

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091891.D
 Acq On : 22 Dec 2016 17:35
 Operator : UM/SJ
 Sample : H6156-22
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

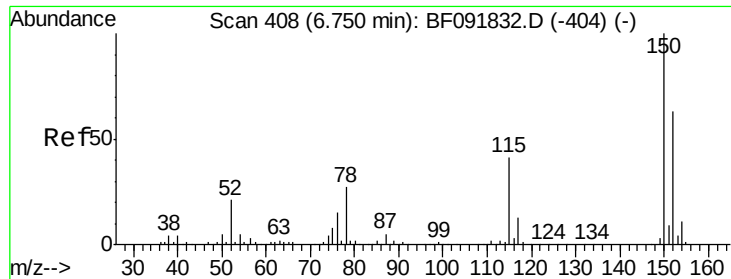
Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Quant Time: Dec 23 00:39:37 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	6.75	152	142769	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	568846	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	285675	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	397452	20.00	ng	0.00
75) Chrysene-d12	13.91	240	307795	20.00	ng	0.00
86) Perylene-d12	15.30	264	262542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	592906	69.34	ng	0.06
7) Phenol-d6	6.45	99	468455	44.87	ng	0.05
23) Nitrobenzene-d5	7.32	82	967080	94.53	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	310722	131.43	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1590997	119.32	ng	0.00
78) Terphenyl-d14	12.85	244	1166762	91.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	745	Below Cal	#	1
15) Benzyl Alcohol	6.91	79	18862	2.33 ng	#	38
