

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091521.D
 Acq On : 8 Dec 2016 23:53
 Operator : UM/SJ
 Sample : H5917-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Quant Time: Dec 09 00:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

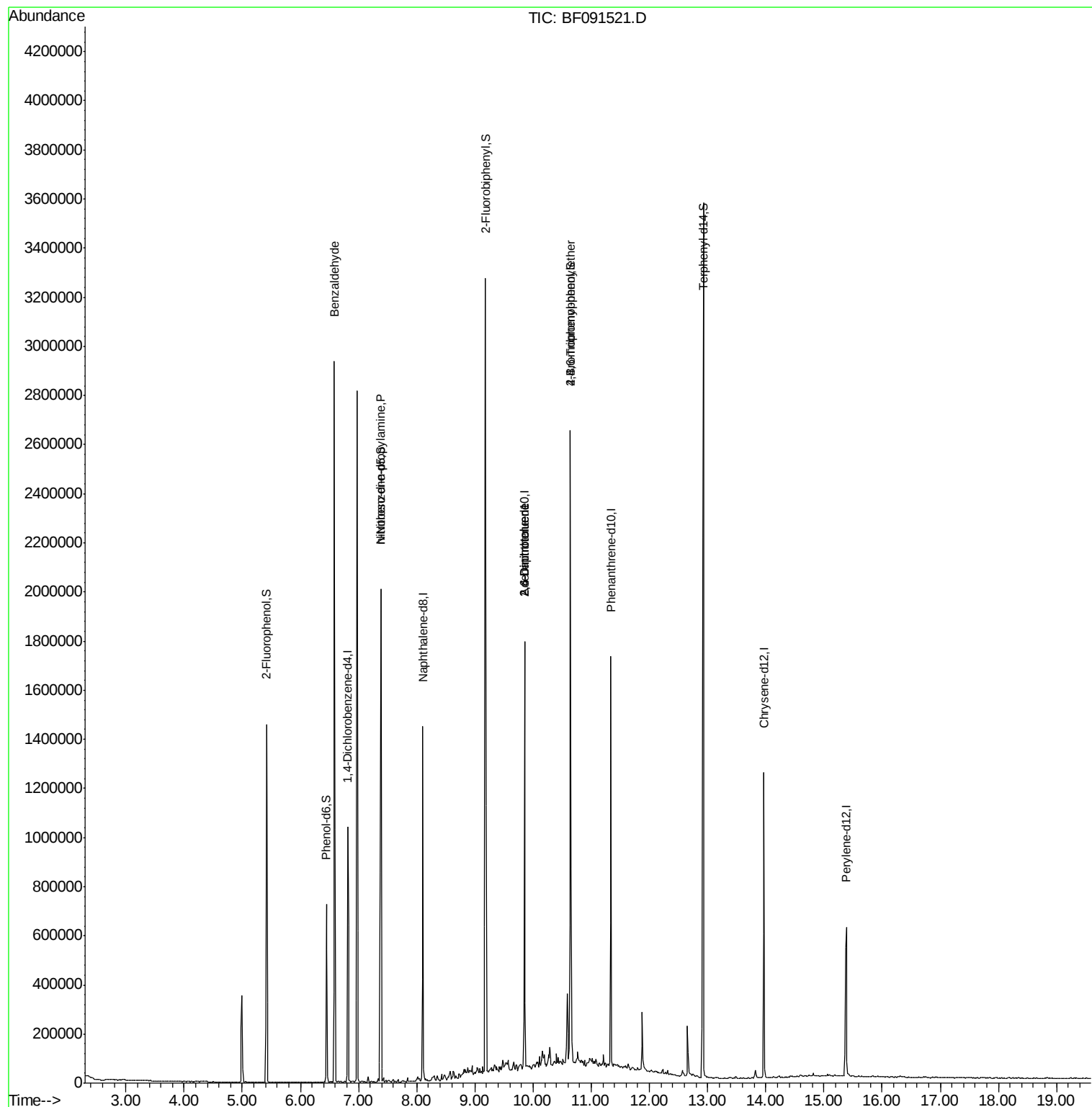
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	183104	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	616729	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	353977	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	659323	20.00	ng	0.00
75) Chrysene-d12	13.97	240	506848	20.00	ng	0.00
86) Perylene-d12	15.39	264	354585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	348439	31.09	ng	0.01
7) Phenol-d6	6.45	99	286440	20.76	ng	-0.01
23) Nitrobenzene-d5	7.38	82	652735	59.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	329922	98.45	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1158774	59.27	ng	-0.01
78) Terphenyl-d14	12.93	244	1455181	62.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	19657	2.22	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	91358	10.51	ng	# 71
50) 2,6-Dinitrotoluene	9.85	165	46346	9.67	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	46346	7.46	ng	# 36
66) 4-Bromophenyl-phenylether	10.64	248	19394	2.74	ng	# 1

