

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091522.D
 Acq On : 9 Dec 2016 00:20
 Operator : UM/SJ
 Sample : H5917-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Quant Time: Dec 09 00:54:16 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

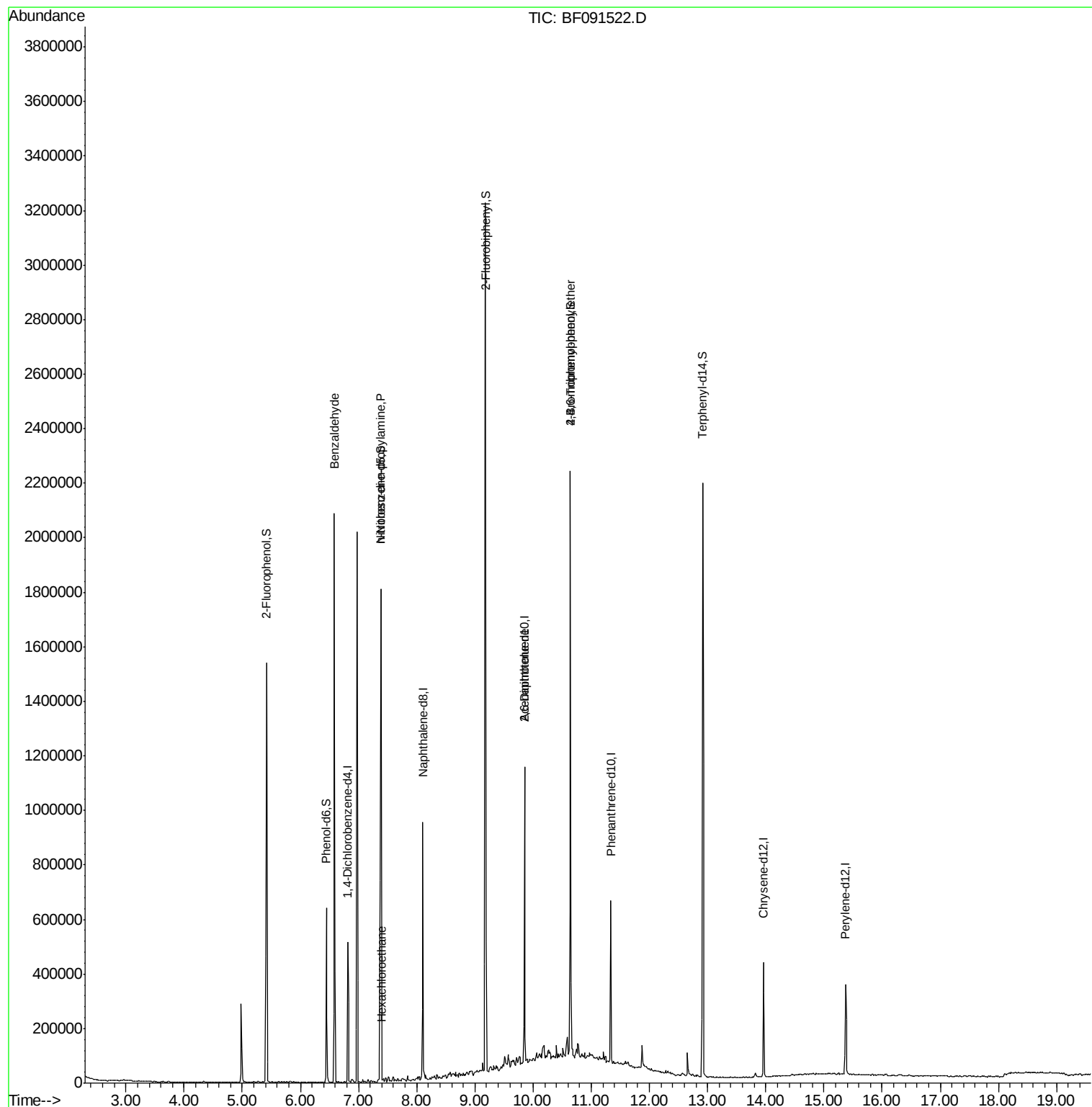
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	89050	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	398448	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	210998	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	316226	20.00	ng	0.00
75) Chrysene-d12	13.96	240	201888	20.00	ng	-0.01
86) Perylene-d12	15.37	264	171699	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	349917	64.19	ng	0.01
7) Phenol-d6	6.45	99	190852	28.44	ng	-0.01
23) Nitrobenzene-d5	7.38	82	567910	79.88	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	247231	123.77	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	927768	79.61	ng	-0.01
78) Terphenyl-d14	12.92	244	860187	92.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	12488	2.89	ng	Qvalue 87
18) Hexachloroethane	7.40	117	15087	6.43	ng	# 3
19) n-Nitroso-di-n-propylamine	7.38	70	81413	19.26	ng	# 70
50) 2,6-Dinitrotoluene	9.85	165	28136	9.85	ng	# 18
66) 4-Bromophenyl-phenylether	10.64	248	15952	4.69	ng	# 1

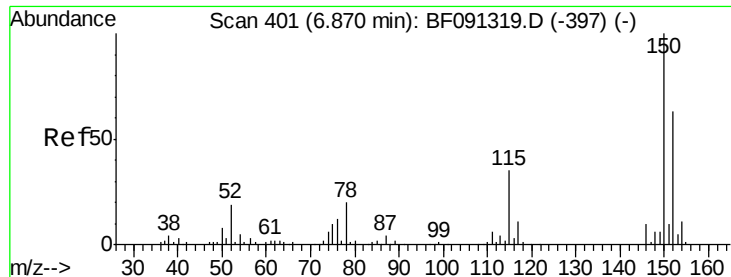
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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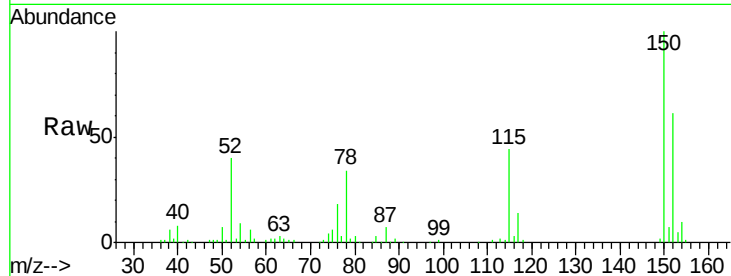


