

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091519.D
 Acq On : 8 Dec 2016 22:57
 Operator : UM/SJ
 Sample : H5917-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Quant Time: Dec 09 00:11:25 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

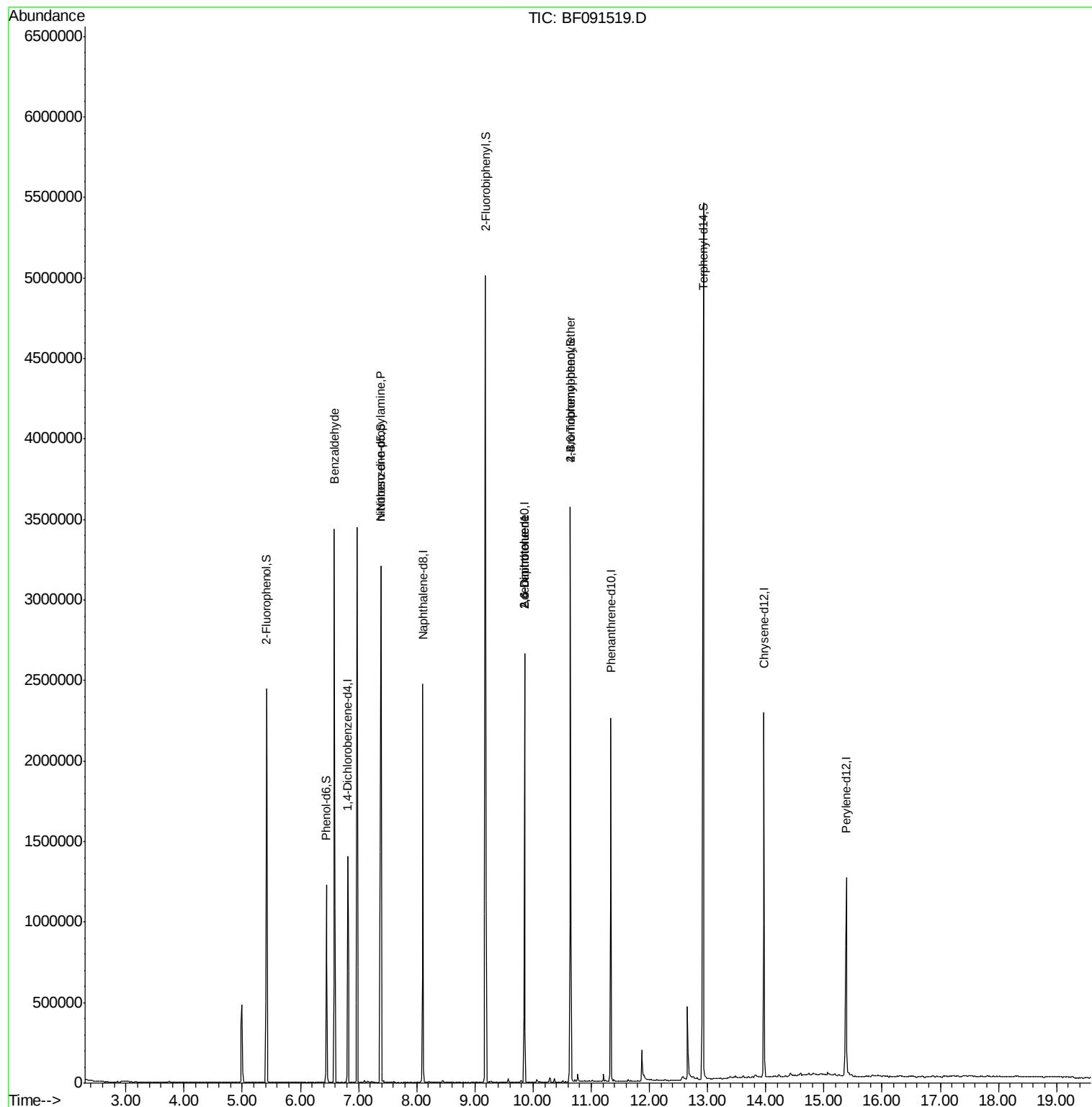
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	228007	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	1038133	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	550643	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	990319	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	869181	20.00	ng	-0.07
86) Perylene-d12	15.39	264	610705	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	532831	38.18	ng	-0.05
7) Phenol-d6	6.45	99	447450	26.04	ng	-0.05
23) Nitrobenzene-d5	7.38	82	1053010	56.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	464408	89.09	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1637168	53.83	ng	-0.06
78) Terphenyl-d14	12.93	244	2055970	51.41	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	22924	2.07	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.38	70	147186	13.60	ng	# 74
50) 2,6-Dinitrotoluene	9.85	165	73225	9.83	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	73228	7.58	ng	# 34
66) 4-Bromophenyl-phenylether	10.64	248	28070	2.64	ng	# 1

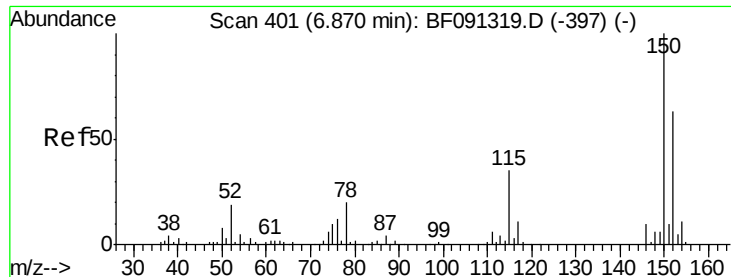
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

Instrument :

BNA_F

ClientSampleId :

