

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091139.D
 Acq On : 11 Nov 2016 14:49
 Operator : UM/SJ
 Sample : PB94464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 18:18:37 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

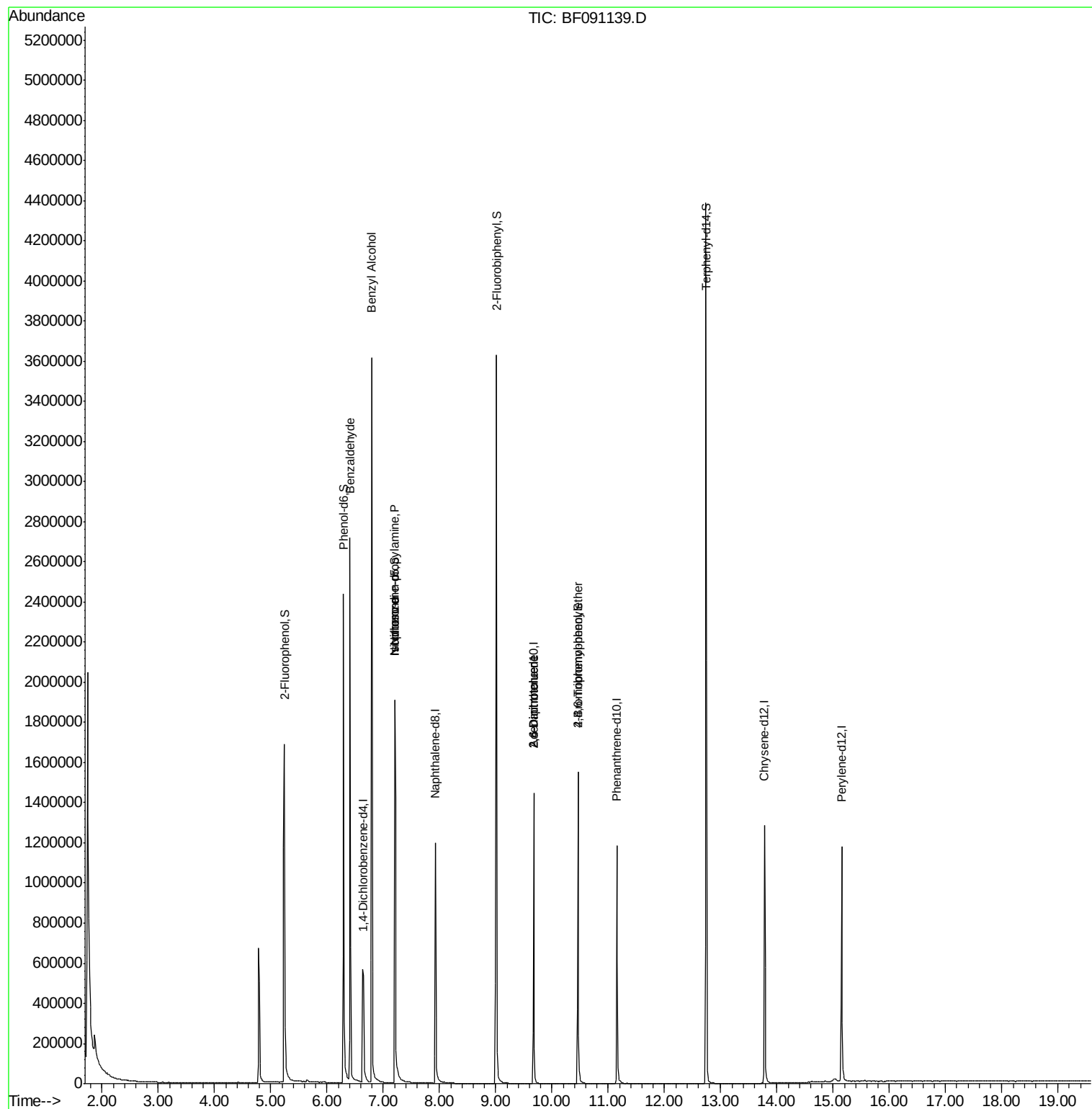
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	147610	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	643331	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	320913	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	555430	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	533003	20.00	ng	-0.03
86) Perylene-d12	15.15	264	481021	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	718061	80.34	ng	0.00
7) Phenol-d6	6.29	99	988570	81.49	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1007474	85.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	218081	75.17	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1749180	93.84	ng	-0.02
78) Terphenyl-d14	12.74	244	1763941	82.59	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	17439	2.59	ng	82
15) Benzyl Alcohol	6.80	79	17345	2.03	ng	# 54
19) n-Nitroso-di-n-propylamine	7.21	70	133211	15.85	ng	# 79
25) Isophorone	7.21	82	965749	42.50	ng	# 67
50) 2,6-Dinitrotoluene	9.68	165	40635	9.01	ng	# 11
56) 2,4-Dinitrotoluene	9.68	165	40846	7.12	ng	# 25
66) 4-Bromophenyl-phenylether	10.46	248	13900	2.41	ng	# 1

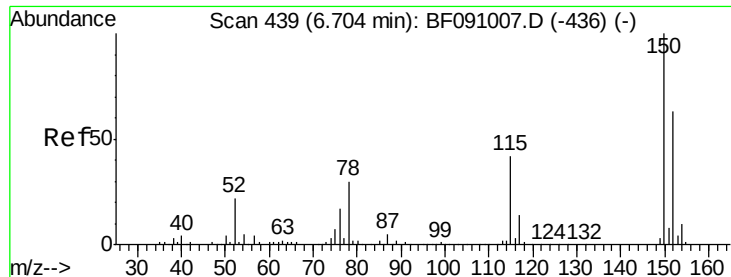
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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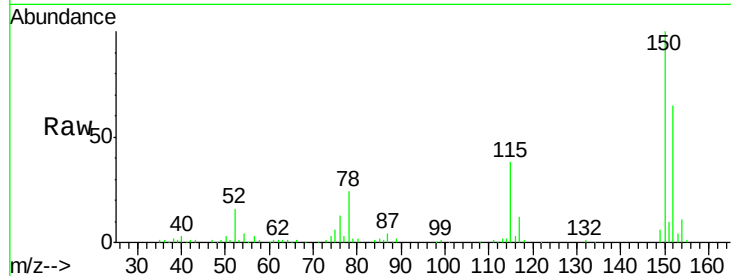


