

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091515.D
 Acq On : 8 Dec 2016 21:07
 Operator : UM/SJ
 Sample : H5886-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Quant Time: Dec 09 00:10:19 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

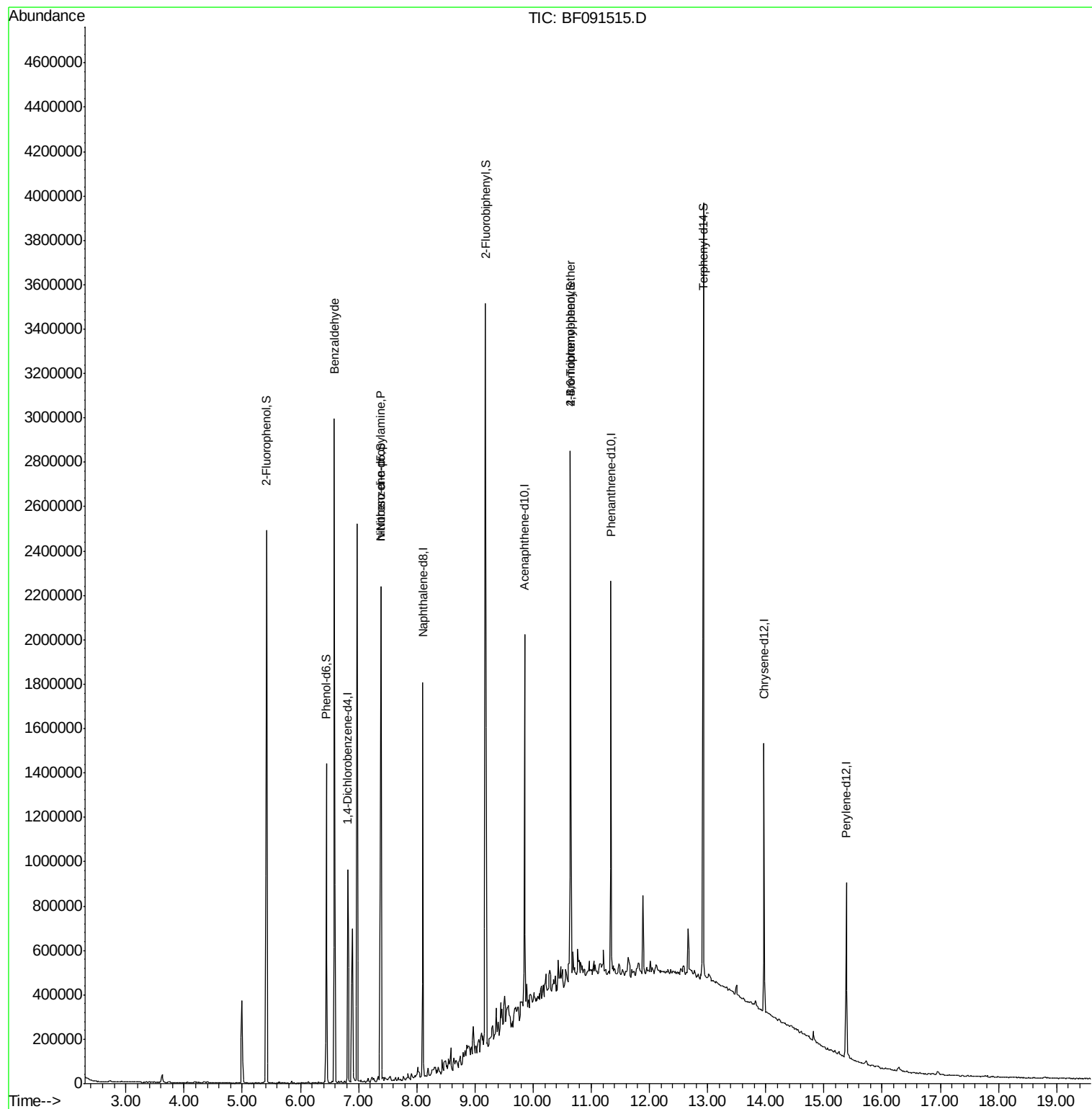
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162328	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	723597	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	366593	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	665115	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	422770	20.00	ng	-0.07
86) Perylene-d12	15.39	264	385602	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	605526	60.94	ng	-0.05
7) Phenol-d6	6.45	99	472431	38.62	ng	-0.05
23) Nitrobenzene-d5	7.38	82	723171	56.01	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	352098	101.45	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1265049	62.48	ng	-0.06
78) Terphenyl-d14	12.93	244	1250473	64.29	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	20549	2.61	ng	86
19) n-Nitroso-di-n-propylamine	7.38	70	103762	13.46	ng	# 70
66) 4-Bromophenyl-phenylether	10.64	248	20154	2.82	ng	# 1

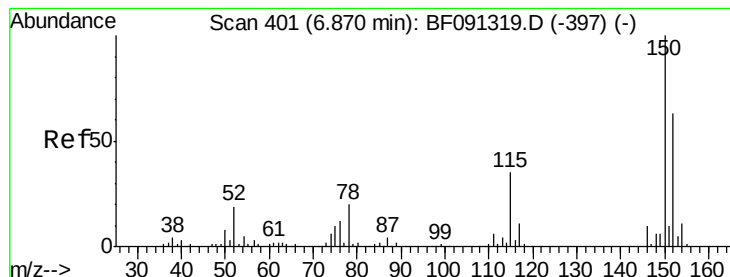
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091515.D

Acq: 8 Dec 2016 21:07

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BNA_F

ClientSampleId :