19) n-Nitroso-di-n-propylamine	7.32	70	134367	19.35 ng	#	76
37) 2-Methylnaphthalene	8.75	142	1341	Below Cal	#	88
50) 2,6-Dinitrotoluene	9.79	165	38283	9.57 ng	#	30
56) 2,4-Dinitrotoluene	9.79	165	38284	7.63 ng	#	19
66) 4-Bromophenyl-phenylether	10.59	248	19251	4.66 ng	#	1
71) Anthracene	11.34	178	789	Below Cal	#	38
73) Di-n-butylphthalate	11.84	149	1556	Below Cal	#	68
74) Fluoranthene	12.57	202	509	Below Cal	#	61

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

```
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Sample    : H6156-22  
Misc      :  
ALS Vial  : 46      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

Instrument :

BNA_F

ClientSampleId :

MW-11A

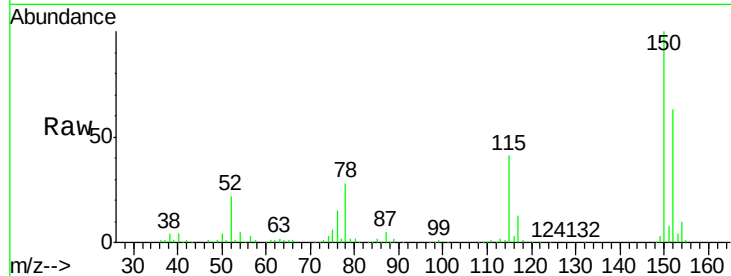
Tgt Ion:152 Resp: 142769

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

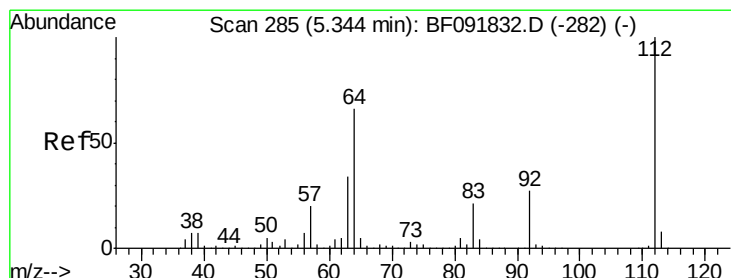
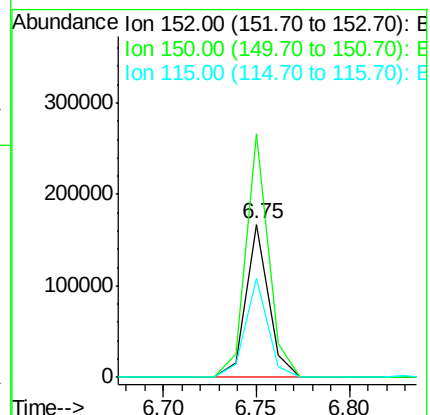
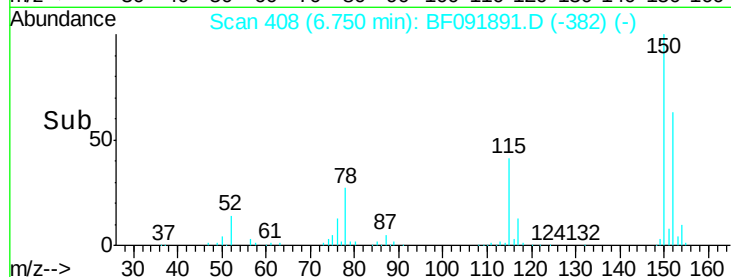
115 64.8 46.0 69.0



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: 69.34 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

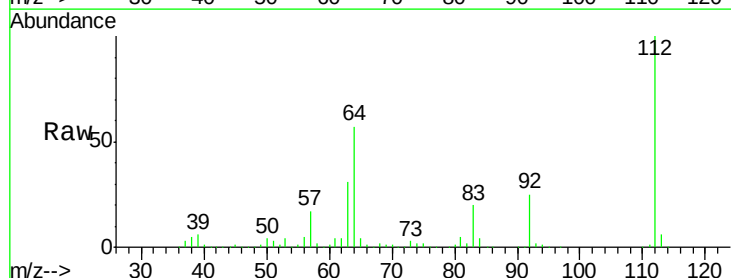