#1

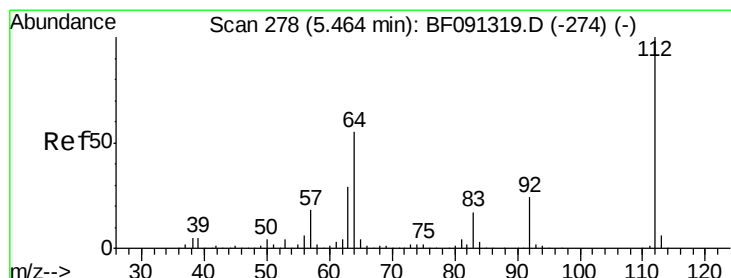
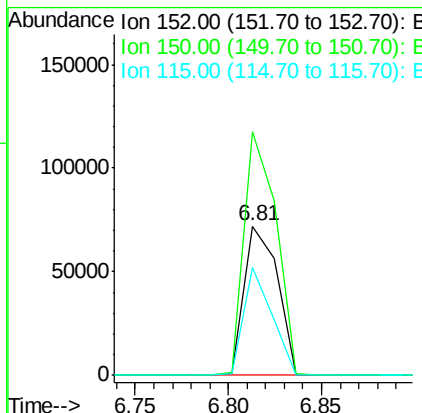
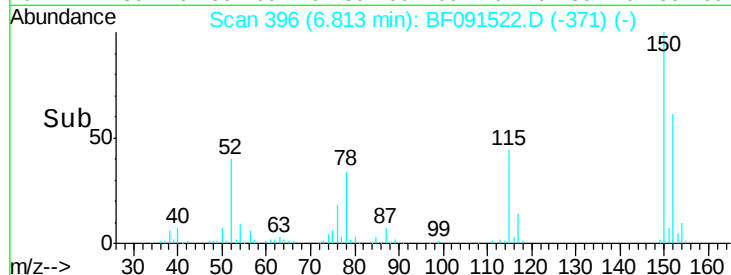
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:152 Resp: 89050
 Ion Ratio Lower Upper
 152 100
 150 163.2 122.5 183.7
 115 72.0 51.8 77.8



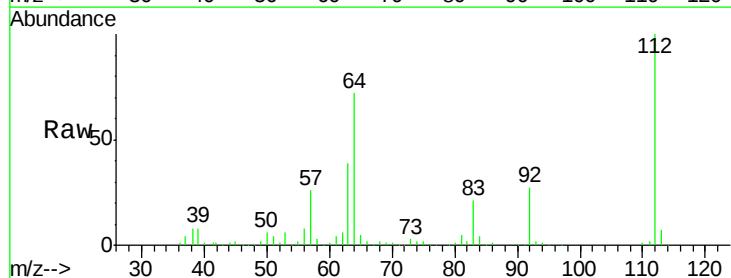
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



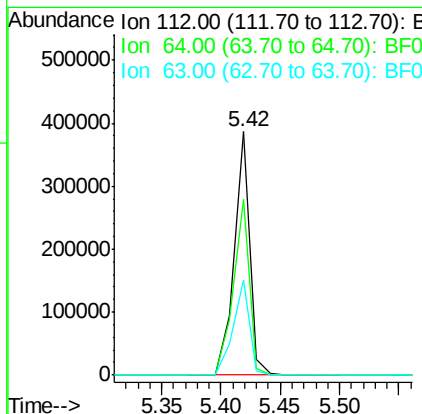
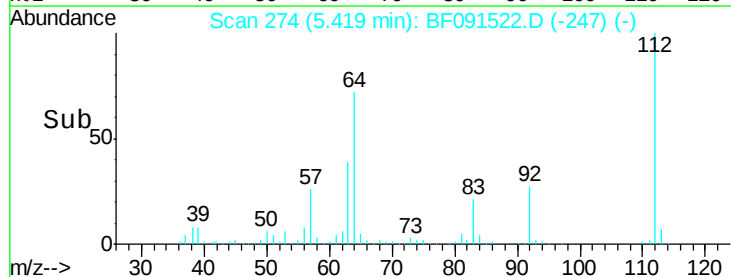
#5

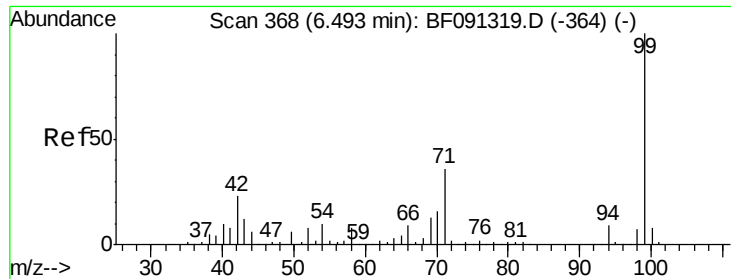
2-Fluorophenol
 Concen: 64.19 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Tgt Ion:112 Resp: 349917
 Ion Ratio Lower Upper
 112 100
 64 72.2 61.5 92.3
 63 39.2 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: 28.44 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

Instrument :

BNA_F

ClientSampleId :