URSMW-07

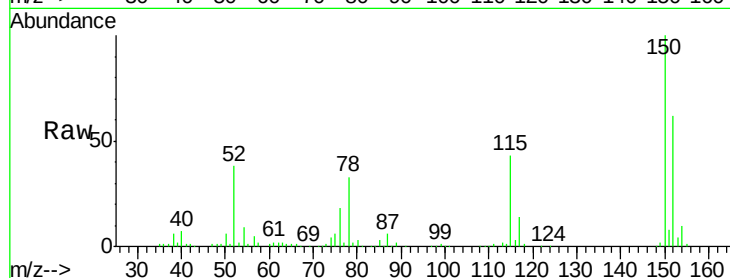
Tgt Ion:152 Resp: 162328

Ion Ratio Lower Upper

152 100

150 161.2 122.5 183.7

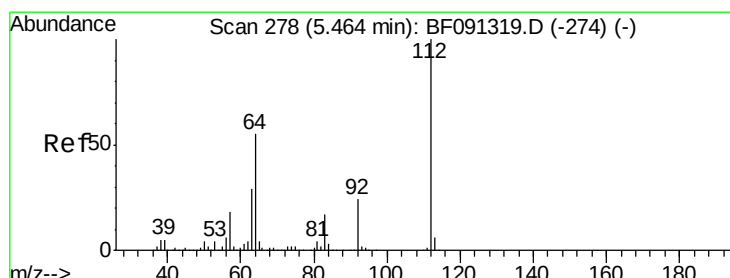
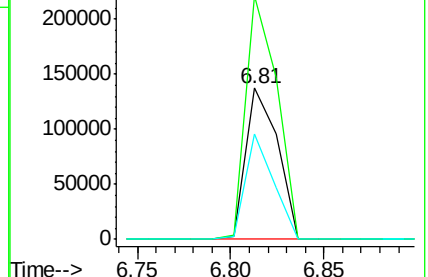
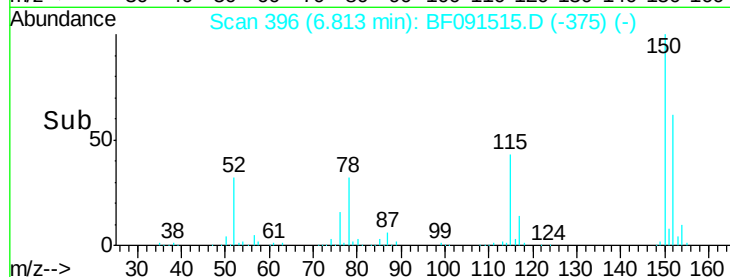
115 70.1 51.8 77.8



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: 60.94 ng

RT: 5.42 min Scan# 274

Delta R.T. -0.05 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

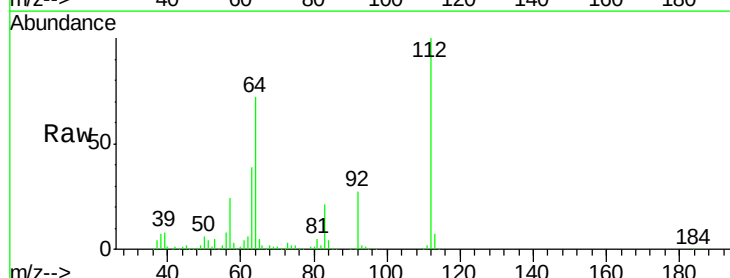
Tgt Ion:112 Resp: 605526

Ion Ratio Lower Upper

112 100

64 71.9 61.5 92.3

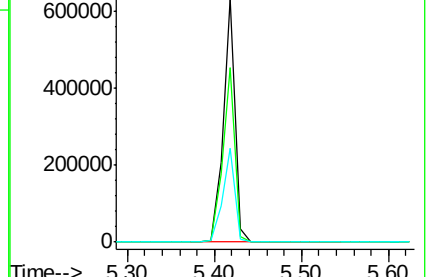
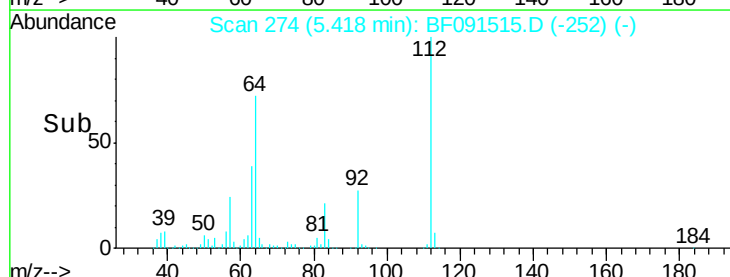
63 38.5 33.3 49.9

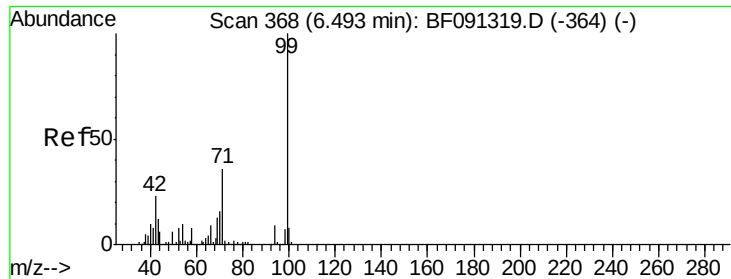


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.62 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.05 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

