

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091701.D
 Acq On : 17 Dec 2016 5:30
 Operator : UM/SJ
 Sample : H6090-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Dec 17 22:26:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

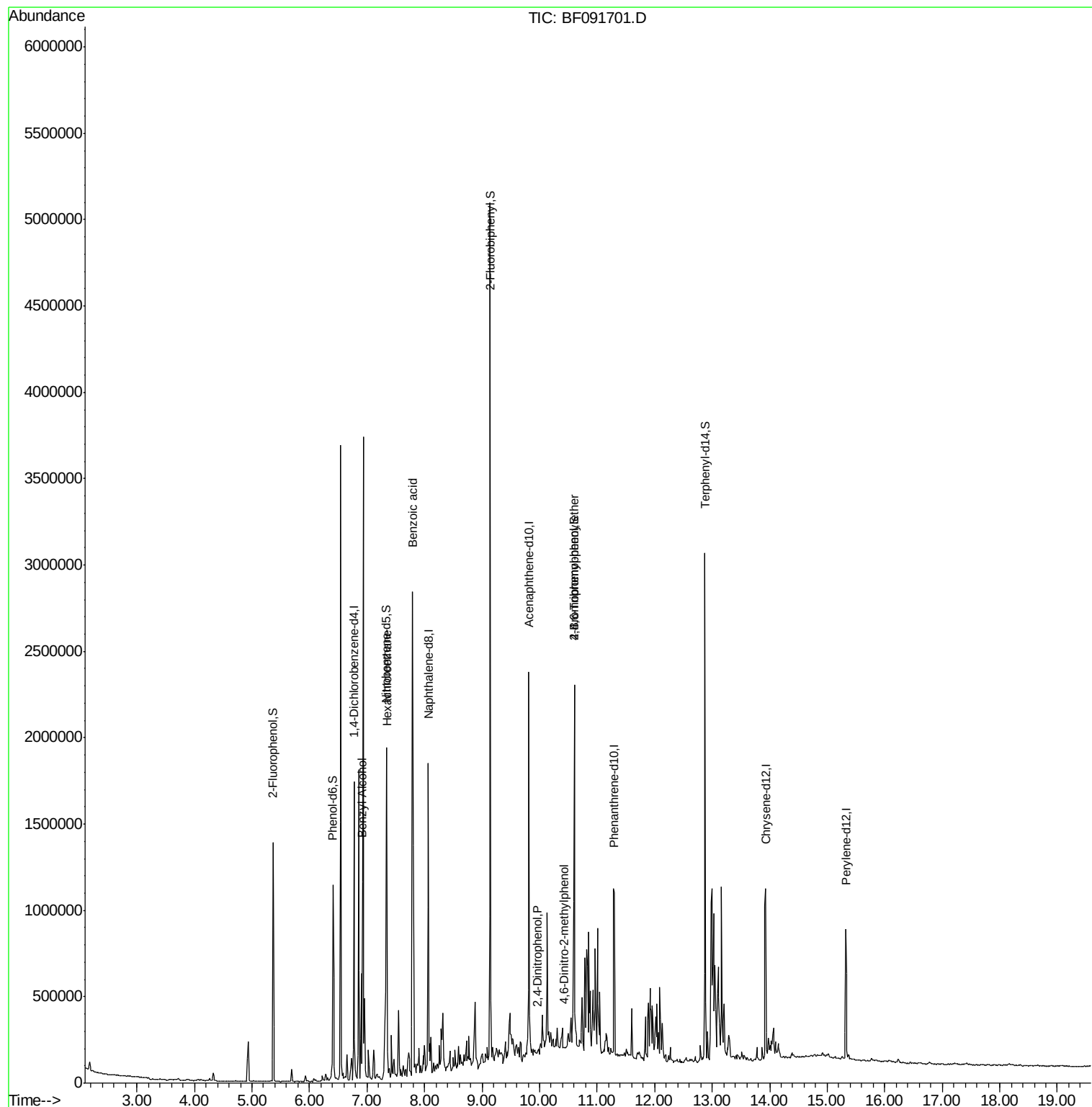
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	238732	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	928927	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418334	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	536959	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	494306	20.00	ng	-0.01
86) Perylene-d12	15.32	264	370737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	346046	24.42	ng	-0.01
7) Phenol-d6	6.41	99	426000	24.11	ng	-0.02
23) Nitrobenzene-d5	7.33	82	887448	53.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	251092	72.26	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1430380	59.08	ng	-0.01
78) Terphenyl-d14	12.88	244	869930	39.94	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.92	79	58789	4.21	ng	Qvalue 92
18) Hexachloroethane	7.34	117	119933	17.96	ng	# 1
20) 3+4-Methylphenols	7.21	107	1231	Below Cal	#	39
32) Benzoic acid	7.79	122	3006	5.17	ng	# 1
53) 2,4-Dinitrophenol	9.96	184	569	2.25	ng	# 60
57) Fluorene	10.36	166	5171	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	219	3.01	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	17395	3.16	ng	# 1

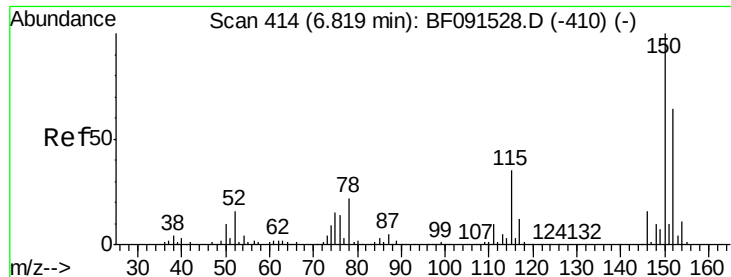
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

