

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091543.D
 Acq On : 9 Dec 2016 22:38
 Operator : UM/SJ
 Sample : H5917-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Quant Time: Dec 09 23:03:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

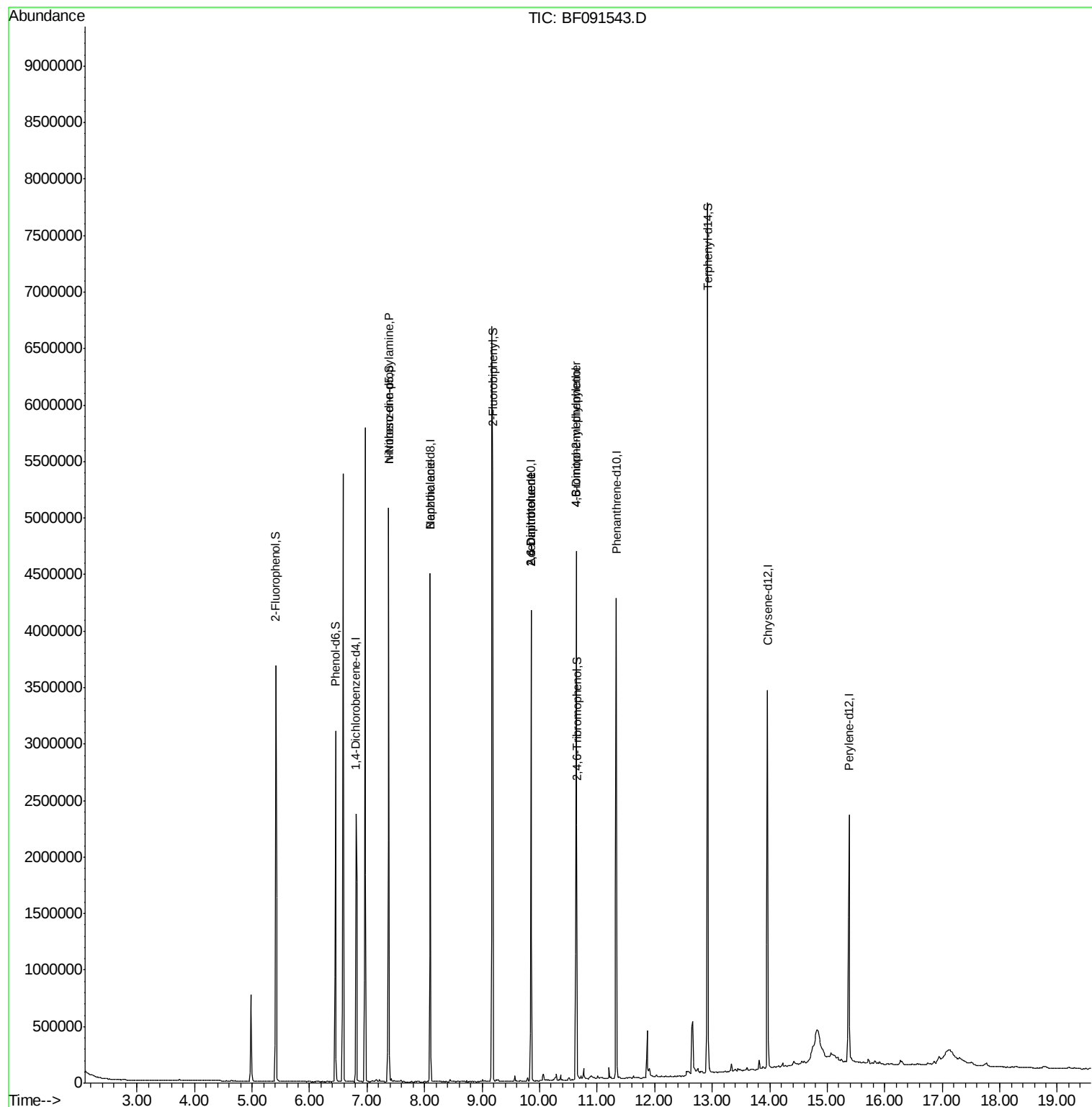
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	479315	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1938953	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	942532	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1606921	20.00	ng	0.00
75) Chrysene-d12	13.96	240	1183452	20.00	ng	0.00
86) Perylene-d12	15.38	264	1041849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1131433	39.77	ng	0.00
7) Phenol-d6	6.45	99	1022773	28.84	ng	0.00
23) Nitrobenzene-d5	7.38	82	1843104	53.05	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	719969	91.97	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3129415	57.37	ng	0.00
78) Terphenyl-d14	12.92	244	2641381	50.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	258998	11.68	ng	# 65
20) 3+4-Methylphenols	6.96	107	793	Below Cal		# 1
32) Benzoic acid	8.10	122	414	4.92	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	125646	9.59	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	125650	7.65	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1555	3.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	43397	2.63	ng	# 1

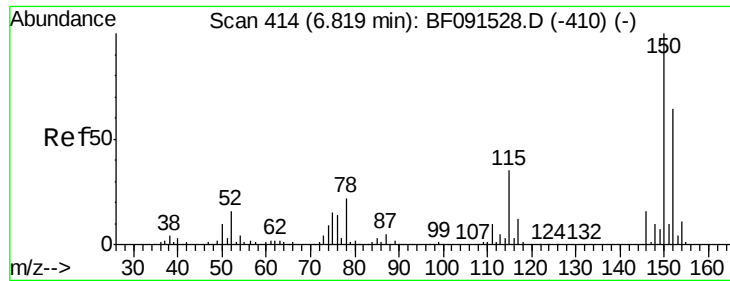
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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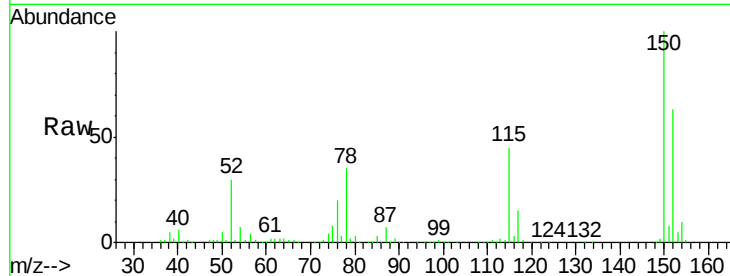


