

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091523.D
 Acq On : 9 Dec 2016 00:48
 Operator : UM/SJ
 Sample : H5917-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-04

Quant Time: Dec 09 02:08:27 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

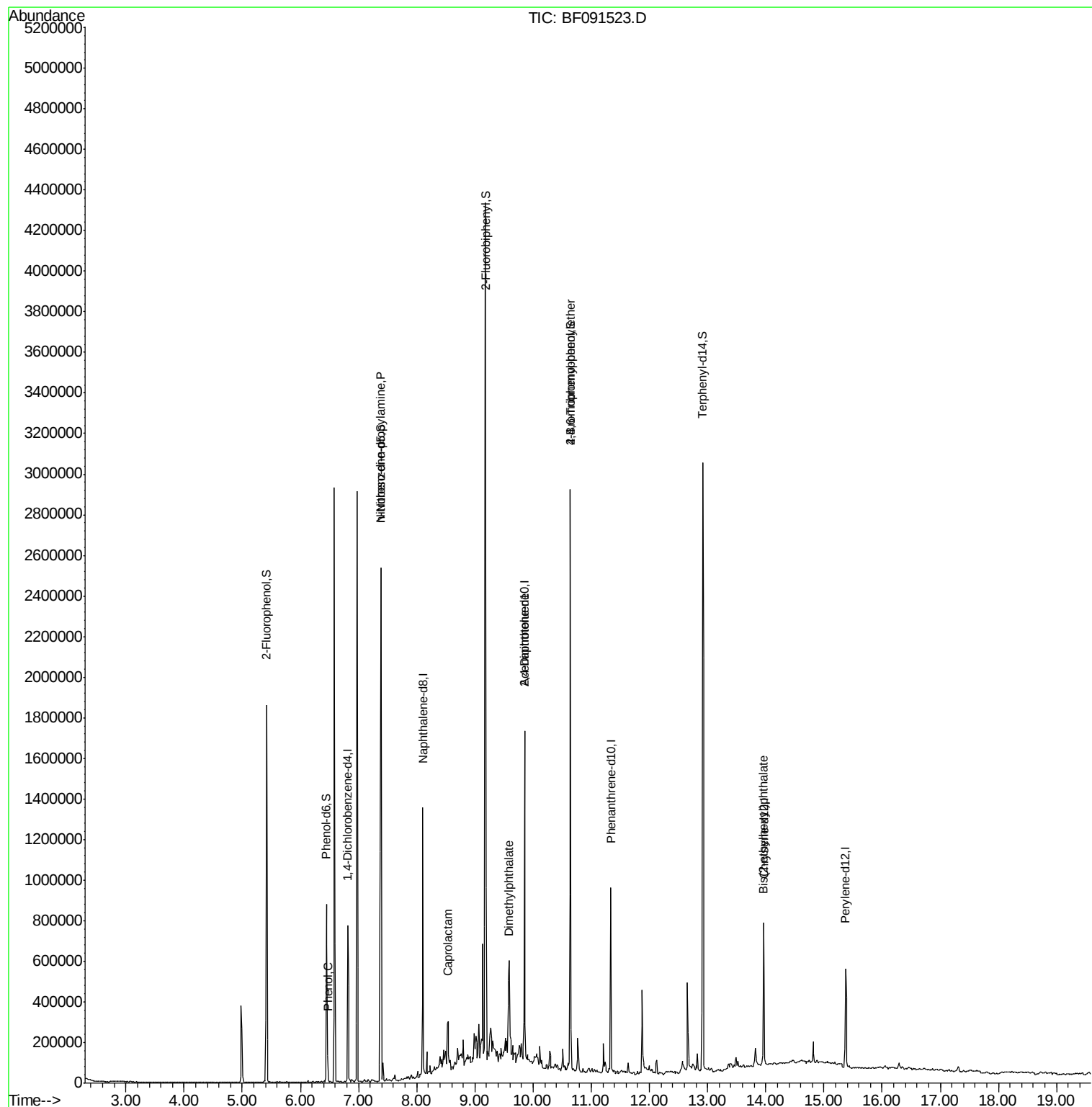
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135176	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	548934	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	310206	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	487776	20.00	ng	0.00
75) Chrysene-d12	13.97	240	333774	20.00	ng	0.00
86) Perylene-d12	15.37	264	254109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	397716	48.06	ng	0.01
7) Phenol-d6	6.45	99	328293	32.23	ng	-0.01
23) Nitrobenzene-d5	7.38	82	820001	83.71	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	303095	103.21	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1285527	75.03	ng	-0.01
78) Terphenyl-d14	12.92	244	1258564	81.96	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.47	94	47131	3.93	ng	85
19) n-Nitroso-di-n-propylamine	7.38	70	116506	18.16	ng	# 73
35) Caprolactam	8.54	113	9004	4.17	ng	# 68
49) Dimethylphthalate	9.58	163	72026	3.83	ng	# 97
56) 2,4-Dinitrotoluene	9.85	165	39707	7.29	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	20615	3.93	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.96	149	28056	2.33	ng	96

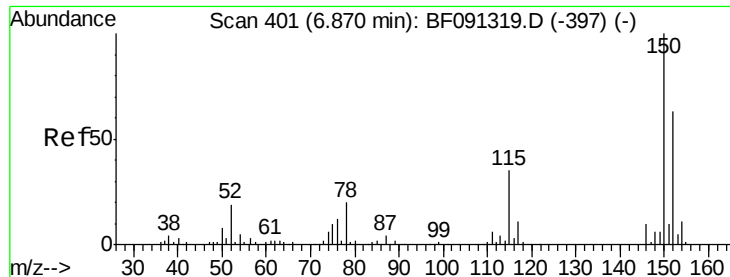
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091523.D

Acq: 9 Dec 2016 00:48

Instrument :

BNA_F

ClientSampleId :

