

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091234.D
 Acq On : 18 Nov 2016 14:54
 Operator : UM/SJ
 Sample : H5681-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Quant Time: Nov 18 21:58:48 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

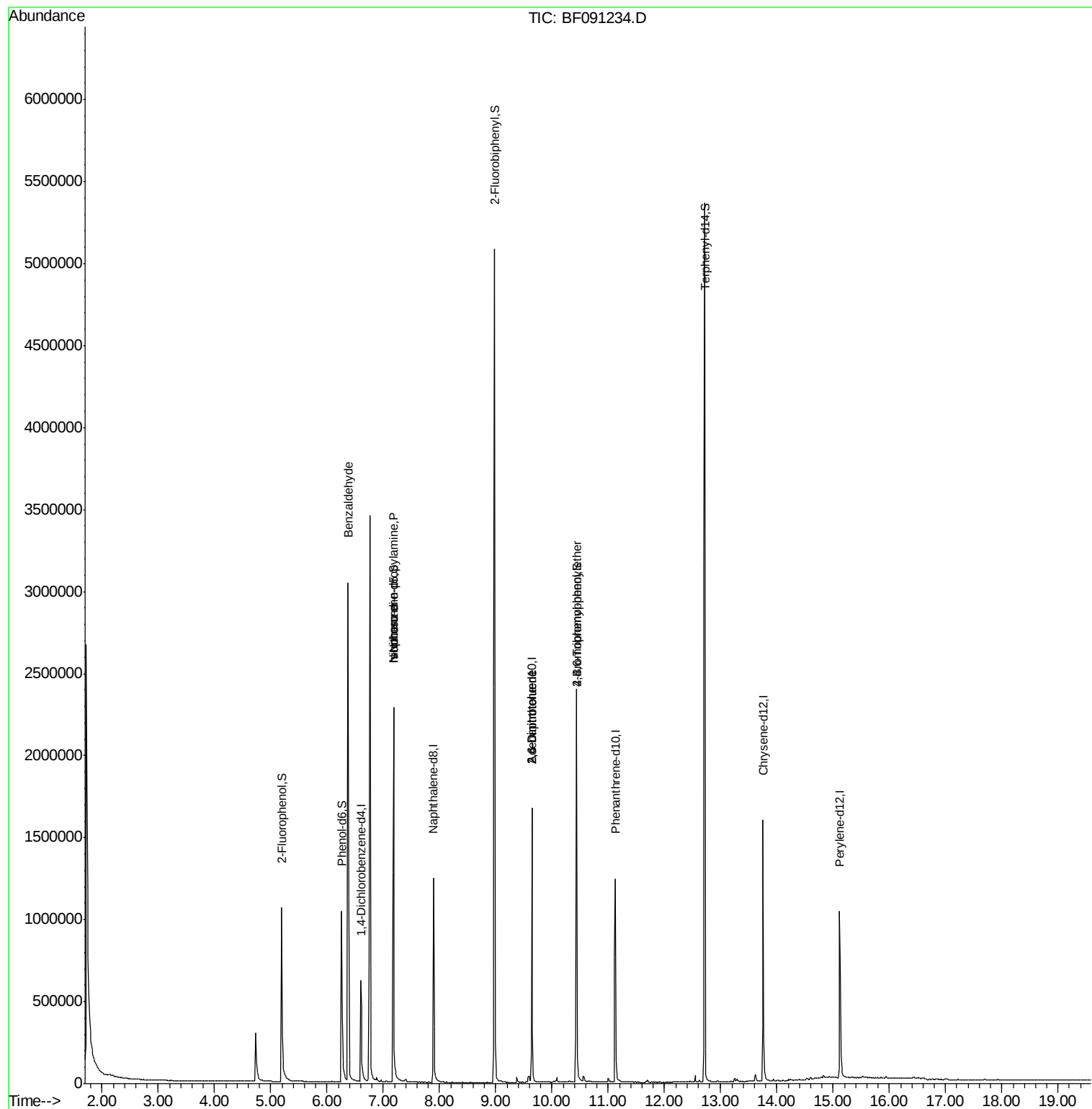
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	160080	20.00	ng	-0.06
21) Naphthalene-d8	7.89	136	665233	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	368499	20.00	ng	-0.06
63) Phenanthrene-d10	11.13	188	636812	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	602857	20.00	ng	-0.06
86) Perylene-d12	15.12	264	489516	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	588476	60.71	ng	-0.05
7) Phenol-d6	6.26	99	501768	38.14	ng	-0.06
23) Nitrobenzene-d5	7.18	82	1046421	85.81	ng	-0.06
41) 2,4,6-Tribromophenol	10.44	330	574863	172.56	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1928093	90.08	ng	-0.06
78) Terphenyl-d14	12.72	244	2139520	88.56	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.37	77	19307	2.64	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.18	70	137066	15.03	ng	# 73
25) Isophorone	7.18	82	1033545	43.98	ng	# 67
50) 2,6-Dinitrotoluene	9.64	165	48065	9.28	ng	# 11
56) 2,4-Dinitrotoluene	9.64	165	48067	7.30	ng	# 25
66) 4-Bromophenyl-phenylether	10.44	248	33801	5.10	ng	# 1

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

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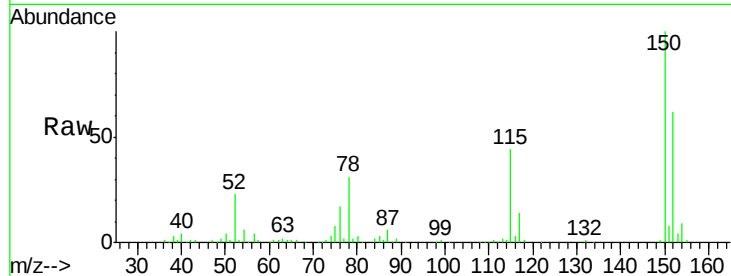