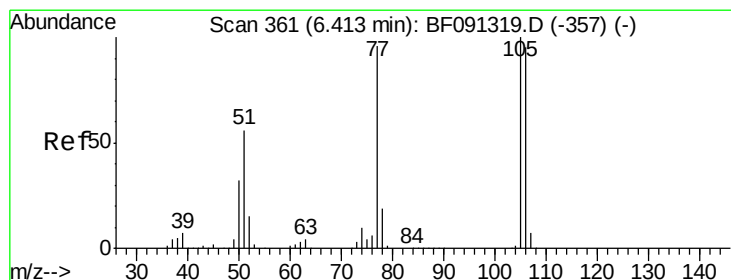
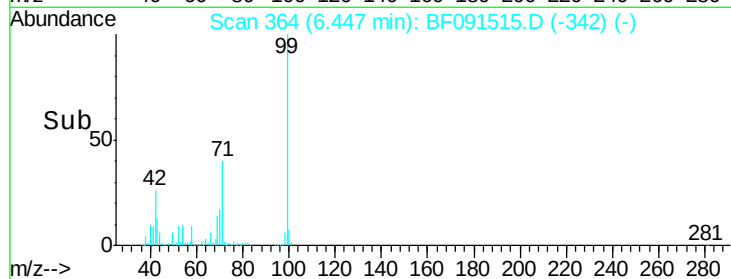
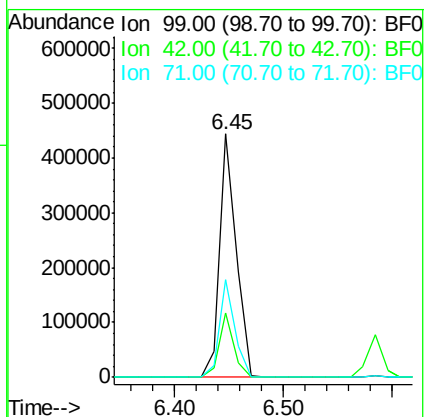
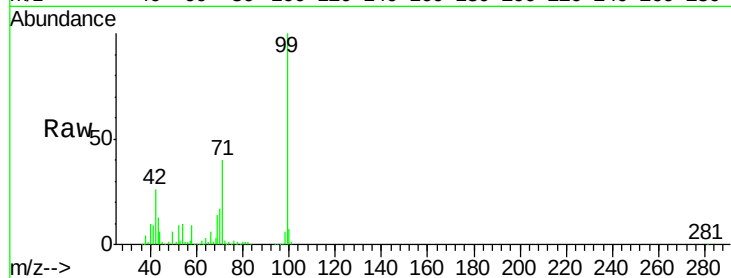
Tgt Ion: 99 Resp: 472431

Ion Ratio Lower Upper

99 100

42 26.3 20.6 31.0

71 40.1 29.9 44.9



#9

Benzaldehyde

Concen: 2.61 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

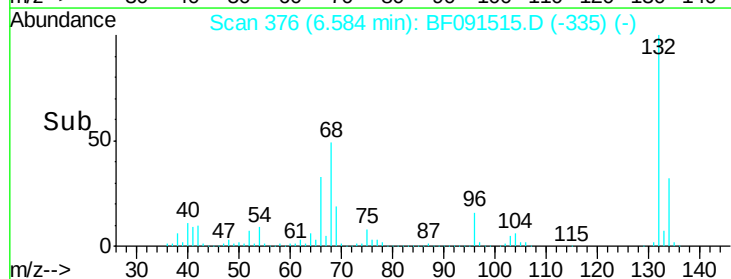
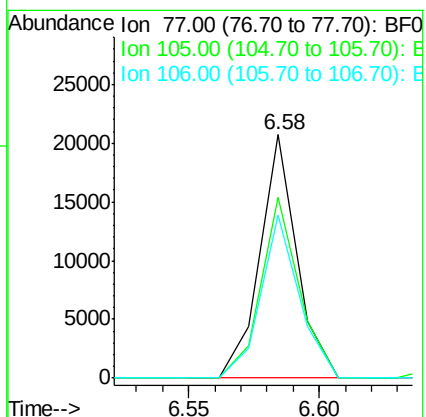
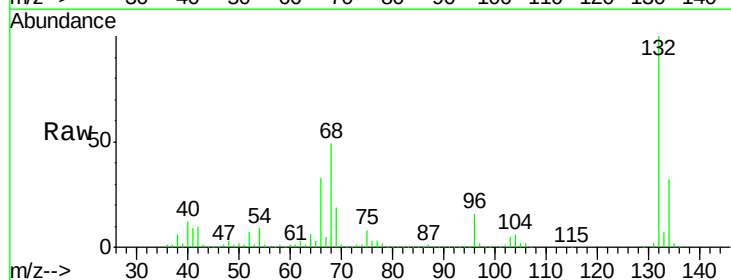
Tgt Ion: 77 Resp: 20549