#1

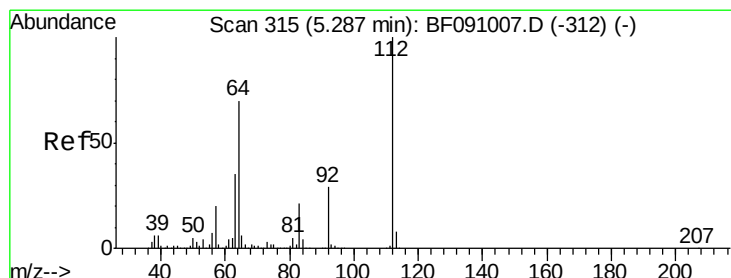
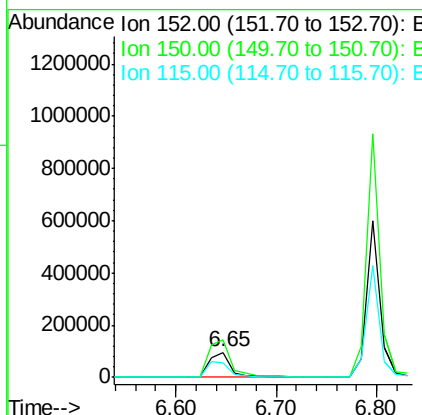
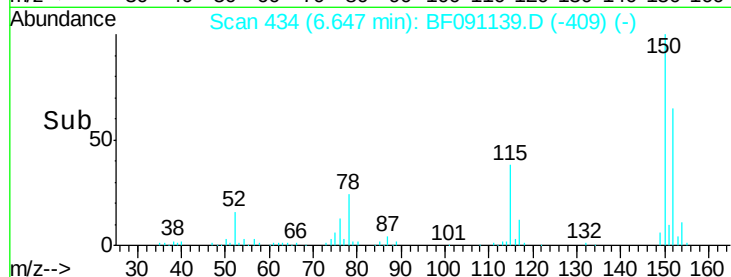
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091139.D
Acq: 11 Nov 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147610
Ion Ratio Lower Upper
152 100
150 153.6 126.8 190.2
115 58.0 53.3 79.9



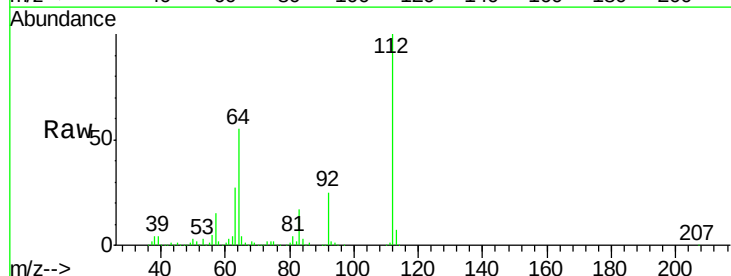
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



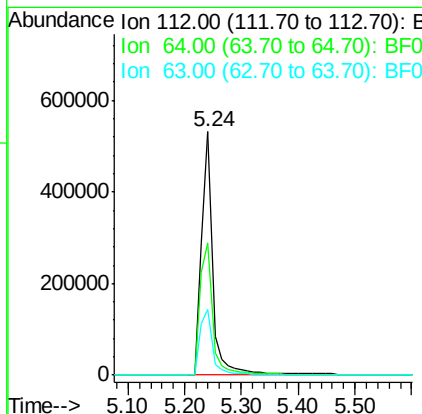
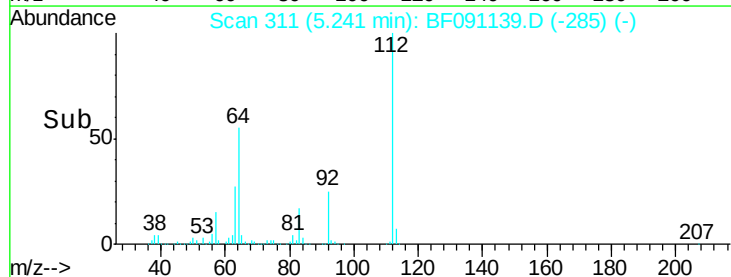
#5

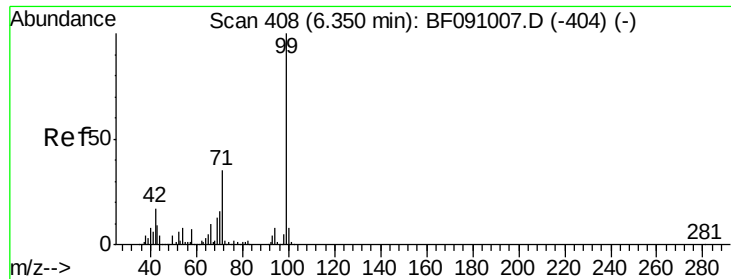
2-Fluorophenol
Concen: 80.34 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF091139.D
Acq: 11 Nov 2016 14:49

Tgt Ion:112 Resp: 718061
Ion Ratio Lower Upper
112 100
64 54.5 55.8 83.6#
63 27.2 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: 81.49 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :

BNA_F

ClientSampleId :

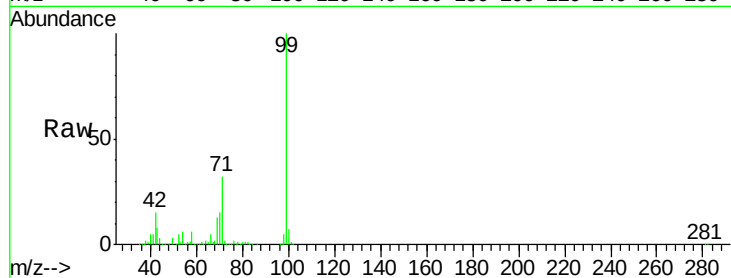
Tot Ion: 99 Resp: 988570

Ion Ratio Lower Upper

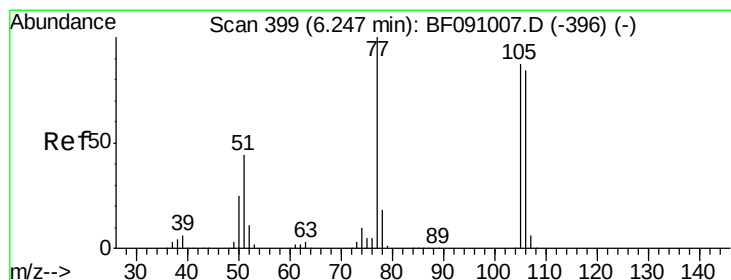
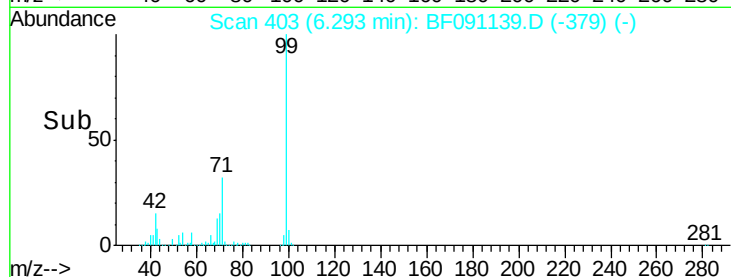
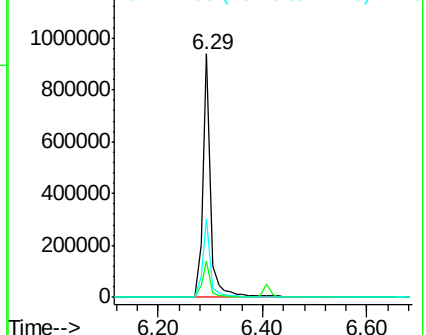
99 100