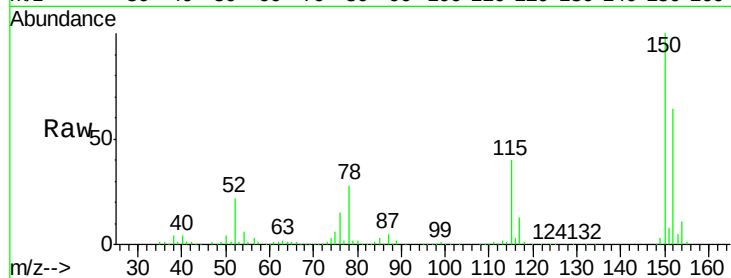
Tgt Ion:152 Resp: 238732

Ion Ratio Lower Upper

152 100

150 156.9 122.5 183.7

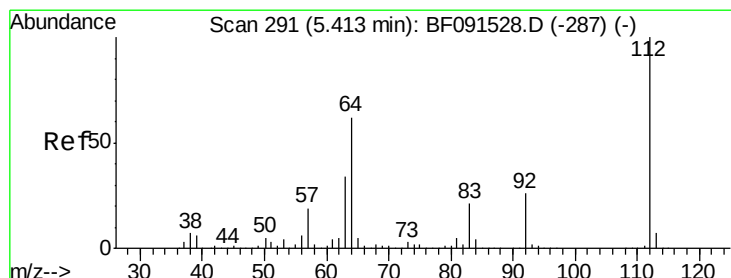
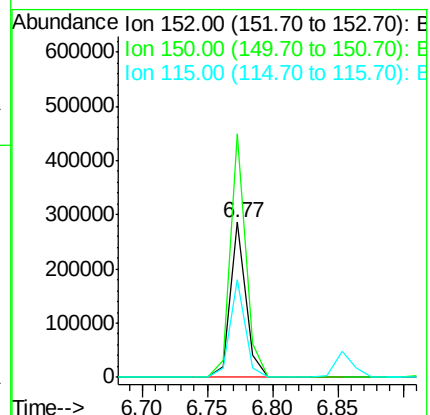
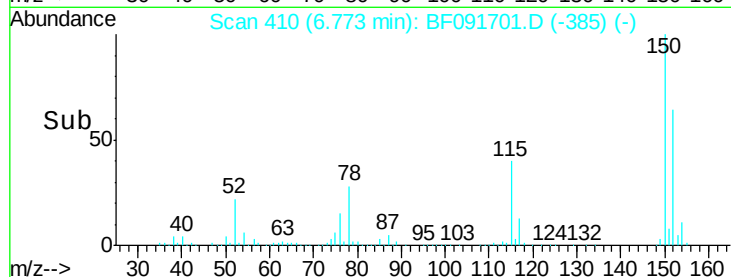
115 62.8 51.8 77.8



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: 24.42 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

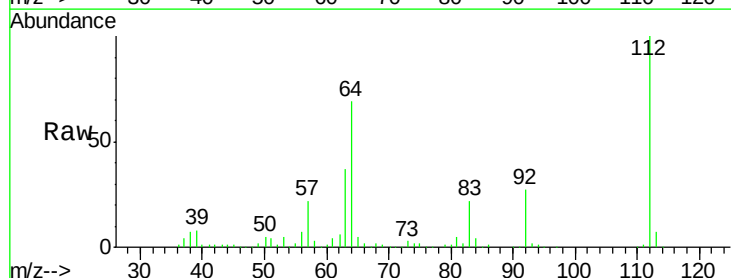
Tgt Ion:112 Resp: 346046

Ion Ratio Lower Upper

112 100

64 69.1 61.5 92.3

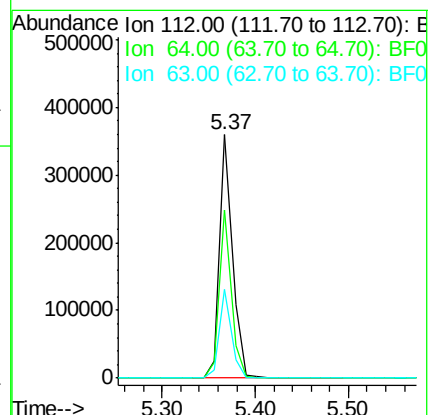
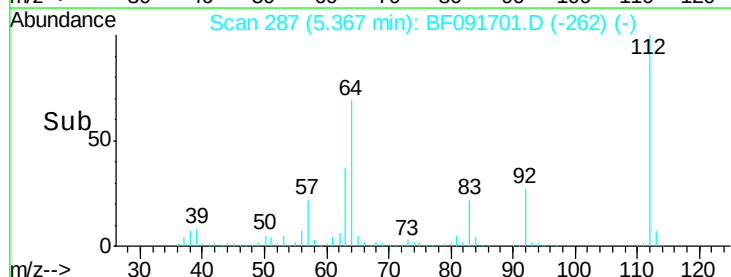
63 36.7 33.3 49.9

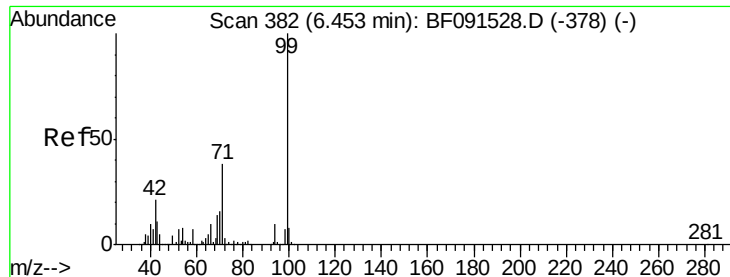


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.11 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

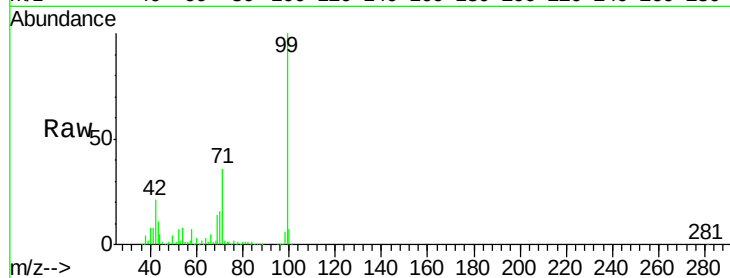
Tgt Ion: 99 Resp: 426000

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

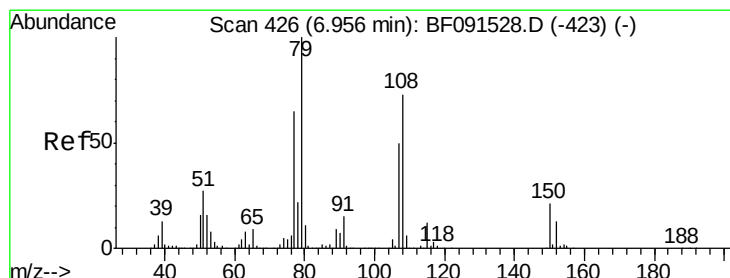
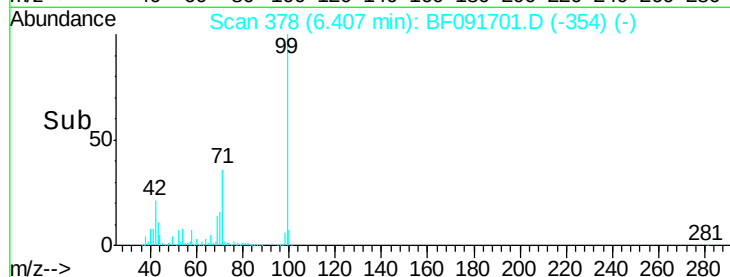
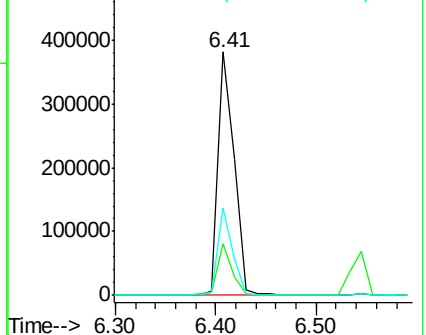
71 35.9 29.9 44.9



