

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091520.D
 Acq On : 8 Dec 2016 23:25
 Operator : UM/SJ
 Sample : H5917-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Quant Time: Dec 09 00:11:44 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

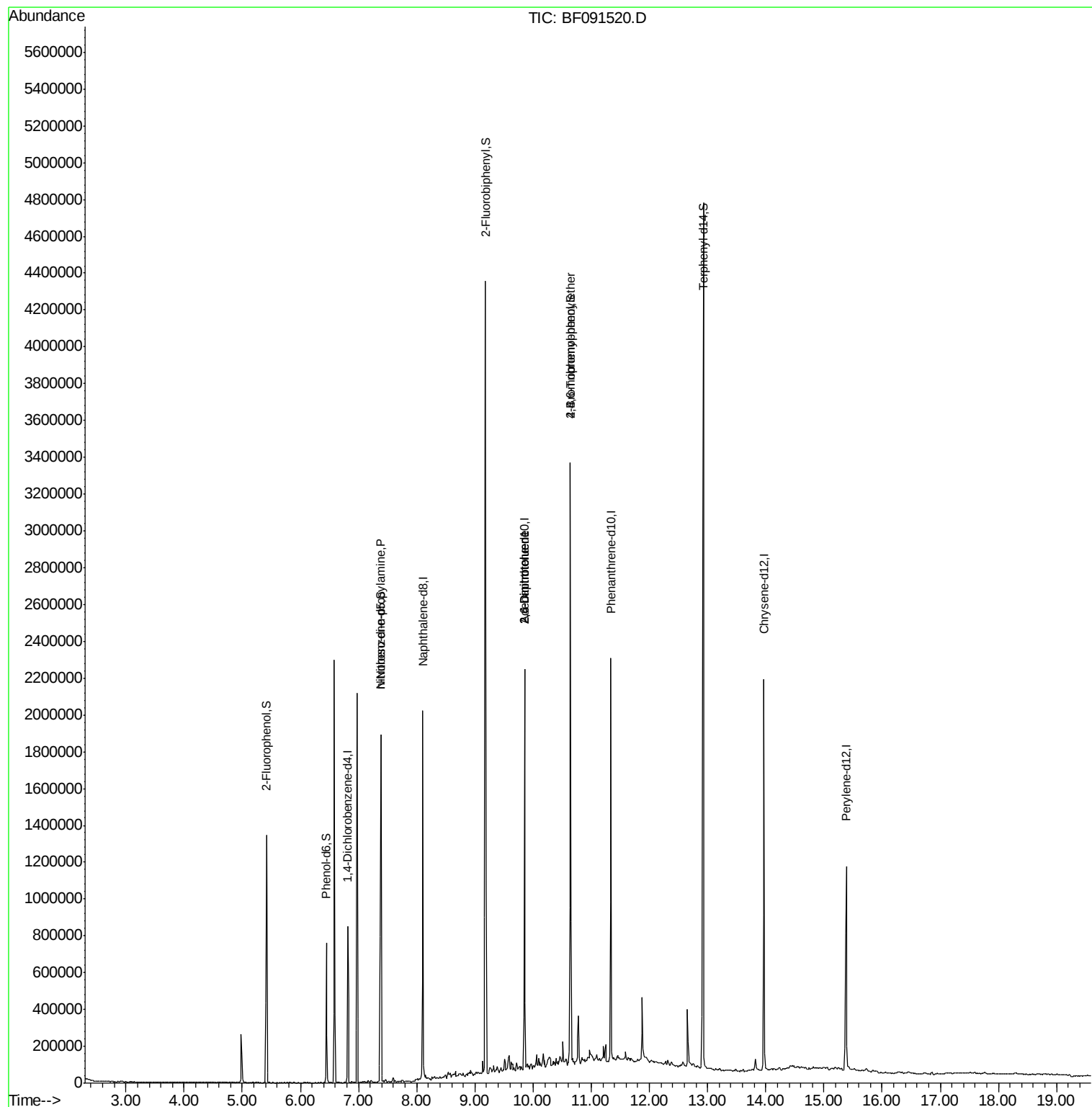
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143816	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	823955	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	456824	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	874103	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	793712	20.00	ng	-0.07
86) Perylene-d12	15.39	264	559930	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	319031	36.24	ng	-0.05
7) Phenol-d6	6.45	99	226327	20.88	ng	-0.05
23) Nitrobenzene-d5	7.38	82	615308	41.85	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	407102	94.13	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1409840	55.88	ng	-0.06
78) Terphenyl-d14	12.93	244	1870859	51.23	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	86519	12.67	ng	# 71
50) 2,6-Dinitrotoluene	9.85	165	61011	9.87	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	61932	7.72	ng	# 34
66) 4-Bromophenyl-phenylether	10.64	248	24336	2.59	ng	# 1

