

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099446.D
 Acq On : 13 Oct 2017 18:21
 Operator : SJ/JU
 Sample : I5713-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 22:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

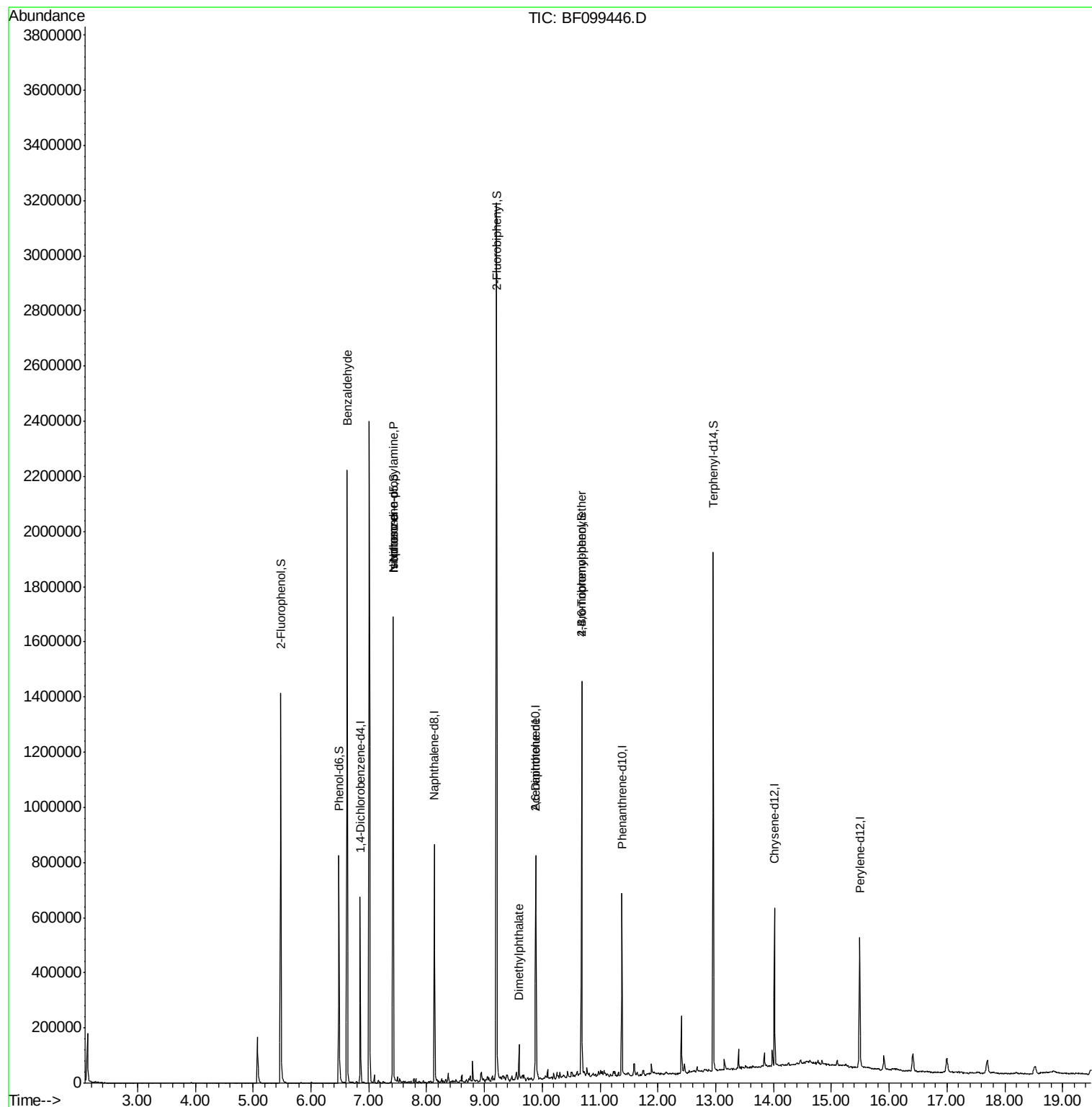
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94207	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	371071	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	149705	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	222634	20.00	ng	0.00
75) Chrysene-d12	14.02	240	179567	20.00	ng	0.00
86) Perylene-d12	15.49	264	195312	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410683	69.40	ng	0.00
7) Phenol-d6	6.48	99	297194	40.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	587232	101.49	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	165492	135.10	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1009025	112.52	ng	0.00
78) Terphenyl-d14	12.96	244	636998	80.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	13019	3.07	ng	# 83
19) n-Nitroso-di-n-propylamine	7.42	70	75504	16.20	ng	# 72
25) Isophorone	7.42	82	587224	49.09	ng	# 64
49) Dimethylphthalate	9.60	163	49337	4.37	ng	100
50) 2,6-Dinitrotoluene	9.89	165	19972	8.12	ng	# 27
66) 4-Bromophenyl-phenylether	10.68	248	11057	5.07	ng	# 1

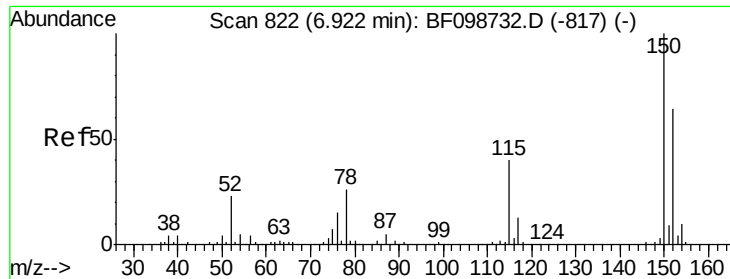
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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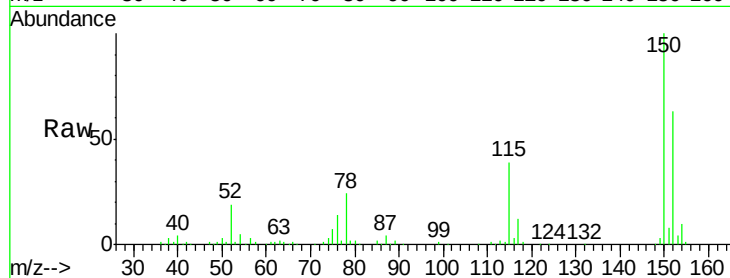