#1

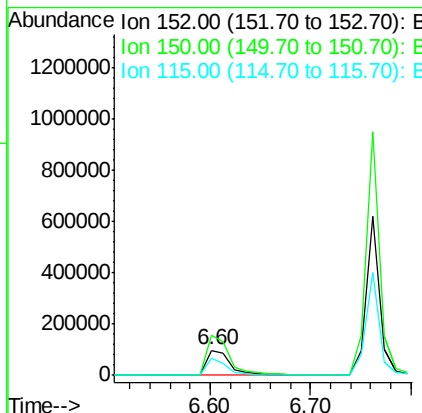
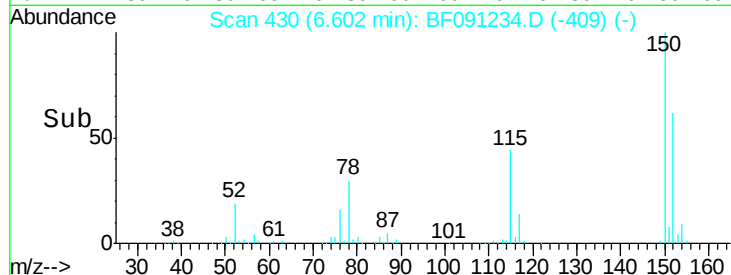
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion:152 Resp: 160080
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.8 190.2
 115 69.9 53.3 79.9



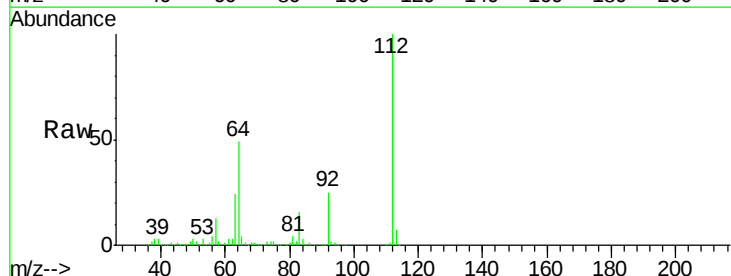
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



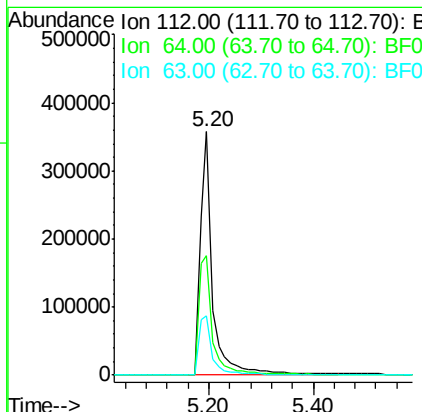
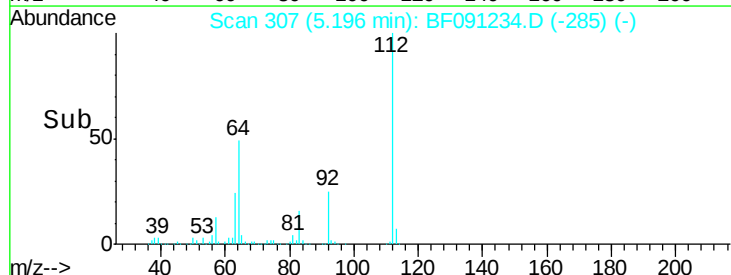
#5

2-Fluorophenol
 Concen: 60.71 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:112 Resp: 588476
 Ion Ratio Lower Upper
 112 100
 64 49.0 55.8 83.6#
 63 24.5 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: 38.14 ng

RT: 6.26 min Scan# 400

Delta R.T. -0.06 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Instrument :

BNA_F

ClientSampled :

WQ-7W

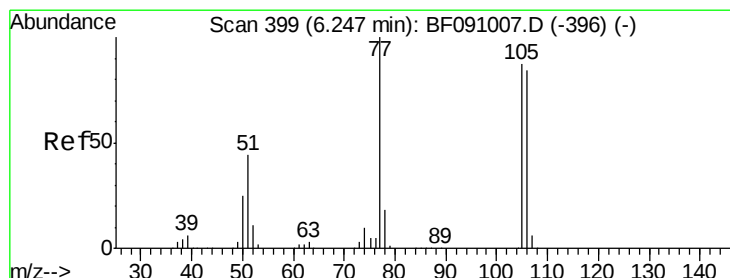
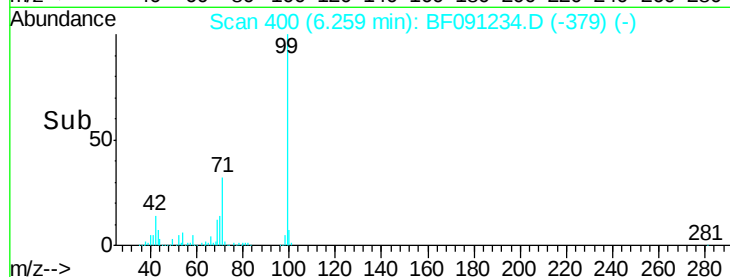
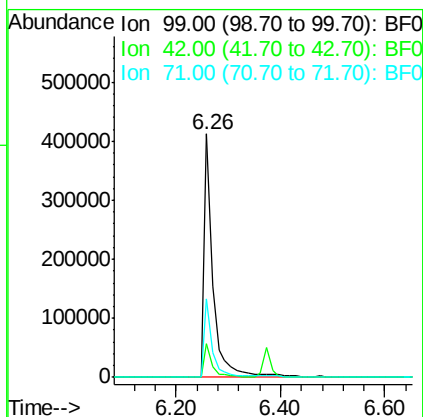
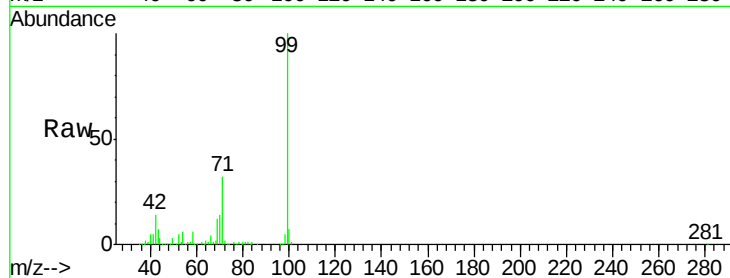
Tgt Ion: 99 Resp: 501768

Ion Ratio Lower Upper

99 100

42 13.8 13.9 20.9#

71 32.0 27.8 41.8



#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.17 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

