

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091797.D
 Acq On : 20 Dec 2016 2:20
 Operator : UM/SJ
 Sample : H6126-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Dec 20 03:18:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

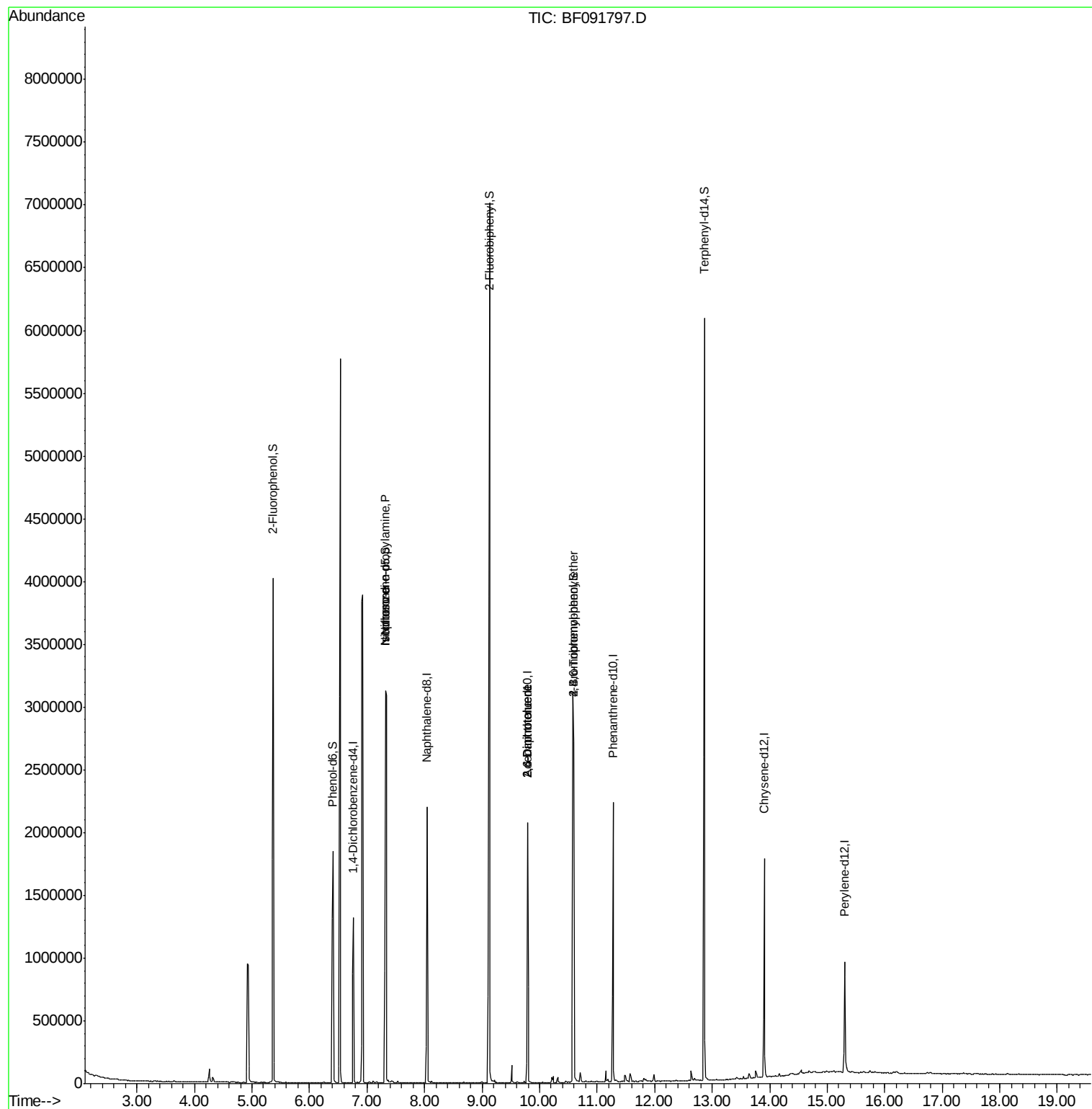
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255935	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1000105	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	493910	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	840201	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	600099	20.00	ng	-0.02
86) Perylene-d12	15.30	264	489066	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1206732	78.99	ng	0.00
7) Phenol-d6	6.41	99	823150	44.18	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1765405	101.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	583571	139.34	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2674461	108.79	ng	-0.01
78) Terphenyl-d14	12.87	244	1987824	83.64	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	1429	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	230336	18.59 ng	#	77
25) Isophorone	7.32	82	1544872	46.69 ng	#	65
50) 2,6-Dinitrotoluene	9.79	165	63118	8.92 ng	#	31
56) 2,4-Dinitrotoluene	9.79	165	63122	7.14 ng	#	20
66) 4-Bromophenyl-phenylether	10.59	248	37493	4.26 ng	#	1