#1

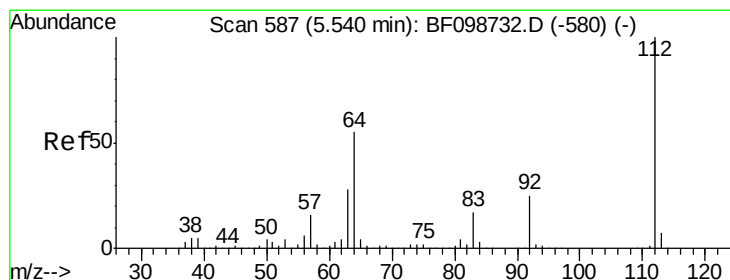
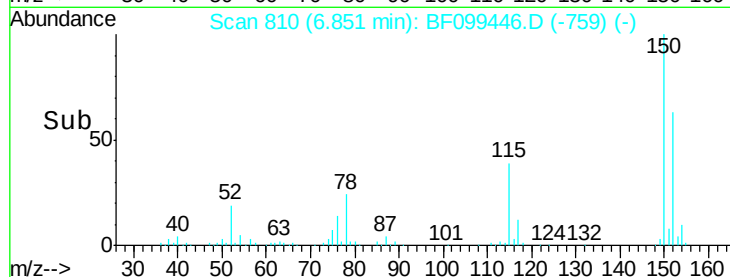
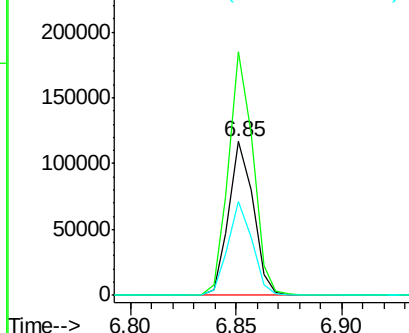
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.5	50.1	75.1



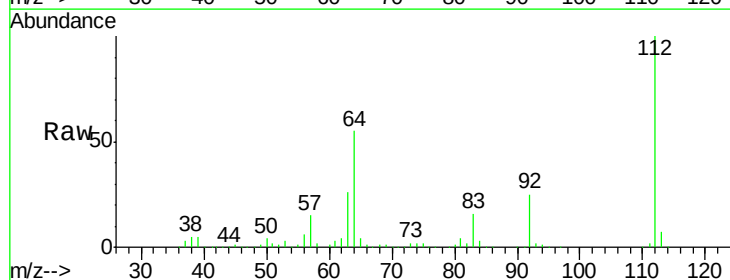
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



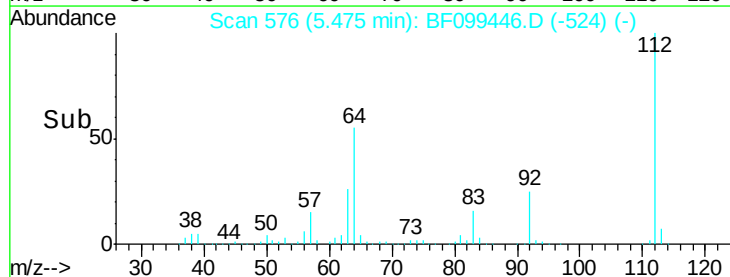
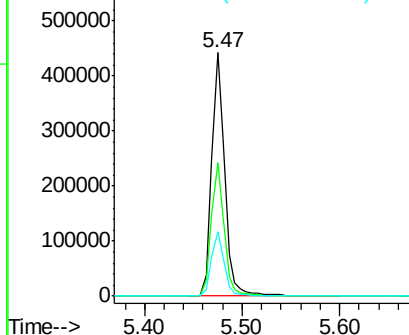
#5

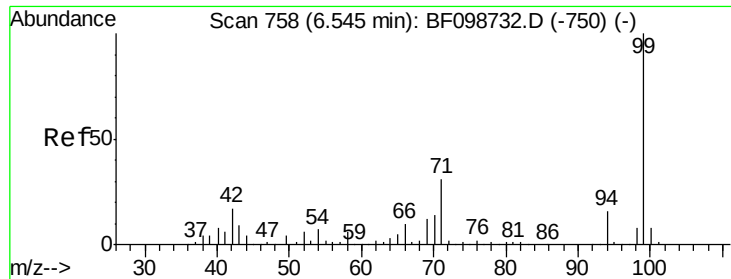
2-Fluorophenol
Concen: 69.40 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.5	23.7	35.5



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: 40.71 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