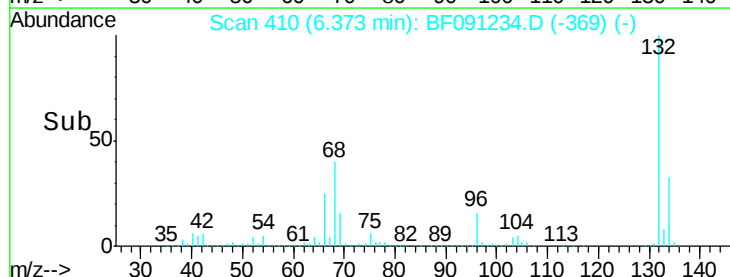
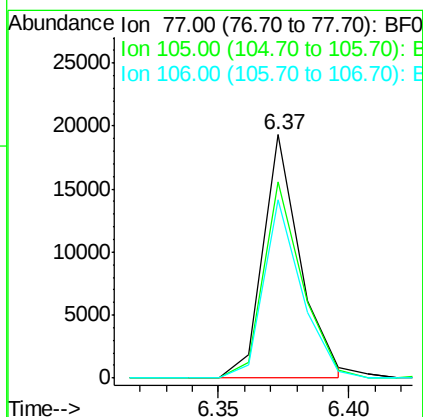
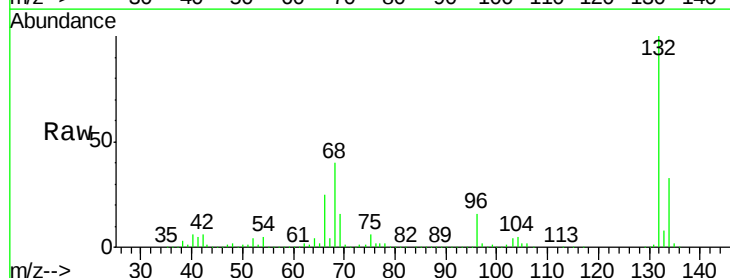
Tgt Ion: 77 Resp: 19307

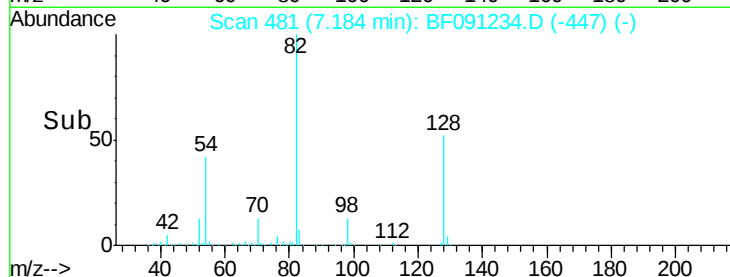
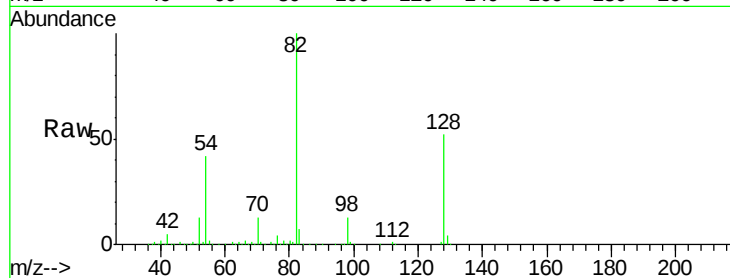
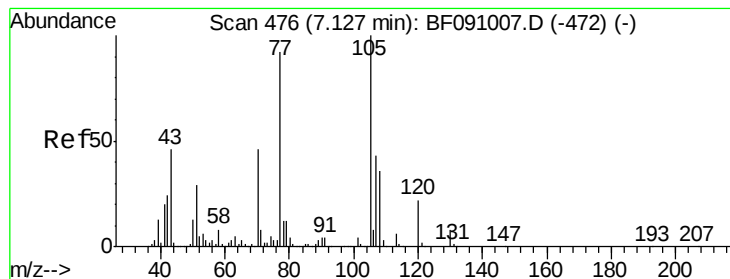
Ion Ratio Lower Upper

77 100

105 80.7 66.8 106.8

106 73.5 64.0 104.0





#19

n-Nitroso-di-n-propylamine

Concen: 15.03 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.09 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Instrument :

BNA_F

ClientSampleId :

WQ-7W

Tgt Ion: 70 Resp: 137066

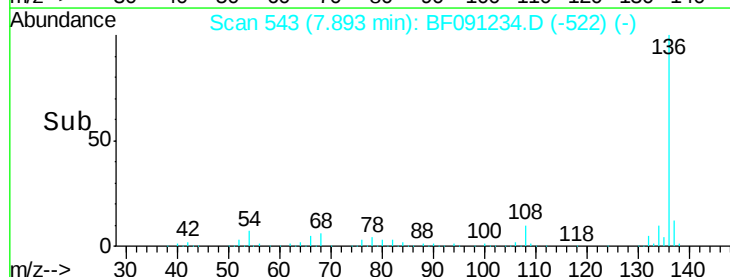
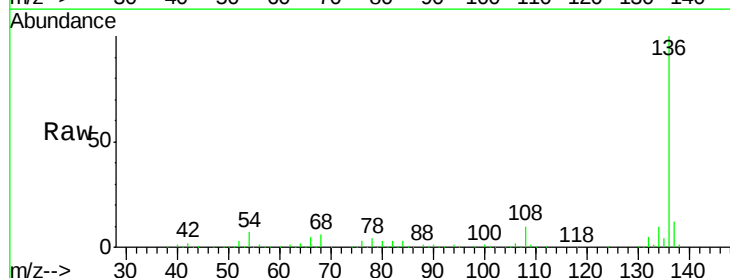
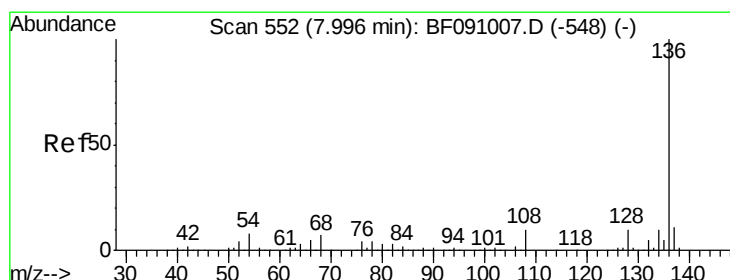
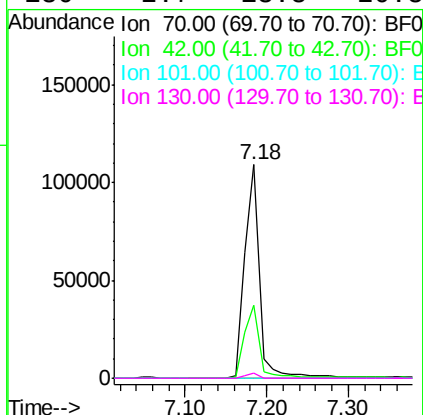
Ion Ratio Lower Upper