URSMW-11

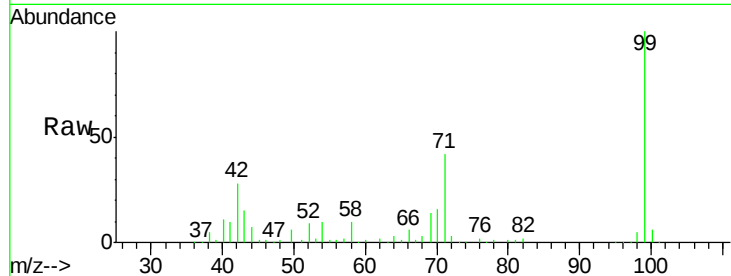
Tgt Ion: 99 Resp: 190852

Ion Ratio Lower Upper

99 100

42 28.0 20.6 31.0

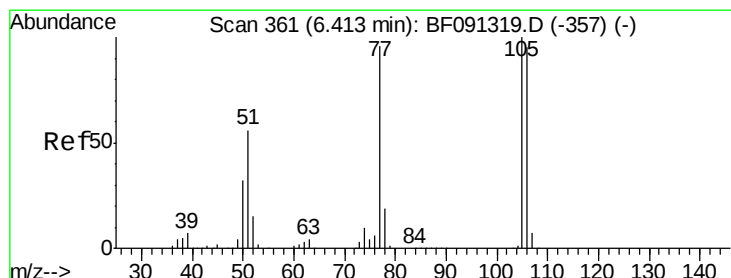
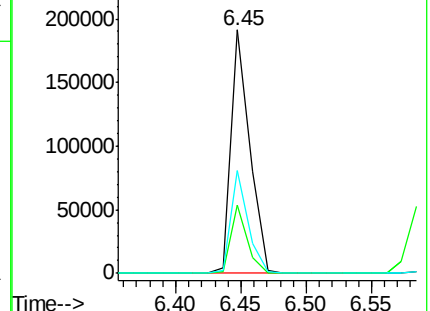
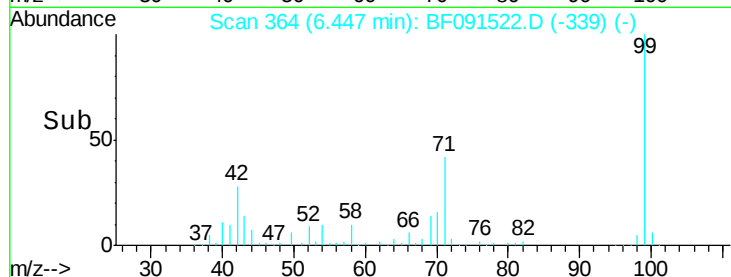
71 42.0 29.9 44.9



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: 2.89 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

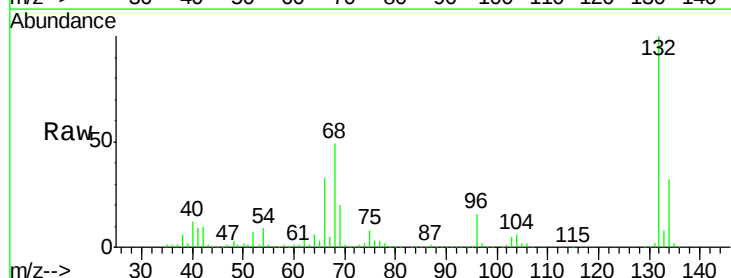
Tgt Ion: 77 Resp: 12488

Ion Ratio Lower Upper

77 100

105 74.3 66.4 106.4

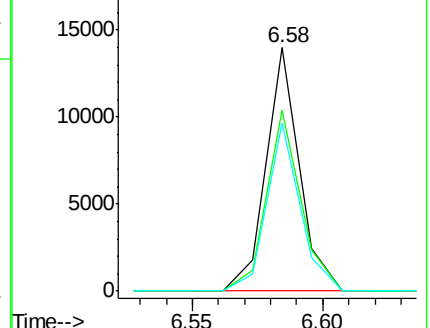
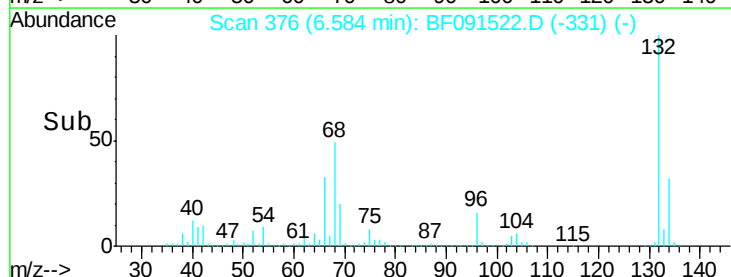
106 69.2 60.9 100.9

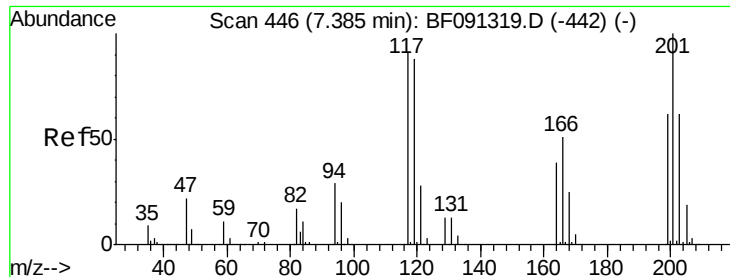


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#18

Hexachloroethane

Concen: 6.43 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.06 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

Instrument :

BNA_F

ClientSampleId :

