

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091226.D
 Acq On : 17 Nov 2016 21:37
 Operator : UM/SJ
 Sample : H5681-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-2W

Quant Time: Nov 18 03:09:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

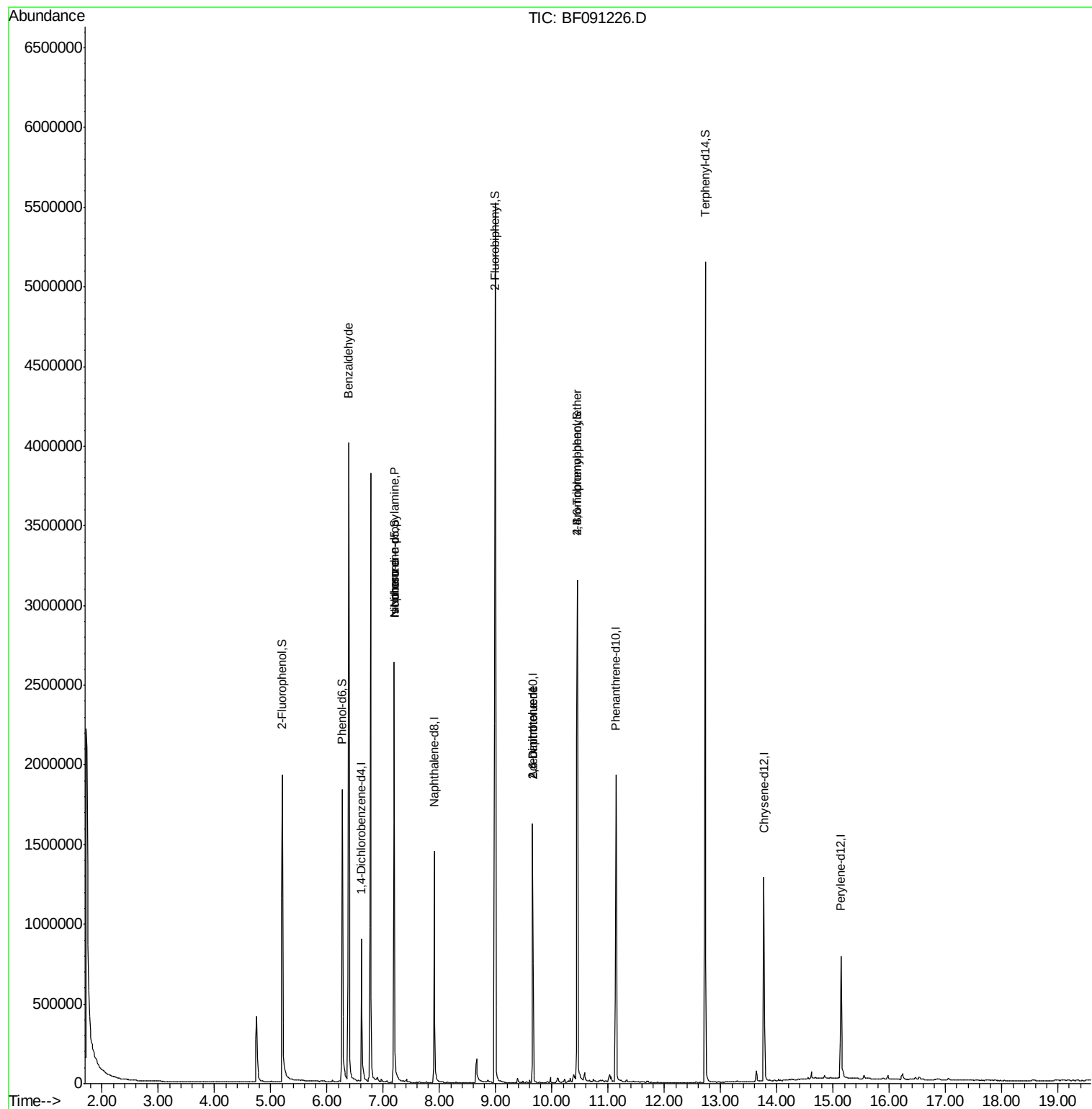
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	185393	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	762945	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	403145	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	731354	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	471874	20.00	ng	-0.05
86) Perylene-d12	15.14	264	343489	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	815371	72.64	ng	-0.03
7) Phenol-d6	6.27	99	705380	46.30	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1231222	88.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	556296	152.63	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2035026	86.91	ng	-0.05
78) Terphenyl-d14	12.73	244	1844460	97.54	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	28019	3.31	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.20	70	164539	15.58	ng	# 72
25) Isophorone	7.20	82	1197278	44.43	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	51689	9.12	ng	# 12
56) 2,4-Dinitrotoluene	9.65	165	51691	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	38876	5.11	ng	# 1

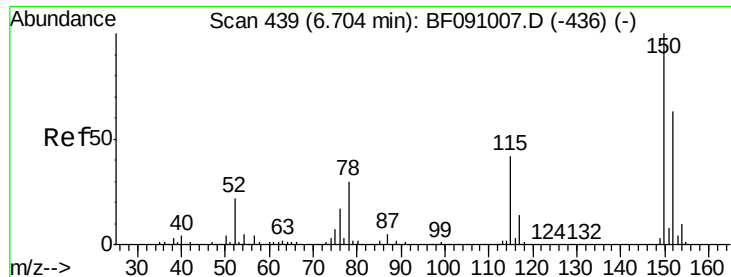
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Instrument :

BNA_F

ClientSampleId :

