

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091853.D
 Acq On : 22 Dec 2016 00:18
 Operator : UM/SJ
 Sample : PBP5522BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

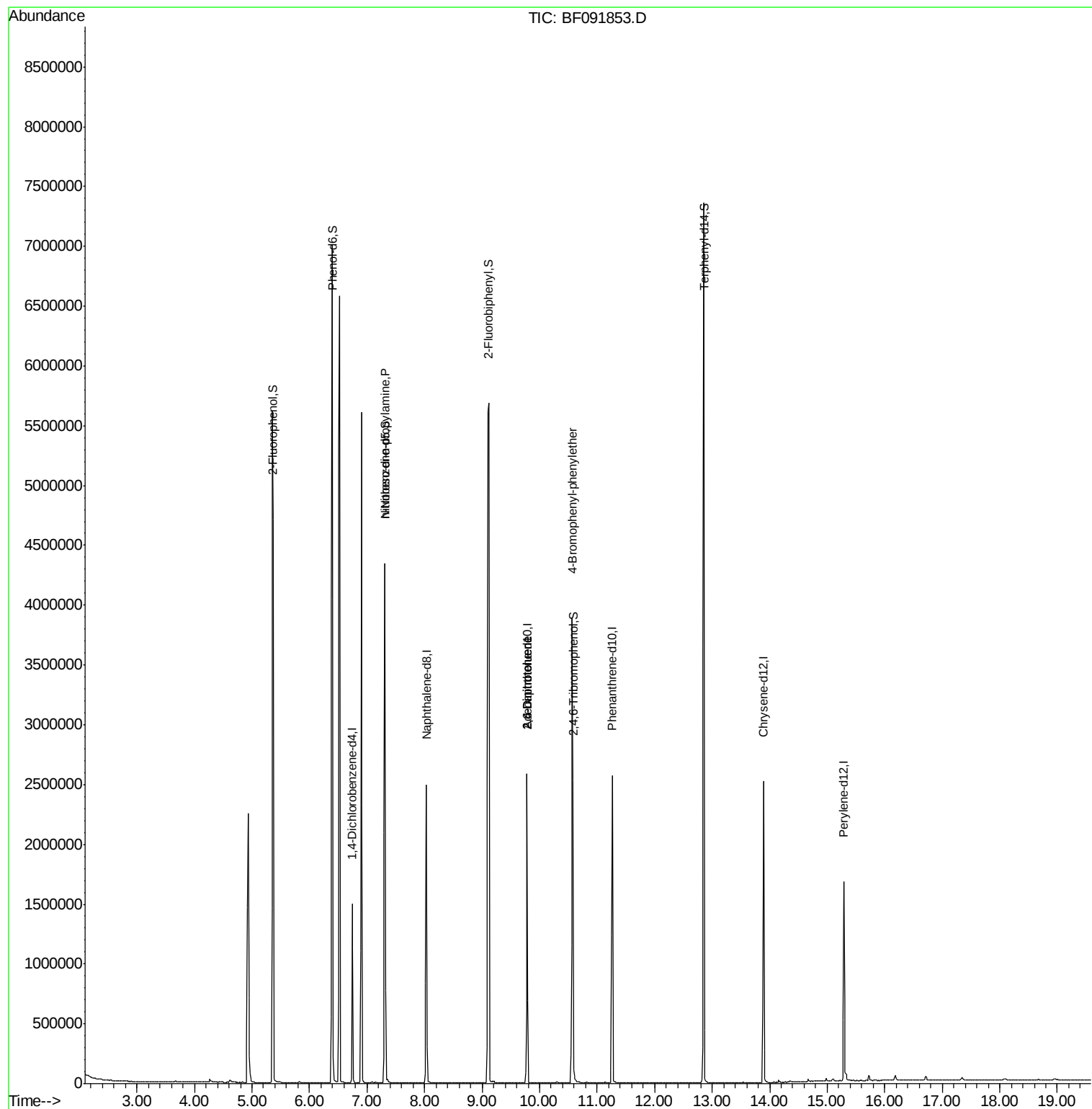
Quant Time: Dec 22 03:27:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

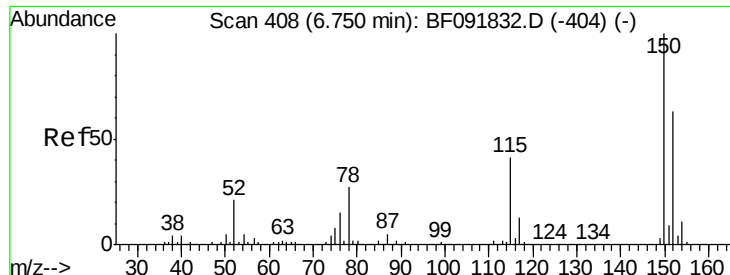
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	307685	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1294940	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	641547	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1110510	20.00	ng	0.00
75) Chrysene-d12	13.89	240	866170	20.00	ng	-0.01
86) Perylene-d12	15.29	264	744730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2438087	132.31	ng	0.02
7) Phenol-d6	6.40	99	2917806	129.69	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1834412	78.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	753055	141.84	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3330436	110.19	ng	0.00
78) Terphenyl-d14	12.85	244	2582804	72.32	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	242124	16.18	ng	# 77
50) 2,6-Dinitrotoluene	9.78	165	84728	9.43	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	84715	7.52	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	44081	3.82	ng	# 1
71) Anthracene	11.26	178	322	Below Cal		# 1
73) Di-n-butylphthalate	11.84	149	1354	Below Cal		# 76
76) Benzidine	12.60	184	968	Below Cal		# 65