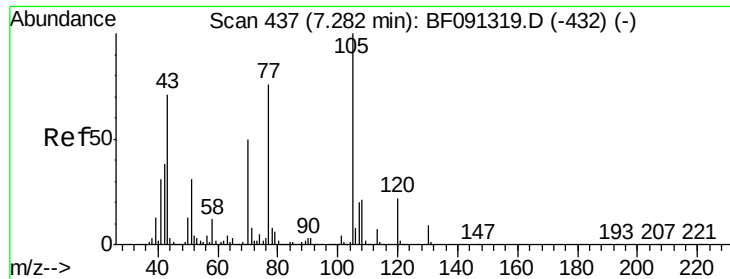
Ion Ratio Lower Upper

77 100

105 74.3 66.4 106.4

106 66.9 60.9 100.9

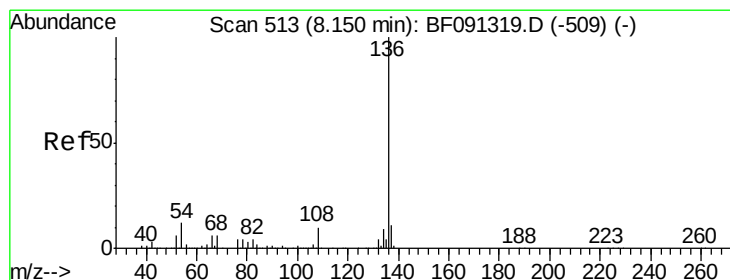
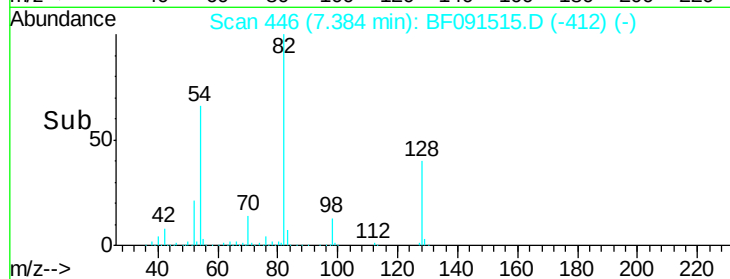
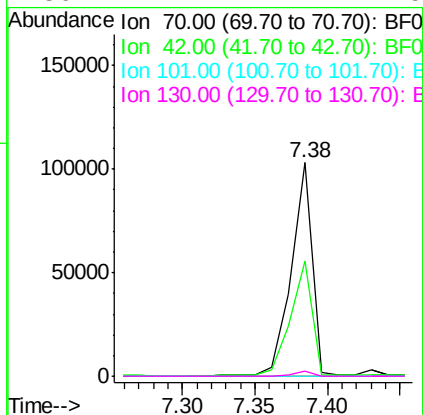
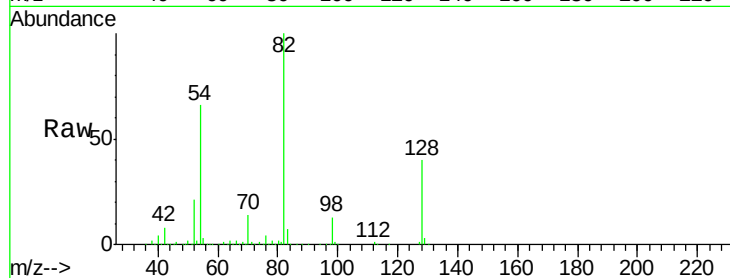




#19
n-Nitroso-di-n-propylamine
Concen: 13.46 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091515.D
Acq: 8 Dec 2016 21:07

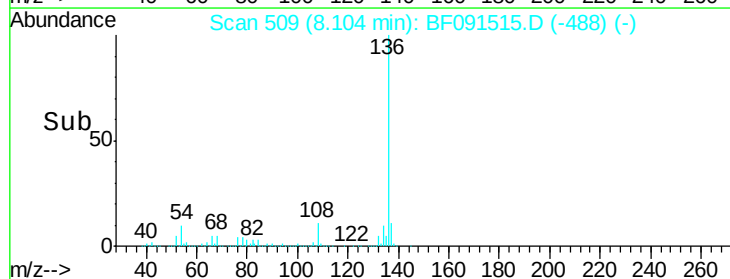
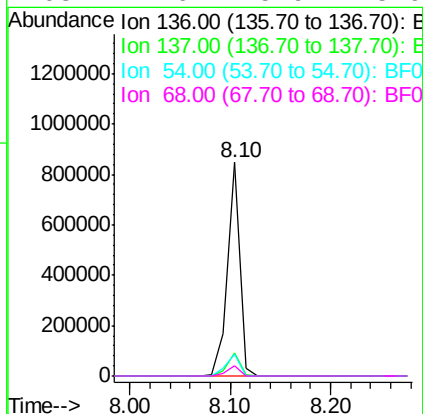
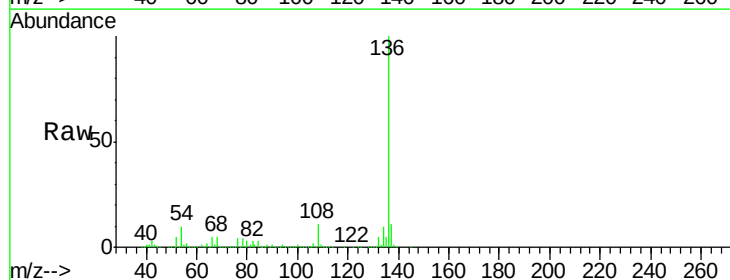
Instrument :
BNA_F
ClientSampleId :
URSMW-07

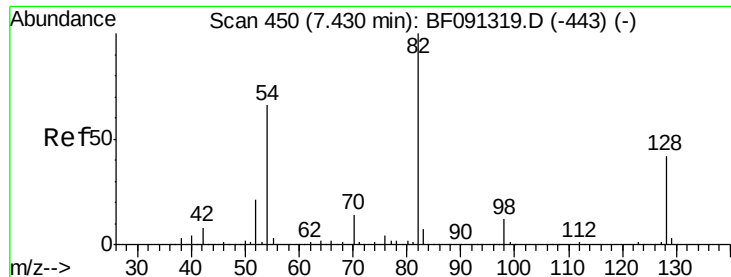
Tgt Ion: 70 Resp: 103762
Ion Ratio Lower Upper
70 100
42 53.8 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091515.D
Acq: 8 Dec 2016 21:07