URSMW-08

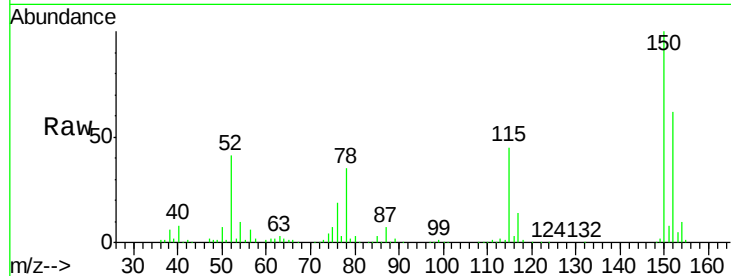
Tgt Ion:152 Resp: 228007

Ion Ratio Lower Upper

152 100

150 160.9 122.5 183.7

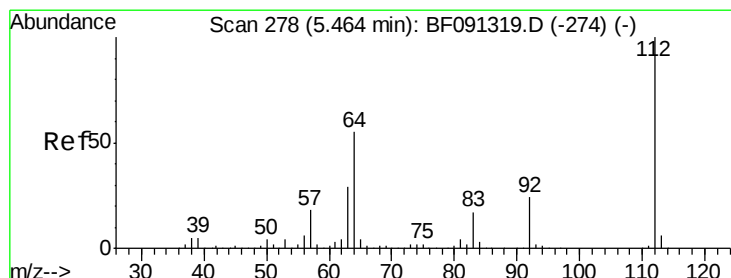
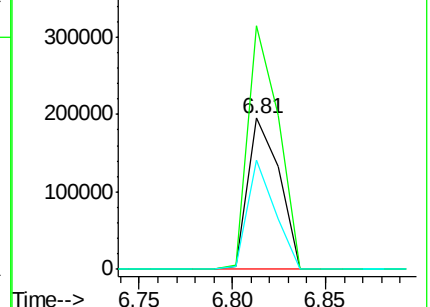
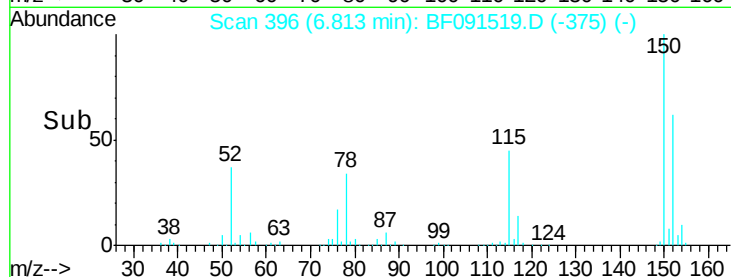
115 71.9 51.8 77.8



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: 38.18 ng

RT: 5.42 min Scan# 274

Delta R.T. -0.05 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

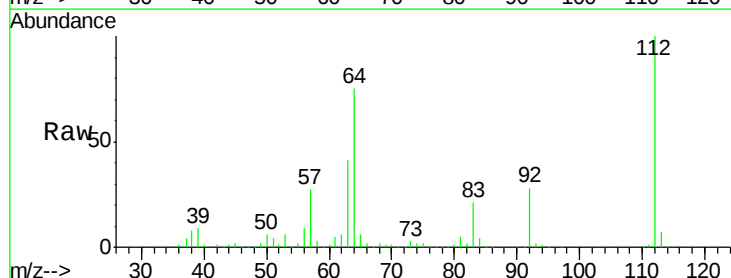
Tgt Ion:112 Resp: 532831

Ion Ratio Lower Upper

112 100

64 75.4 61.5 92.3

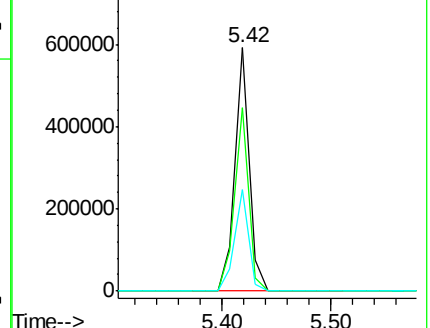
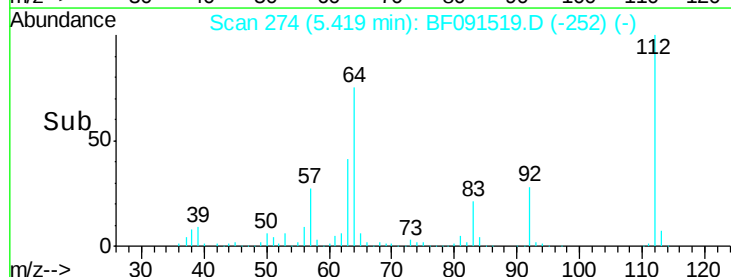
63 41.5 33.3 49.9

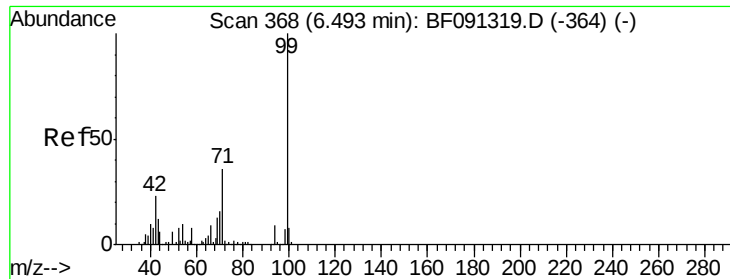


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.04 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.05 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

Instrument :

BNA_F

ClientSampleId :