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

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

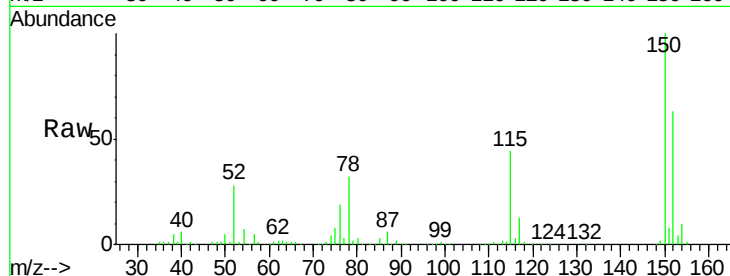
Tgt Ion:152 Resp: 307685

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

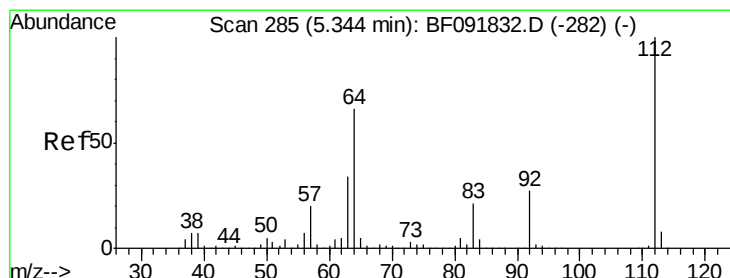
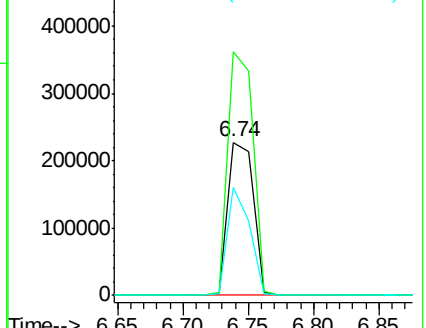
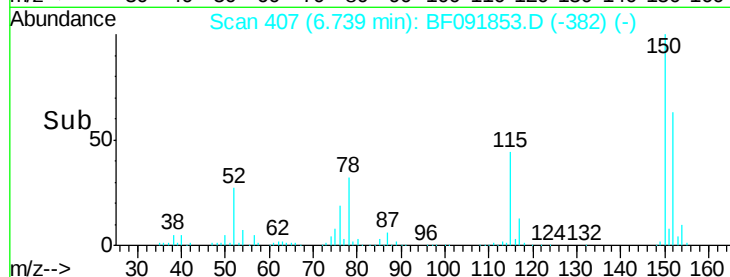
115 70.3 46.0 69.0#



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: 132.31 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

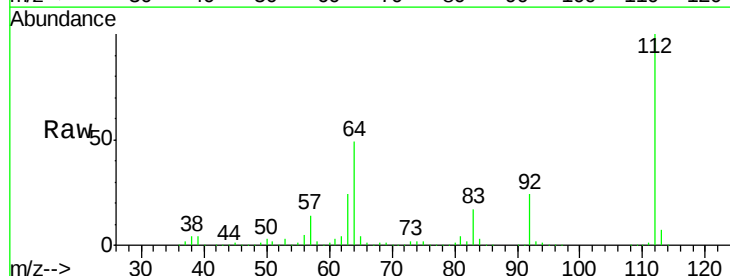
Tgt Ion:112 Resp: 2438087

Ion Ratio Lower Upper

112 100

64 48.6 46.1 69.1

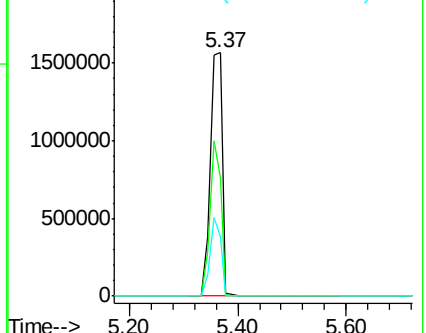
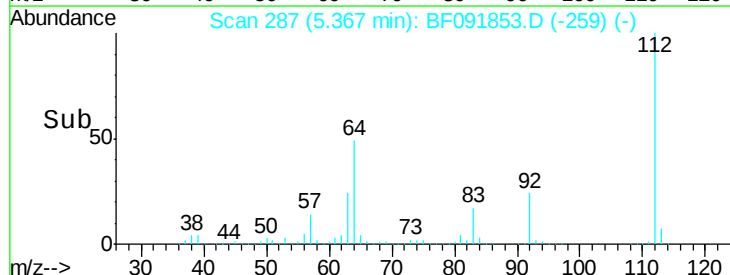
63 24.3 23.8 35.6