70 100

42 34.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.7 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 543

Delta R.T. -0.06 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Tgt Ion: 136 Resp: 665233

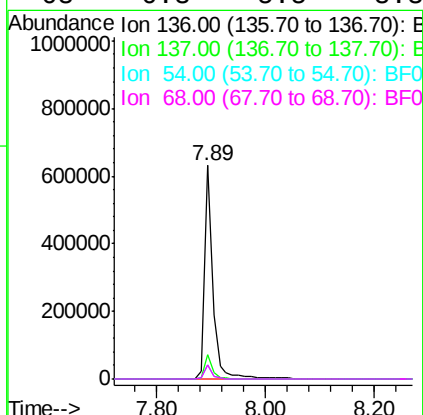
Ion Ratio Lower Upper

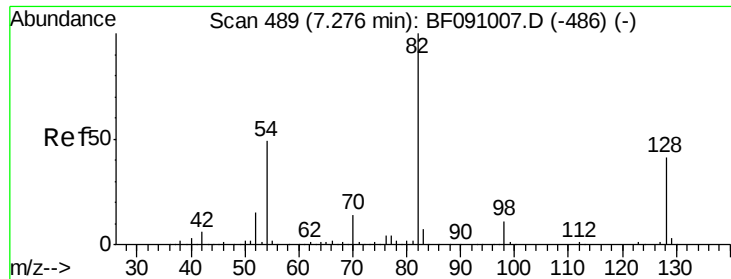
136 100

137 11.6 8.9 13.3

54 6.9 6.2 9.2

68 6.3 5.5 8.3

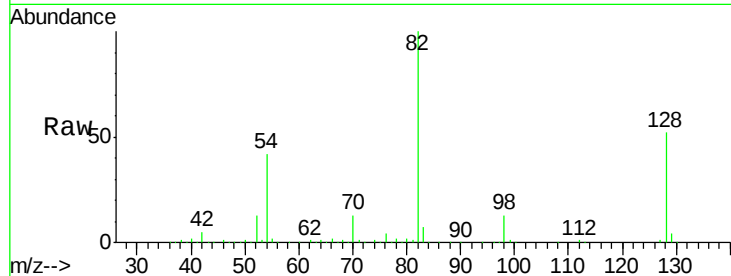




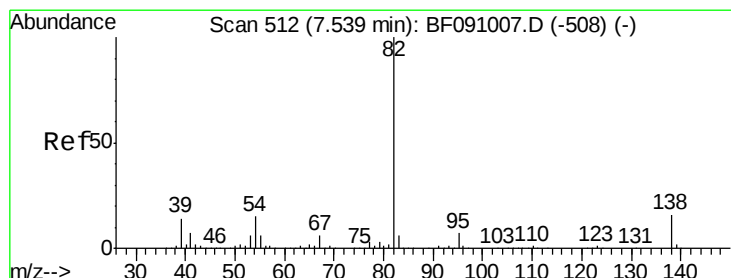
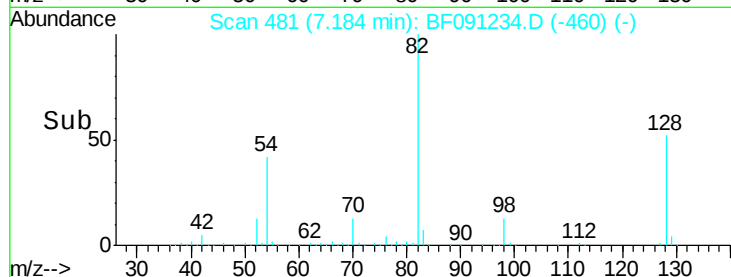
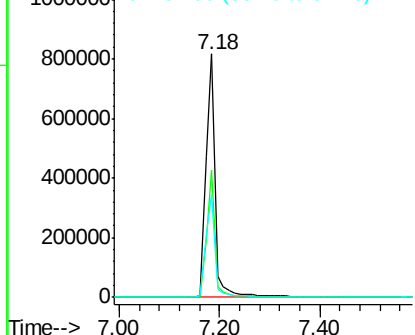
#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.06 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion: 82 Resp: 1046421
 Ion Ratio Lower Upper
 82 100
 128 52.2 32.4 48.6#
 54 42.2 39.2 58.8

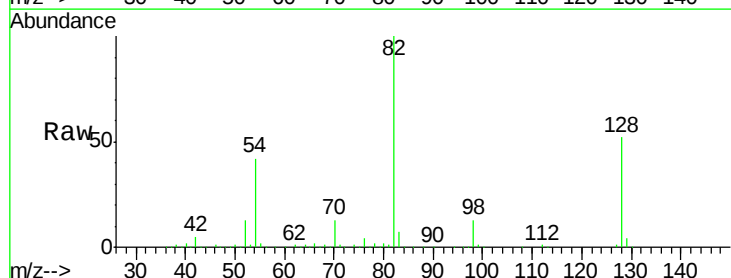


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

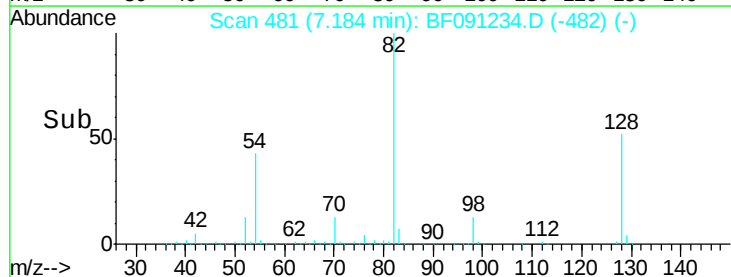
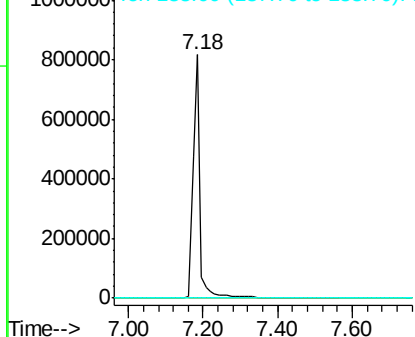