URSMW-11

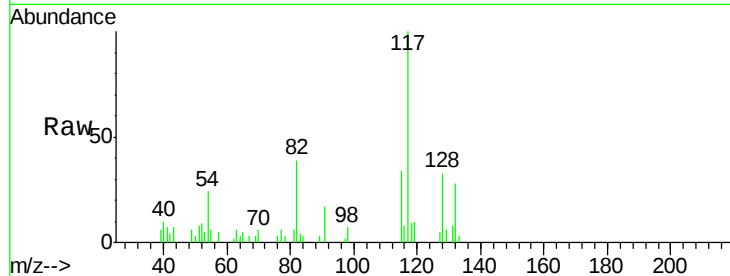
Tgt Ion: 117 Resp: 15087

Ion Ratio Lower Upper

117 100

119 9.9 78.6 118.0#

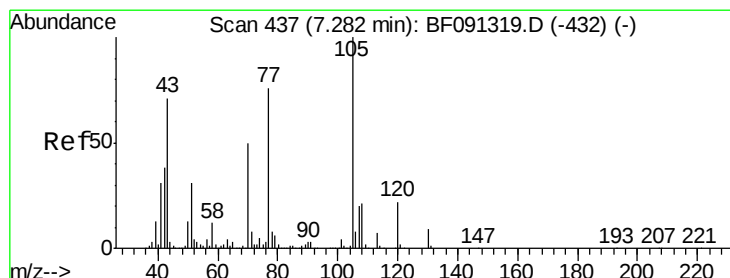
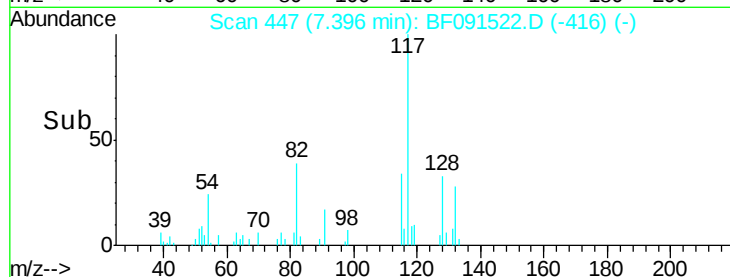
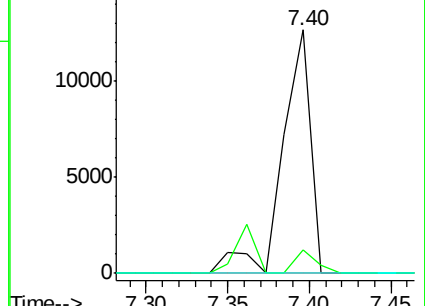
201 0.0 86.7 130.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.26 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

Tgt Ion: 70 Resp: 81413

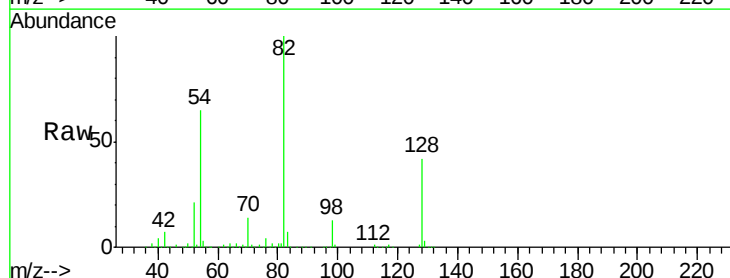
Ion Ratio Lower Upper

70 100

42 53.3 64.8 97.2#

101 0.0 6.2 9.4#

130 1.8 11.7 17.5#

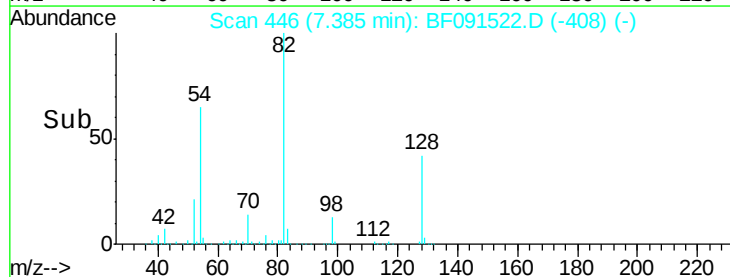
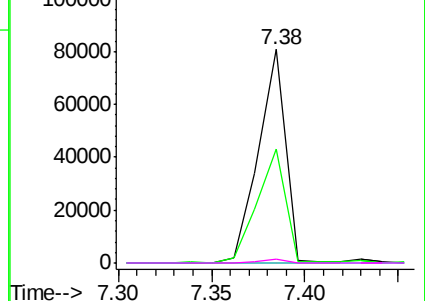


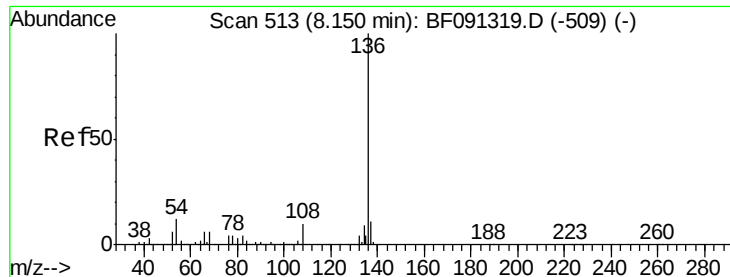
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

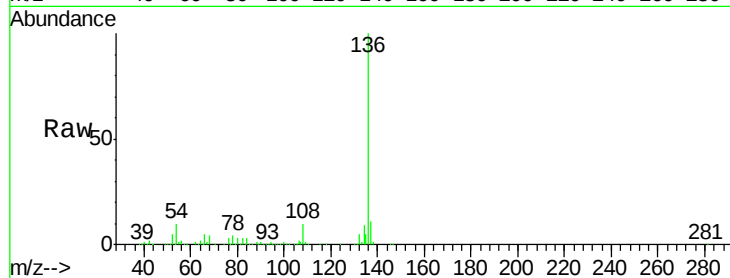




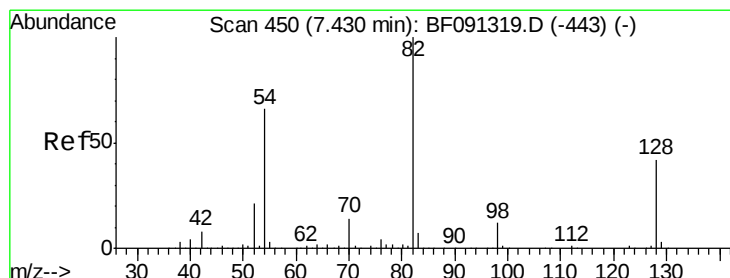
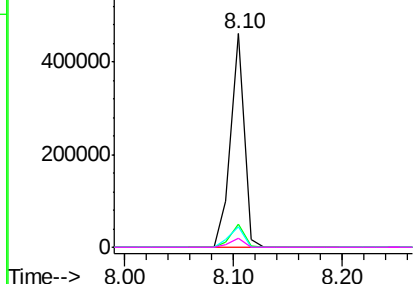
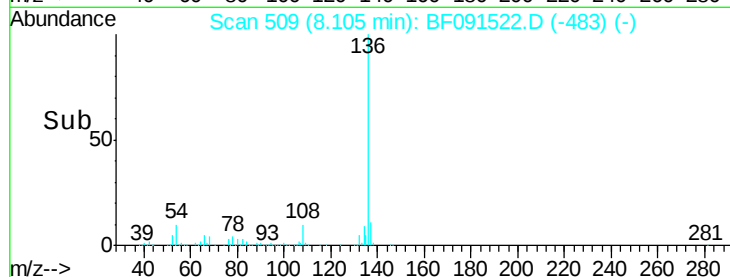
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:	136	Resp:	398448
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.7	9.1	13.7
68	4.3	5.9	8.9#