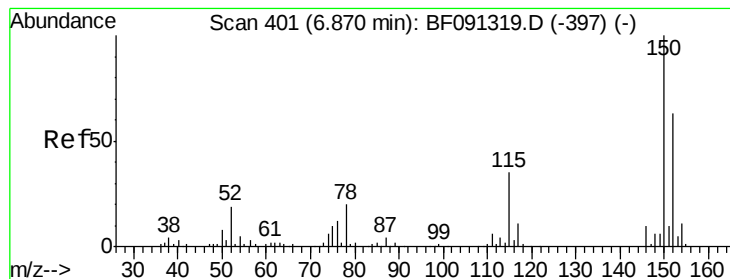
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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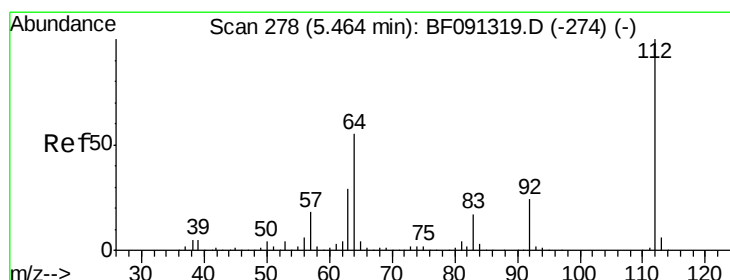
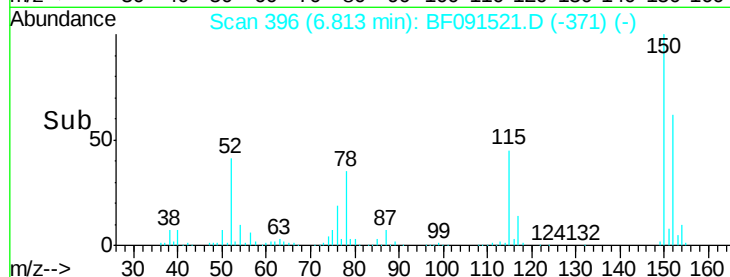
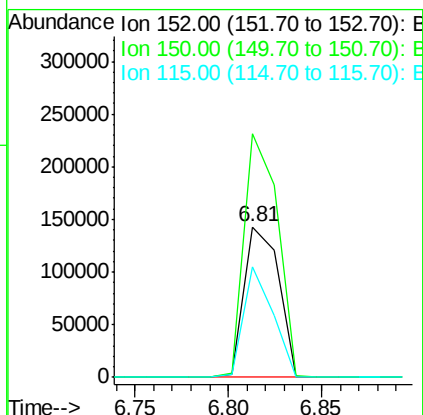
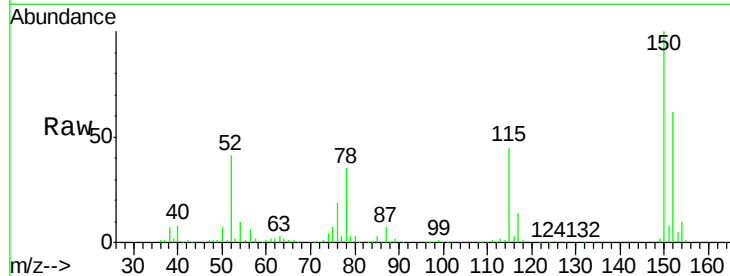




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

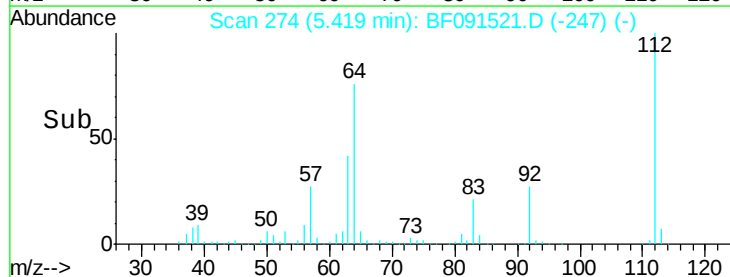
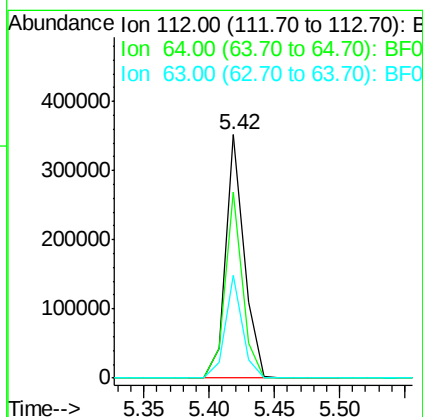
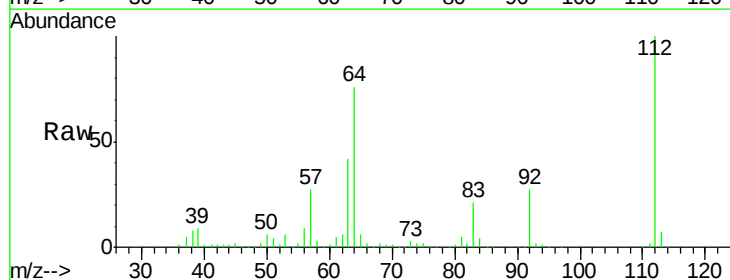
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

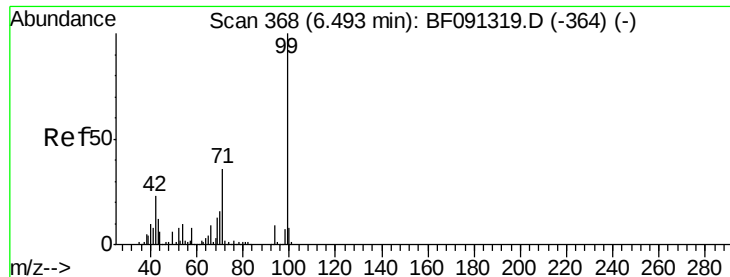
Tgt Ion:152 Resp: 183104
 Ion Ratio Lower Upper
 152 100
 150 161.6 122.5 183.7
 115 73.2 51.8 77.8



#5
 2-Fluorophenol
 Concen: 31.09 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

Tgt Ion:112 Resp: 348439
 Ion Ratio Lower Upper
 112 100
 64 76.3 61.5 92.3
 63 42.0 33.3 49.9