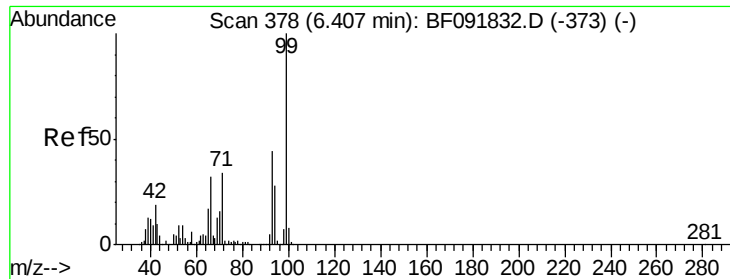


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

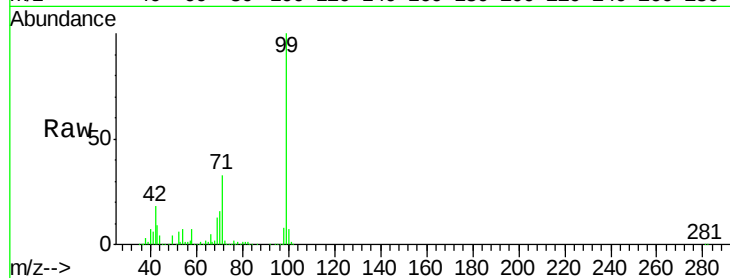
Tgt Ion: 99 Resp: 2917806

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

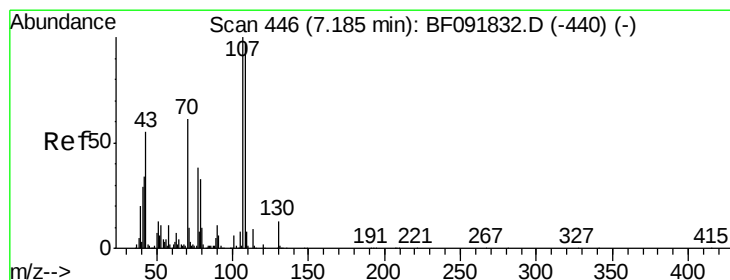
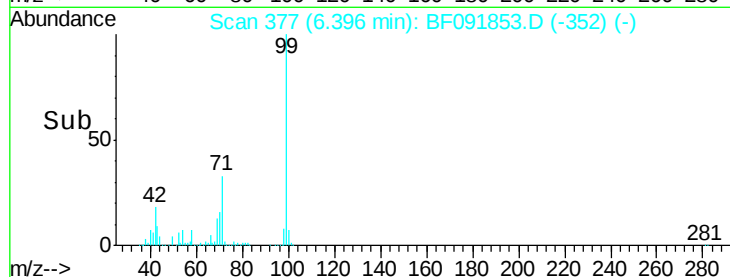
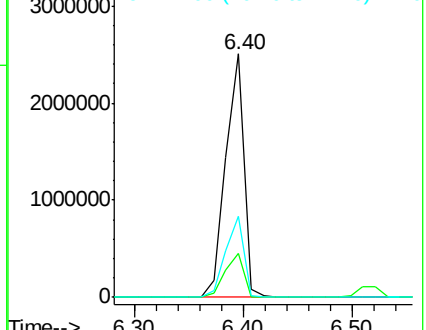
71 33.1 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.18 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

Tgt Ion: 70 Resp: 242124

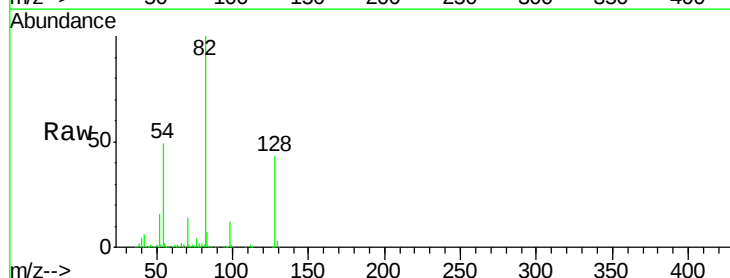
Ion Ratio Lower Upper

70 100

42 47.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

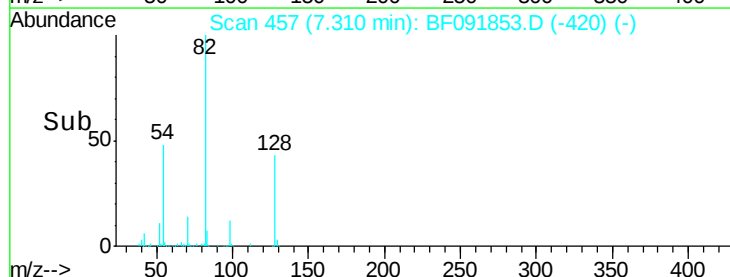
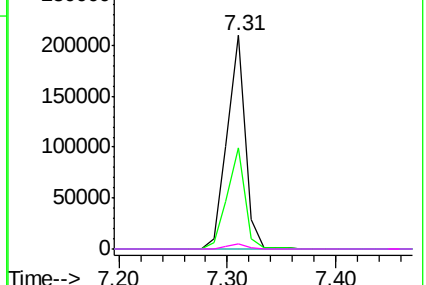


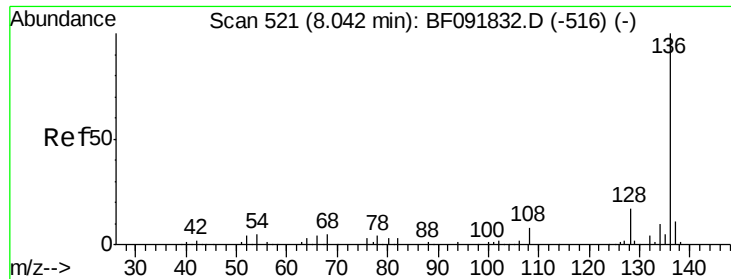
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

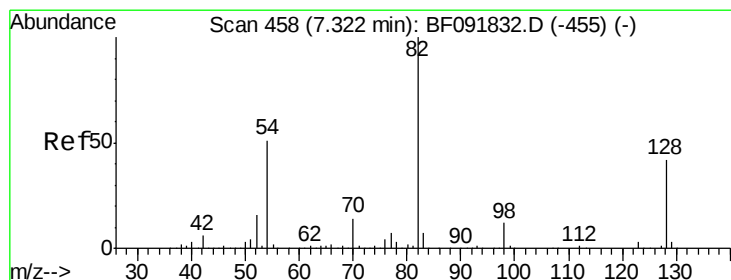
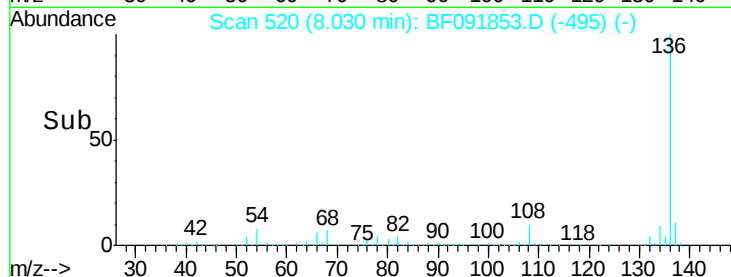
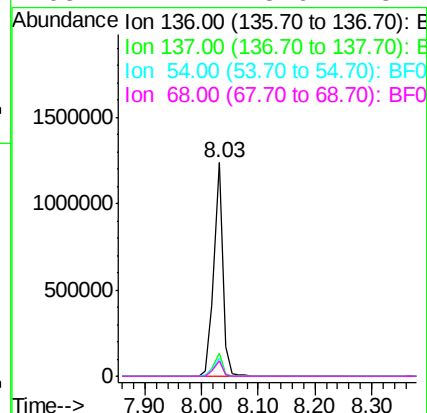
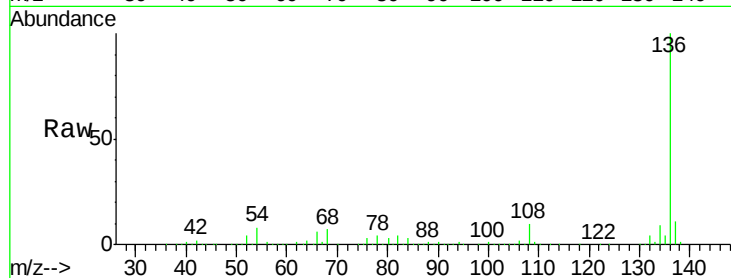
Ion 130.00 (129.70 to 130.70): BF0