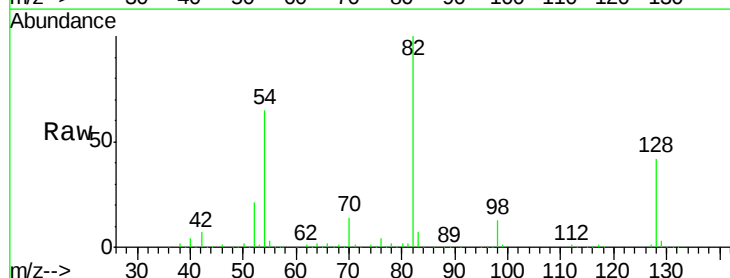


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

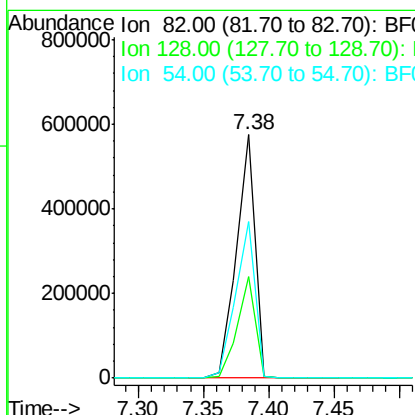
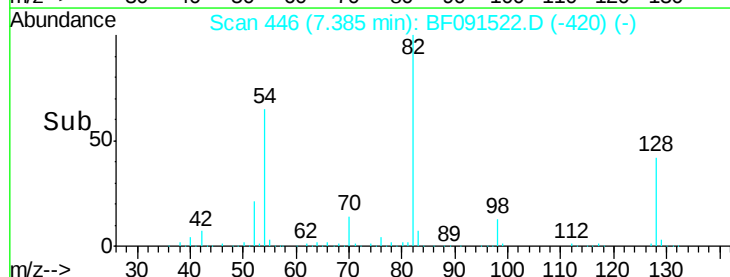


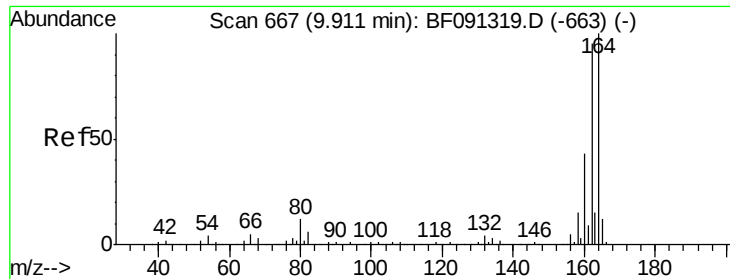
#23
Nitrobenzene-d5
Concen: 79.88 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:	82	Resp:	567910
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.6
54	64.5	49.1	73.7



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

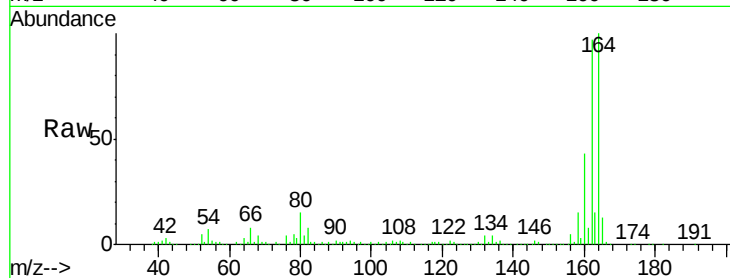




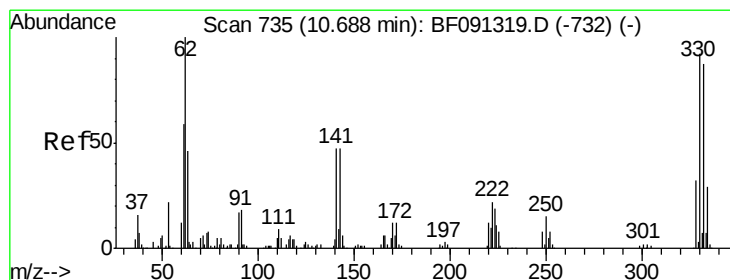
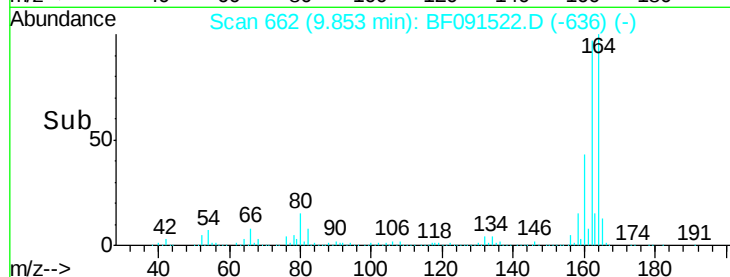
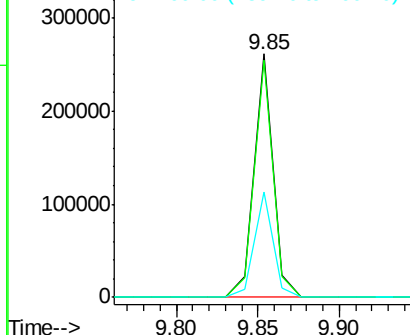
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:164 Resp: 210998
 Ion Ratio Lower Upper
 164 100
 162 97.4 82.6 124.0
 160 43.5 36.7 55.1