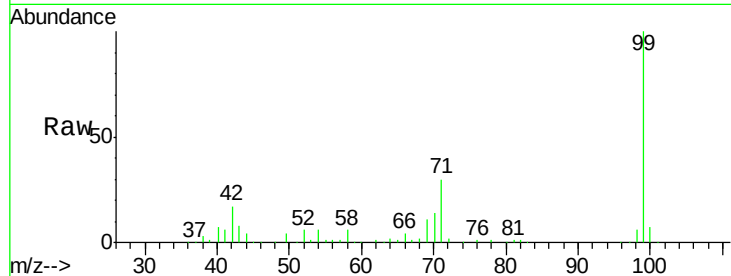
Tot Ion: 99 Resp: 297194

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

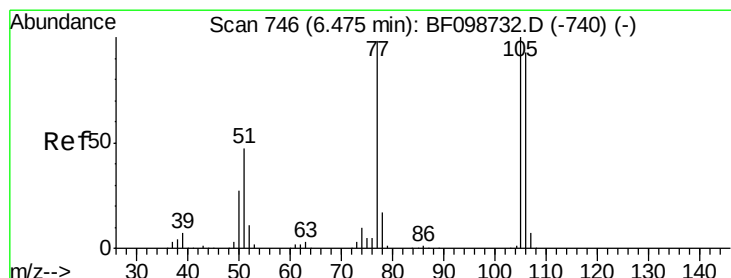
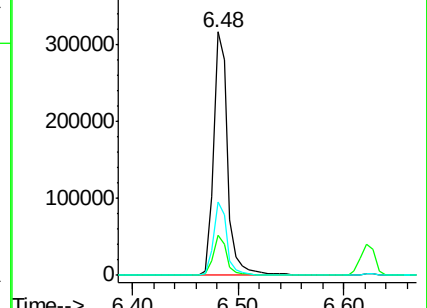
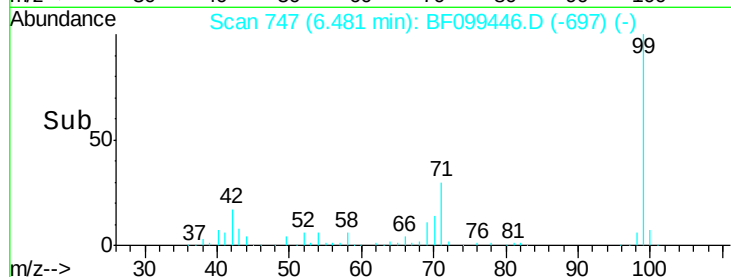
71 30.3 25.4 38.0



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: 3.07 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

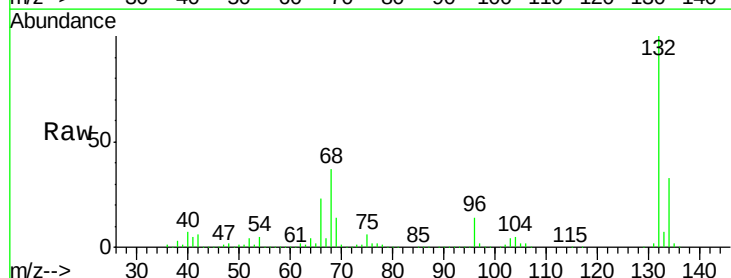
Tgt Ion: 77 Resp: 13019

Ion Ratio Lower Upper

77 100

105 81.0 81.1 121.1#

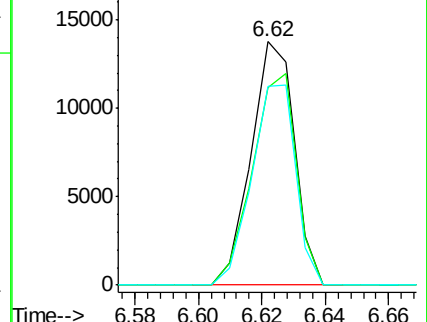
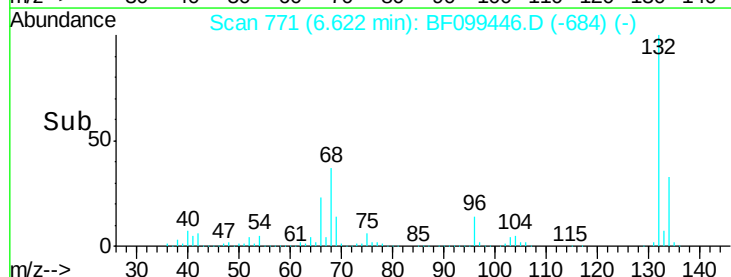
106 81.7 74.5 114.5

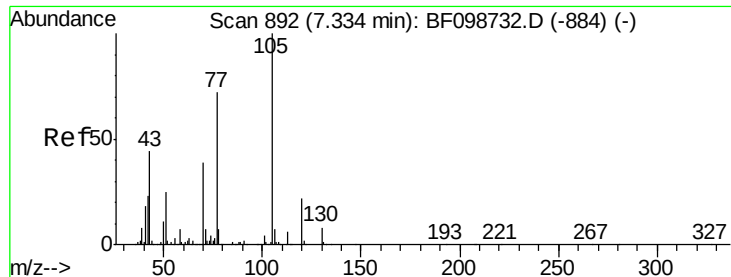


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.20 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 75504