WQ-2W

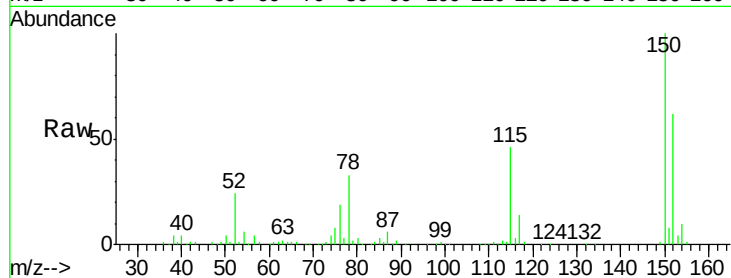
Tgt Ion:152 Resp: 185393

Ion Ratio Lower Upper

152 100

150 160.6 126.8 190.2

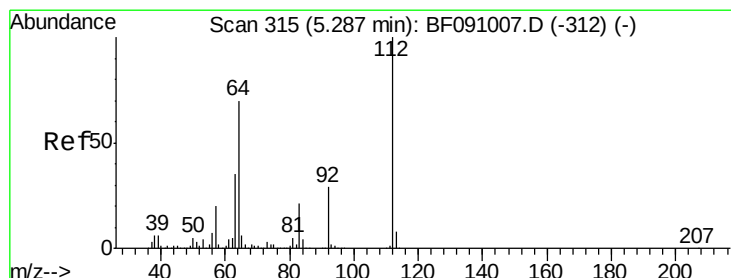
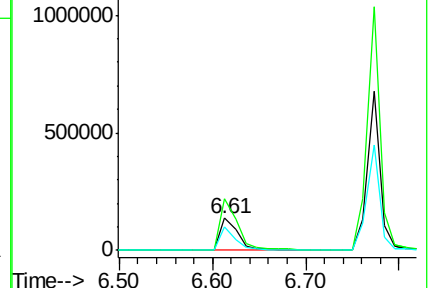
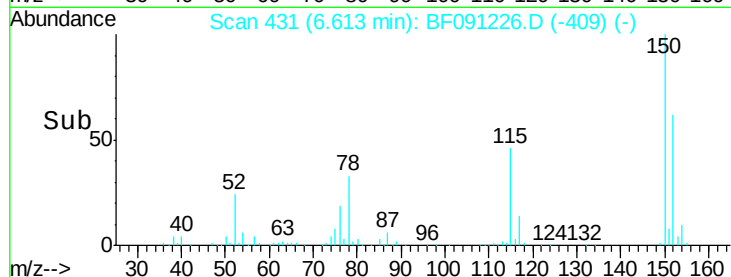
115 73.2 53.3 79.9



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: 72.64 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

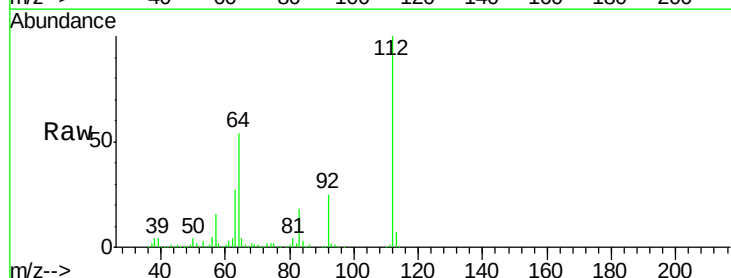
Tgt Ion:112 Resp: 815371

Ion Ratio Lower Upper

112 100

64 54.3 55.8 83.6#

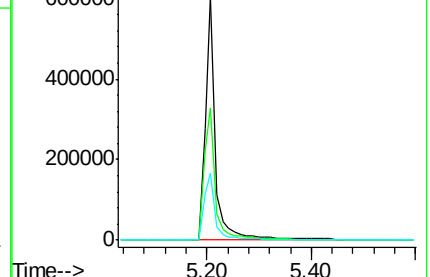
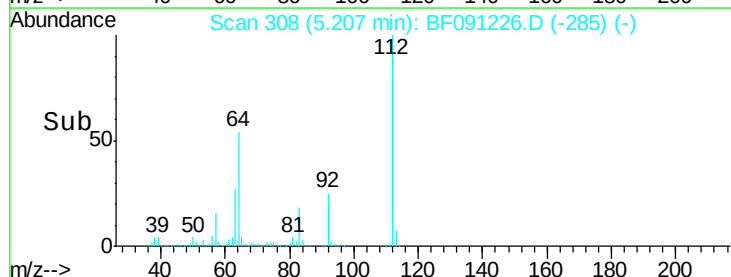
63 27.4 28.0 42.0#

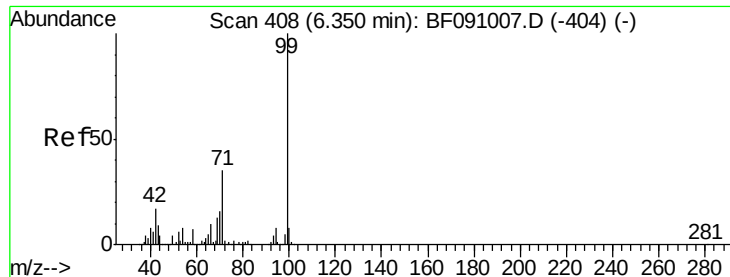


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.30 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Instrument :

BNA_F

ClientSampleId :

WQ-2W

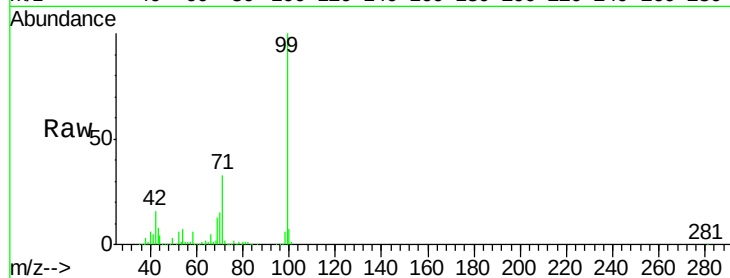
Tgt Ion: 99 Resp: 705380

Ion Ratio Lower Upper

99 100

42 15.7 13.9 20.9

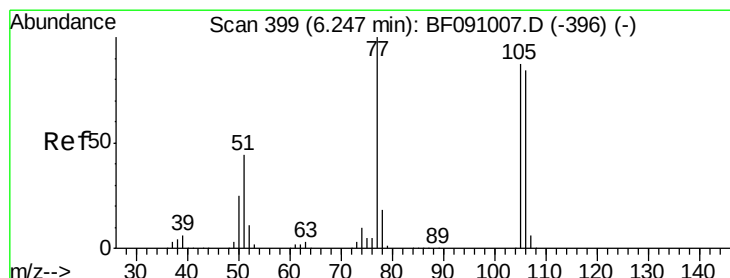
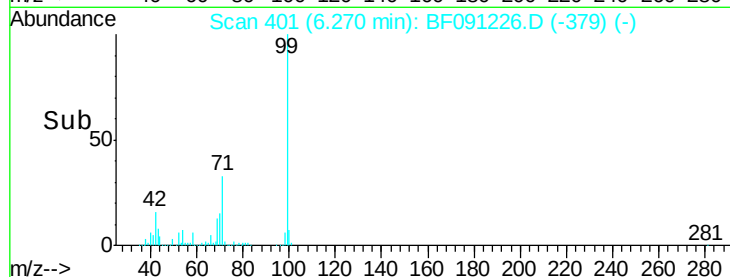
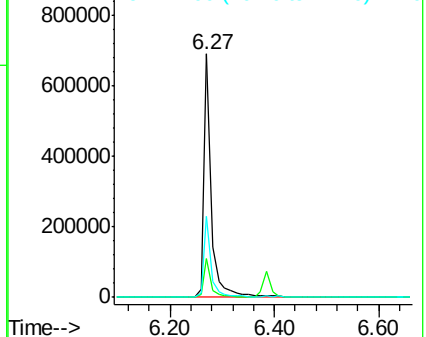
71 33.2 27.8 41.8