#1

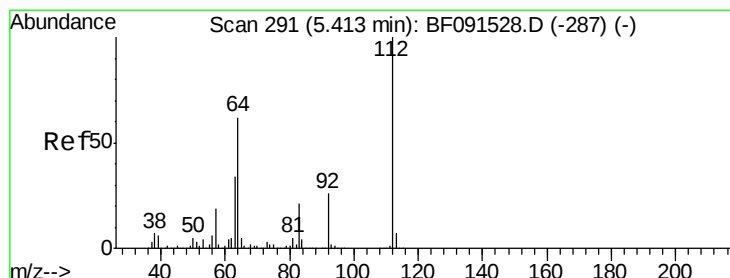
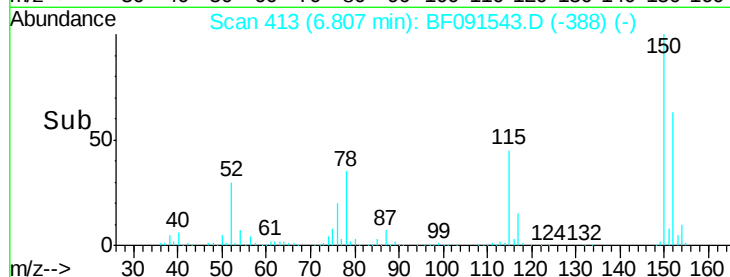
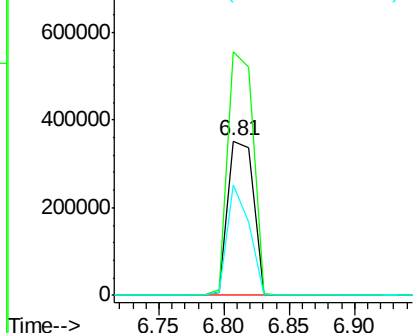
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion:152 Resp: 479315
Ion Ratio Lower Upper
152 100
150 157.9 122.5 183.7
115 71.7 51.8 77.8



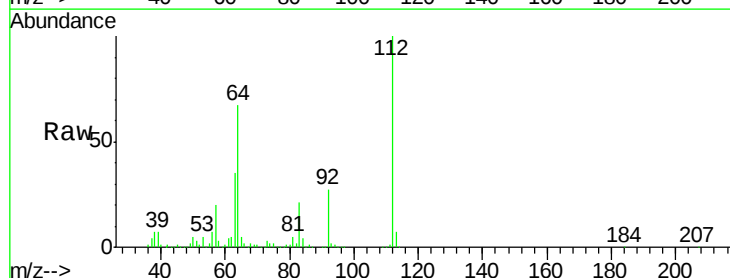
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



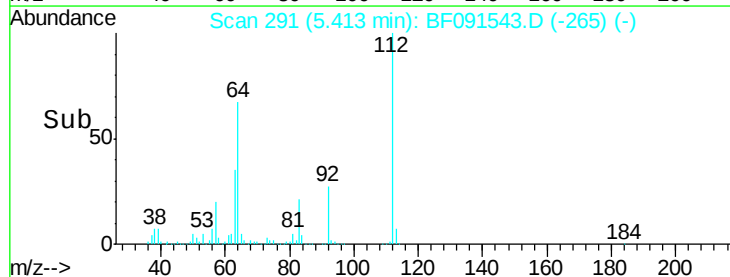
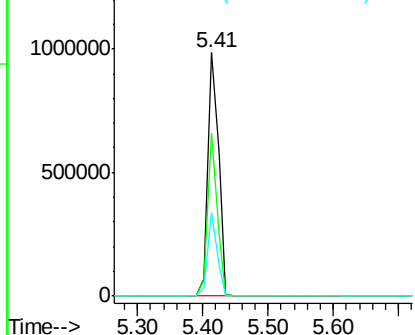
#5

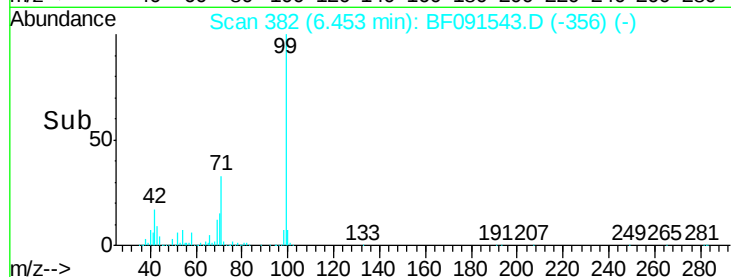
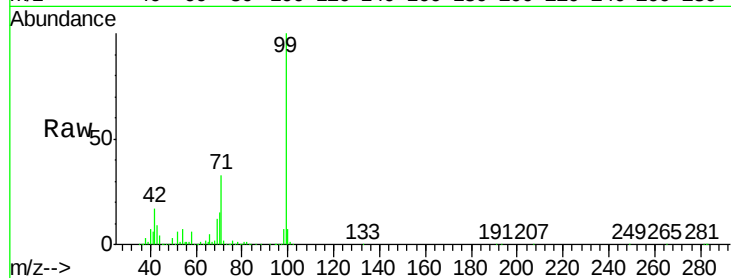
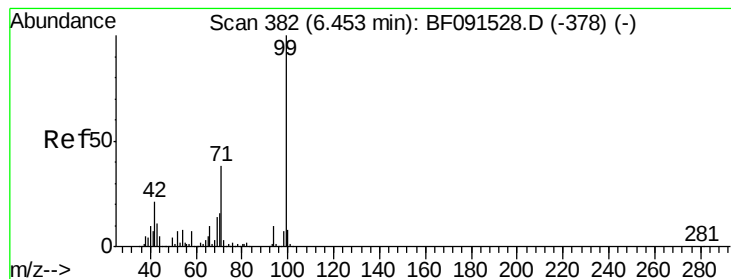
2-Fluorophenol
Concen: 39.77 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Tgt Ion:112 Resp: 1131433
Ion Ratio Lower Upper
112 100
64 66.9 61.5 92.3
63 34.5 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: 28.84 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