URSMW-04

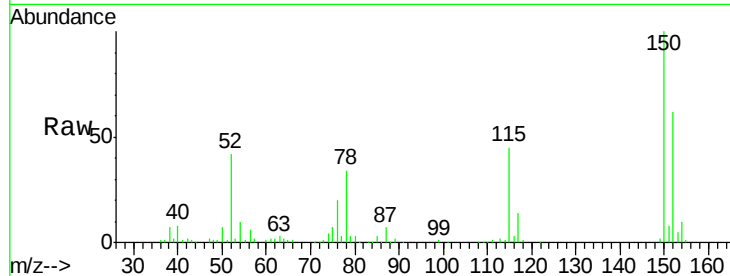
Tgt Ion:152 Resp: 135176

Ion Ratio Lower Upper

152 100

150 162.1 122.5 183.7

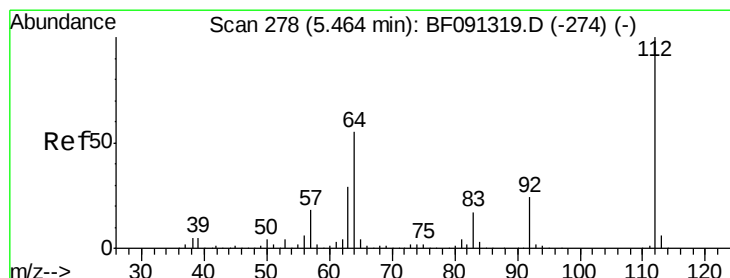
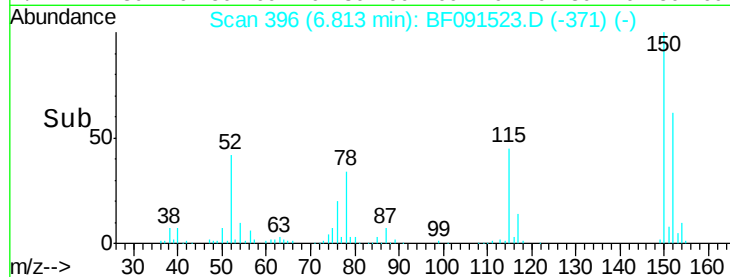
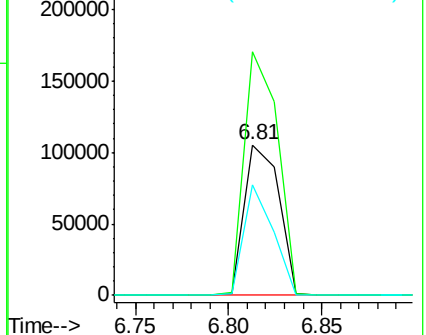
115 73.3 51.8 77.8



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: 48.06 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

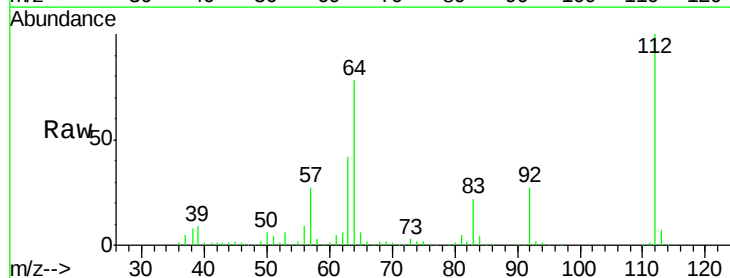
Tgt Ion:112 Resp: 397716

Ion Ratio Lower Upper

112 100

64 77.7 61.5 92.3

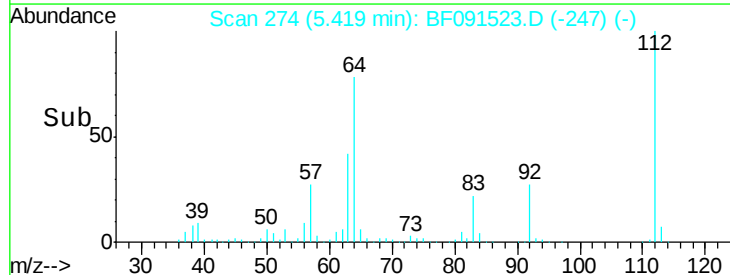
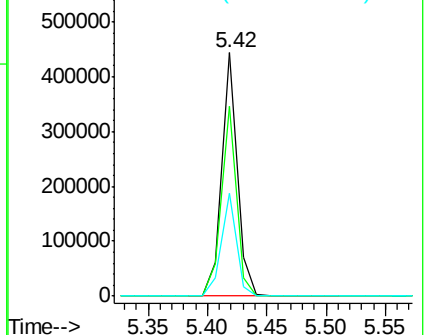
63 42.4 33.3 49.9



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: 32.23 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

Instrument :

BNA_F

ClientSampleId :

URSMW-04

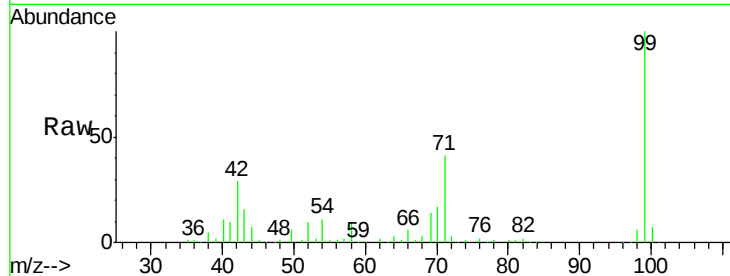
Tgt Ion: 99 Resp: 328293

Ion Ratio Lower Upper

99 100

42 29.0 20.6 31.0

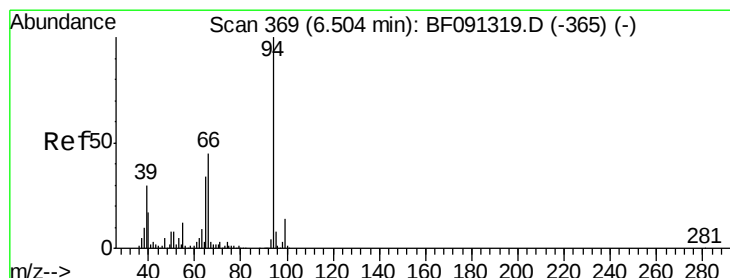
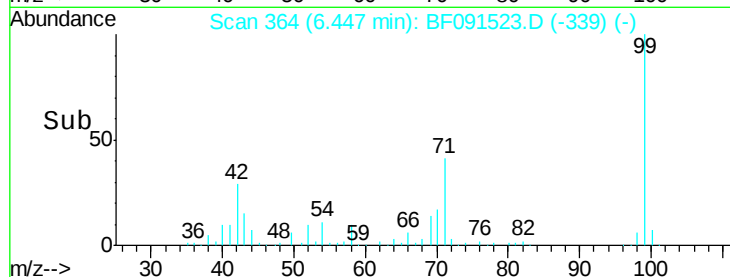
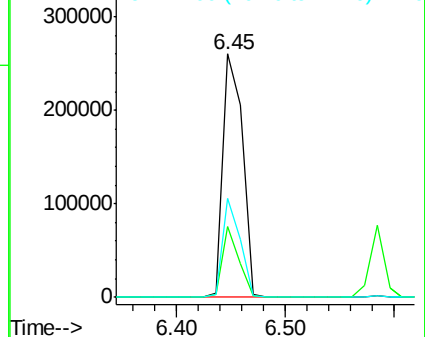
71 40.7 29.9 44.9