URSMW-08

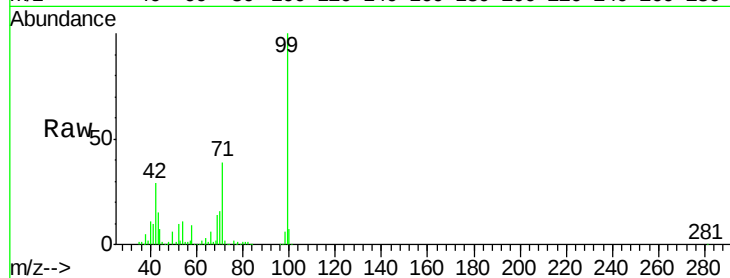
Tgt Ion: 99 Resp: 447450

Ion Ratio Lower Upper

99 100

42 28.5 20.6 31.0

71 38.9 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

6.45

400000

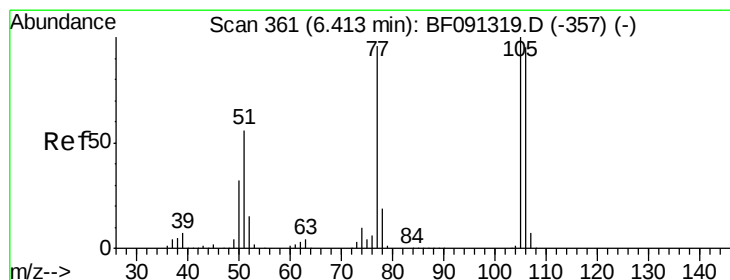
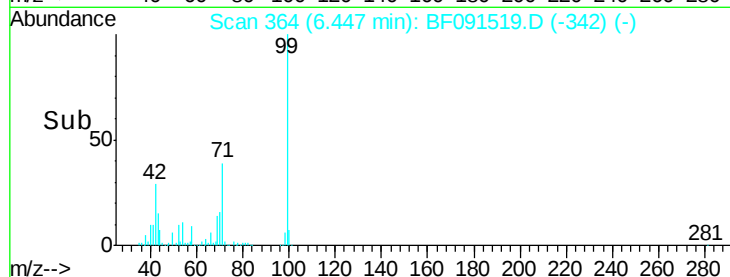
300000

200000

100000

0

Time-->



#9

Benzaldehyde

Concen: 2.07 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

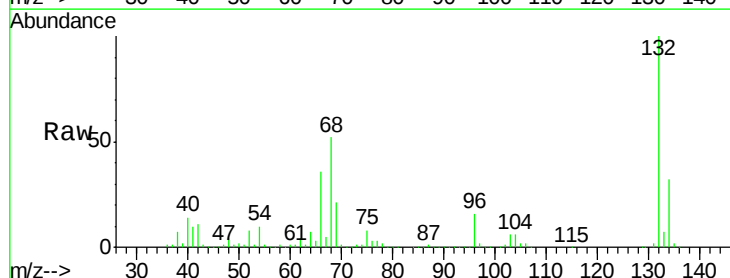
Tgt Ion: 77 Resp: 22924

Ion Ratio Lower Upper

77 100

105 73.5 66.4 106.4

106 64.9 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.58

30000

25000

20000

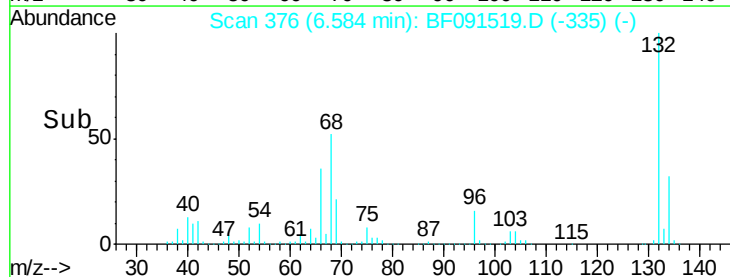
15000

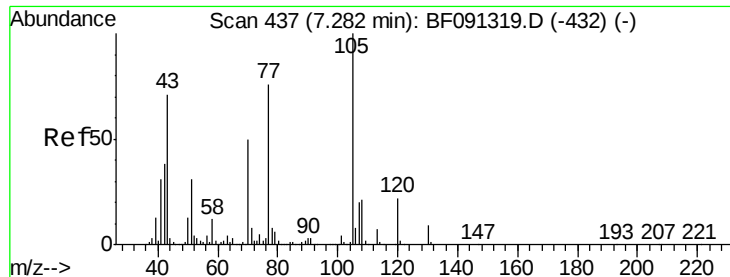
10000

5000

0

Time-->

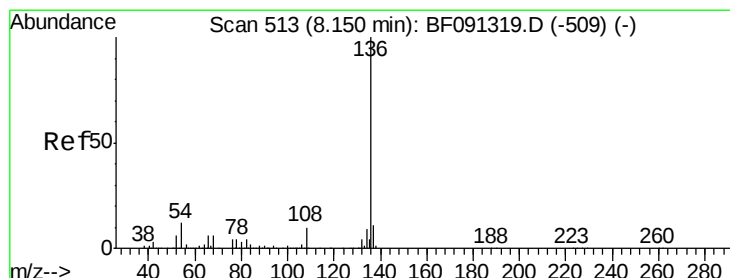
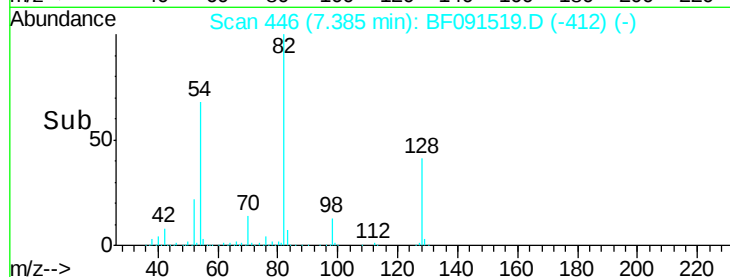
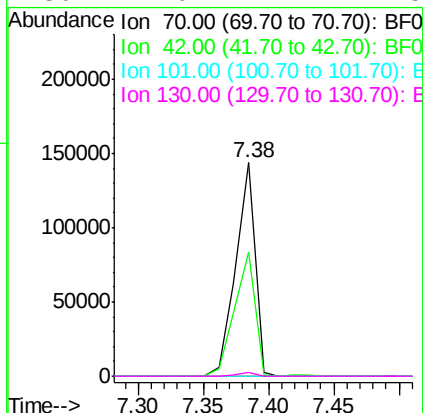
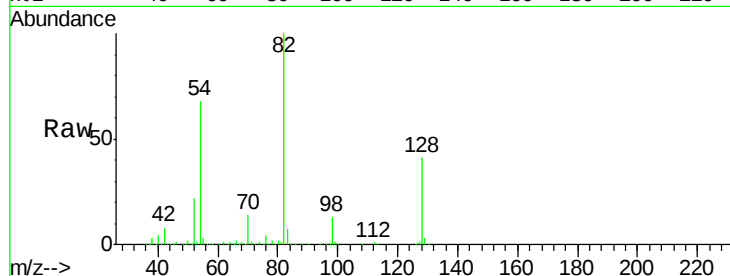