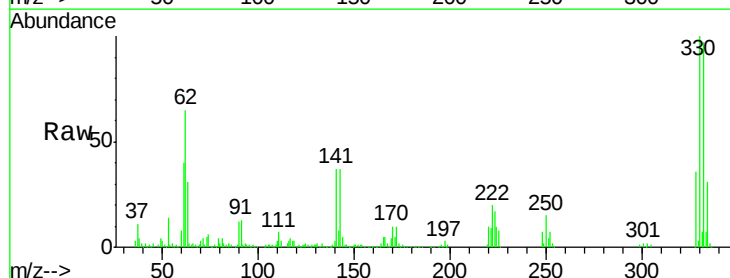


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

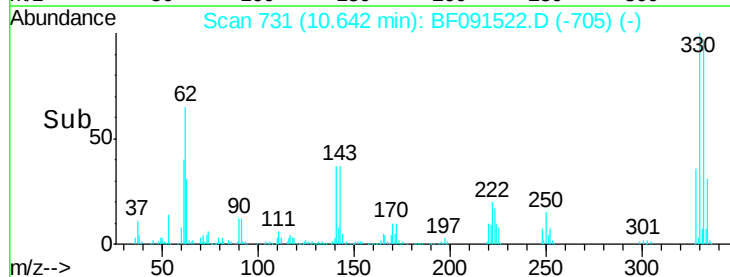
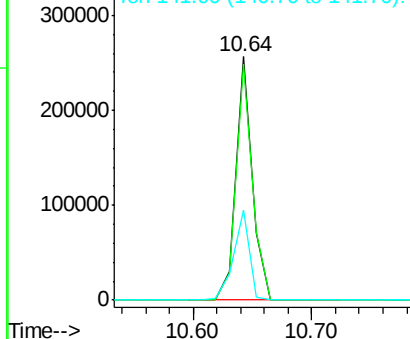


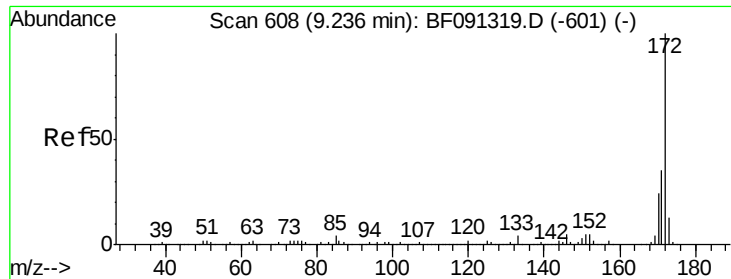
#41
 2,4,6-Tribromophenol
 Concen: 123.77 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Tgt Ion:330 Resp: 247231
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.4
 141 34.8 33.6 50.4



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

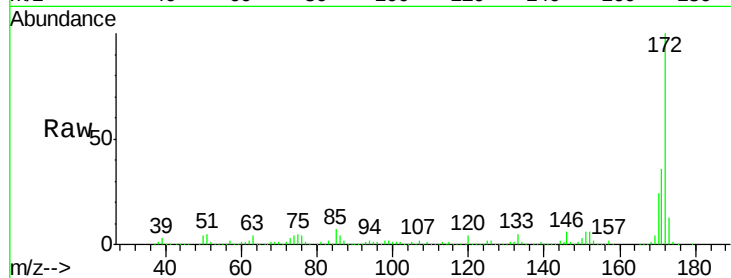




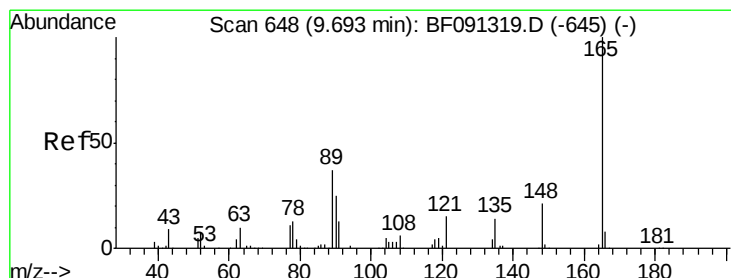
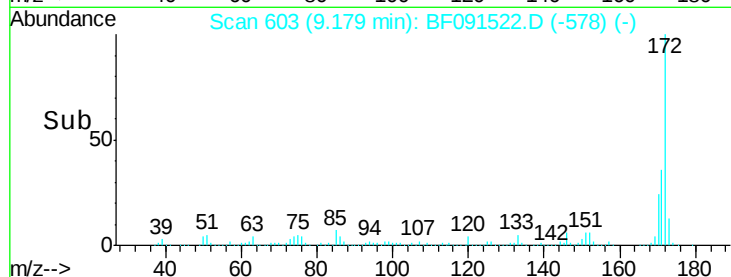
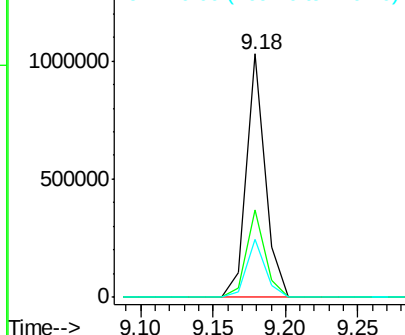
#44
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:172 Resp: 927768
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.9 19.7 29.5

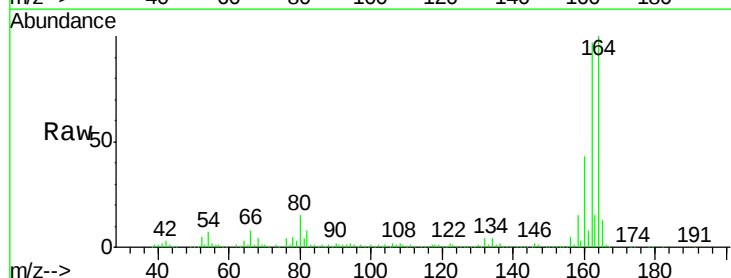


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

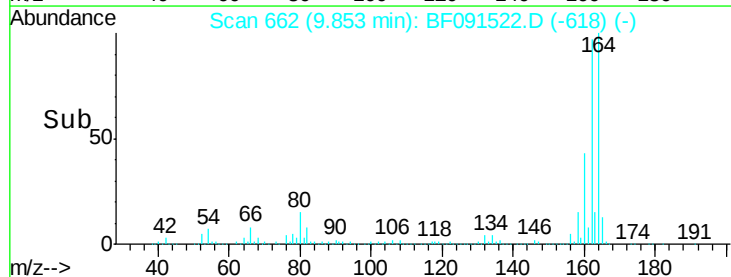
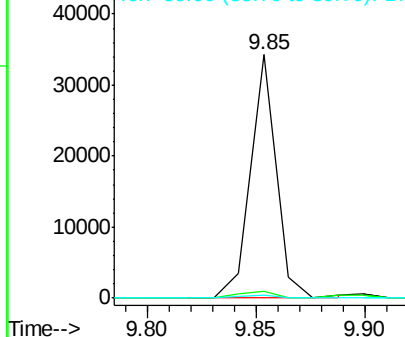