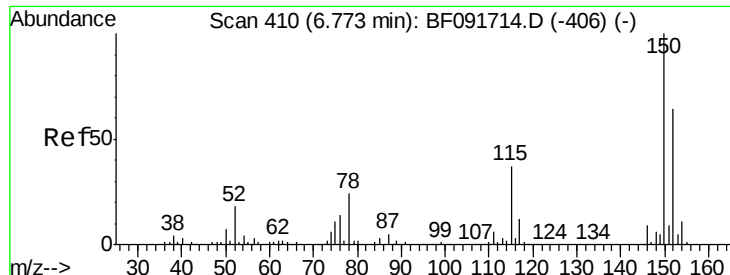
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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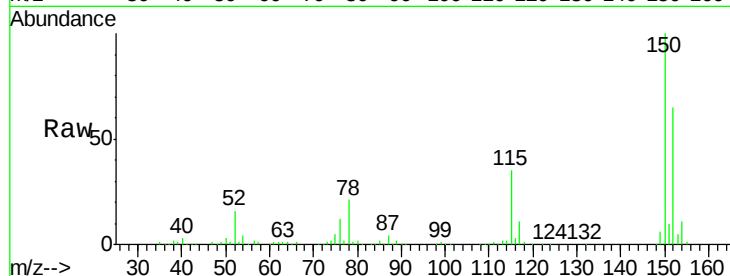




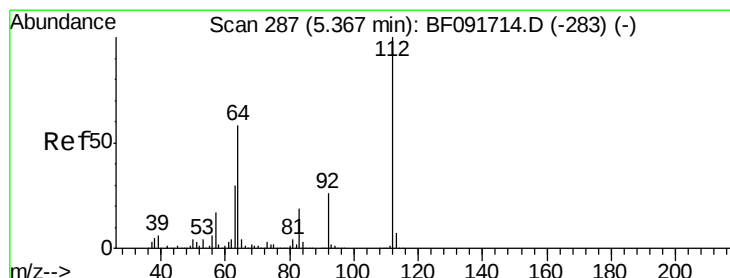
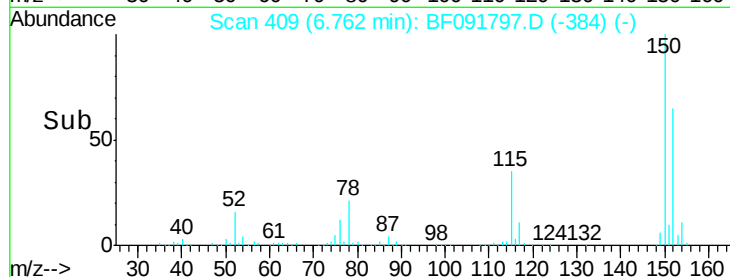
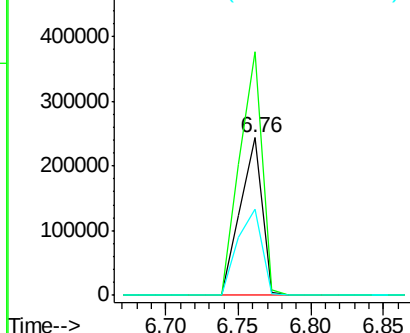
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:152 Resp: 255935
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.9 187.3
 115 54.6 46.0 69.0