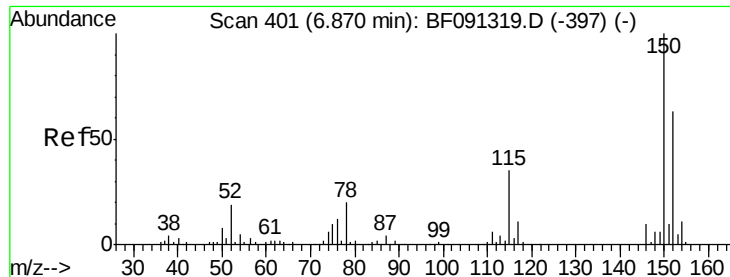
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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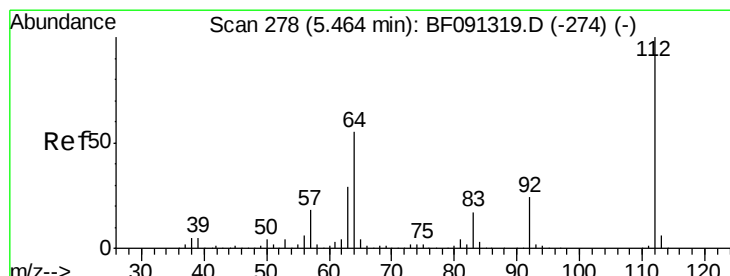
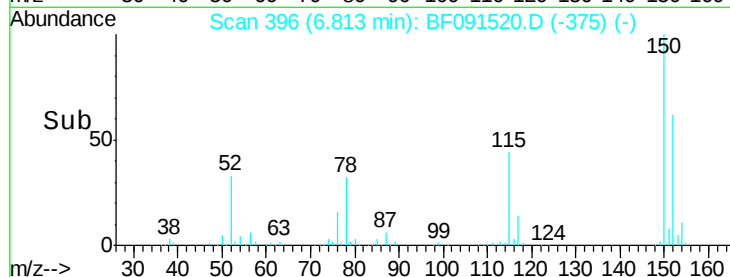
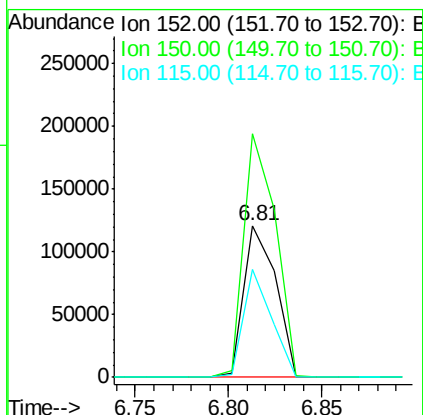
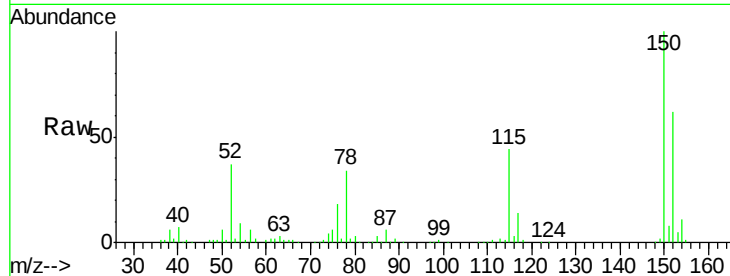


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.06 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Instrument :
BNA_F
ClientSampleId :
URSMW-09

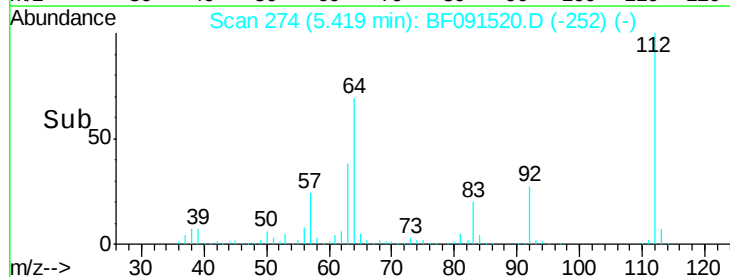
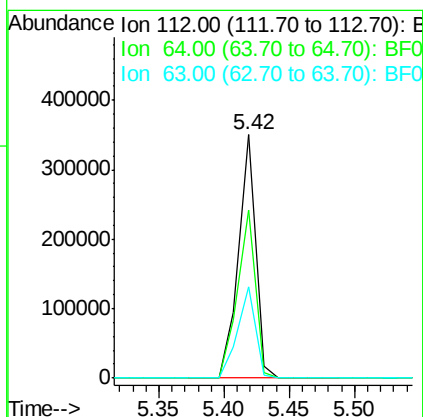
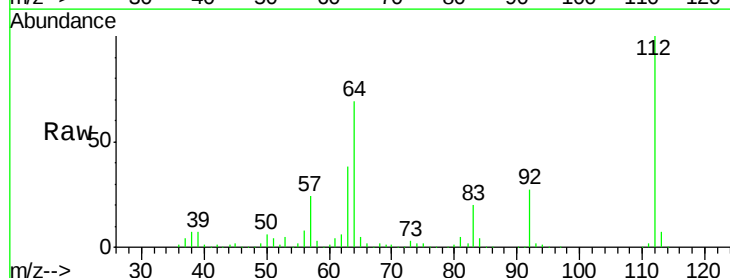
Tgt Ion:152 Resp: 143816
Ion Ratio Lower Upper
152 100
150 160.3 122.5 183.7
115 70.9 51.8 77.8

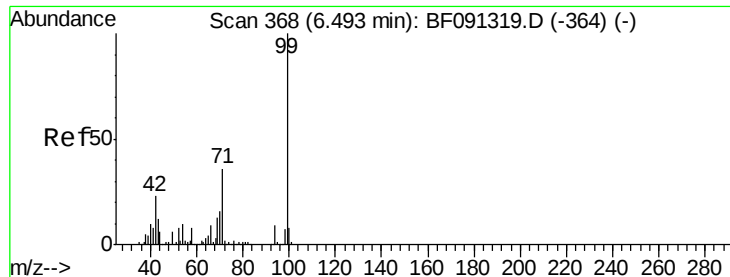


#5

2-Fluorophenol
Concen: 36.24 ng
RT: 5.42 min Scan# 274
Delta R.T. -0.05 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Tgt Ion:112 Resp: 319031
Ion Ratio Lower Upper
112 100
64 68.9 61.5 92.3
63 37.7 33.3 49.9





#7

Phenol-d6

Concen: 20.88 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.05 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Instrument :

BNA_F

ClientSampleId :