#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

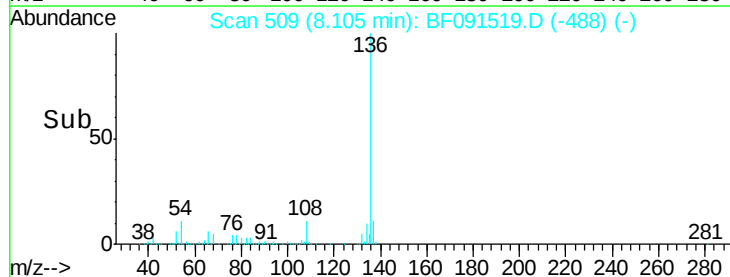
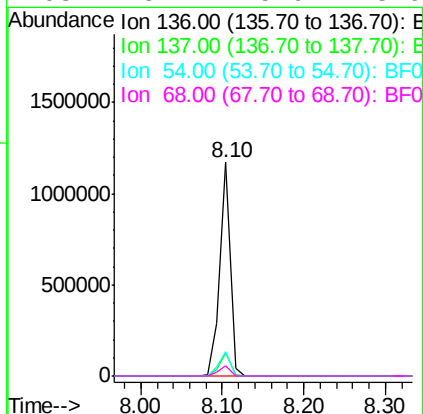
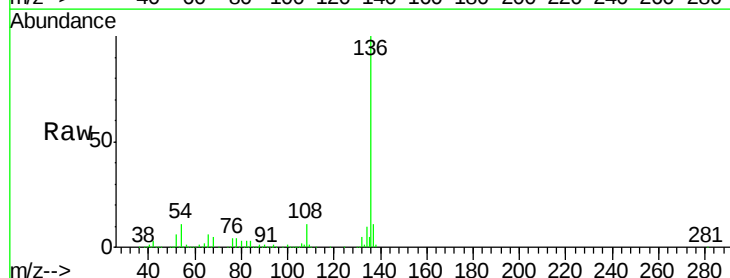
Instrument :
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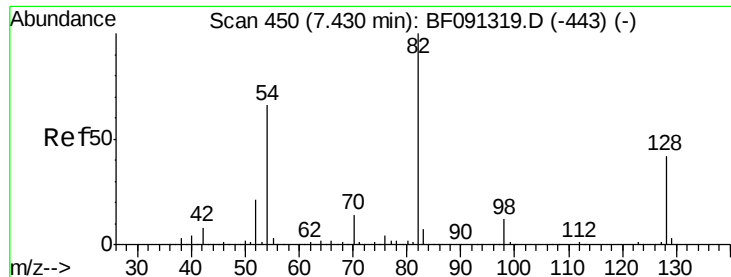
Tgt Ion: 70 Resp: 147186
Ion Ratio Lower Upper
70 100
42 58.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

Tgt Ion:136 Resp: 1038133
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 11.2 9.1 13.7
68 5.1 5.9 8.9#

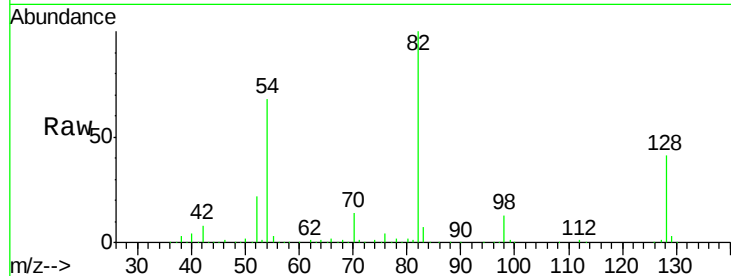




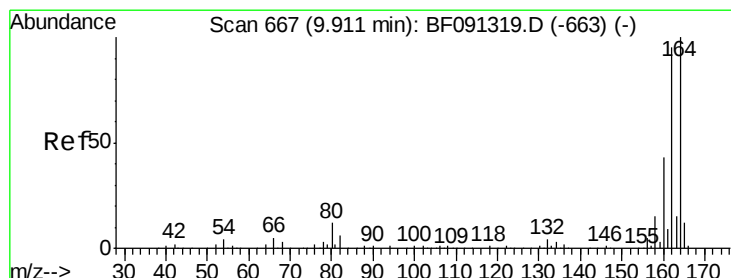
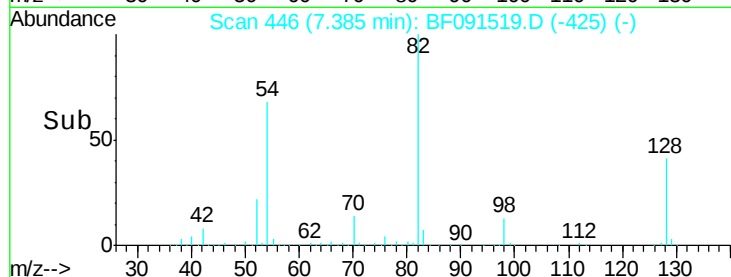
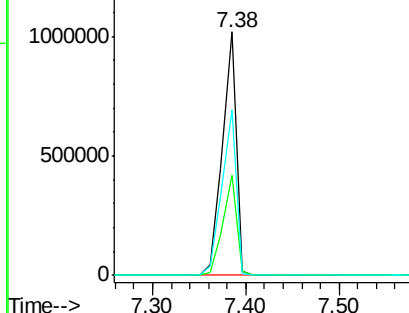
#23
 Nitrobenzene-d5
 Concen: 56.84 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF091519.D
 Acq: 8 Dec 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Tgt Ion: 82 Resp: 1053010
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 67.9 49.1 73.7