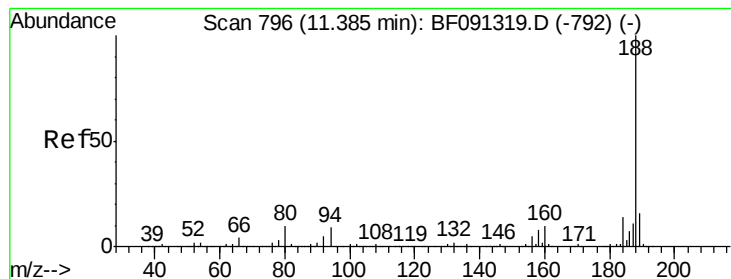
#50
 2,6-Dinitrotoluene
 Concen: 9.85 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.21 min
 Lab File: BF091522.D
 Acq: 9 Dec 2016 00:20

Tgt Ion:165 Resp: 28136
 Ion Ratio Lower Upper
 165 100
 63 2.7 59.4 89.0#
 89 1.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

Instrument :

BNA_F

ClientSampleId :

URSMW-11

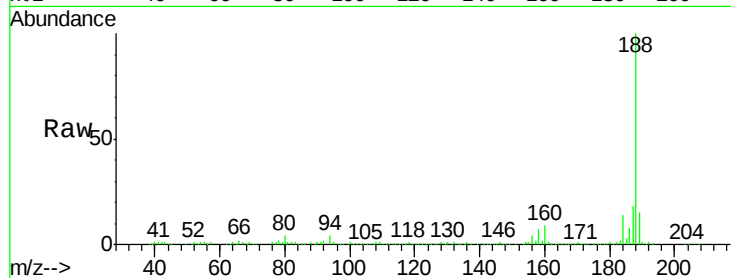
Tgt Ion:188 Resp: 316226

Ion Ratio Lower Upper

188 100

94 4.0 9.2 13.8#

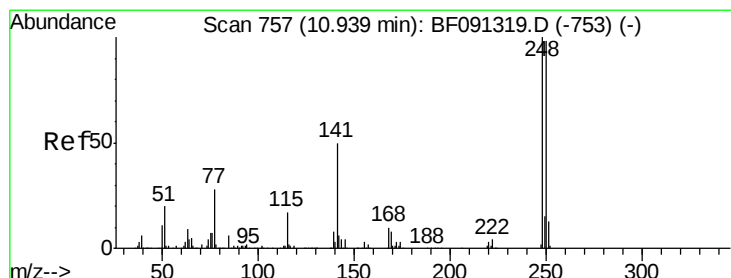
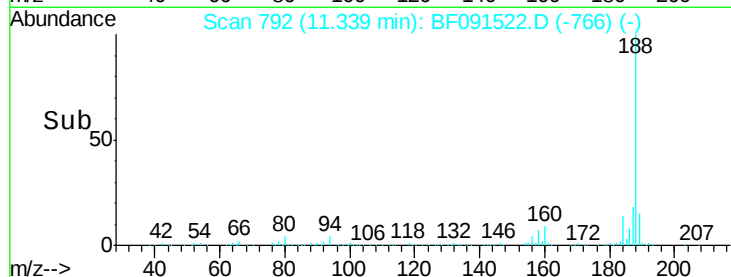
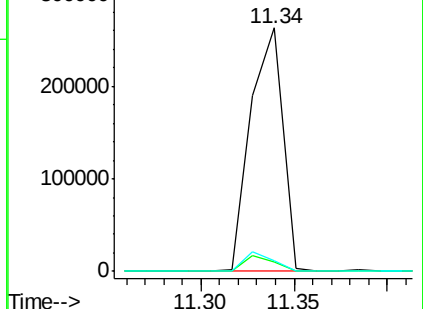
80 4.5 10.5 15.7#



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: 4.69 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

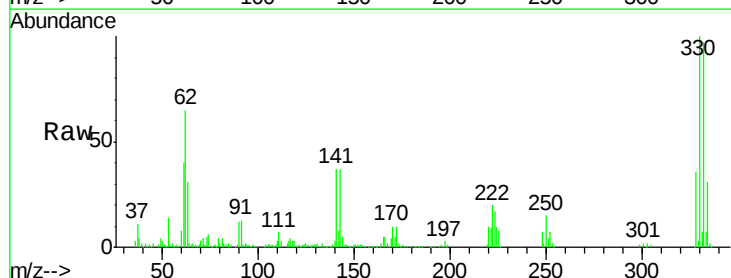
Tgt Ion:248 Resp: 15952

Ion Ratio Lower Upper

248 100

250 201.6 78.2 117.4#

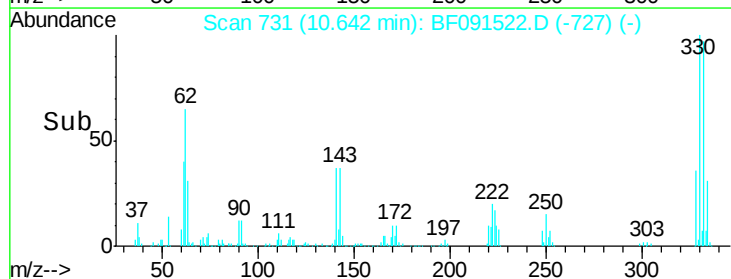
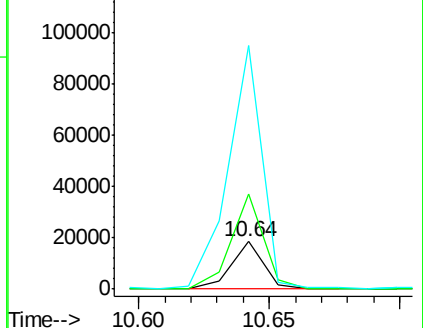
141 513.4 71.9 107.9#