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



#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

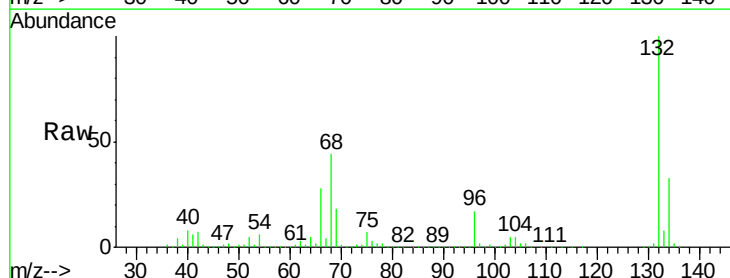
Tgt Ion: 77 Resp: 28019

Ion Ratio Lower Upper

77 100

105 74.9 66.8 106.8

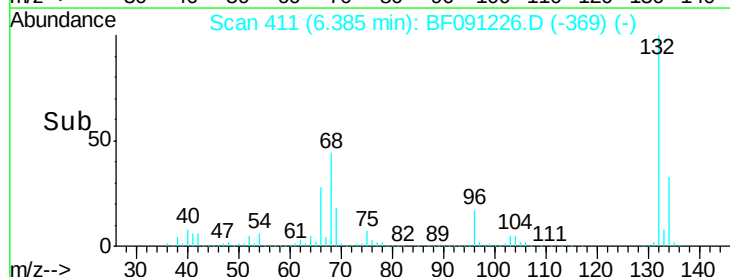
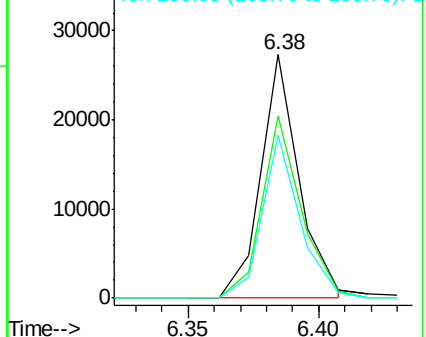
106 67.0 64.0 104.0

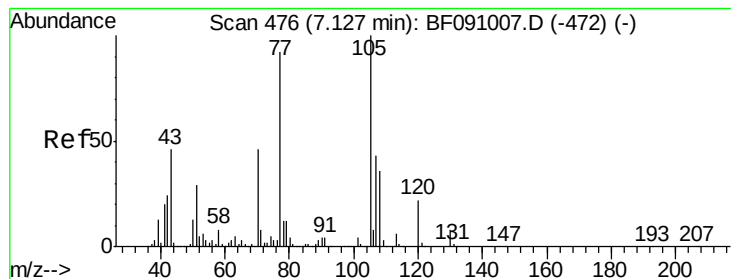


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.58 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Instrument :

BNA_F

ClientSampleId :

WQ-2W

Tgt Ion: 70 Resp: 164539

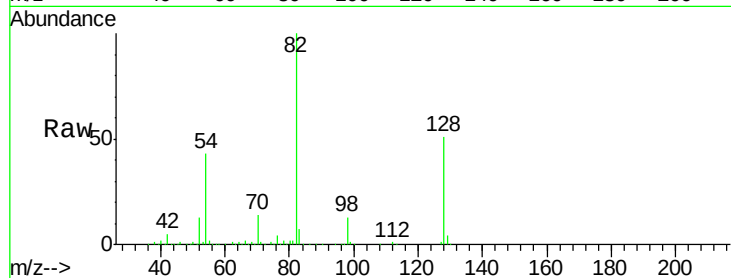
Ion Ratio Lower Upper

70 100

42 33.8 41.7 62.5#

101 0.0 6.7 10.1#

130 2.4 13.8 20.8#

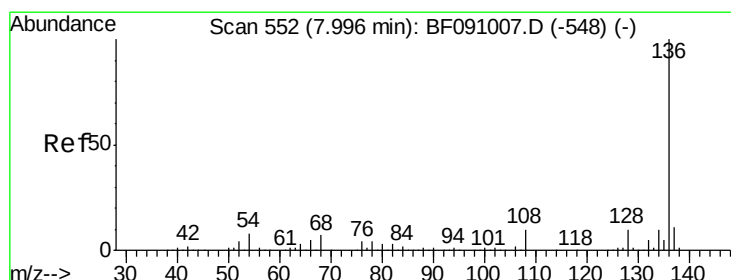
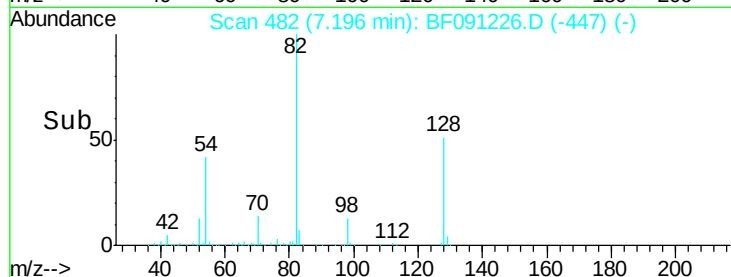
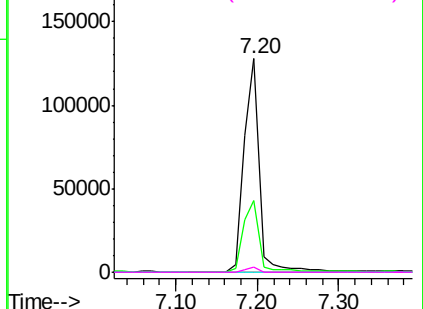


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Tgt Ion: 136 Resp: 762945

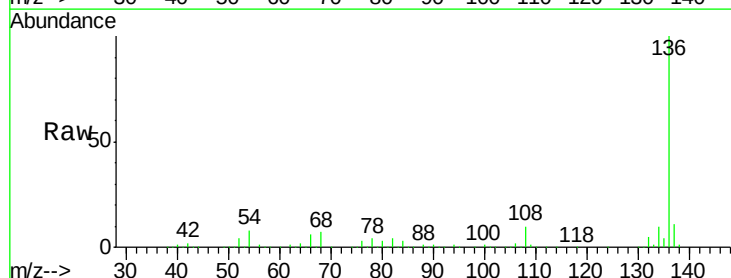
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.9 6.2 9.2