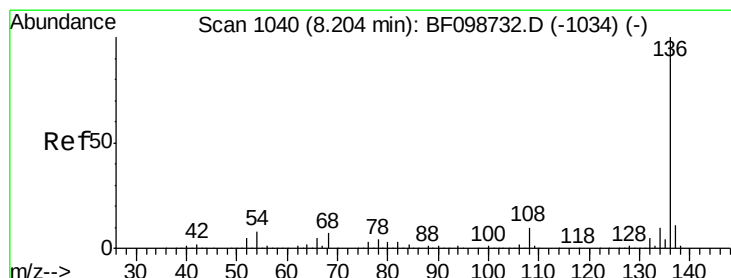
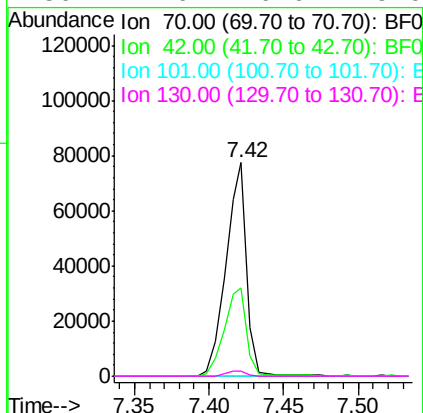
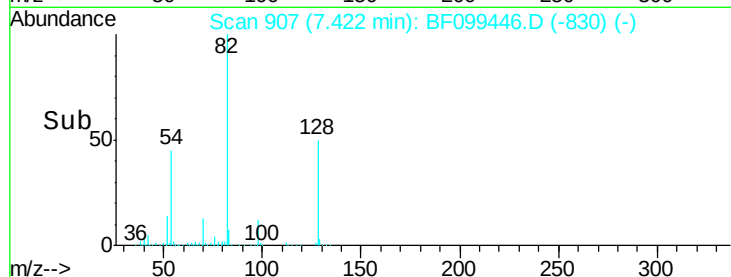
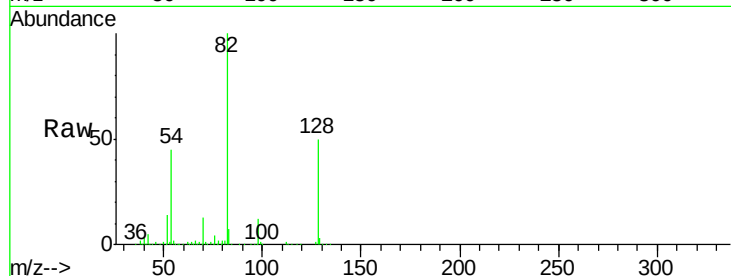
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Tgt Ion: 136 Resp: 371071

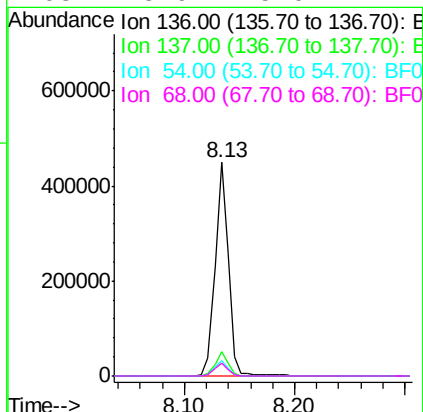
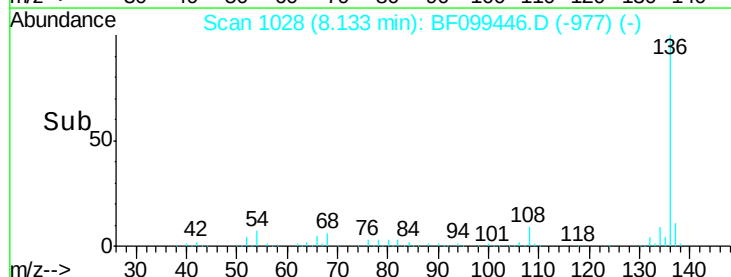
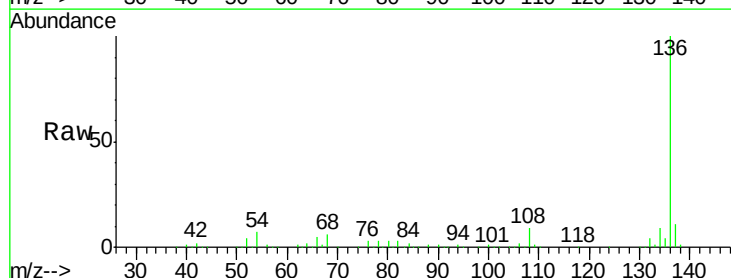
Ion Ratio Lower Upper

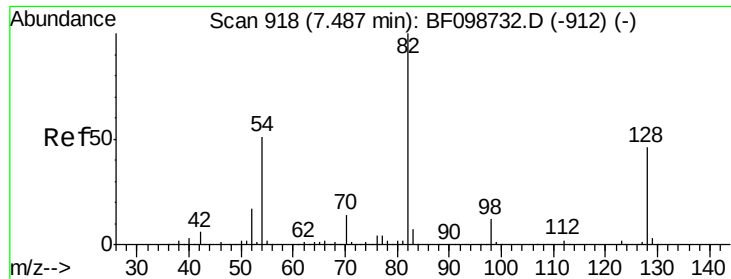
136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

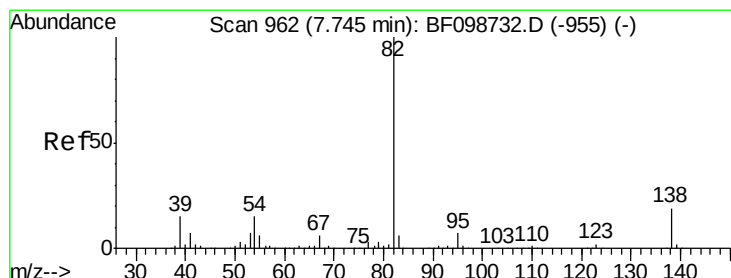
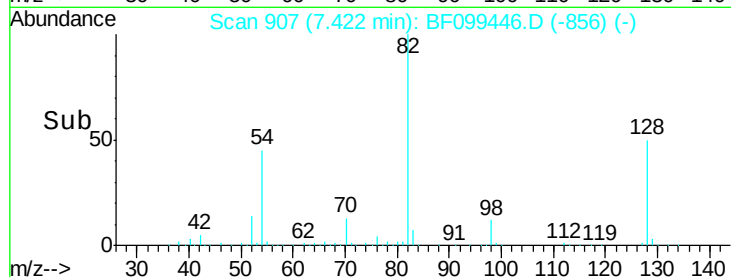
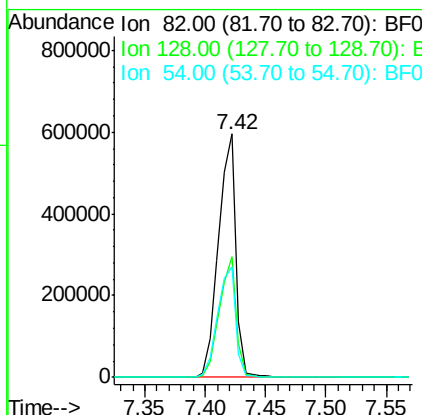
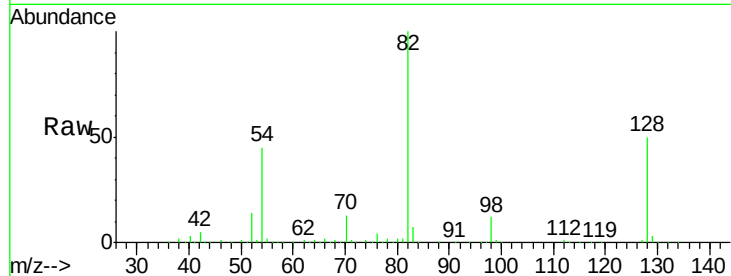