Tgt Ion:112 Resp: 592906

Ion Ratio Lower Upper

112 100

64 57.4 46.1 69.1

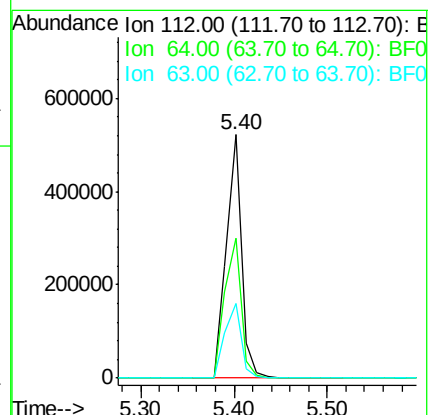
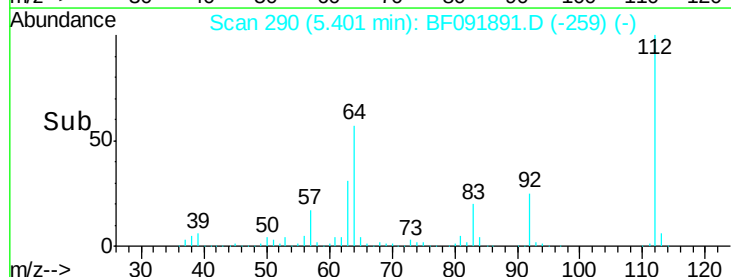
63 30.8 23.8 35.6

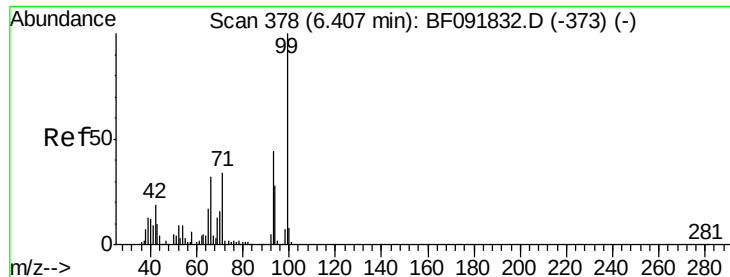


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.87 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

Instrument :

BNA_F

ClientSampleId :

MW-11A

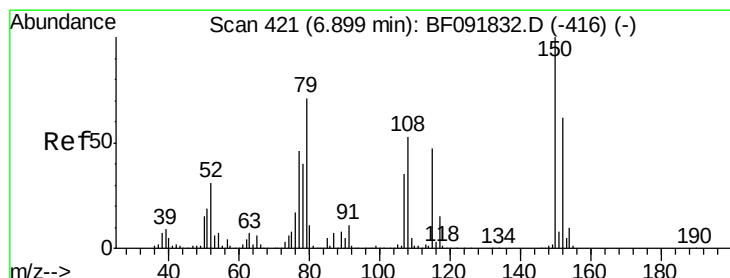
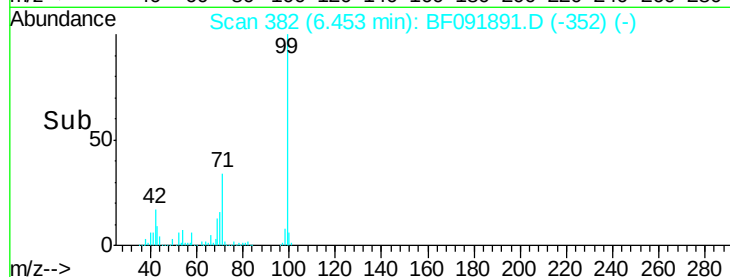
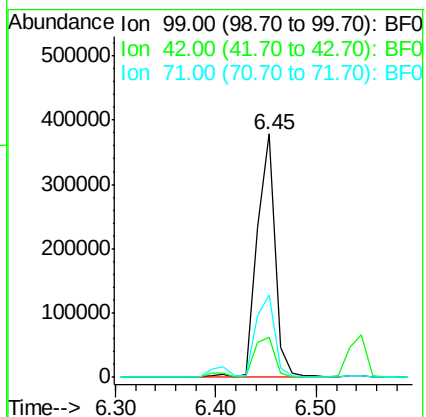
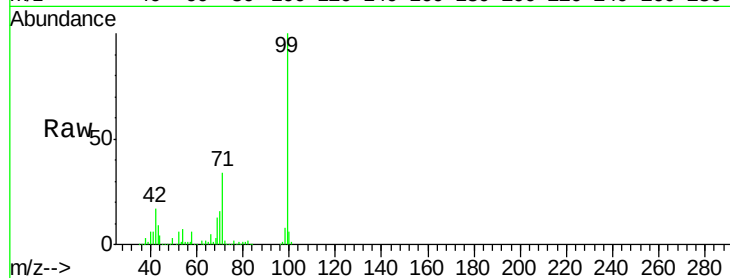
Tgt Ion: 99 Resp: 468455

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 34.0 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

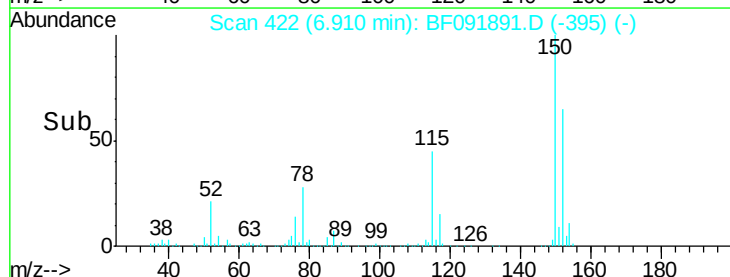
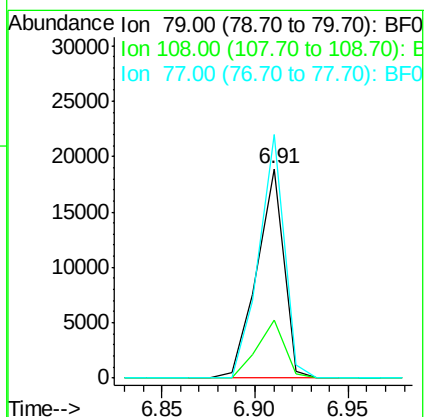
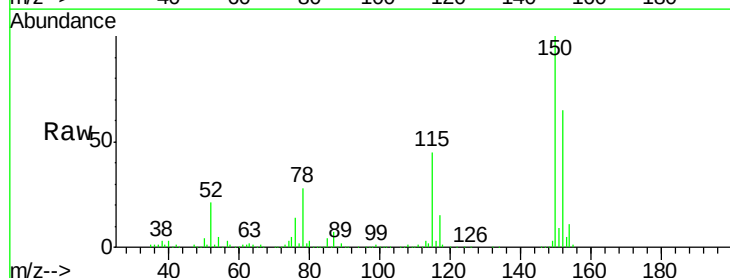
Tgt Ion: 79 Resp: 18862

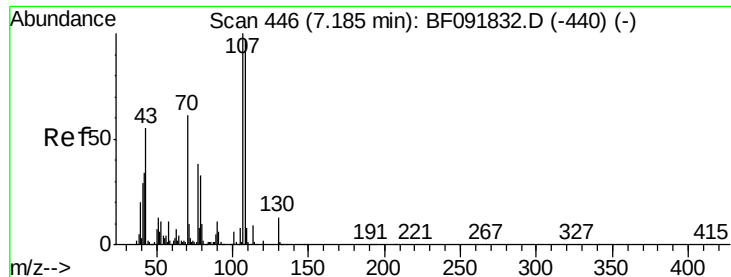
Ion Ratio Lower Upper

79 100

108 27.8 61.4 92.0#

77 116.3 50.9 76.3#

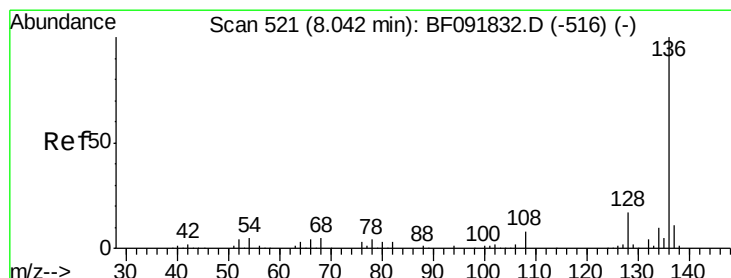
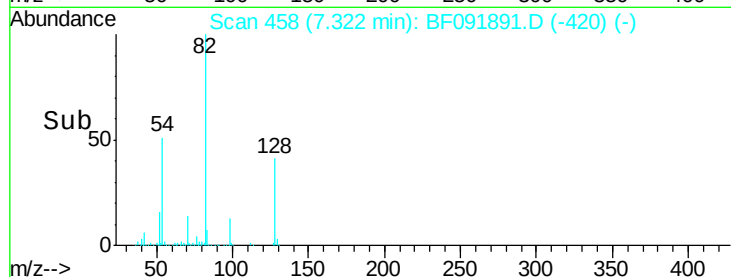
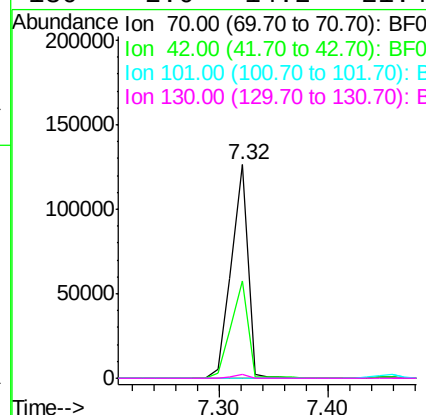
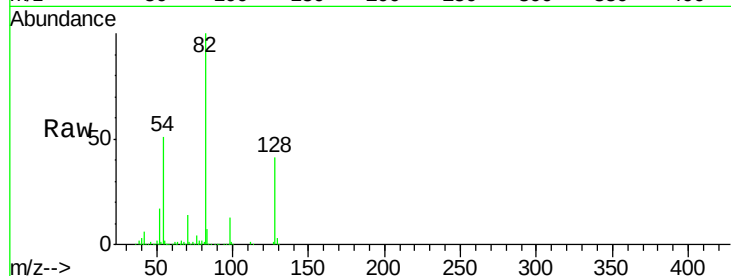




#19
