

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091516.D
 Acq On : 8 Dec 2016 21:35
 Operator : UM/SJ
 Sample : H5886-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

Quant Time: Dec 09 00:10:33 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

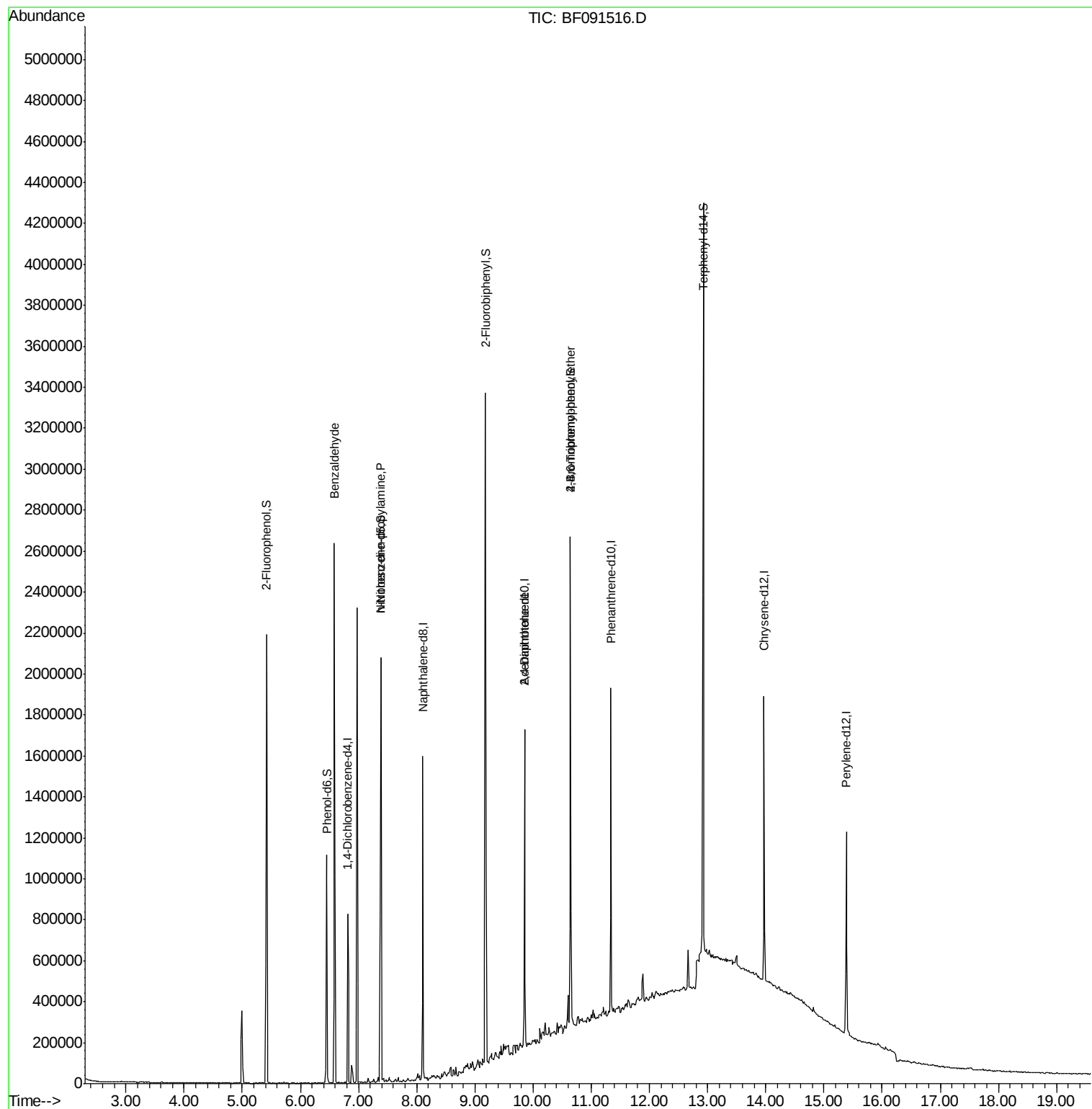
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144999	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	639168	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	334369	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	598413	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	491571	20.00	ng	-0.07
86) Perylene-d12	15.39	264	476129	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	502131	56.57	ng	-0.05
7) Phenol-d6	6.46	99	492897	45.11	ng	-0.04
23) Nitrobenzene-d5	7.38	82	663791	58.20	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	300551	94.95	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1098655	59.49	ng	-0.06
78) Terphenyl-d14	12.93	244	1346047	59.52	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	18298	2.60	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.38	70	91297	13.26	ng	# 73
56) 2,4-Dinitrotoluene	9.85	165	45982	7.83	ng	# 35
66) 4-Bromophenyl-phenylether	10.64	248	17965	2.79	ng	# 1

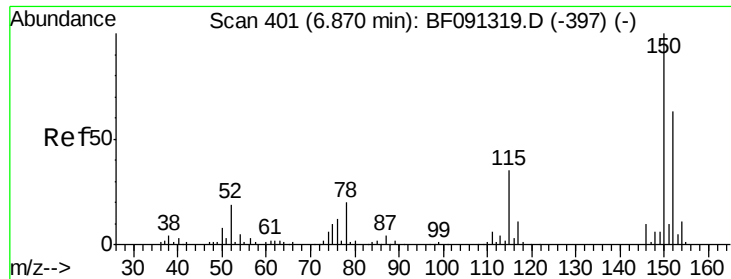
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