#23
Nitrobenzene-d5
Concen: 101.49 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

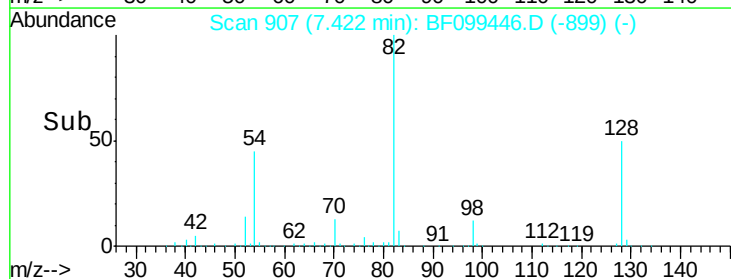
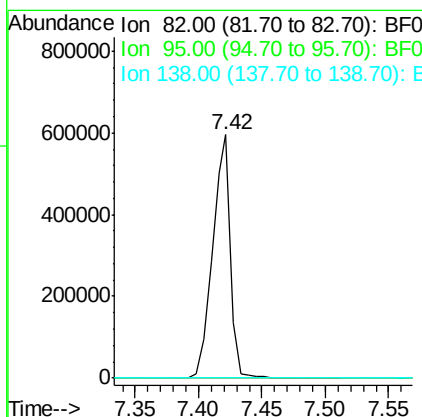
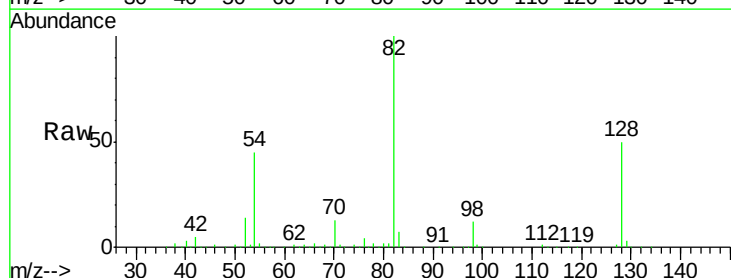
Instrument :
BNA_F
ClientSampleId :

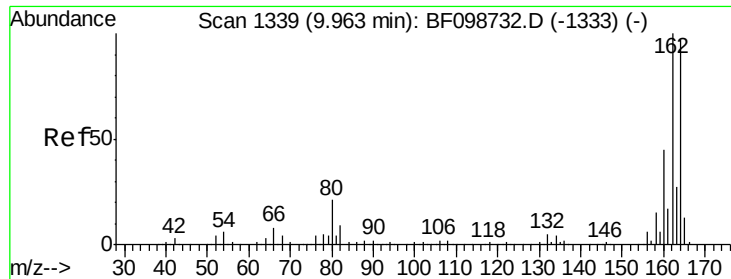
Tot Ion	82	Resp	587232
Ion Ratio	Lower	Upper	
82	100		
128	49.7	36.1	54.1
54	45.3	41.4	62.2



#25
Isophorone
Concen: 49.09 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

Tgt Ion	82	Resp	587224
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

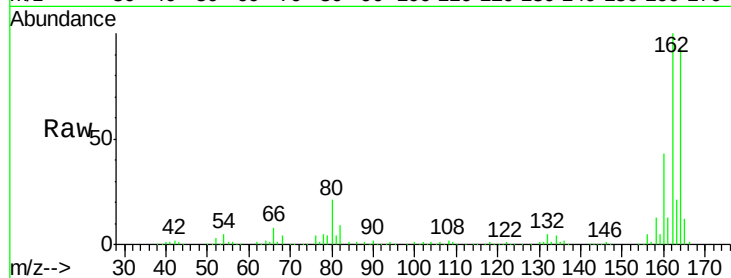
Tot Ion:164 Resp: 149705

Ion Ratio Lower Upper

164 100

162 107.4 86.1 129.1

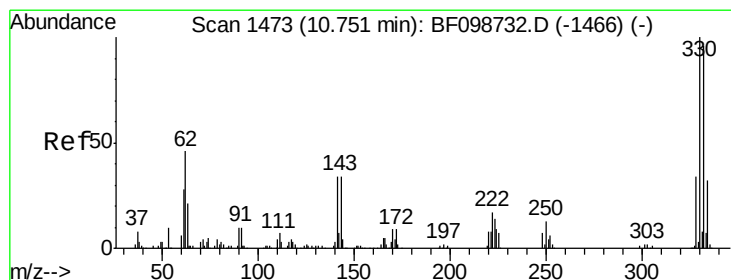
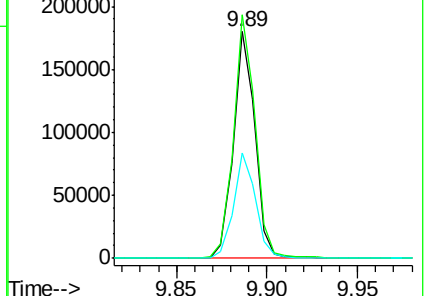
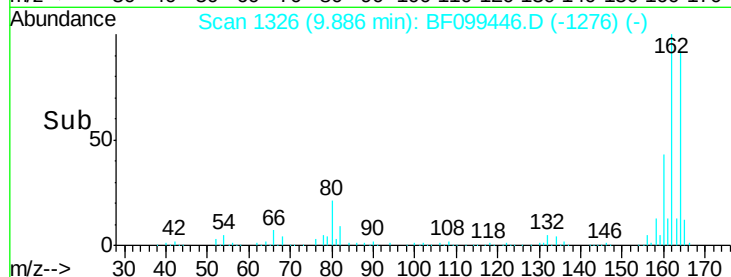
160 46.5 38.3 57.5