n-Nitroso-di-n-propylamine
Concen: 19.35 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF091891.D
Acq: 22 Dec 2016 17:35

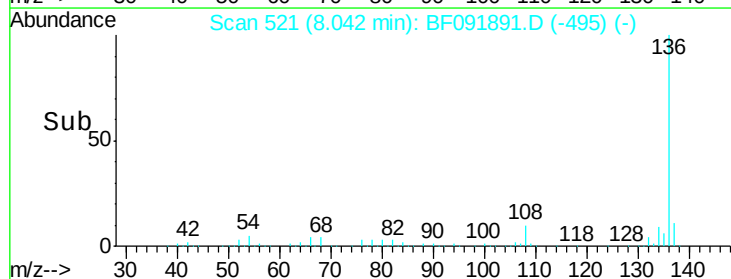
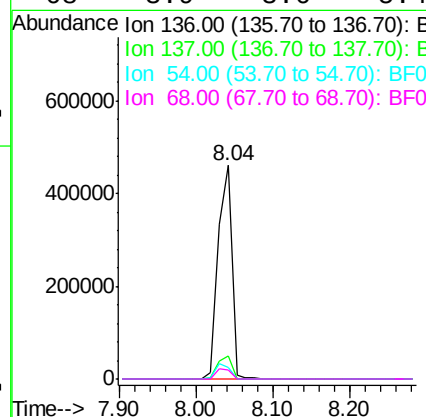
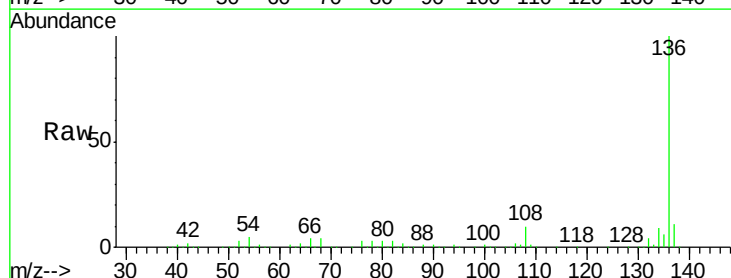
Instrument :
BNA_F
ClientSampleId :
MW-11A

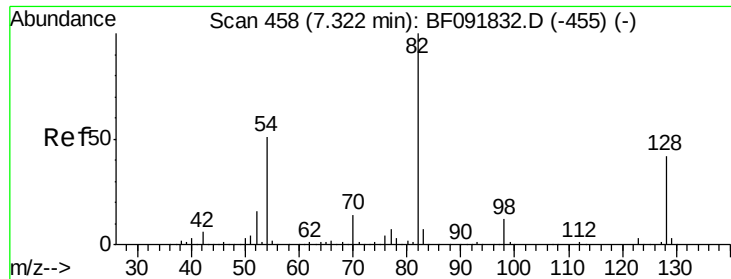
Tgt Ion: 70 Resp: 134367
Ion Ratio Lower Upper
70 100
42 45.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091891.D
Acq: 22 Dec 2016 17:35

Tgt Ion: 136 Resp: 568846
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 5.3 4.5 6.7
68 3.9 3.6 5.4

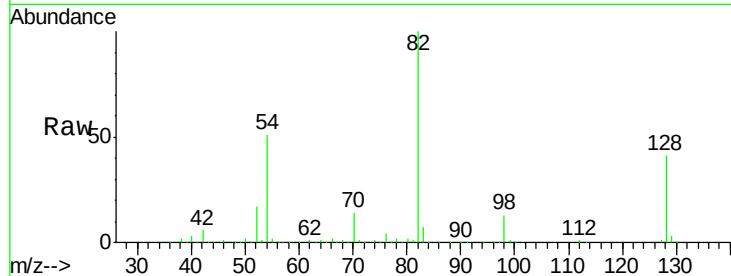




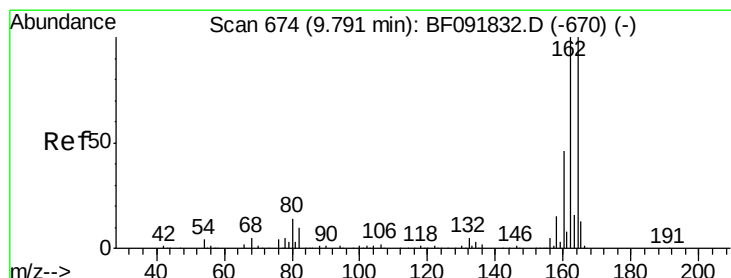
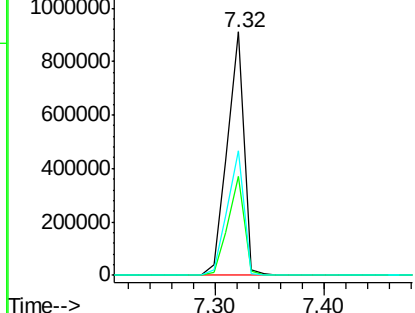
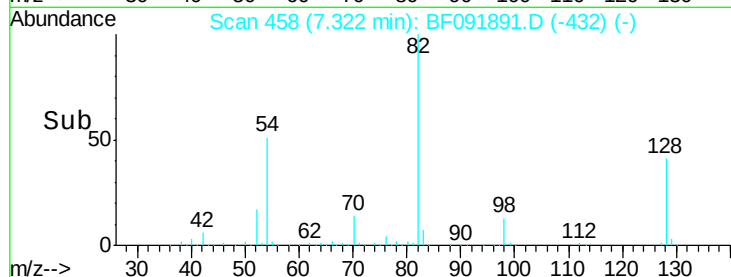
#23
 Nitrobenzene-d5
 Concen: 94.53 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tgt Ion: 82 Resp: 967080
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 51.2 39.5 59.3

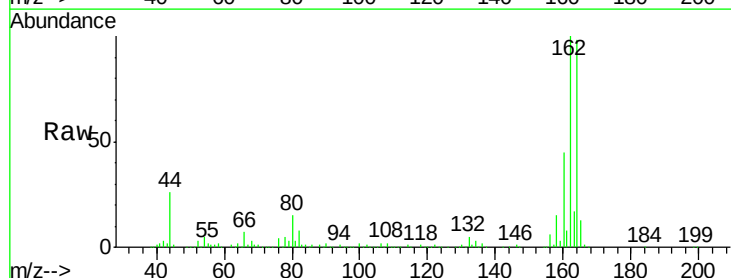


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

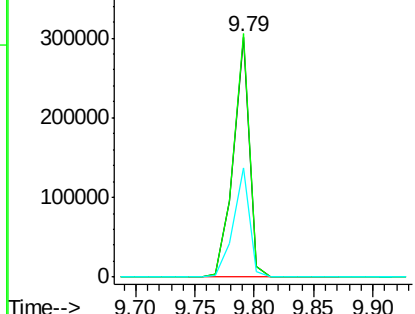
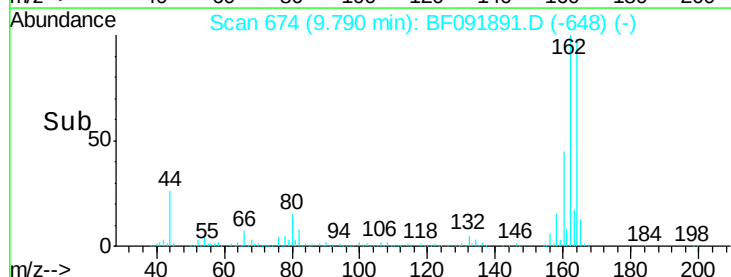