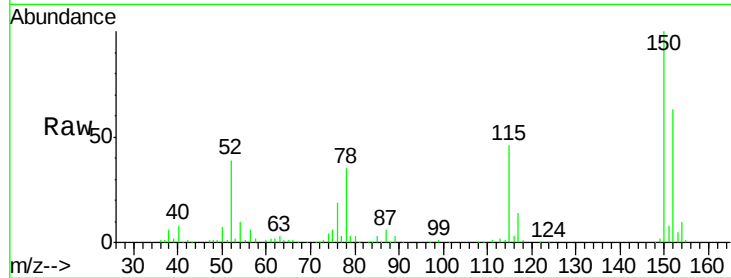
Tgt Ion:152 Resp: 144999

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

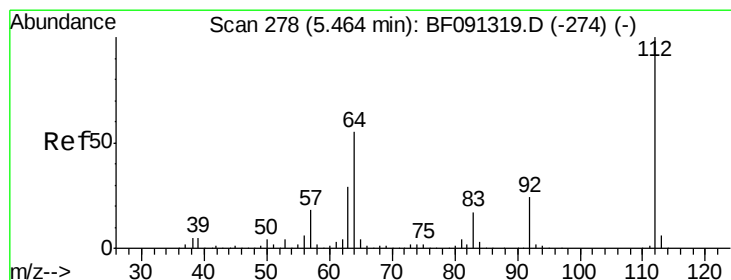
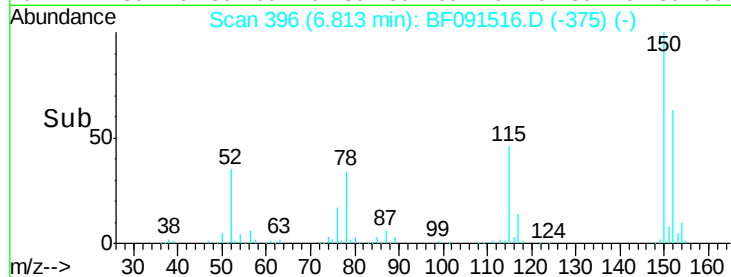
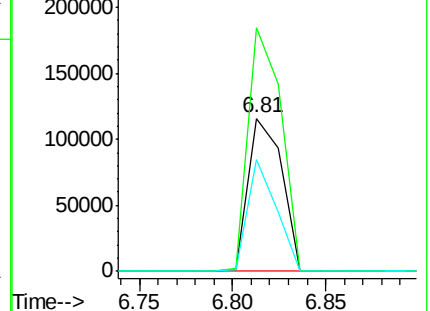
115 72.7 51.8 77.8



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: 56.57 ng

RT: 5.42 min Scan# 274

Delta R.T. -0.05 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

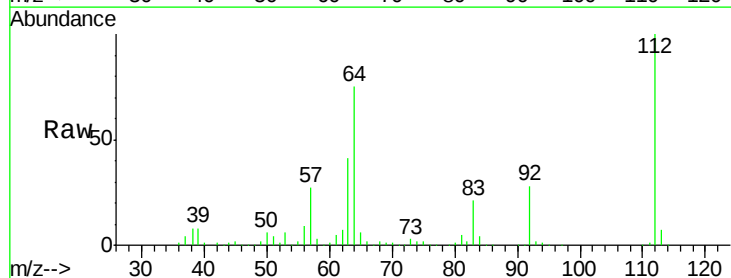
Tgt Ion:112 Resp: 502131

Ion Ratio Lower Upper

112 100

64 74.9 61.5 92.3

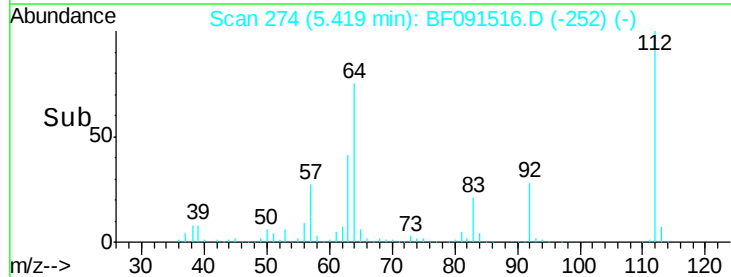
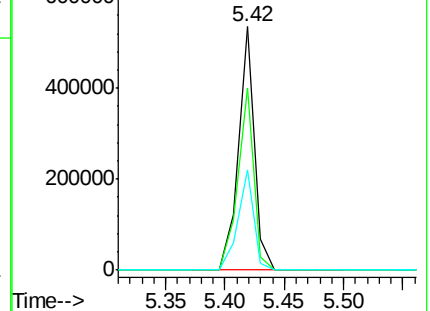
63 41.0 33.3 49.9

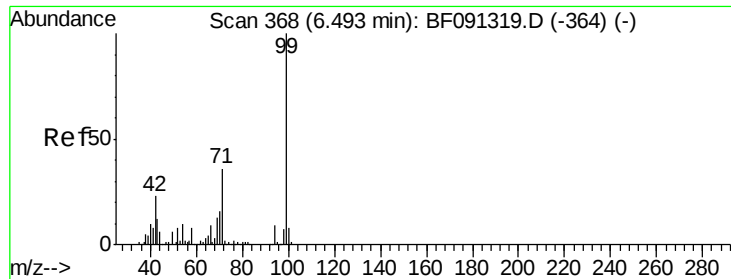


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.11 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