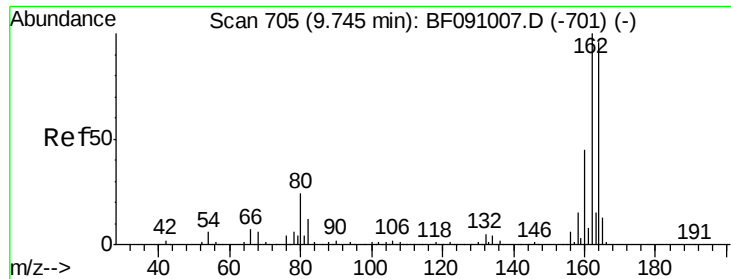
#25
 Isophorone
 Concen: 43.98 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.31 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion: 82 Resp: 1033545
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

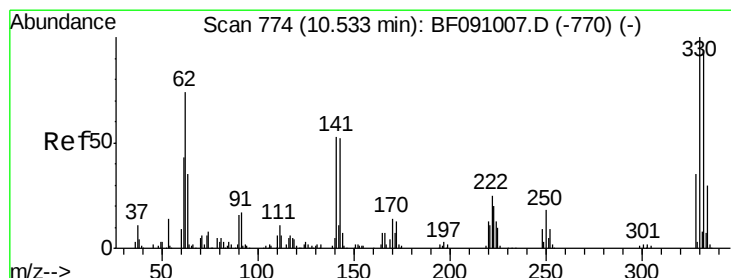
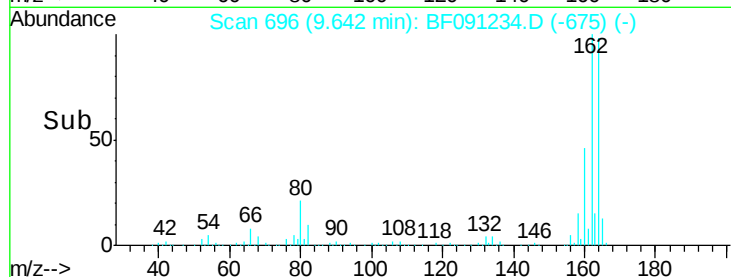
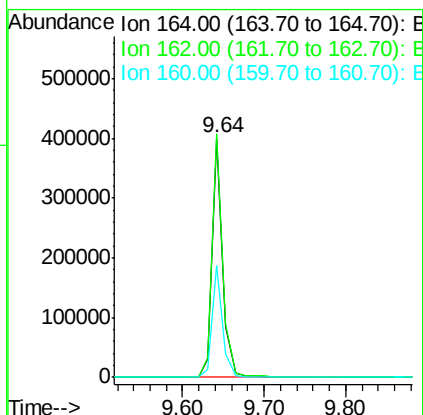
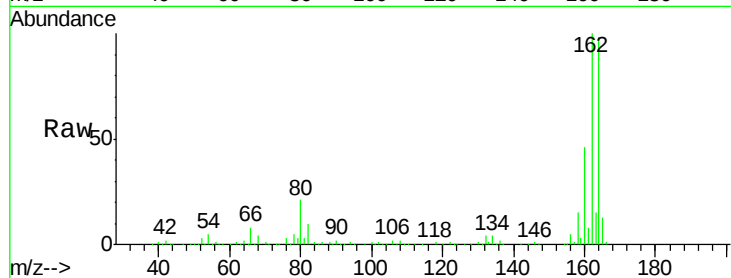




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.06 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

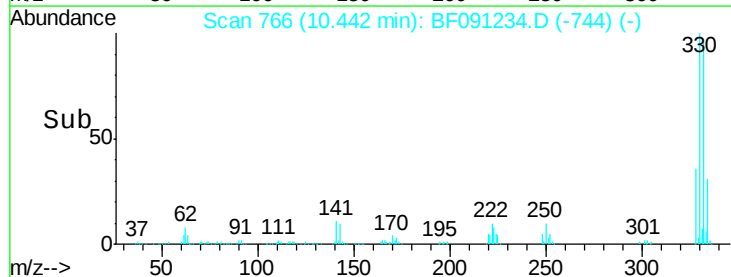
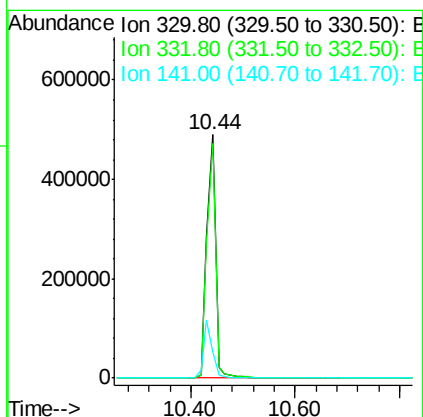
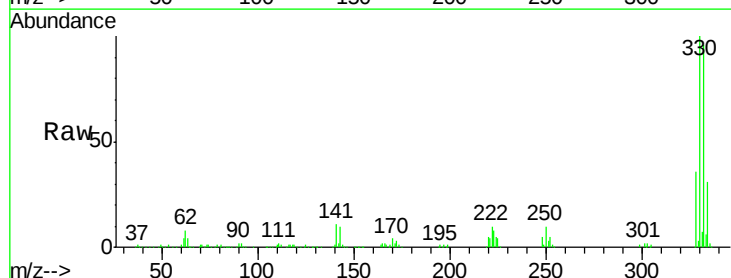
Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

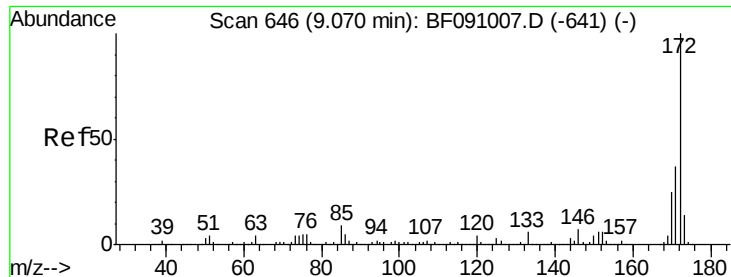
Tgt Ion:164 Resp: 368499
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.6 125.4
 160 46.8 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 172.56 ng
 RT: 10.44 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:330 Resp: 574863
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 23.7 36.1 54.1#