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



#10

Phenol

Concen: 3.93 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

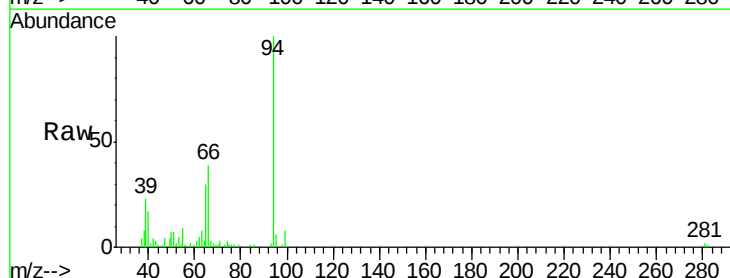
Tgt Ion: 94 Resp: 47131

Ion Ratio Lower Upper

94 100

65 29.6 16.9 56.9

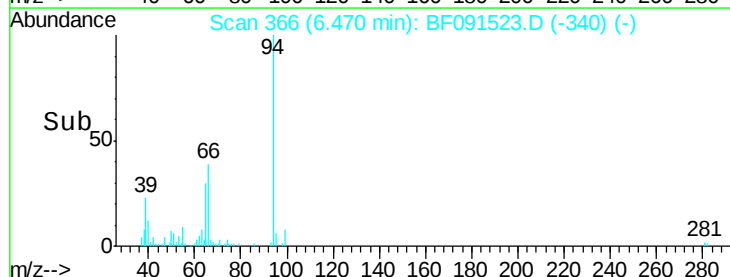
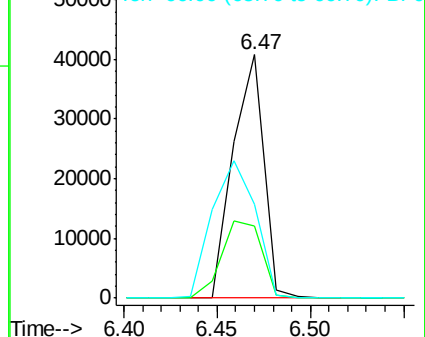
66 38.6 30.6 70.6

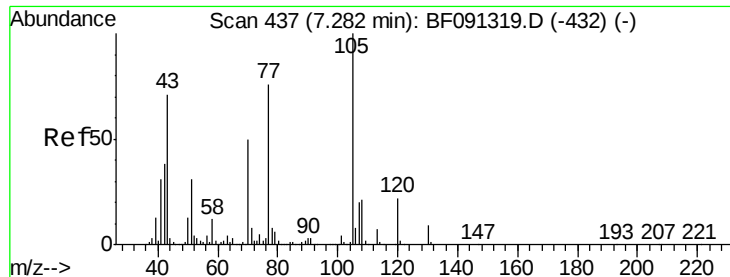


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

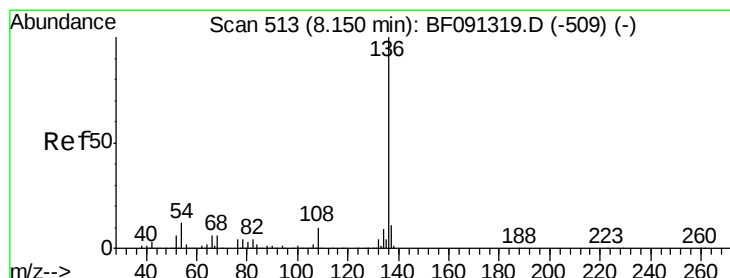
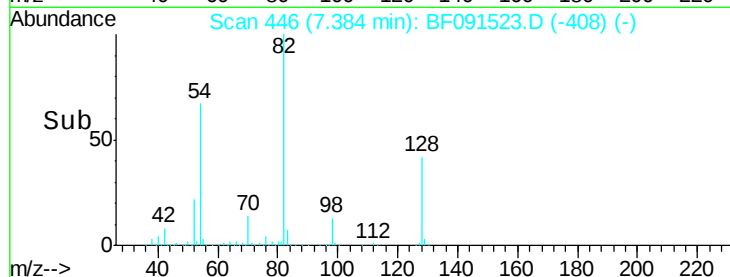
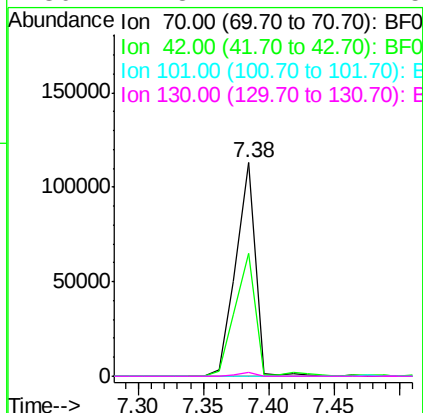
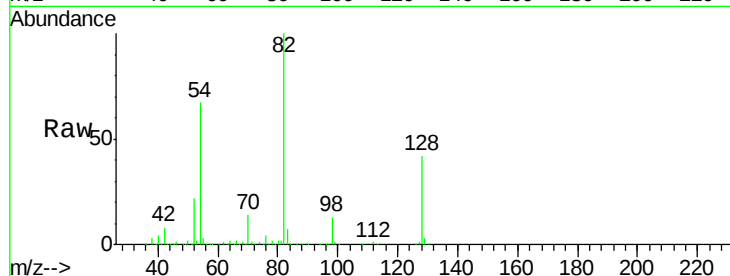




#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

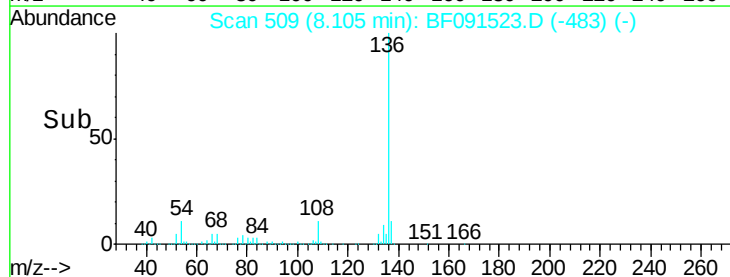
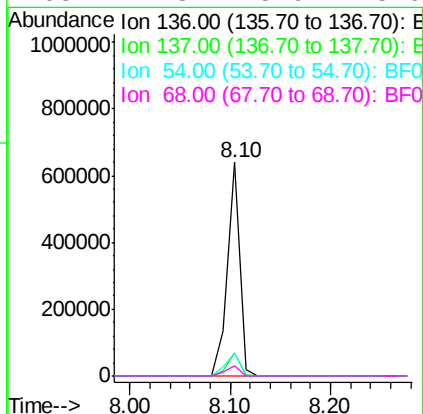
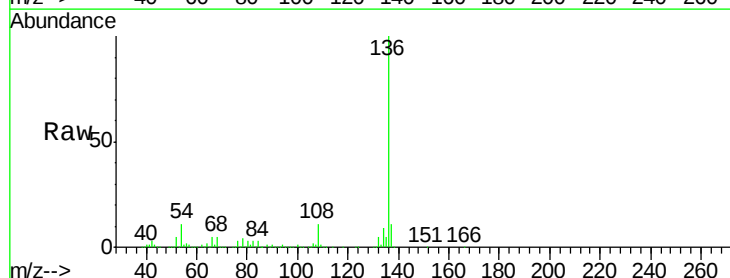
Instrument :
BNA_F
ClientSampleId :
URSMW-04