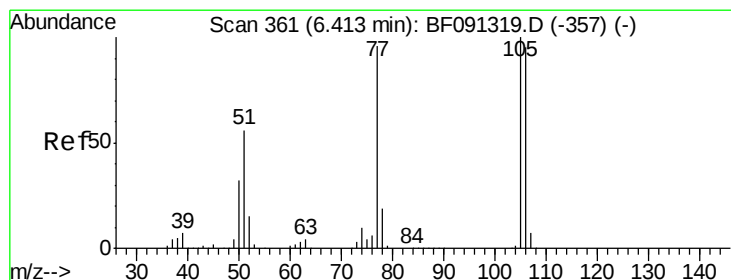
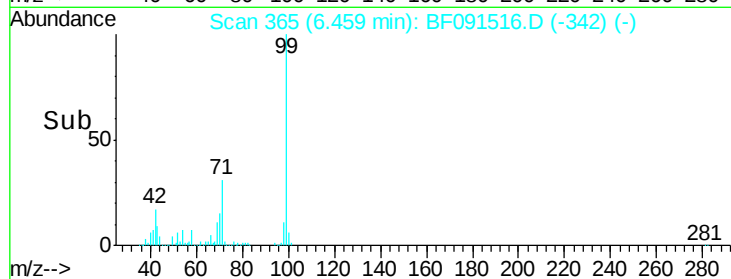
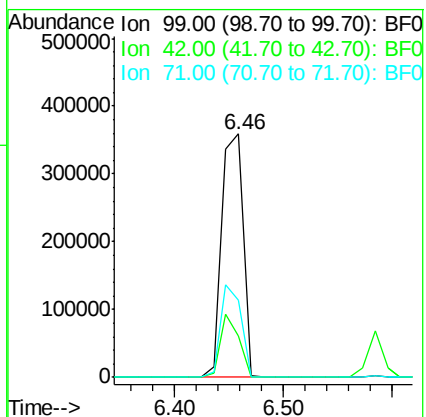
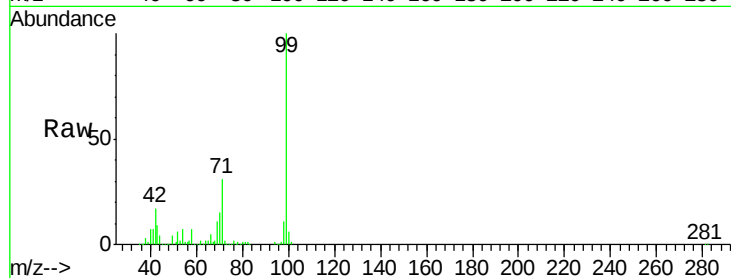
Tgt Ion: 99 Resp: 492897

Ion Ratio Lower Upper

99 100

42 17.1 20.6 31.0#

71 31.5 29.9 44.9



#9

Benzaldehyde

Concen: 2.60 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

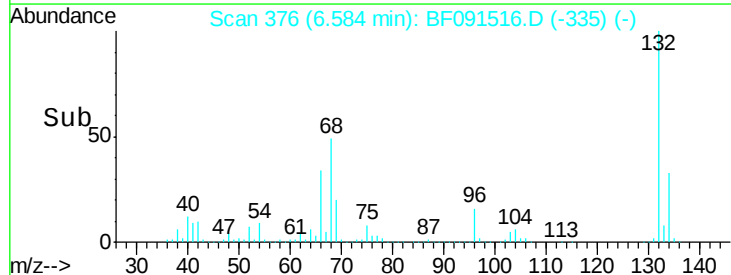
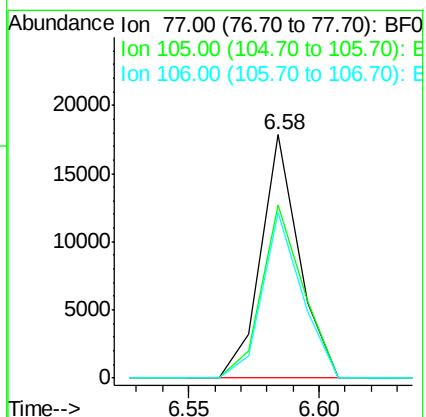
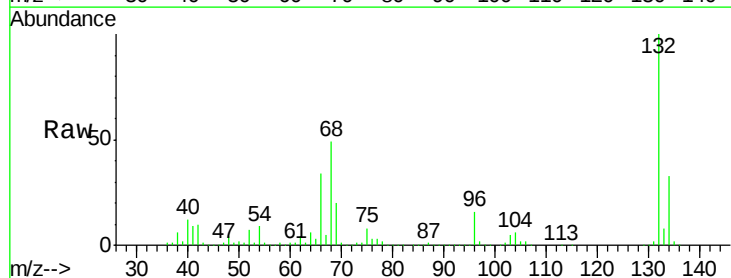
Tgt Ion: 77 Resp: 18298

