

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090851.D
 Acq On : 26 Oct 2016 20:22
 Operator : UM/SJ
 Sample : H5398-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Oct 27 01:21:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

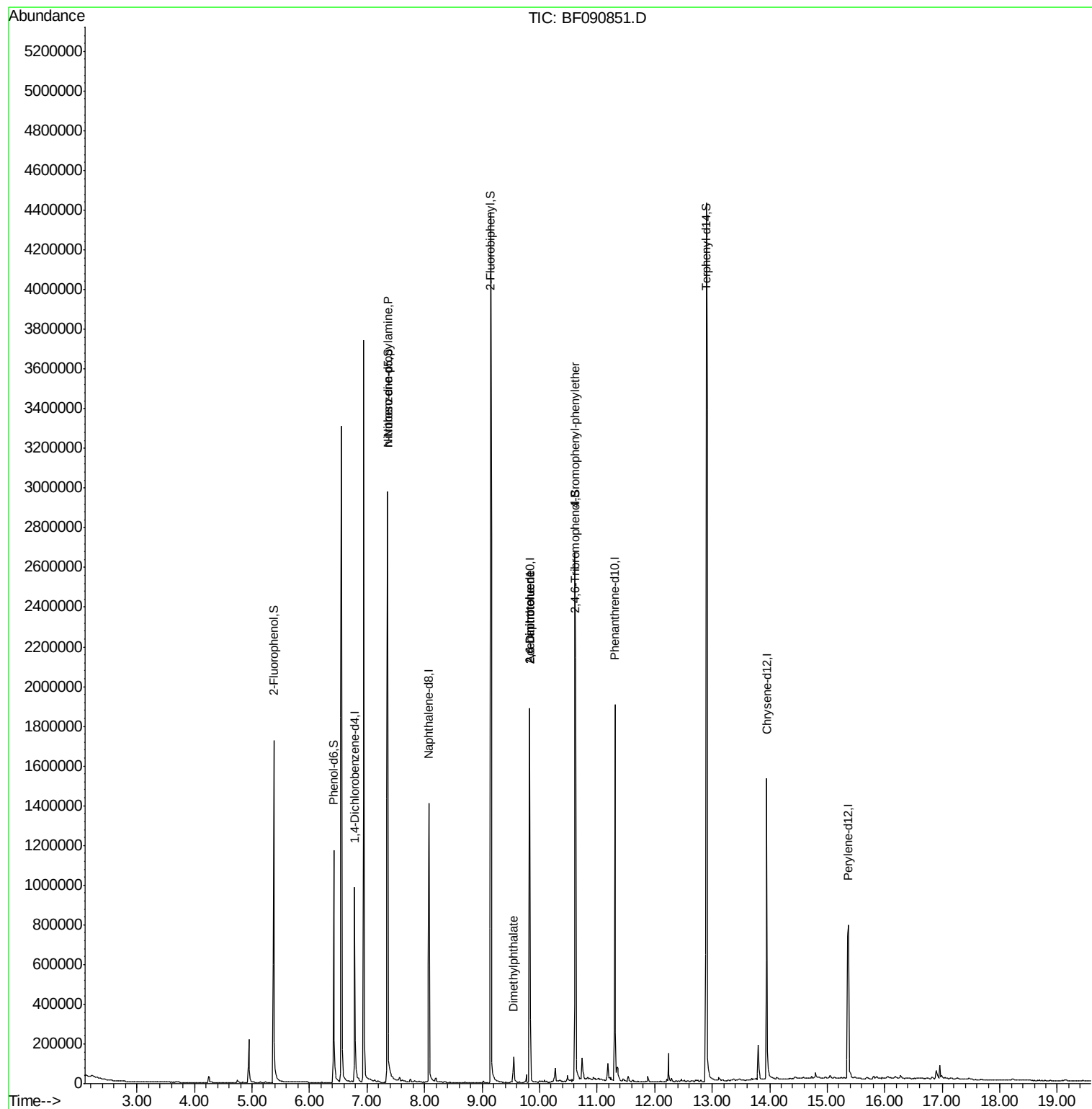
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178363	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	784794	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	398891	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	698769	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	616879	20.00	ng	-0.01
86) Perylene-d12	15.37	264	449488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	601790	58.99	ng	-0.01
7) Phenol-d6	6.42	99	459334	33.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1295206	108.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	599751	146.31	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	2040091	89.81	ng	-0.02
78) Terphenyl-d14	12.90	244	2167568	88.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	176095	22.13	ng	# 51
49) Dimethylphthalate	9.55	163	63201	2.37	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	51531	8.76	ng	# 38
56) 2,4-Dinitrotoluene	9.82	165	51768	7.08	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	34859	4.56	ng	# 1

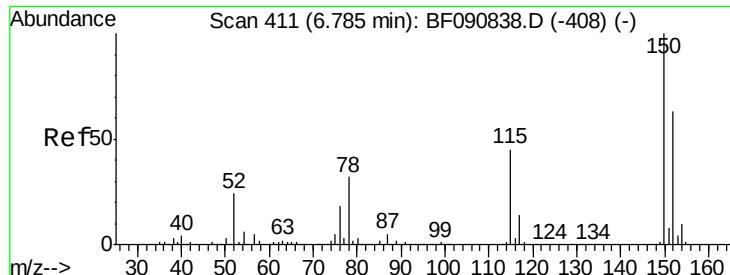
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Instrument :

BNA_F

ClientSampleId :