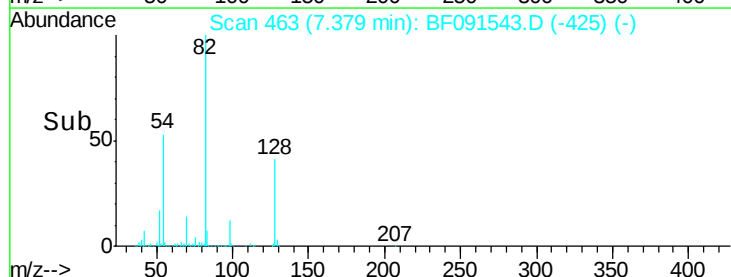
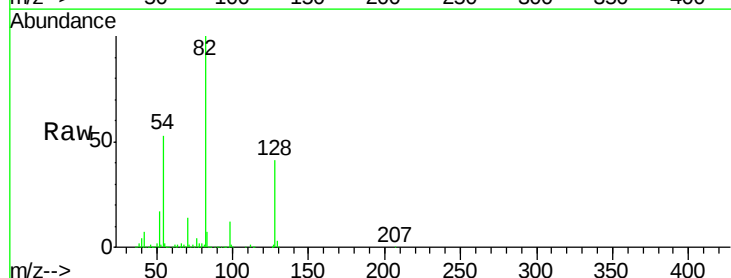
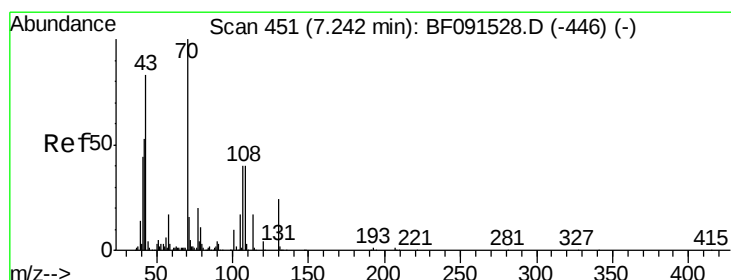
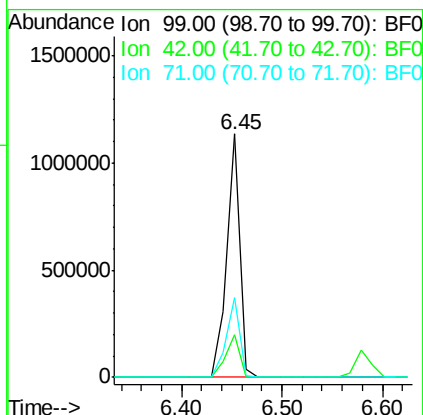
Tgt Ion: 99 Resp: 1022773

Ion Ratio Lower Upper

99 100

42 17.3 20.6 31.0#

71 32.7 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.68 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Tgt Ion: 70 Resp: 258998

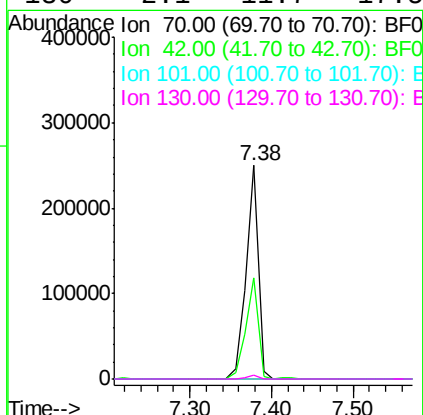
Ion Ratio Lower Upper

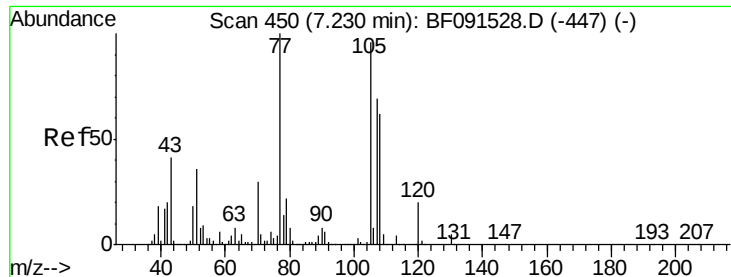
70 100

42 47.5 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 6.96 min Scan# 426

Delta R.T. -0.27 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

Tgt Ion:107 Resp: 793

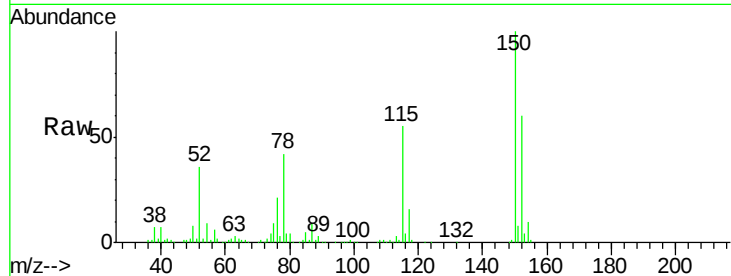
Ion Ratio Lower Upper

107 100

108 298.4 64.6 104.6#

77 827.4 30.9 70.9#

79 966.7 9.3 49.3#

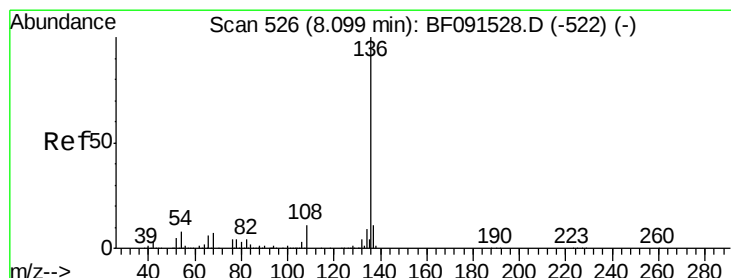
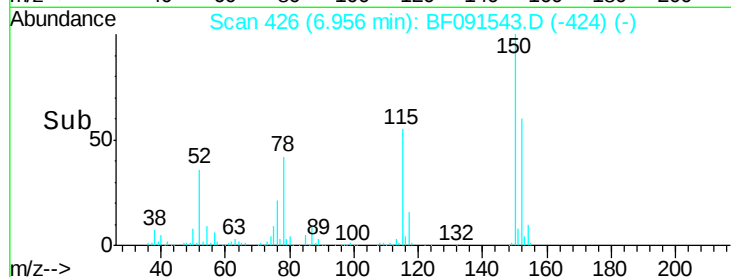
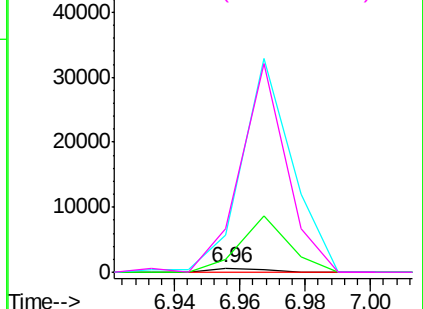


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Tgt Ion:136 Resp: 1938953

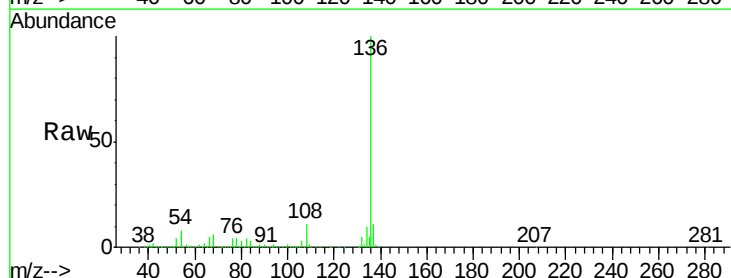
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.2 9.1 13.7#