Tgt Ion: 136 Resp: 723597
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 9.1 13.7
68 4.6 5.9 8.9#

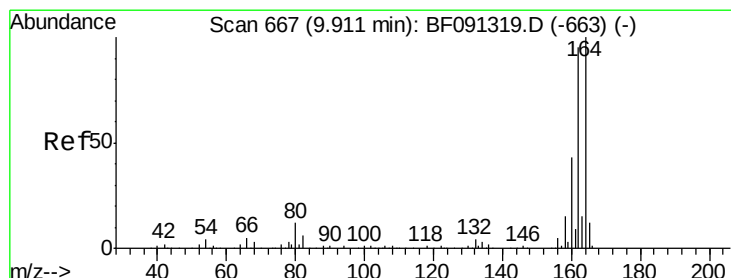
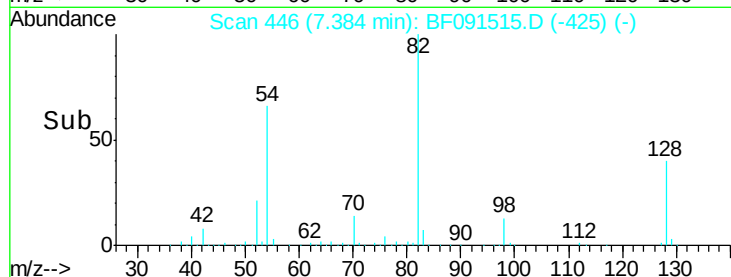
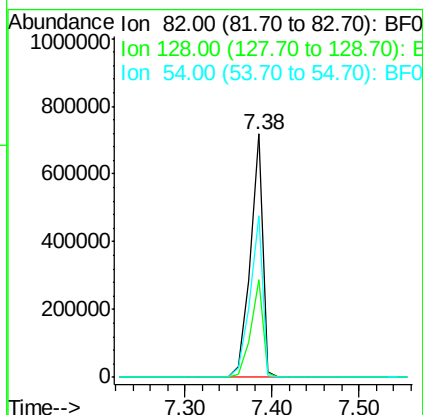
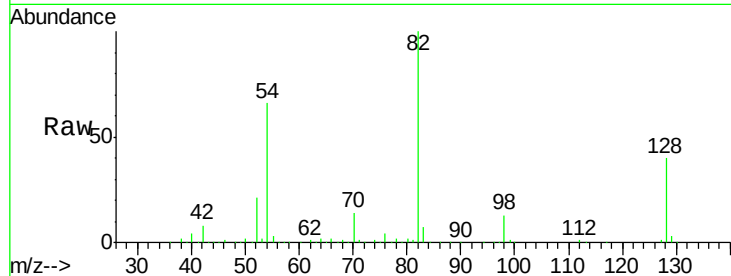




#23
 Nitrobenzene-d5
 Concen: 56.01 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

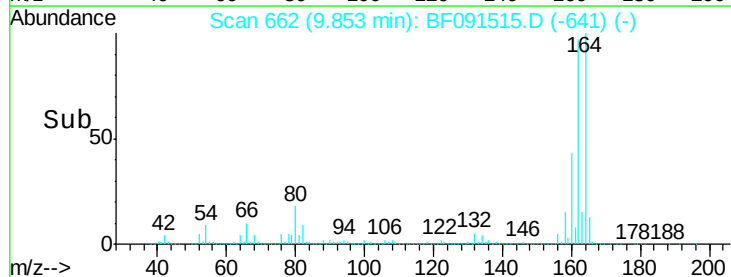
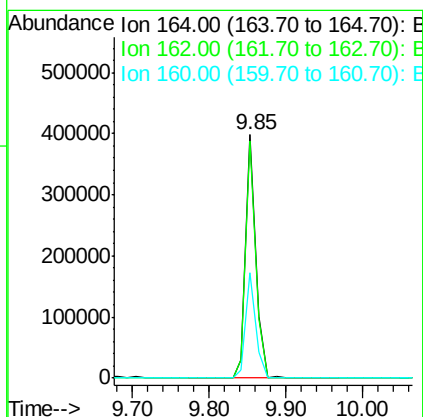
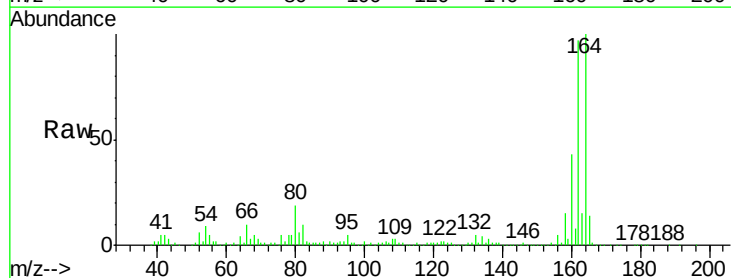
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

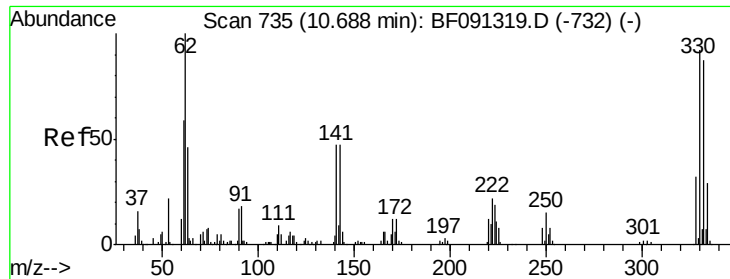
Tgt Ion: 82 Resp: 723171
 Ion Ratio Lower Upper
 82 100
 128 40.0 31.8 47.6
 54 66.4 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