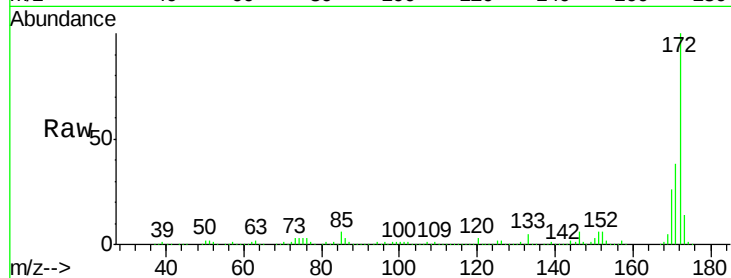




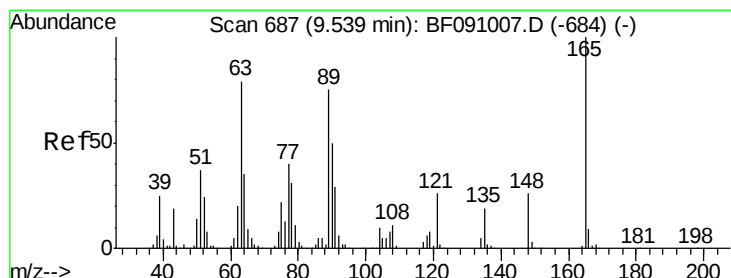
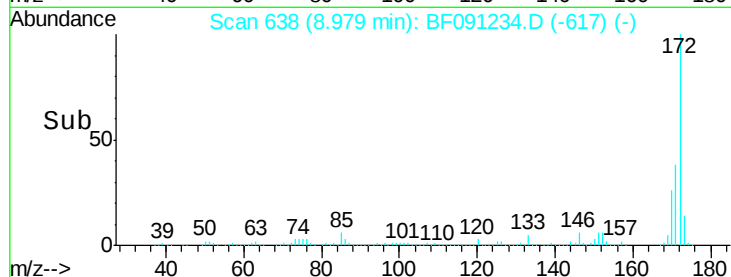
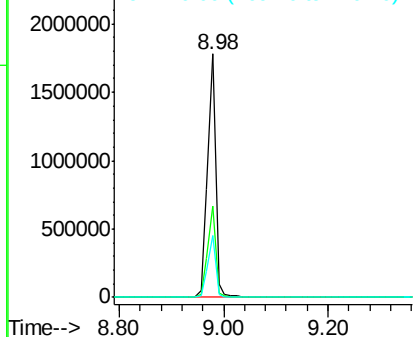
#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion:172 Resp: 1928093
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.7 20.3 30.5

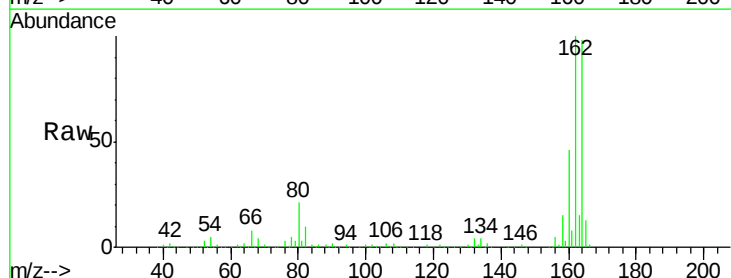


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

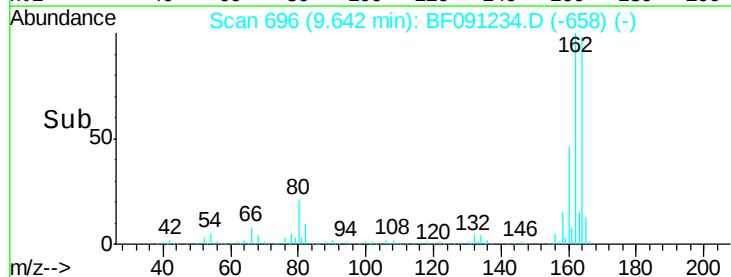
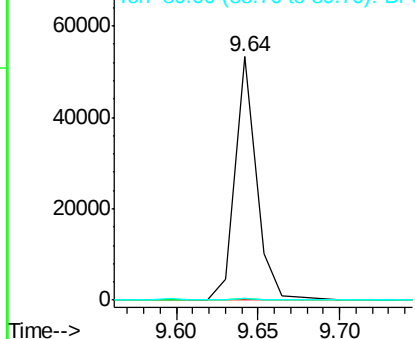


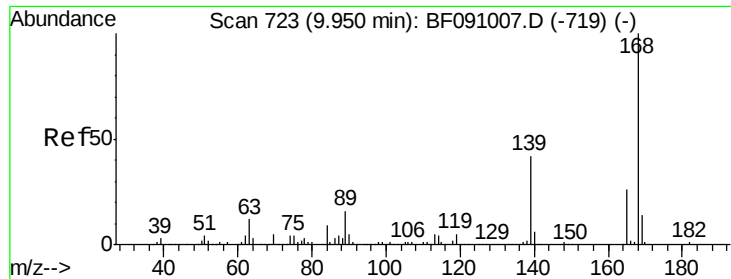
#50
 2,6-Dinitrotoluene
 Concen: 9.28 ng
 RT: 9.64 min Scan# 696
 Delta R.T. 0.14 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:165 Resp: 48065
 Ion Ratio Lower Upper
 165 100
 63 0.7 65.6 98.4#
 89 0.8 59.8 89.6#