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



#15

Benzyl Alcohol

Concen: 4.21 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

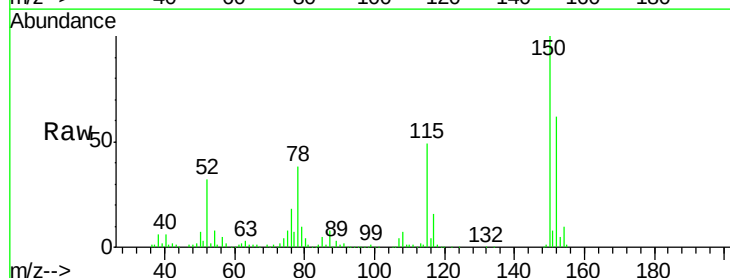
Tgt Ion: 79 Resp: 58789

Ion Ratio Lower Upper

79 100

108 71.9 62.7 94.1

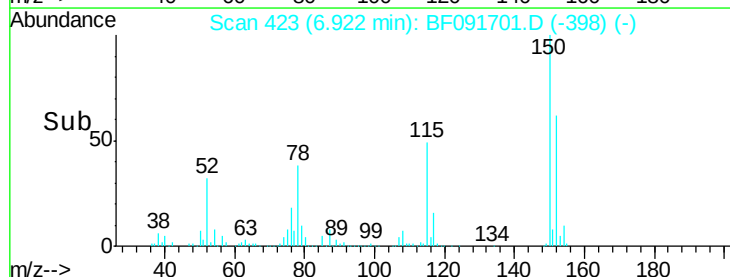
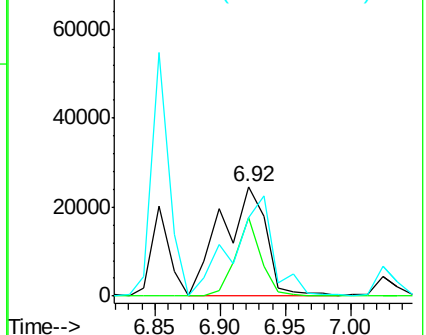
77 72.0 51.7 77.5

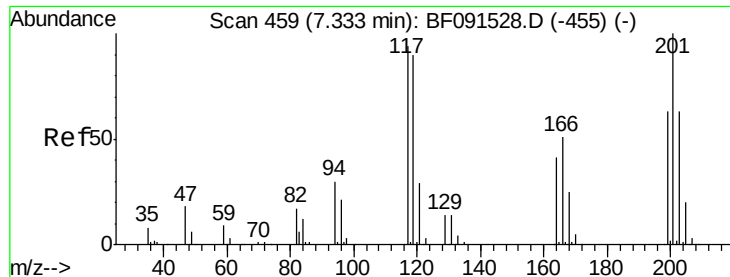


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

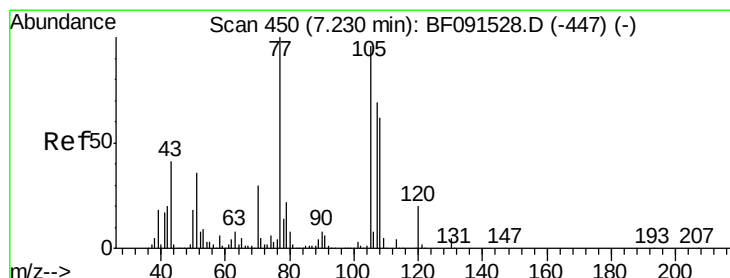
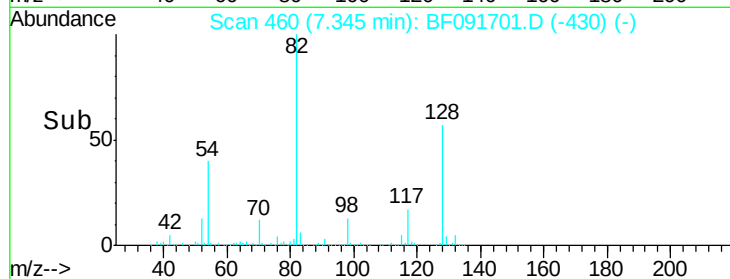
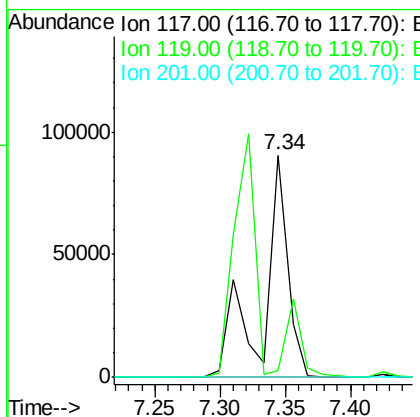
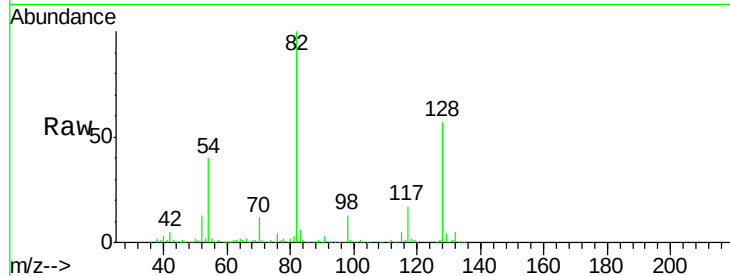




#18
Hexachloroethane
Concen: 17.96 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.05 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

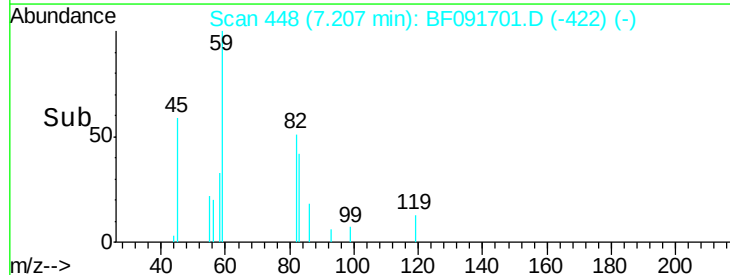
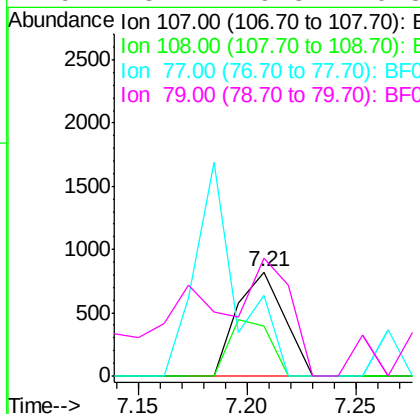
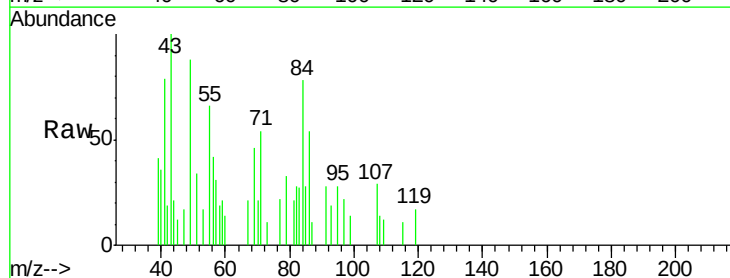
Instrument :
BNA_F
ClientSampleId :
MW-20

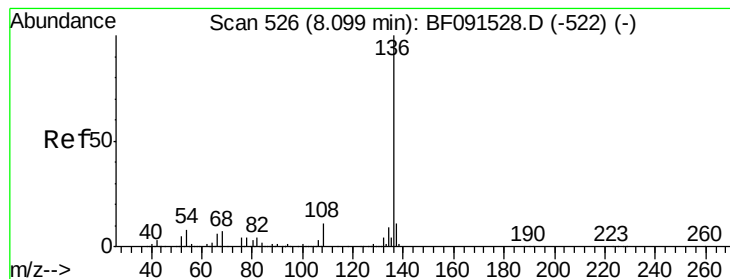
Tgt Ion:117 Resp: 119933
Ion Ratio Lower Upper
117 100
119 3.2 78.6 118.0#
201 0.0 86.7 130.1#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:107 Resp: 1231
Ion Ratio Lower Upper
107 100
108 47.9 64.6 104.6#
77 77.9 30.9 70.9#
79 113.7 9.3 49.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 136 Resp: 928927