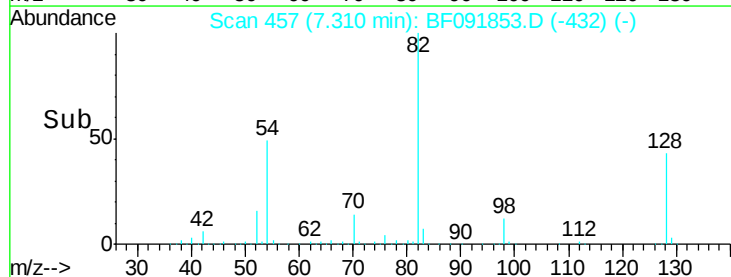
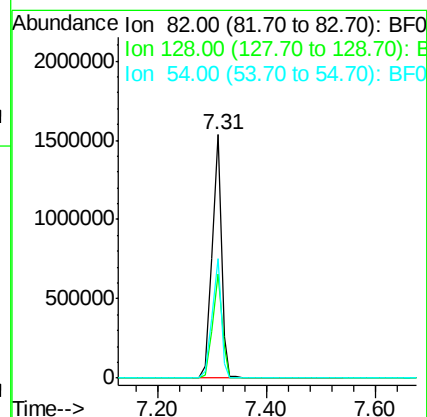
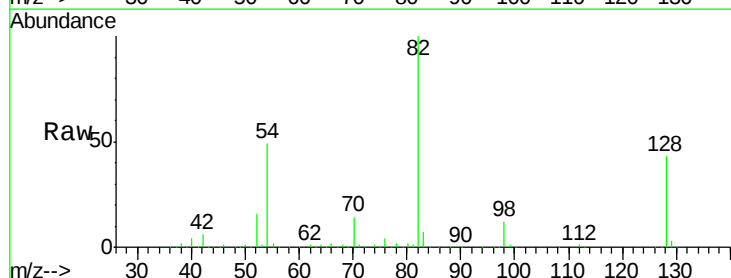
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091853.D
Acq: 22 Dec 2016 00:18

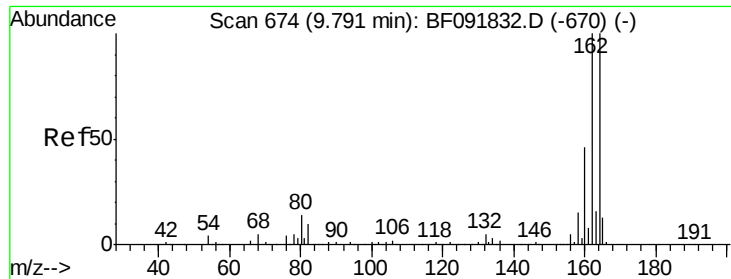
Tgt Ion: 136 Resp: 1294940
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.3 4.5 6.7#
68 7.1 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 78.77 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091853.D
Acq: 22 Dec 2016 00:18

Tgt Ion: 82 Resp: 1834412
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 49.3 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

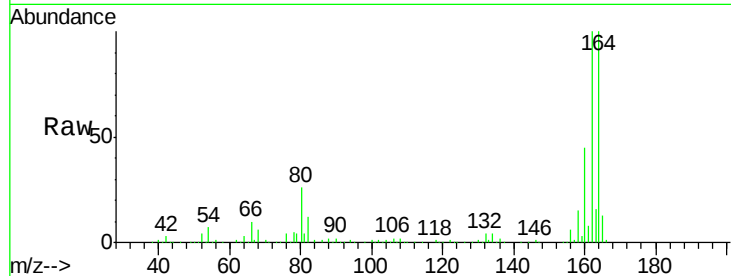
Tgt Ion:164 Resp: 641547

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

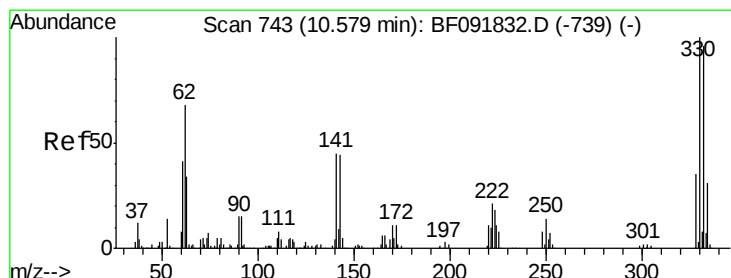
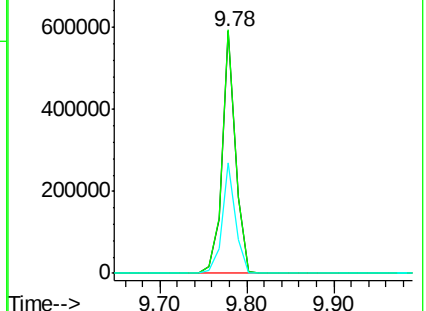
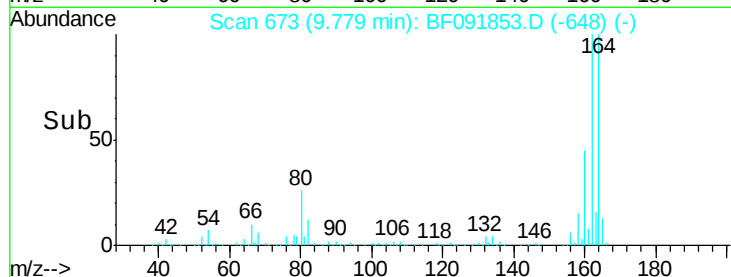
160 45.5 36.9 55.3



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: 141.84 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