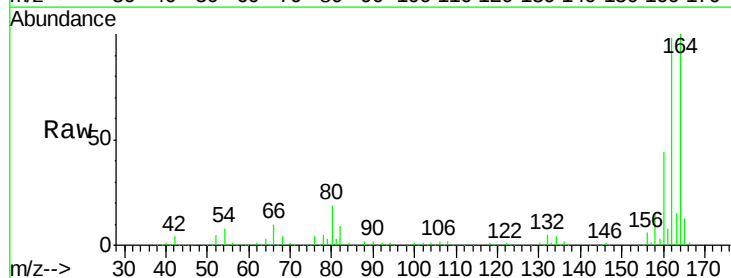


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

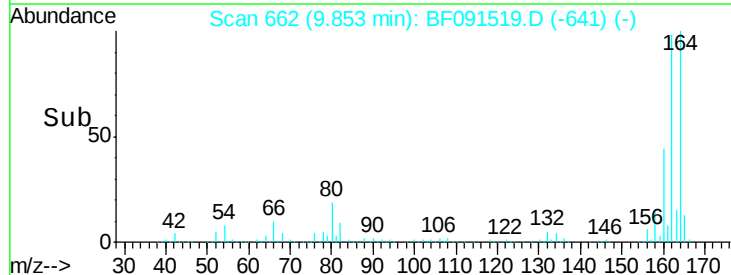
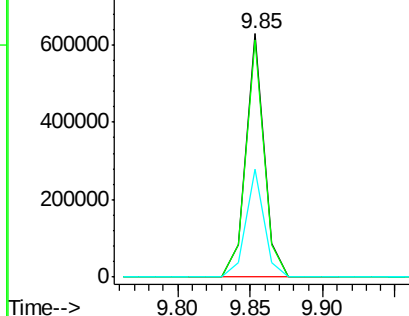


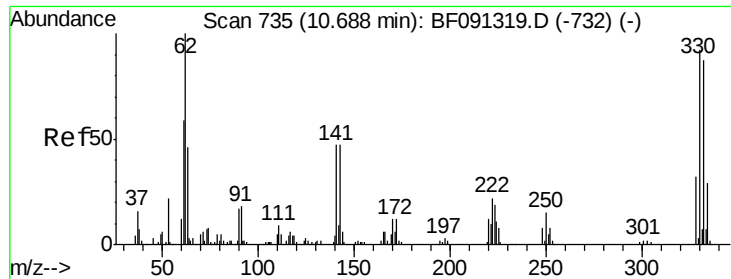
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091519.D
 Acq: 8 Dec 2016 22:57

Tgt Ion: 164 Resp: 550643
 Ion Ratio Lower Upper
 164 100
 162 97.5 82.6 124.0
 160 44.1 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

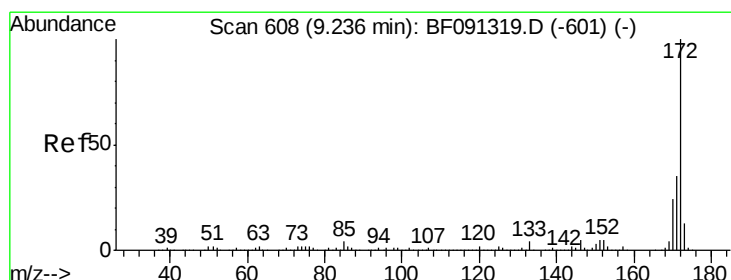
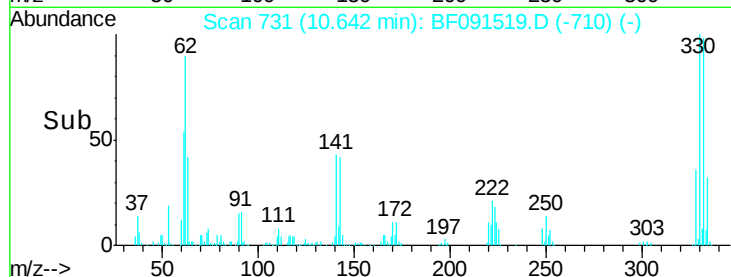
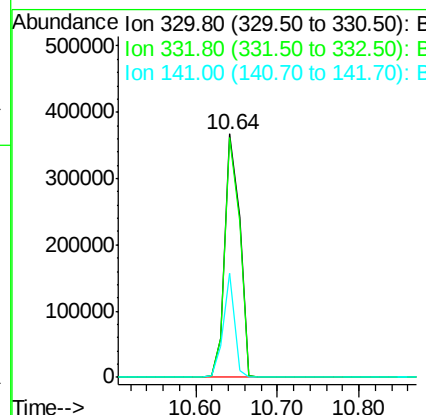
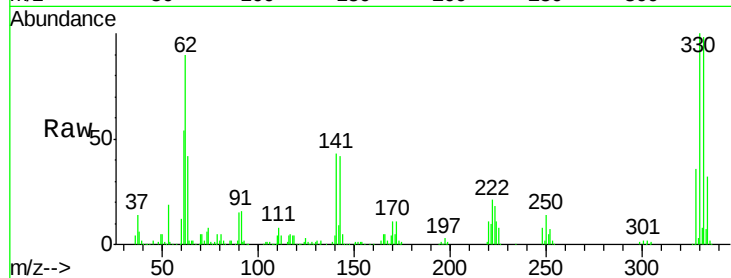




#41
 2,4,6-Tribromophenol
 Concen: 89.09 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091519.D
 Acq: 8 Dec 2016 22:57

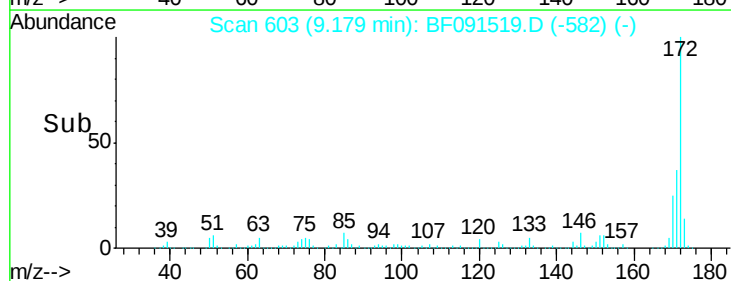
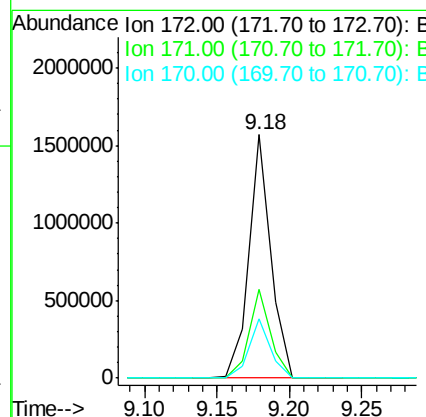
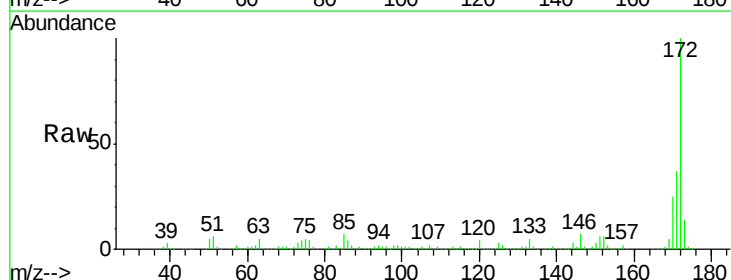
Instrument :
 BNA_F
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 URSMW-08