68 7.0 5.5 8.3

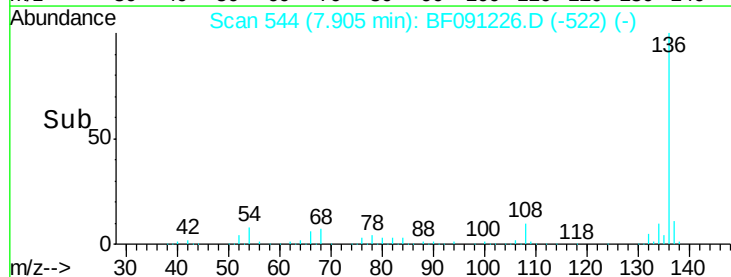
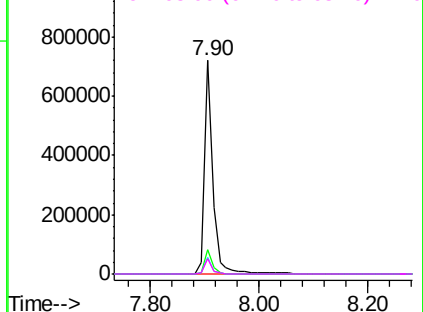


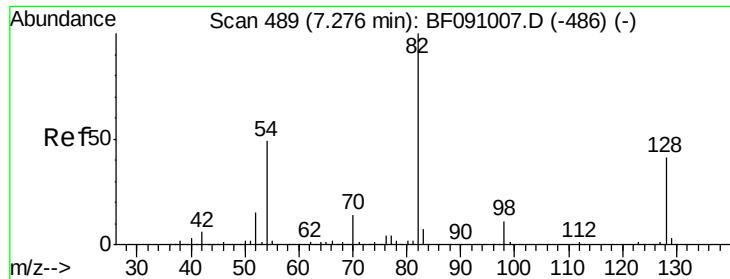
Abundance Ion 136.00 (135.70 to 136.70): E

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

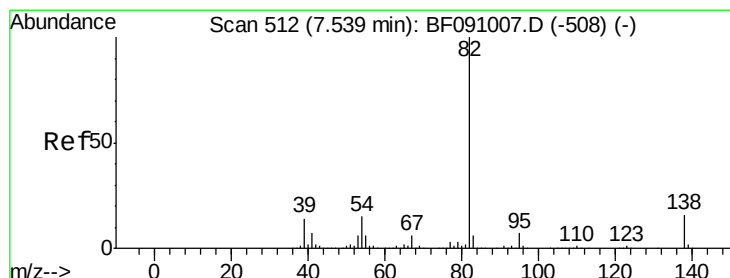
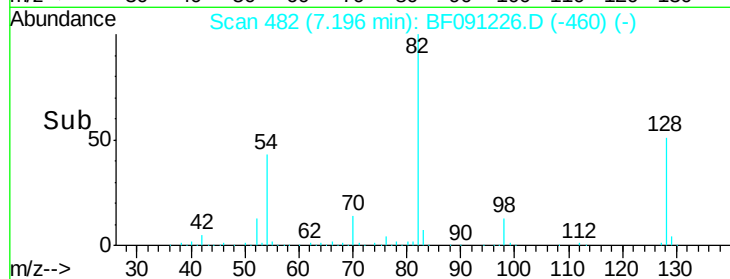
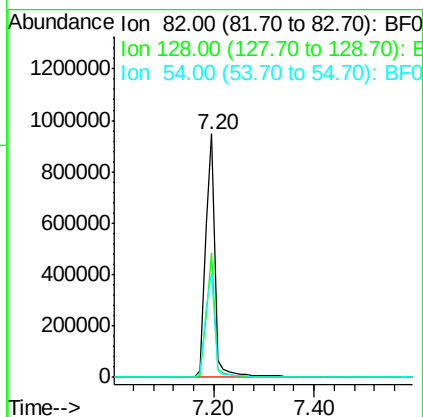
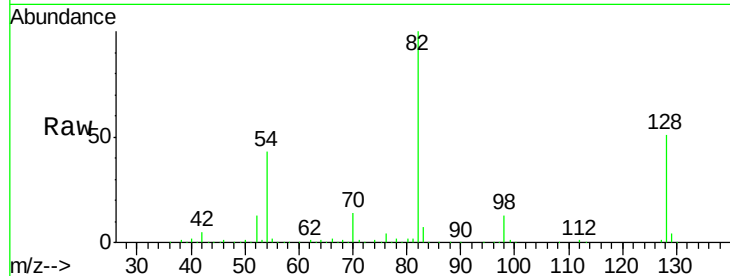




#23
Nitrobenzene-d5
Concen: 88.03 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

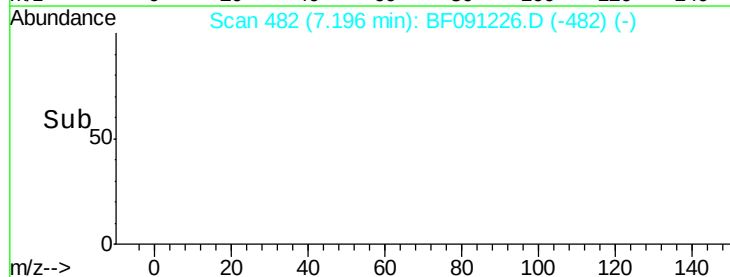
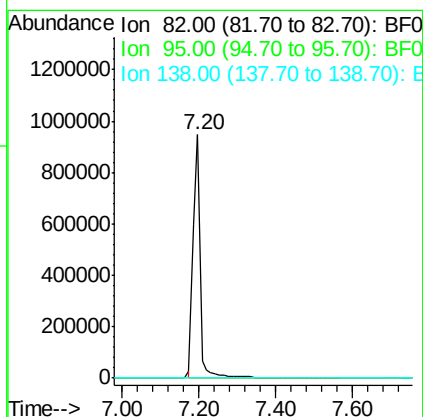
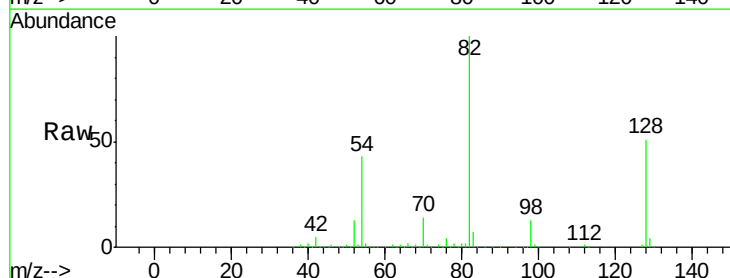
Instrument :
BNA_F
ClientSampleId :
WQ-2W

