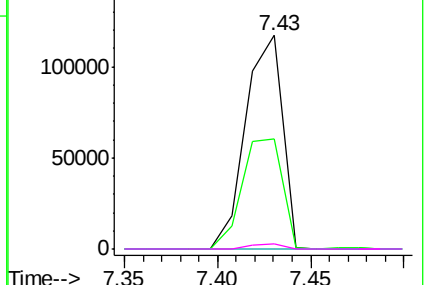


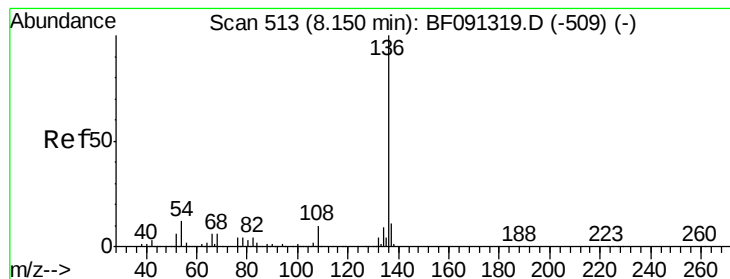
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

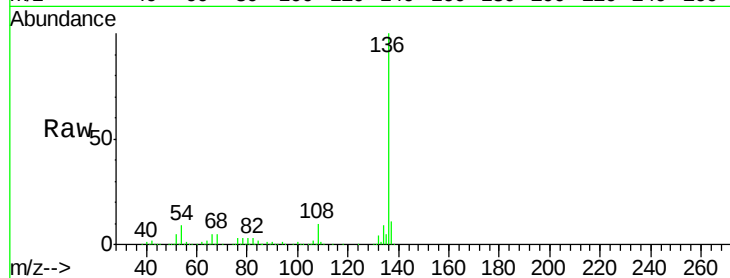
Instrument :

BNA_F

ClientSampleId :

PB94860BL

Tgt Ion:	136	Resp:	799463
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.1	9.1	13.7
68	4.6	5.9	8.9#

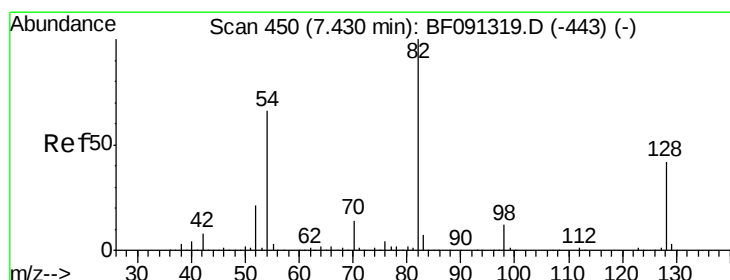
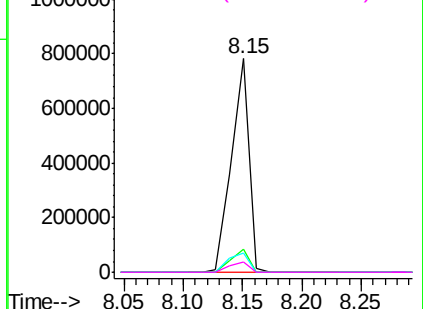
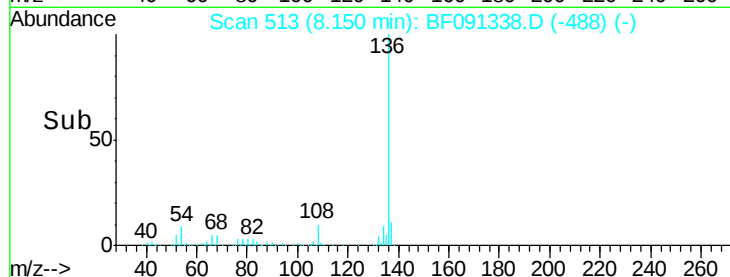