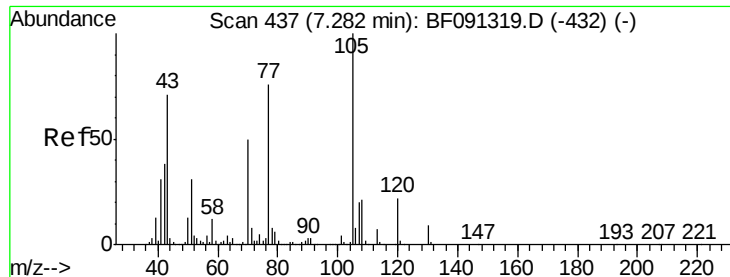
Ion Ratio Lower Upper

77 100

105 71.0 66.4 106.4

106 68.1 60.9 100.9

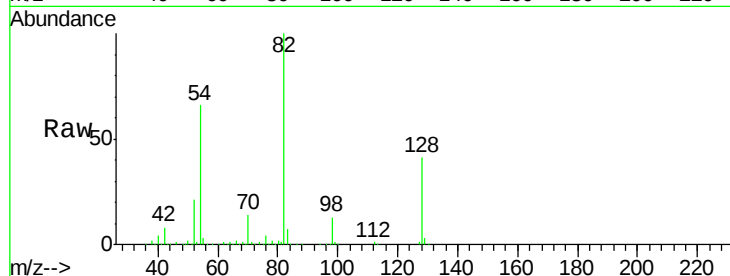




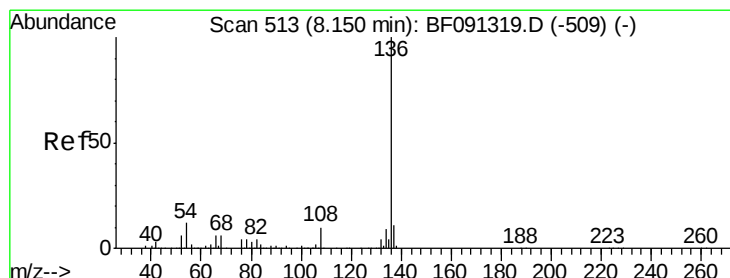
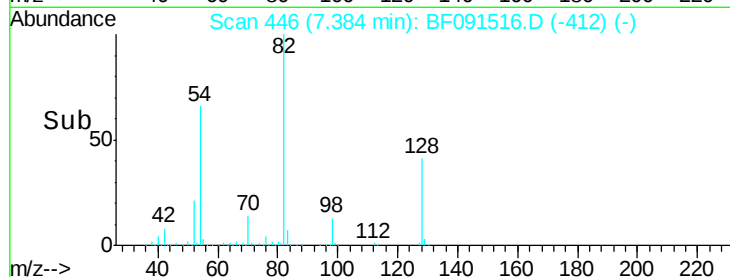
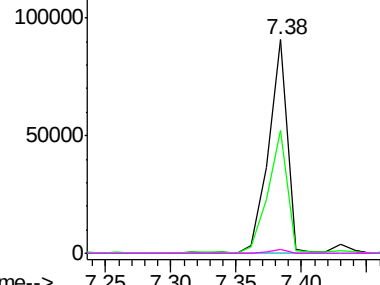
#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 70 Resp: 91297
Ion Ratio Lower Upper
70 100
42 57.5 64.8 97.2#
101 0.0 6.2 9.4#
130 1.8 11.7 17.5#

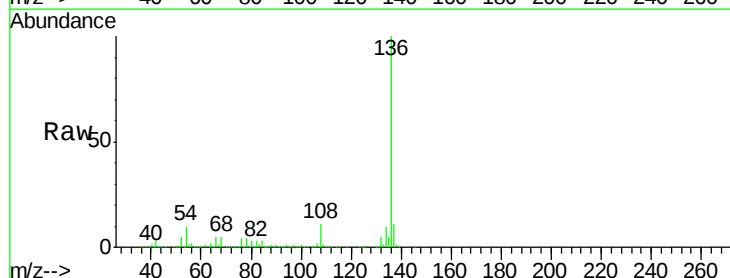


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

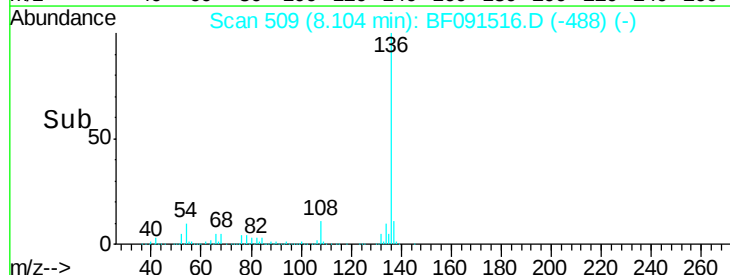
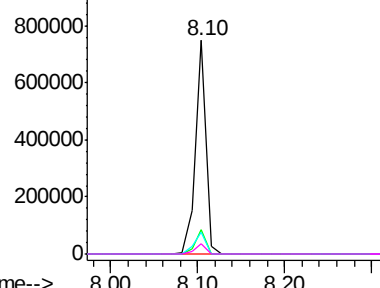


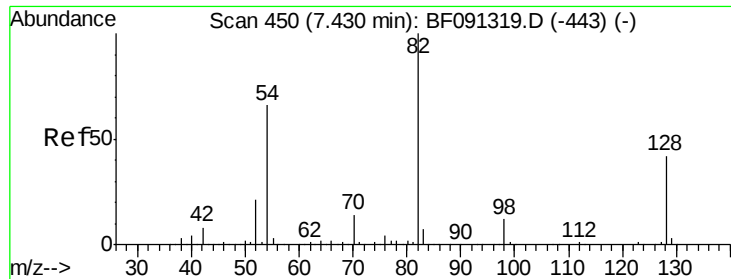
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion: 136 Resp: 639168
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.5 9.1 13.7
68 4.5 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

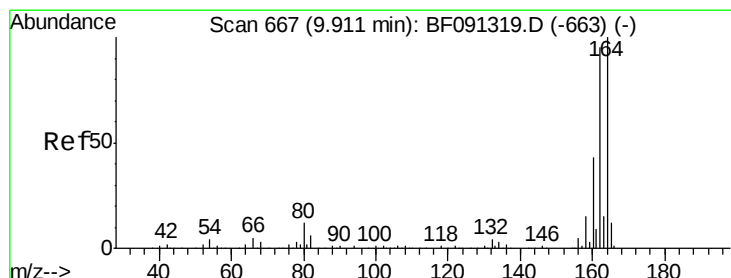
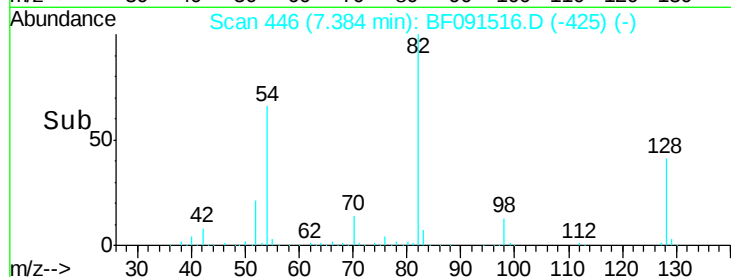
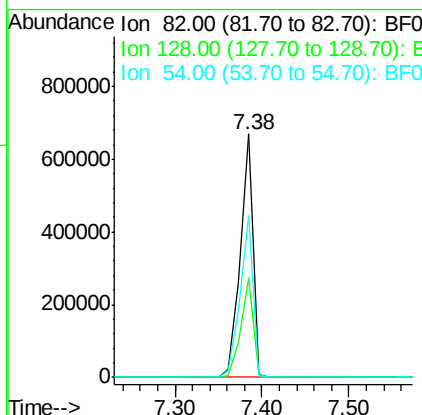
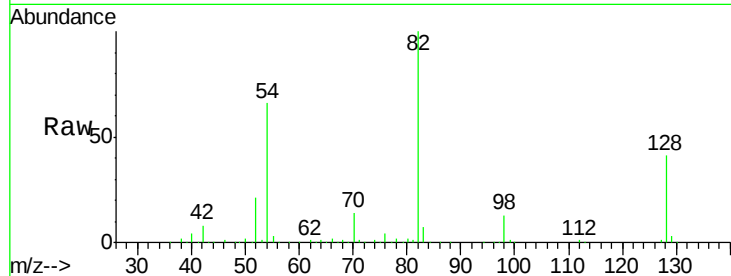




