

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091517.D
 Acq On : 8 Dec 2016 22:02
 Operator : UM/SJ
 Sample : H5886-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Quant Time: Dec 09 00:10:49 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

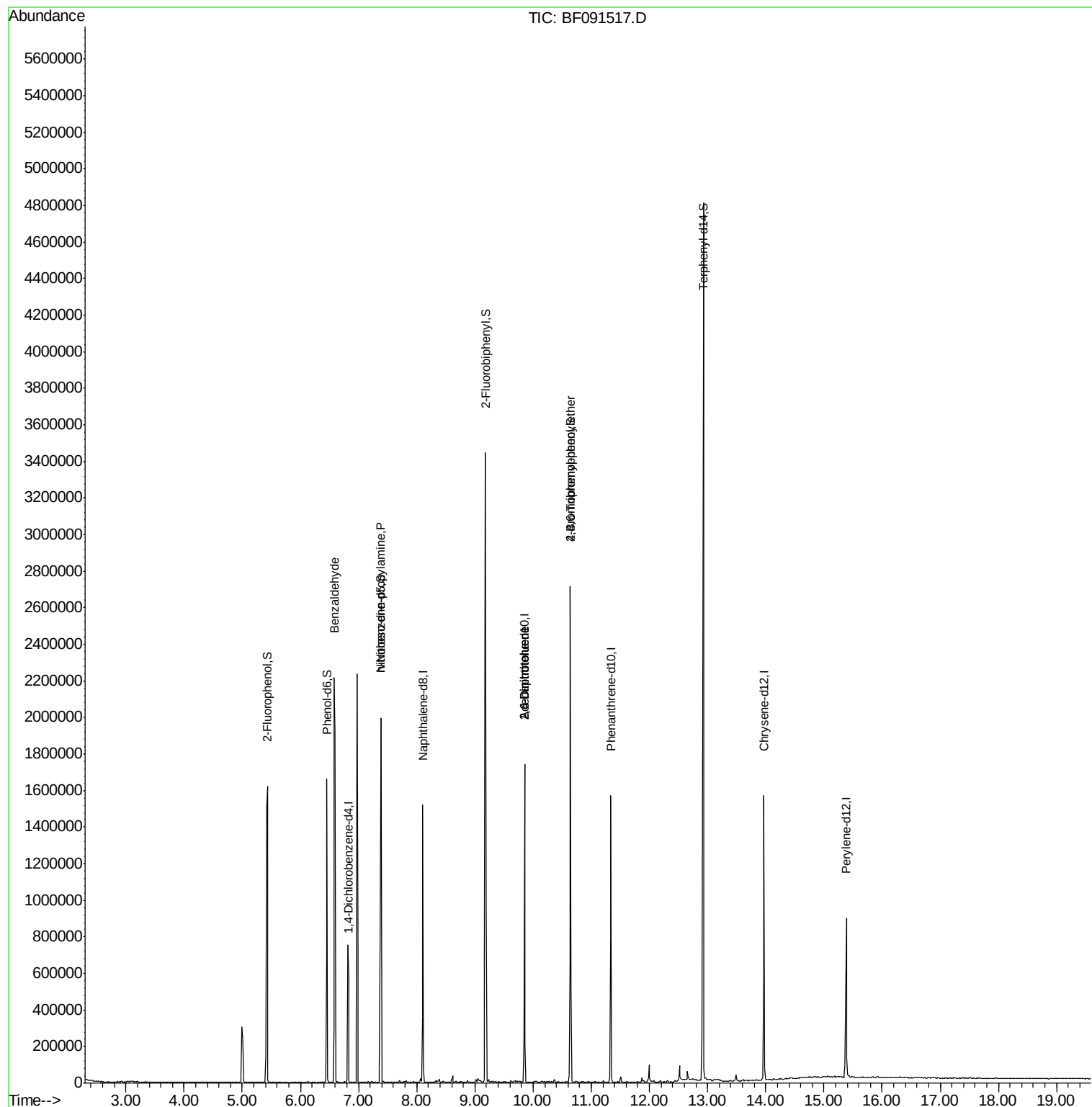
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	146597	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	639317	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	364544	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	692593	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	597152	20.00	ng	-0.07
86) Perylene-d12	15.39	264	420748	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	585231	65.22	ng	-0.04
7) Phenol-d6	6.46	99	526647	47.68	ng	-0.04
23) Nitrobenzene-d5	7.38	82	637085	55.85	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	339350	98.33	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1188738	59.04	ng	-0.06
78) Terphenyl-d14	12.93	244	1722530	62.70	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	19933	2.81	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	89082	12.80	ng	# 74
50) 2,6-Dinitrotoluene	9.85	165	47957	9.72	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	47947	7.49	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	19643	2.64	ng	# 1

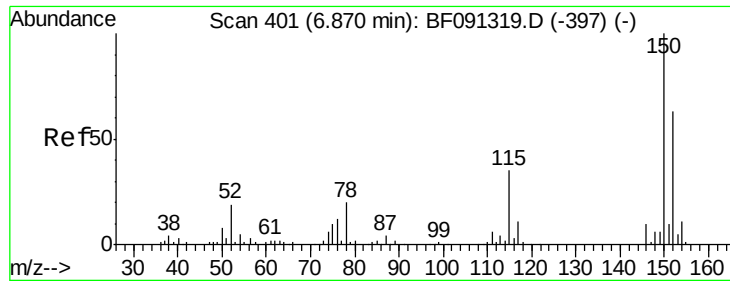
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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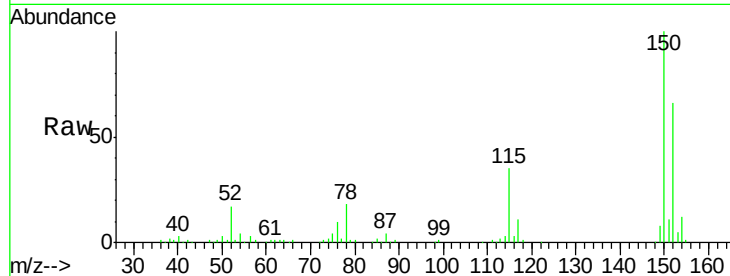