42 15.0 13.9 20.9

71 32.4 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: 2.59 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

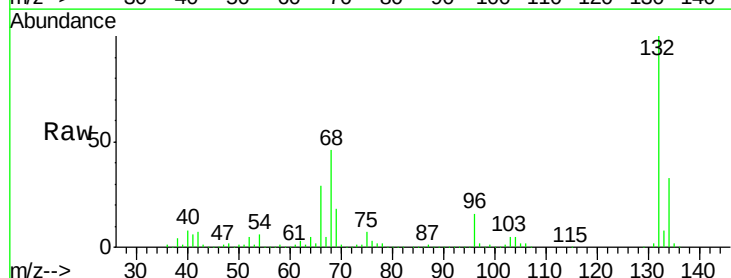
Tgt Ion: 77 Resp: 17439

Ion Ratio Lower Upper

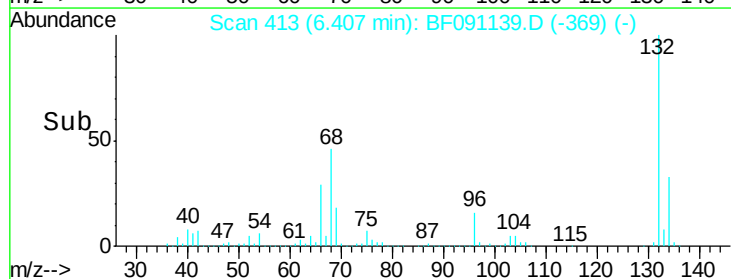
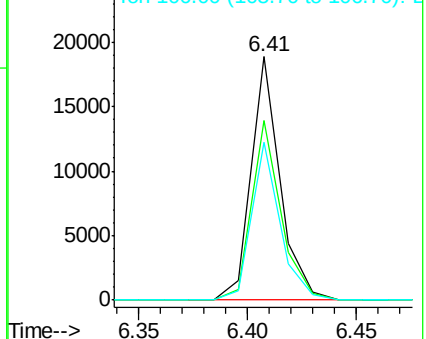
77 100

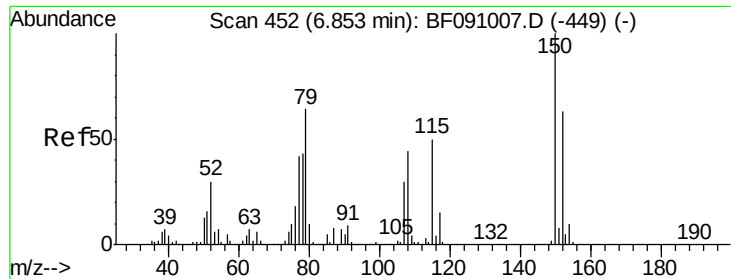
105 73.7 66.8 106.8

106 64.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :

BNA_F

ClientSampled :

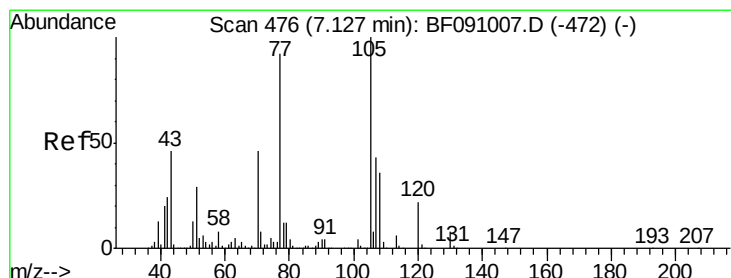
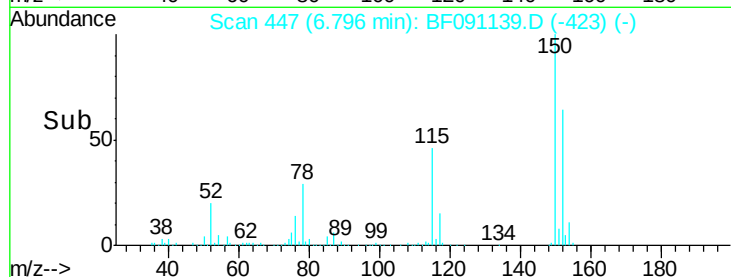
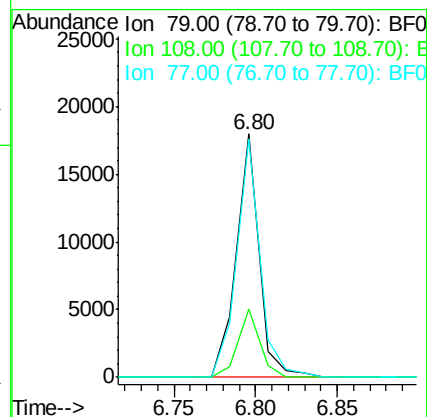
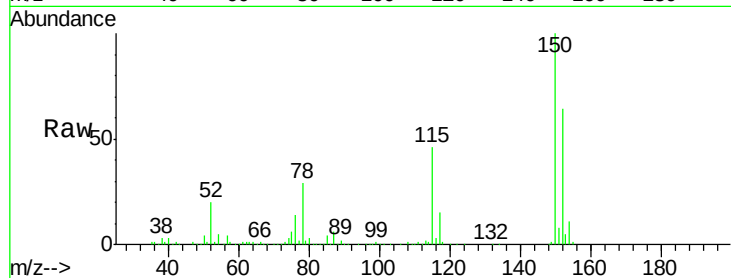
Tot Ion: 79 Resp: 17345

Ion Ratio Lower Upper

79 100

108 28.0 55.7 83.5#

77 97.9 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.85 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Tgt Ion: 70 Resp: 133211

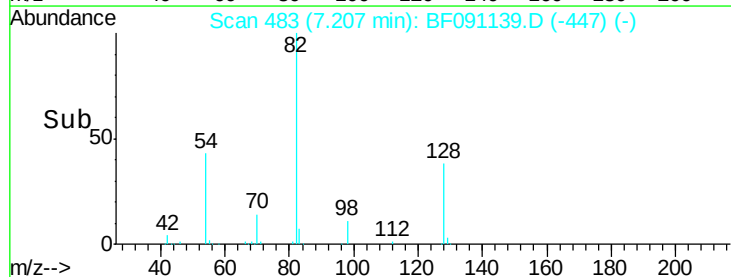
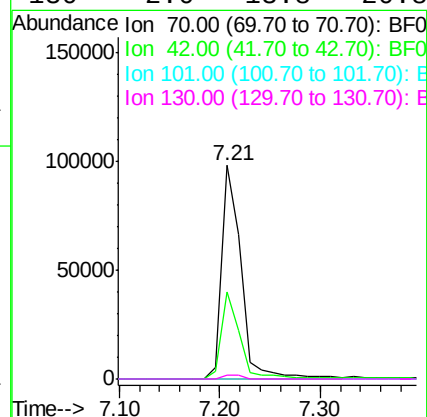
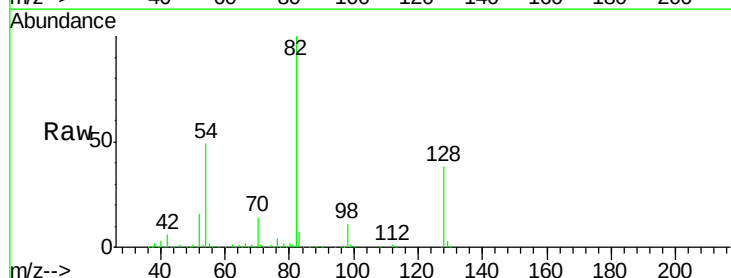
Ion Ratio Lower Upper