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.28 ng

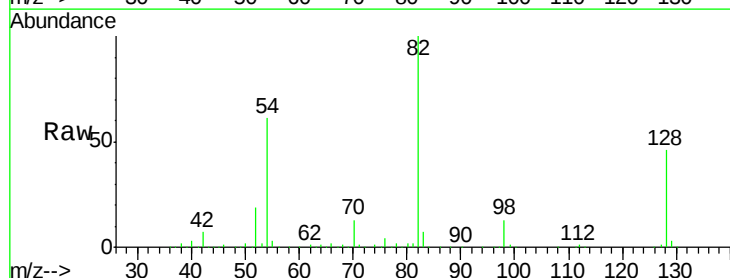
RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091338.D

Acq: 29 Nov 2016 20:28

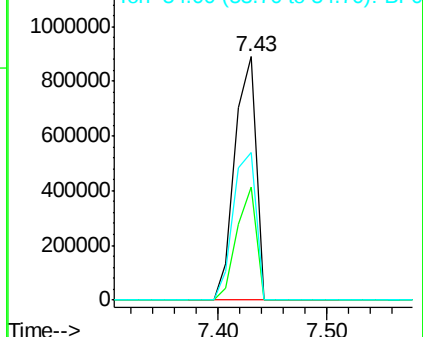
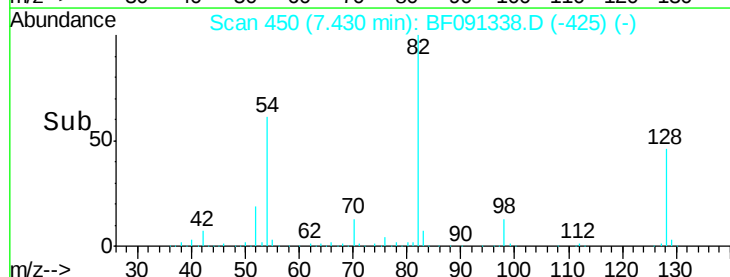
Tgt Ion:	82	Resp:	1188092
Ion	Ratio	Lower	Upper
82	100		
128	46.3	31.8	47.6
54	60.6	49.1	73.7