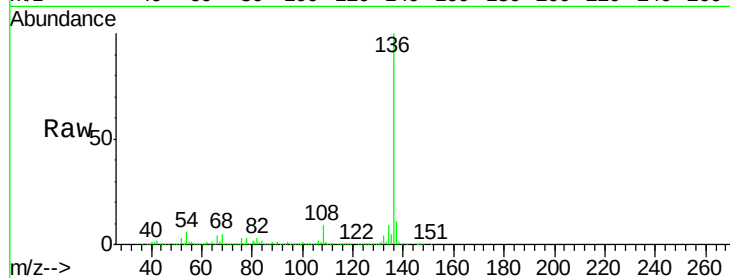
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 9.1 13.7#

68 5.0 5.9 8.9#

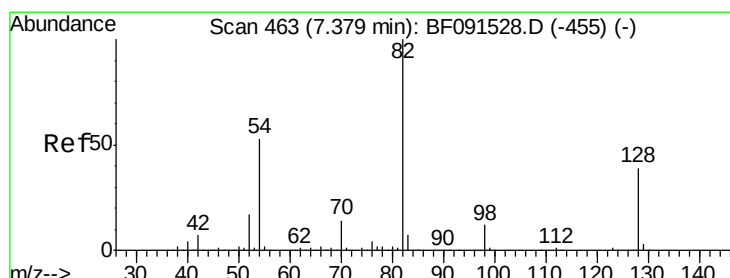
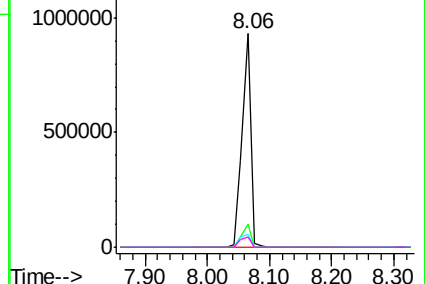
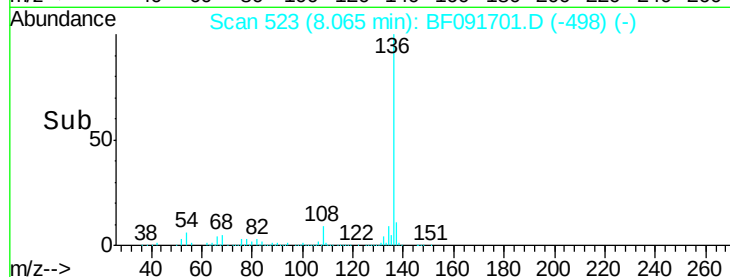


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.32 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

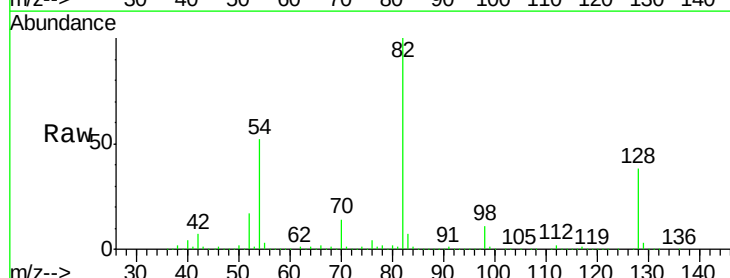
Tgt Ion: 82 Resp: 887448

Ion Ratio Lower Upper

82 100

128 38.4 31.8 47.6

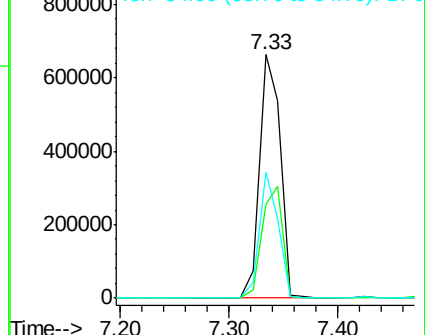
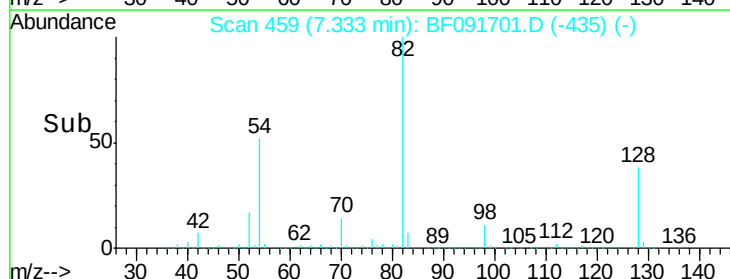
54 51.8 49.1 73.7

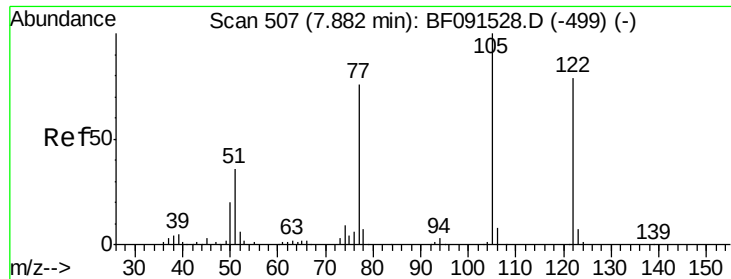


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

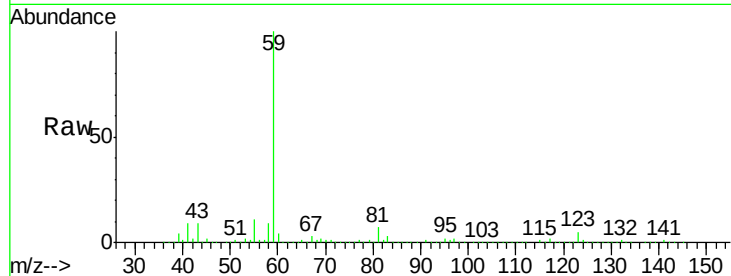




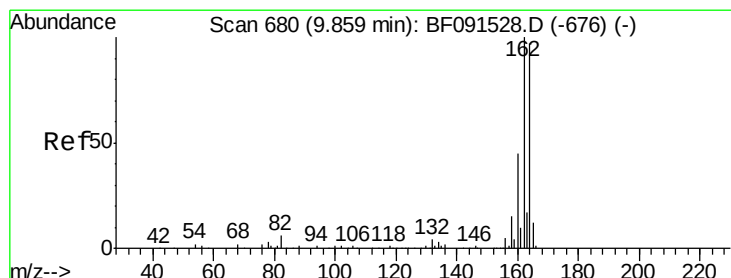
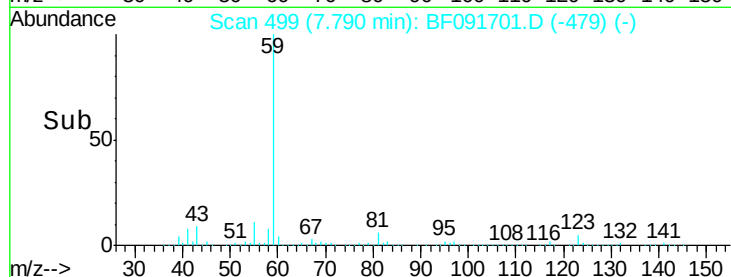
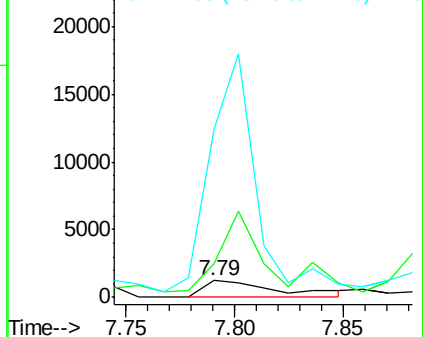
#32
Benzoic acid
Concen: 5.17 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.07 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:122 Resp: 3006
Ion Ratio Lower Upper
122 100
105 203.6 113.0 153.0#
77 997.8 82.0 122.0#