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

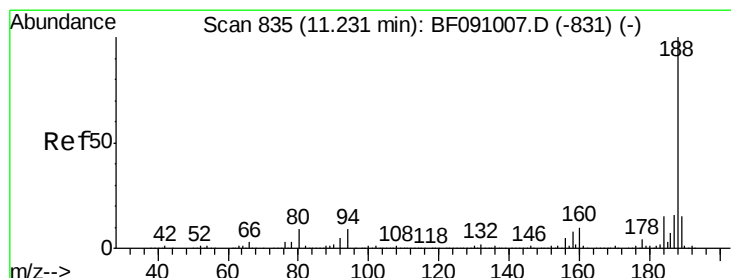
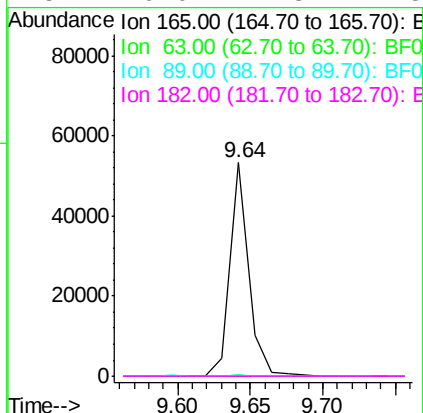
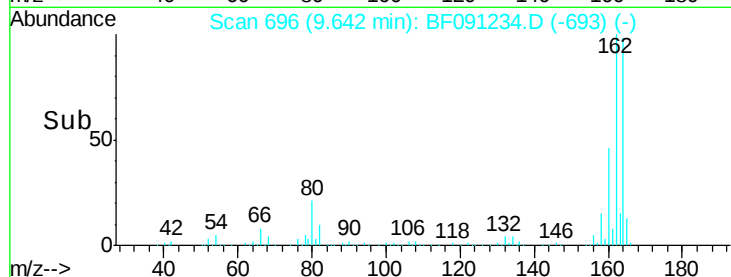
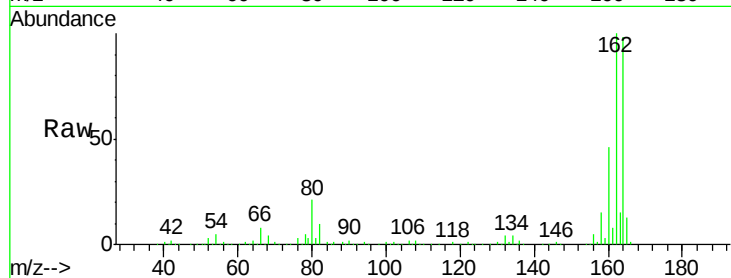




#56
 2,4-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.26 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

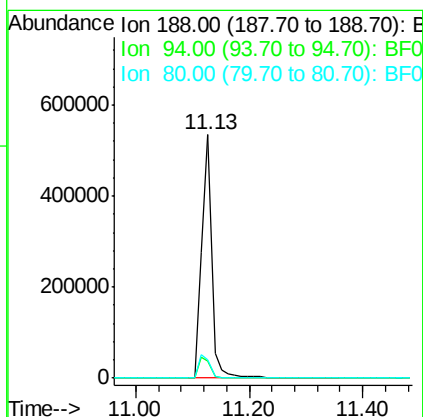
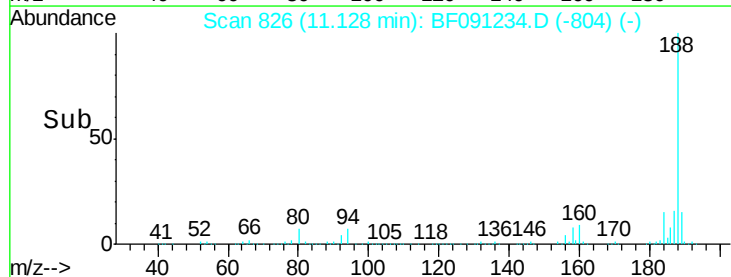
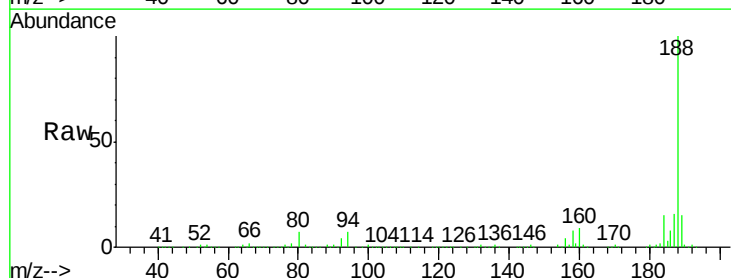
Instrument :
 BNA_F
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 WQ-7W

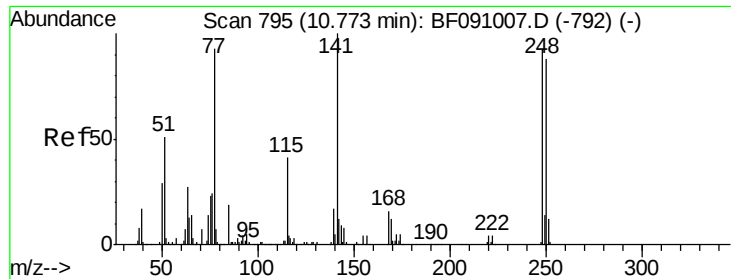
Tgt Ion:165 Resp: 48067
 Ion Ratio Lower Upper
 165 100
 63 0.7 38.7 58.1#
 89 0.8 50.6 76.0#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:188 Resp: 636812
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.0 10.4
 80 7.3 7.5 11.3#





#66

4-Bromophenyl-phenylether

Concen: 5.10 ng

RT: 10.44 min Scan# 766

Delta R.T. -0.29 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Instrument :

BNA_F

ClientSampleId :

WQ-7W

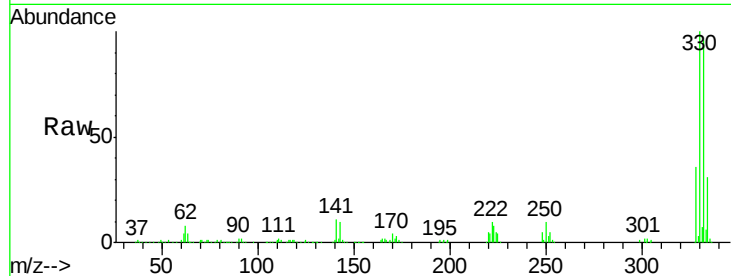
Tgt Ion:248 Resp: 33801

Ion Ratio Lower Upper

248 100

250 201.1 76.3 114.5#

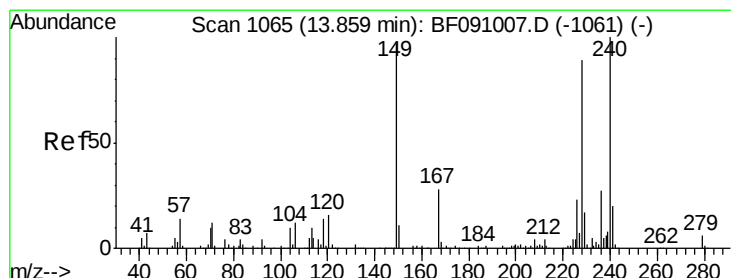
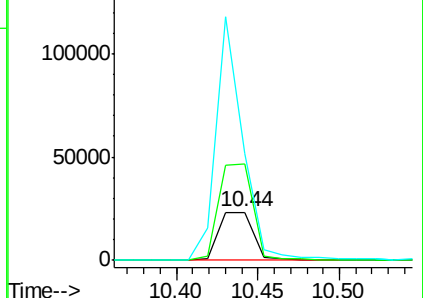
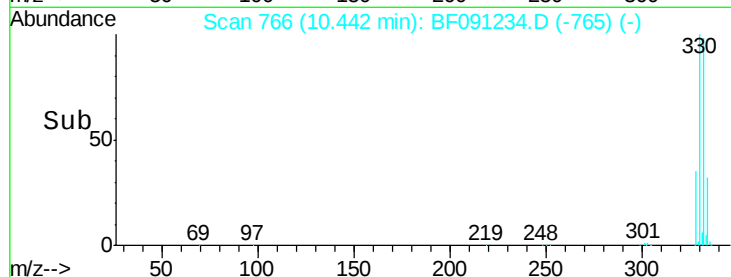
141 221.6 86.8 130.2#