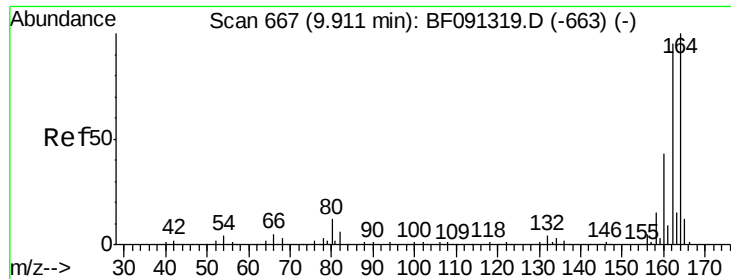


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

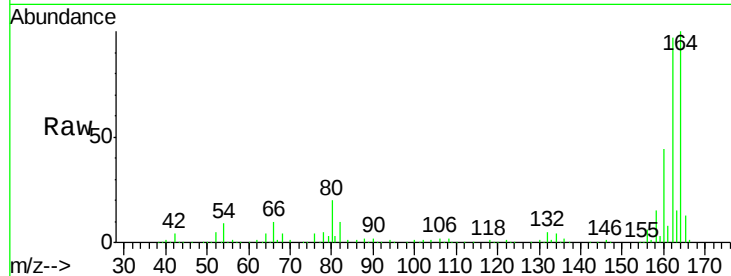




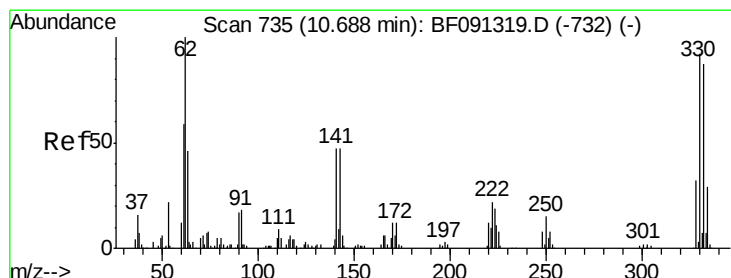
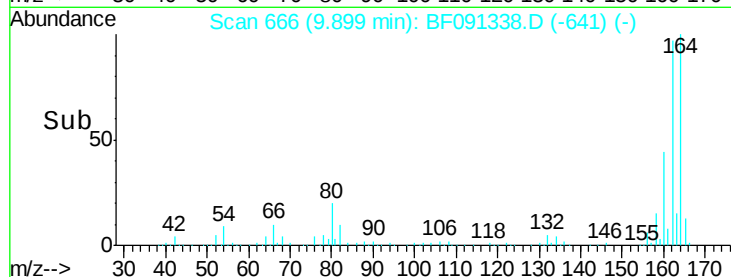
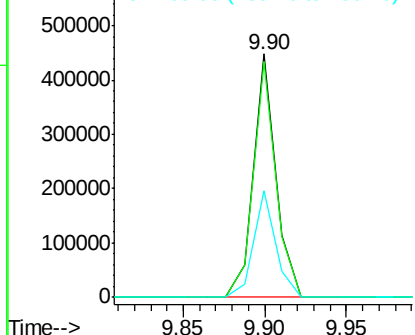
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB94860BL

Tgt Ion:164 Resp: 428394
Ion Ratio Lower Upper
164 100
162 96.9 82.6 124.0
160 43.6 36.7 55.1

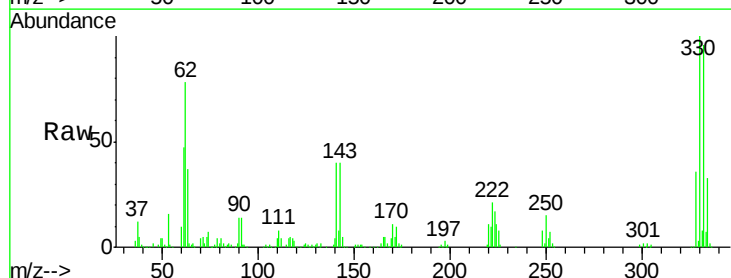


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

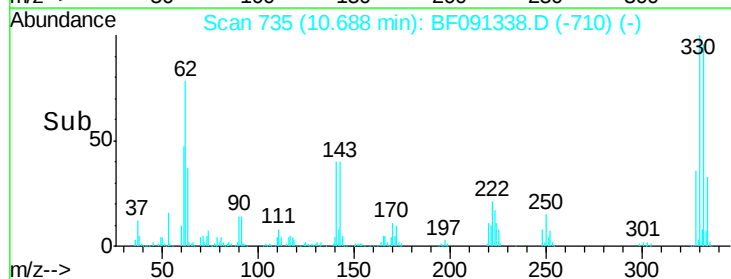
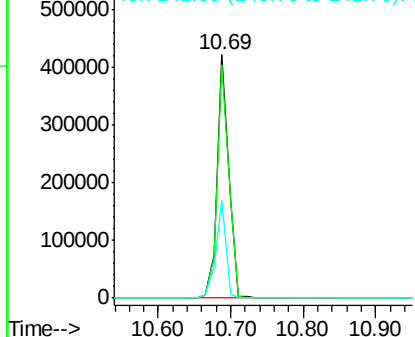


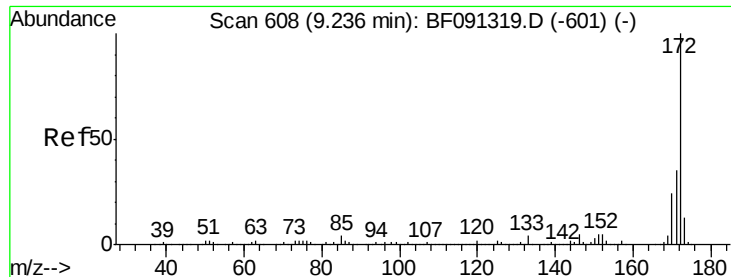
#41
2,4,6-Tribromophenol
Concen: 115.12 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