URSMW-09

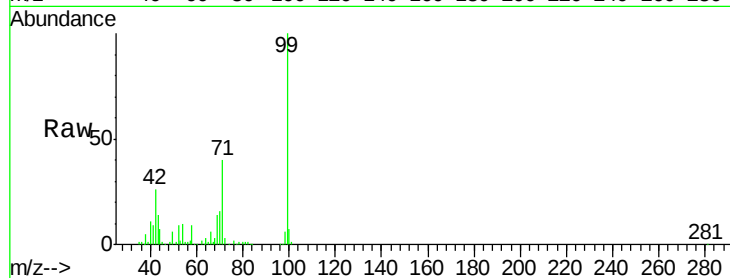
Tgt Ion: 99 Resp: 226327

Ion Ratio Lower Upper

99 100

42 25.9 20.6 31.0

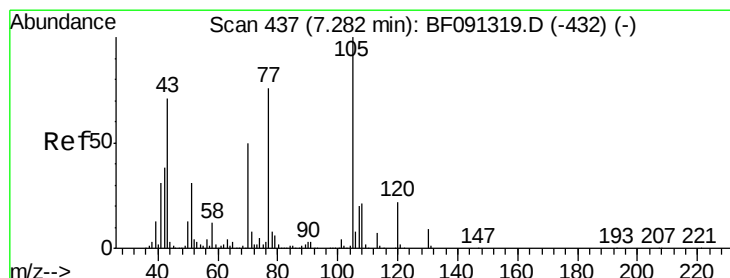
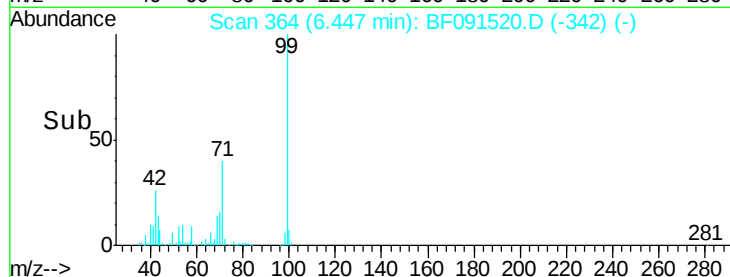
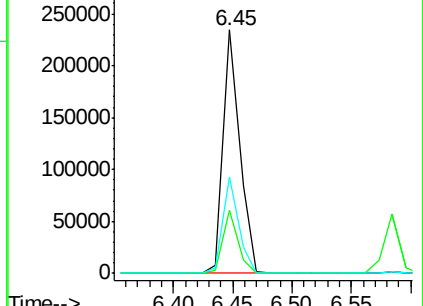
71 39.7 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.67 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Tgt Ion: 70 Resp: 86519

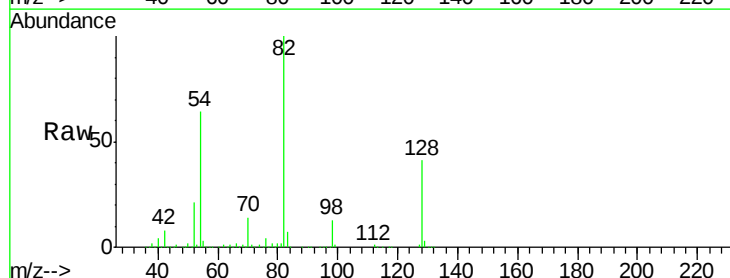
Ion Ratio Lower Upper

70 100

42 55.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

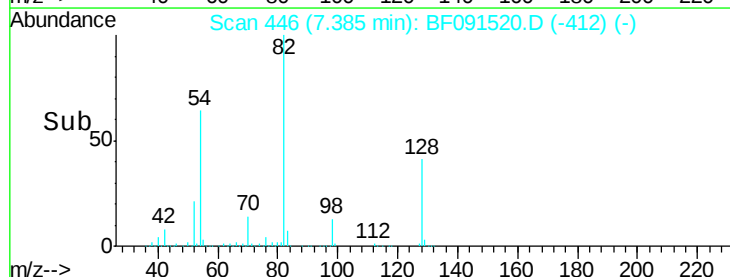
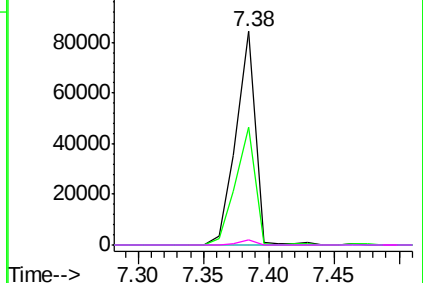


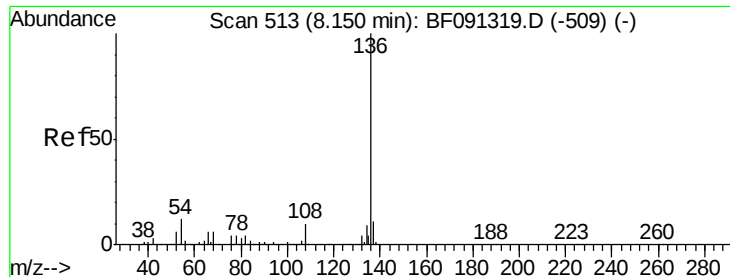
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