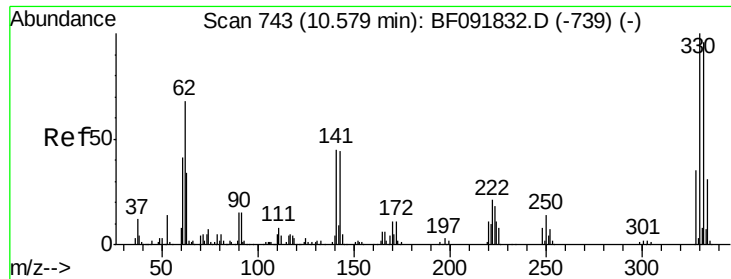
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Tgt Ion: 164 Resp: 285675
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 45.7 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

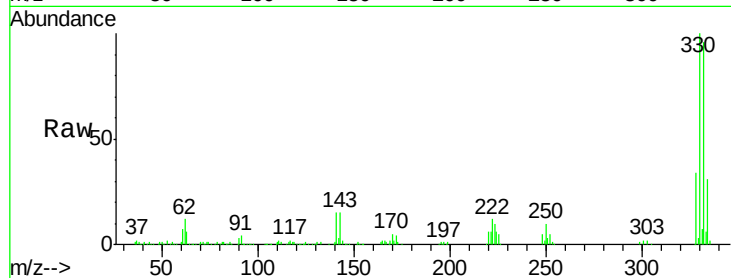




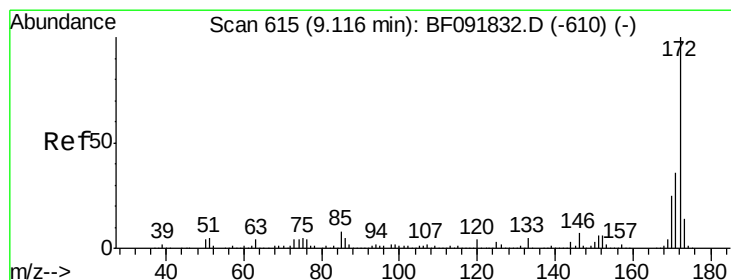
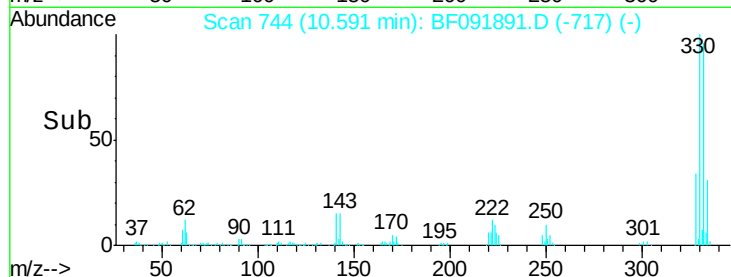
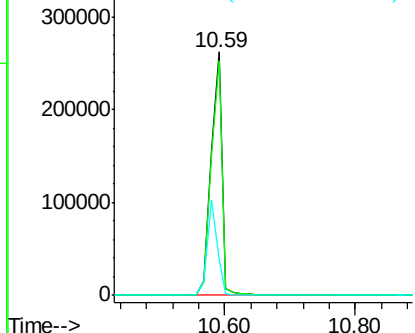
#41
 2,4,6-Tribromophenol
 Concen: 131.43 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-11A

Tgt Ion:330 Resp: 310722
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 36.0 34.1 51.1

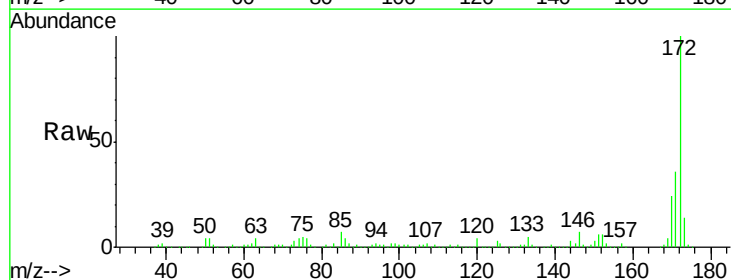


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

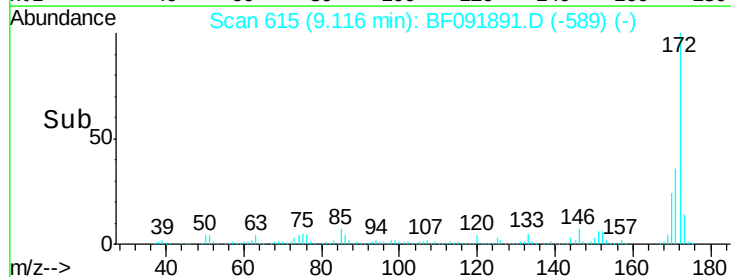
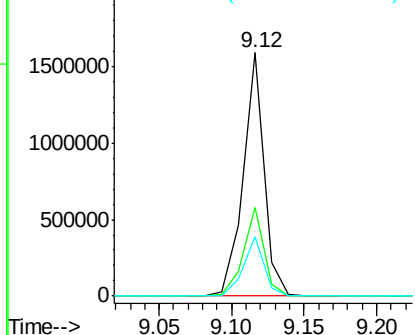


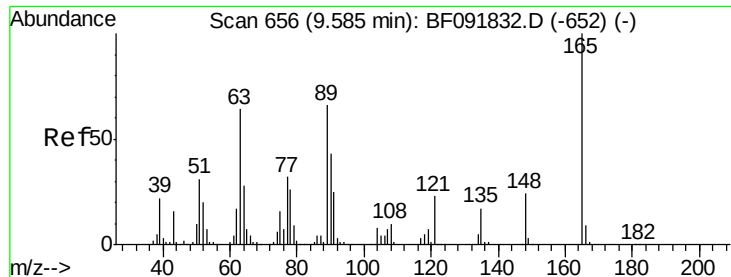
#44
 2-Fluorobiphenyl
 Concen: 119.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Tgt Ion:172 Resp: 1590997
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 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

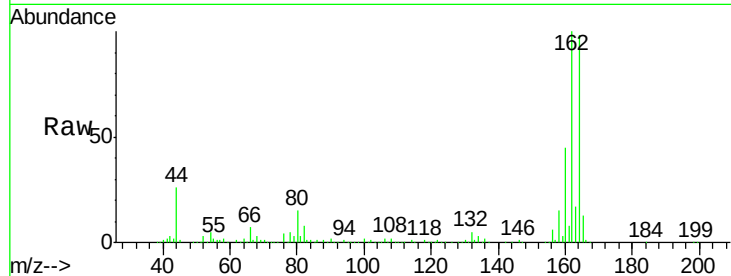




#50
 2,6-Dinitrotoluene