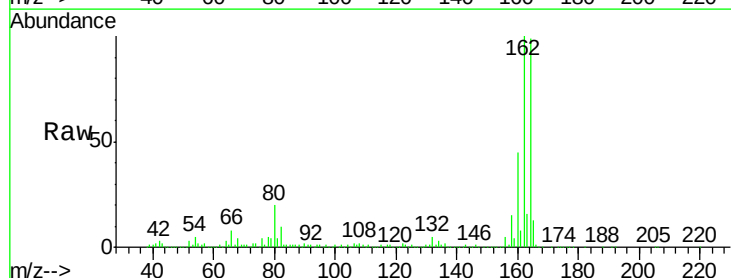


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

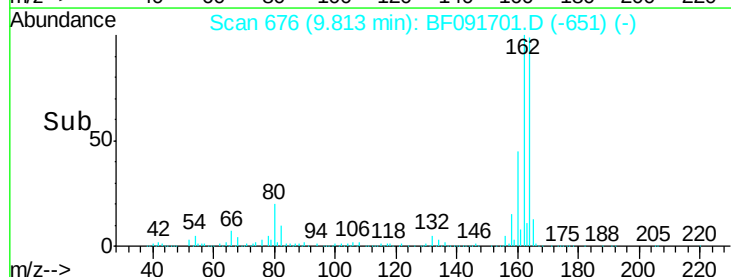
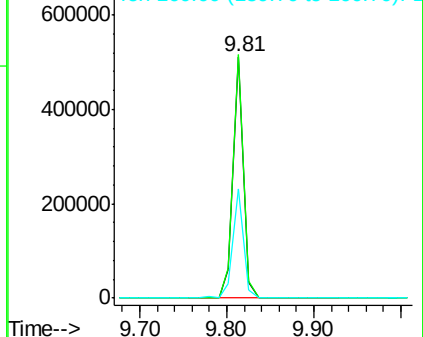


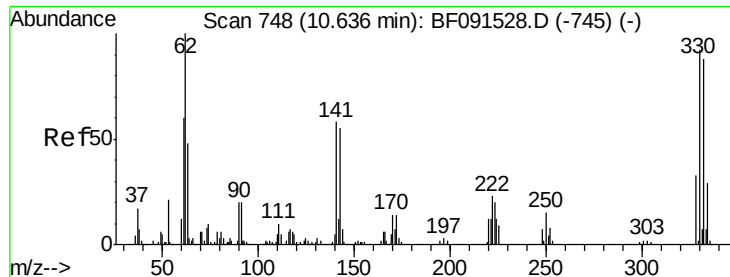
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:164 Resp: 418334
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.6 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

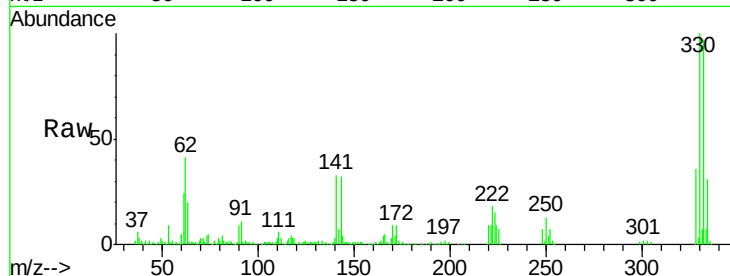




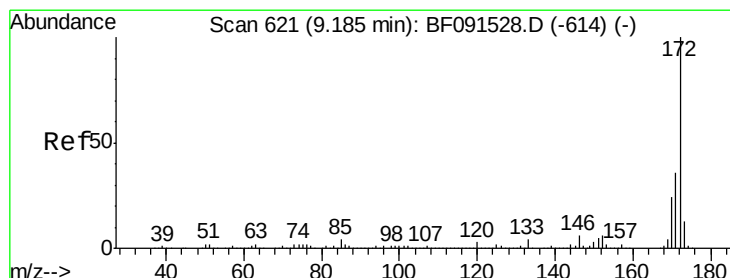
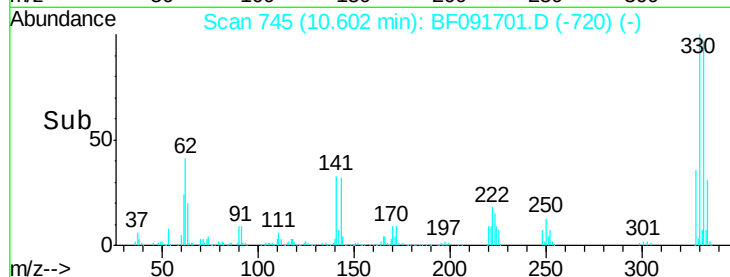
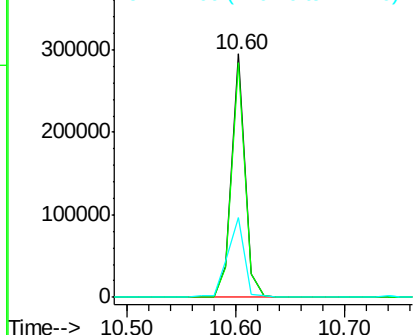
#41
 2,4,6-Tribromophenol
 Concen: 72.26 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion: 330 Resp: 251092
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 39.3 33.6 50.4

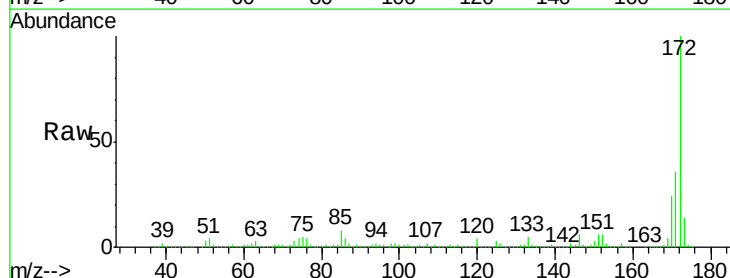


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

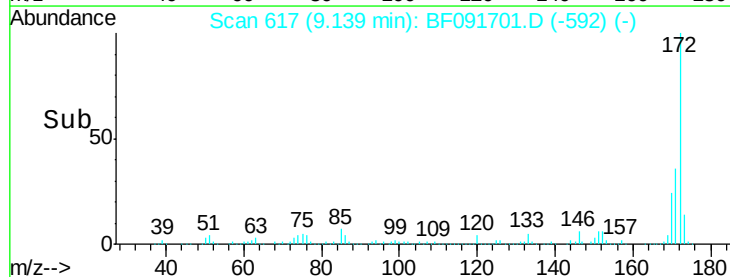
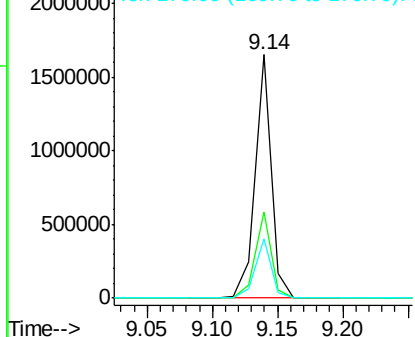