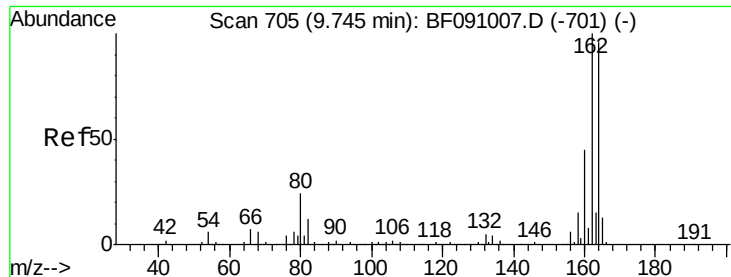
Tgt Ion: 82 Resp: 1231222
Ion Ratio Lower Upper
82 100
128 51.0 32.4 48.6#
54 42.6 39.2 58.8



#25
Isophorone
Concen: 44.43 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion: 82 Resp: 1197278
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Instrument :

BNA_F

ClientSampleId :

WQ-2W

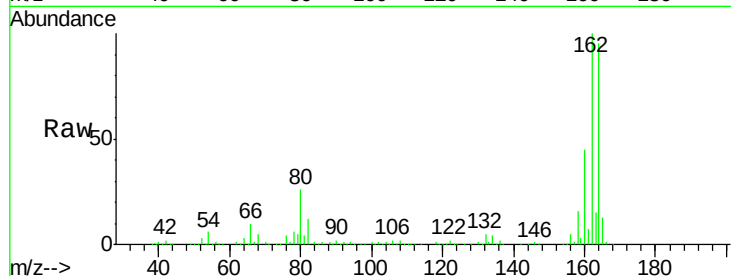
Tgt Ion:164 Resp: 403145

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

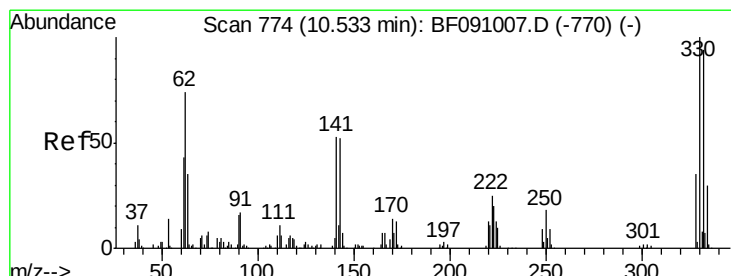
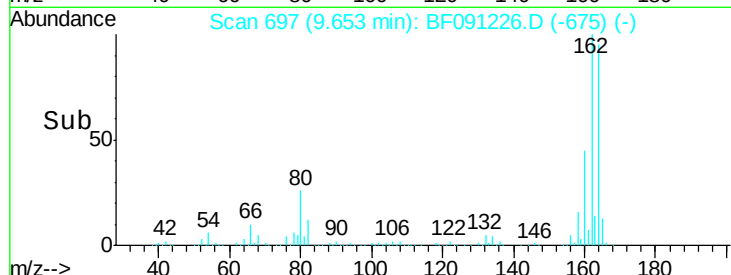
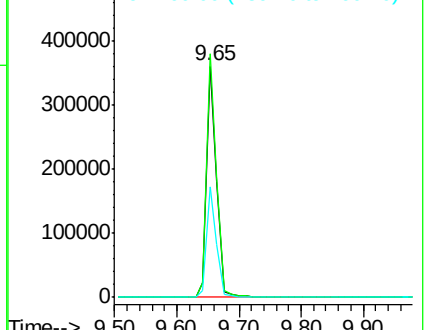
160 47.5 37.9 56.9



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: 152.63 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

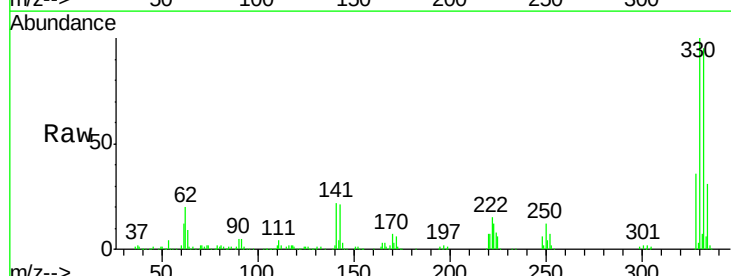
Tgt Ion:330 Resp: 556296

Ion Ratio Lower Upper

330 100

332 95.0 75.9 113.9

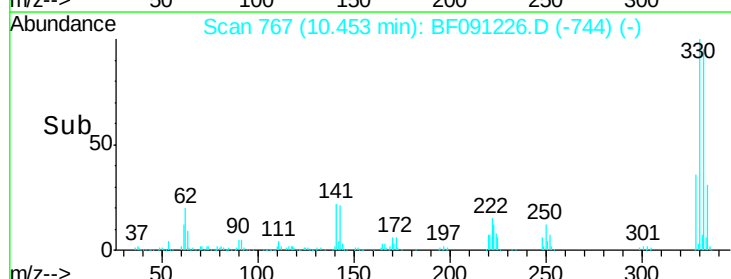
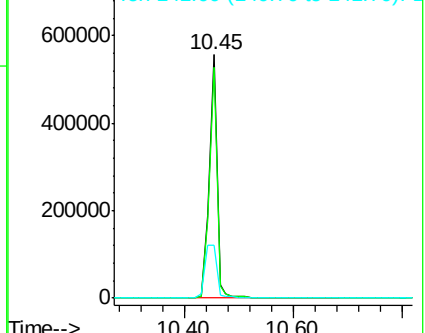
141 33.6 36.1 54.1#