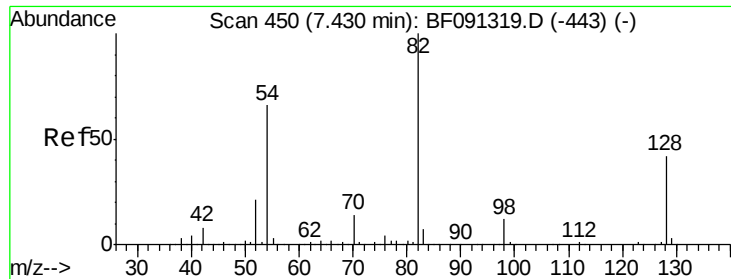
Tgt Ion: 70 Resp: 116506
Ion Ratio Lower Upper
70 100
42 57.4 64.8 97.2#
101 0.0 6.2 9.4#
130 1.8 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

Tgt Ion: 136 Resp: 548934
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.5 9.1 13.7
68 4.8 5.9 8.9#

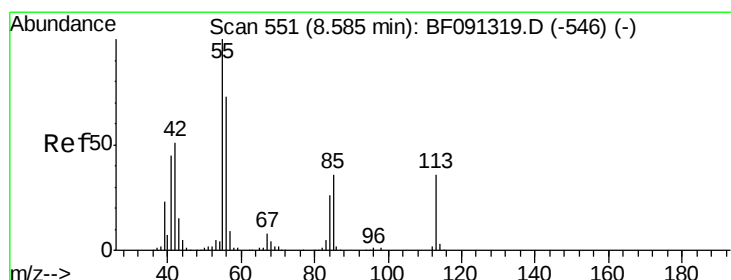
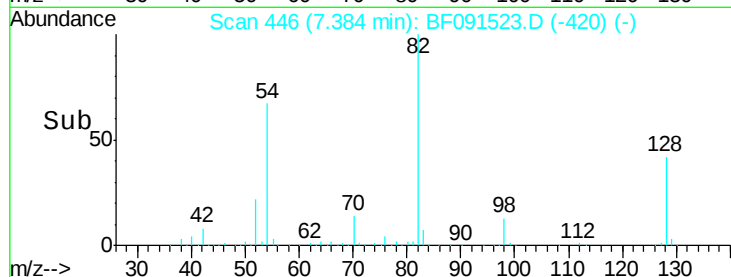
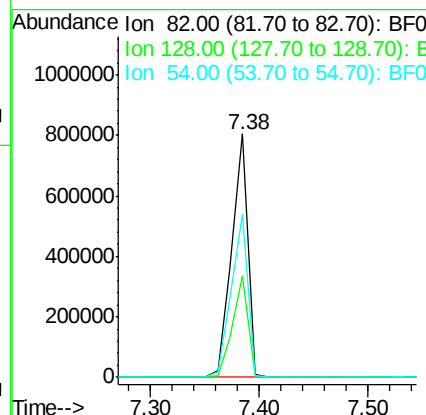
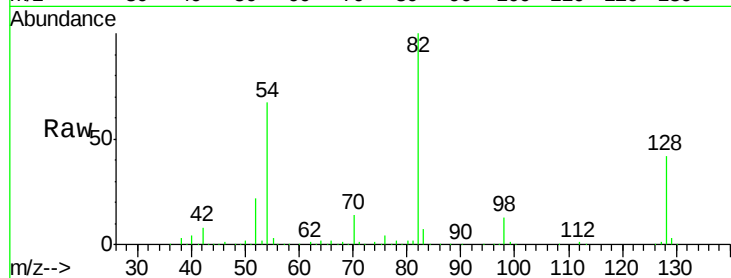




#23
Nitrobenzene-d5
Concen: 83.71 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

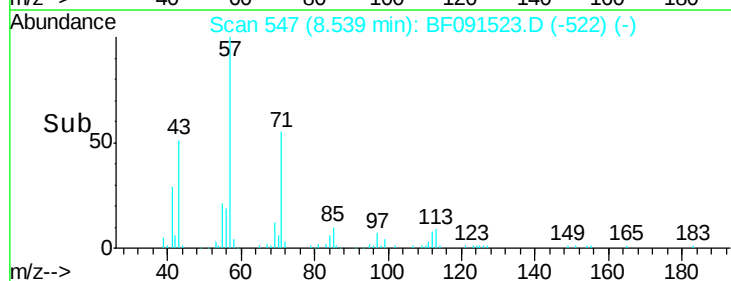
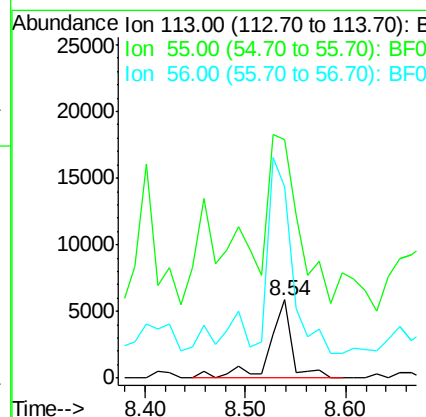
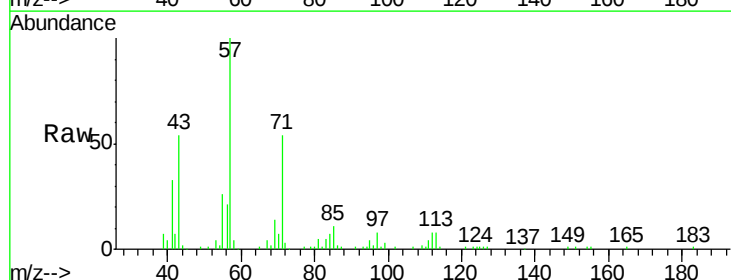
Instrument :
BNA_F
ClientSampleId :
URSMW-04

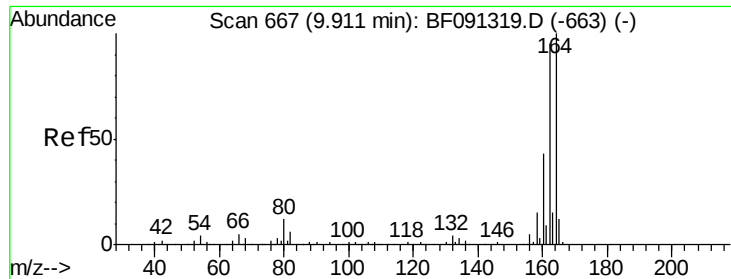
Tgt Ion: 82 Resp: 820001
Ion Ratio Lower Upper
82 100
128 42.0 31.8 47.6
54 66.8 49.1 73.7



#35
Caprolactam
Concen: 4.17 ng
RT: 8.54 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

Tgt Ion: 113 Resp: 9004
Ion Ratio Lower Upper
113 100
55 306.0 239.8 279.8#
56 244.8 165.6 205.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

Instrument :

BNA_F

ClientSampleId :