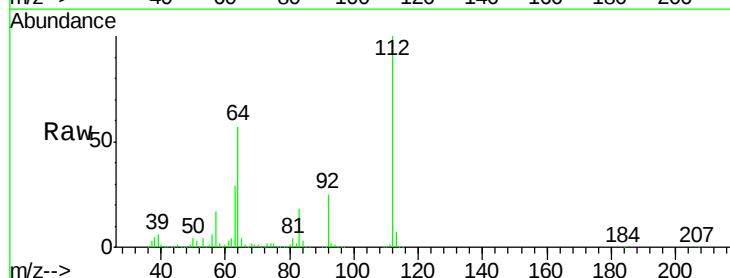


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

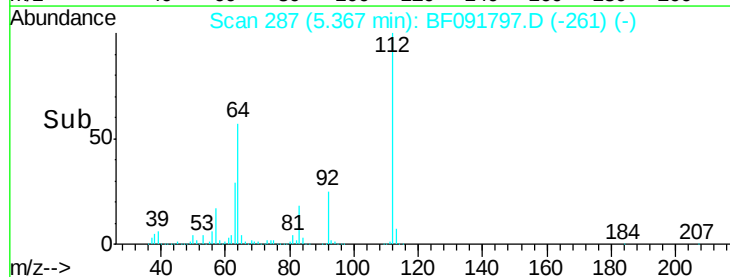
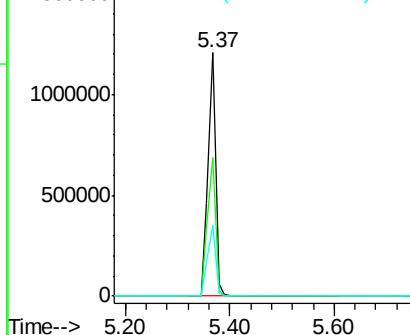


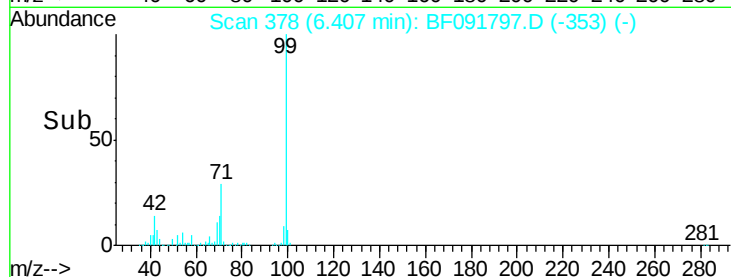
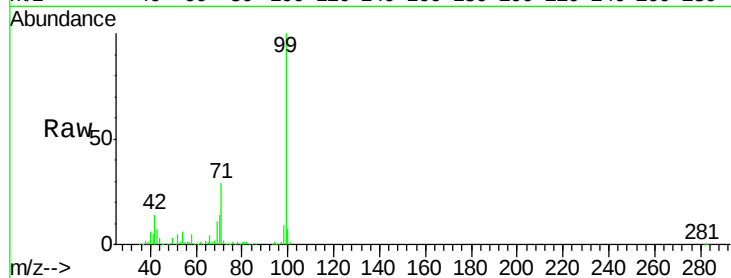
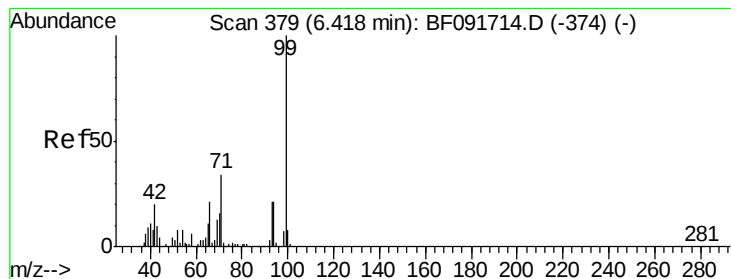
#5
 2-Fluorophenol
 Concen: 78.99 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Tgt Ion:112 Resp: 1206732
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.1 69.1
 63 29.1 23.8 35.6



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: 44.18 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