#23
Nitrobenzene-d5
Concen: 58.20 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

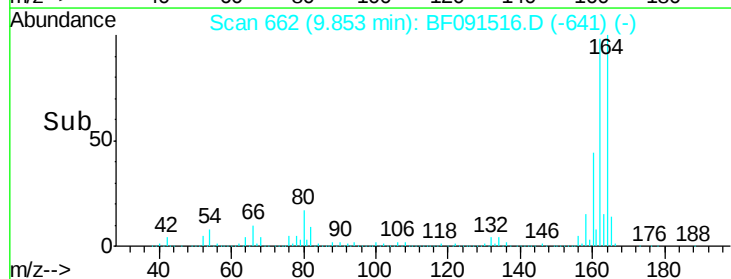
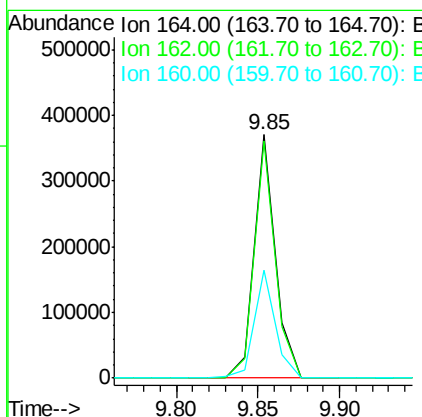
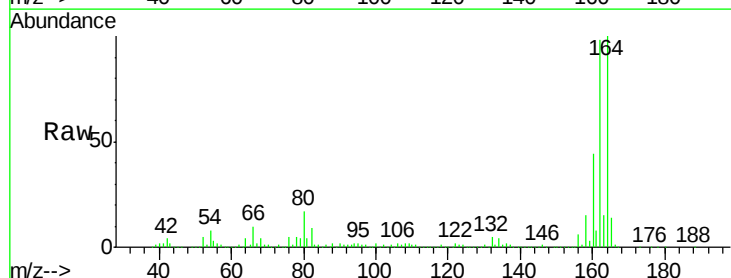
Instrument :
BNA_F
ClientSampled :
URSMW-13

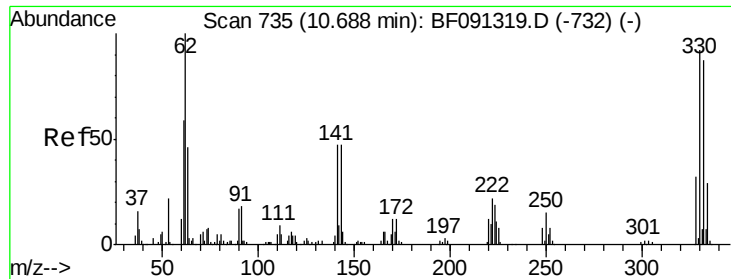
Tgt Ion: 82 Resp: 663791
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 66.4 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion: 164 Resp: 334369
Ion Ratio Lower Upper
164 100
162 97.7 82.6 124.0
160 44.2 36.7 55.1

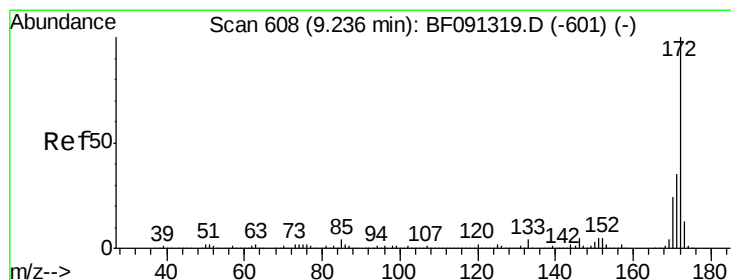
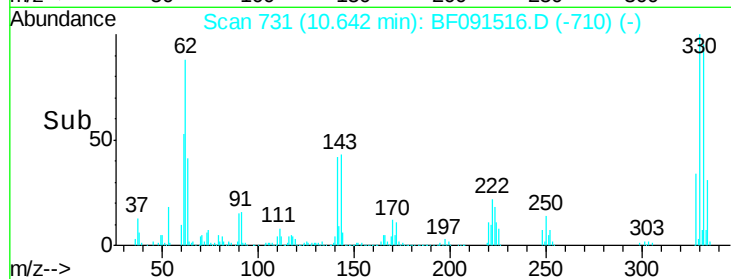
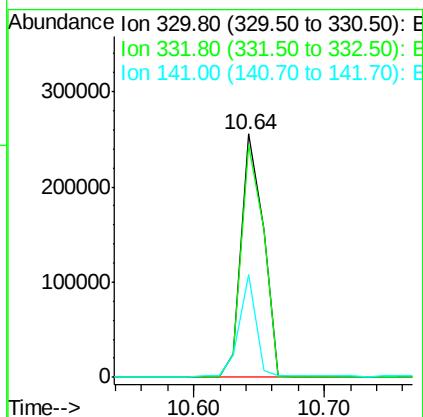
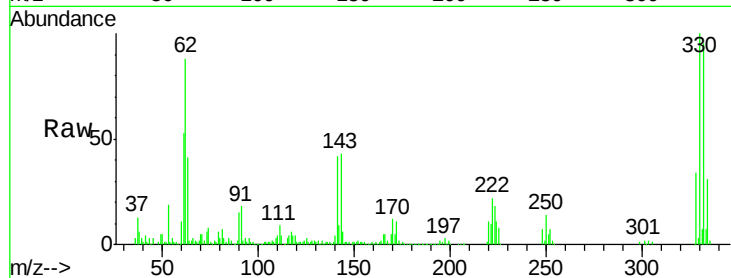