DSN001

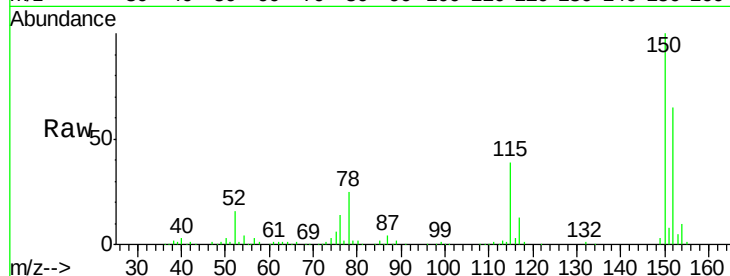
Tgt Ion:152 Resp: 178363

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

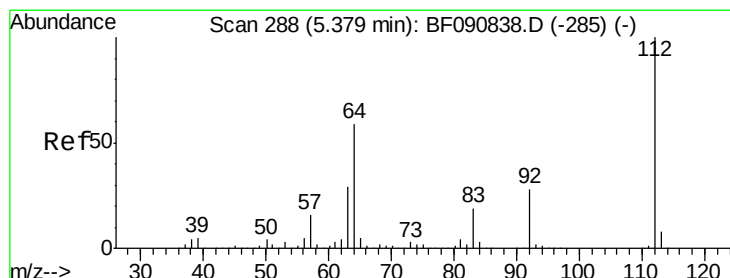
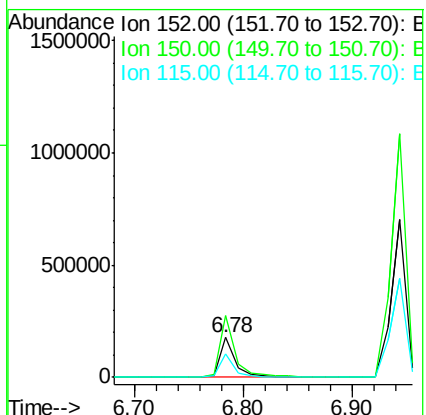
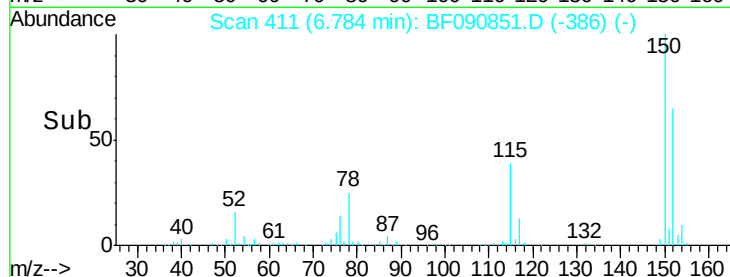
115 60.3 39.0 58.4#



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: 58.99 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

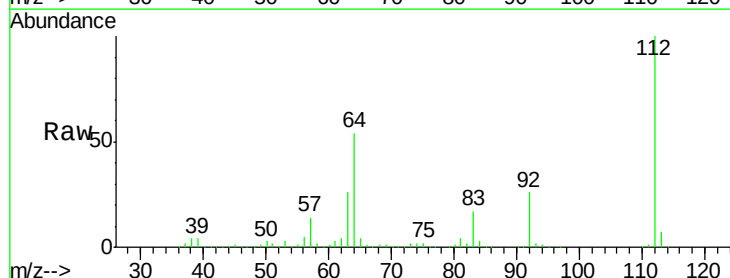
Tgt Ion:112 Resp: 601790

Ion Ratio Lower Upper

112 100

64 53.6 39.7 59.5

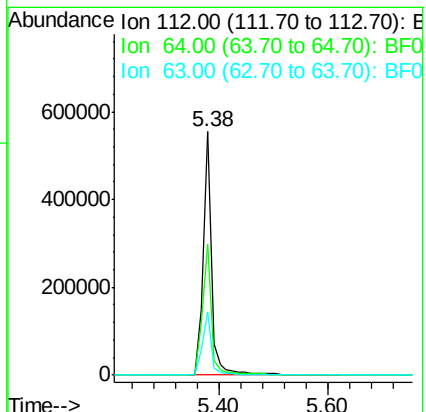
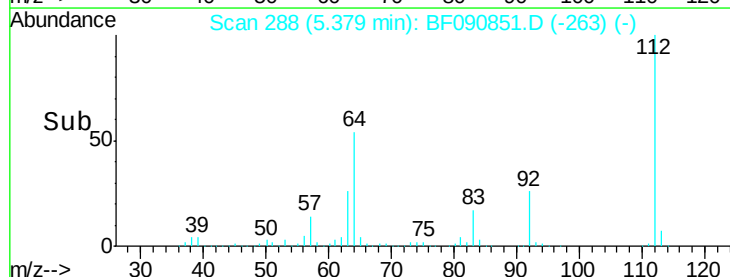
63 25.9 17.4 26.0

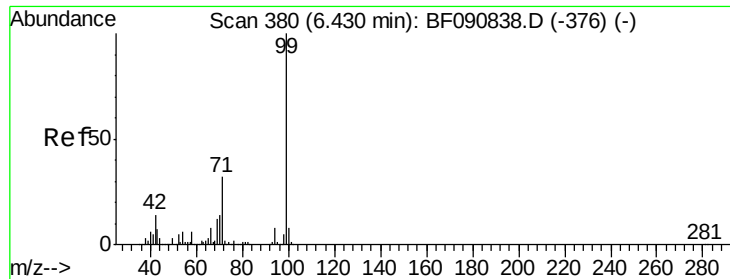


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Instrument :

BNA_F

ClientSampleId :

DSN001

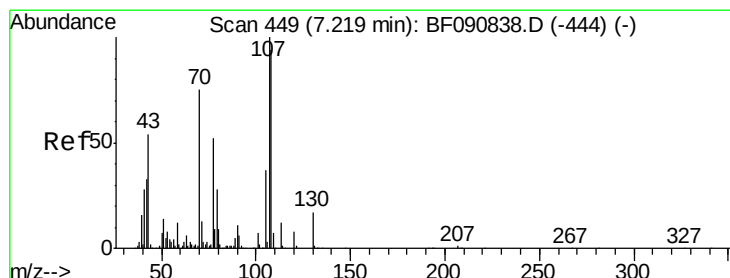
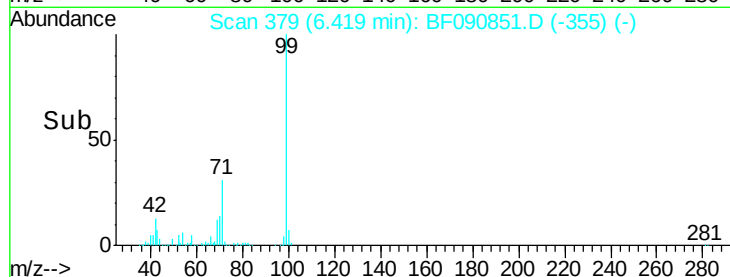
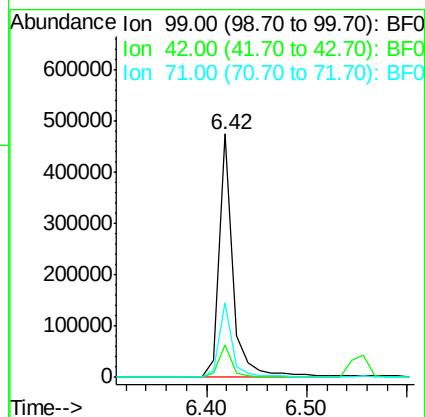
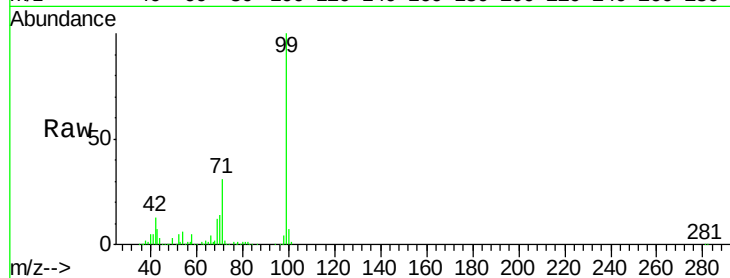
Tgt Ion: 99 Resp: 459334