MW-34

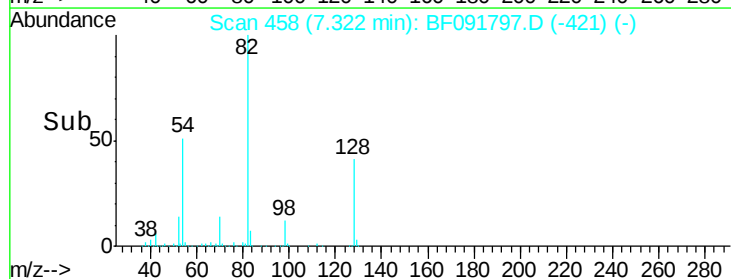
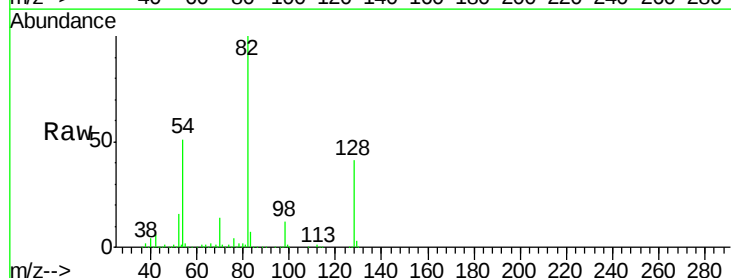
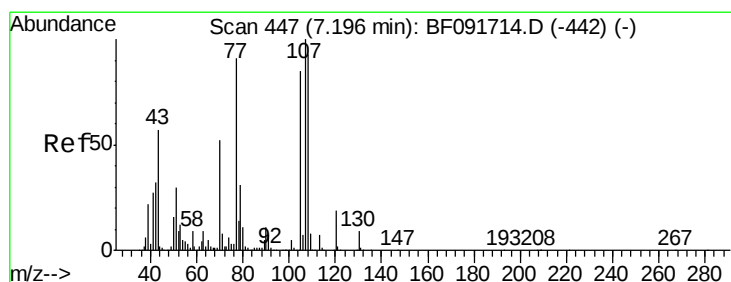
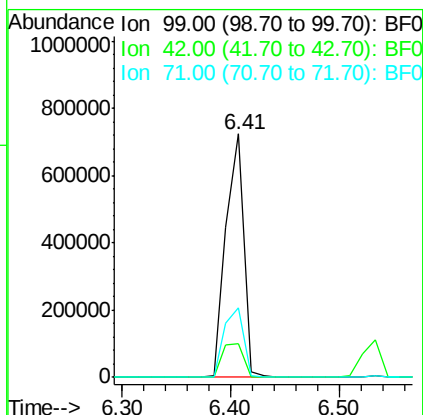
Tgt Ion: 99 Resp: 823150

Ion Ratio Lower Upper

99 100

42 14.0 15.6 23.4#

71 28.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.59 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Tgt Ion: 70 Resp: 230336

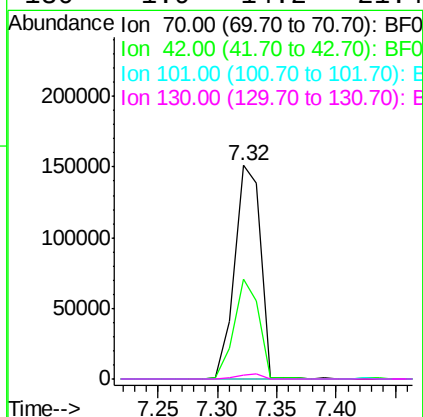
Ion Ratio Lower Upper

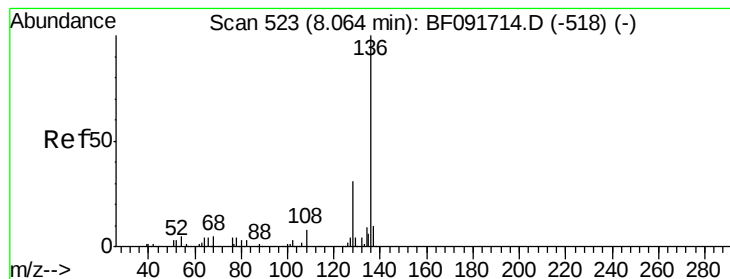
70 100

42 47.0 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

MW-34

Tgt Ion:136 Resp: 1000105

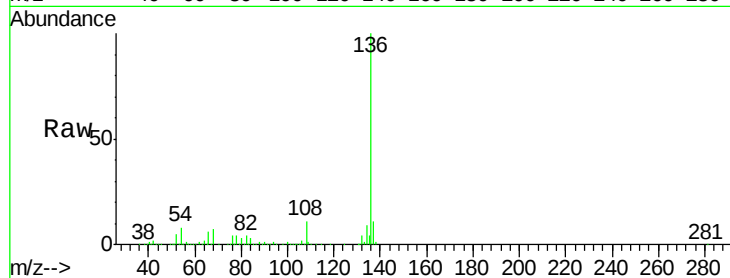
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.5 4.5 6.7#