68 6.2 5.9 8.9

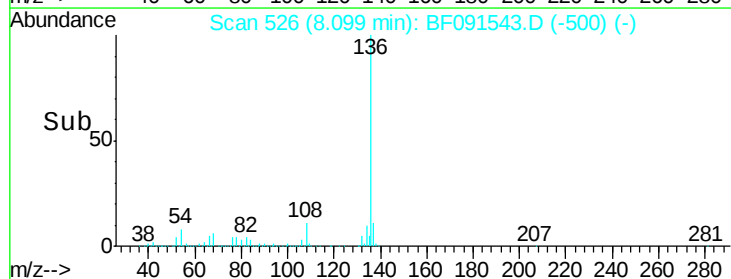
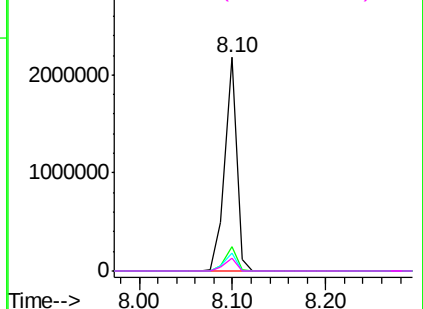


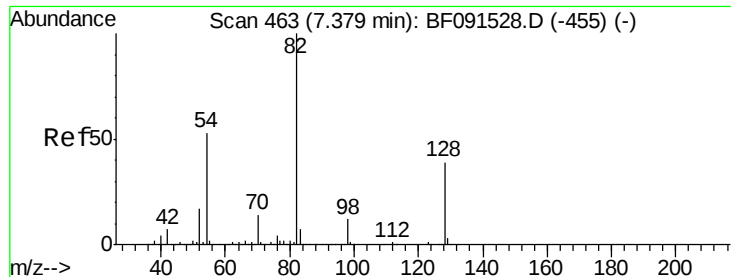
Abundance Ion 136.00 (135.70 to 136.70): E

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

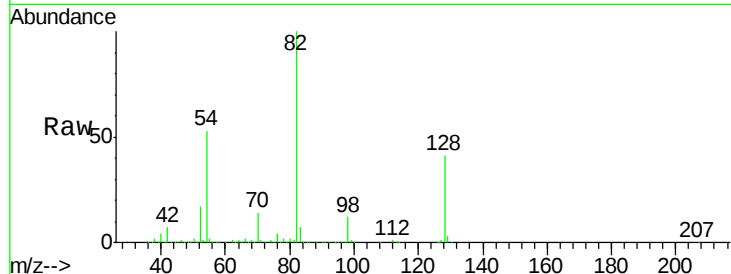




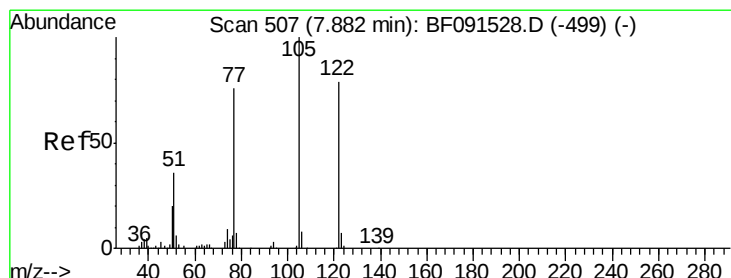
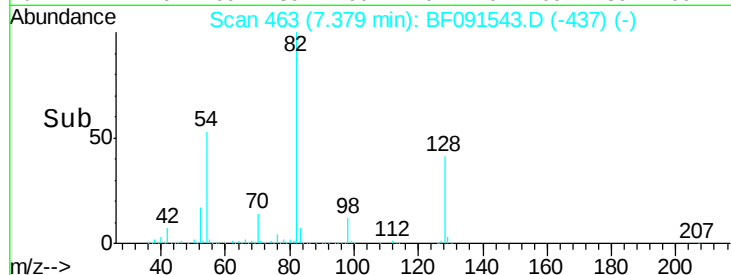
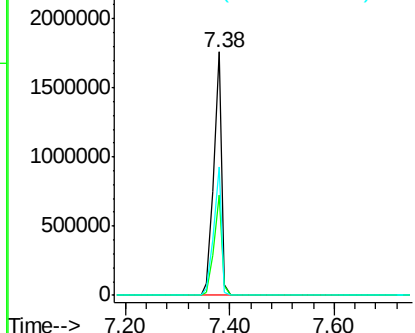
#23
Nitrobenzene-d5
Concen: 53.05 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion: 82 Resp: 1843104
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 52.5 49.1 73.7

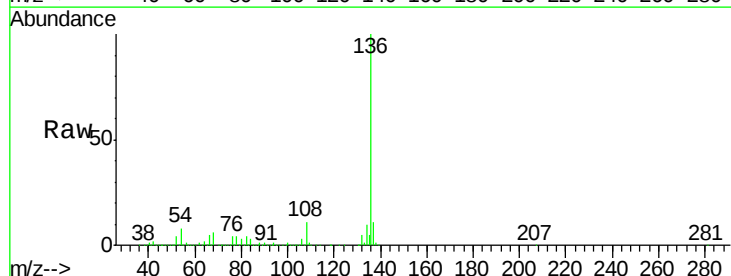


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

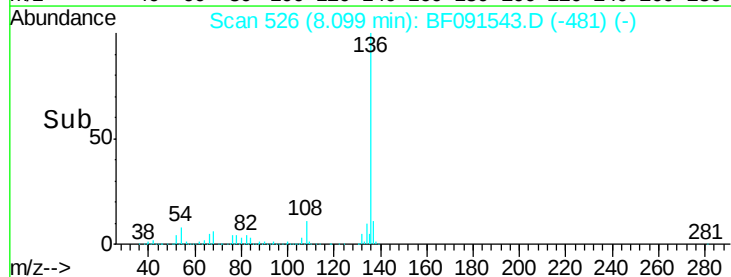
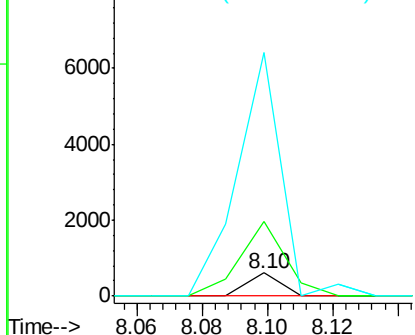


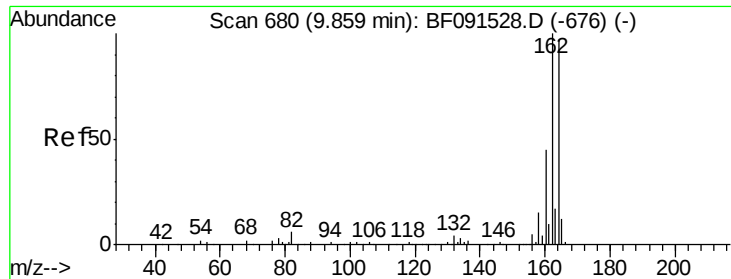
#32
Benzoic acid
Concen: 4.92 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Tgt Ion: 122 Resp: 414
Ion Ratio Lower Upper
122 100
105 326.9 113.0 153.0#
77 1063.8 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