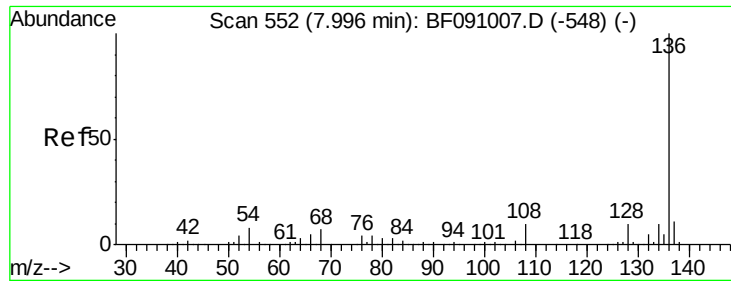
70 100

42 40.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#

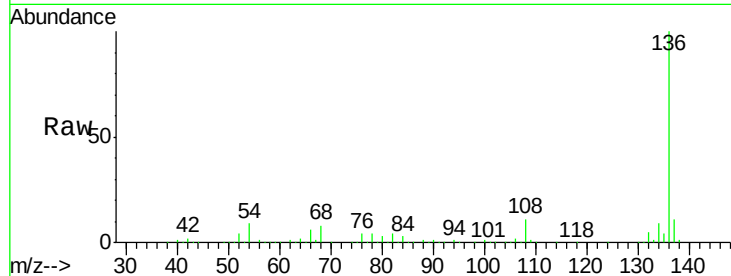




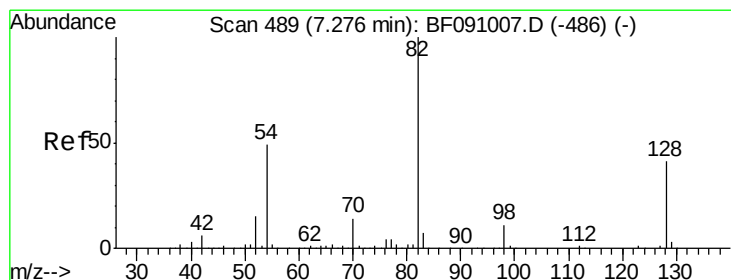
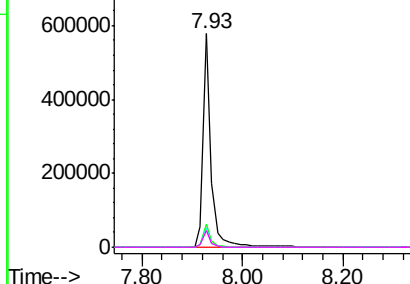
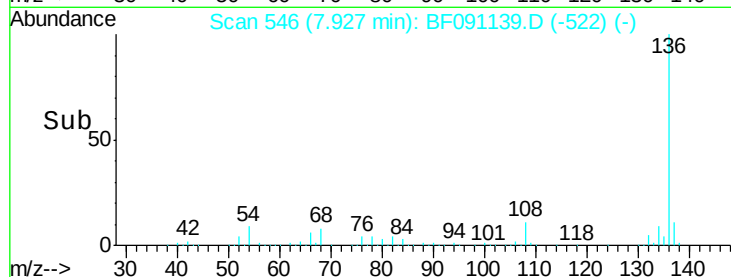
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091139.D
Acq: 11 Nov 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	643331	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.9	6.2	9.2	
68 7.6	5.5	8.3	

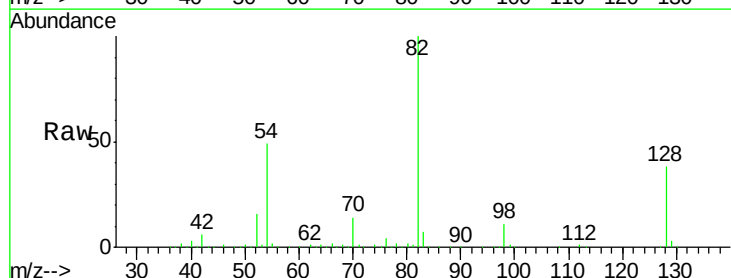


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

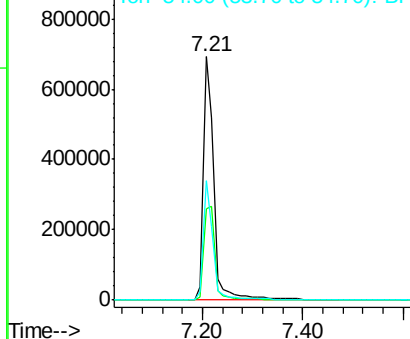
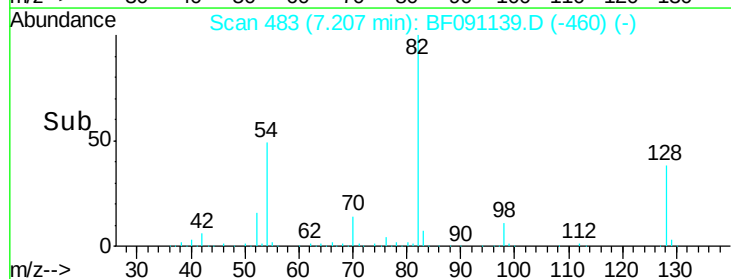


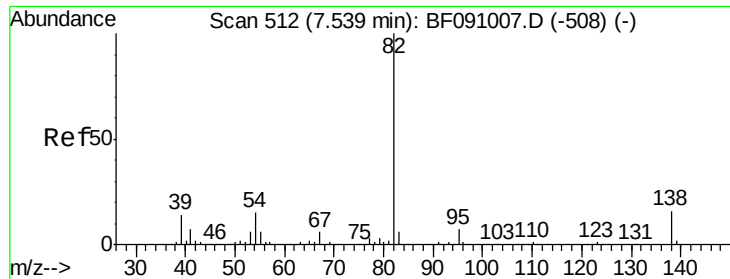
#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091139.D
Acq: 11 Nov 2016 14:49

Tgt Ion: 82	Resp: 1007474
Ion Ratio	Lower Upper
82 100	
128 37.7	32.4 48.6
54 49.0	39.2 58.8