68 6.7 3.6 5.4#

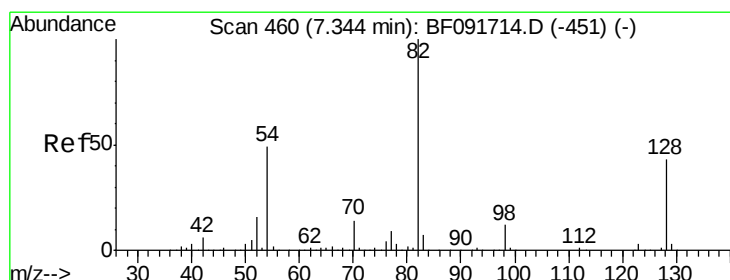
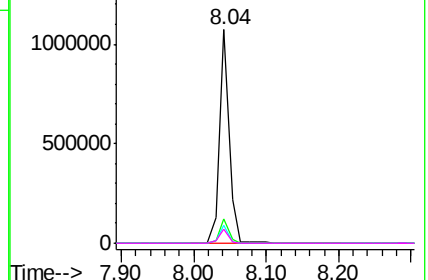
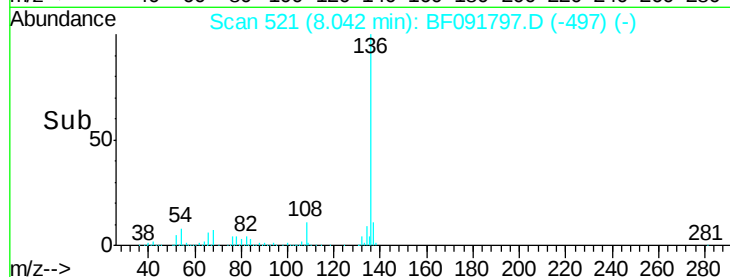


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.80 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

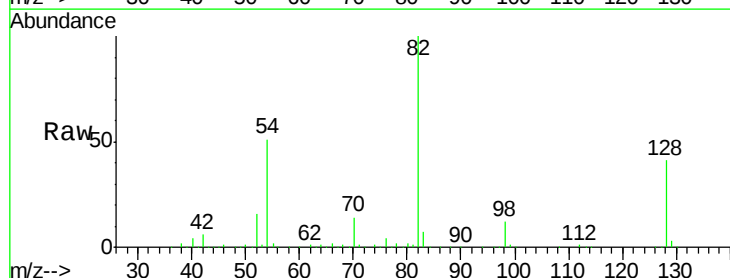
Tgt Ion: 82 Resp: 1765405

Ion Ratio Lower Upper

82 100

128 40.5 34.6 52.0

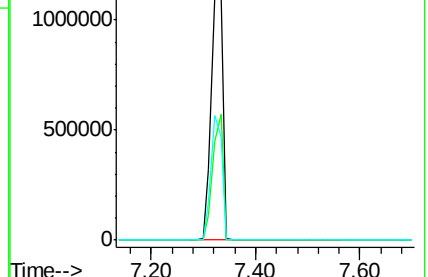
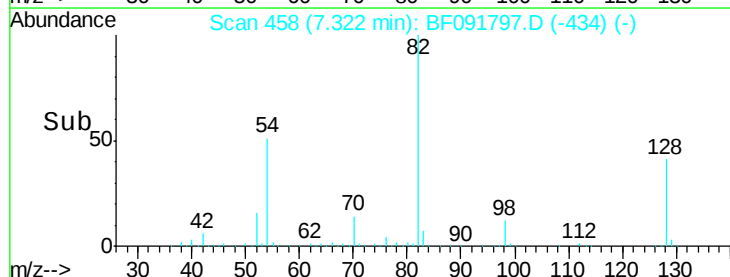
54 51.2 39.5 59.3

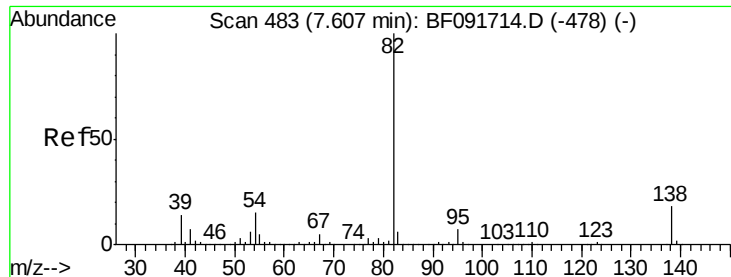


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.69 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