Ion Ratio Lower Upper

99 100

42 13.2 13.7 20.5#

71 30.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 22.13 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Tgt Ion: 70 Resp: 176095

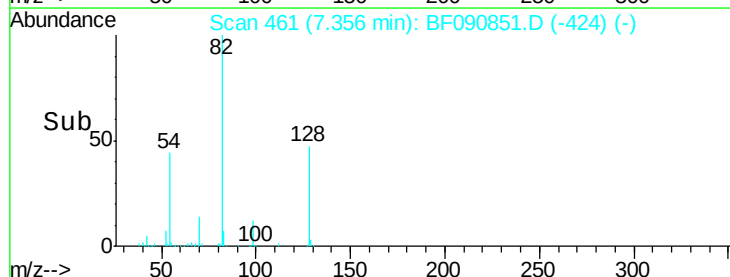
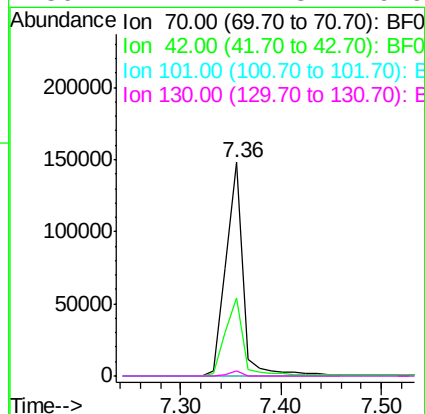
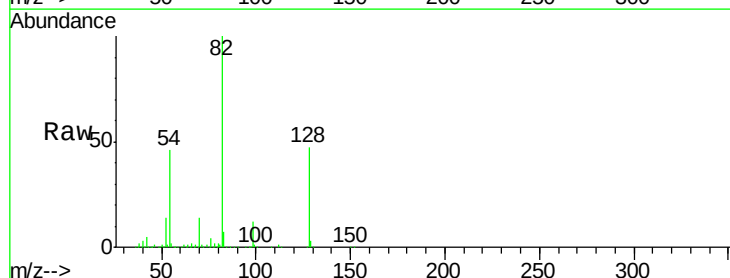
Ion Ratio Lower Upper

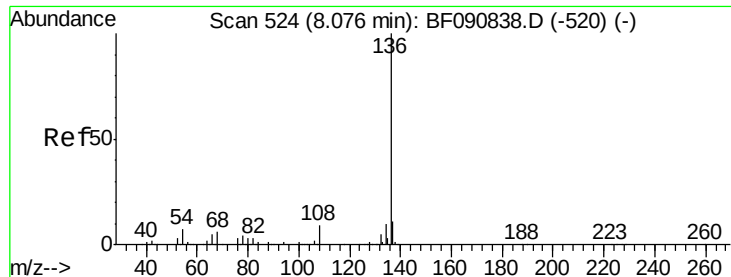
70 100

42 36.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Instrument :

BNA_F

ClientSampleId :

DSN001

Tgt Ion:136 Resp: 784794

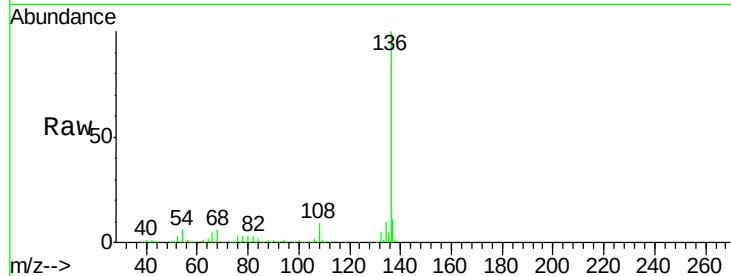
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.4 8.2 12.2#

68 6.2 5.8 8.6

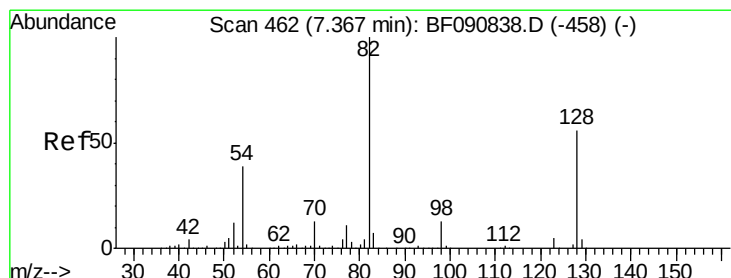
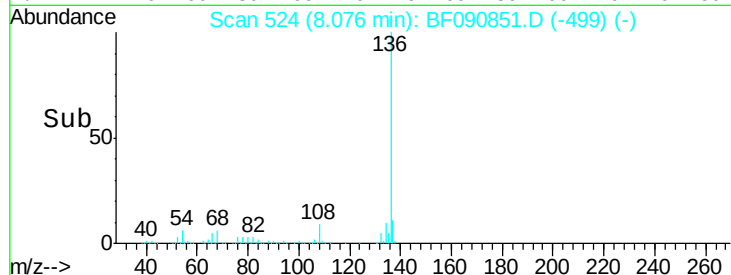
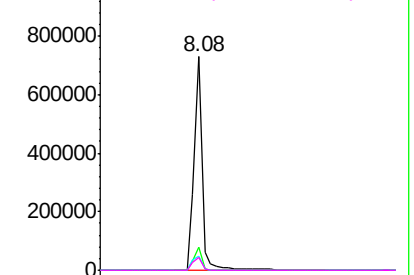