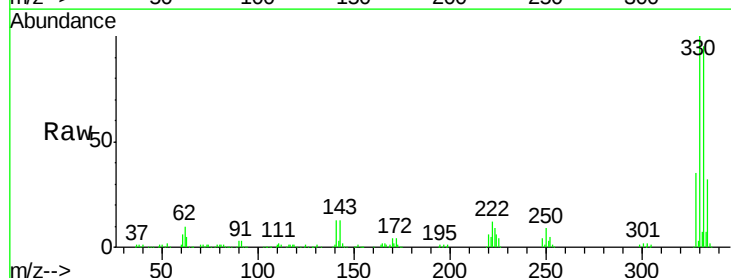
Tgt Ion:330 Resp: 753055

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

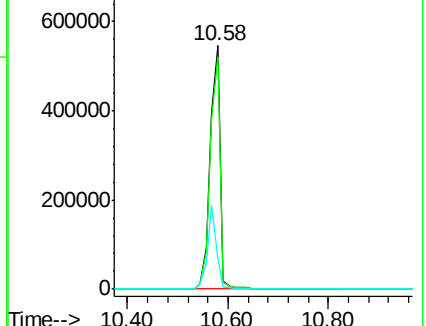
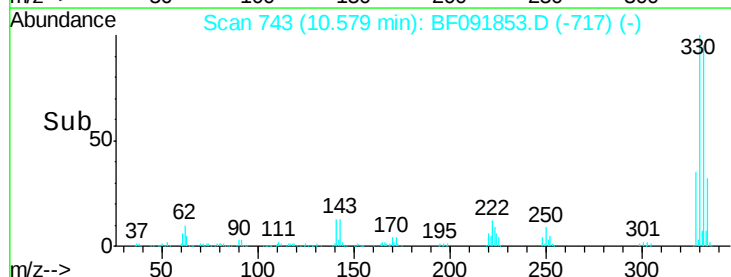
141 31.1 34.1 51.1#

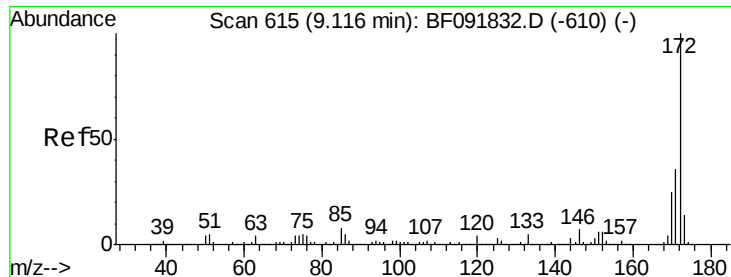


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

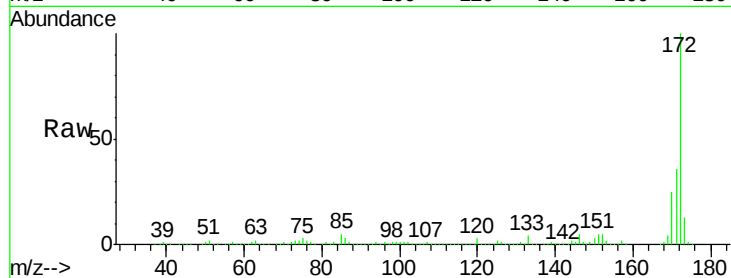
Ion 141.00 (140.70 to 141.70): E



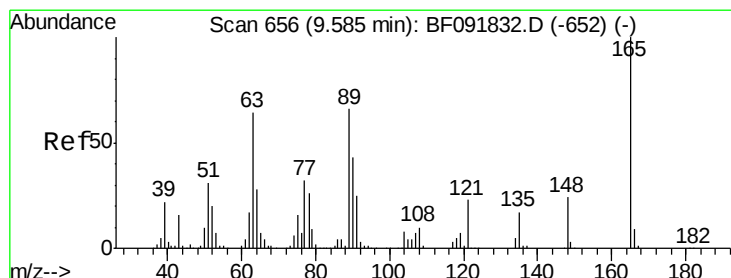
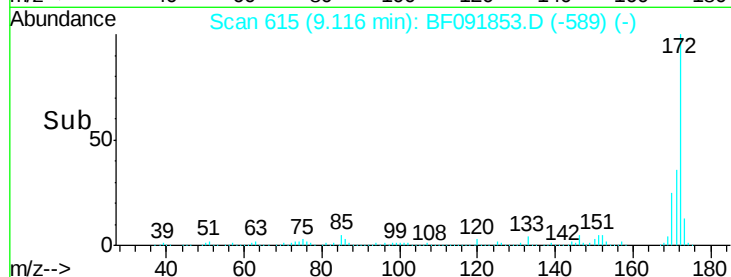
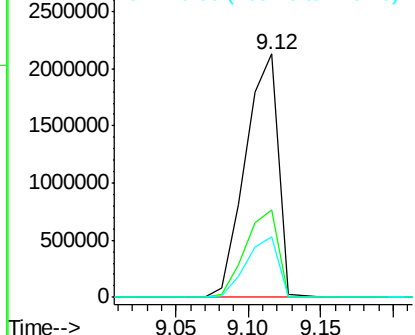


#44
2-Fluorobiphenyl
Concen: 110.19 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091853.D
Acq: 22 Dec 2016 00:18

Tgt Ion:172 Resp: 3330436
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 25.0 20.2 30.4

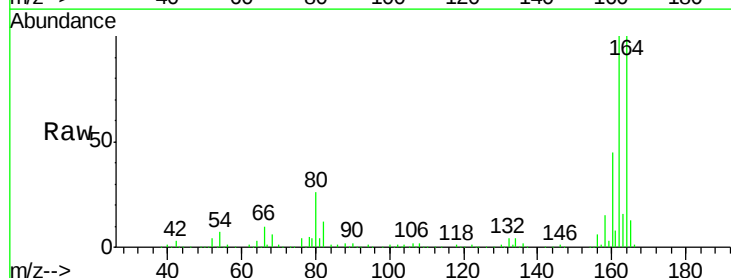


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

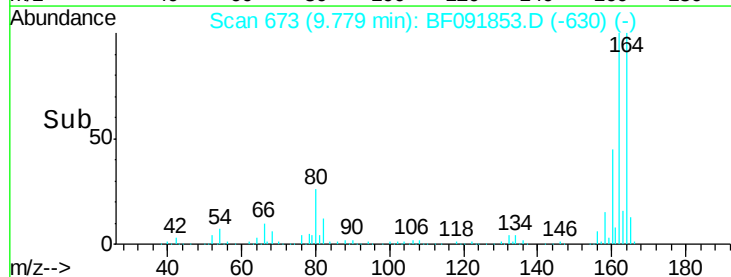
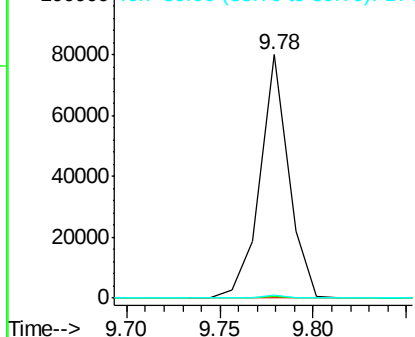