URSMW-04

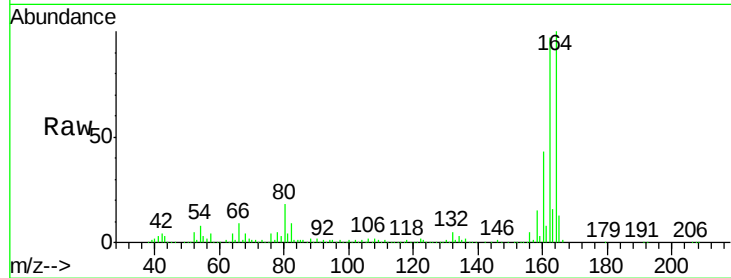
Tgt Ion:164 Resp: 310206

Ion Ratio Lower Upper

164 100

162 96.8 82.6 124.0

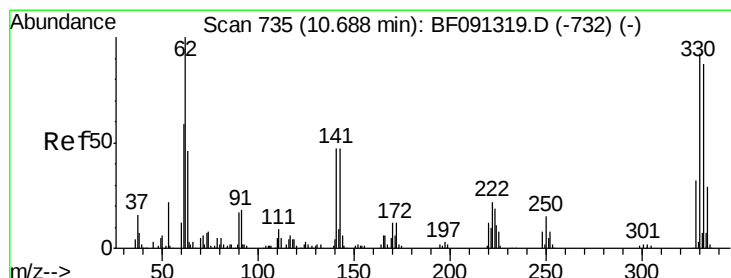
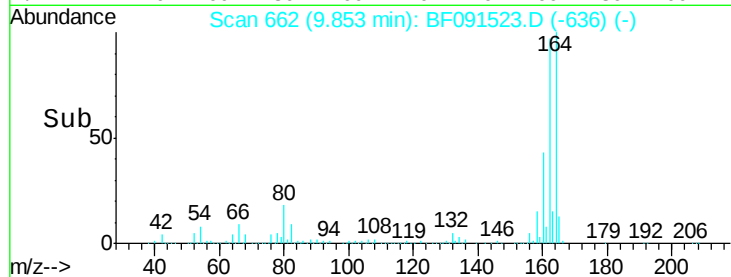
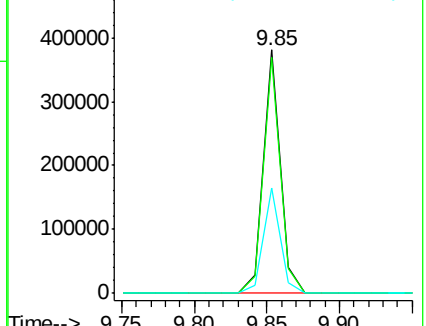
160 43.3 36.7 55.1



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: 103.21 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

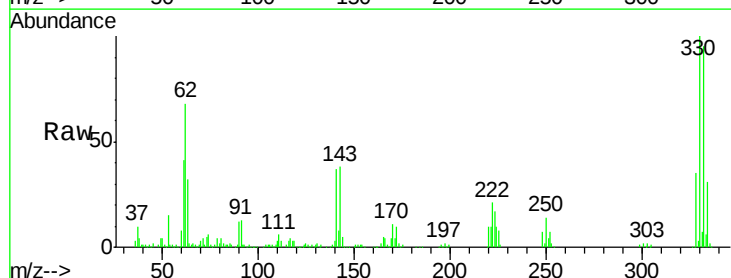
Tgt Ion:330 Resp: 303095

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

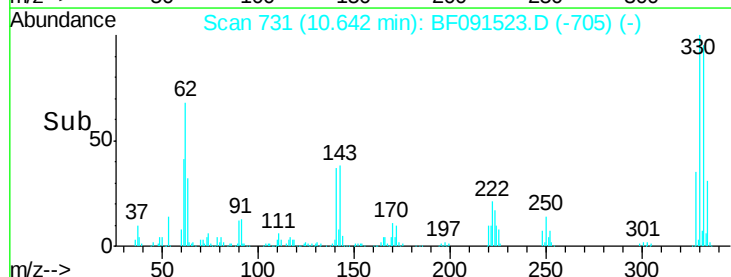
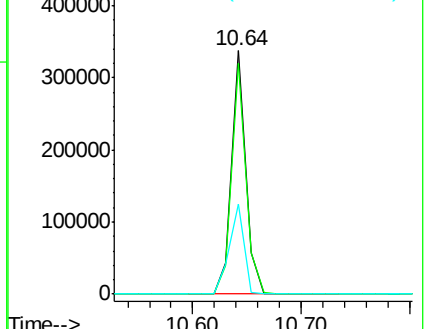
141 39.2 33.6 50.4

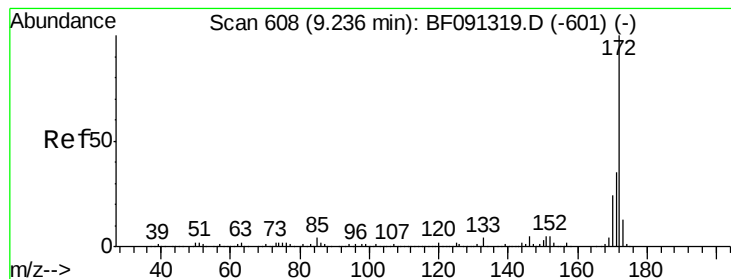


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

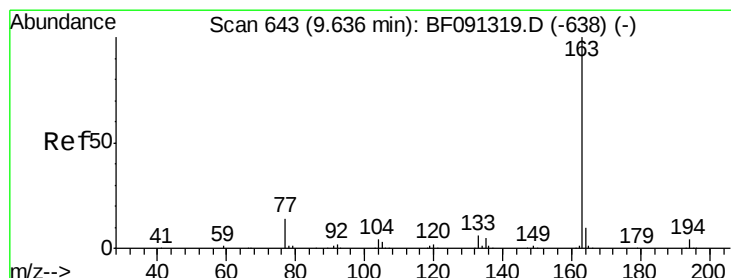
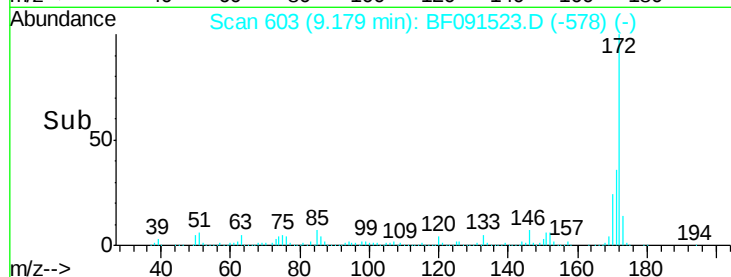
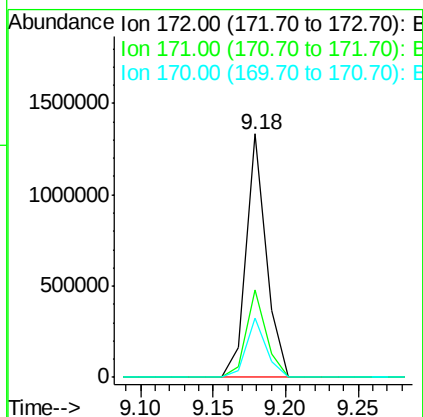
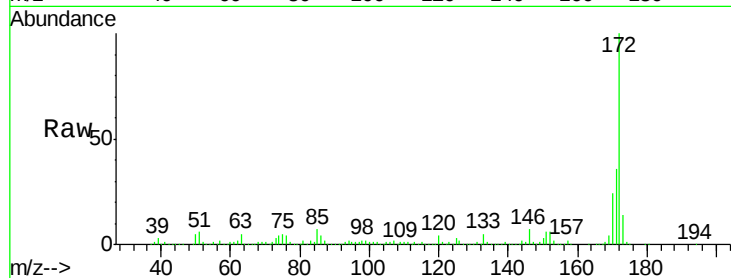