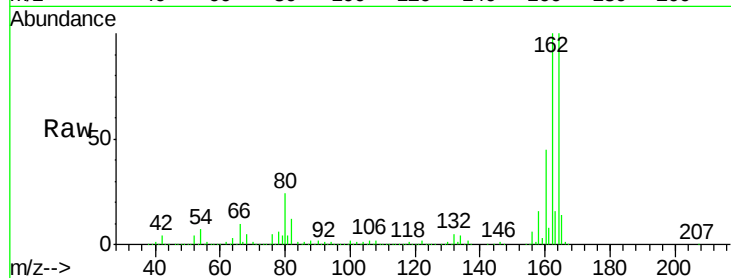




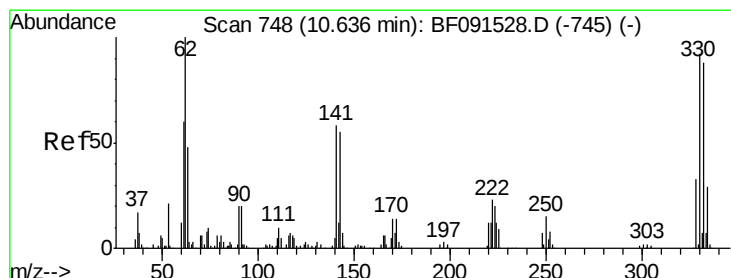
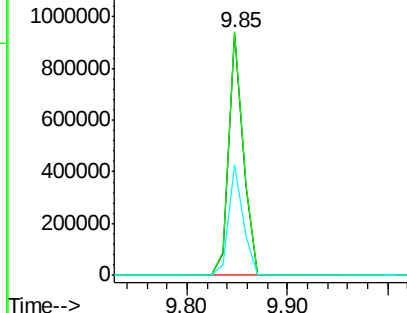
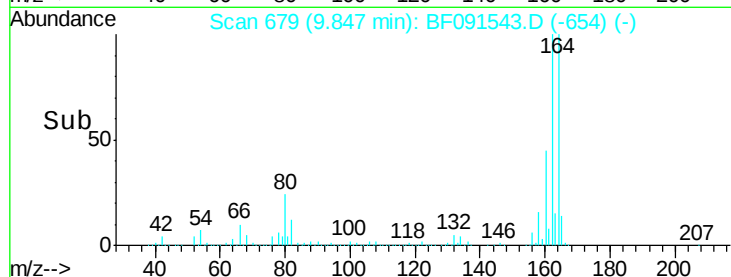
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion:164 Resp: 942532
Ion Ratio Lower Upper
164 100
162 100.2 82.6 124.0
160 45.4 36.7 55.1

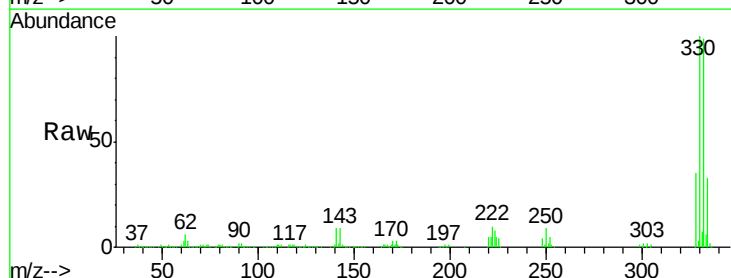


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

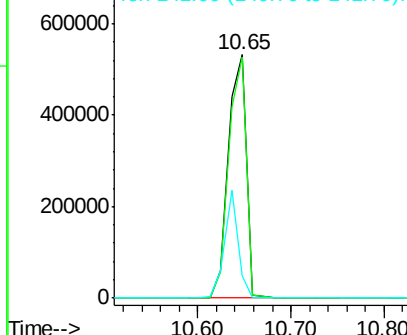
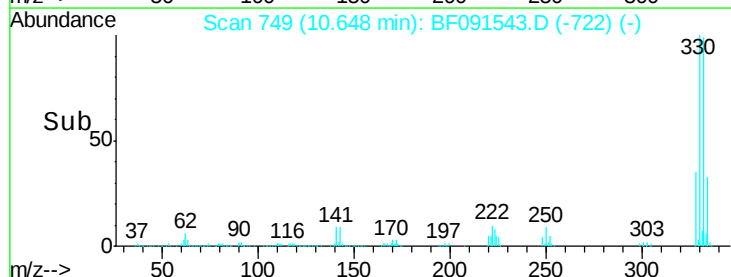


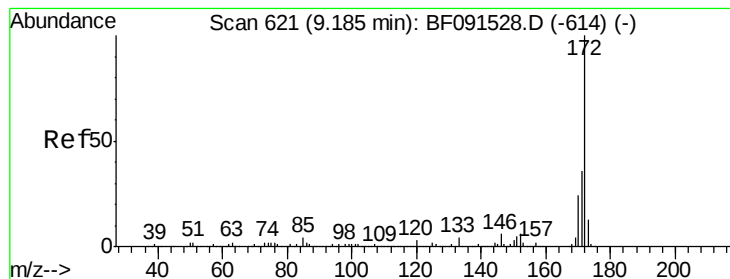
#41
2,4,6-Tribromophenol
Concen: 91.97 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Tgt Ion:330 Resp: 719969
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 33.8 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: 57.37 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampled :