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





#25

Isophorone

Concen: 42.50 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :

BNA_F

ClientSampled :

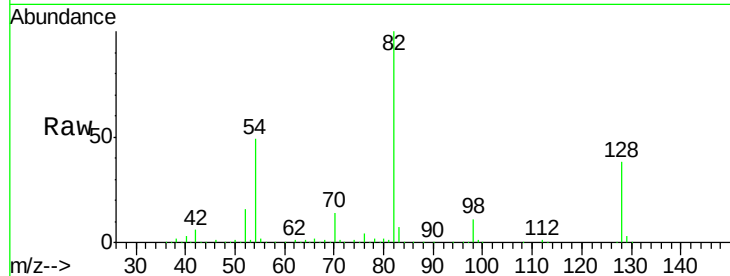
Tot Ion: 82 Resp: 965749

Ion Ratio Lower Upper

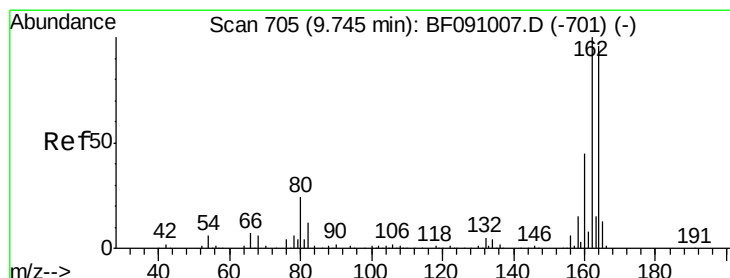
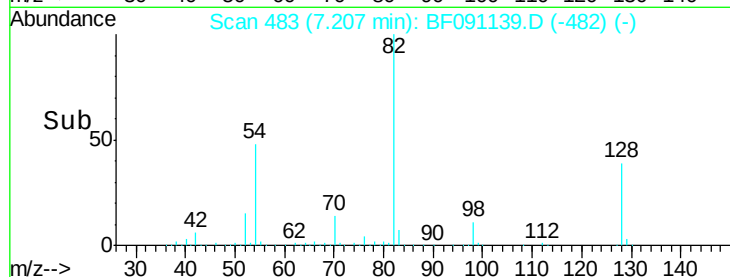
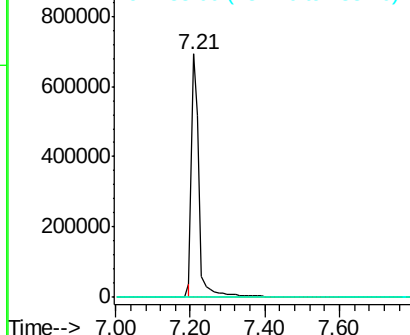
82 100

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: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

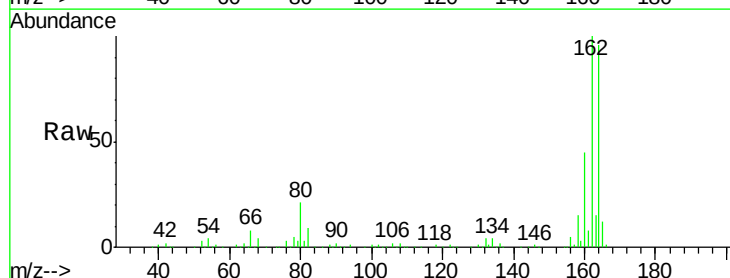
Tgt Ion:164 Resp: 320913

Ion Ratio Lower Upper

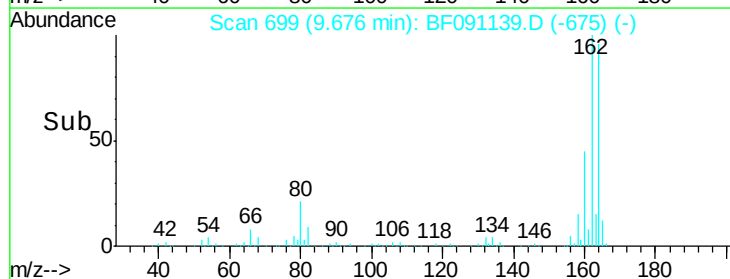
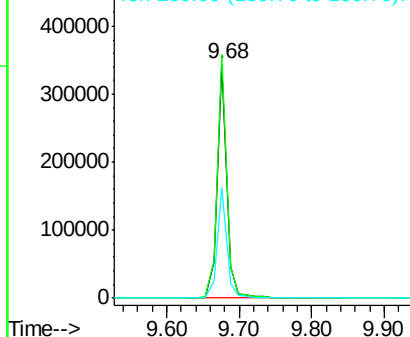
164 100

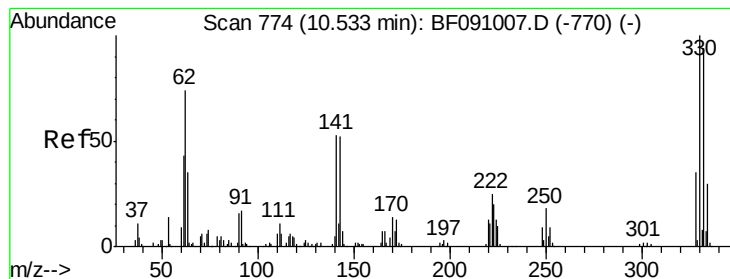
162 104.2 83.6 125.4

160 47.2 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: 75.17 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :

BNA_F

ClientSampleId :