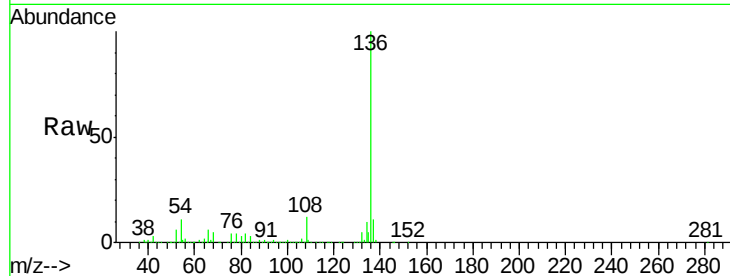




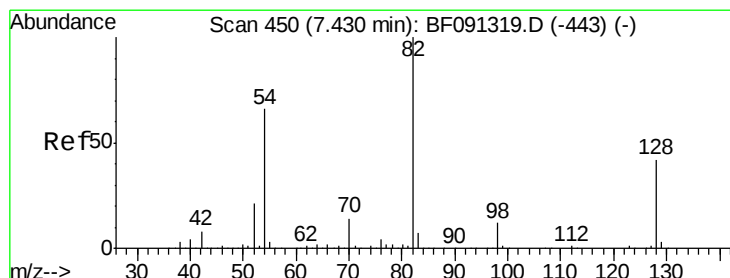
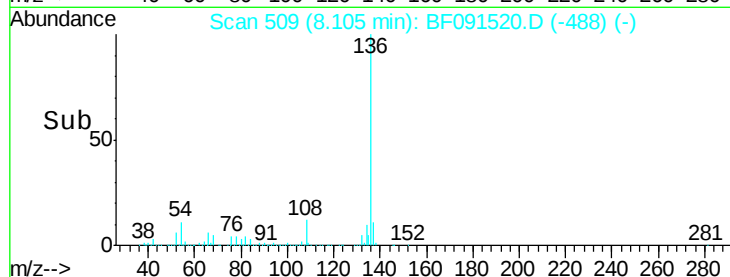
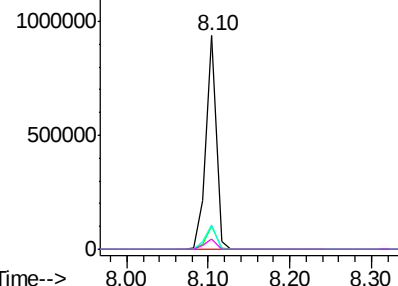
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:	136	Resp:	823955
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.1	9.1	13.7
68	5.1	5.9	8.9#

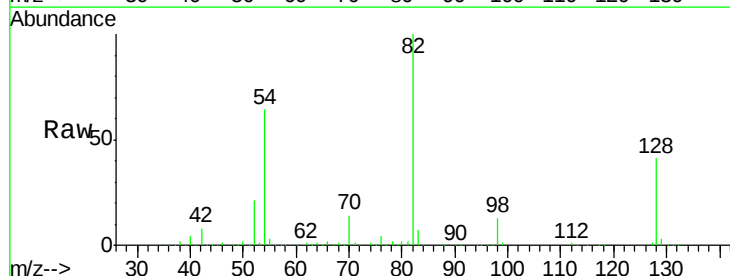


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

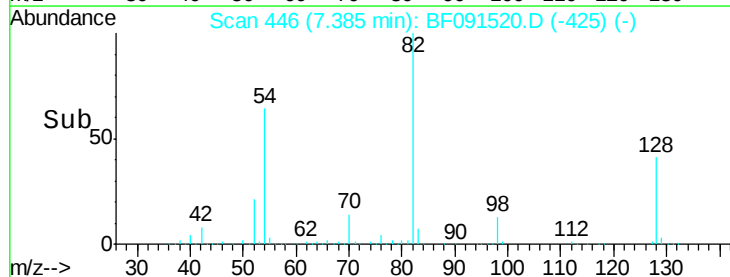
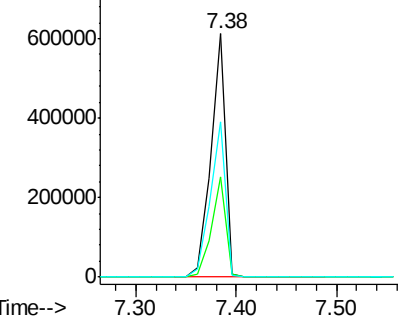


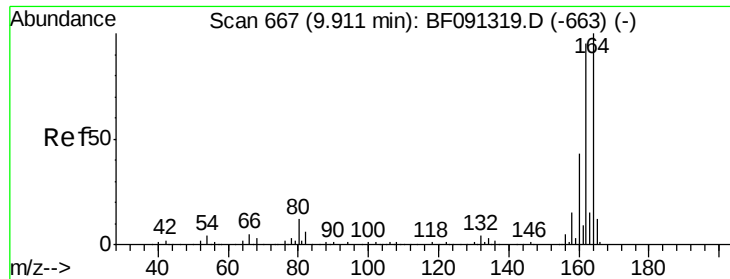
#23
Nitrobenzene-d5
Concen: 41.85 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Tgt Ion:	82	Resp:	615308
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.6
54	63.7	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. -0.06 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Instrument :

BNA_F

ClientSampleId :