URSMW-08

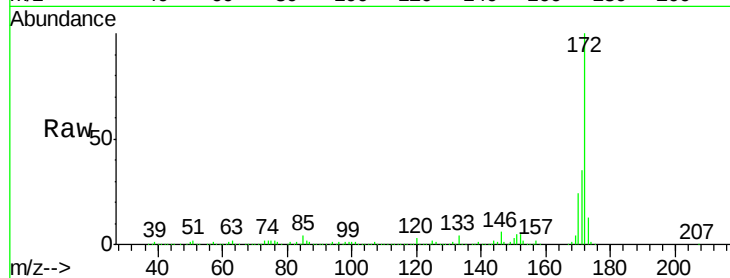
Tgt Ion:172 Resp: 3129415

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

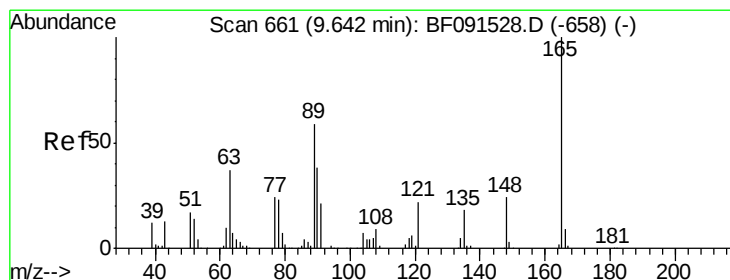
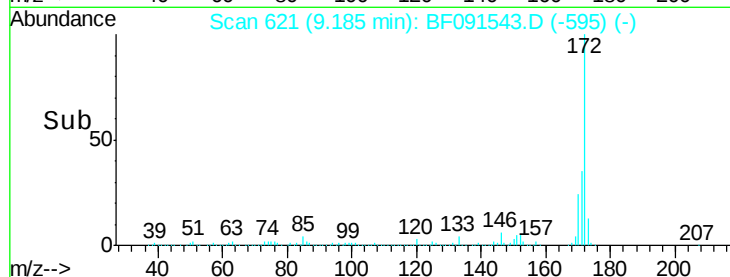
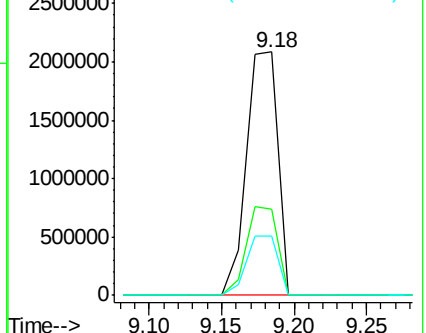
170 24.3 19.7 29.5



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: 9.59 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.21 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

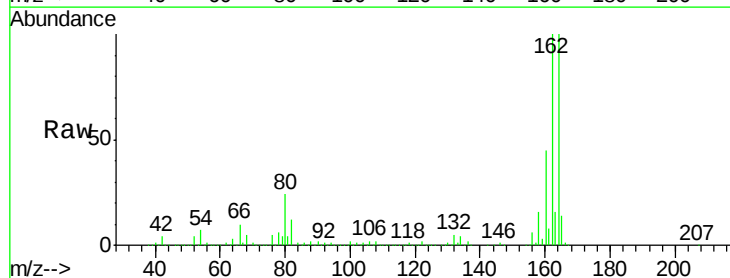
Tgt Ion:165 Resp: 125646

Ion Ratio Lower Upper

165 100

63 1.0 59.4 89.0#

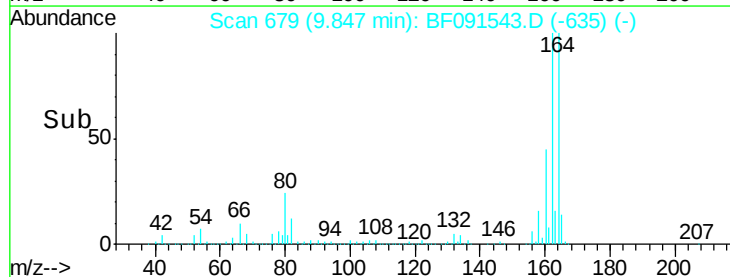
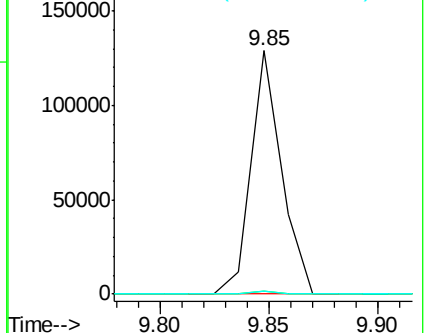
89 1.1 50.8 76.2#

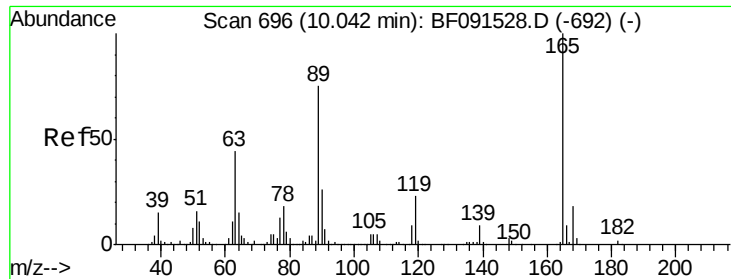


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

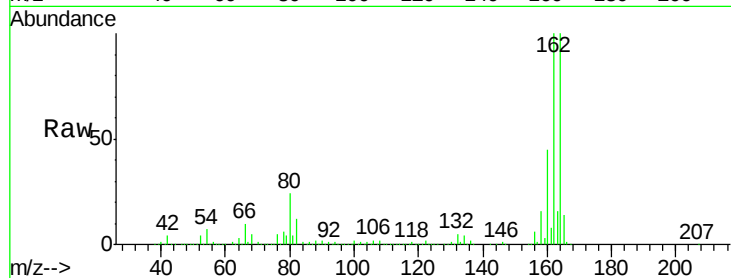




#56
2,4-Dinitrotoluene
Concen: 7.65 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

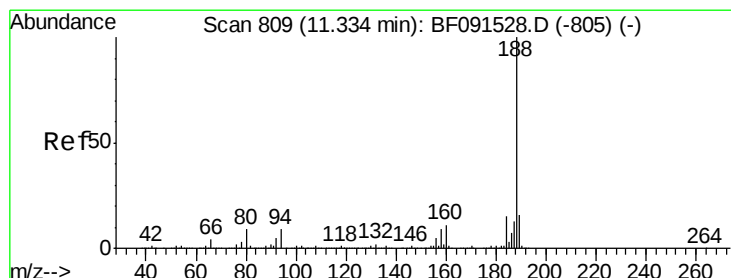
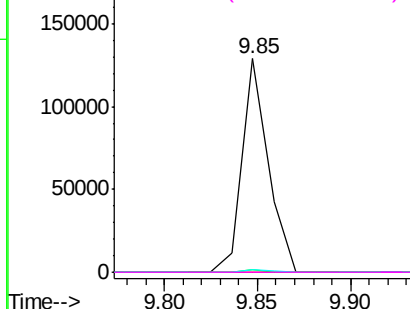
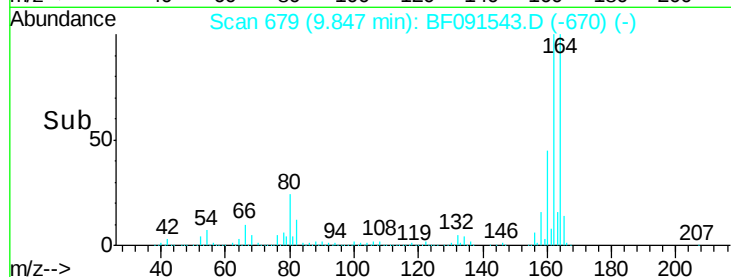