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: 135.10 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

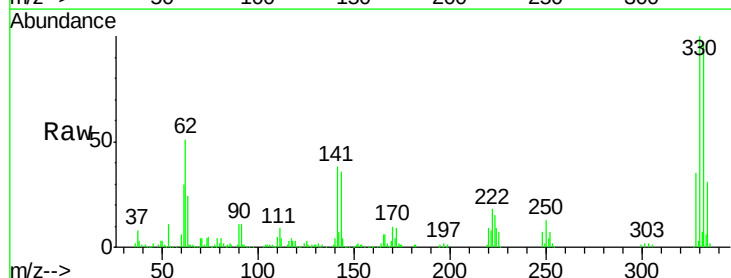
Tgt Ion:330 Resp: 165492

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

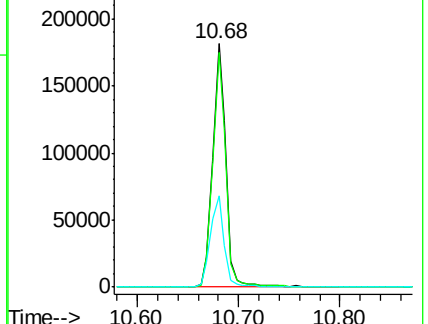
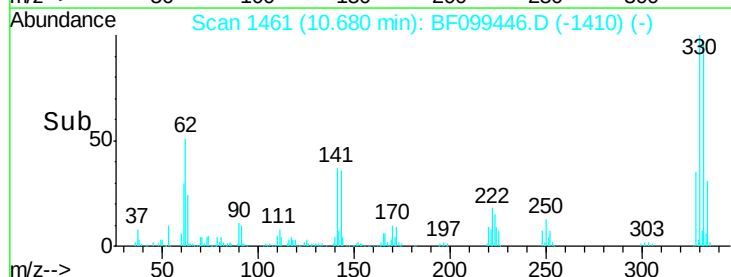
141 39.1 29.9 44.9

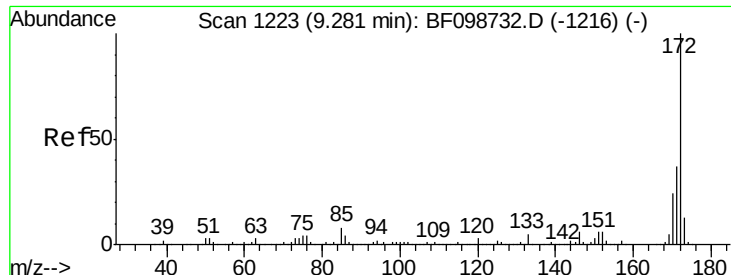


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

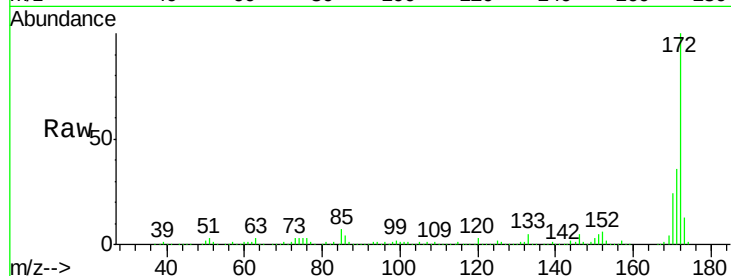




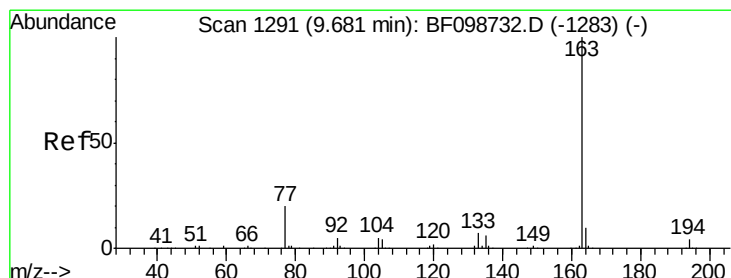
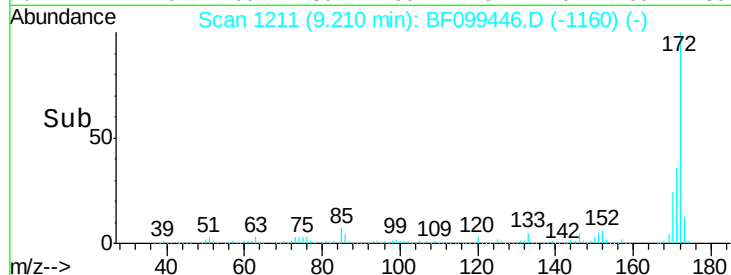
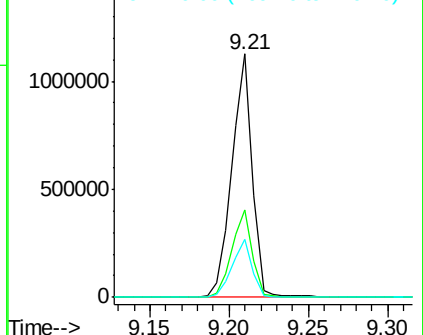
#44
2-Fluorobiphenyl
Concen: 112.52 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1009025
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