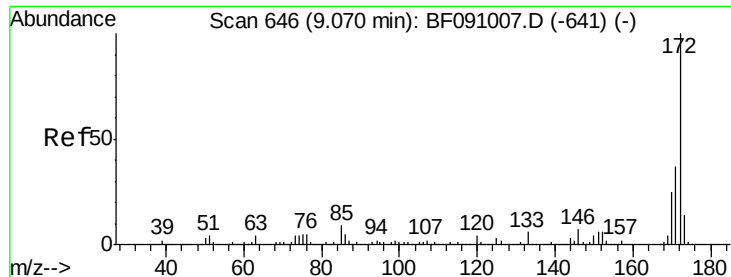


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

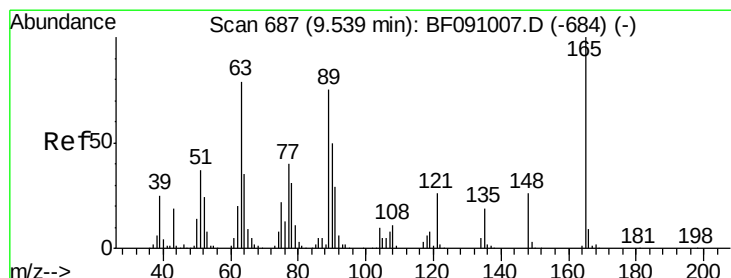
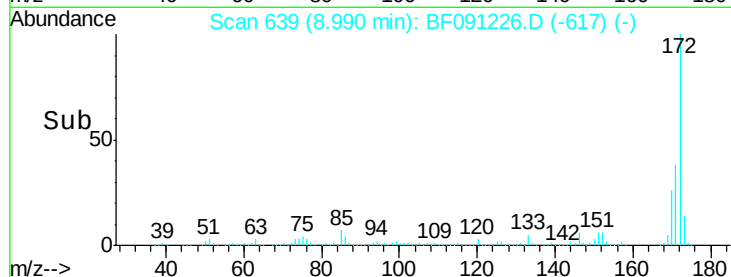
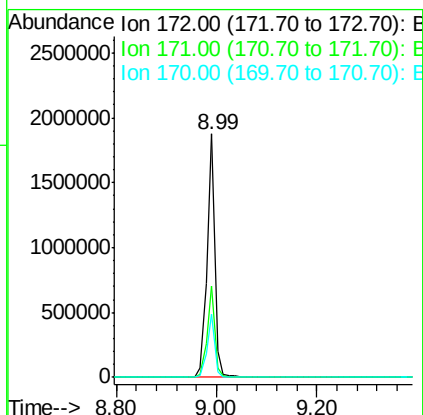
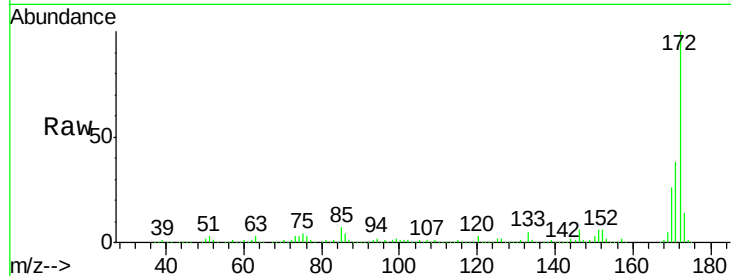




#44
 2-Fluorobiphenyl
 Concen: 86.91 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

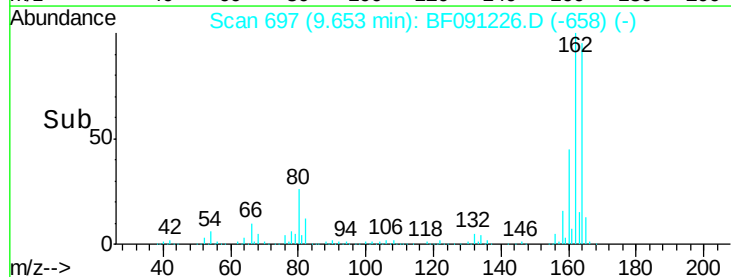
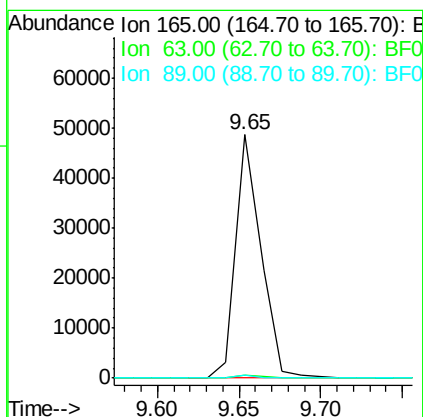
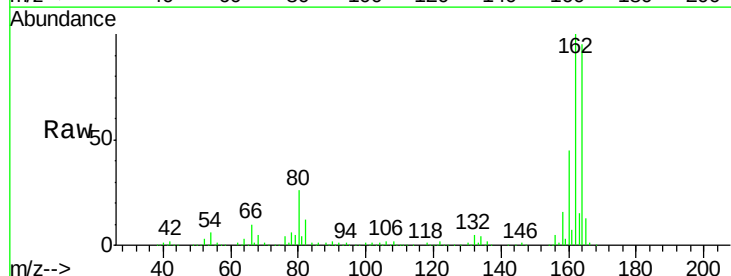
Instrument :
 BNA_F
 ClientSampleId :
 WQ-2W

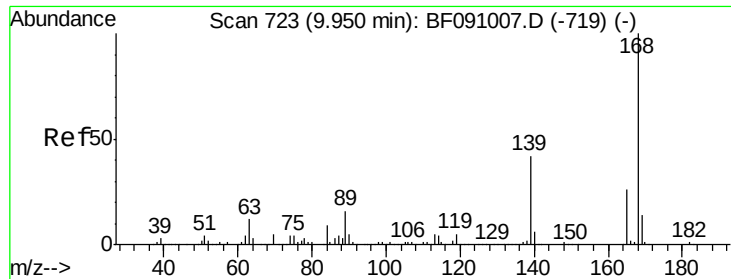
Tgt Ion:172 Resp: 2035026
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

Tgt Ion:165 Resp: 51689
 Ion Ratio Lower Upper
 165 100
 63 1.3 65.6 98.4#
 89 1.3 59.8 89.6#