URSMW-09

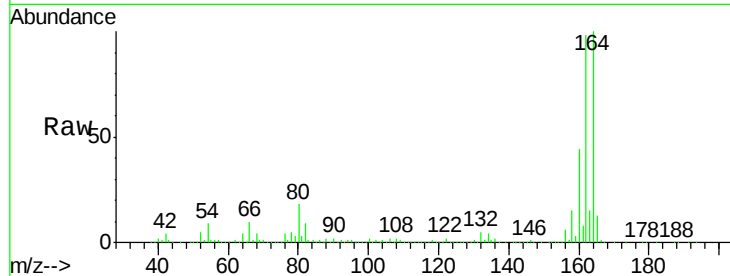
Tgt Ion:164 Resp: 456824

Ion Ratio Lower Upper

164 100

162 98.0 82.6 124.0

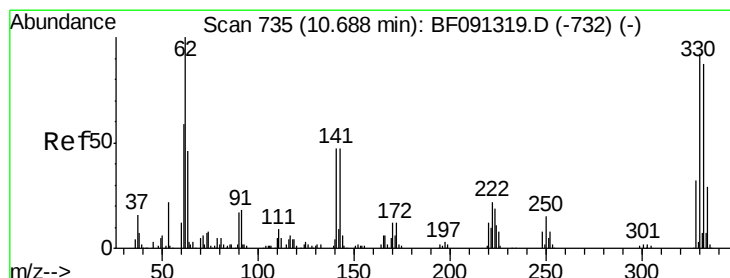
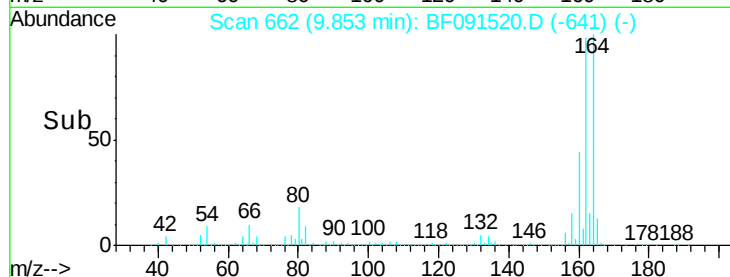
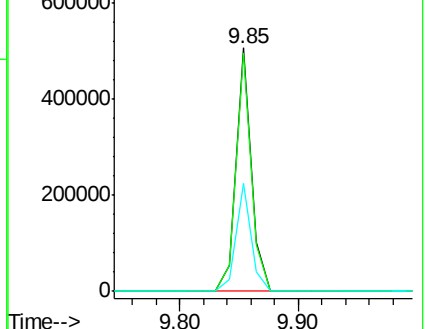
160 44.1 36.7 55.1



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: 94.13 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

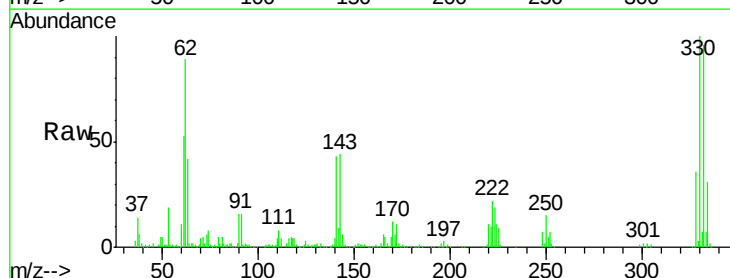
Tgt Ion:330 Resp: 407102

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

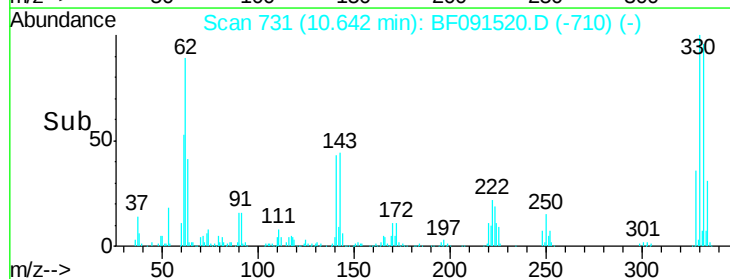
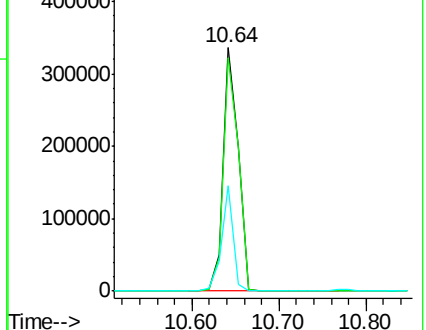
141 34.0 33.6 50.4

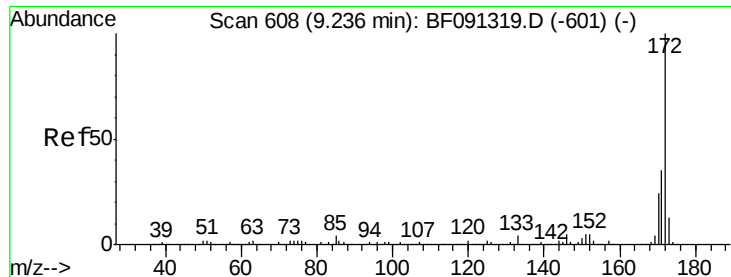


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

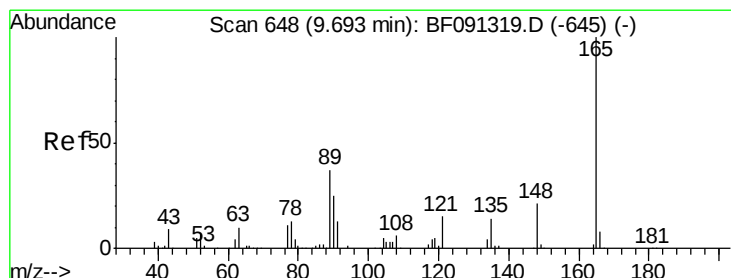
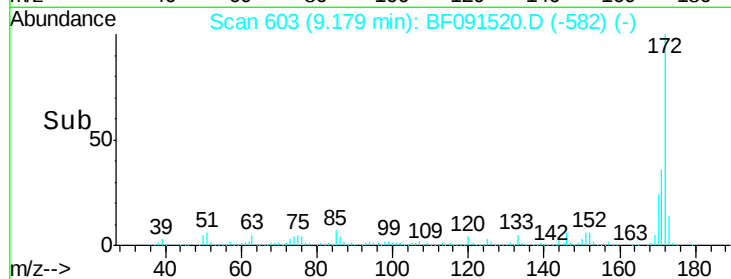
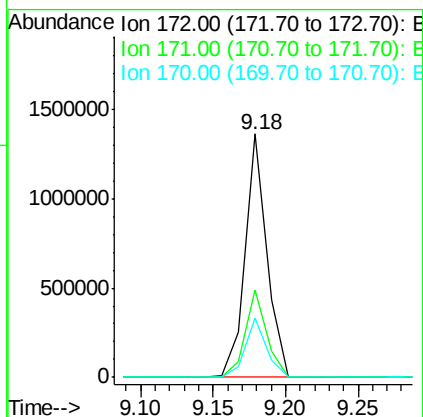
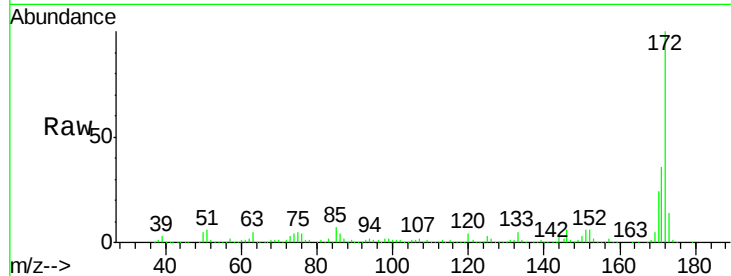