#1

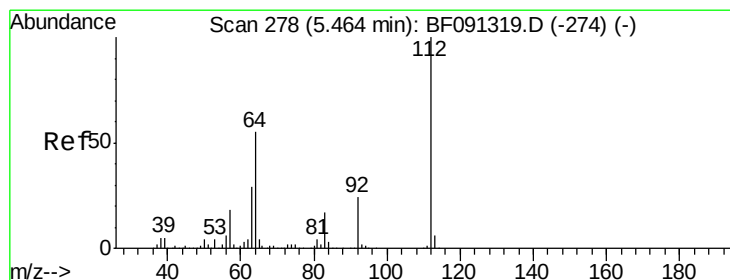
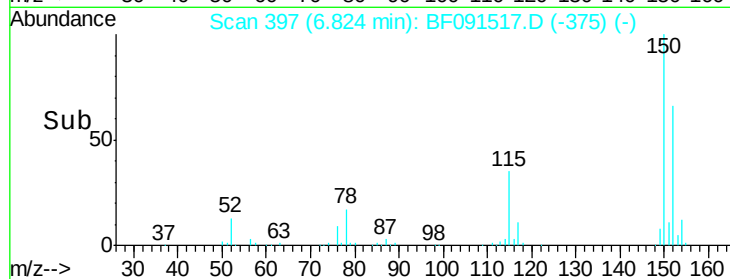
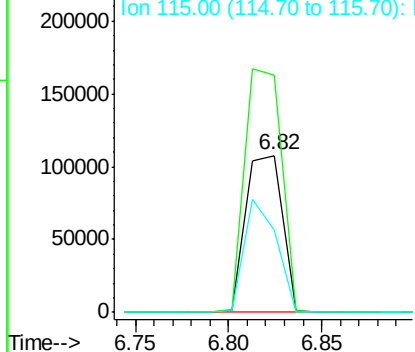
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.05 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:152 Resp: 146597
Ion Ratio Lower Upper
152 100
150 151.2 122.5 183.7
115 52.2 51.8 77.8



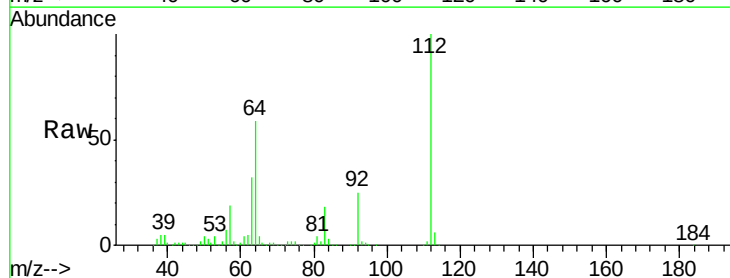
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



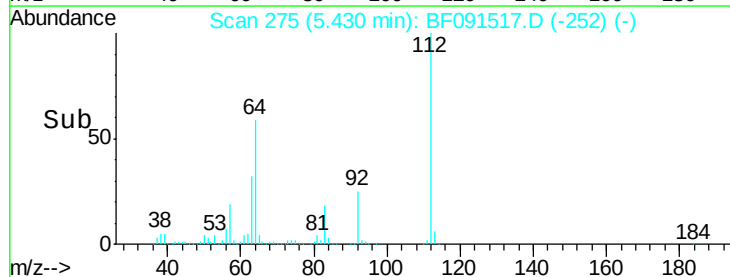
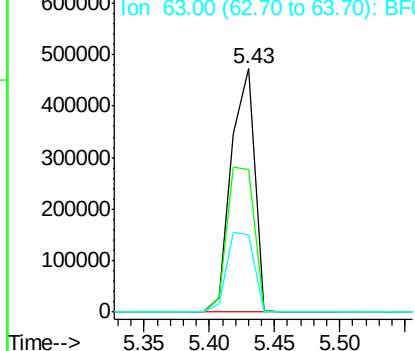
#5

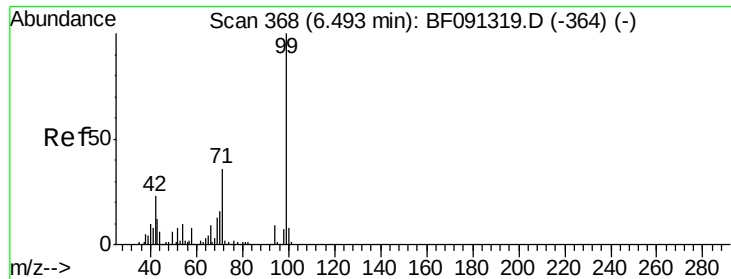
2-Fluorophenol
Concen: 65.22 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:112 Resp: 585231
Ion Ratio Lower Upper
112 100
64 58.6 61.5 92.3#
63 31.9 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: 47.68 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091517.D

Acq: 8 Dec 2016 22:02

Instrument :

BNA_F

ClientSampleId :