#7

Phenol-d6

Concen: 20.76 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

URSMW-12

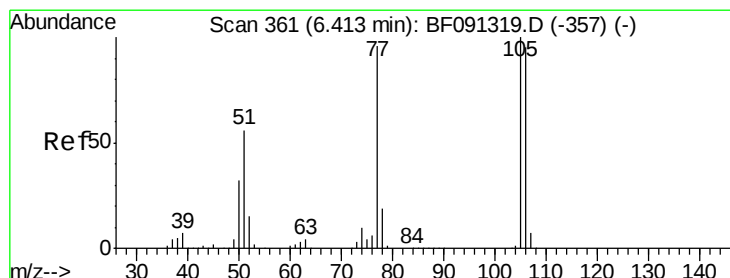
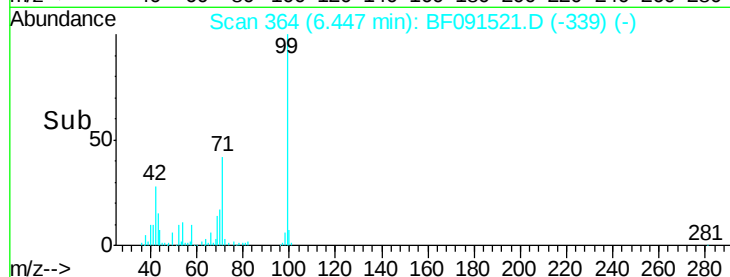
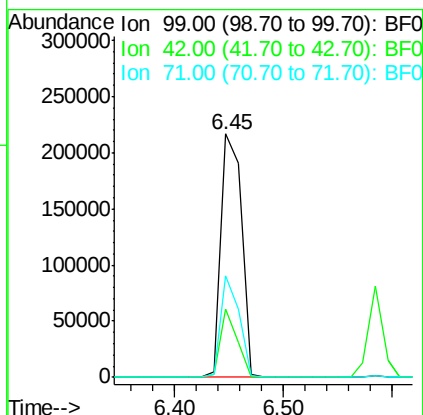
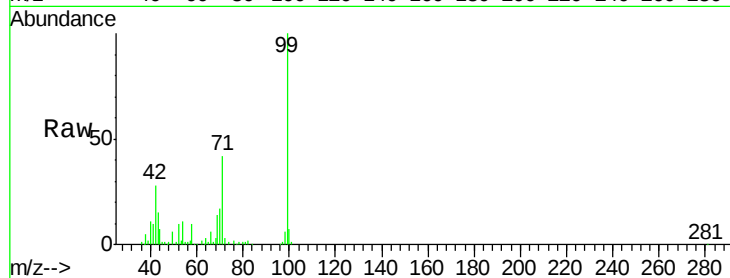
Tgt Ion: 99 Resp: 286440

Ion Ratio Lower Upper

99 100

42 28.1 20.6 31.0

71 41.7 29.9 44.9



#9

Benzaldehyde

Concen: 2.22 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

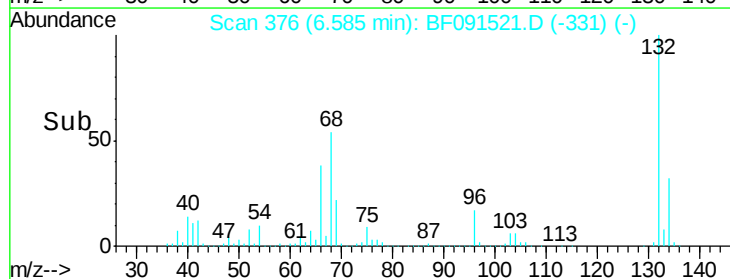
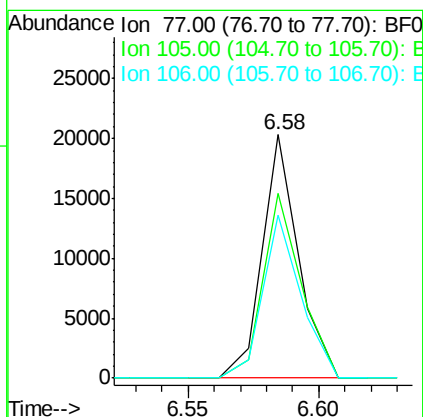
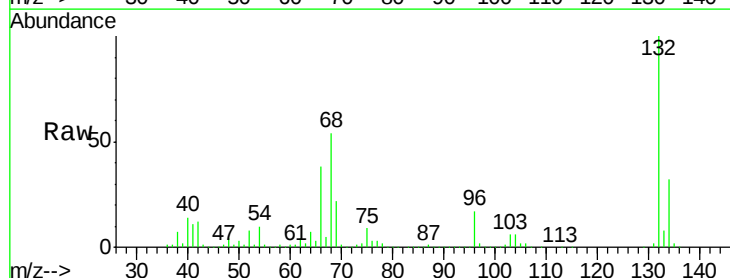
Tgt Ion: 77 Resp: 19657

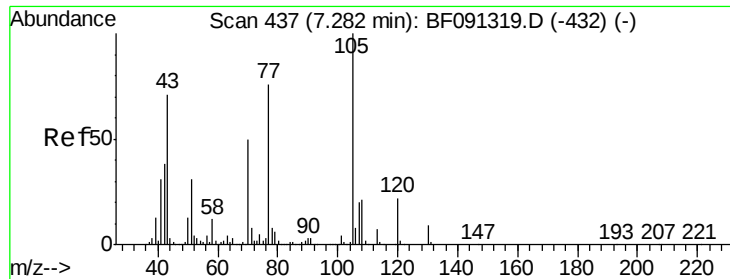
Ion Ratio Lower Upper

77 100

105 75.7 66.4 106.4

106 66.9 60.9 100.9

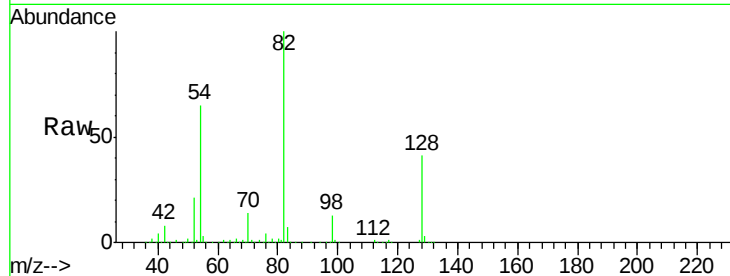




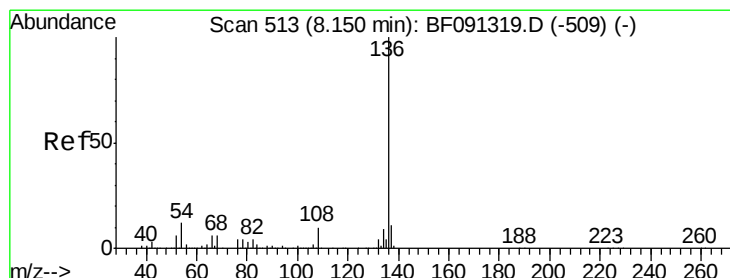
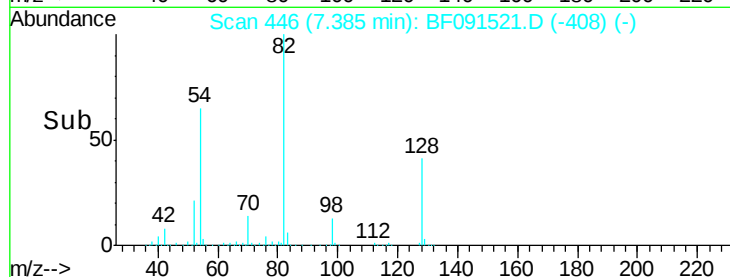
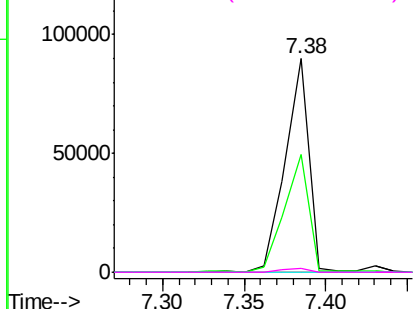
#19
n-Nitroso-di-n-propylamine
Concen: 10.51 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion: 70 Resp: 91358
Ion Ratio Lower Upper
70 100
42 55.2 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