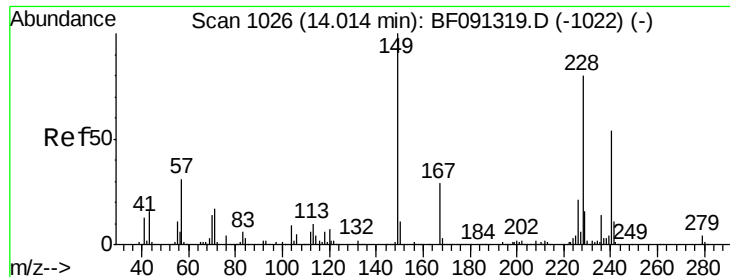


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

Instrument :

BNA_F

ClientSampleId :

URSMW-11

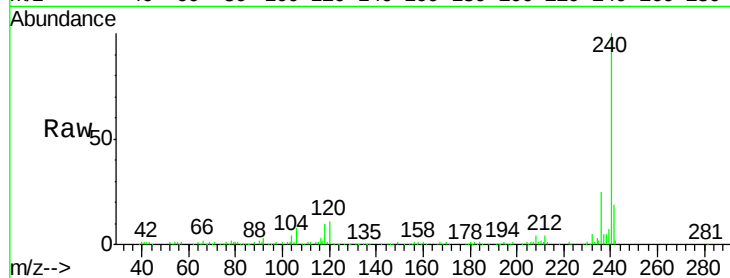
Tgt Ion:240 Resp: 201888

Ion Ratio Lower Upper

240 100

120 10.8 12.1 18.1#

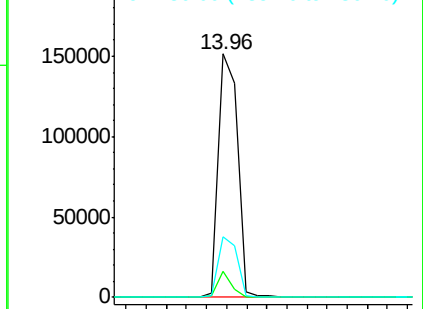
236 25.1 21.0 31.6



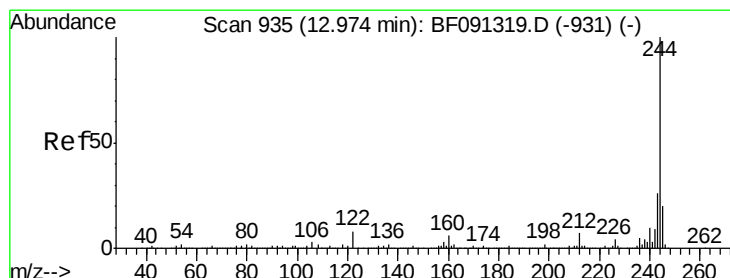
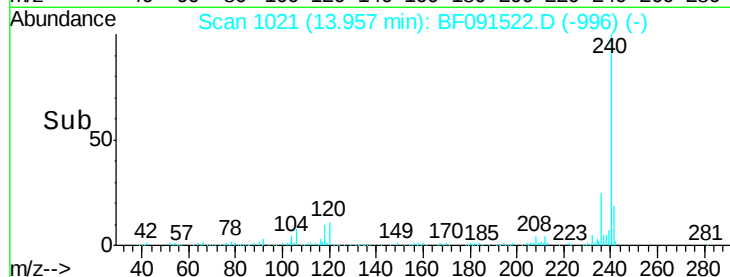
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 92.61 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091522.D

Acq: 9 Dec 2016 00:20

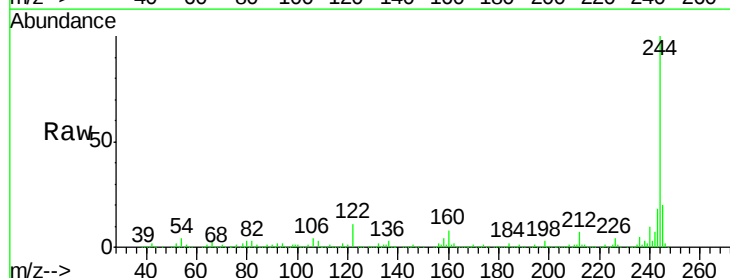
Tgt Ion:244 Resp: 860187

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

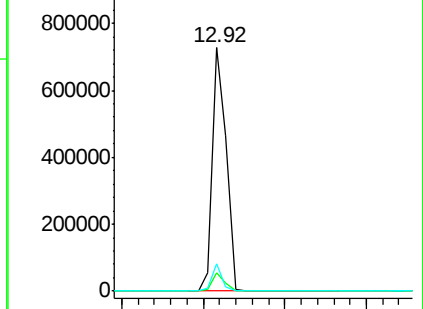
122 11.0 9.5 14.3



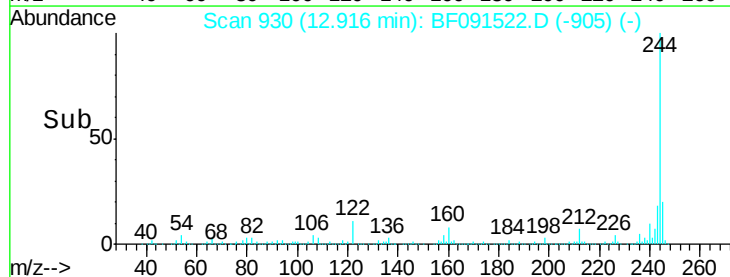
Abundance Ion 244.00 (243.70 to 244.70): E

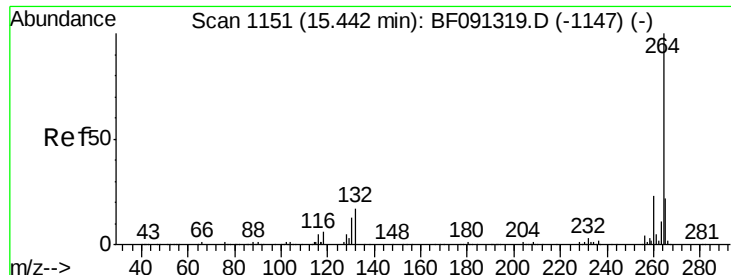
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion: 264 Resp: 171699
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.5 17.0 25.6