URSMW-14

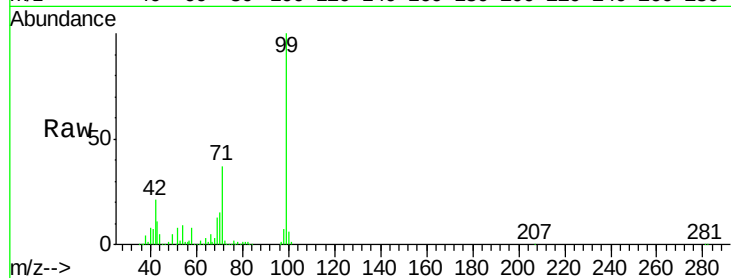
Tgt Ion: 99 Resp: 526647

Ion Ratio Lower Upper

99 100

42 21.3 20.6 31.0

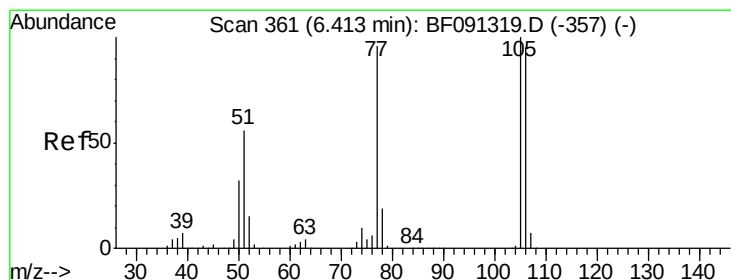
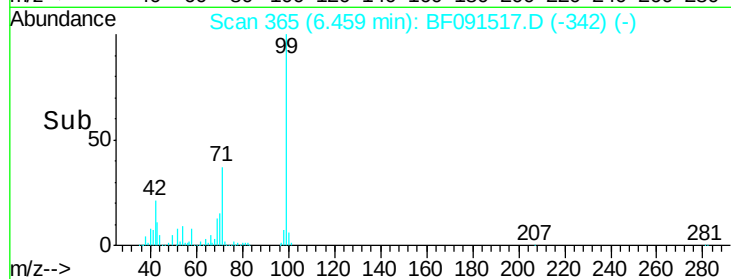
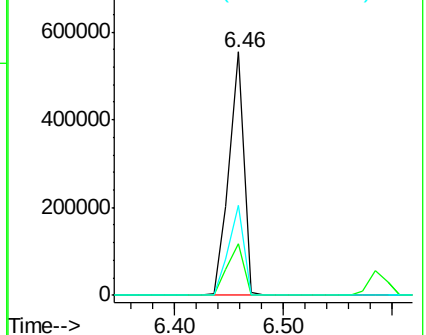
71 36.9 29.9 44.9



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



#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091517.D

Acq: 8 Dec 2016 22:02

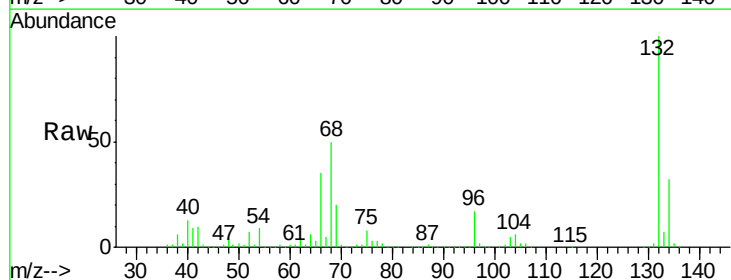
Tgt Ion: 77 Resp: 19933

Ion Ratio Lower Upper

77 100

105 73.8 66.4 106.4

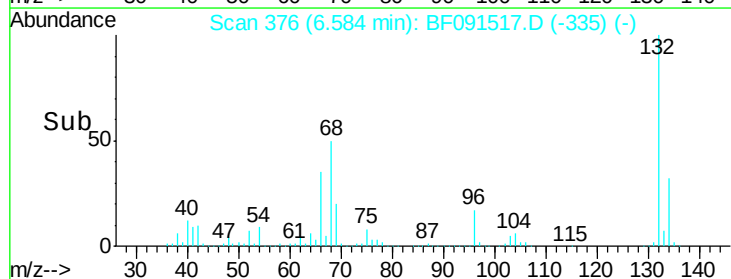
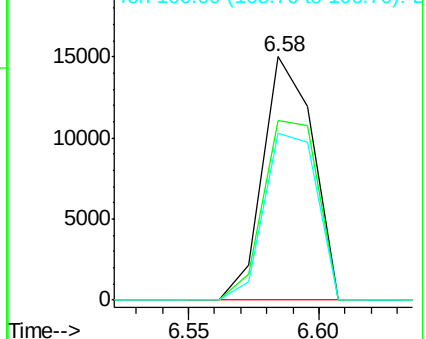
106 68.3 60.9 100.9

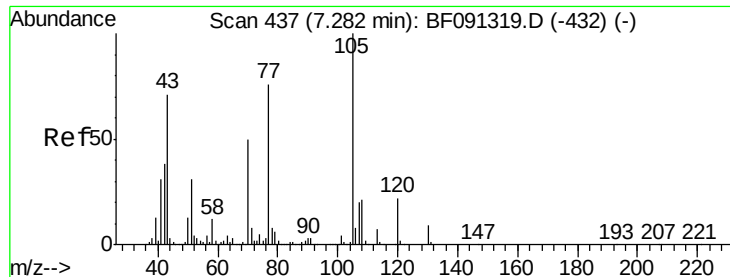


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

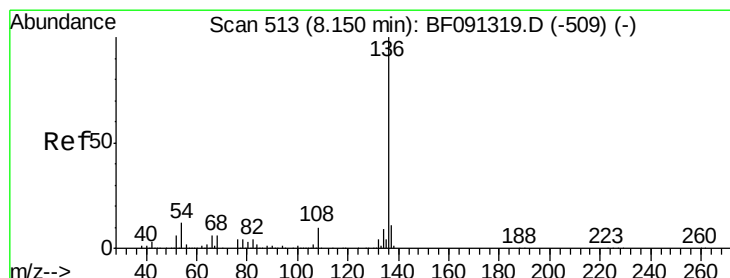
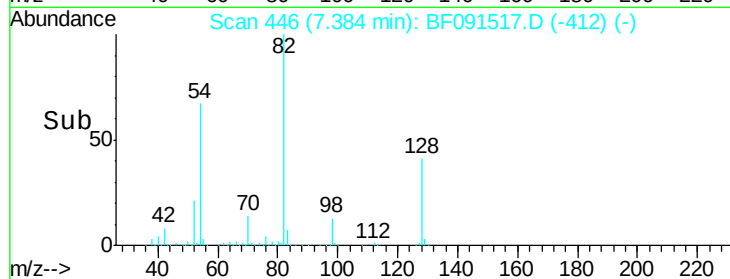
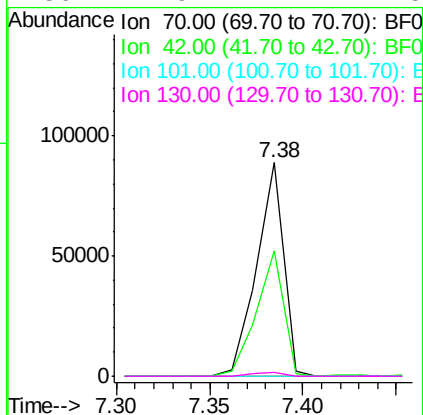
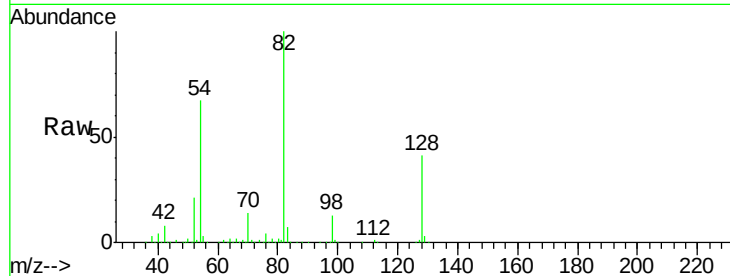