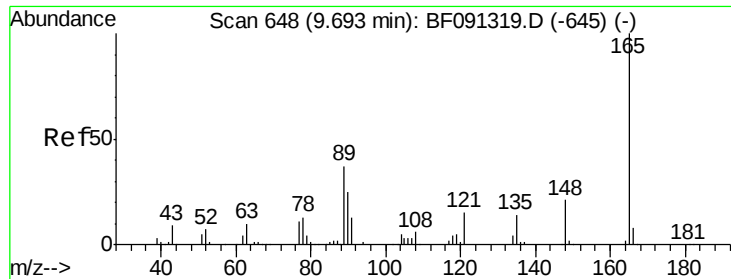
Tgt Ion:330 Resp: 464408
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 32.4 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 53.83 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091519.D
 Acq: 8 Dec 2016 22:57

Tgt Ion:172 Resp: 1637168
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 19.7 29.5

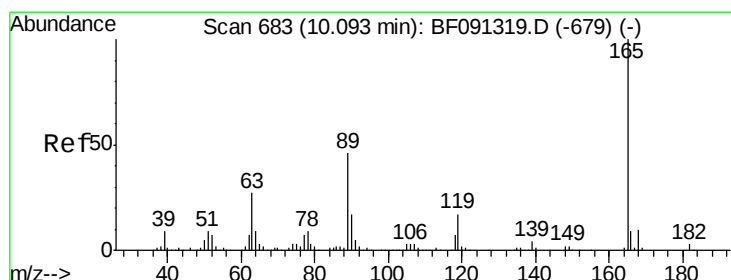
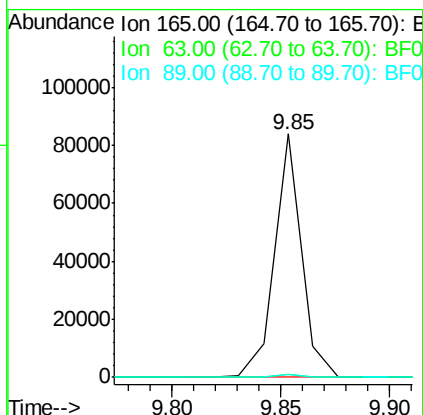
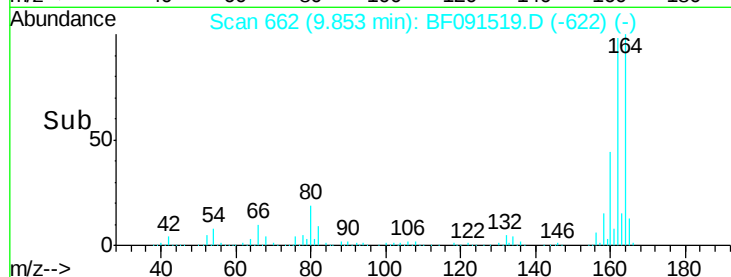
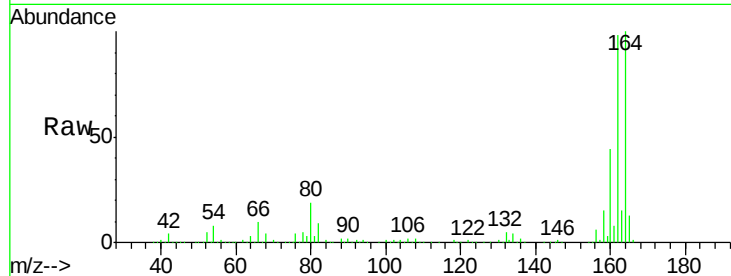




#50
2,6-Dinitrotoluene
Concen: 9.83 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

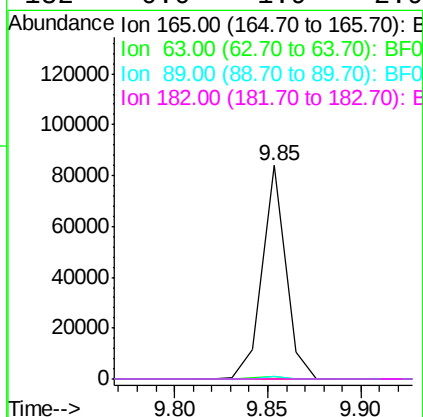
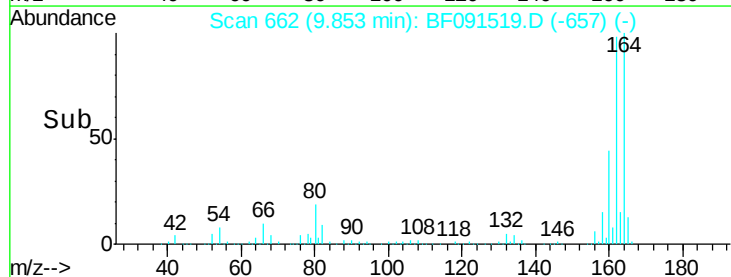
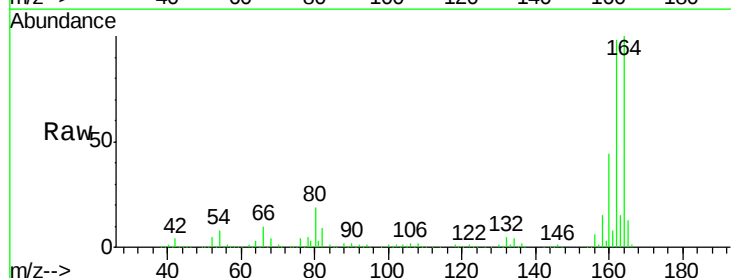
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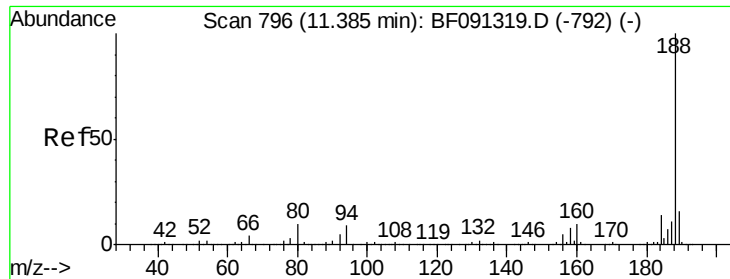
Tgt Ion:165 Resp: 73225
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.0#
89 1.3 50.8 76.2#