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.04 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

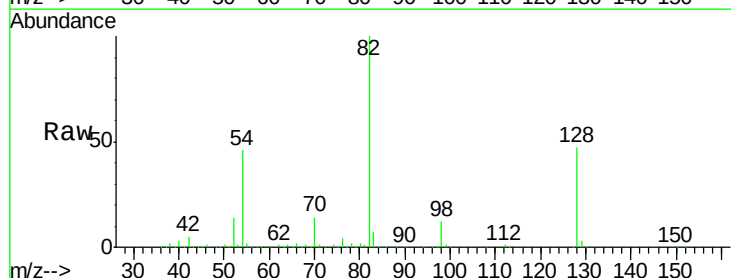
Tgt Ion: 82 Resp: 1295206

Ion Ratio Lower Upper

82 100

128 46.7 51.0 76.6#

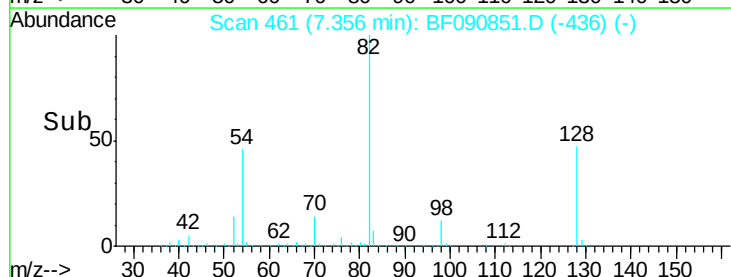
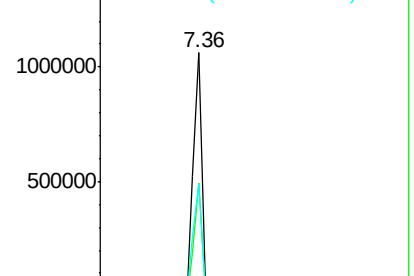
54 45.8 47.5 71.3#

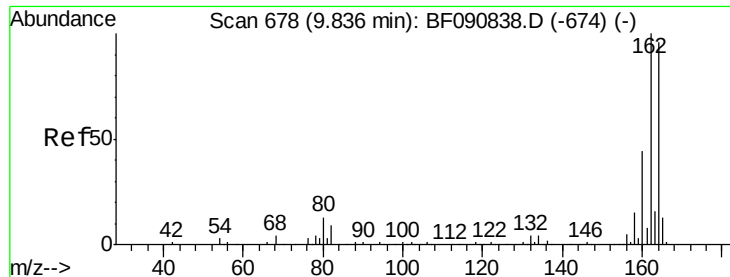


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Instrument :

BNA_F

ClientSampleId :

DSN001

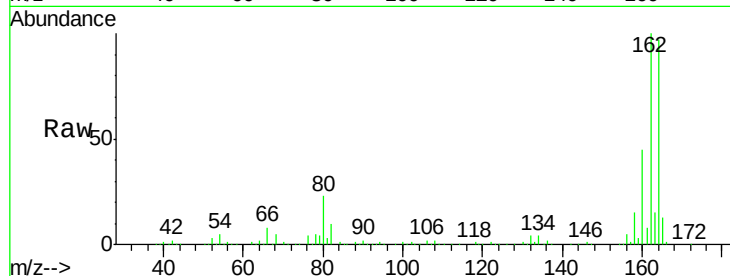
Tgt Ion:164 Resp: 398891

Ion Ratio Lower Upper

164 100

162 102.7 75.2 112.8

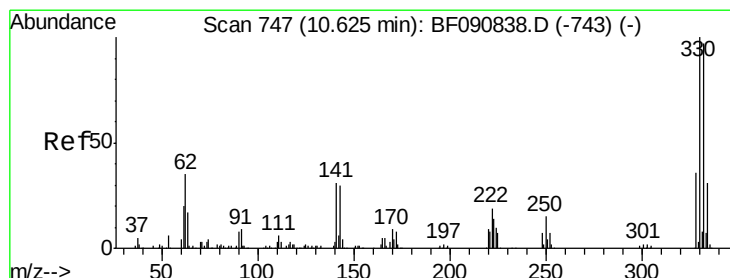
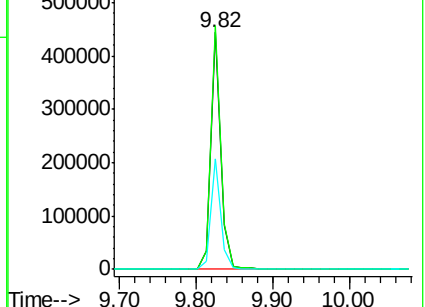
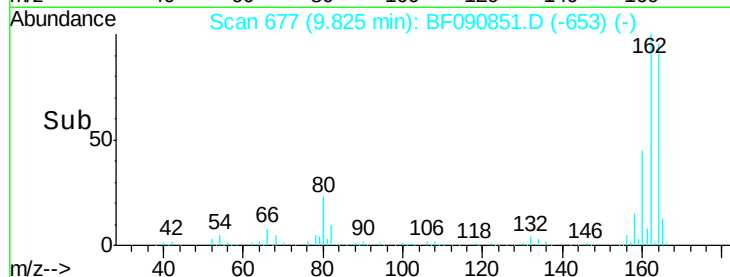
160 46.6 31.5 47.3



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: 146.31 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