#19
n-Nitroso-di-n-propylamine
Concen: 12.80 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

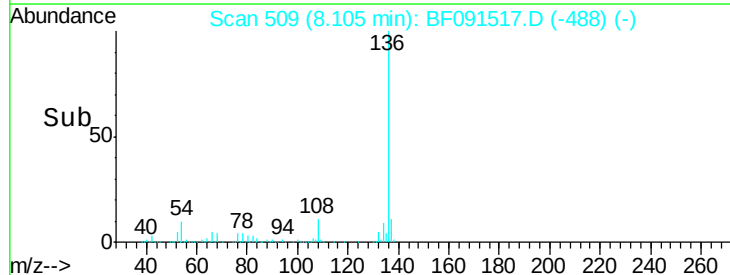
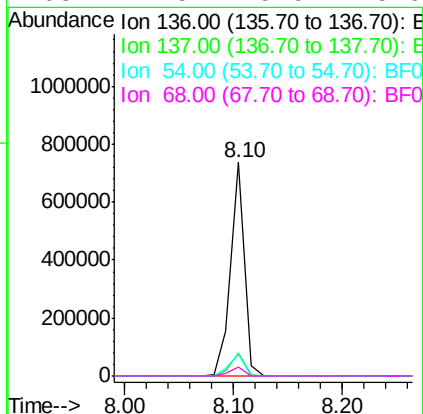
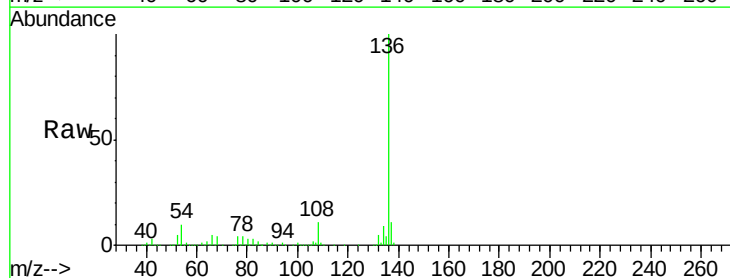
Instrument :
BNA_F
ClientSampleId :
URSMW-14

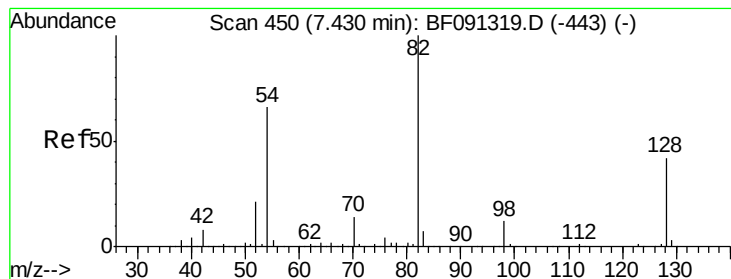
Tgt Ion: 70 Resp: 89082
Ion Ratio Lower Upper
70 100
42 58.5 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion: 136 Resp: 639317
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.5 9.1 13.7
68 4.5 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 55.85 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF091517.D

Acq: 8 Dec 2016 22:02

Instrument :

BNA_F

ClientSampleId :

URSMW-14

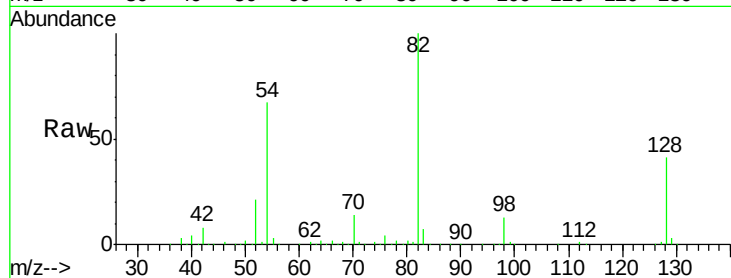
Tgt Ion: 82 Resp: 637085

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

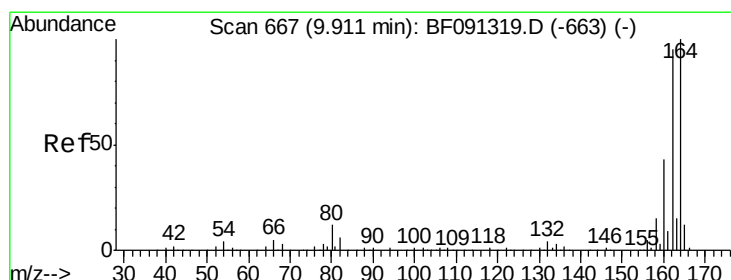
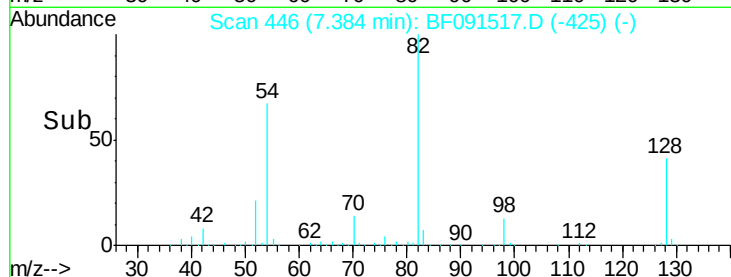
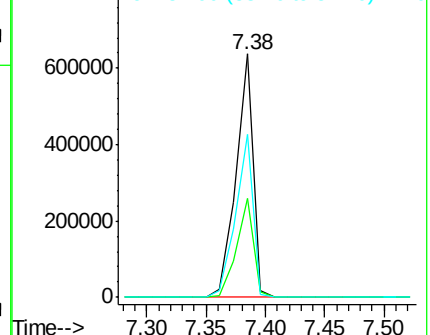
54 67.2 49.1 73.7