#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

Tgt Ion:165 Resp: 73228
Ion Ratio Lower Upper
165 100
63 1.0 29.0 43.4#
89 1.3 43.1 64.7#
182 0.0 1.9 2.9#

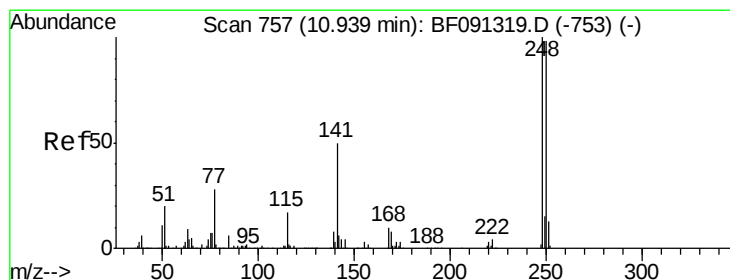
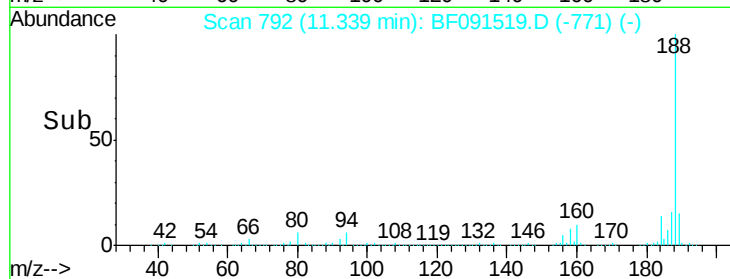
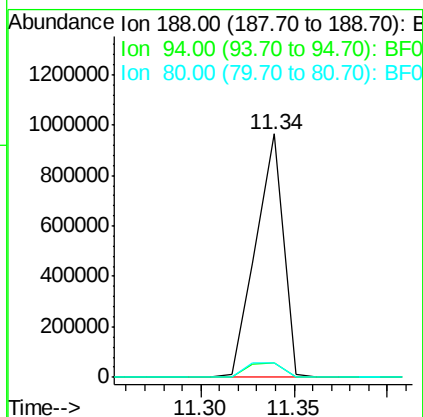
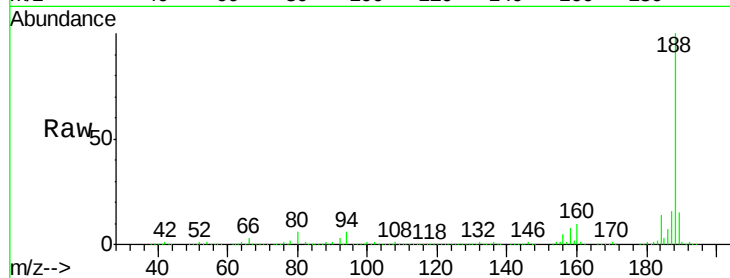




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

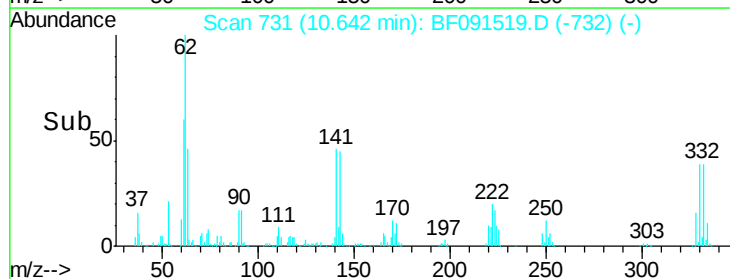
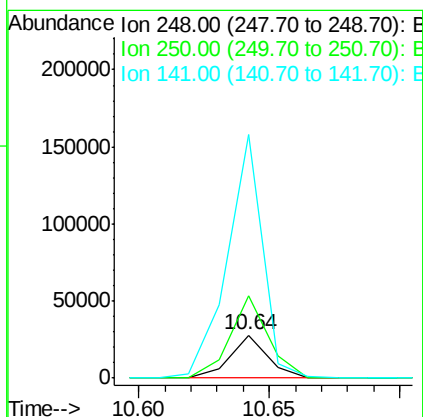
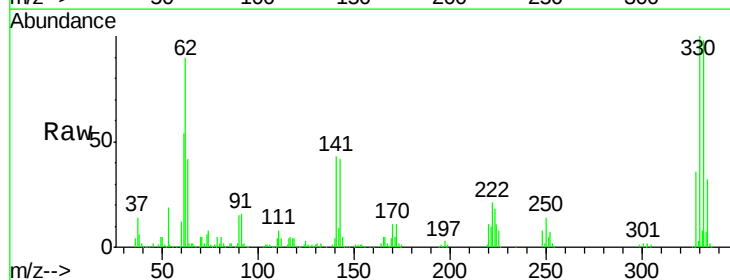
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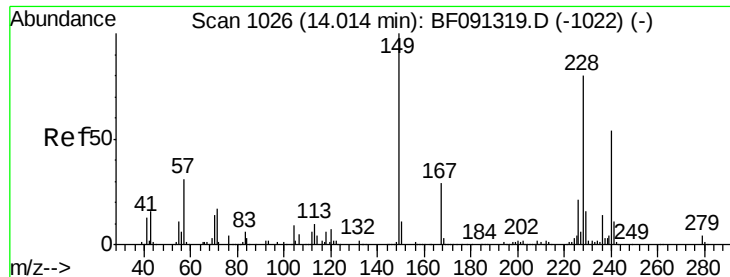
Tgt Ion:188 Resp: 990319
Ion Ratio Lower Upper
188 100
94 5.7 9.2 13.8#
80 6.0 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