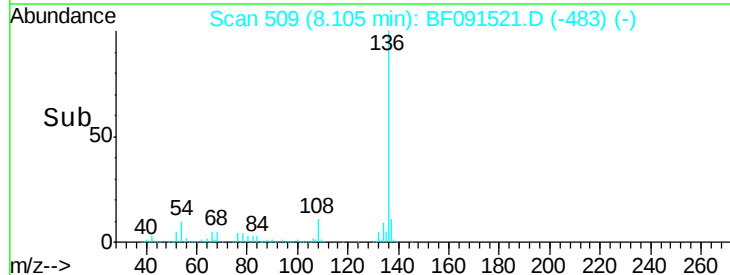
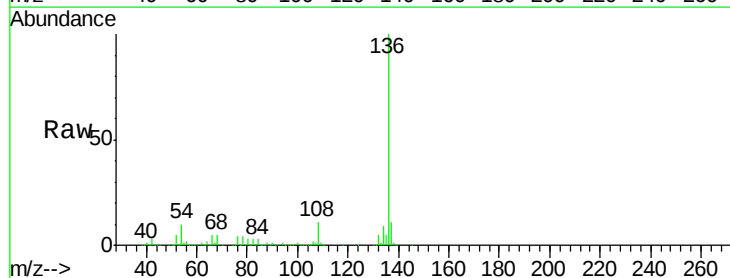
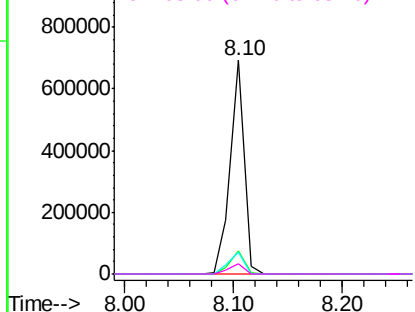
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

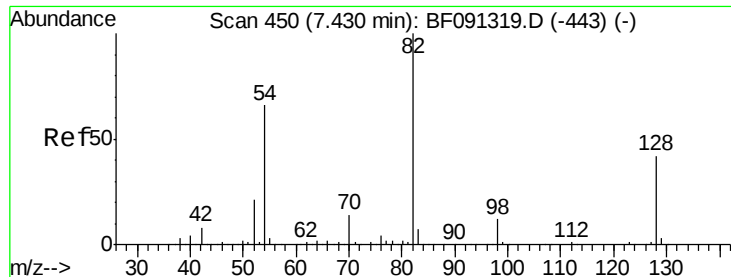


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Tgt Ion: 136 Resp: 616729
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 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

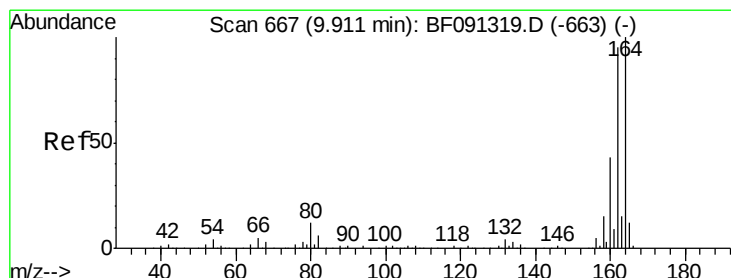
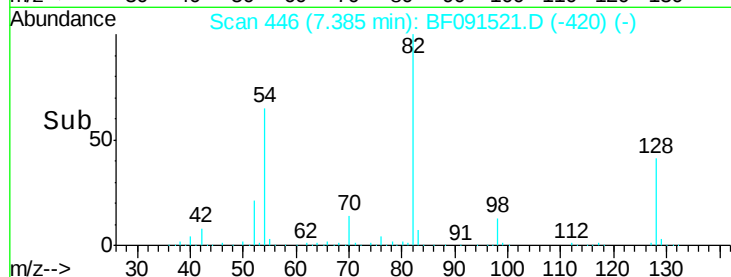
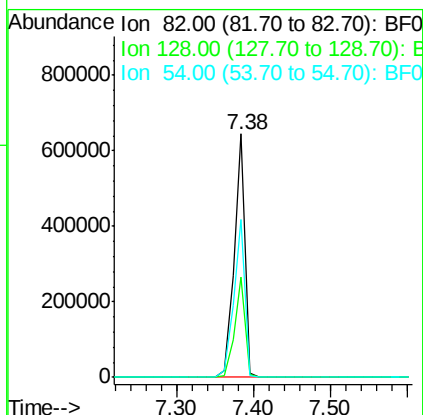
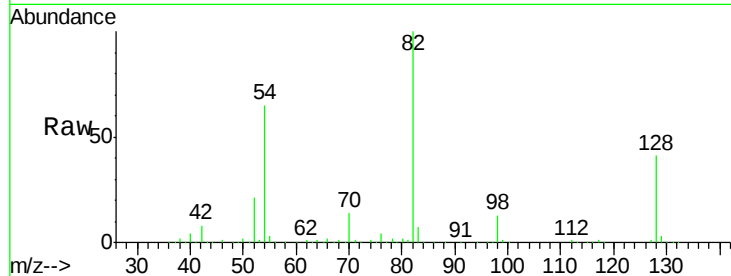




#23
Nitrobenzene-d5
Concen: 59.31 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