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: BF091517.D

Acq: 8 Dec 2016 22:02

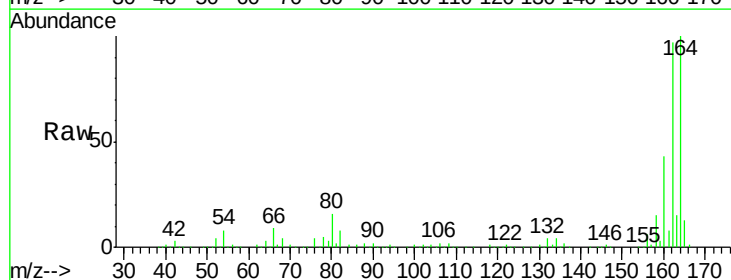
Tgt Ion: 164 Resp: 364544

Ion Ratio Lower Upper

164 100

162 96.9 82.6 124.0

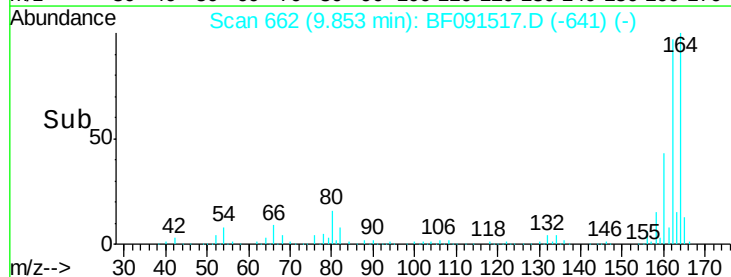
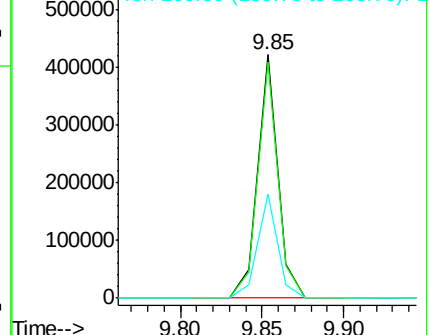
160 42.9 36.7 55.1

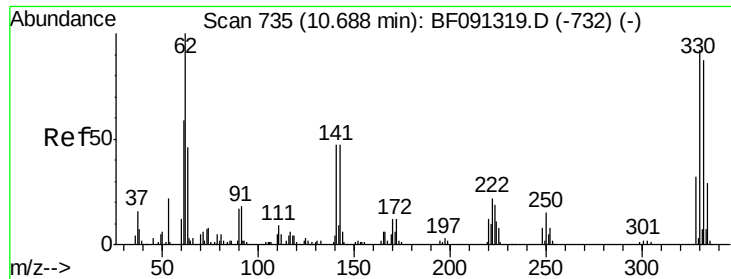


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

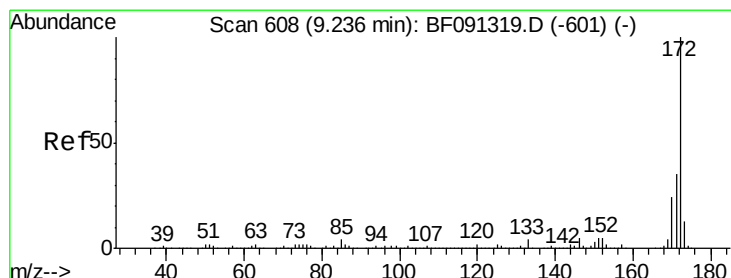
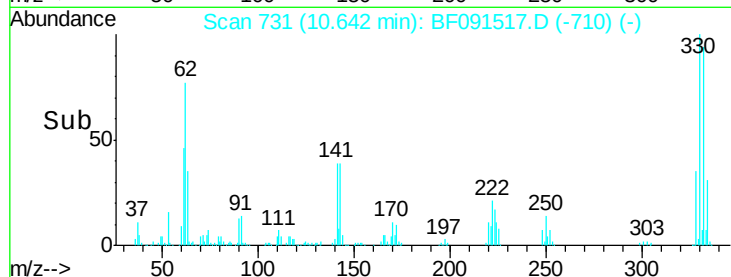
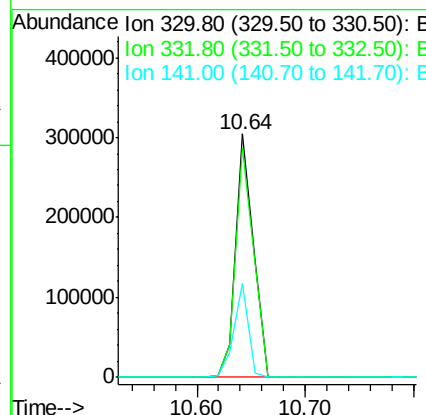
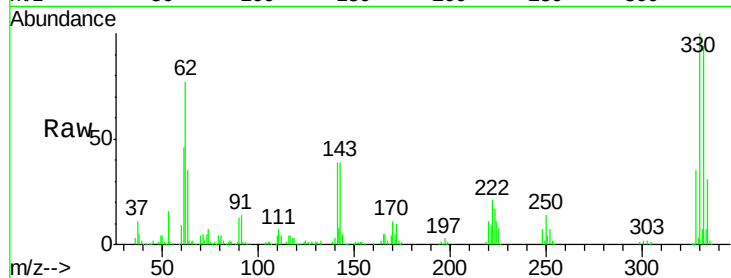




#41
 2,4,6-Tribromophenol
 Concen: 98.33 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091517.D
 Acq: 8 Dec 2016 22:02

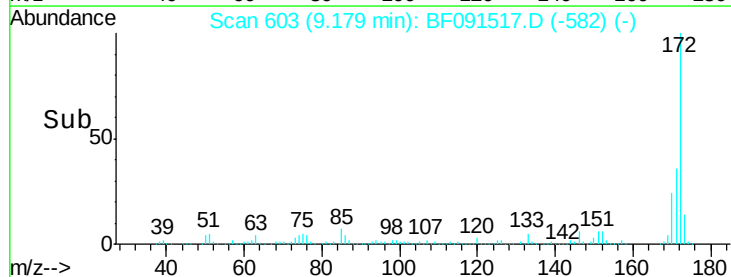
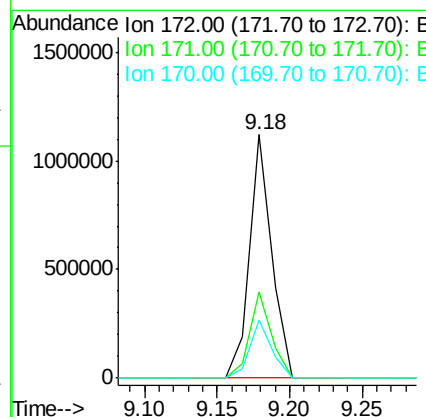
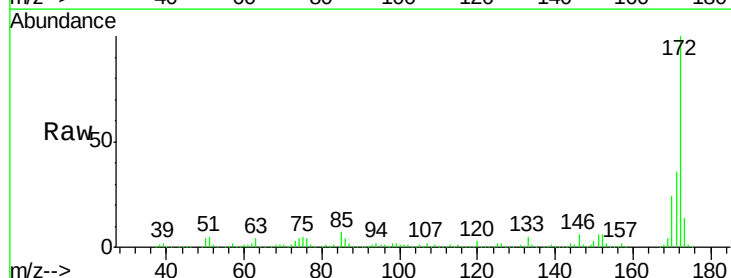
Instrument :
 BNA_F
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 URSMW-14