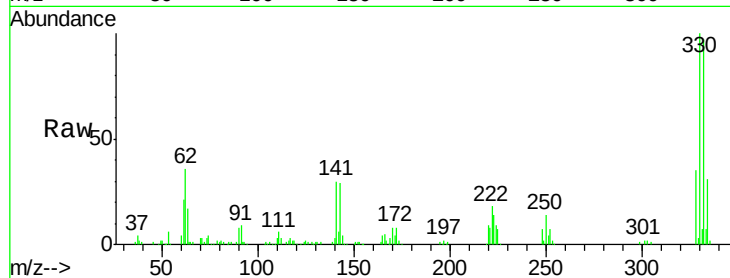
Tot Ion:330 Resp: 218081

Ion Ratio Lower Upper

330 100

332 97.5 75.9 113.9

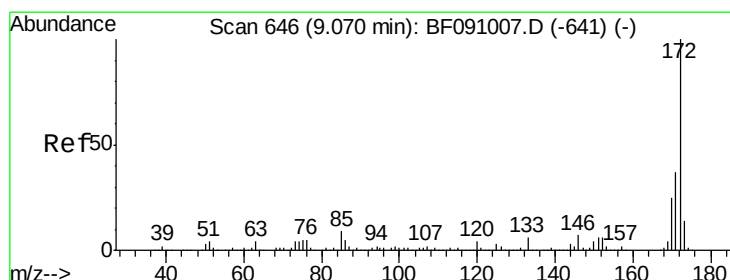
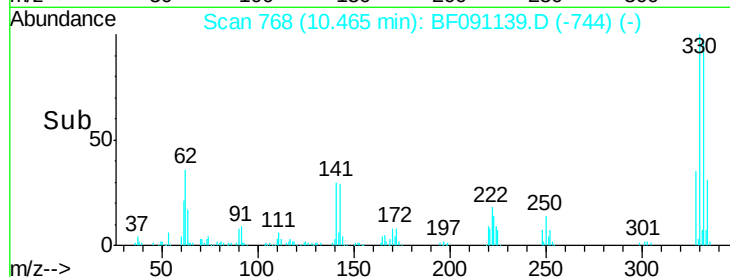
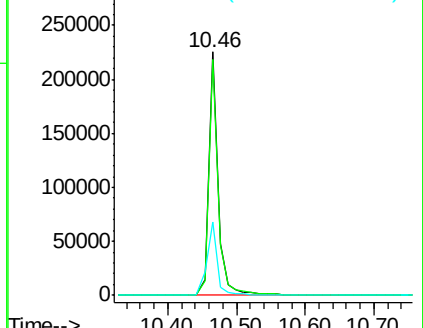
141 33.7 36.1 54.1#



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: 93.84 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

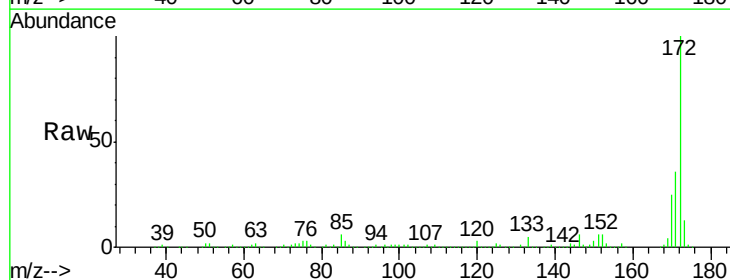
Tgt Ion:172 Resp: 1749180

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

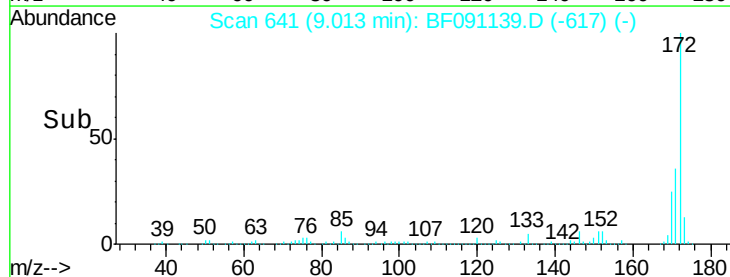
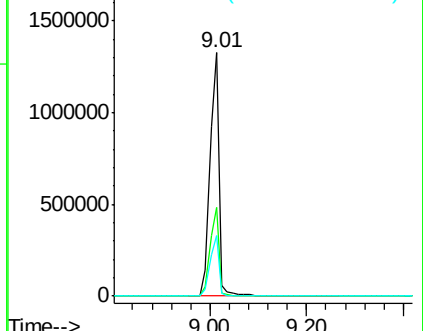
170 25.0 20.3 30.5

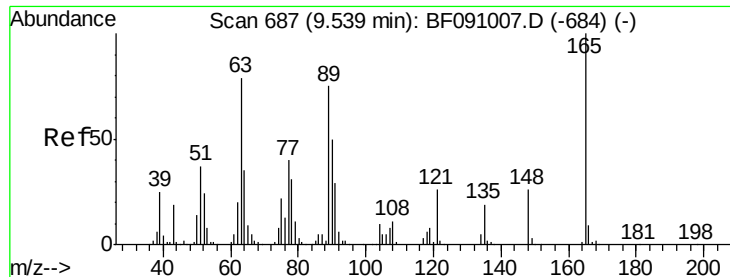


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 9.01 ng

RT: 9.68 min Scan# 699

Delta R.T. 0.17 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :
BNA_F
ClientSampleId :

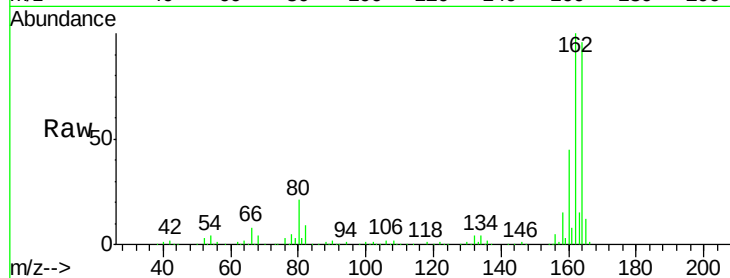
Tot Ion:165 Resp: 40635

Ion Ratio Lower Upper

165 100

63 0.7 65.6 98.4#

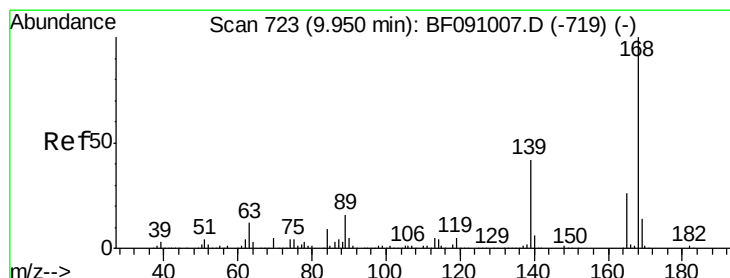
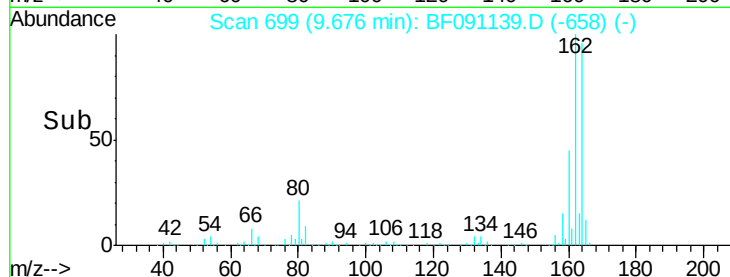
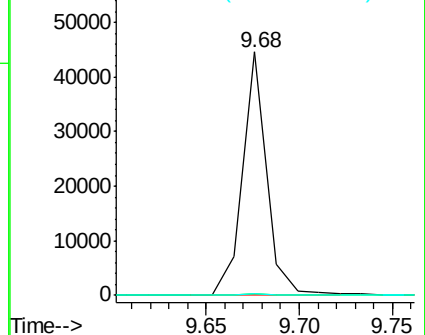
89 0.8 59.8 89.6#



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: 7.12 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.23 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Tgt Ion:165 Resp: 40846