MW-34

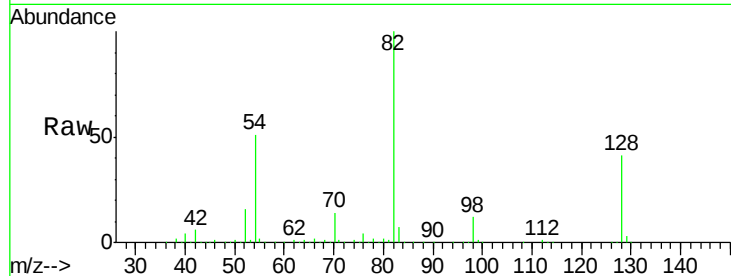
Tgt Ion: 82 Resp: 1544872

Ion Ratio Lower Upper

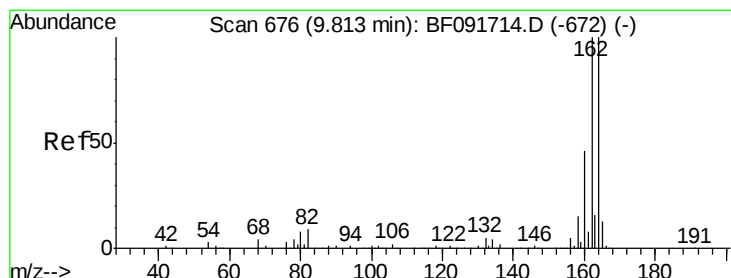
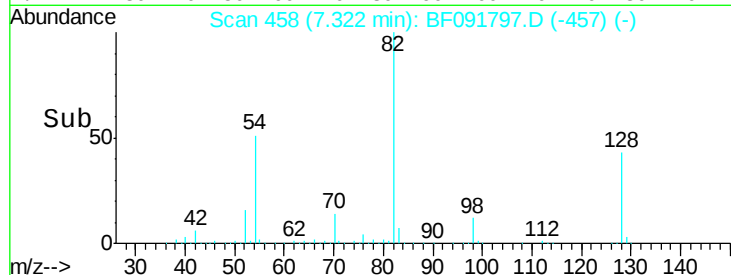
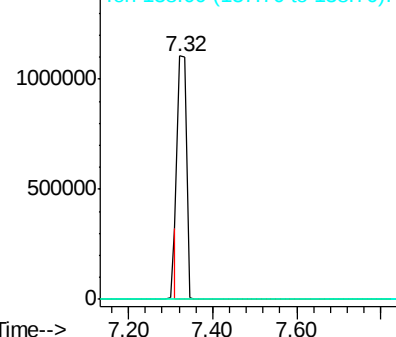
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091797.D

Acq: 20 Dec 2016 2:20

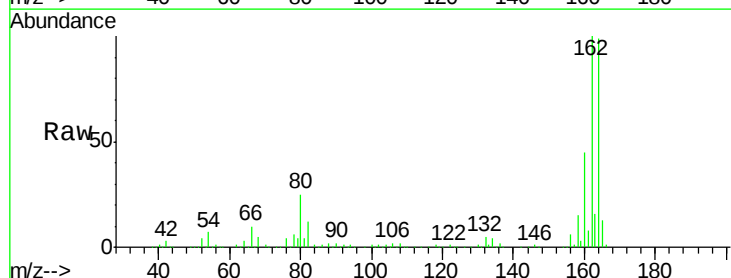
Tgt Ion: 164 Resp: 493910

Ion Ratio Lower Upper

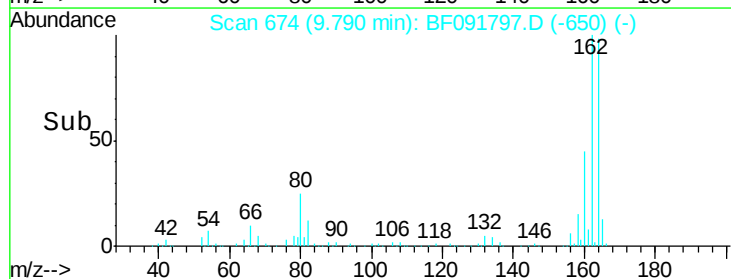
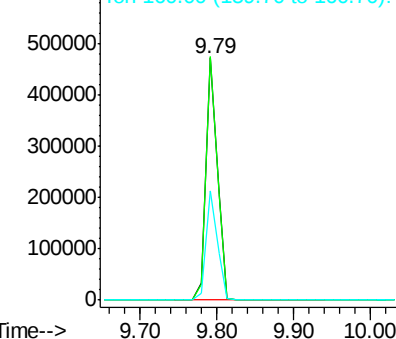
164 100