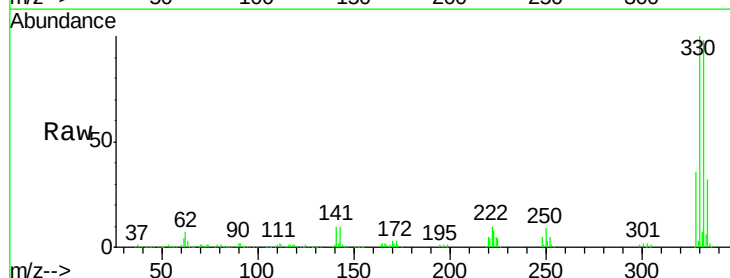
Tgt Ion:330 Resp: 599751

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

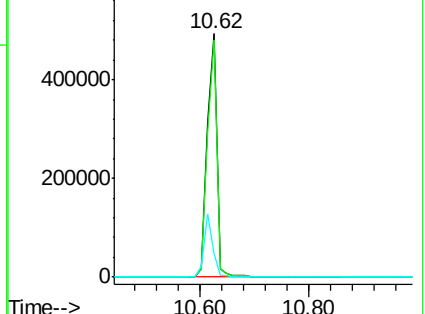
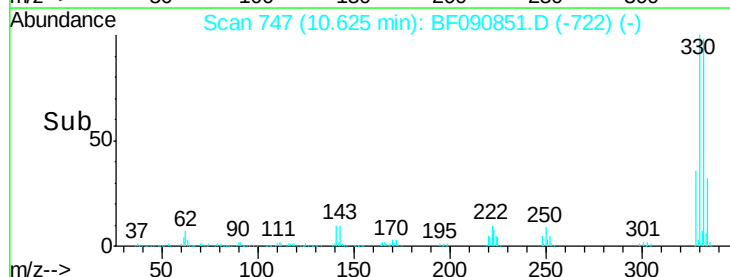
141 24.3 29.7 44.5#

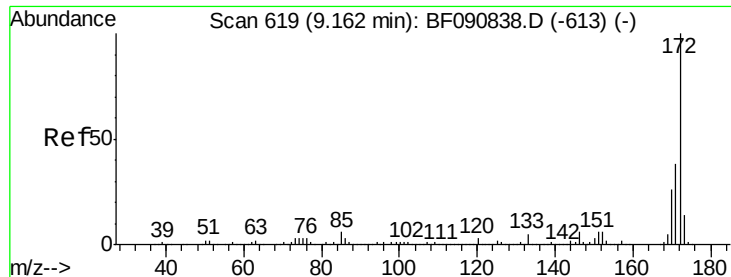


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

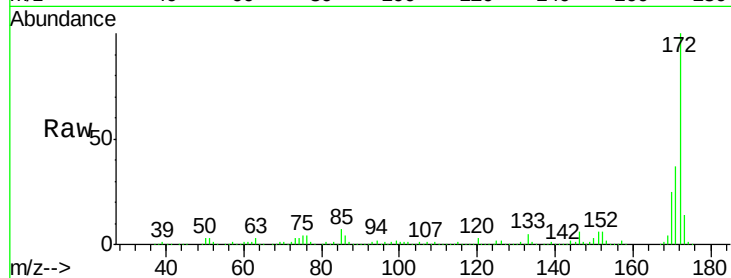




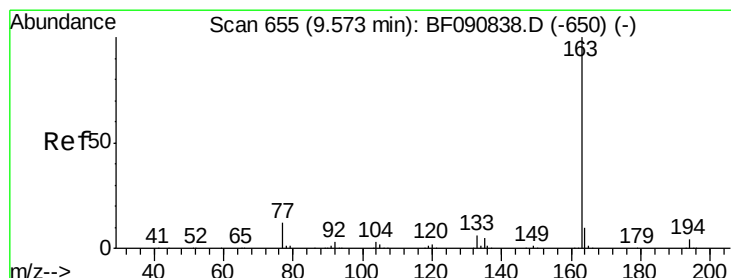
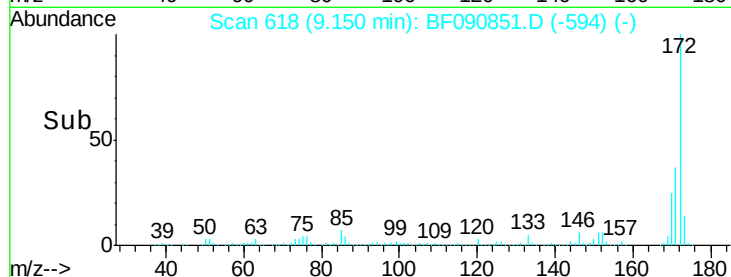
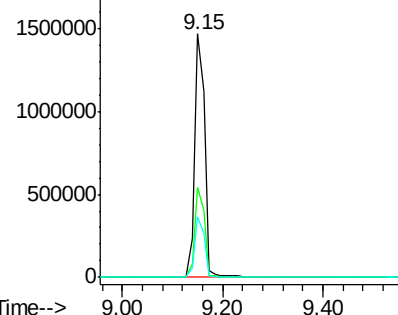
#44
2-Fluorobiphenyl
Concen: 89.81 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF090851.D
Acq: 26 Oct 2016 20:22

Instrument :
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ClientSampleId :
DSN001

Tgt Ion:172 Resp: 2040091
Ion Ratio Lower Upper
172 100
171 37.1 26.1 39.1
170 24.9 17.4 26.2

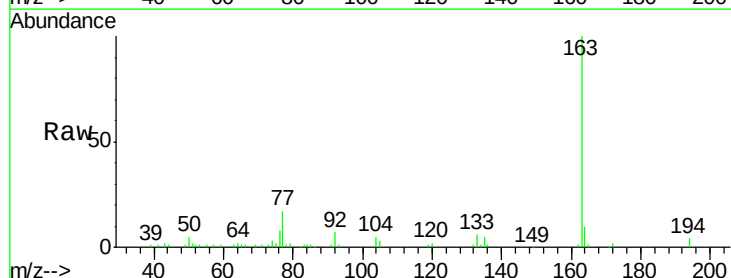


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

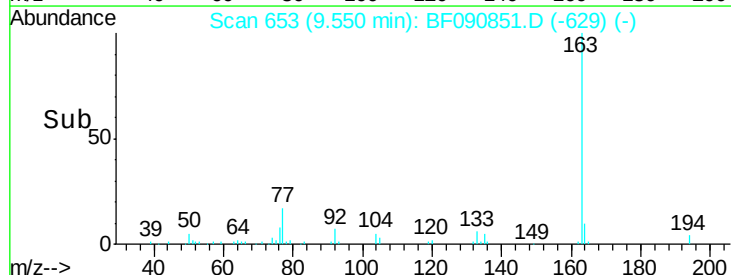
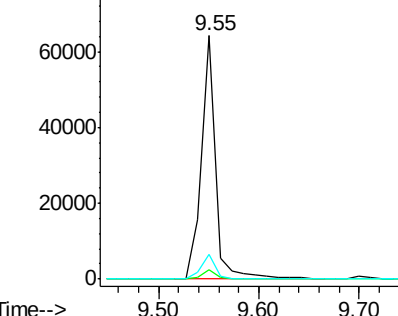