 Concen: 9.57 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.21 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Instrument :
 BNA_F
 ClientSampleID :
 MW-11A

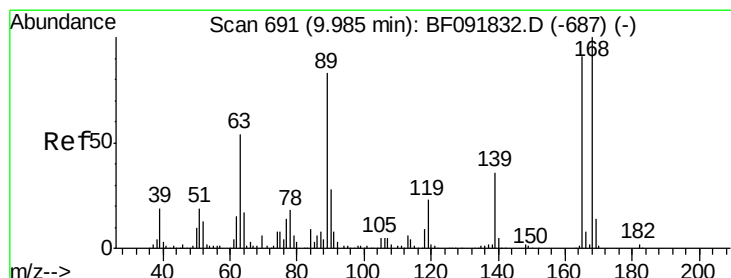
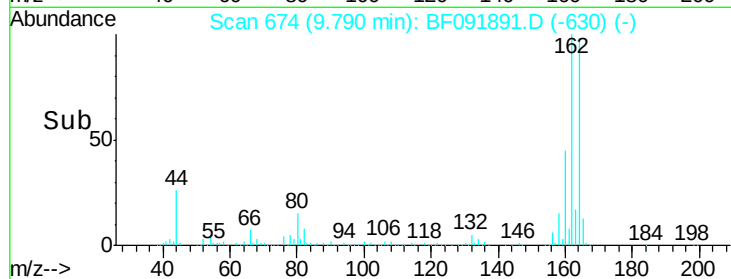
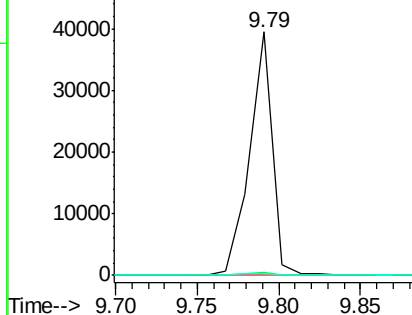
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	0.8	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

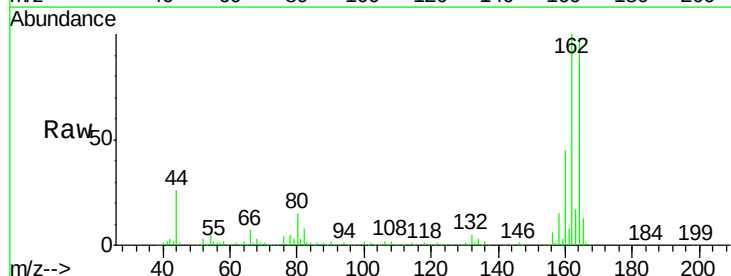
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.19 min
 Lab File: BF091891.D
 Acq: 22 Dec 2016 17:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

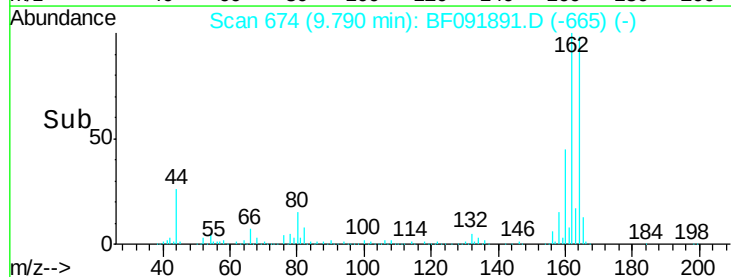
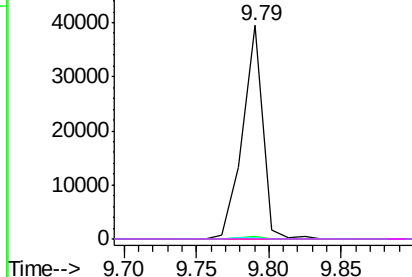


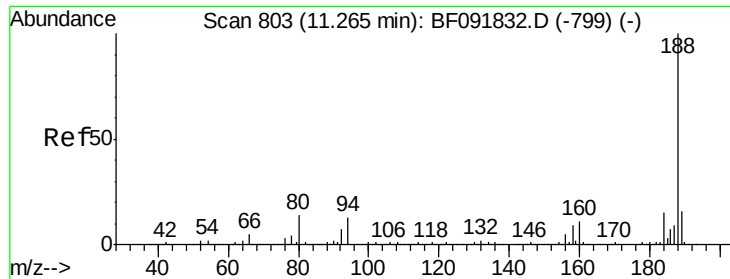
Abundance Ion 165.00 (164.70 to 165.70): E

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

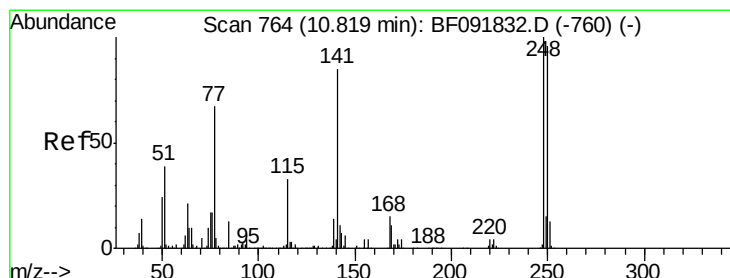
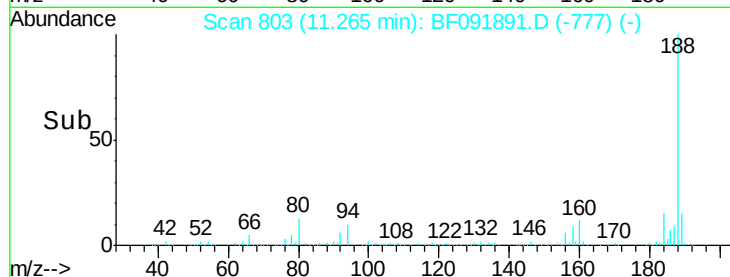
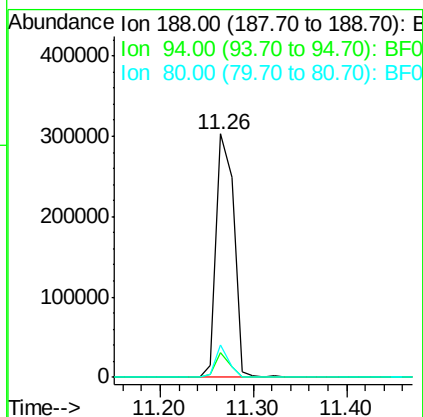
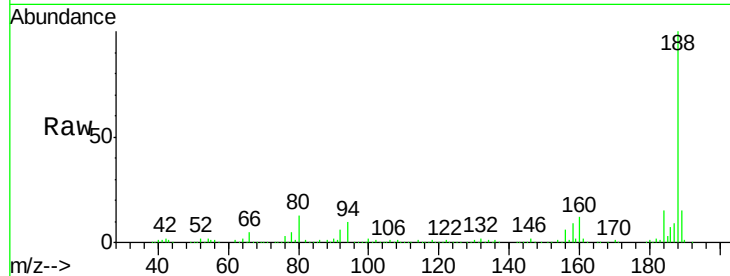




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091891.D
Acq: 22 Dec 2016 17:35

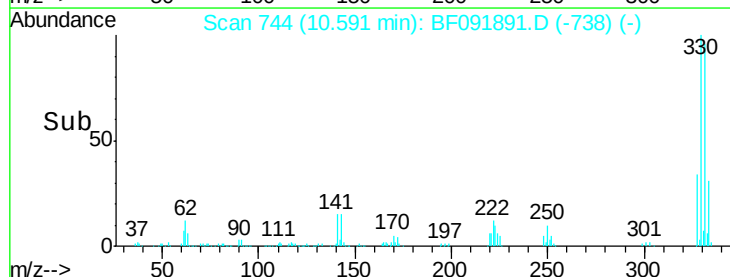