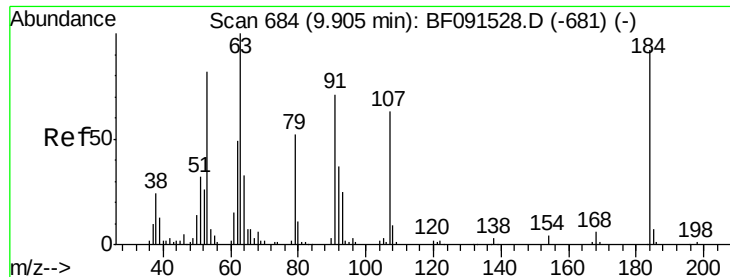
#44
 2-Fluorobiphenyl
 Concen: 59.08 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Tgt Ion: 172 Resp: 1430380
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

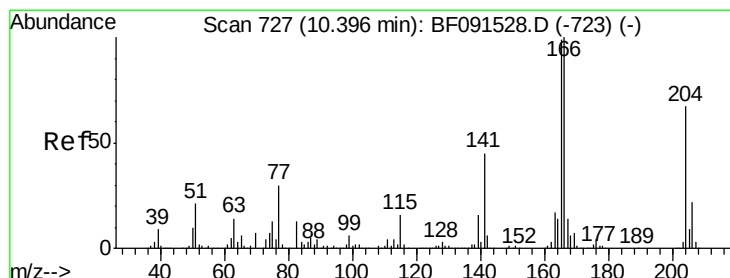
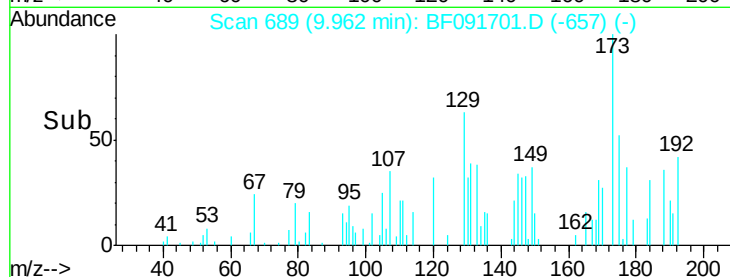
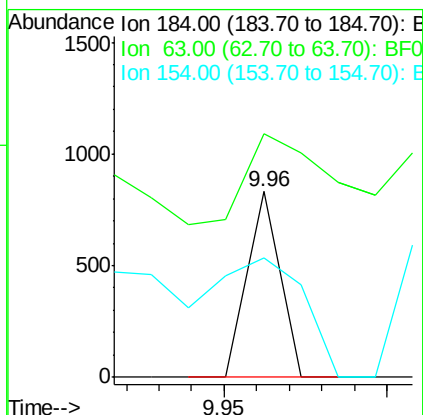
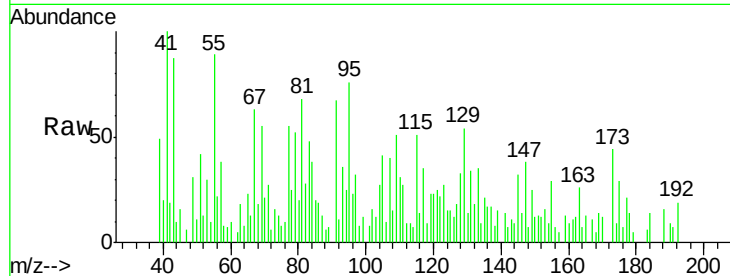




#53
 2,4-Dinitrophenol
 Concen: 2.25 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.07 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

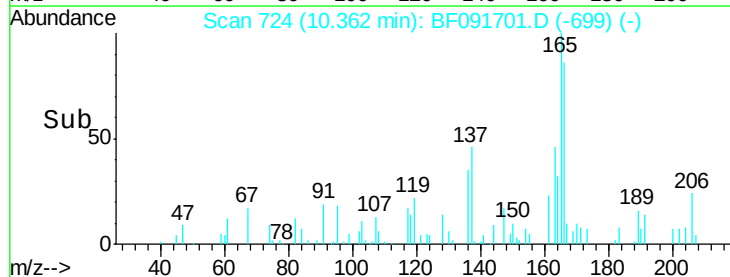
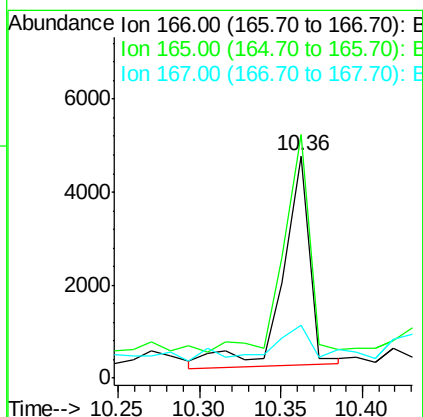
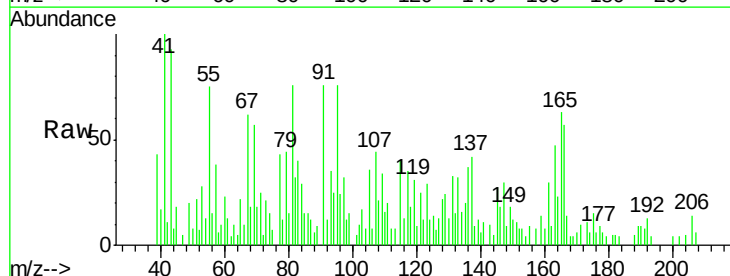
Instrument :
 BNA_F
 ClientSampled :
 MW-20

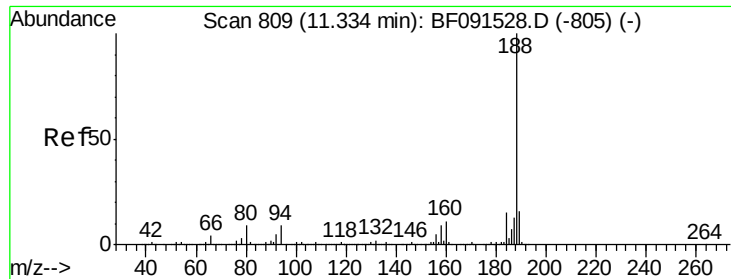
Tgt Ion:184 Resp: 569
 Ion Ratio Lower Upper
 184 100
 63 131.3 58.3 87.5#
 154 64.1 48.6 73.0



#57
 Fluorene
 Concen: Below Cal
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF091701.D
 Acq: 17 Dec 2016 5:30