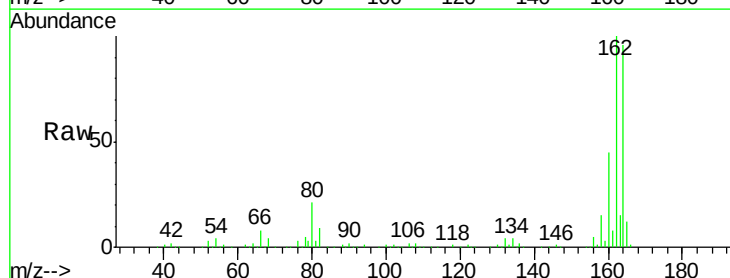
Ion Ratio Lower Upper

165 100

63 0.7 38.7 58.1#

89 0.8 50.6 76.0#

182 0.0 1.8 2.8#

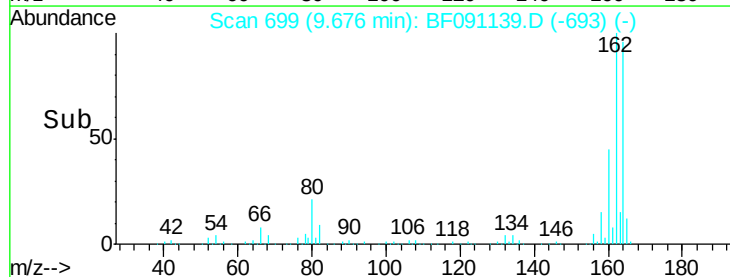
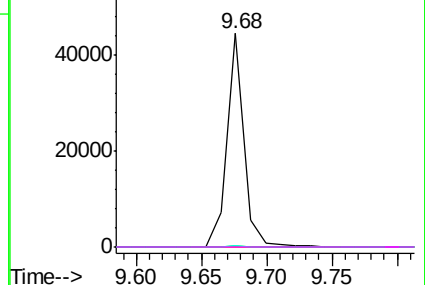


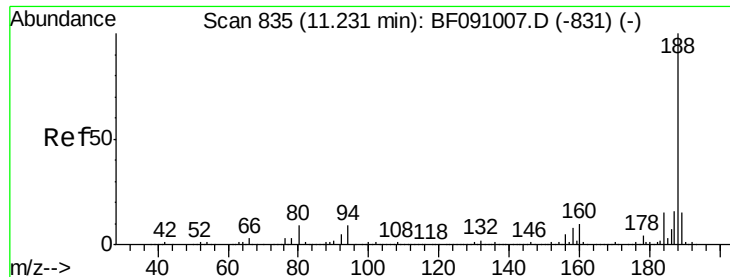
Abundance Ion 165.00 (164.70 to 165.70): E

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

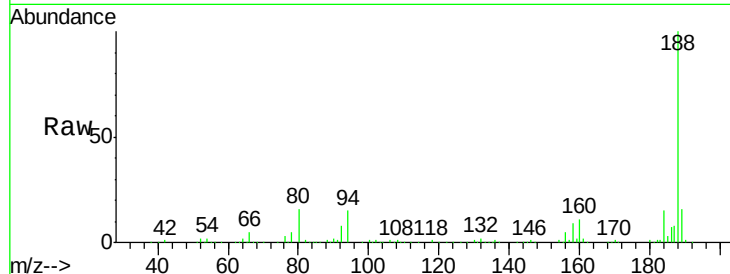




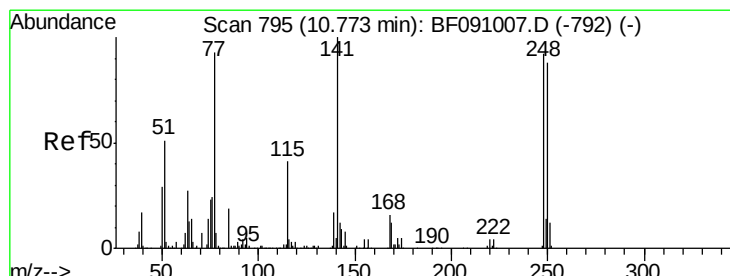
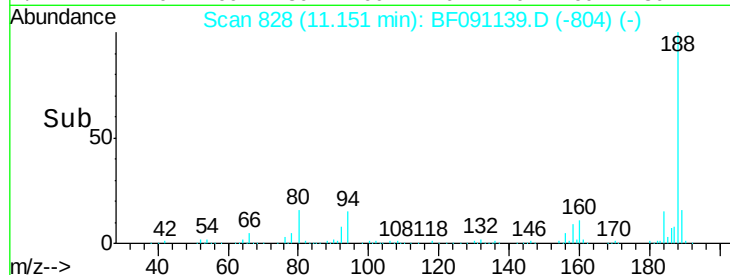
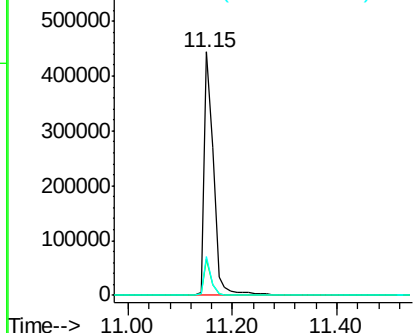
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091139.D
 Acq: 11 Nov 2016 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 555430
 Ion Ratio Lower Upper
 188 100
 94 14.6 7.0 10.4#
 80 16.1 7.5 11.3#

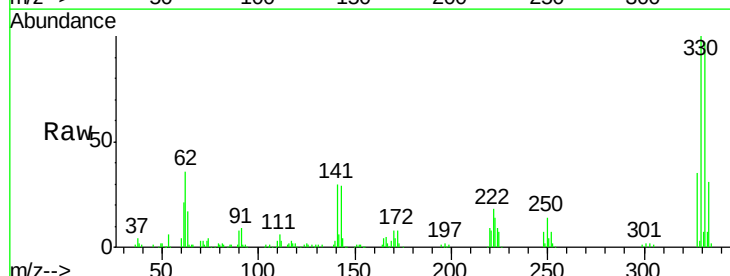


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

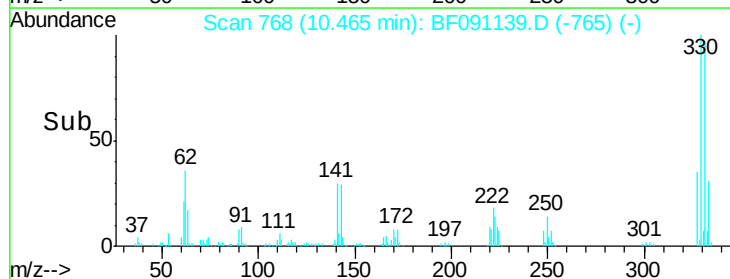
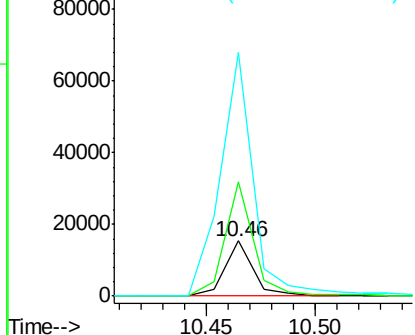