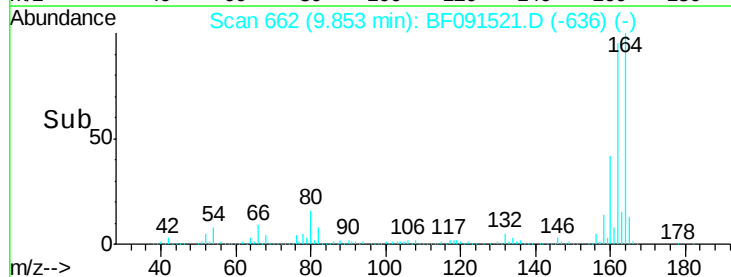
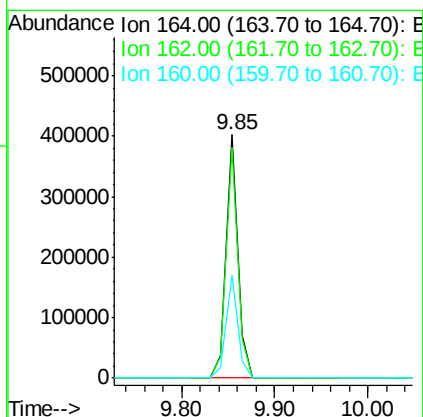
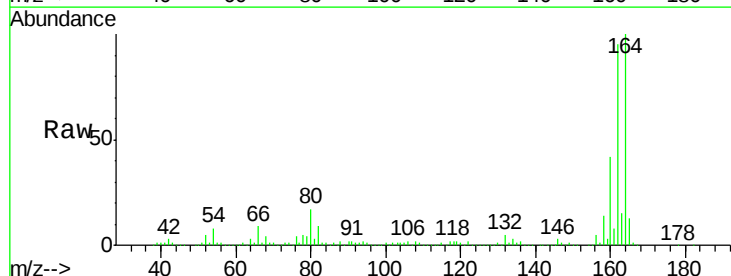
Instrument :
BNA_F
ClientSampleId :
URSMW-12

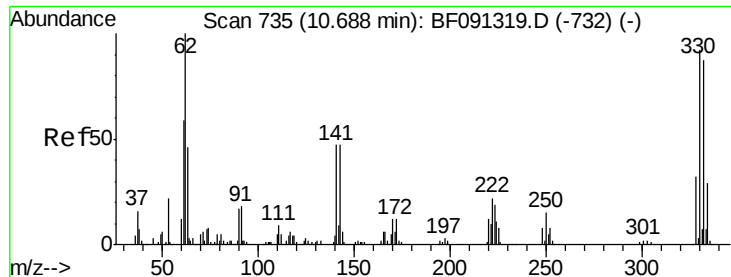
Tgt Ion: 82 Resp: 652735
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 64.9 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Tgt Ion: 164 Resp: 353977
Ion Ratio Lower Upper
164 100
162 94.7 82.6 124.0
160 42.4 36.7 55.1

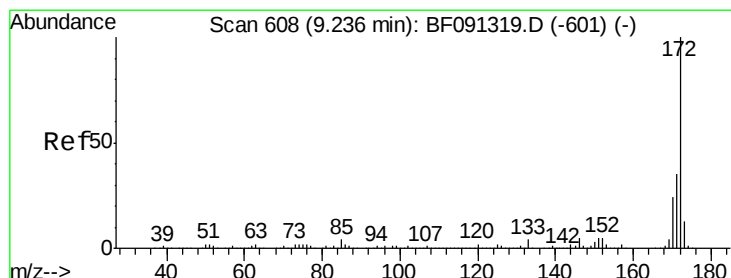
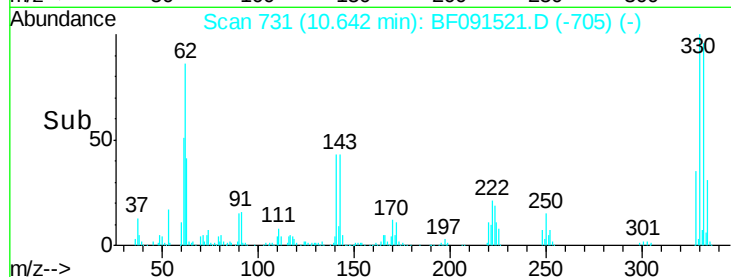
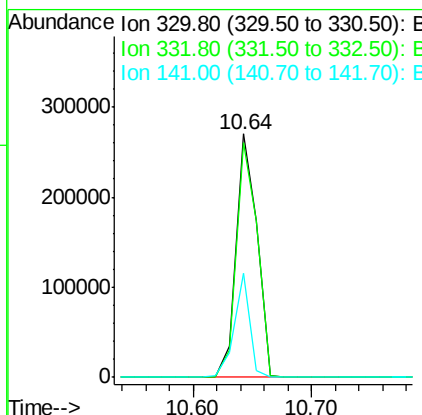
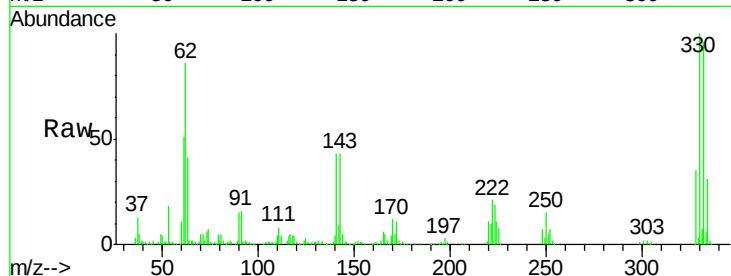




#41
 2,4,6-Tribromophenol
 Concen: 98.45 ng
 RT: 10.64 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