Tgt Ion:166 Resp: 5171
 Ion Ratio Lower Upper
 166 100
 165 109.6 80.0 120.0
 167 23.8 10.8 16.2#

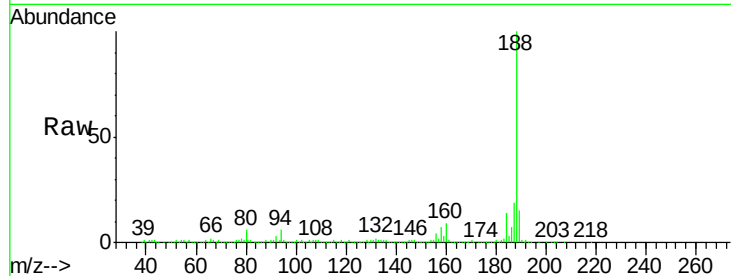




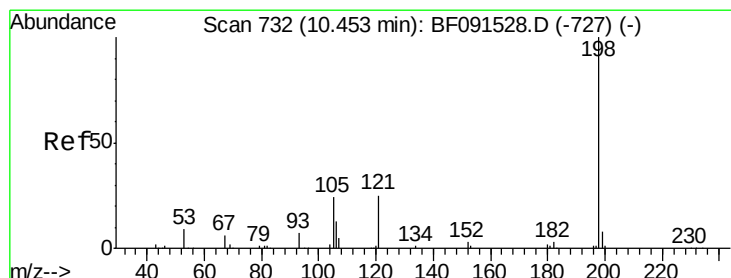
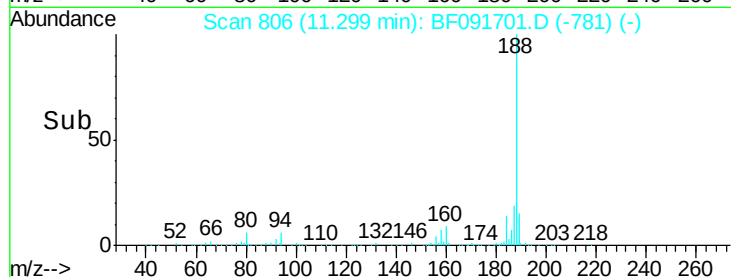
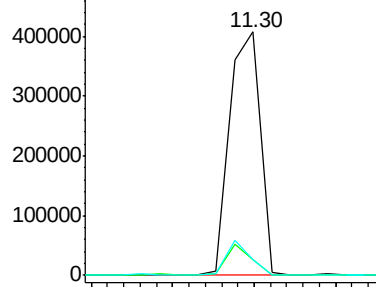
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampled :
MW-20

Tgt Ion:188 Resp: 536959
Ion Ratio Lower Upper
188 100
94 6.3 9.2 13.8#
80 6.3 10.5 15.7#

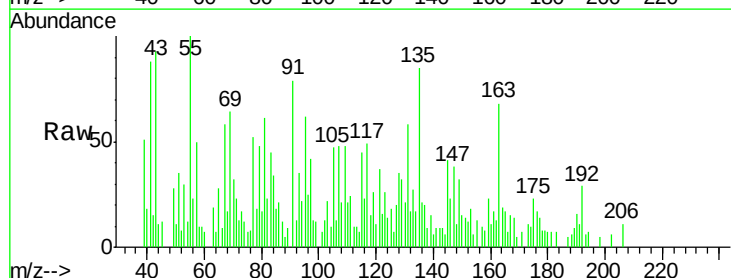


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

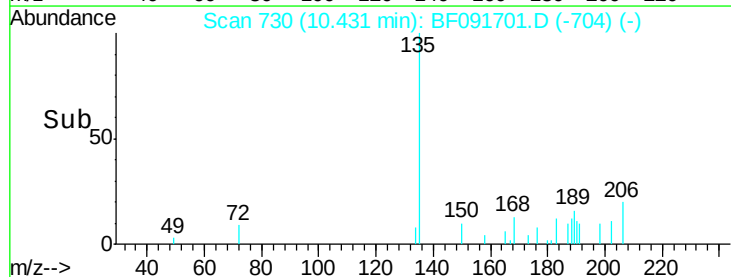
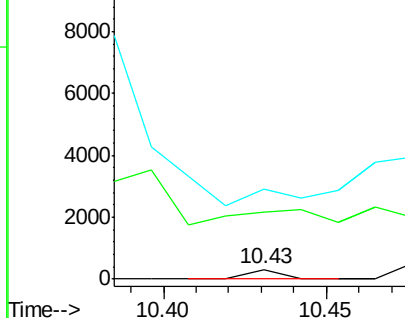


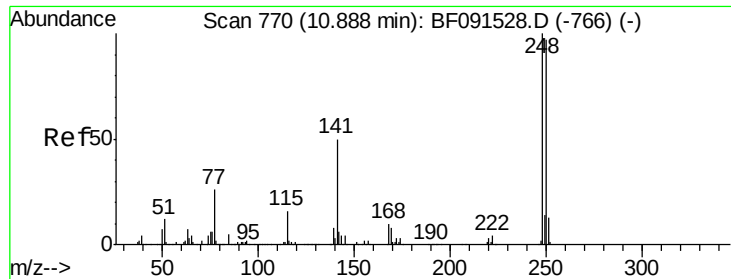
#64
4,6-Dinitro-2-methylphenol
Concen: 3.01 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
51 678.1 77.1 117.1#
105 907.8 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

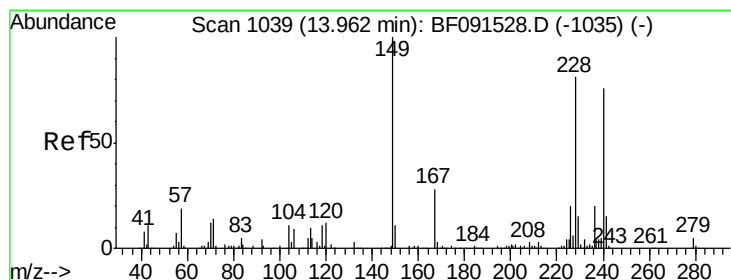
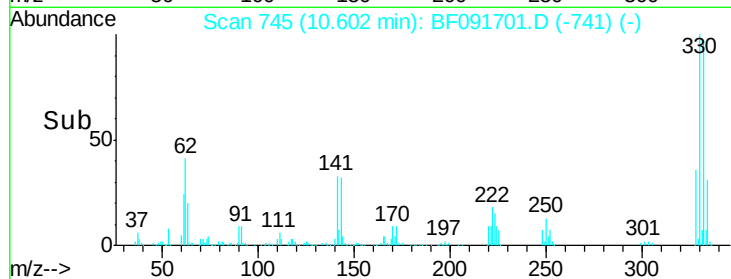
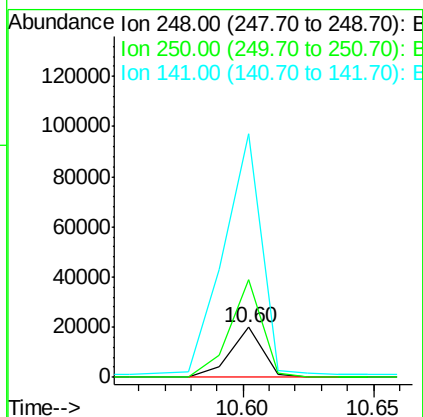
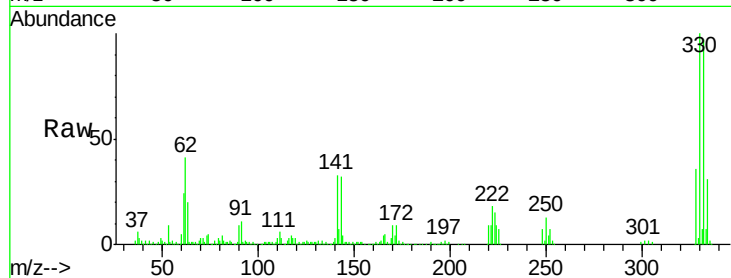