Tgt Ion:330 Resp: 466869
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 34.9 33.6 50.4



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

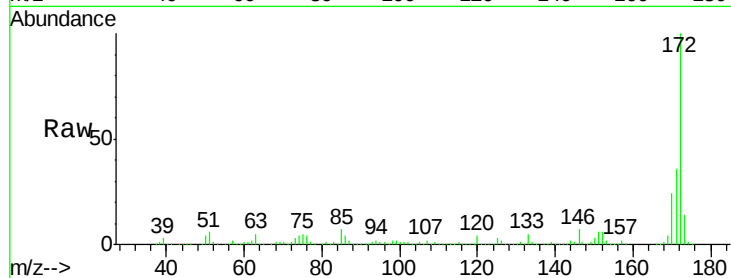




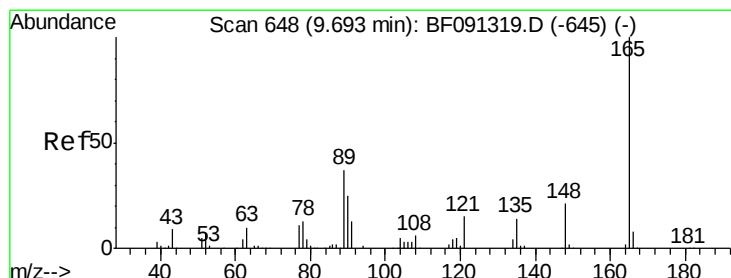
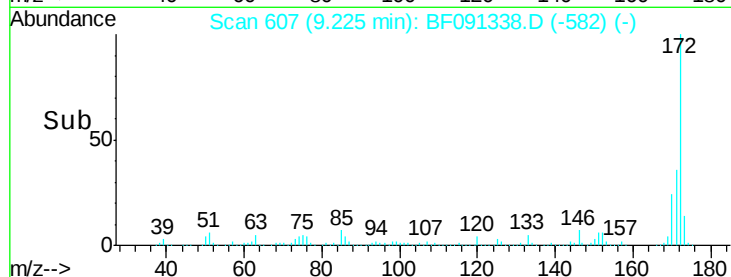
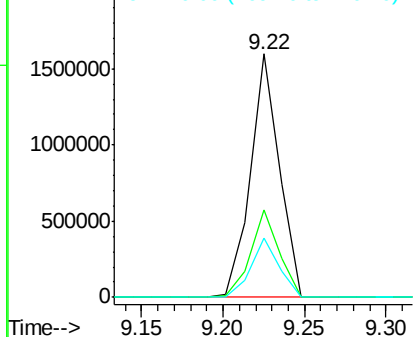
#44
 2-Fluorobiphenyl
 Concen: 82.83 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091338.D
 Acq: 29 Nov 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BL

Tgt Ion:172 Resp: 1959705
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 19.7 29.5