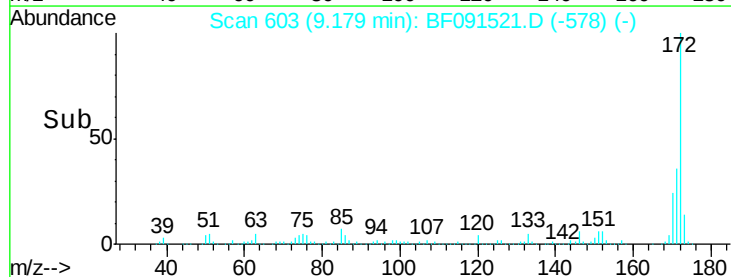
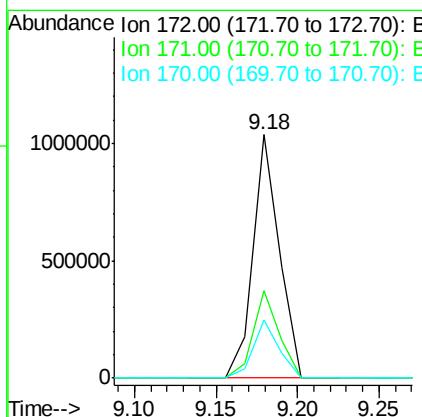
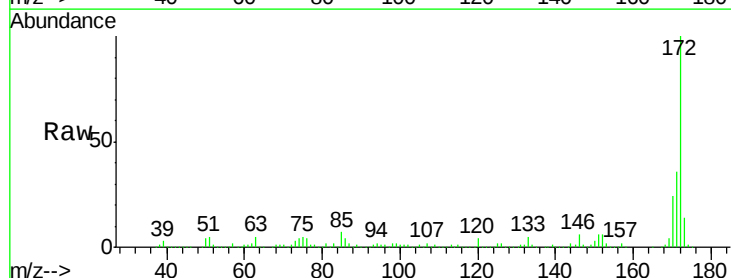
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

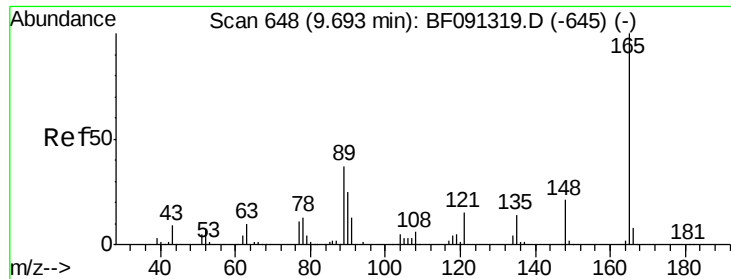
Tgt Ion:330 Resp: 329922
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 31.7 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 59.27 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

Tgt Ion:172 Resp: 1158774
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 19.7 29.5





#50

2,6-Dinitrotoluene

Concen: 9.67 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.21 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

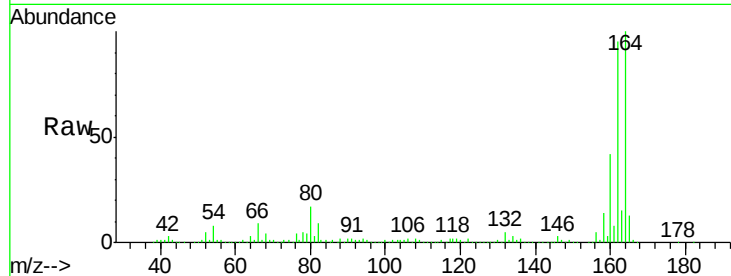
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BNA_F

ClientSampleId :

URSMW-12

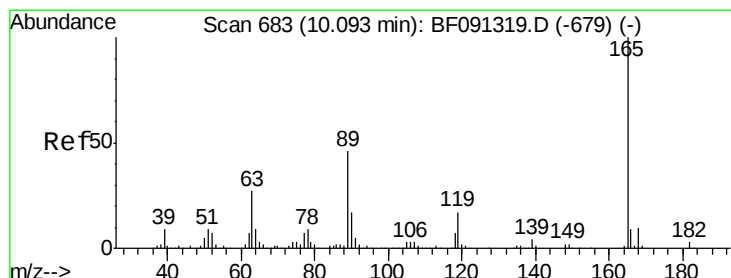
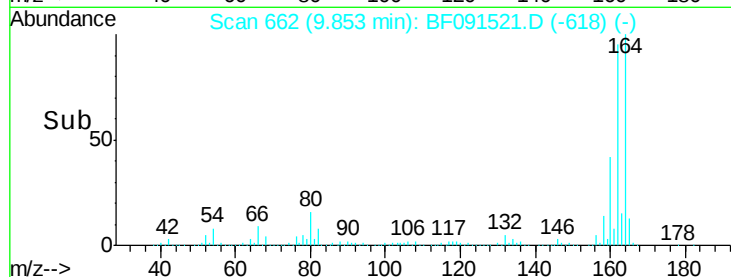
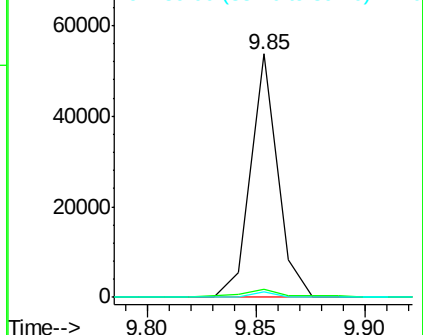
Tgt Ion:	165	Resp:	46346
Ion	Ratio	Lower	Upper
165	100		
63	3.5	59.4	89.0#
89	2.1	50.8	76.2#



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: 7.46 ng

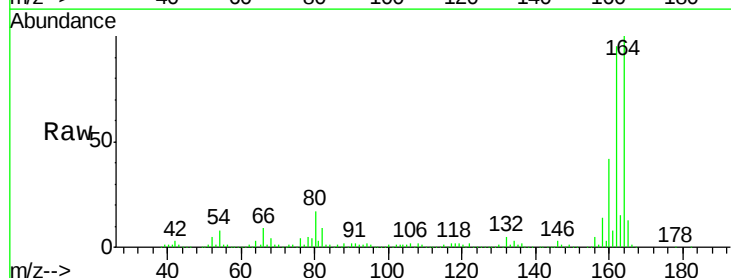
RT: 9.85 min Scan# 662

Delta R.T. -0.19 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Tgt Ion:	165	Resp:	46346
Ion	Ratio	Lower	Upper
165	100		
63	3.5	29.0	43.4#
89	2.1	43.1	64.7#
182	0.8	1.9	2.9#