#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

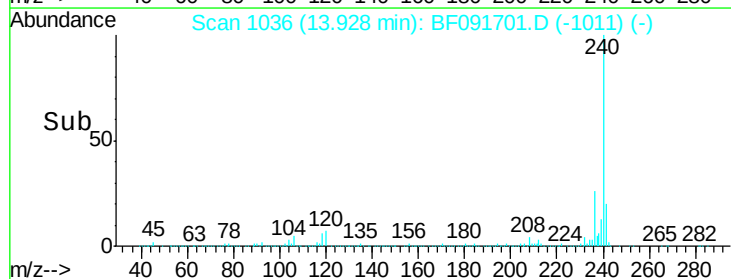
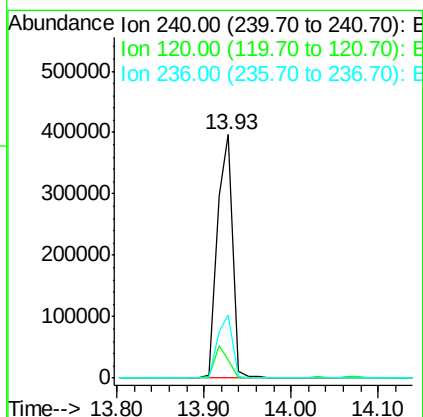
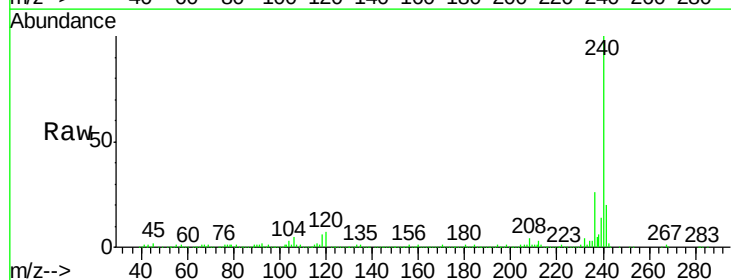
Instrument :
BNA_F
ClientSampleId :
MW-20

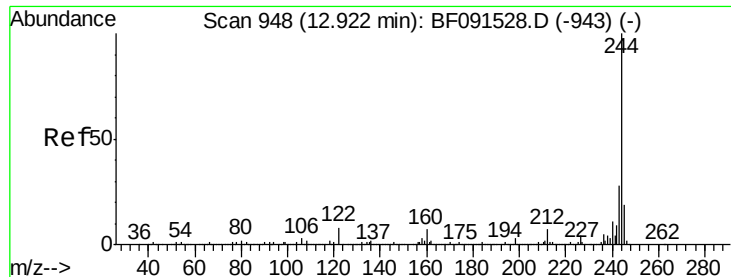
Tgt Ion:248 Resp: 17395
Ion Ratio Lower Upper
248 100
250 195.4 78.2 117.4#
141 487.0 71.9 107.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:240 Resp: 494306
Ion Ratio Lower Upper
240 100
120 7.3 12.1 18.1#
236 26.1 21.0 31.6





#78

Terphenyl-d14

Concen: 39.94 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

Instrument :

BNA_F

ClientSampleId :

MW-20

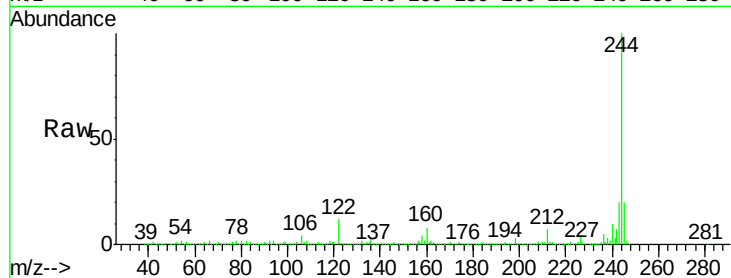
Tgt Ion:244 Resp: 869930

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

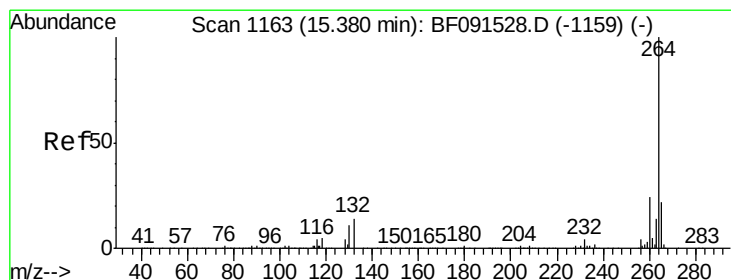
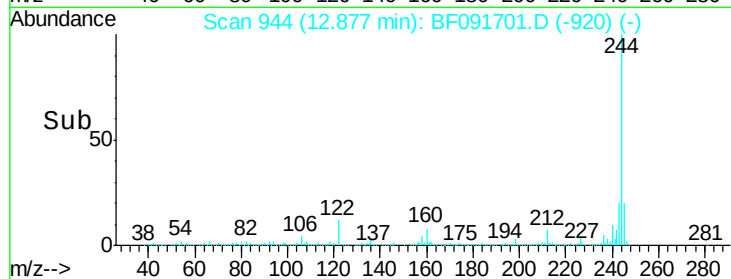
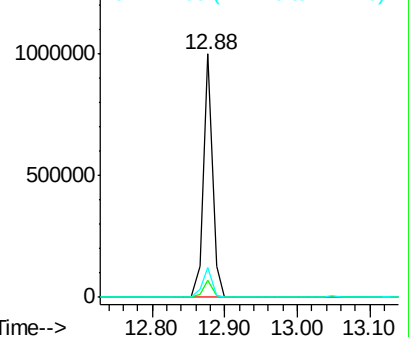
122 12.1 9.5 14.3



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: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091701.D

Acq: 17 Dec 2016 5:30

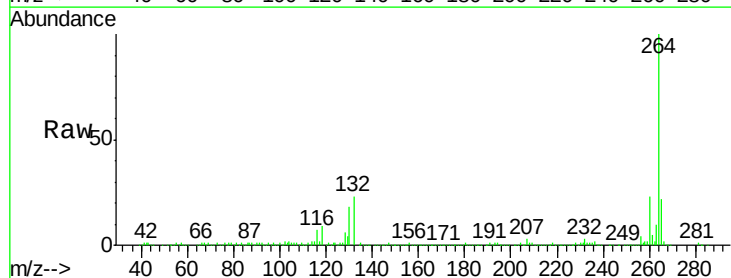
Tgt Ion:264 Resp: 370737

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 22.0 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