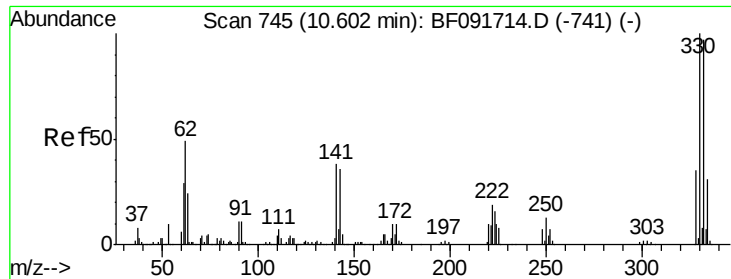
162 100.5 80.2 120.2

160 45.1 36.9 55.3



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

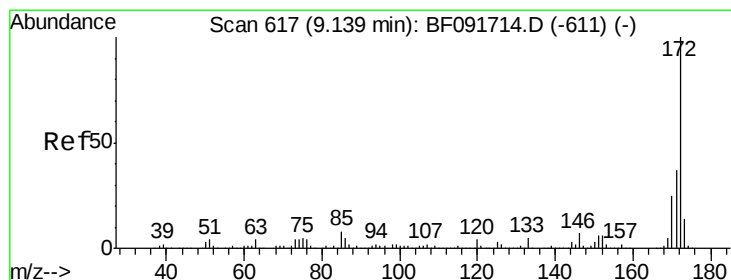
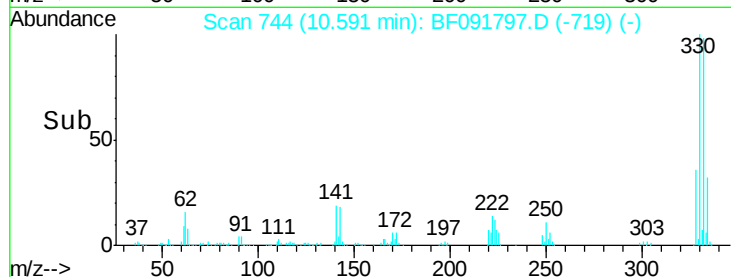
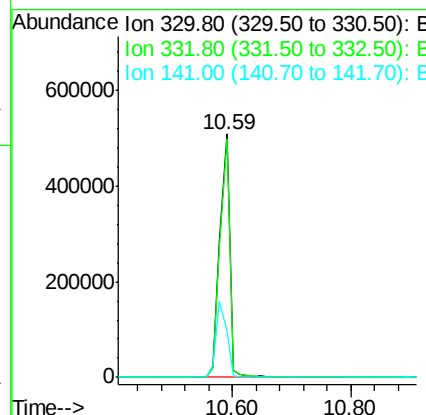
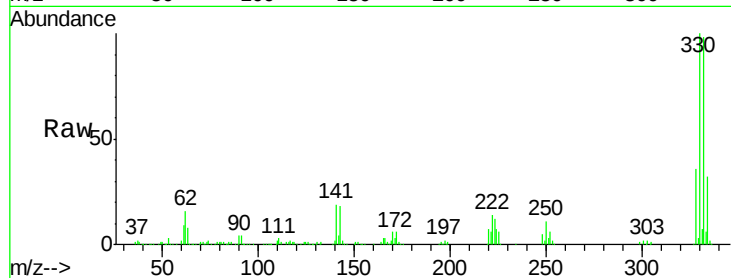




#41
 2,4,6-Tribromophenol
 Concen: 139.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Instrument :
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 ClientSampleId :
 MW-34

Tgt Ion:330 Resp: 583571
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.9 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 108.79 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091797.D
 Acq: 20 Dec 2016 2:20

Tgt Ion:172 Resp: 2674461
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 20.2 30.4