Tgt Ion:248 Resp: 28070
Ion Ratio Lower Upper
248 100
250 190.4 78.2 117.4#
141 566.4 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

Instrument :

BNA_F

ClientSampleId :

URSMW-08

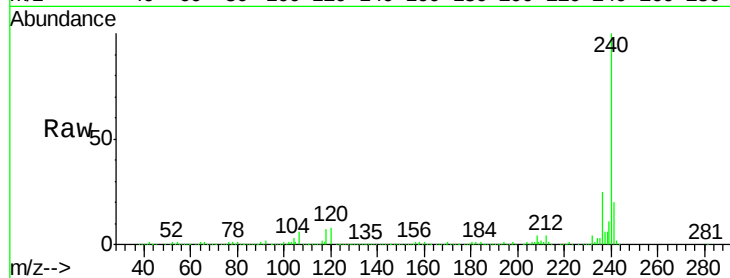
Tgt Ion:240 Resp: 869181

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

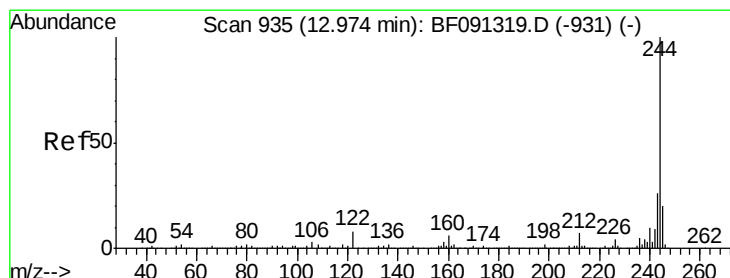
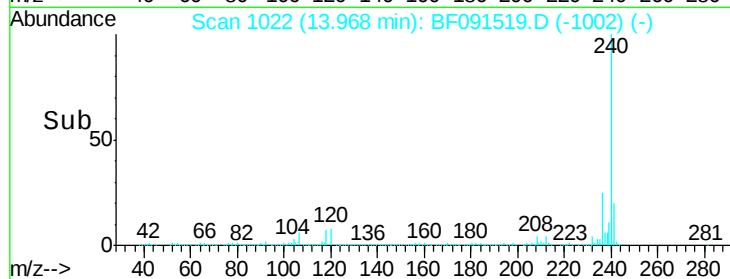
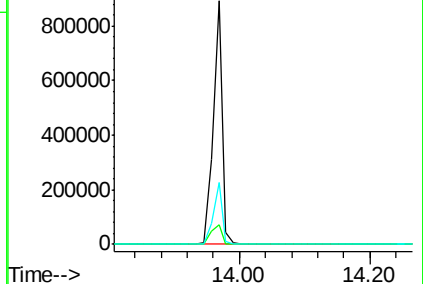
236 25.4 21.0 31.6



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: 51.41 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091519.D

Acq: 8 Dec 2016 22:57

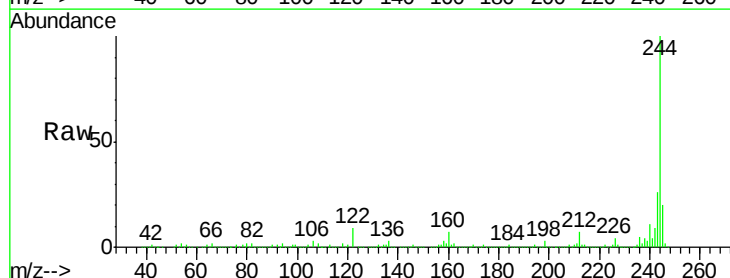
Tgt Ion:244 Resp: 2055970

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

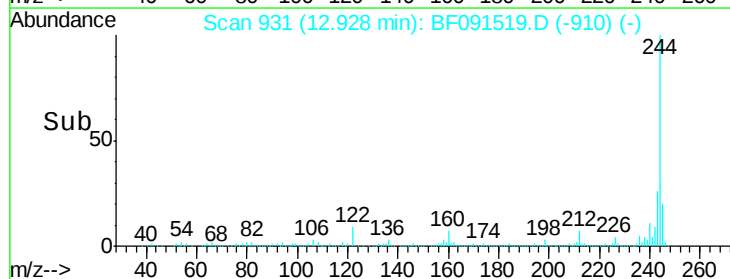
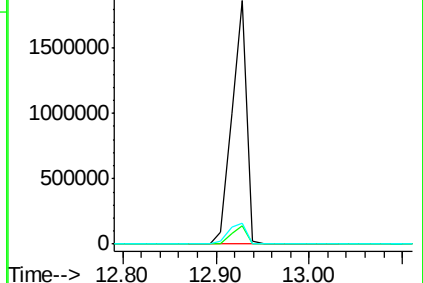
122 8.7 9.5 14.3#

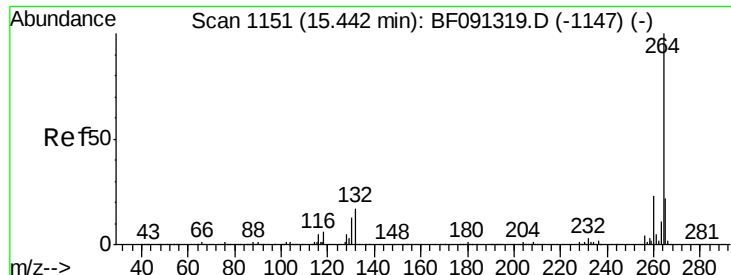


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF091519.D
Acq: 8 Dec 2016 22:57

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion: 264 Resp: 610705
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.8 17.0 25.6