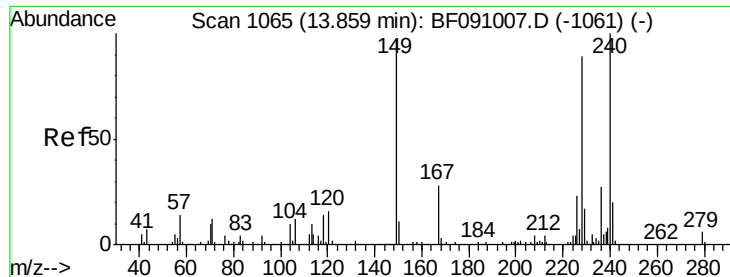
#66
 4-Bromophenyl-phenylether
 Concen: 2.41 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.26 min
 Lab File: BF091139.D
 Acq: 11 Nov 2016 14:49

Tgt Ion:248 Resp: 13900
 Ion Ratio Lower Upper
 248 100
 250 206.9 76.3 114.5#
 141 439.6 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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

Instrument :

BNA_F

ClientSampleId :

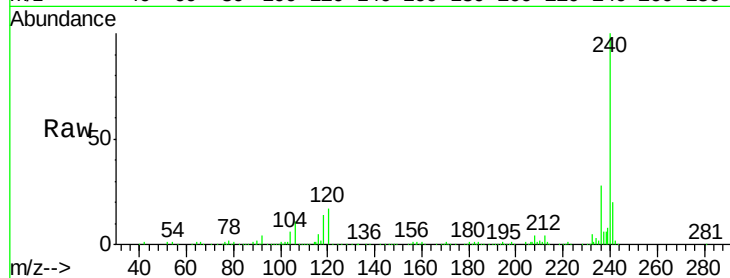
Tot Ion:240 Resp: 533003

Ion Ratio Lower Upper

240 100

120 16.6 12.9 19.3

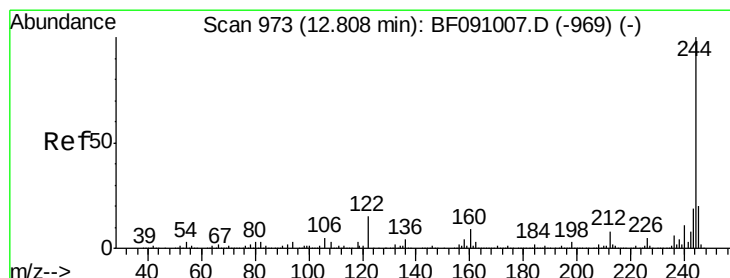
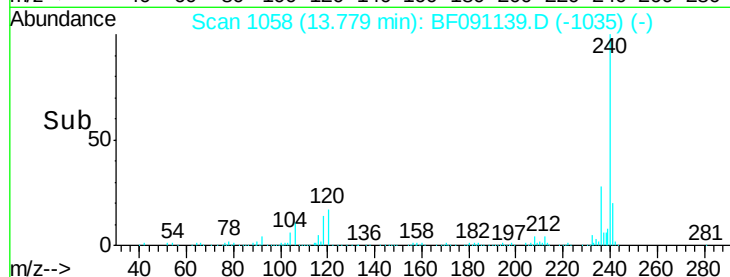
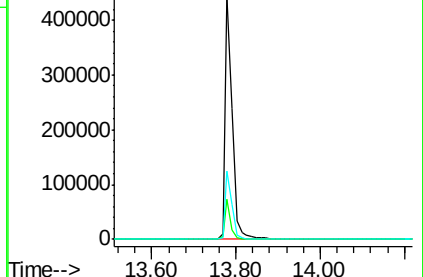
236 27.8 21.9 32.9



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: 82.59 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091139.D

Acq: 11 Nov 2016 14:49

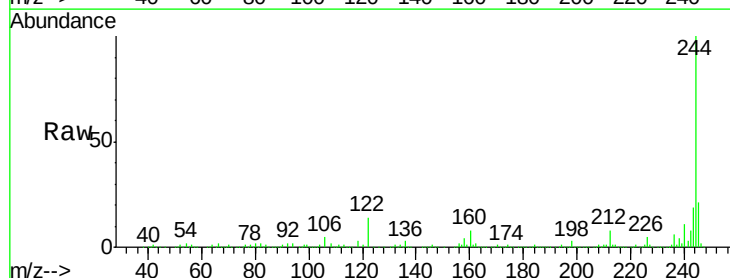
Tgt Ion:244 Resp: 1763941

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

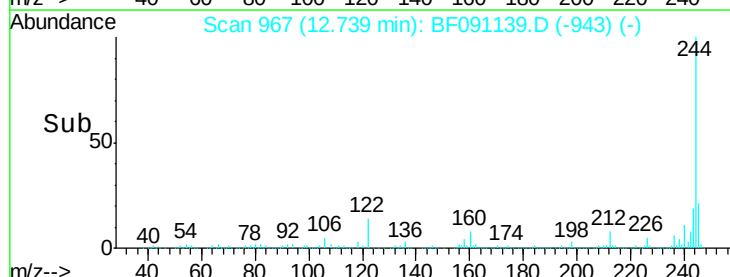
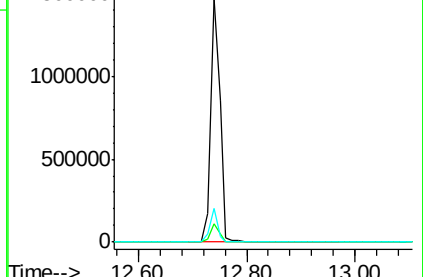
122 13.8 12.3 18.5

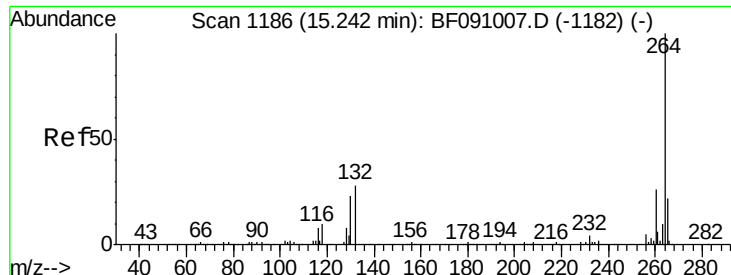


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

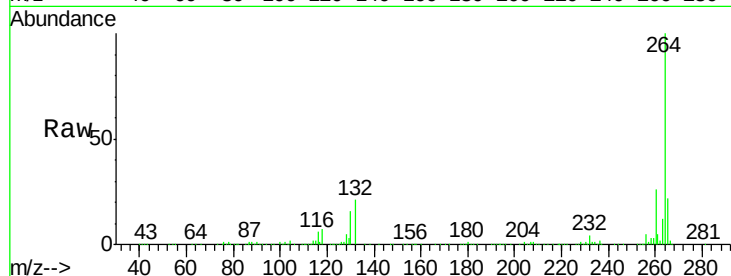




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091139.D
 Acq: 11 Nov 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	21.8	17.8	26.8



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