#44
 2-Fluorobiphenyl
 Concen: 55.88 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

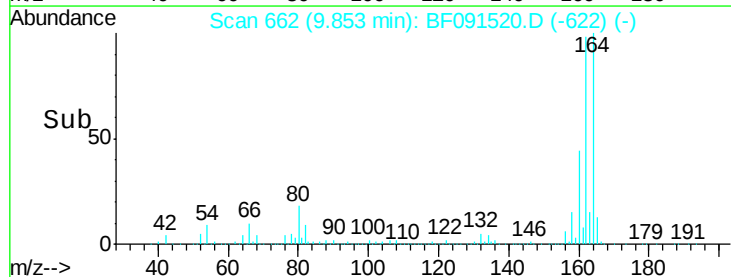
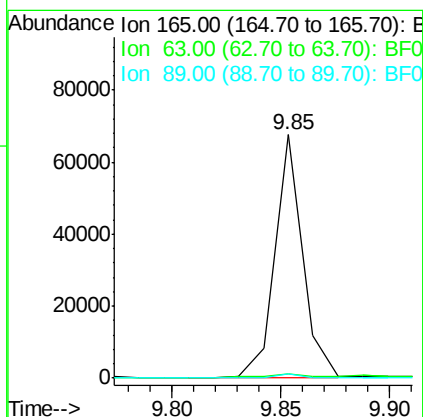
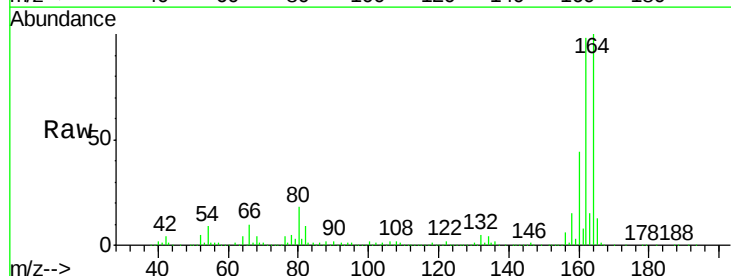
Instrument :
 BNA_F
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 URSMW-09

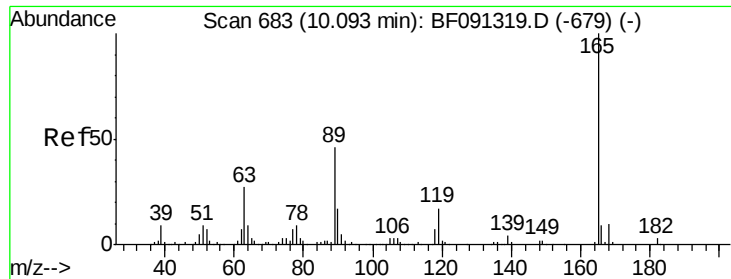
Tgt Ion:172 Resp: 1409840
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 9.87 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.15 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:165 Resp: 61011
 Ion Ratio Lower Upper
 165 100
 63 1.6 59.4 89.0#
 89 1.6 50.8 76.2#

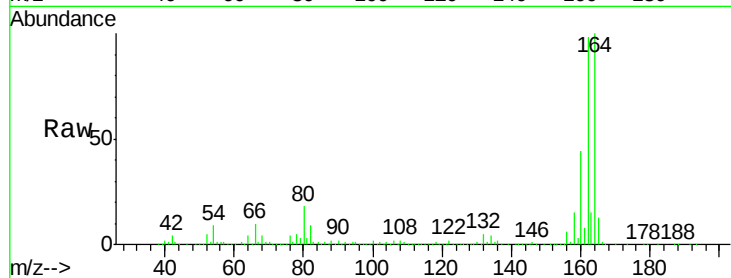




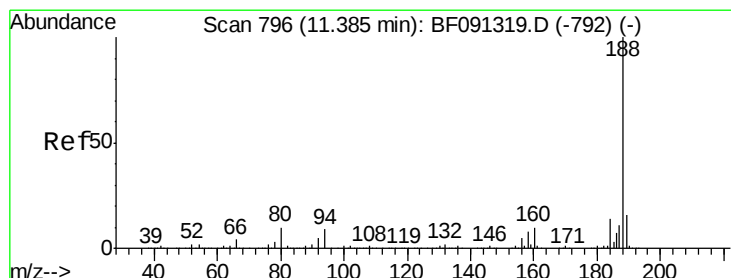
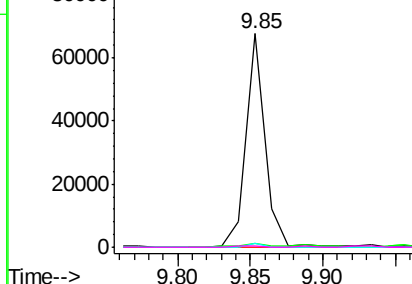
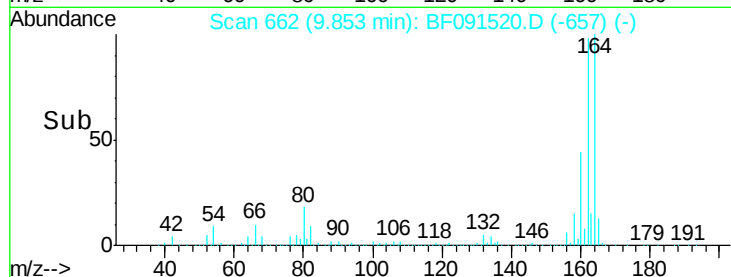
#56
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:165 Resp: 61932
Ion Ratio Lower Upper
165 100
63 1.6 29.0 43.4#
89 1.6 43.1 64.7#
182 0.8 1.9 2.9#