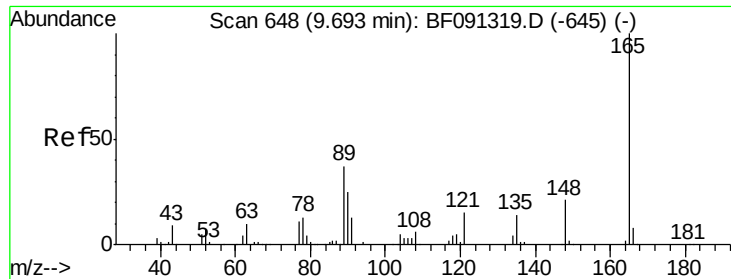
Tgt Ion:330 Resp: 339350
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 31.4 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 59.04 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091517.D
 Acq: 8 Dec 2016 22:02

Tgt Ion:172 Resp: 1188738
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.6 19.7 29.5

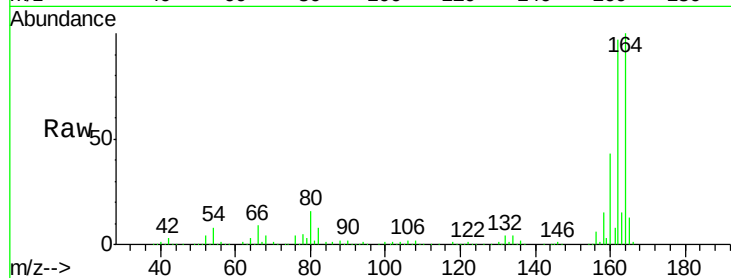




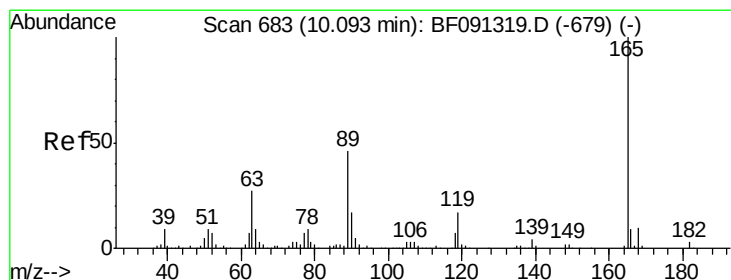
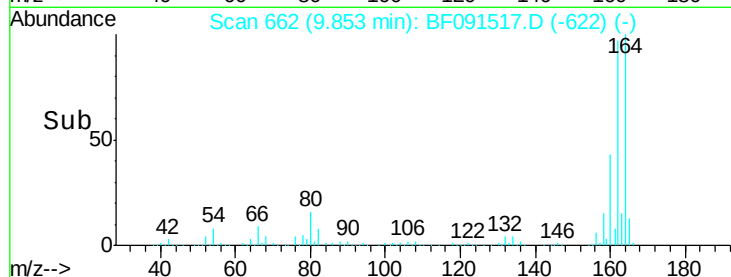
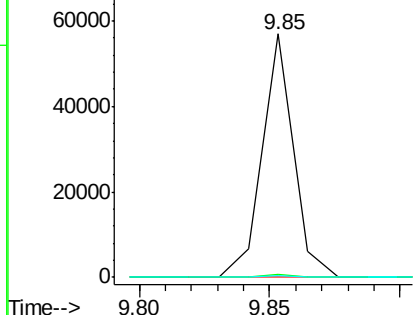
#50
2,6-Dinitrotoluene
Concen: 9.72 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:165 Resp: 47957
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.0#
89 0.8 50.8 76.2#

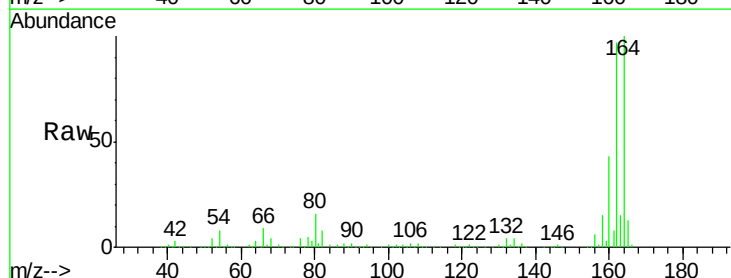


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

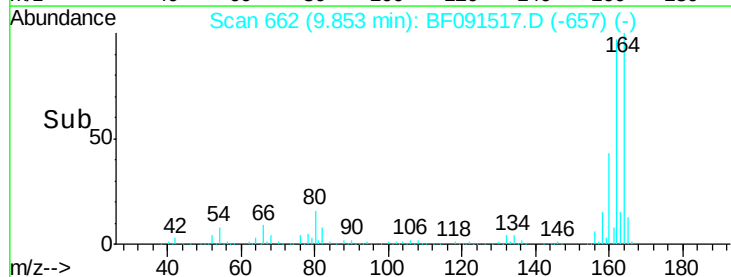
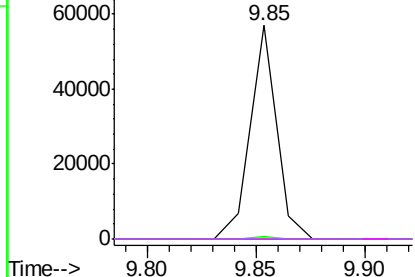