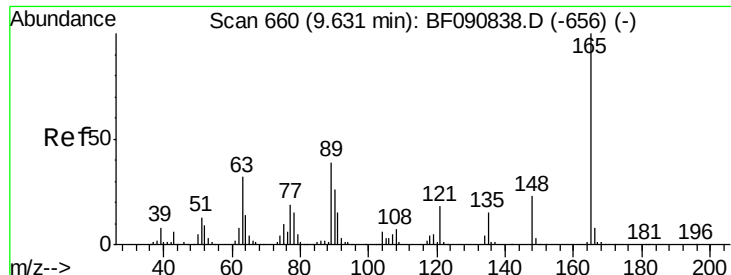
#49
Dimethylphthalate
Concen: 2.37 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090851.D
Acq: 26 Oct 2016 20:22

Tgt Ion:163 Resp: 63201
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

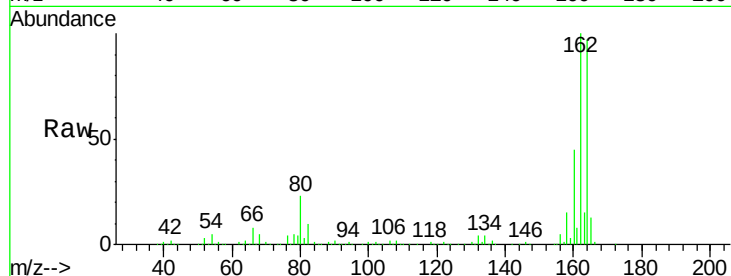




#50
 2,6-Dinitrotoluene
 Concen: 8.76 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090851.D
 Acq: 26 Oct 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

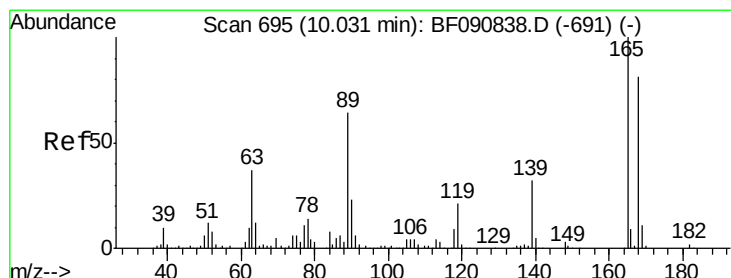
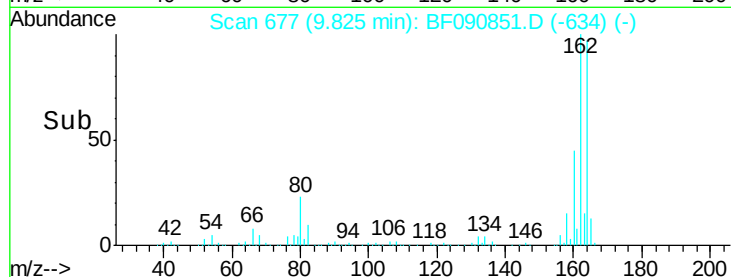
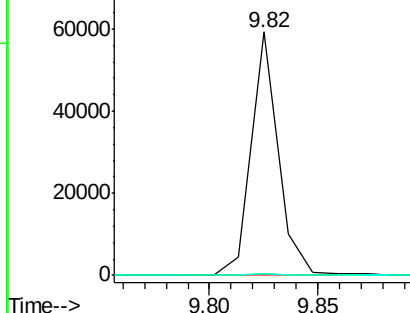
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.3	48.5#
89	0.9	28.6	43.0#



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: 7.08 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090851.D
 Acq: 26 Oct 2016 20:22

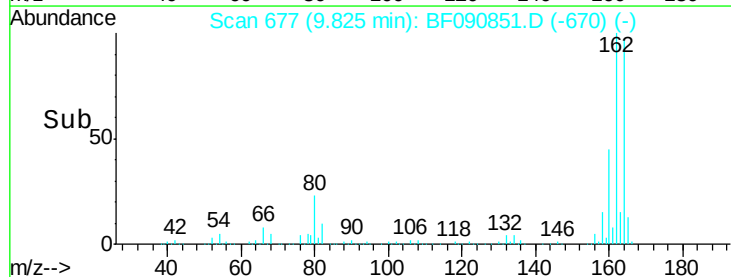
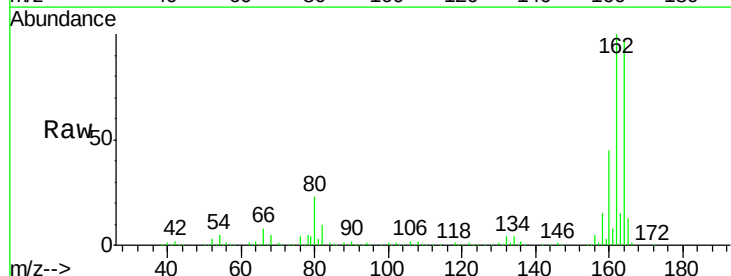
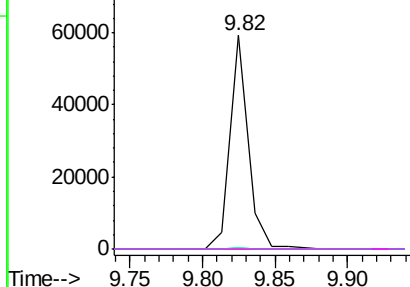
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