#44
2-Fluorobiphenyl
Concen: 75.03 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

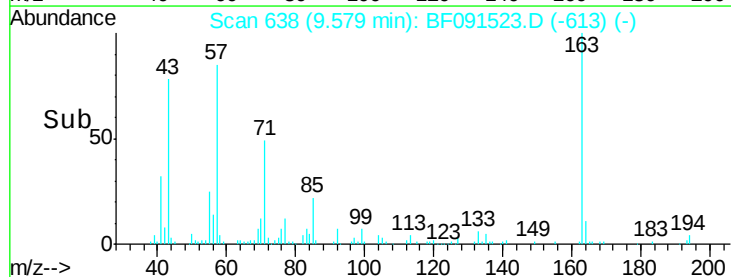
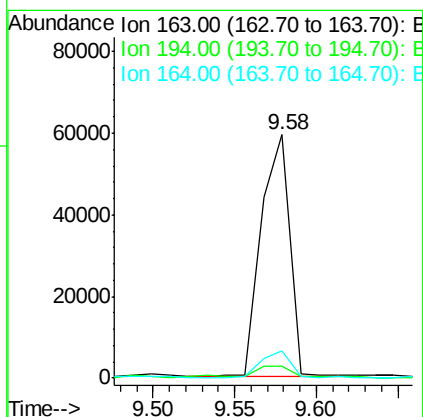
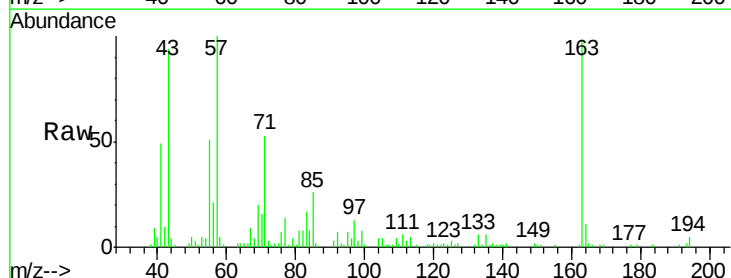
Instrument :
BNA_F
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URSMW-04

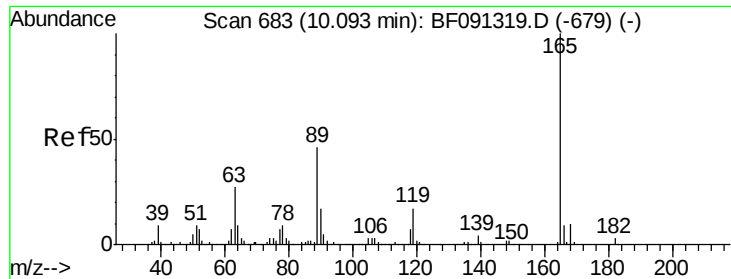
Tgt Ion:172 Resp: 1285527
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.4 19.7 29.5



#49
Dimethylphthalate
Concen: 3.83 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

Tgt Ion:163 Resp: 72026
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4#
164 11.0 7.8 11.8

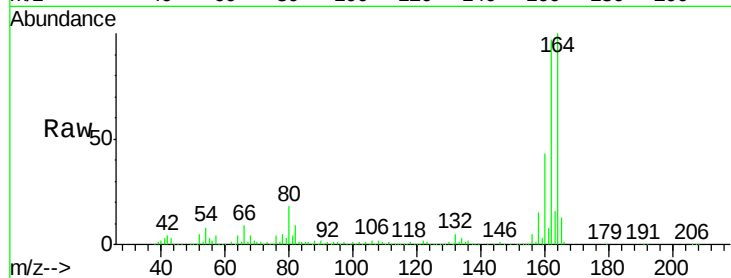




#56
 2,4-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.19 min
 Lab File: BF091523.D
 Acq: 9 Dec 2016 00:48

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-04

Tgt Ion:	165	Resp:	39707
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

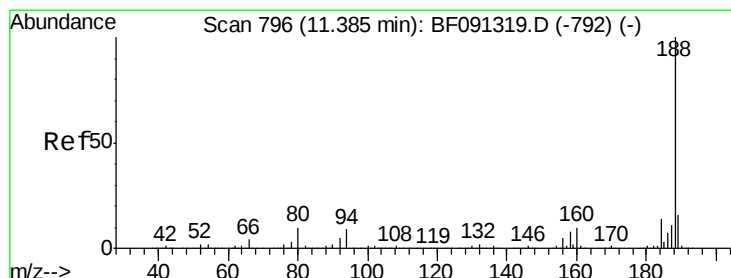
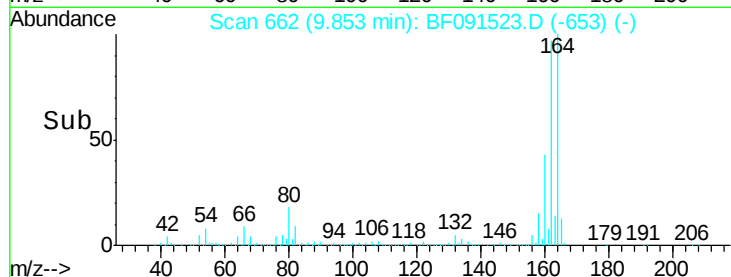
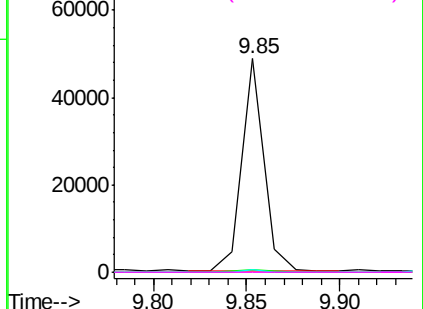