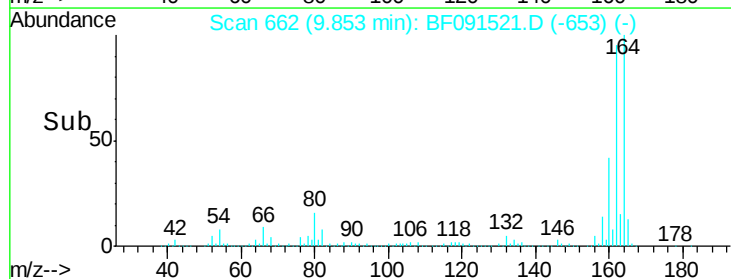
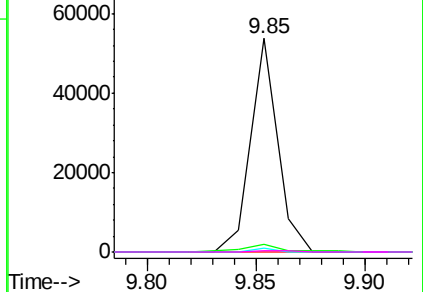


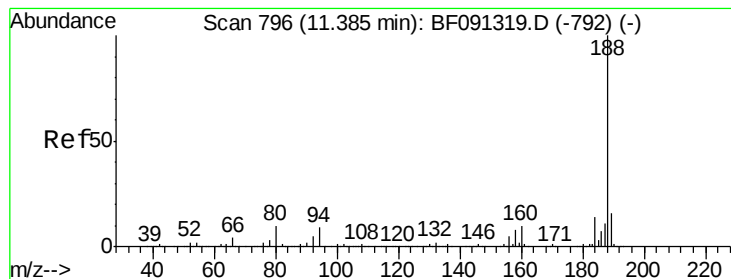
Abundance Ion 165.00 (164.70 to 165.70): E

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. 0.00 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

URSMW-12

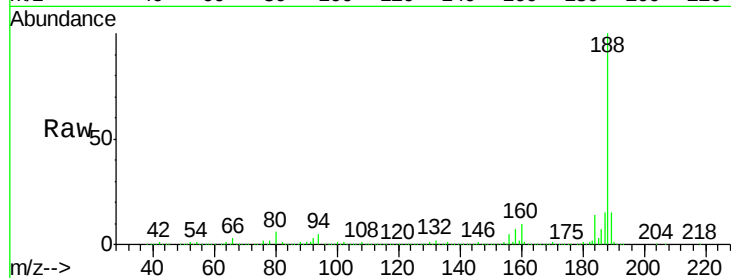
Tgt Ion:188 Resp: 659323

Ion Ratio Lower Upper

188 100

94 5.3 9.2 13.8#

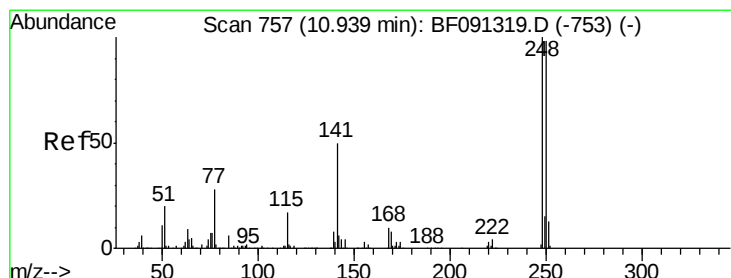
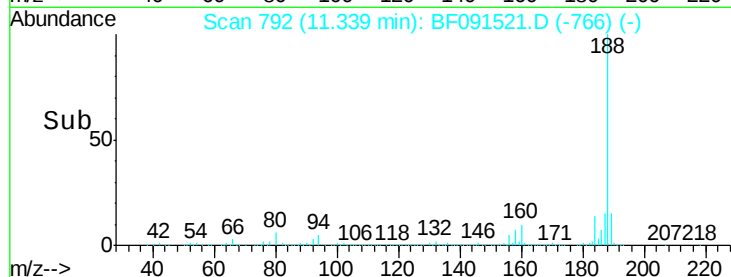
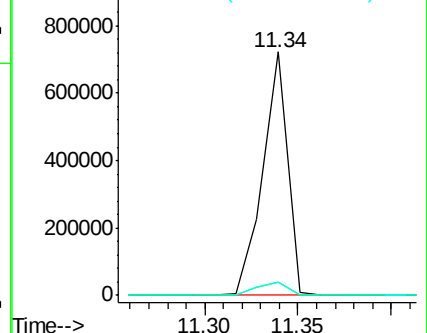
80 5.6 10.5 15.7#



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: 2.74 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

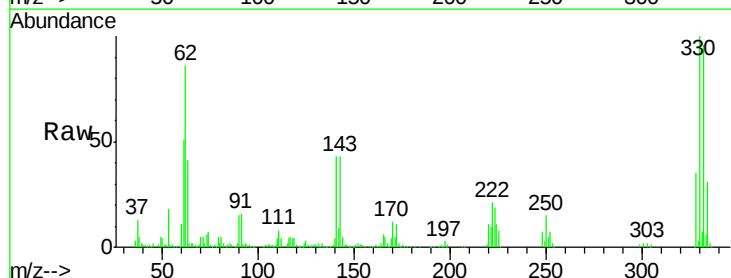
Tgt Ion:248 Resp: 19394

Ion Ratio Lower Upper

248 100

250 195.9 78.2 117.4#

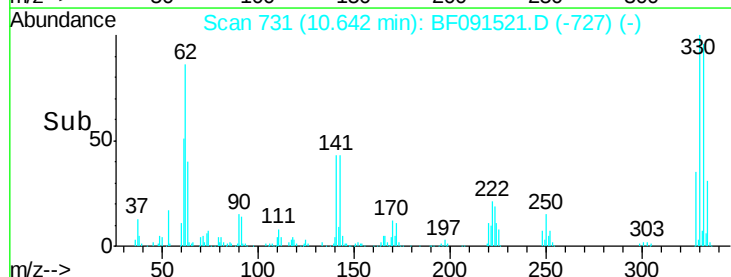
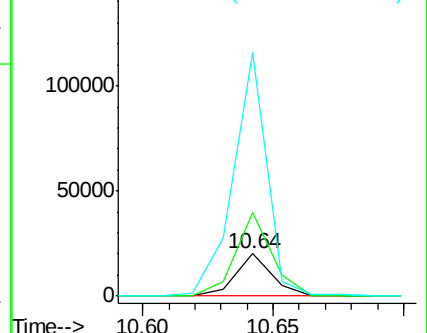
141 573.5 71.9 107.9#