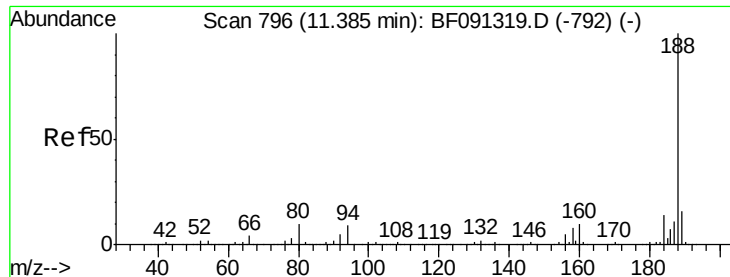
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:165 Resp: 47947
Ion Ratio Lower Upper
165 100
63 1.3 29.0 43.4#
89 0.8 43.1 64.7#
182 0.0 1.9 2.9#



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

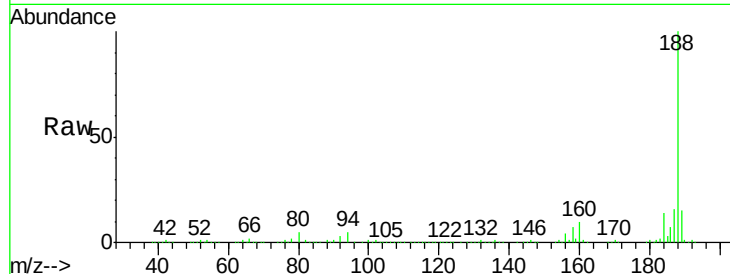




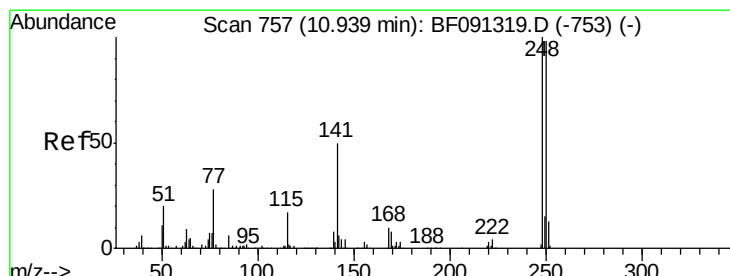
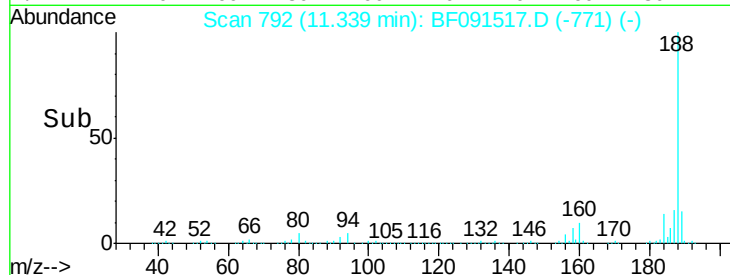
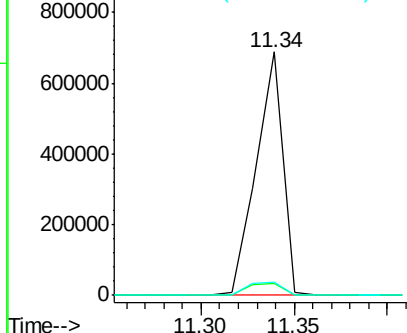
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF091517.D
 Acq: 8 Dec 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Tgt Ion:188 Resp: 692593
 Ion Ratio Lower Upper
 188 100
 94 5.1 9.2 13.8#
 80 5.2 10.5 15.7#

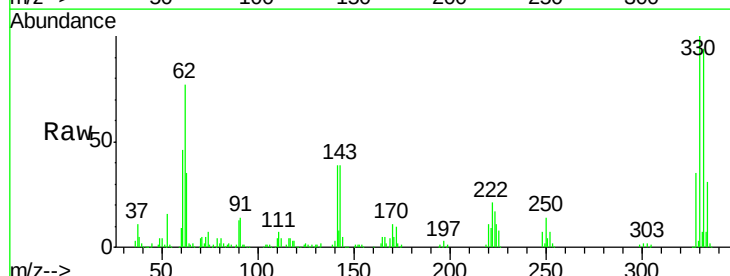


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

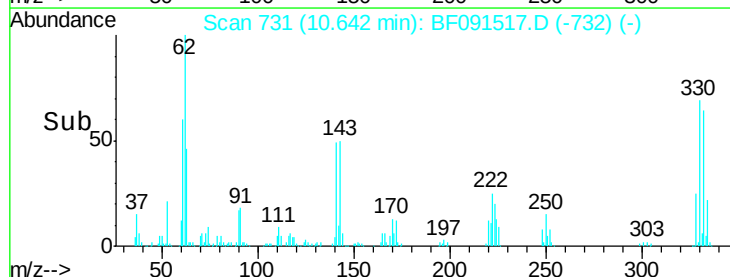
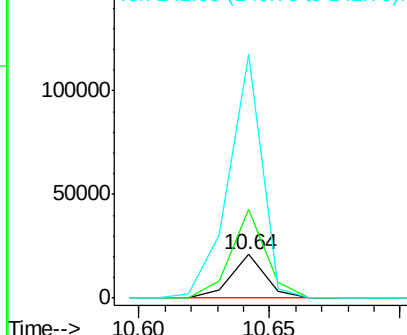


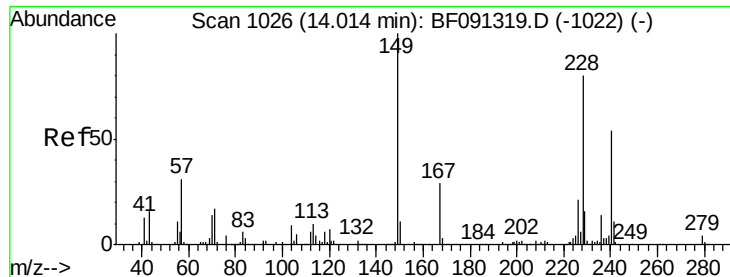
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.31 min
 Lab File: BF091517.D
 Acq: 8 Dec 2016 22:02

Tgt Ion:248 Resp: 19643
 Ion Ratio Lower Upper
 248 100
 250 202.7 78.2 117.4#
 141 555.1 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: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091517.D