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

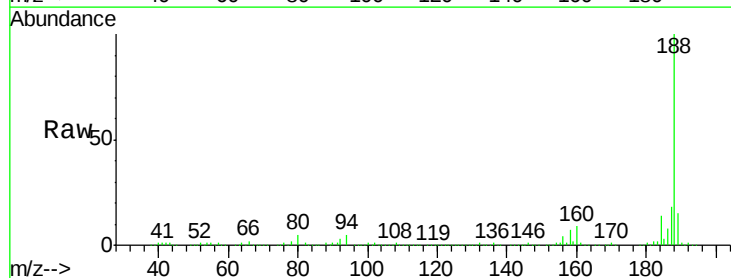
Ion 89.00 (88.70 to 89.70): BF0

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. -0.00 min
 Lab File: BF091523.D
 Acq: 9 Dec 2016 00:48

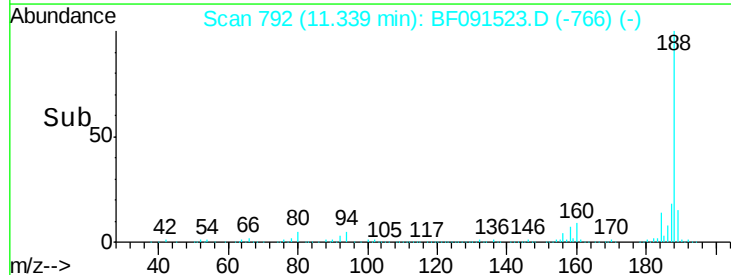
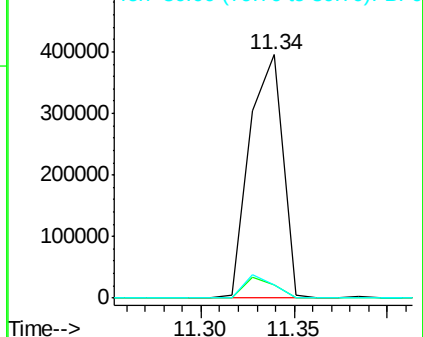
Tgt Ion:	188	Resp:	487776
Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.2	13.8#
80	5.3	10.5	15.7#

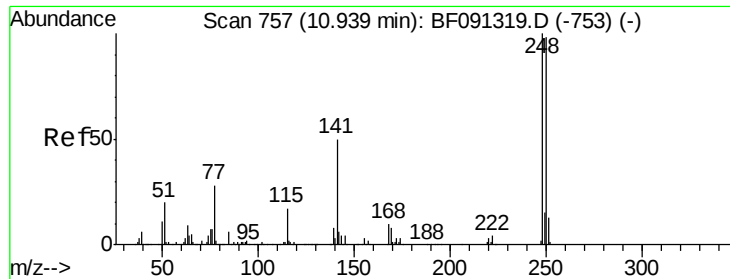


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

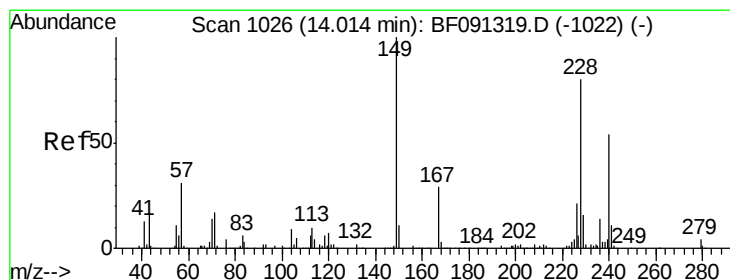
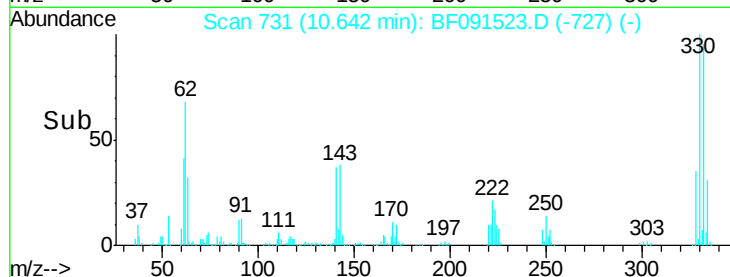
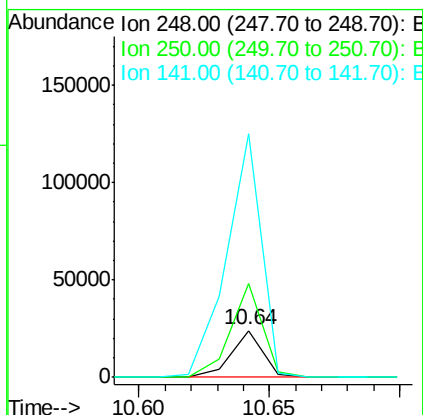
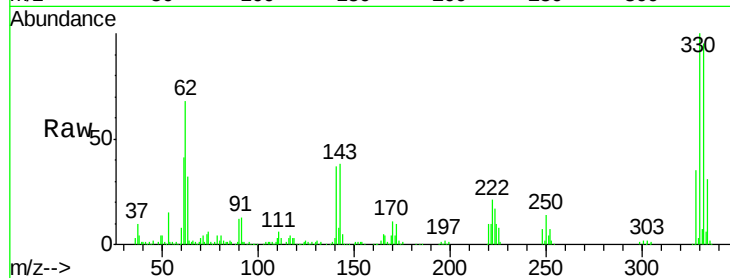




#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

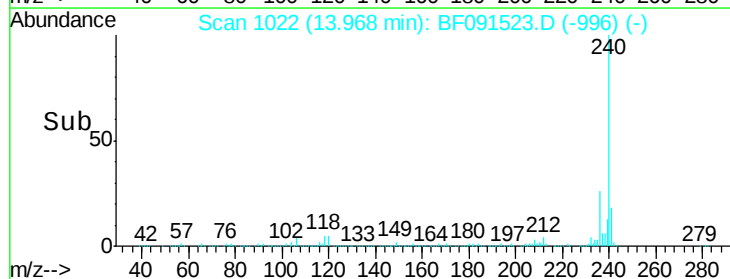
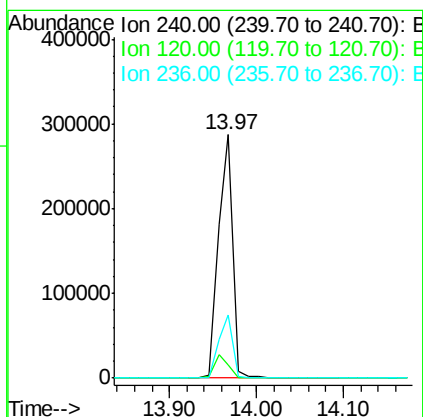
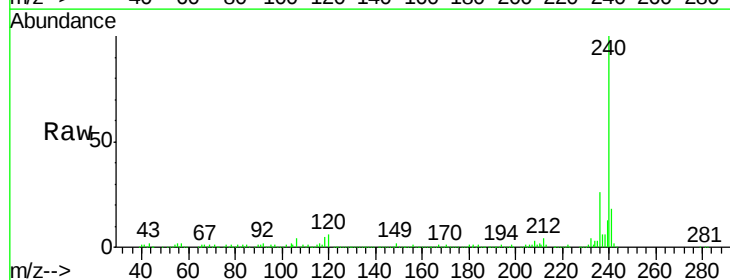
Instrument :
BNA_F
ClientSampleId :
URSMW-04