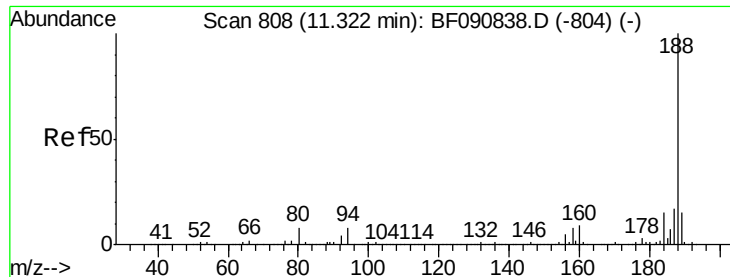
Abundance Ion 165.00 (164.70 to 165.70): E

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

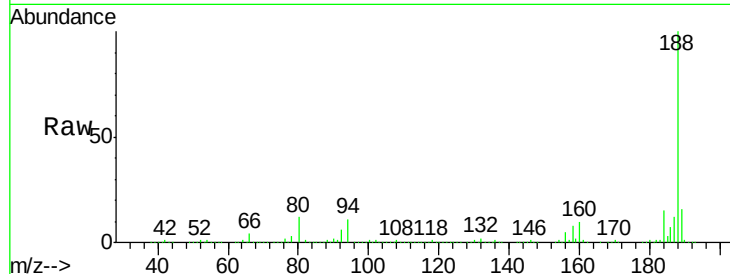




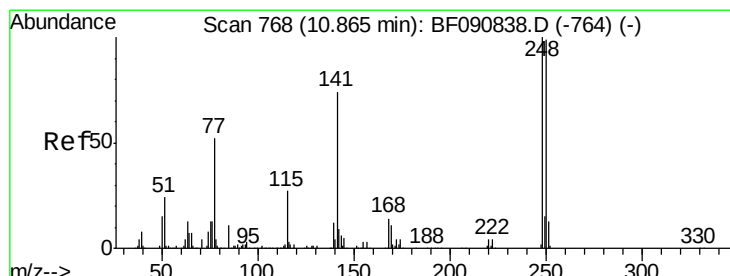
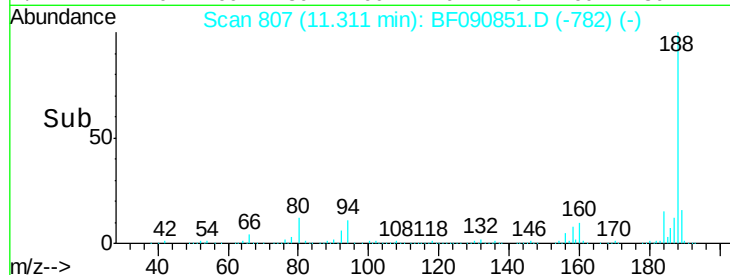
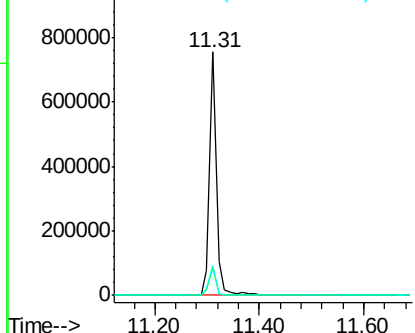
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090851.D
 Acq: 26 Oct 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:188 Resp: 698769
 Ion Ratio Lower Upper
 188 100
 94 11.1 11.1 16.7
 80 12.1 11.0 16.4

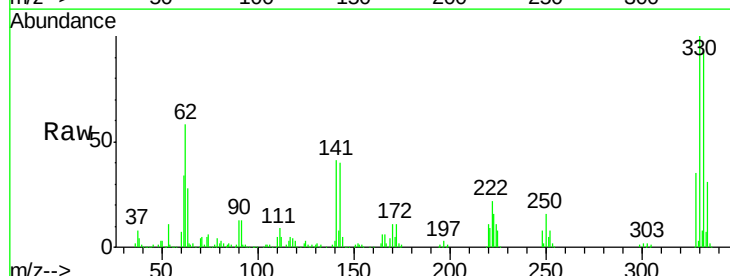


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

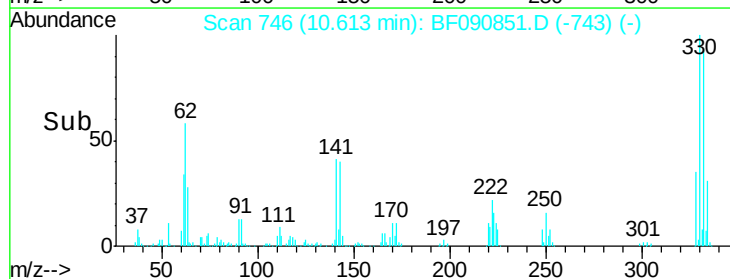
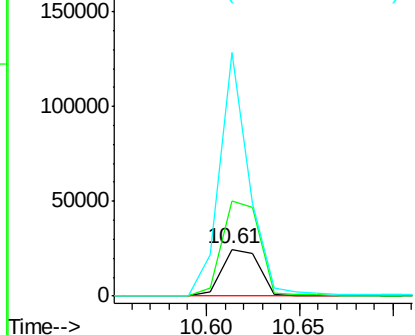


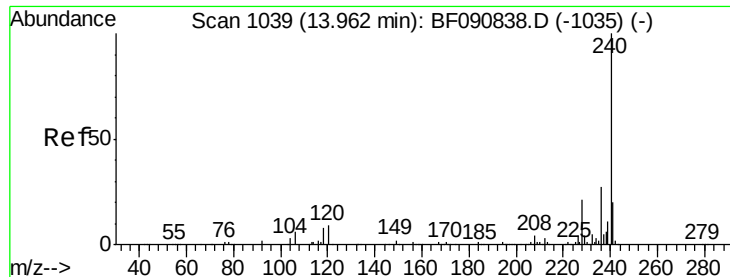
#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.26 min
 Lab File: BF090851.D
 Acq: 26 Oct 2016 20:22

Tgt Ion:248 Resp: 34859
 Ion Ratio Lower Upper
 248 100
 250 204.7 78.5 117.7#
 141 523.2 59.0 88.6#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

Instrument :

BNA_F

ClientSampleId :