#41
 2,4,6-Tribromophenol
 Concen: 94.95 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091516.D
 Acq: 8 Dec 2016 21:35

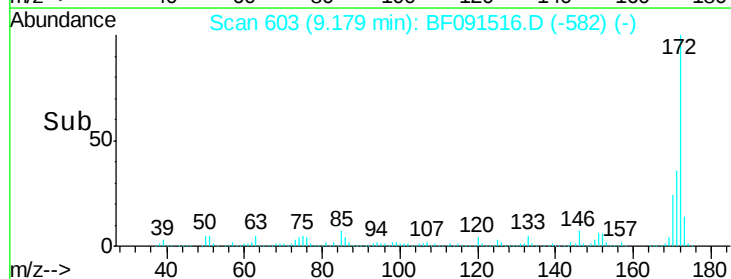
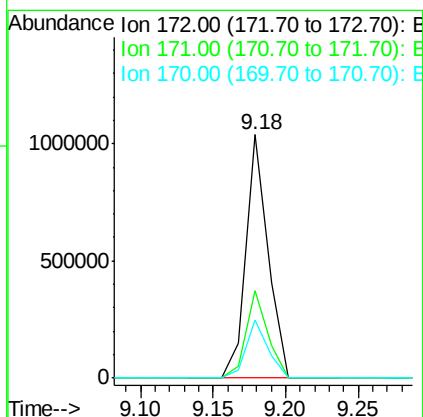
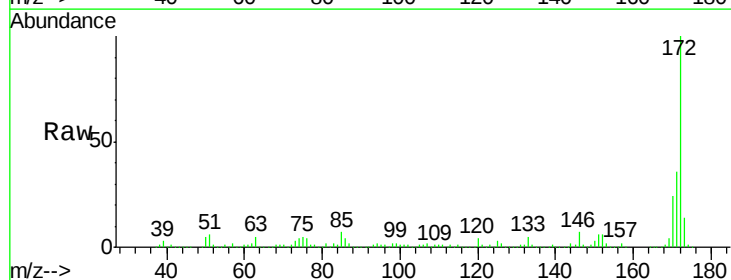
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

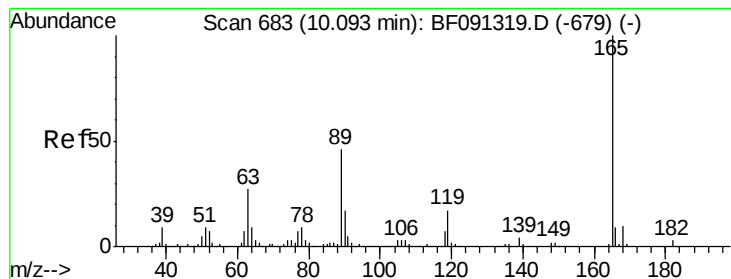
Tgt Ion:330 Resp: 300551
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 31.5 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 59.49 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091516.D
 Acq: 8 Dec 2016 21:35

Tgt Ion:172 Resp: 1098655
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 19.7 29.5





#56

2,4-Dinitrotoluene

Concen: 7.83 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.25 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

Tgt Ion:165 Resp: 45982

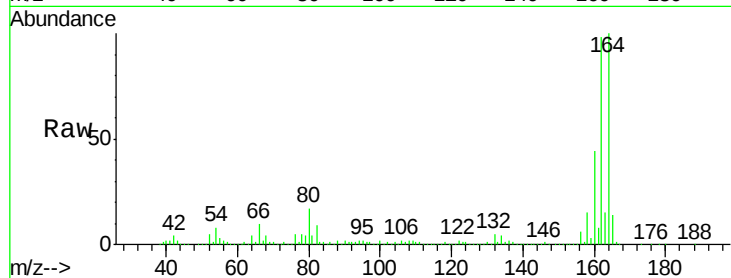
Ion Ratio Lower Upper

165 100

63 2.3 29.0 43.4#

89 1.7 43.1 64.7#

182 0.0 1.9 2.9#

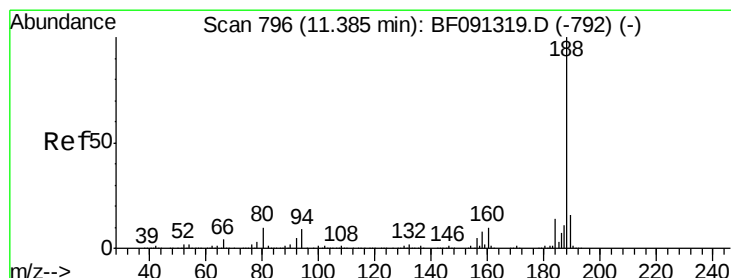
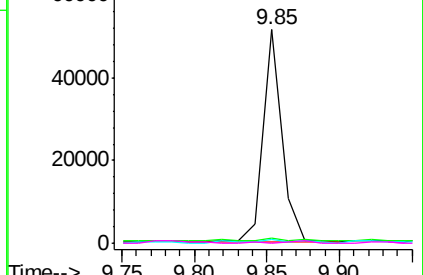
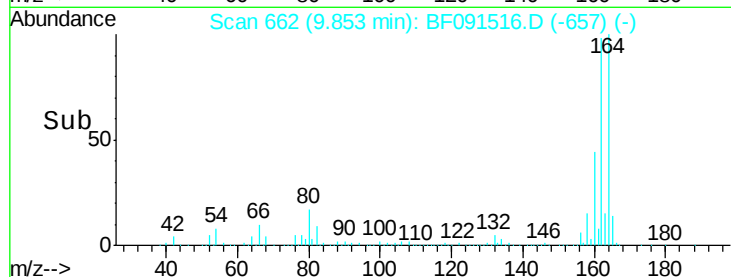