Acq: 8 Dec 2016 22:02

Instrument :

BNA_F

ClientSampleId :

URSMW-14

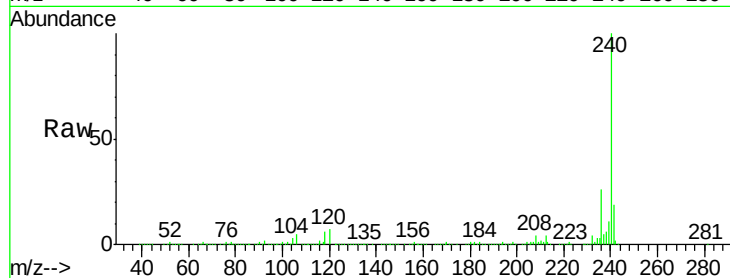
Tgt Ion:240 Resp: 597152

Ion Ratio Lower Upper

240 100

120 6.8 12.1 18.1#

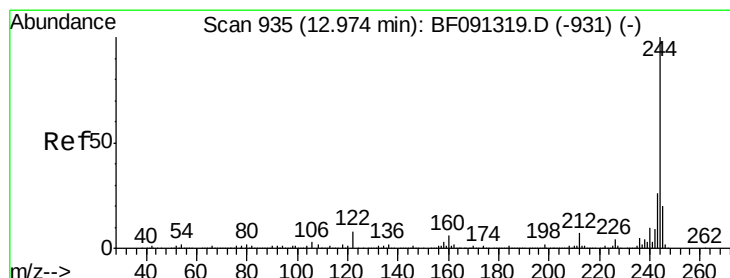
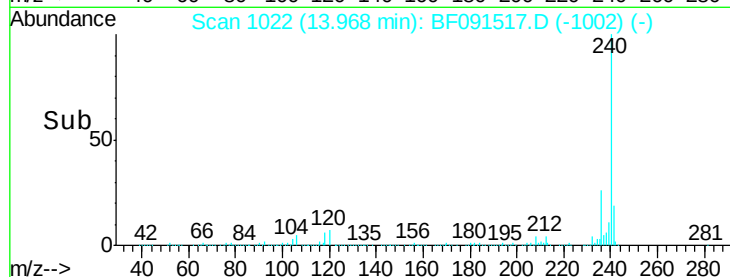
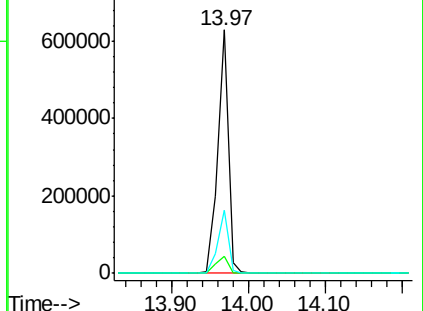
236 25.7 21.0 31.6



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: 62.70 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091517.D

Acq: 8 Dec 2016 22:02

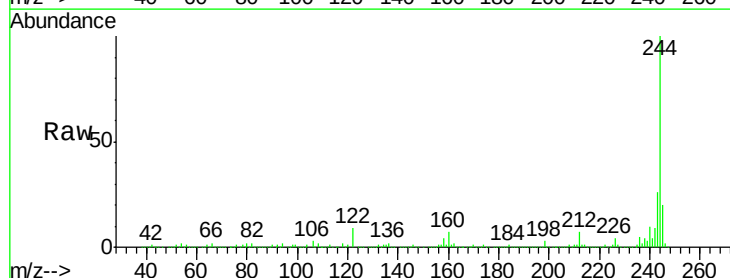
Tgt Ion:244 Resp: 1722530

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

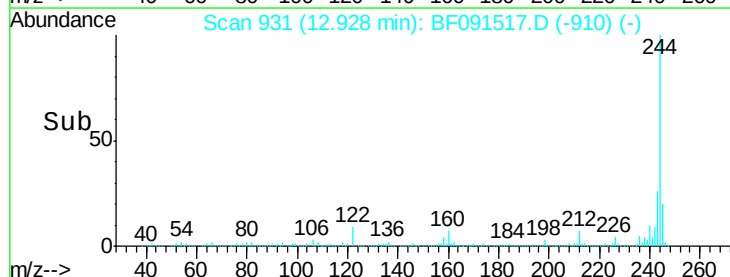
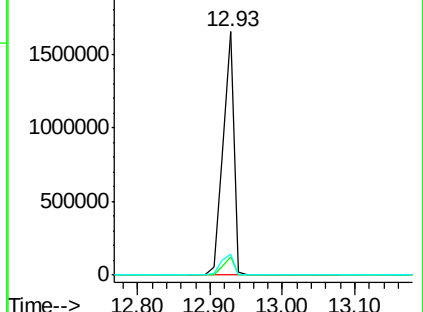
122 8.6 9.5 14.3#

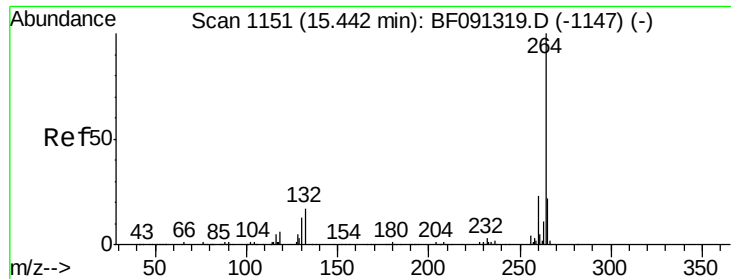


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

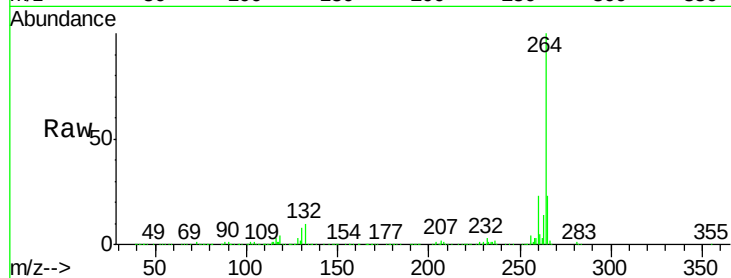




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion: 264 Resp: 420748
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.6 17.0 25.6



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