Tgt Ion: 164 Resp: 366593
 Ion Ratio Lower Upper
 164 100
 162 97.3 82.6 124.0
 160 43.3 36.7 55.1

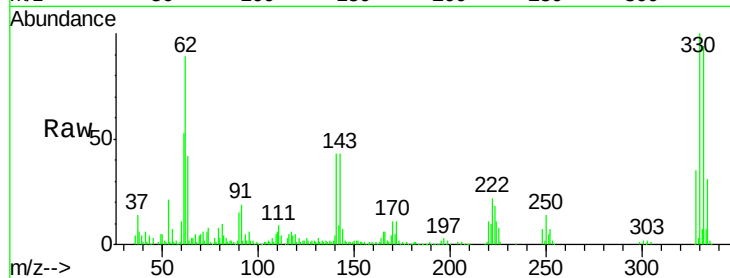




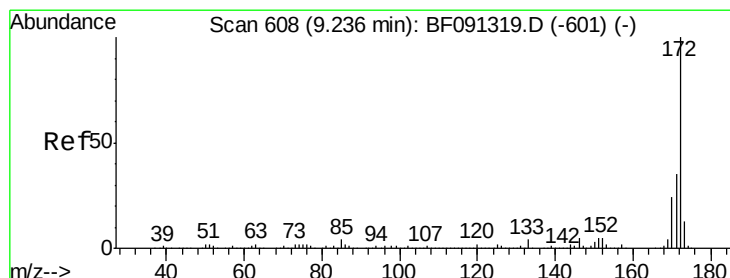
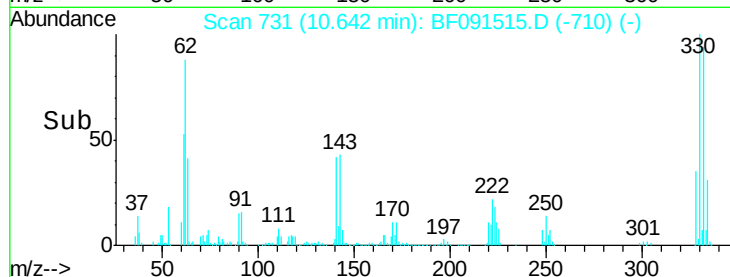
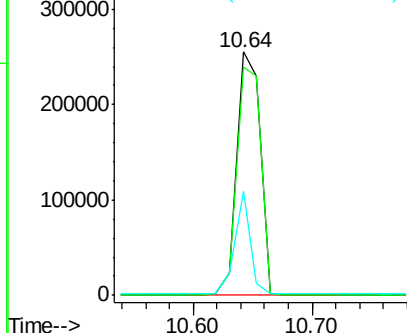
#41
 2,4,6-Tribromophenol
 Concen: 101.45 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Tgt Ion:330 Resp: 352098
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 28.3 33.6 50.4#

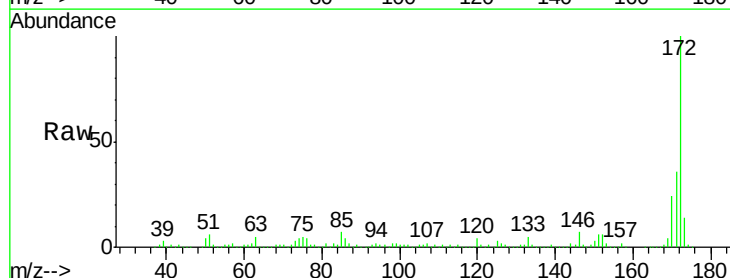


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

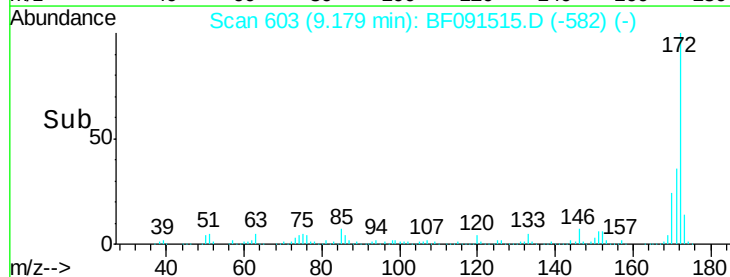
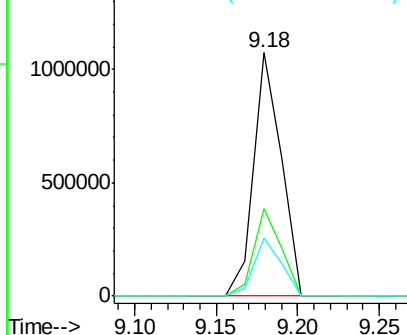


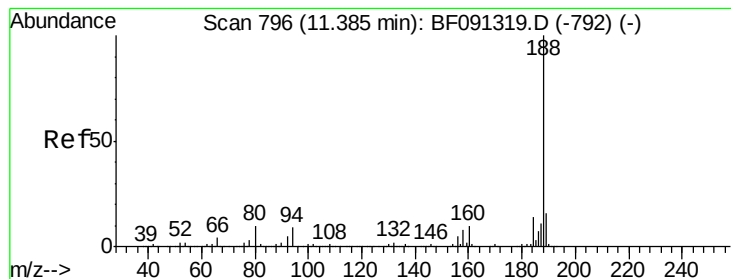
#44
 2-Fluorobiphenyl
 Concen: 62.48 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