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

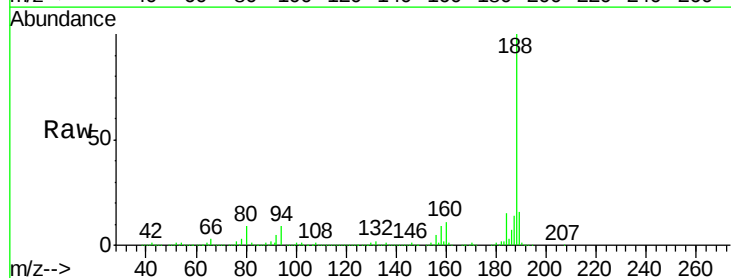
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

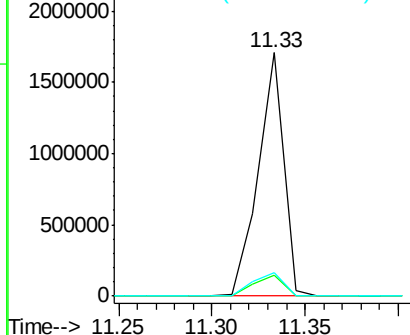
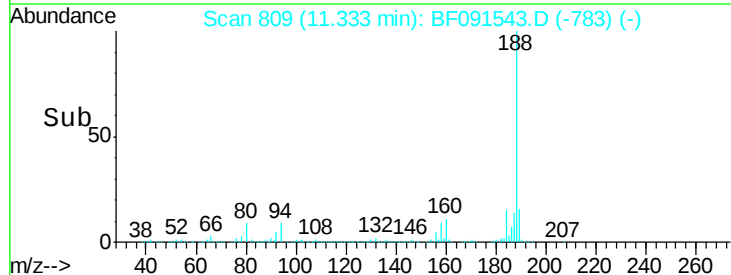
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.2	13.8#
80	9.4	10.5	15.7#

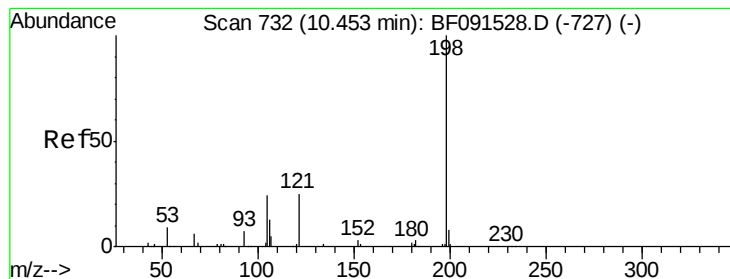


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.09 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

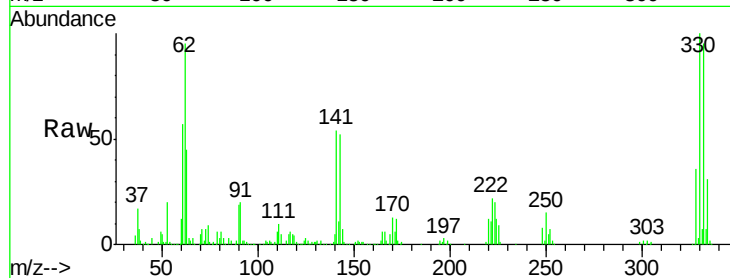
Tgt Ion:198 Resp: 1555

Ion Ratio Lower Upper

198 100

51 284.1 77.1 117.1#

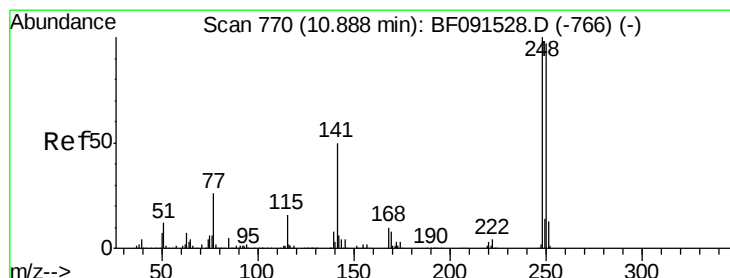
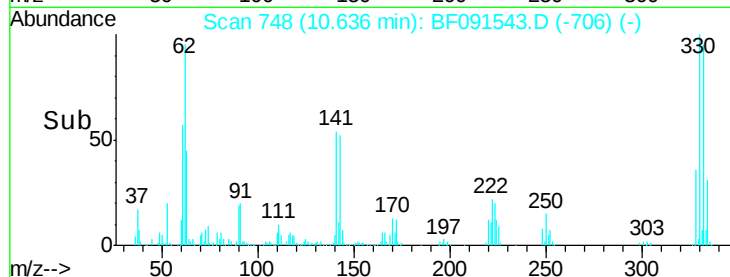
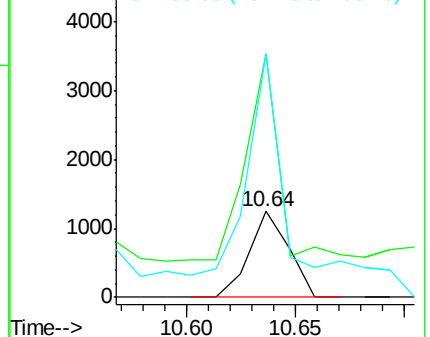
105 284.1 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.63 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

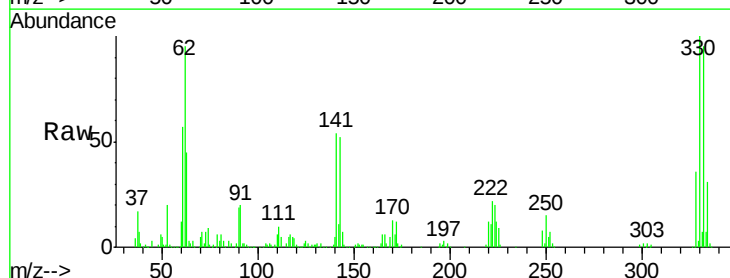
Tgt Ion:248 Resp: 43397

Ion Ratio Lower Upper

248 100

250 199.7 78.2 117.4#

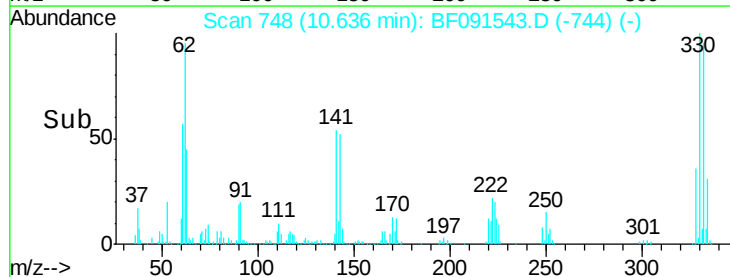
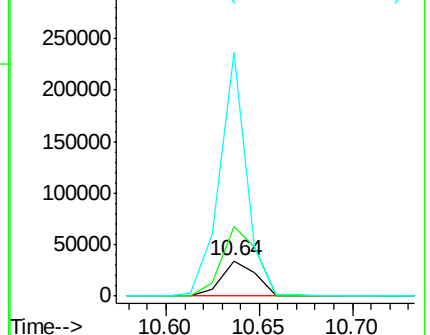
141 695.5 71.9 107.9#