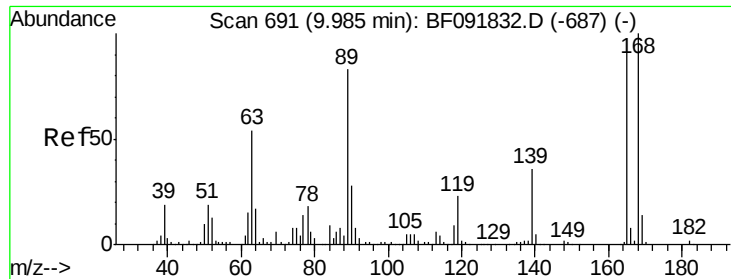
#50
2,6-Dinitrotoluene
Concen: 9.43 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091853.D
Acq: 22 Dec 2016 00:18

Tgt Ion:165 Resp: 84728
Ion Ratio Lower Upper
165 100
63 0.8 36.2 54.4#
89 1.0 40.2 60.4#



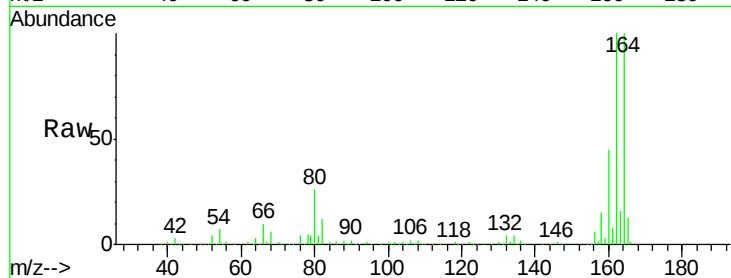
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#56
 2,4-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF091853.D
 Acq: 22 Dec 2016 00:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



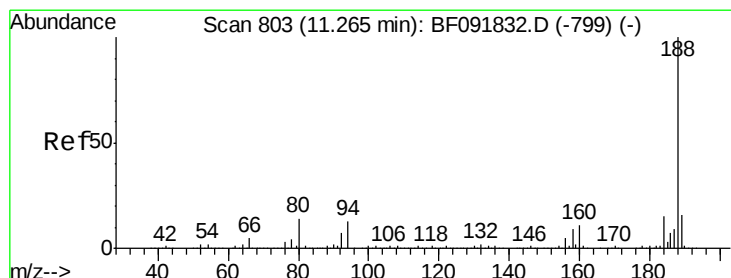
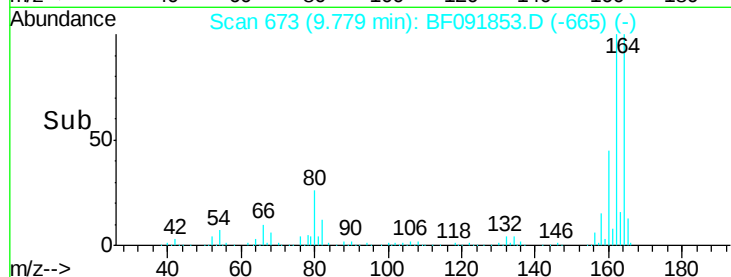
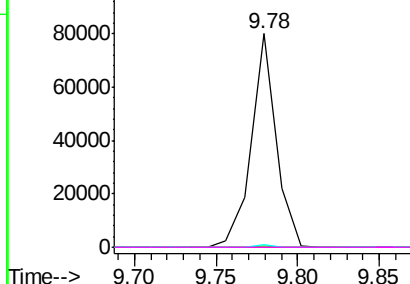
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

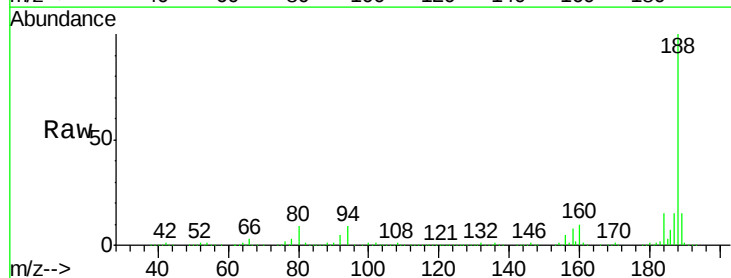
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091853.D
 Acq: 22 Dec 2016 00:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.0	15.0#
80	9.1	11.2	16.8#

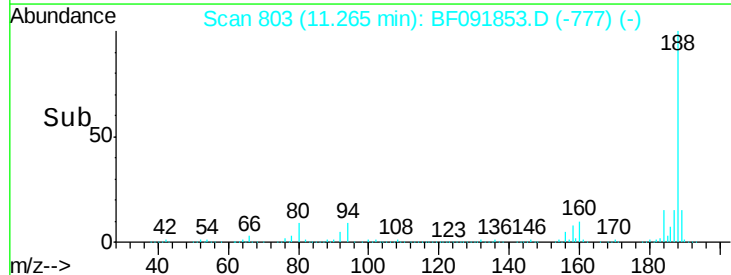
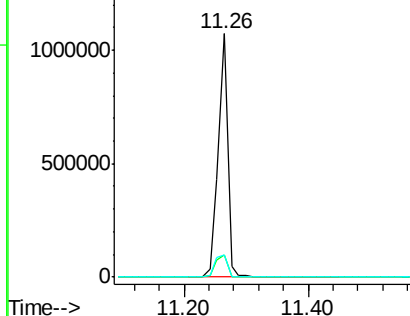