DSN001

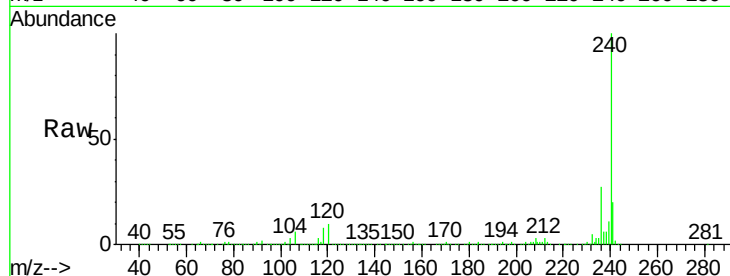
Tgt Ion:240 Resp: 616879

Ion Ratio Lower Upper

240 100

120 9.5 16.2 24.2#

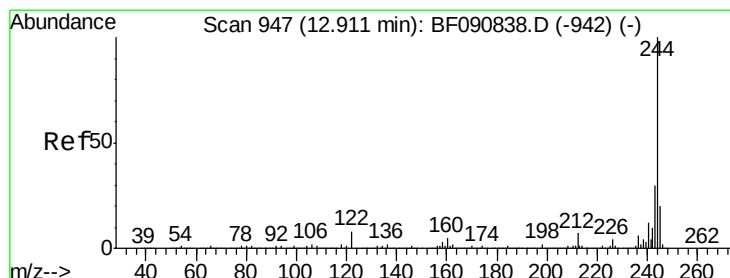
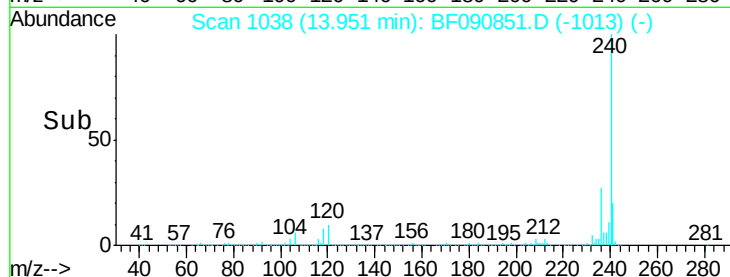
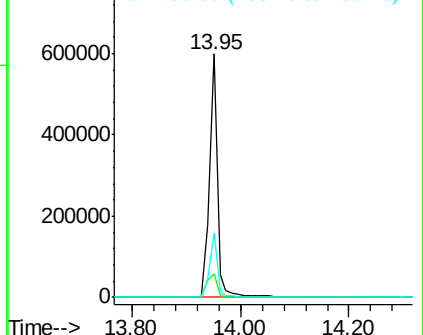
236 26.6 18.4 27.6



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: 88.53 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090851.D

Acq: 26 Oct 2016 20:22

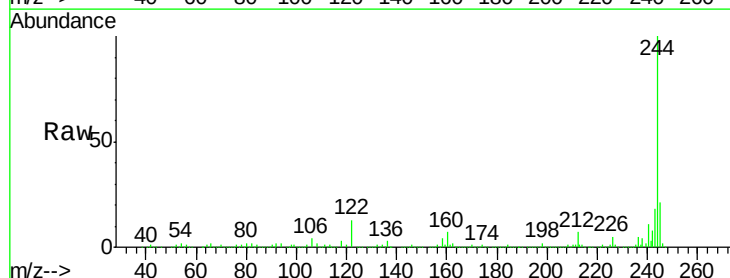
Tgt Ion:244 Resp: 2167568

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

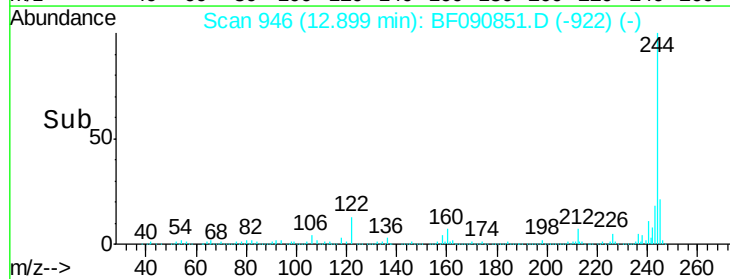
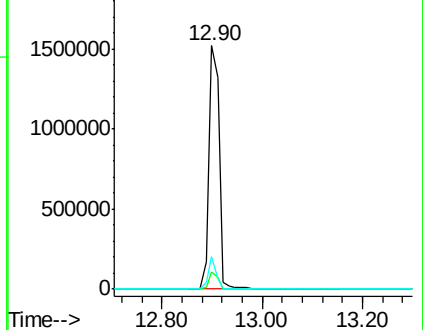
122 13.3 17.4 26.2#

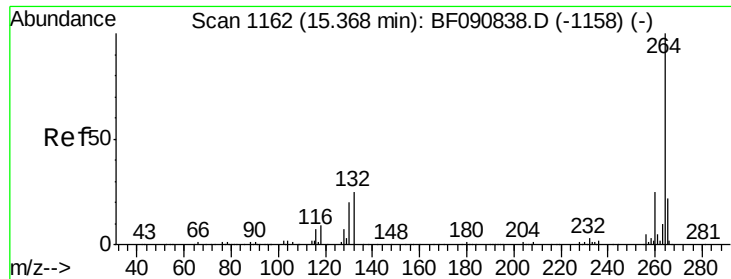


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

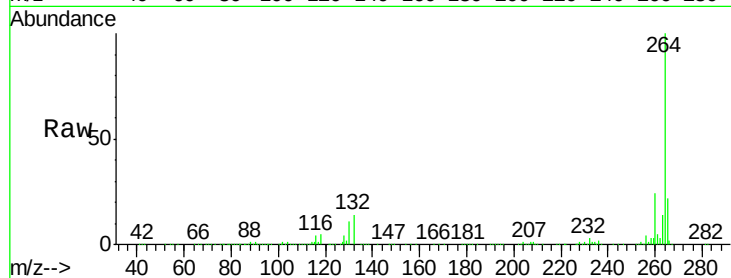




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090851.D
Acq: 26 Oct 2016 20:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion: 264 Resp: 449488
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.8 17.2 25.8



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