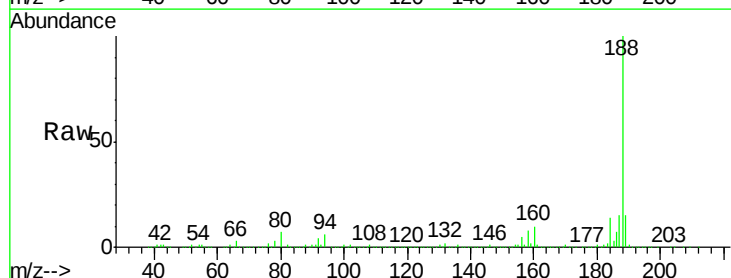


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

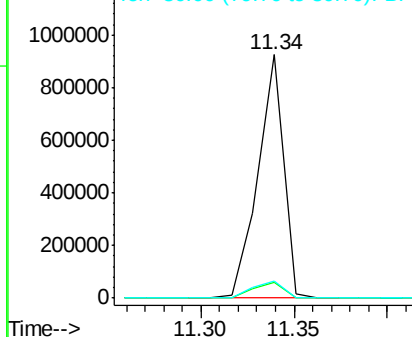
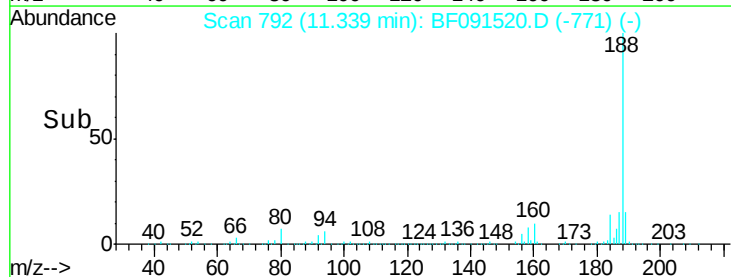


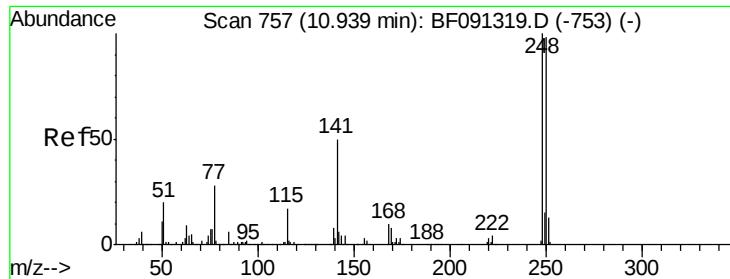
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091520.D
Acq: 8 Dec 2016 23:25

Tgt Ion:188 Resp: 874103
Ion Ratio Lower Upper
188 100
94 6.5 9.2 13.8#
80 6.8 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

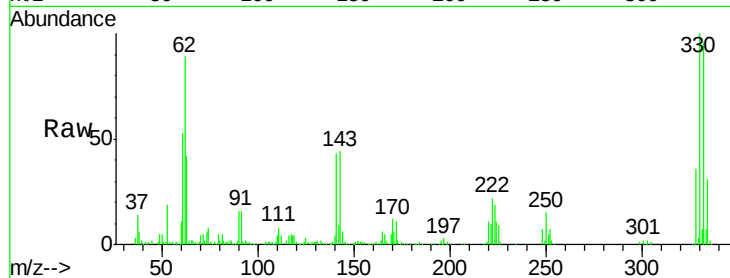




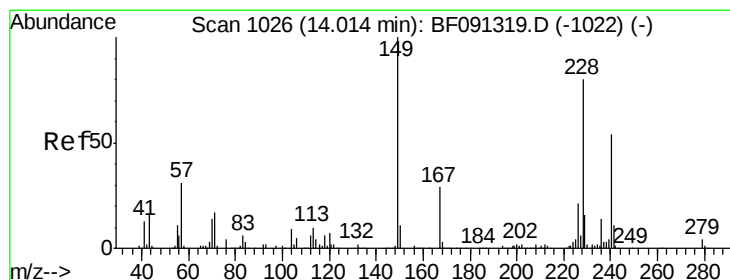
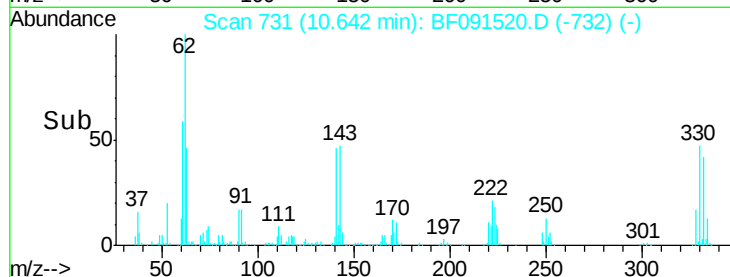
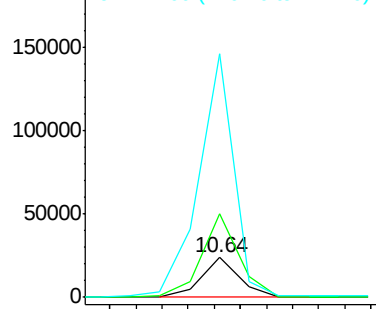
#66
 4-Bromophenyl-phenylether
 Concen: 2.59 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.31 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:248 Resp: 24336
 Ion Ratio Lower Upper
 248 100
 250 207.3 78.2 117.4#
 141 607.9 71.9 107.9#