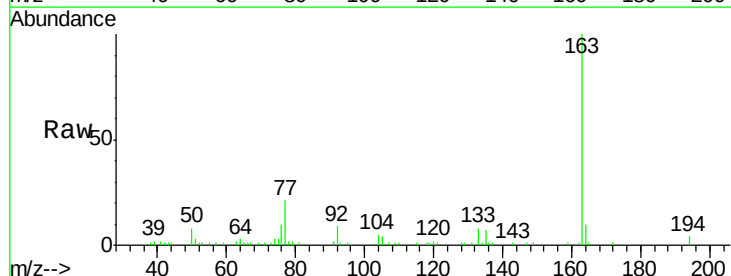


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

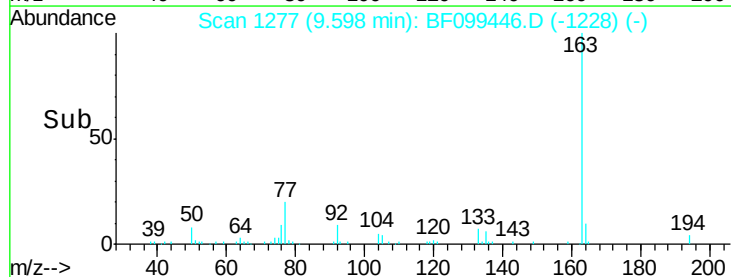
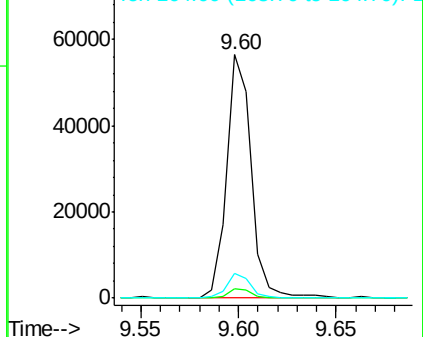


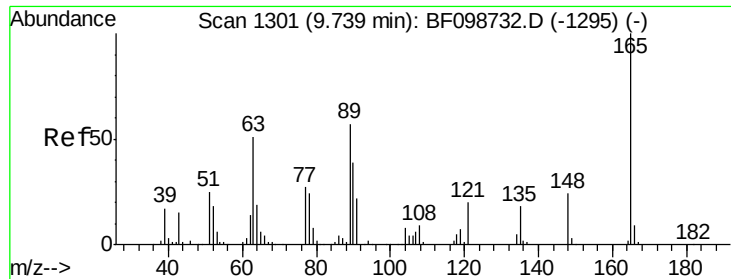
#49
Dimethylphthalate
Concen: 4.37 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099446.D
Acq: 13 Oct 2017 18:21

Tgt Ion:163 Resp: 49337
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



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: 8.12 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

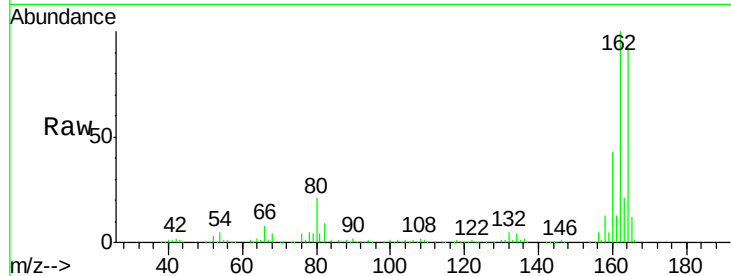
Tot Ion:165 Resp: 19972

Ion Ratio Lower Upper

165 100

63 2.2 44.7 67.1#

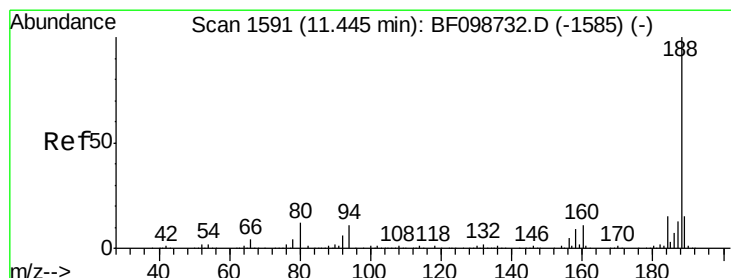
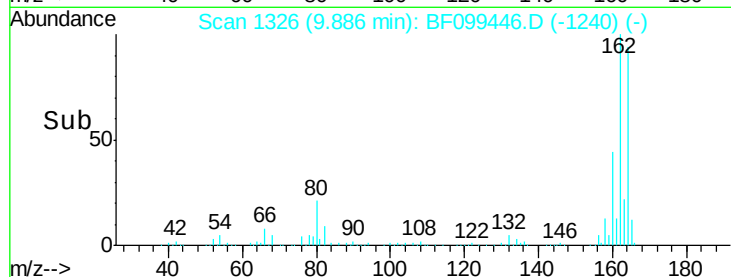
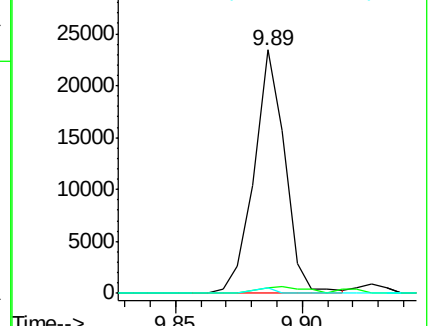
89 2.0 44.0 66.0#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