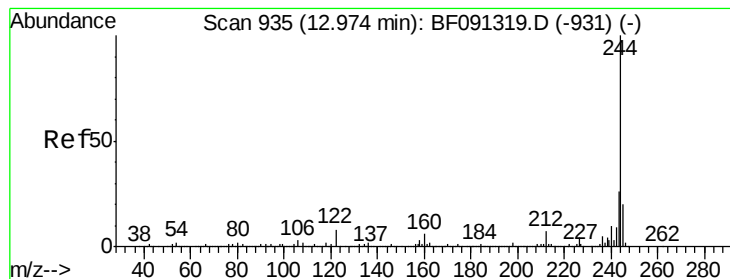
Tgt Ion:248 Resp: 20615
Ion Ratio Lower Upper
248 100
250 201.3 78.2 117.4#
141 519.4 71.9 107.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

Tgt Ion:240 Resp: 333774
Ion Ratio Lower Upper
240 100
120 5.6 12.1 18.1#
236 25.7 21.0 31.6





#78

Terphenyl-d14

Concen: 81.96 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

Instrument :

BNA_F

ClientSampleId :

URSMW-04

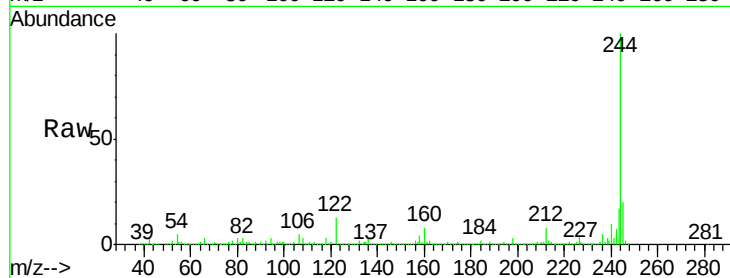
Tgt Ion:244 Resp: 1258564

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

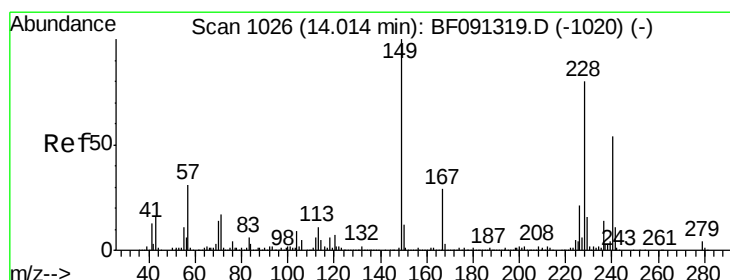
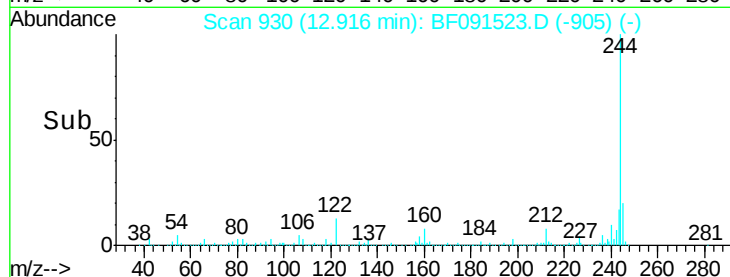
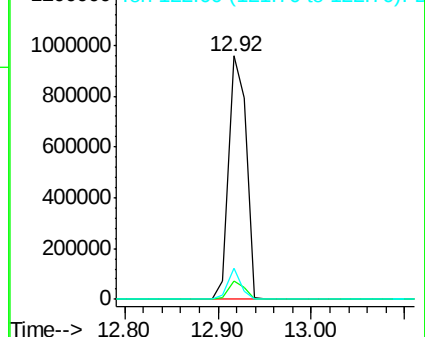
122 12.7 9.5 14.3



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.33 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF091523.D

Acq: 9 Dec 2016 00:48

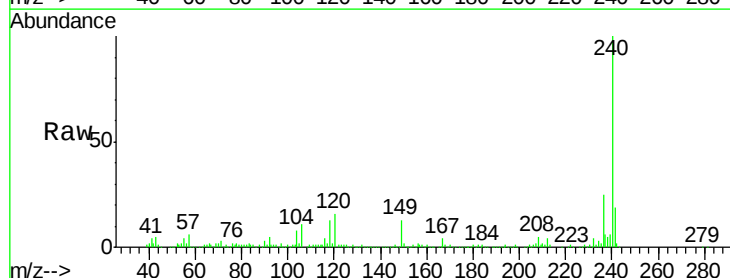
Tgt Ion:149 Resp: 28056

Ion Ratio Lower Upper

149 100

167 26.8 19.6 29.4

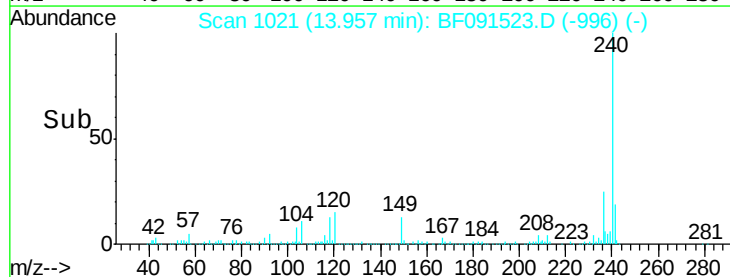
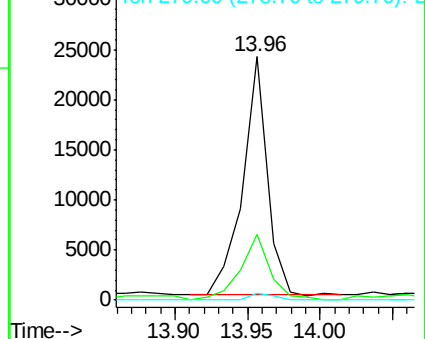
279 2.7 1.9 2.9

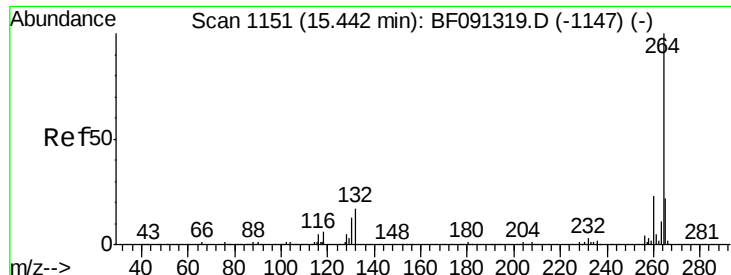


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF091523.D
Acq: 9 Dec 2016 00:48

Instrument :
BNA_F
ClientSampleId :
URSMW-04

Tgt Ion: 264 Resp: 254109
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.3 17.0 25.6