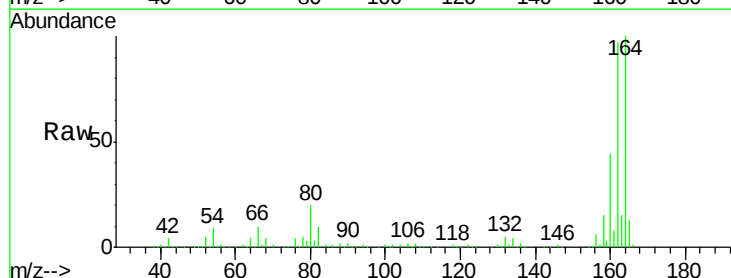


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

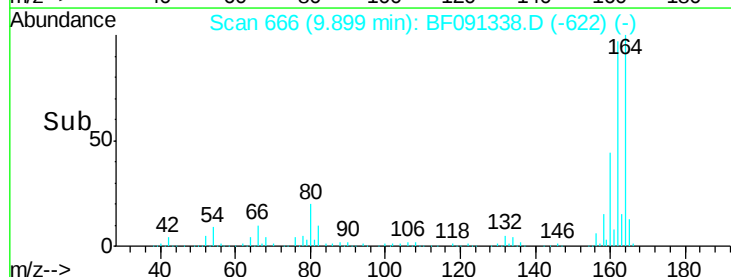
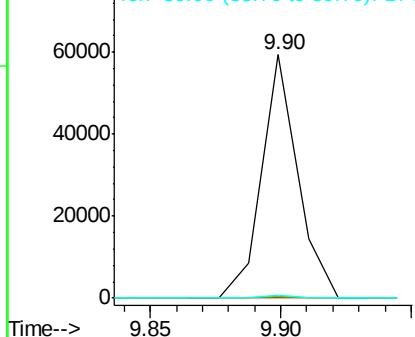


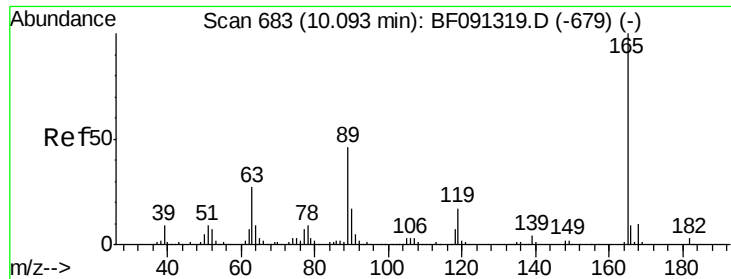
#50
 2,6-Dinitrotoluene
 Concen: 9.74 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091338.D
 Acq: 29 Nov 2016 20:28

Tgt Ion:165 Resp: 56452
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.0 50.8 76.2#



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

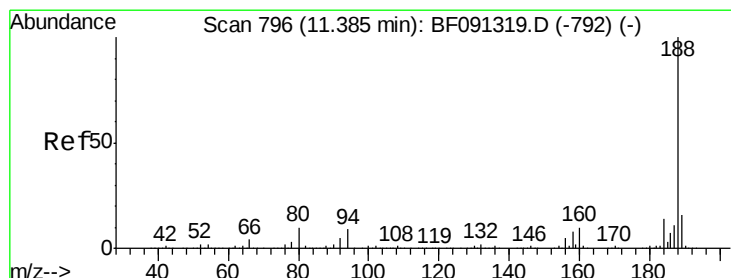
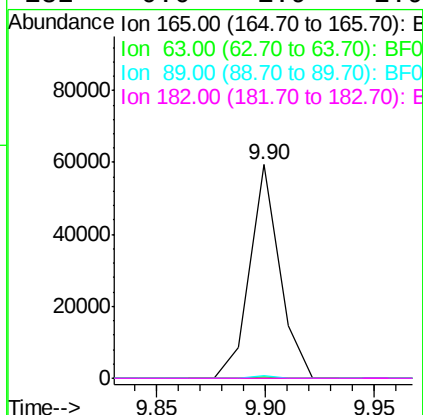
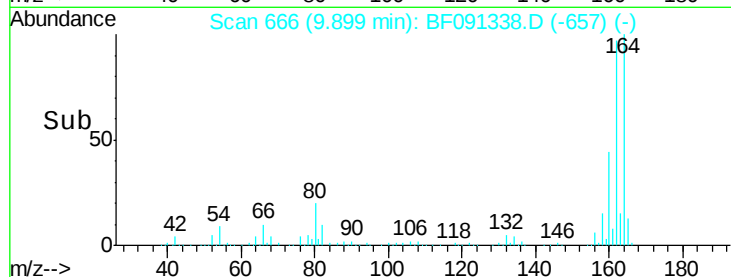
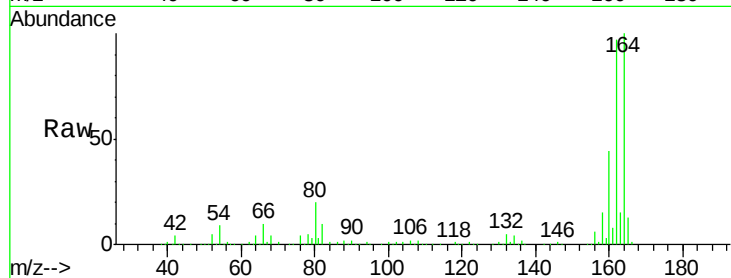