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF091516.D

Acq: 8 Dec 2016 21:35

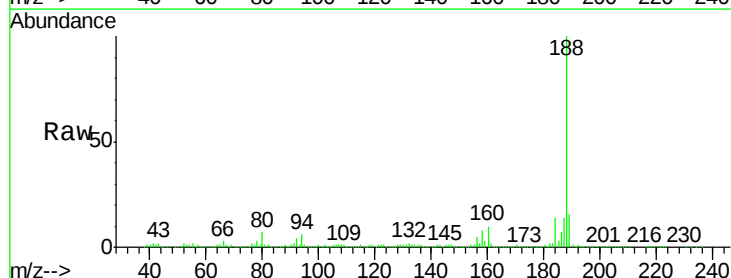
Tgt Ion:188 Resp: 598413

Ion Ratio Lower Upper

188 100

94 6.4 9.2 13.8#

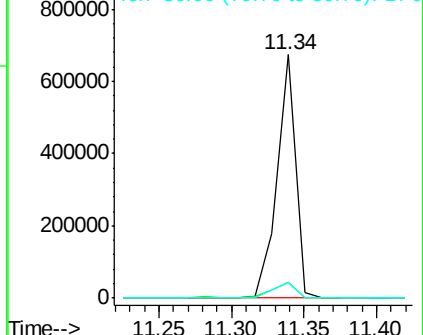
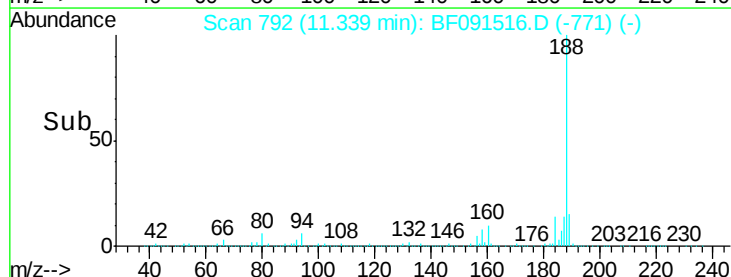
80 6.7 10.5 15.7#

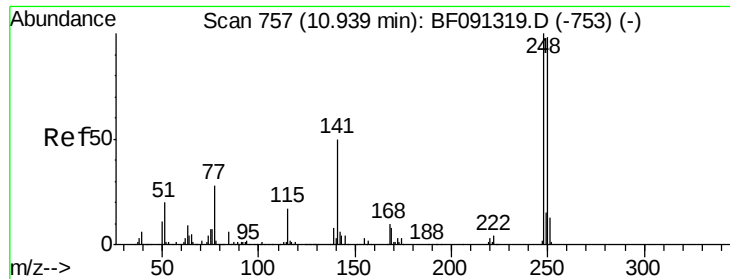


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

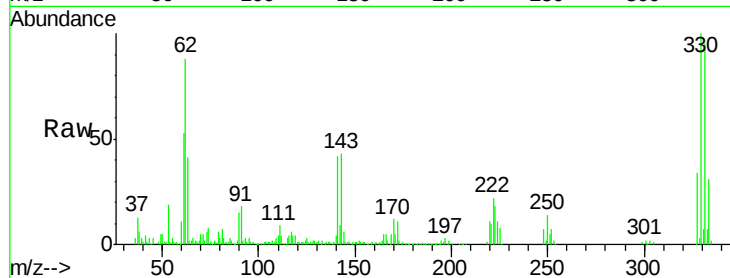




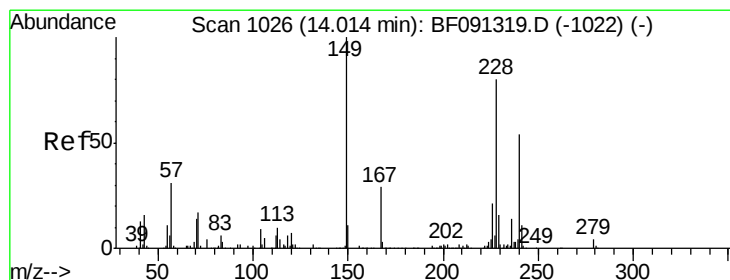
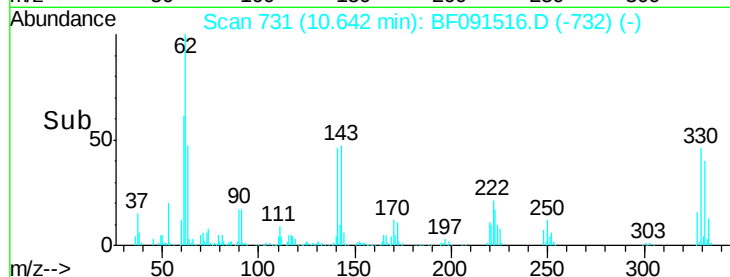
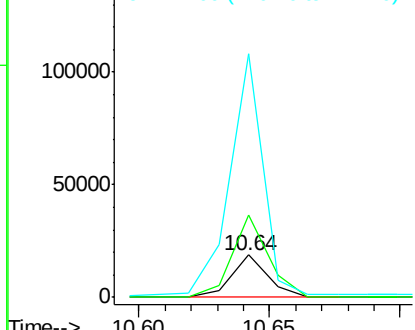
#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampled :
URSMW-13

Tgt Ion:248 Resp: 17965
Ion Ratio Lower Upper
248 100
250 194.8 78.2 117.4#
141 574.1 71.9 107.9#