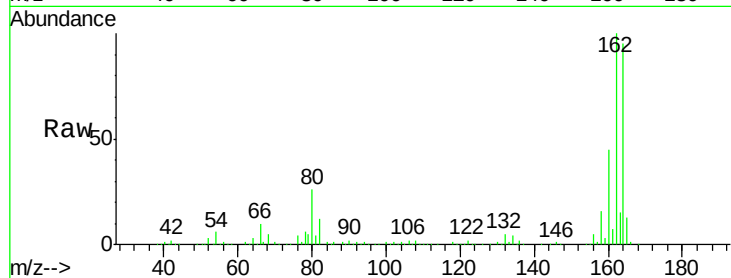




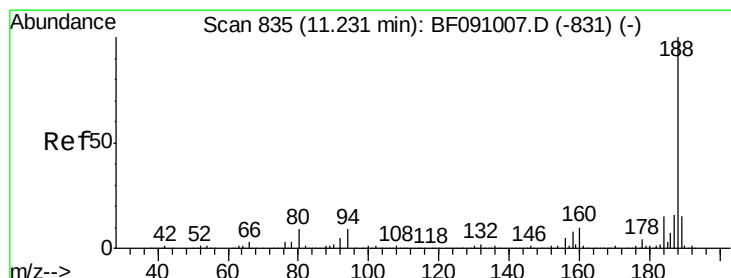
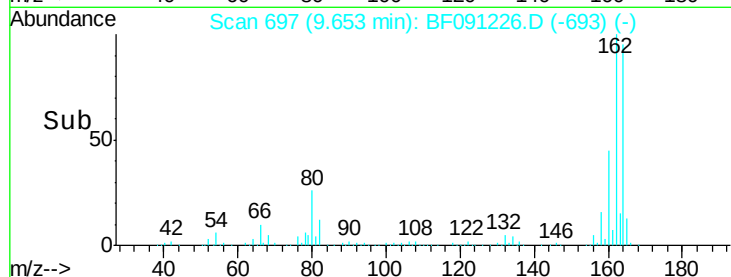
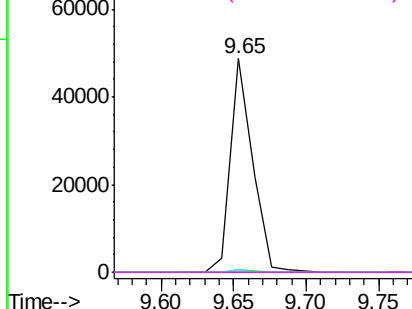
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 WQ-2W

Tgt Ion:165 Resp: 51691
 Ion Ratio Lower Upper
 165 100
 63 1.3 38.7 58.1#
 89 1.3 50.6 76.0#
 182 0.0 1.8 2.8#

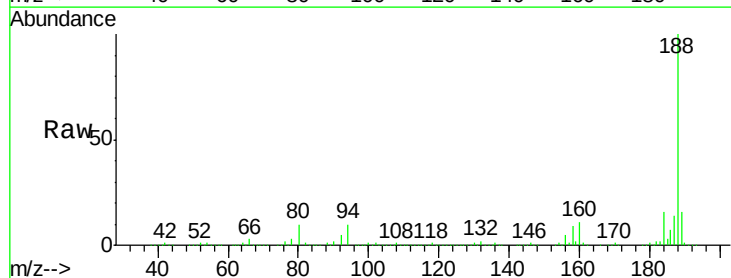


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

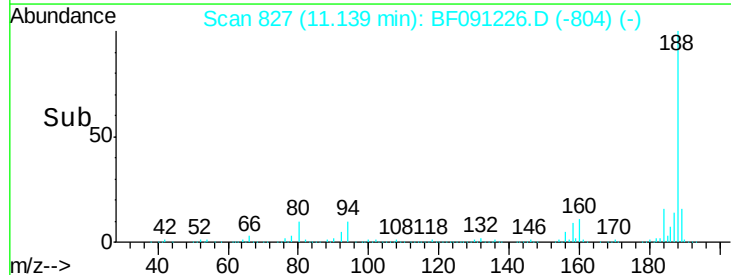
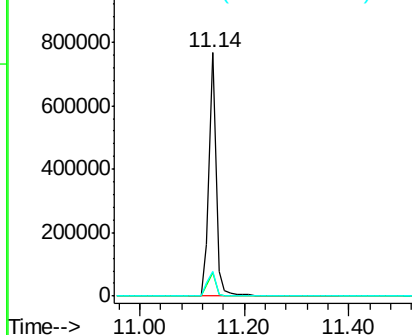


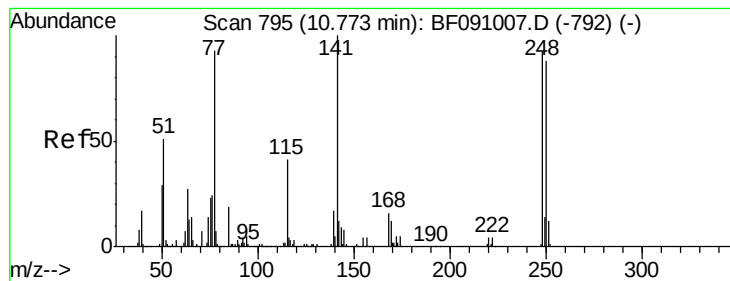
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

Tgt Ion:188 Resp: 731354
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.4
 80 10.4 7.5 11.3



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: 5.11 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.27 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

Instrument :

BNA_F

ClientSampleId :

WQ-2W

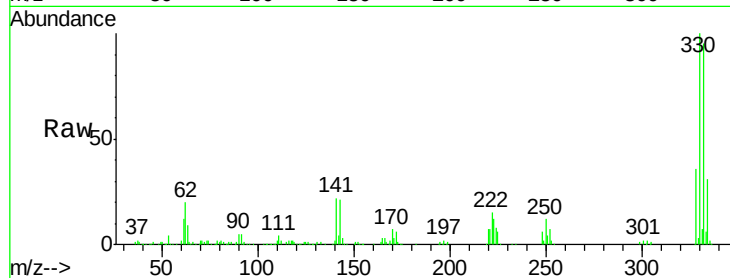
Tgt Ion:248 Resp: 38876

Ion Ratio Lower Upper

248 100

250 197.2 76.3 114.5#

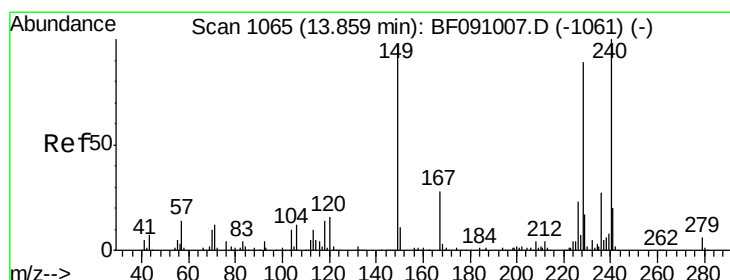
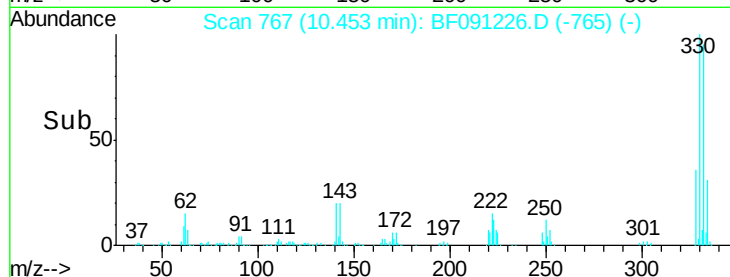
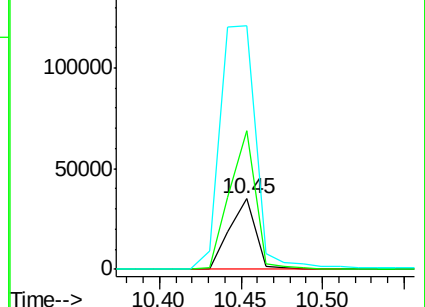
141 345.1 86.8 130.2#