#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

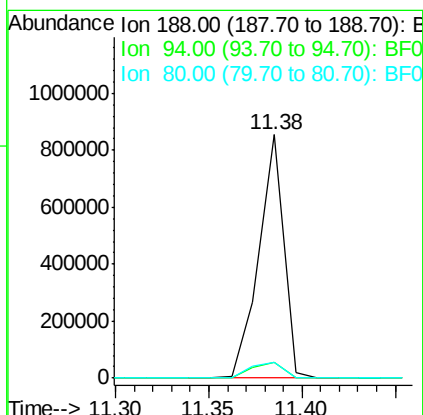
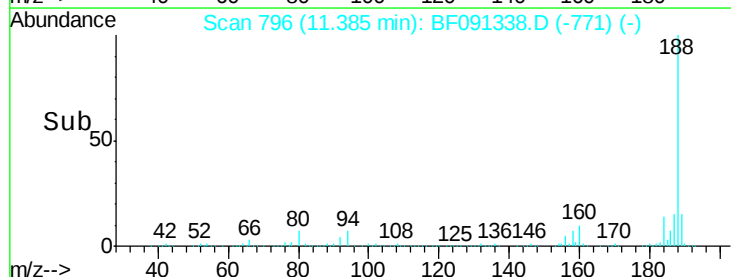
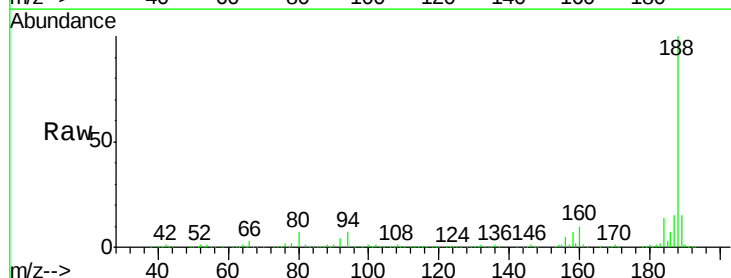
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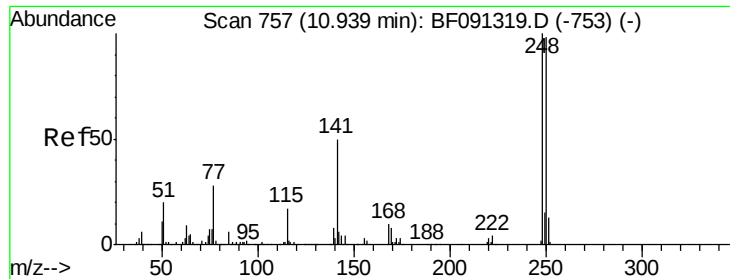
Tgt Ion:	165	Resp:	56454
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

Tgt Ion:	188	Resp:	788126
Ion Ratio	Lower	Upper	
188	100		
94	6.7	9.2	13.8#
80	6.7	10.5	15.7#