Tgt Ion:172 Resp: 1265049
 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.06 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

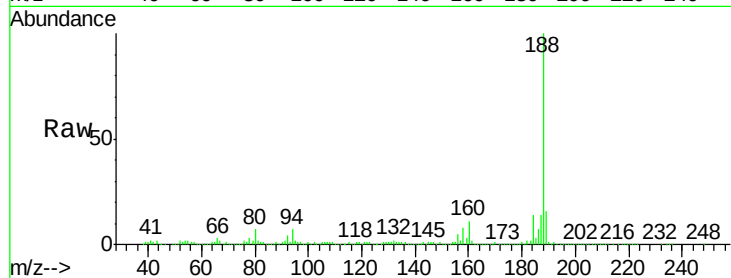
Tgt Ion:188 Resp: 665115

Ion Ratio Lower Upper

188 100

94 6.9 9.2 13.8#

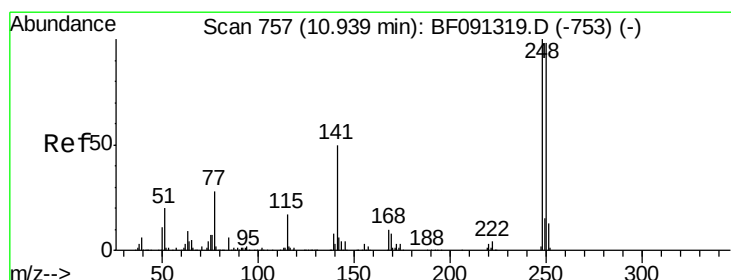
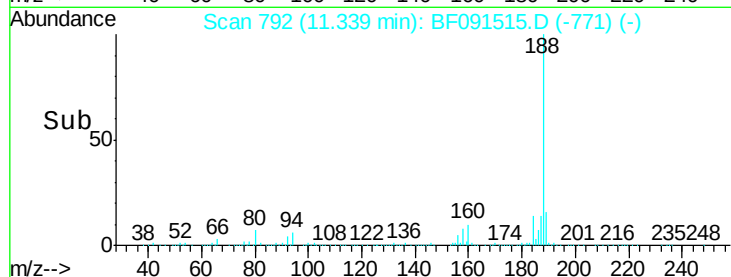
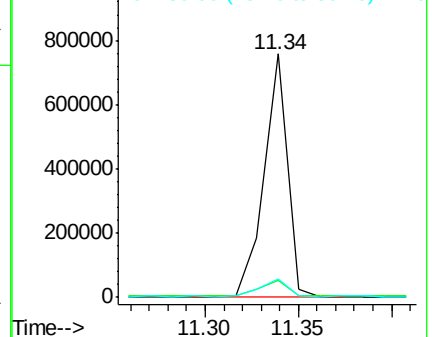
80 7.3 10.5 15.7#



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: 2.82 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.31 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

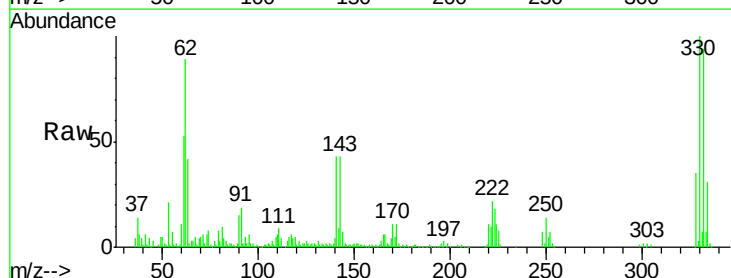
Tgt Ion:248 Resp: 20154

Ion Ratio Lower Upper

248 100

250 191.7 78.2 117.4#

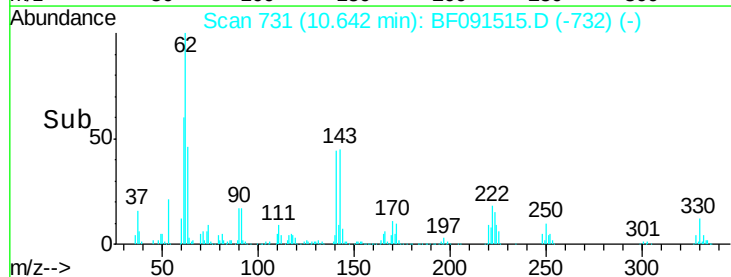
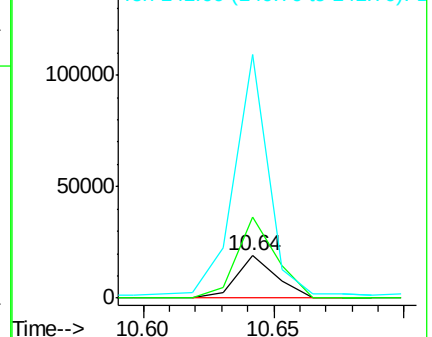
141 573.4 71.9 107.9#