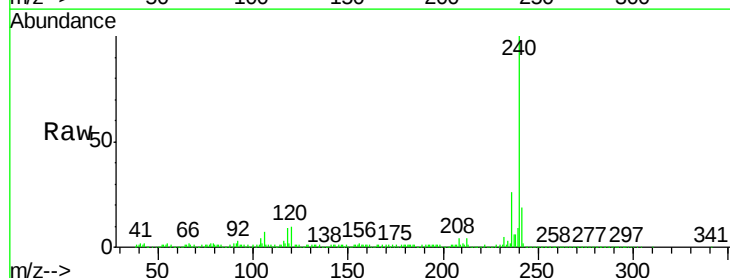


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

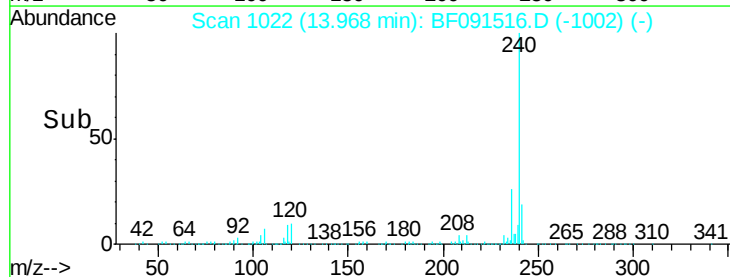
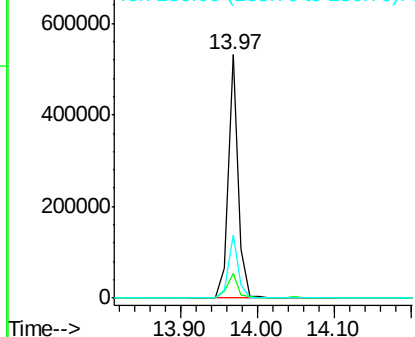


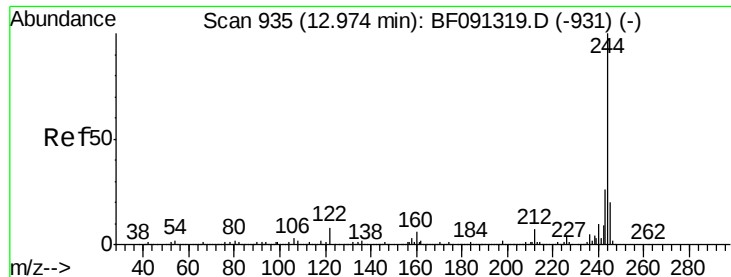
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:240 Resp: 491571
Ion Ratio Lower Upper
240 100
120 10.2 12.1 18.1#
236 26.2 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: 59.52 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

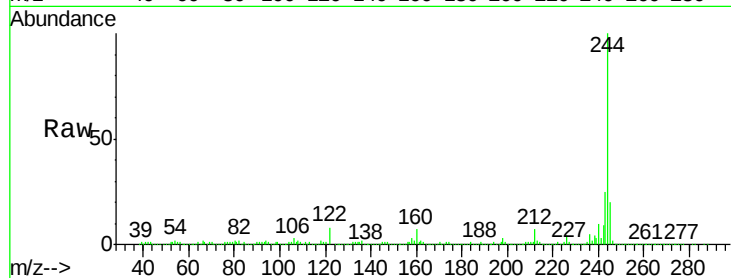
Tgt Ion:244 Resp: 1346047

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

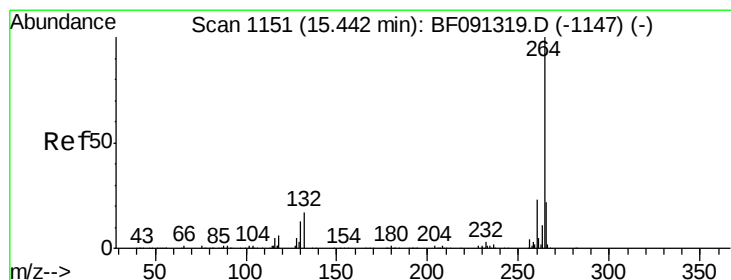
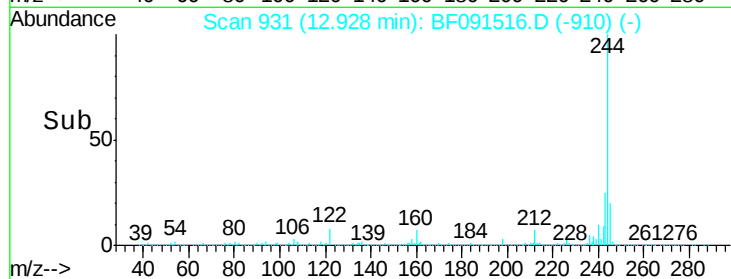
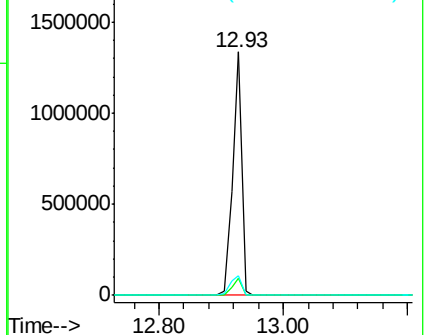
122 8.0 9.5 14.3#



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: BF091516.D

Acq: 8 Dec 2016 21:35

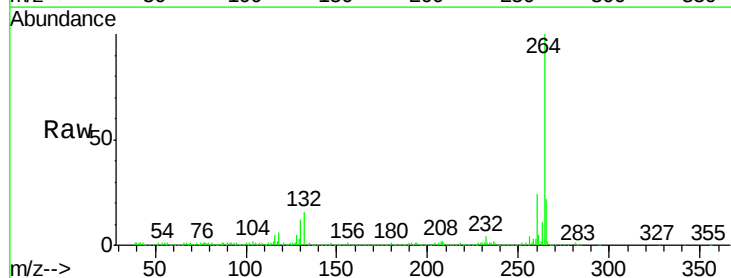
Tgt Ion:264 Resp: 476129

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 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