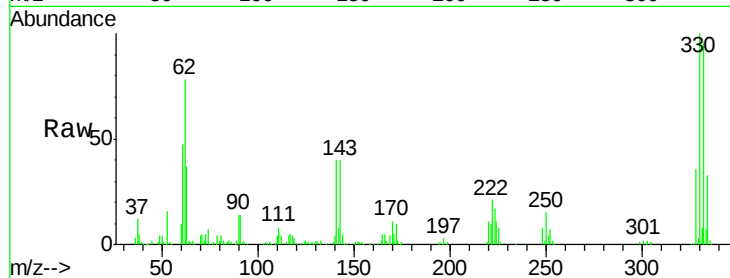




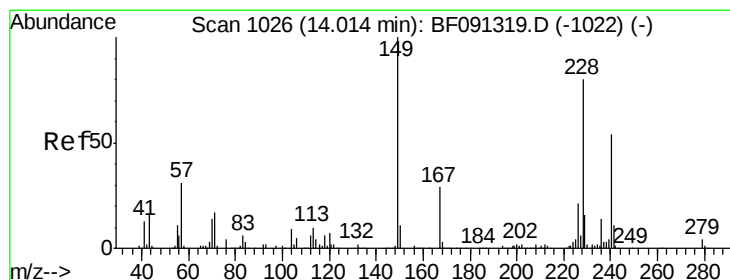
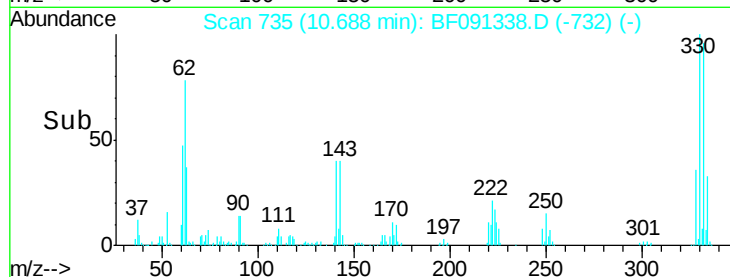
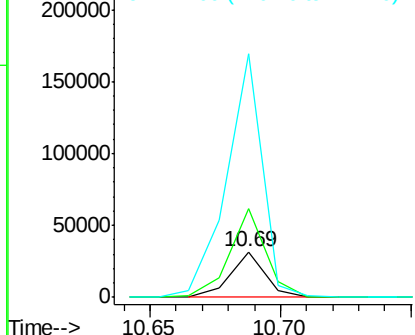
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB94860BL

Tgt Ion:248 Resp: 29835
Ion Ratio Lower Upper
248 100
250 194.2 78.2 117.4#
141 531.0 71.9 107.9#

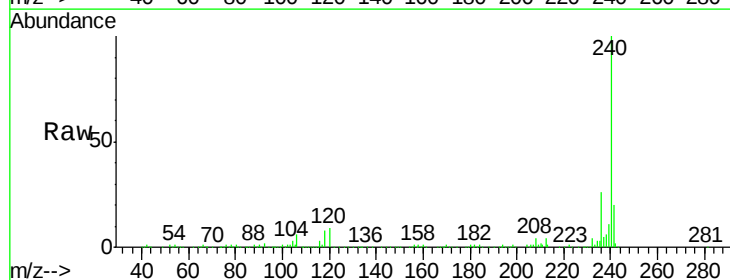


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

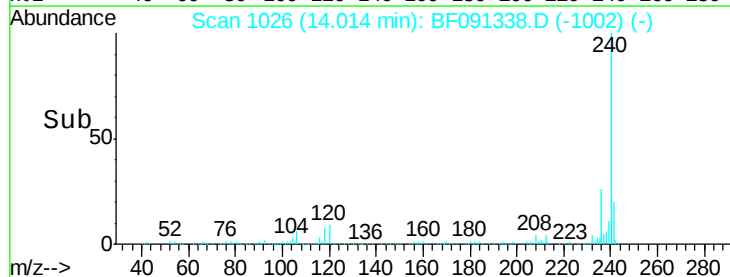
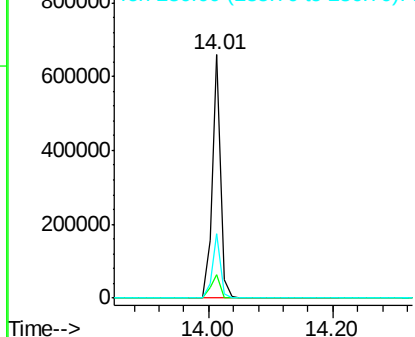