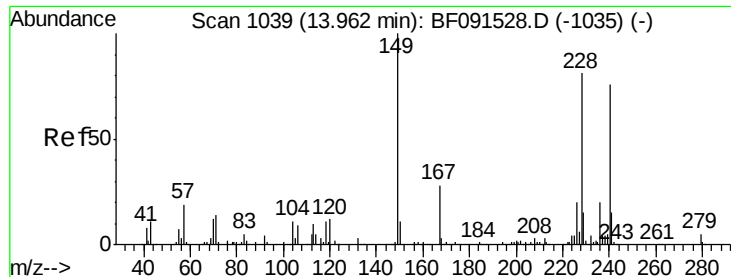


Abundance Ion 248.00 (247.70 to 248.70): E

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# 1039

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

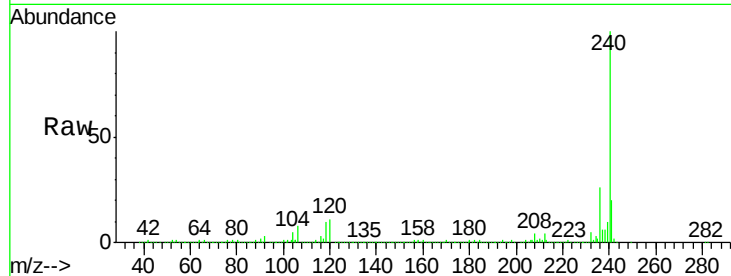
Tgt Ion:240 Resp: 1183452

Ion Ratio Lower Upper

240 100

120 11.3 12.1 18.1#

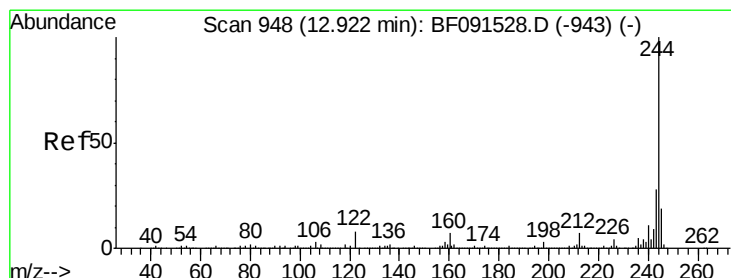
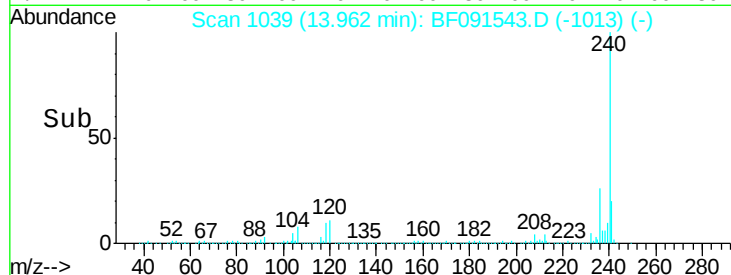
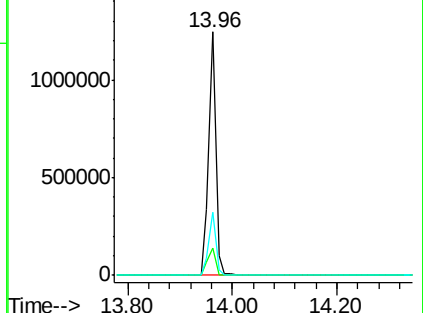
236 26.1 21.0 31.6



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



#78

Terphenyl-d14

Concen: 50.65 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

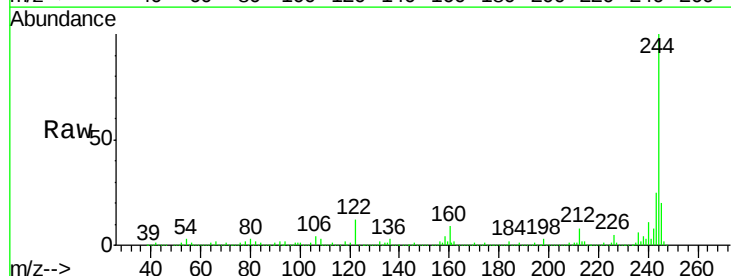
Tgt Ion:244 Resp: 2641381

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

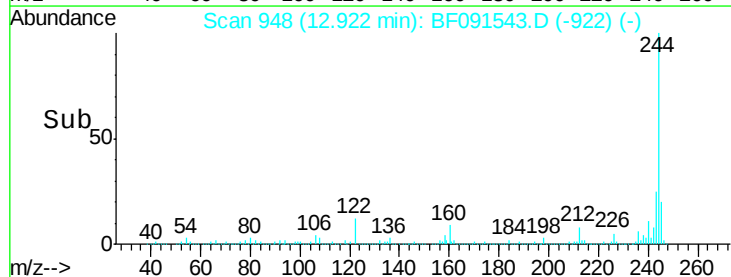
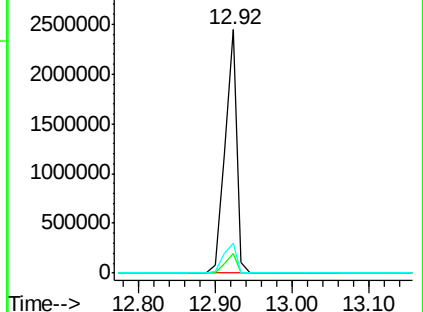
122 12.2 9.5 14.3

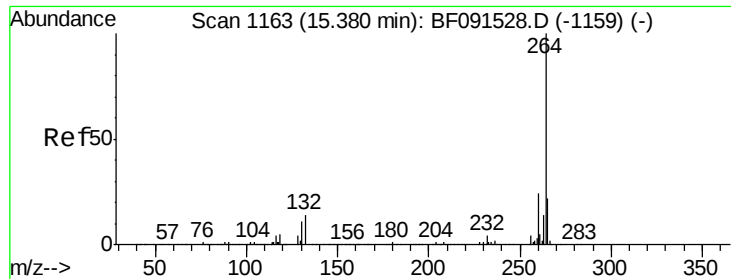


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091543.D
Acq: 9 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion: 264 Resp: 1041849

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.5	17.0	25.6