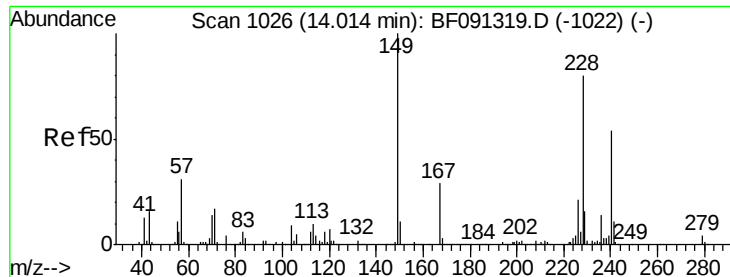


Abundance Ion 248.00 (247.70 to 248.70): E

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. 0.00 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

URSMW-12

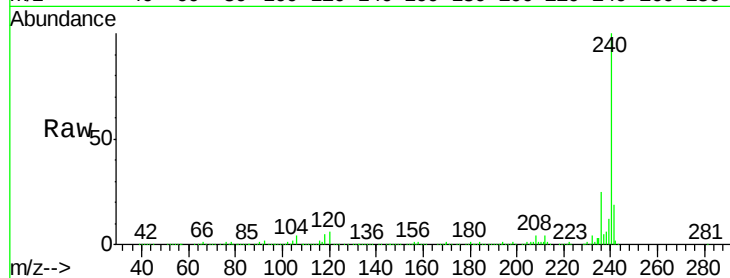
Tgt Ion:240 Resp: 506848

Ion Ratio Lower Upper

240 100

120 5.6 12.1 18.1#

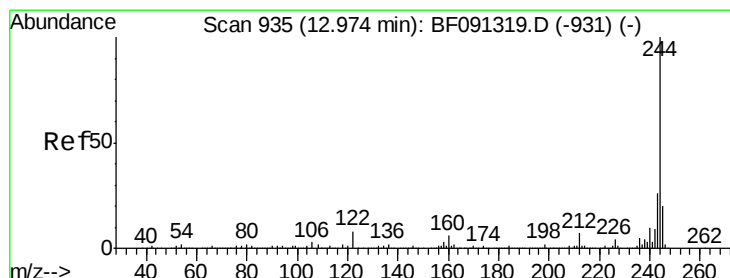
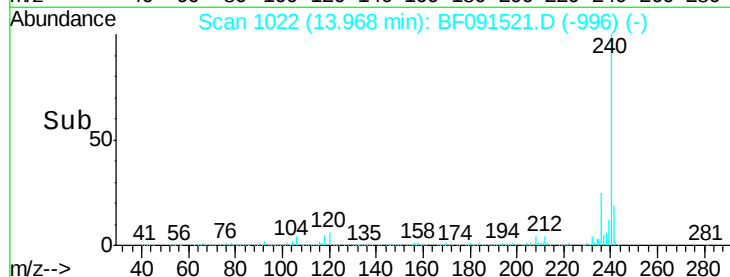
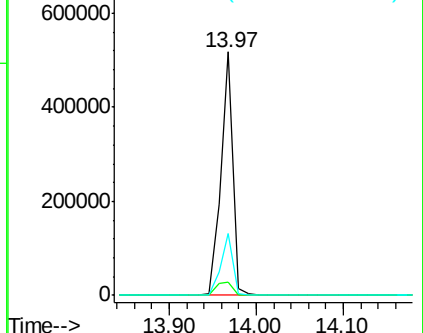
236 25.4 21.0 31.6



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: 62.40 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

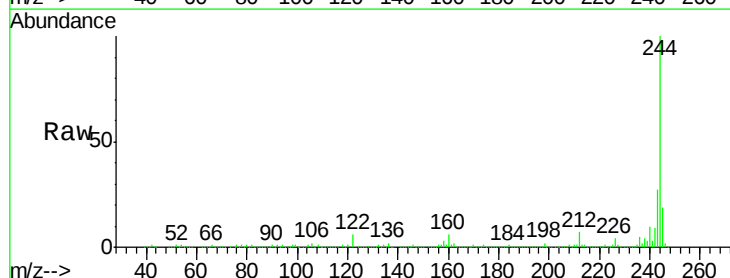
Tgt Ion:244 Resp: 1455181

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

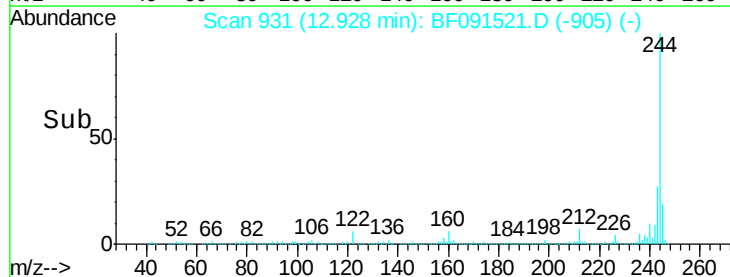
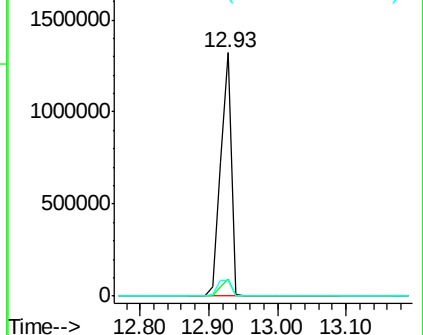
122 6.2 9.5 14.3#

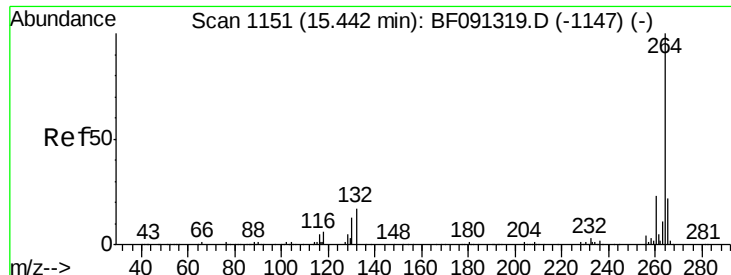


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion: 264 Resp: 354585
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.2 17.0 25.6