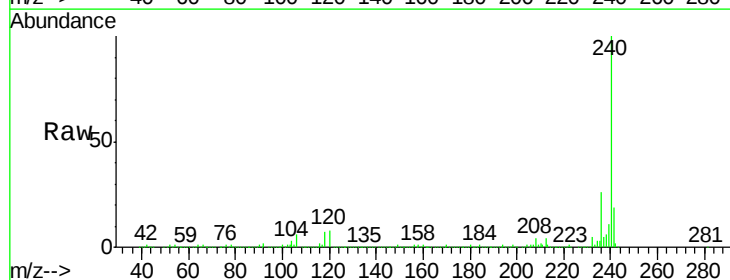


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

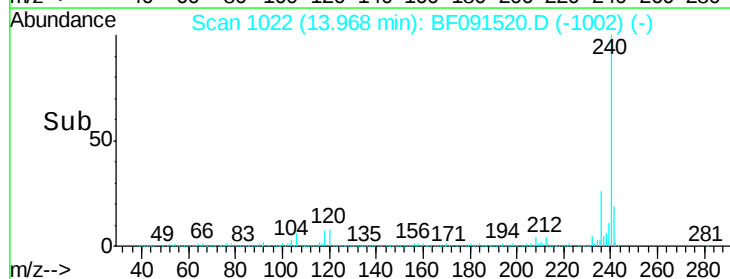
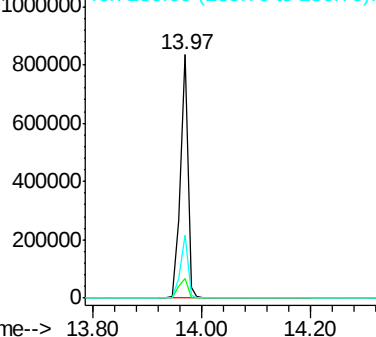


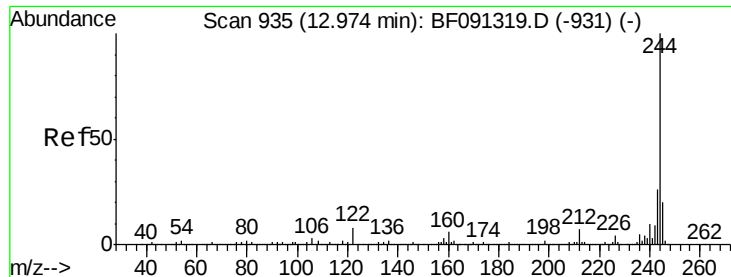
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.07 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:240 Resp: 793712
 Ion Ratio Lower Upper
 240 100
 120 7.9 12.1 18.1#
 236 25.9 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

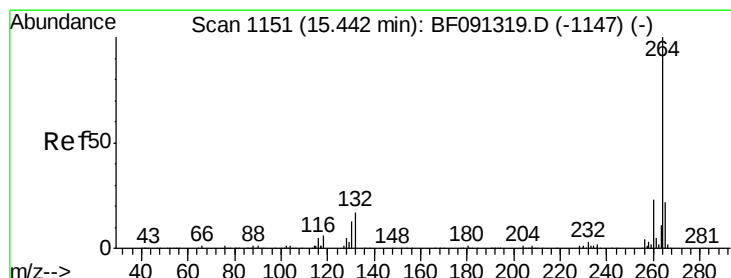
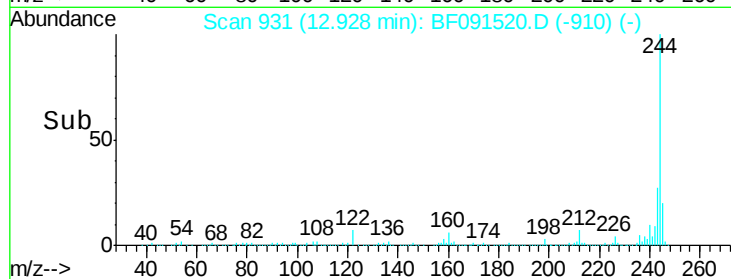
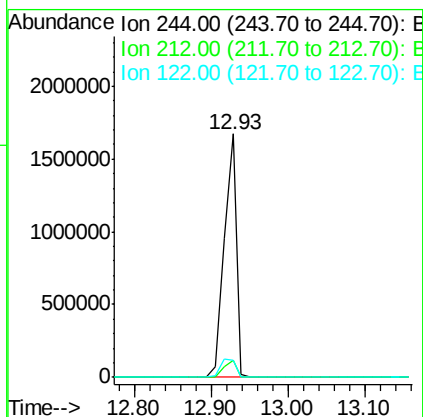
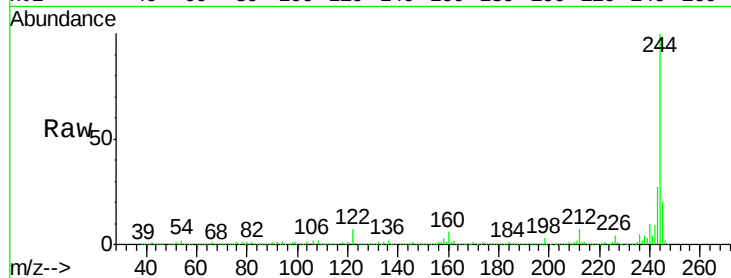




#78
 Terphenyl-d14
 Concen: 51.23 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:244 Resp: 1870859
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 7.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.09 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:264 Resp: 559930
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.0 25.6