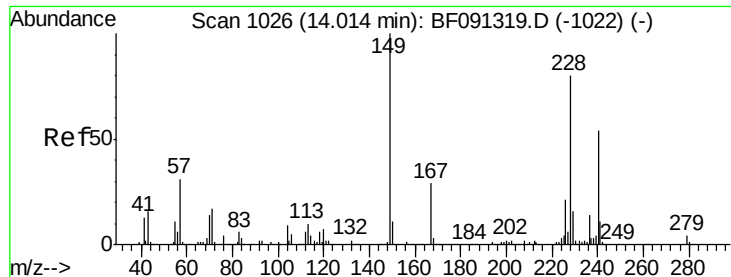


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

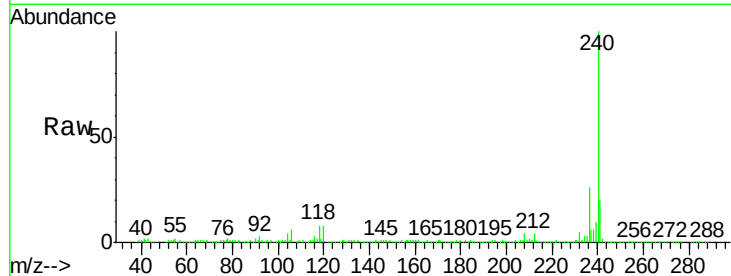
Tgt Ion:240 Resp: 422770

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

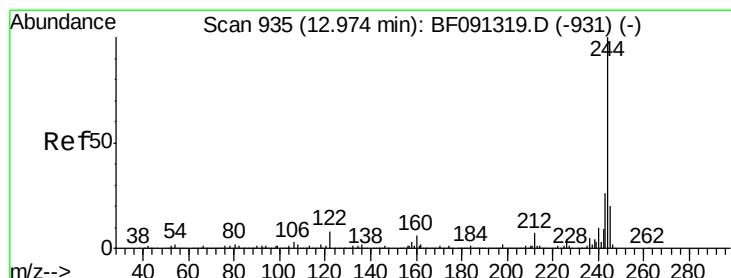
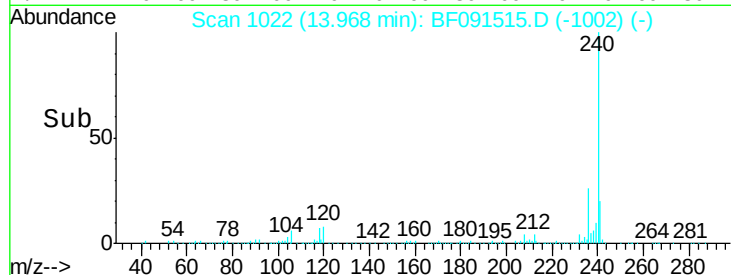
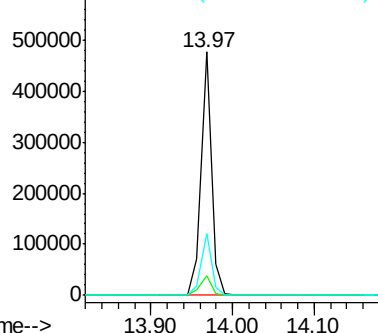
236 25.6 21.0 31.6



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: 64.29 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

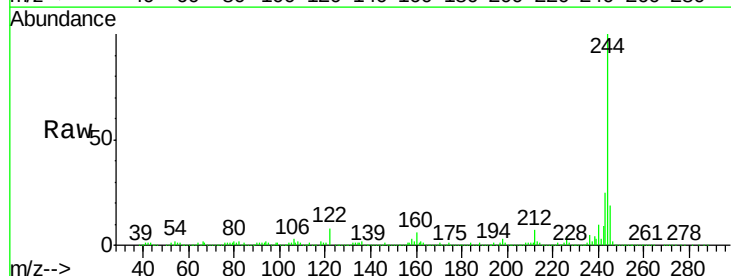
Tgt Ion:244 Resp: 1250473

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

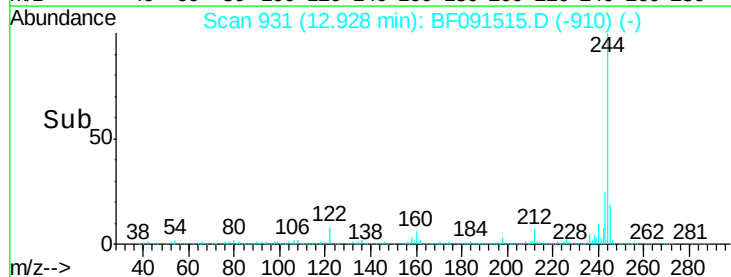
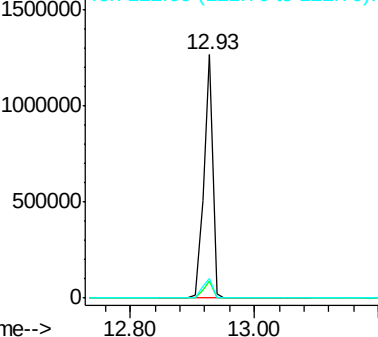
122 8.0 9.5 14.3#

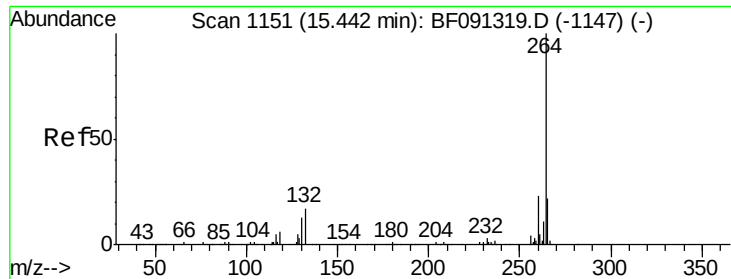


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF091515.D
Acq: 8 Dec 2016 21:07

Instrument :
BNA_F
ClientSampleId :
URSMW-07

Tgt Ion: 264 Resp: 385602

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.1	17.0	25.6