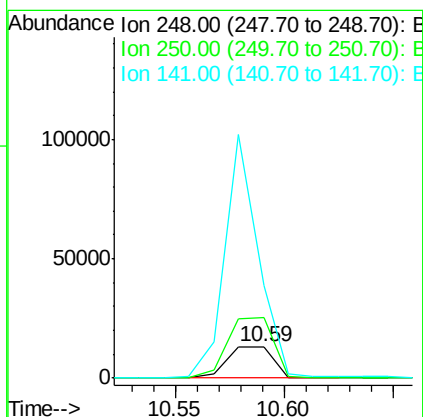
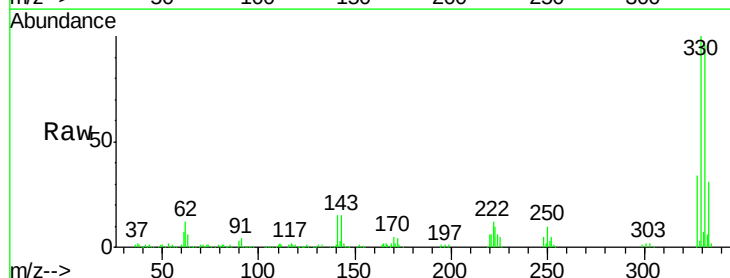
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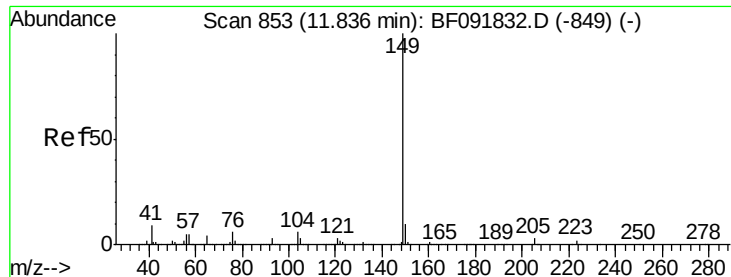
Tgt Ion:188 Resp: 397452
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 13.4 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.23 min
Lab File: BF091891.D
Acq: 22 Dec 2016 17:35

Tgt Ion:248 Resp: 19251
Ion Ratio Lower Upper
248 100
250 190.7 76.9 115.3#
141 294.1 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

Instrument :

BNA_F

ClientSampleId :

MW-11A

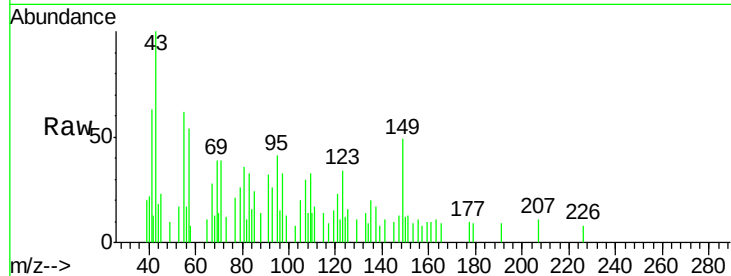
Tgt Ion:149 Resp: 1556

Ion Ratio Lower Upper

149 100

150 25.2 8.1 12.1#

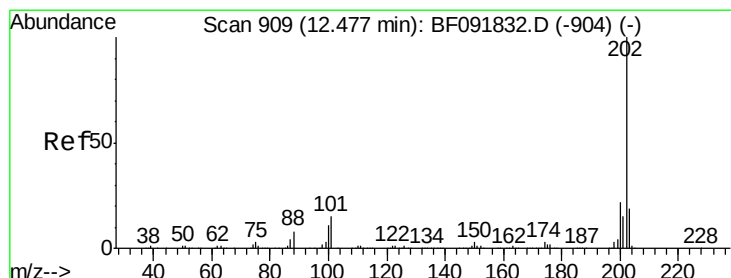
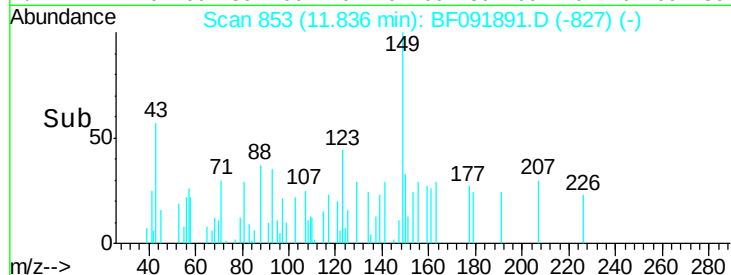
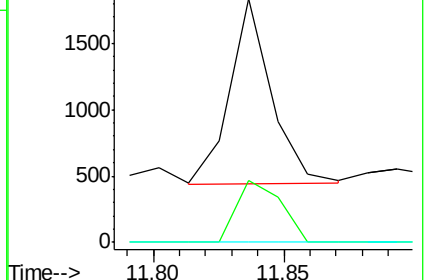
104 0.0 4.6 7.0#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.57 min Scan# 917

Delta R.T. 0.09 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

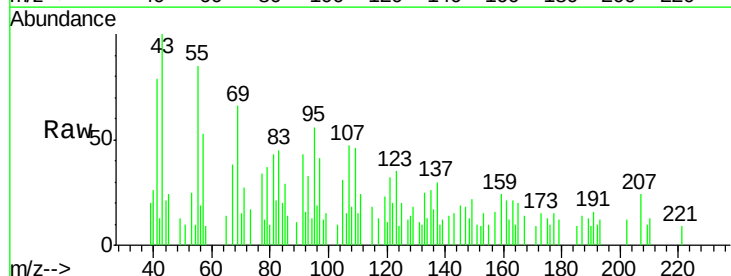
Tgt Ion:202 Resp: 509

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

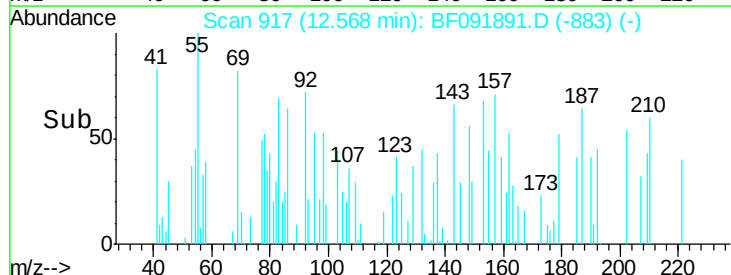