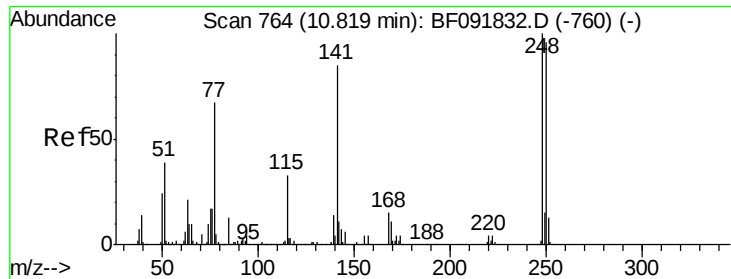
Abundance

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





#66

4-Bromophenyl-phenylether

Concen: 3.82 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.25 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

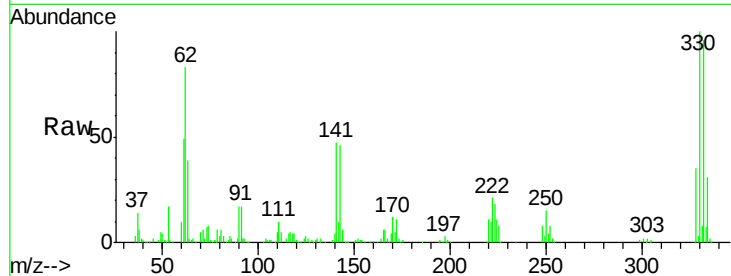
Tgt Ion:248 Resp: 44081

Ion Ratio Lower Upper

248 100

250 197.4 76.9 115.3#

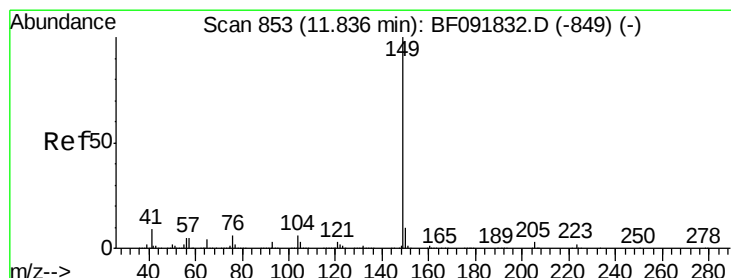
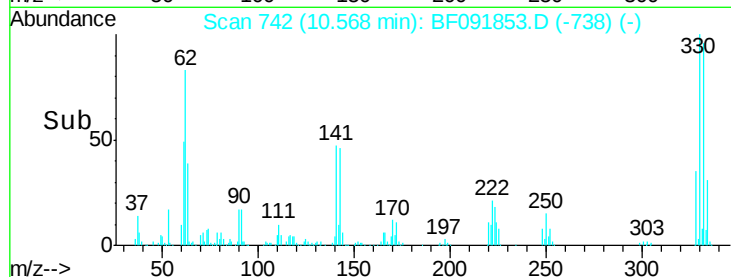
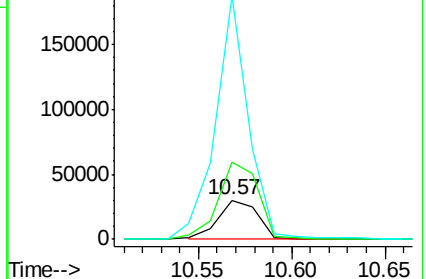
141 620.1 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

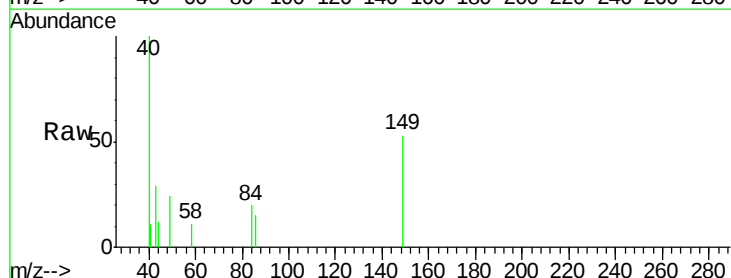
Tgt Ion:149 Resp: 1354

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

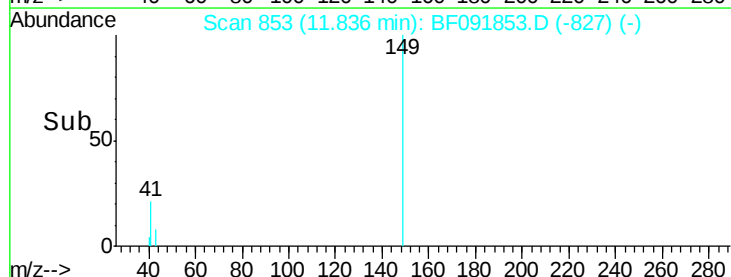
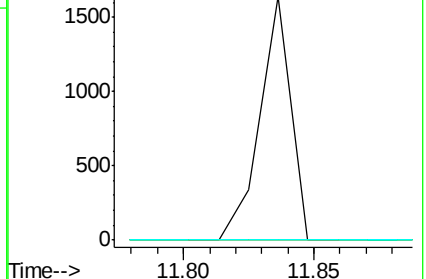
104 0.0 4.6 7.0#

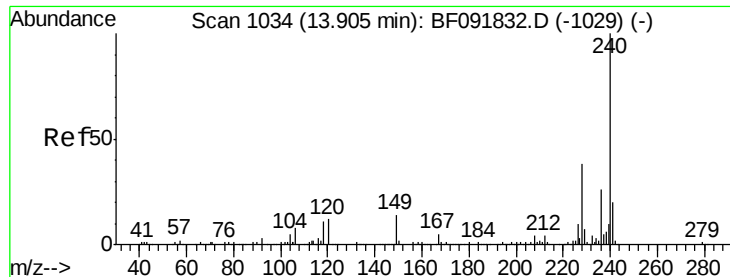


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

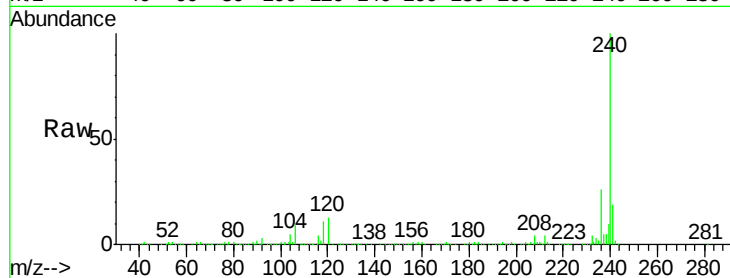
RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