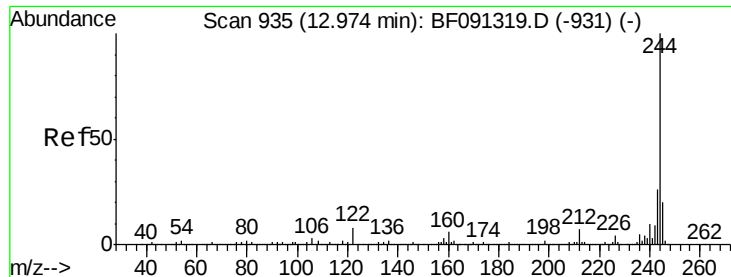
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091338.D
Acq: 29 Nov 2016 20:28

Tgt Ion:240 Resp: 605826
Ion Ratio Lower Upper
240 100
120 9.5 12.1 18.1#
236 26.4 21.0 31.6



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

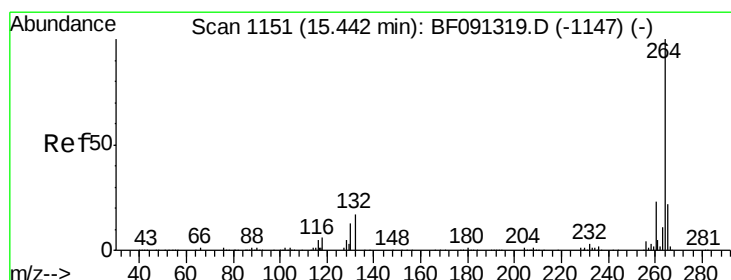
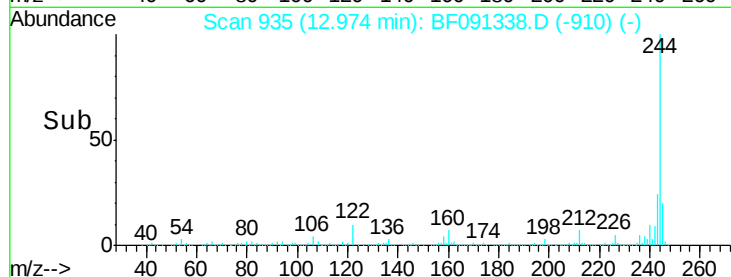
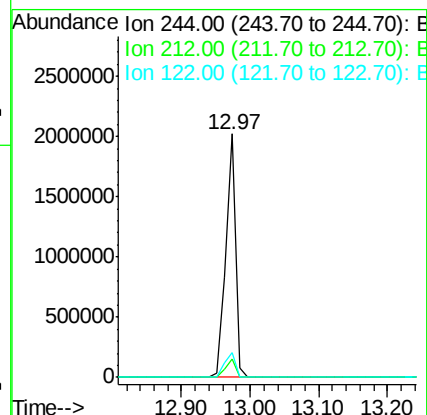
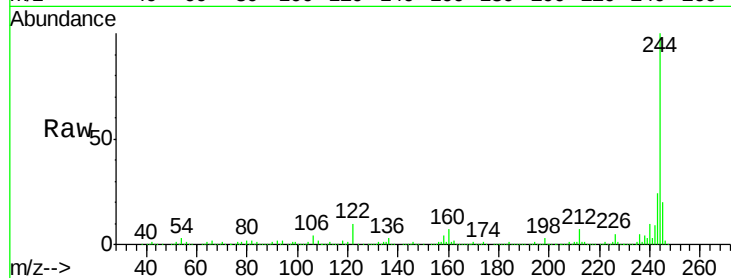




#78
 Terphenyl-d14
 Concen: 73.47 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091338.D
 Acq: 29 Nov 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BL

Tgt Ion:244 Resp: 2047968
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.4 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091338.D
 Acq: 29 Nov 2016 20:28

Tgt Ion:264 Resp: 450487
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.0 25.6