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: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091226.D

Acq: 17 Nov 2016 21:37

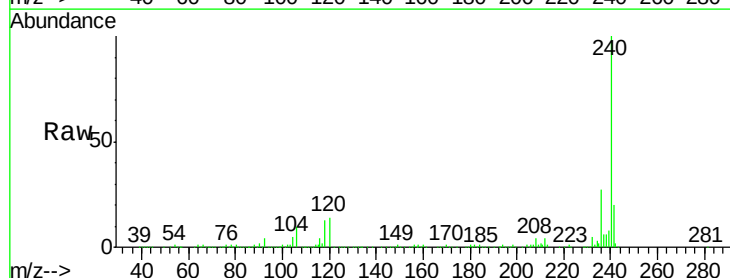
Tgt Ion:240 Resp: 471874

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

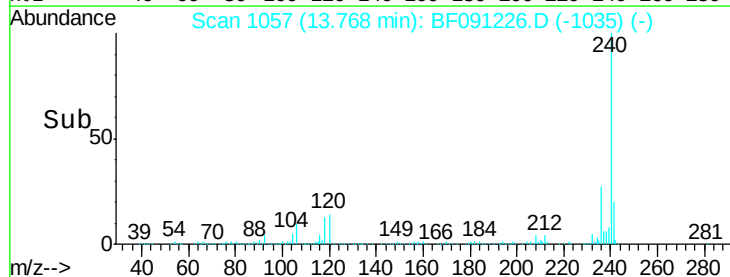
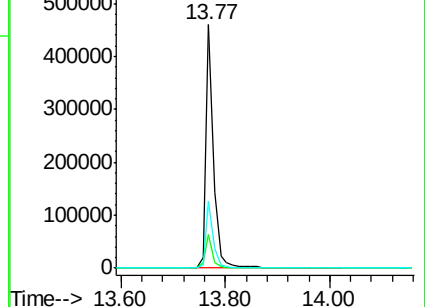
236 27.3 21.9 32.9

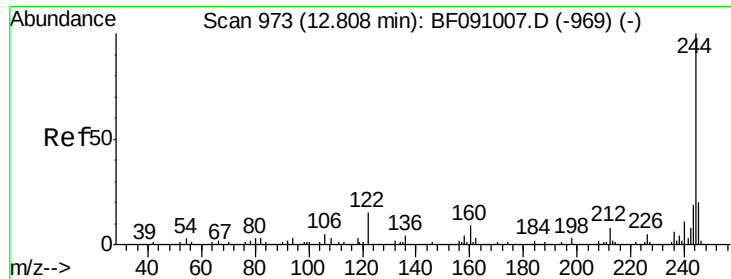


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

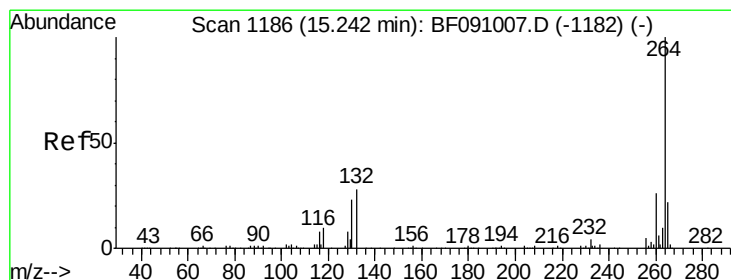
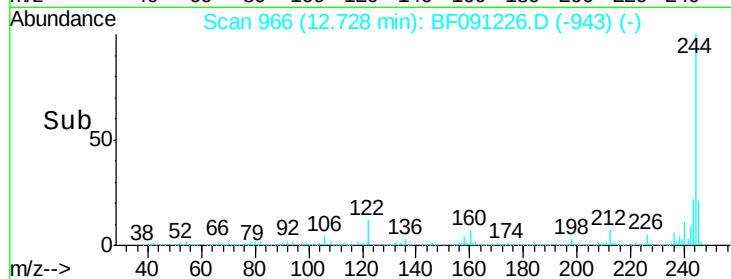
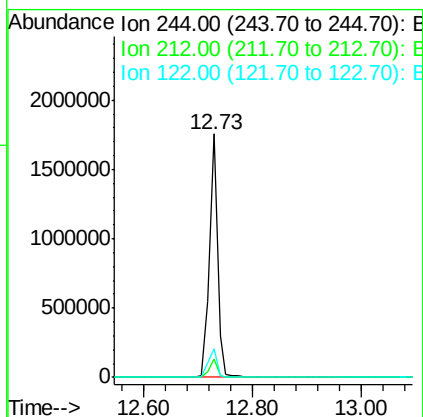
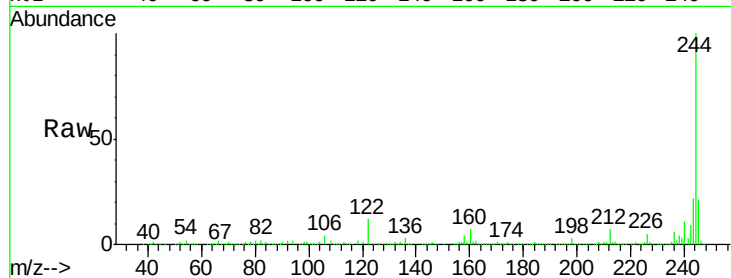




#78
 Terphenyl-d14
 Concen: 97.54 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 WQ-2W

Tgt Ion:244 Resp: 1844460
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 11.7 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091226.D
 Acq: 17 Nov 2016 21:37

Tgt Ion:264 Resp: 343489
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.3 17.8 26.8