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: 13.76 min Scan# 1056

Delta R.T. -0.06 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

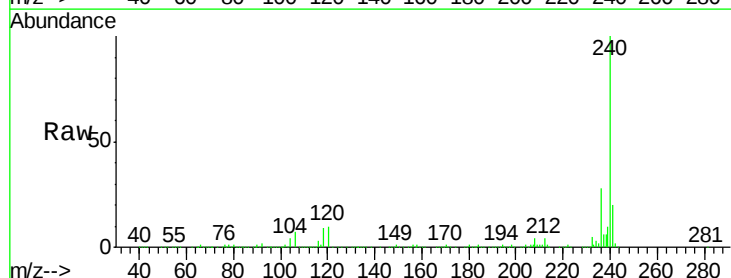
Tgt Ion:240 Resp: 602857

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

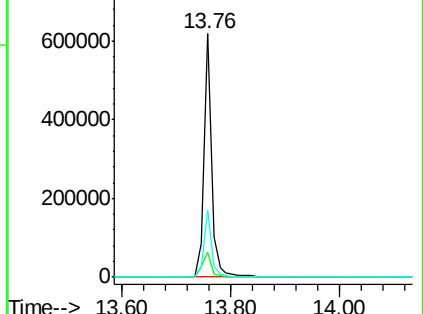
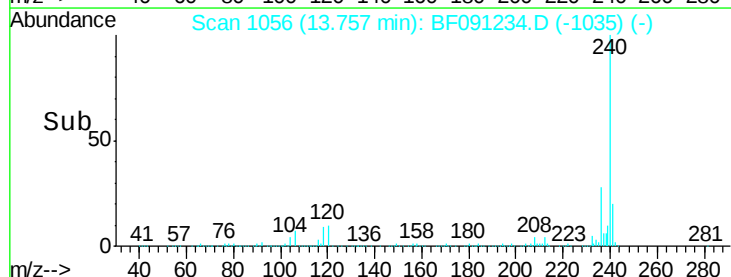
236 27.5 21.9 32.9

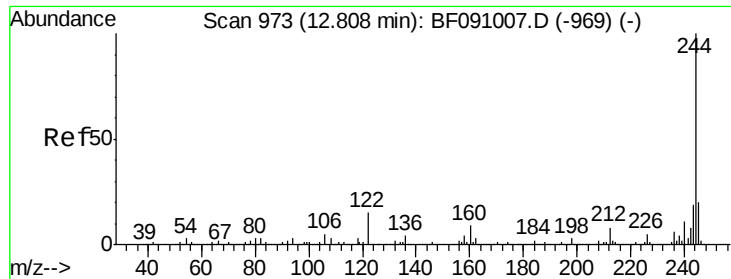


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

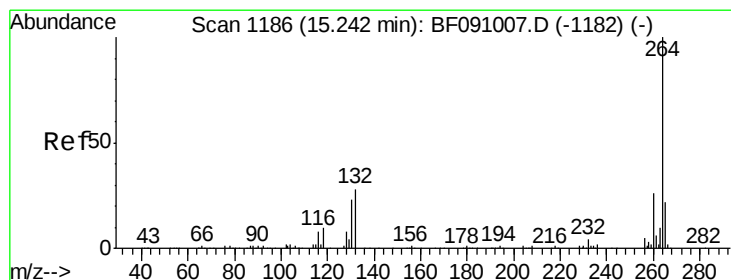
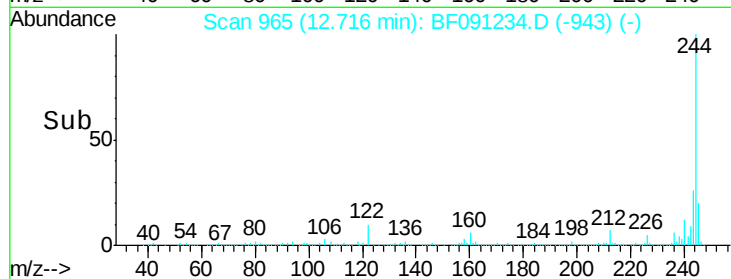
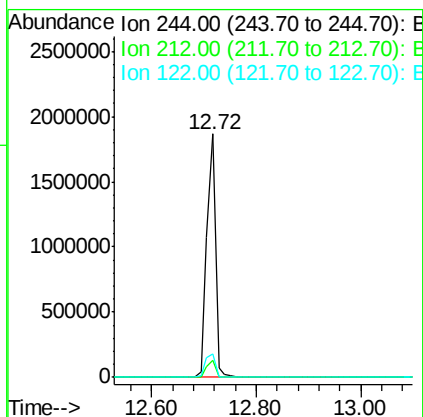
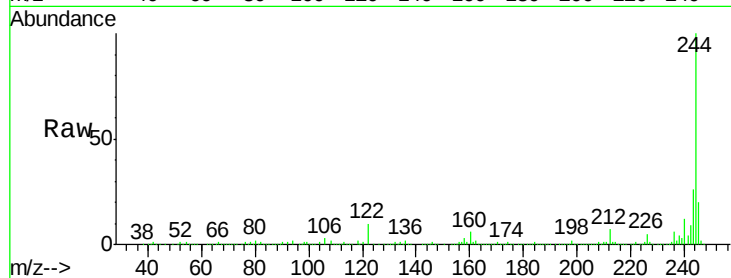




#78
 Terphenyl-d14
 Concen: 88.56 ng
 RT: 12.72 min Scan# 965
 Delta R.T. -0.05 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion:244 Resp: 2139520
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.8 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1175
 Delta R.T. -0.07 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:264 Resp: 489516
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 22.2 17.8 26.8