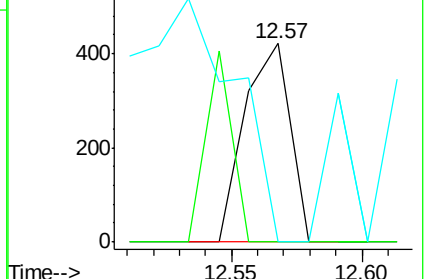
203 0.0 0.0 38.7

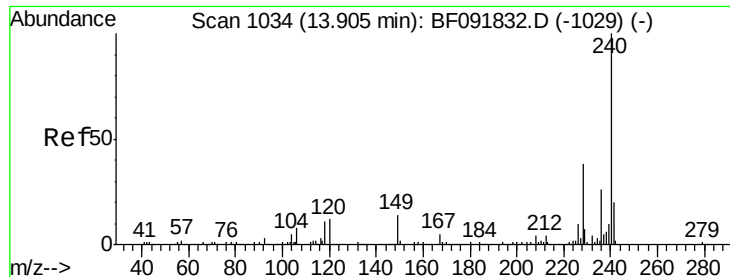


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

Instrument :

BNA_F

ClientSampleId :

MW-11A

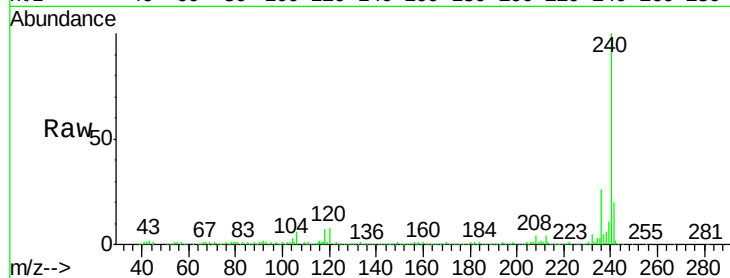
Tgt Ion:240 Resp: 307795

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

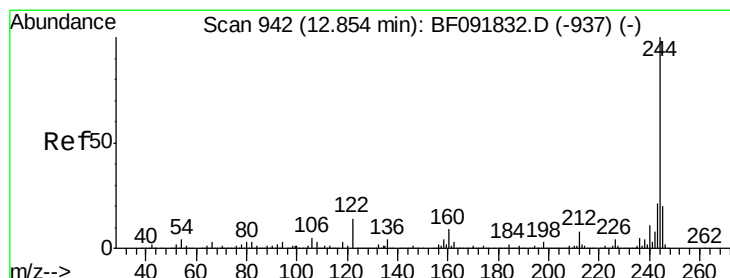
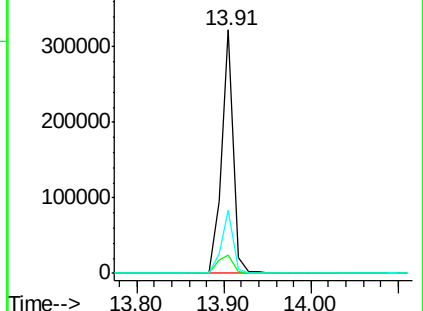
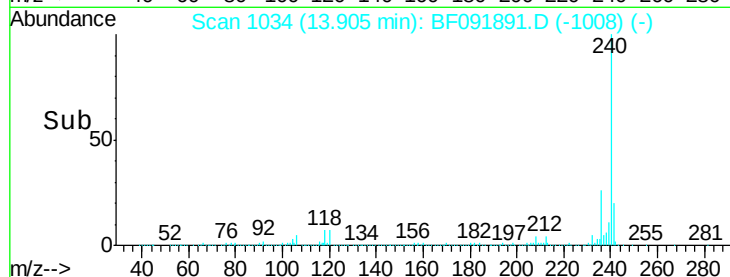
236 26.2 20.9 31.3



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: 91.93 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091891.D

Acq: 22 Dec 2016 17:35

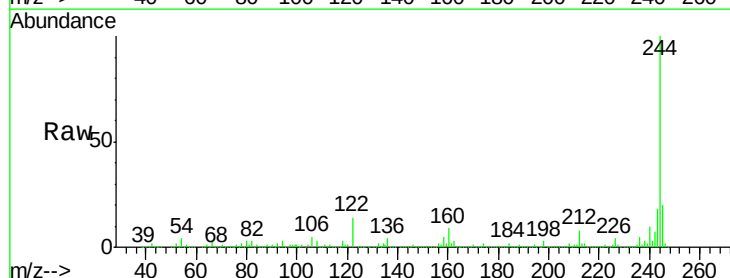
Tgt Ion:244 Resp: 1166762

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

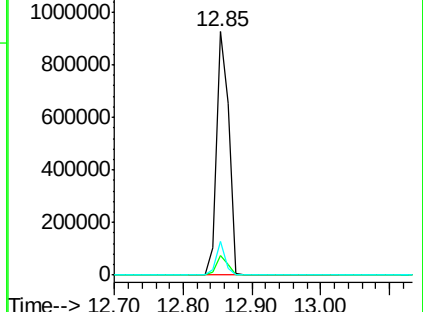
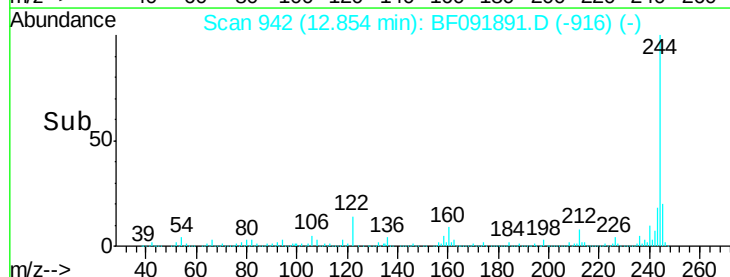
122 13.9 11.4 17.2

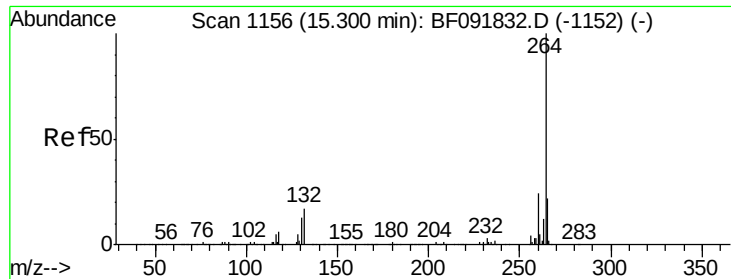


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091891.D
Acq: 22 Dec 2016 17:35

Instrument :
BNA_F
ClientSampleId :
MW-11A

Tgt Ion: 264 Resp: 262542
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.4 17.4 26.0