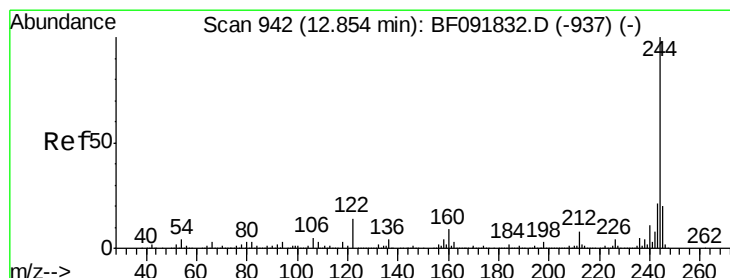
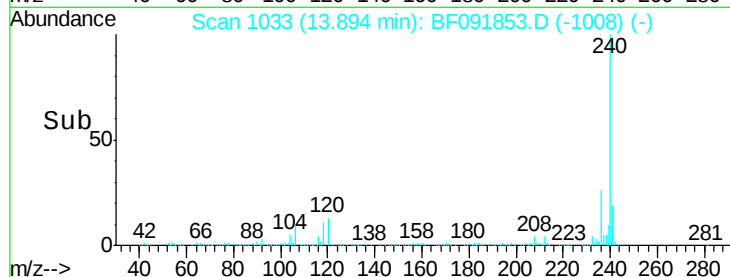
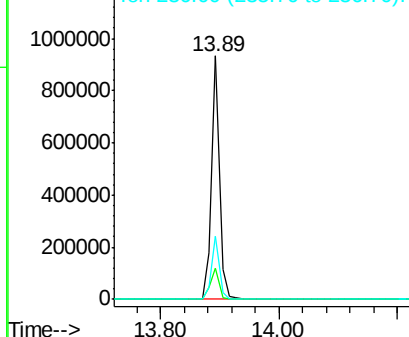
Lab File: BF091853.D

Acq: 22 Dec 2016 00:18

Tgt Ion:	240	Resp:	866170
Ion	Ratio	Lower	Upper
240	100		
120	12.9	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: 72.32 ng

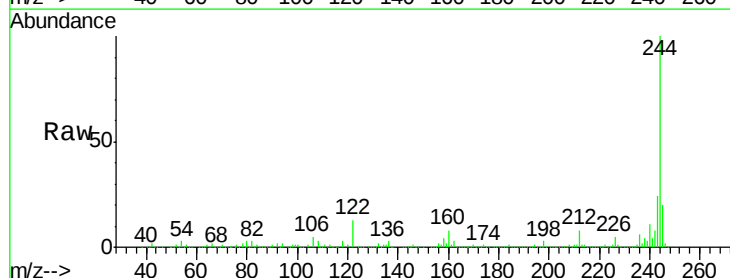
RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

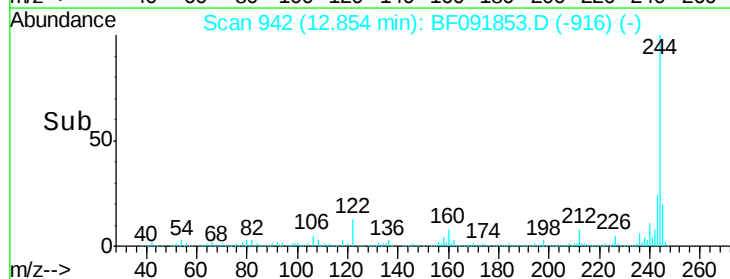
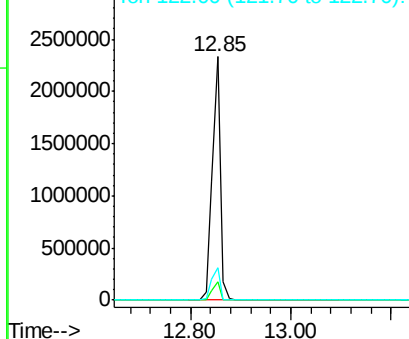
Lab File: BF091853.D

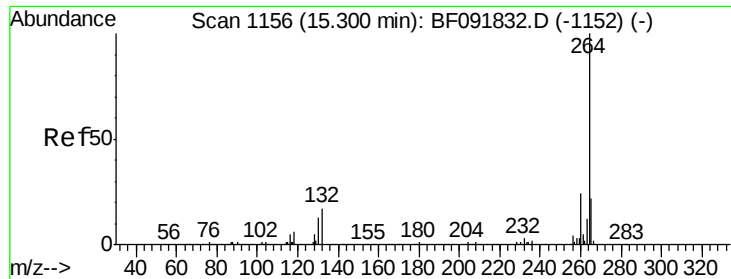
Acq: 22 Dec 2016 00:18

Tgt Ion:	244	Resp:	2582804
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.3	11.4	17.2



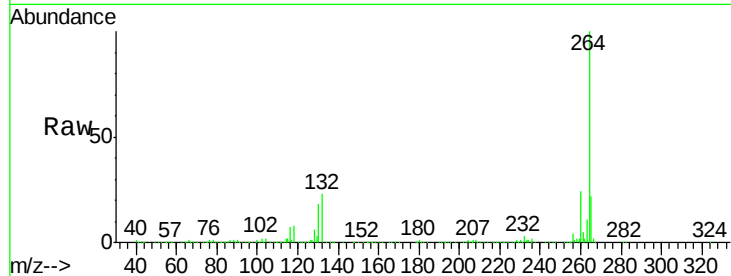
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091853.D
Acq: 22 Dec 2016 00:18

Tgt Ion:	264	Resp:	744730
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	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