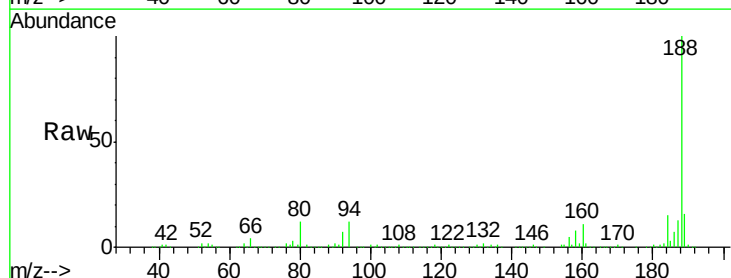
Tgt Ion:188 Resp: 222634

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

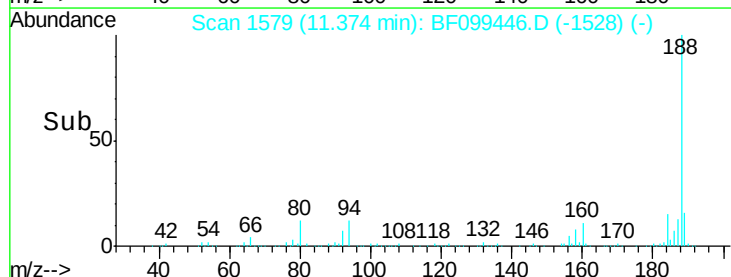
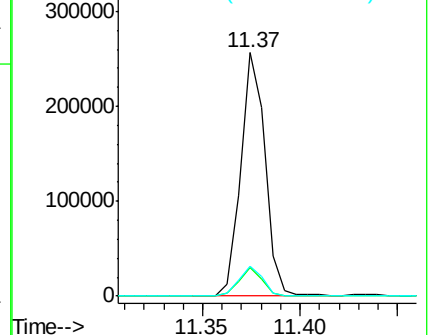
80 12.0 9.2 13.8

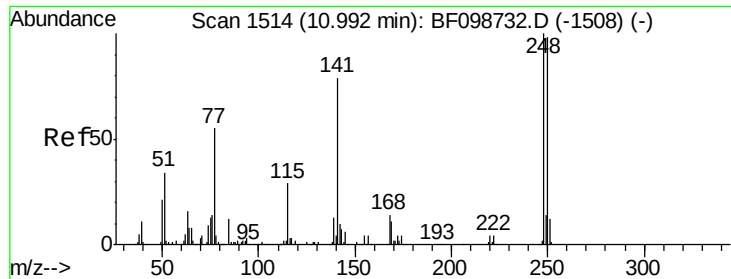


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

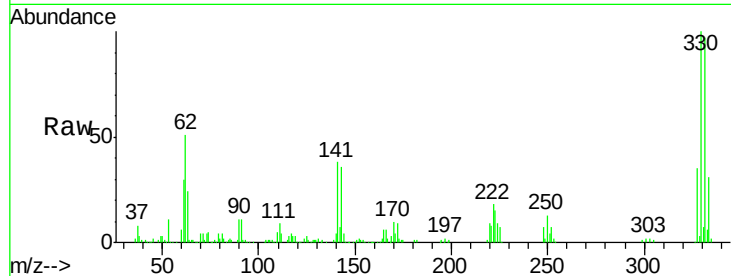




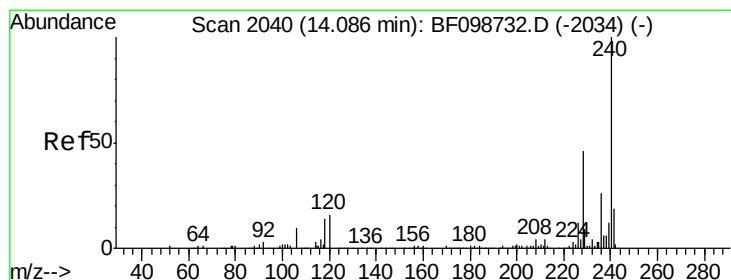
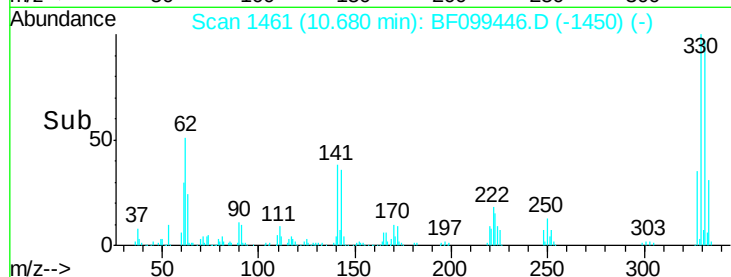
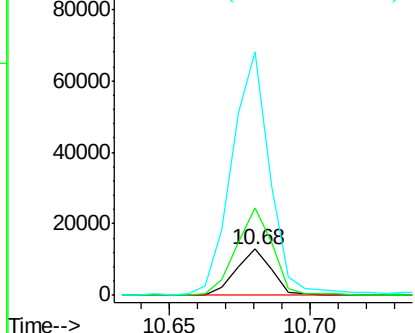
#66
 4-Bromophenyl-phenylether
 Concen: 5.07 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11057
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.9 115.3#
 141 530.8 74.4 111.6#

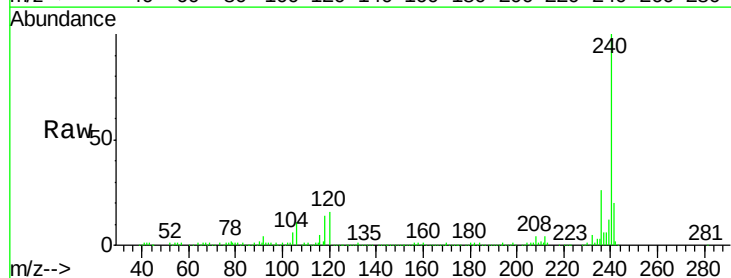


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

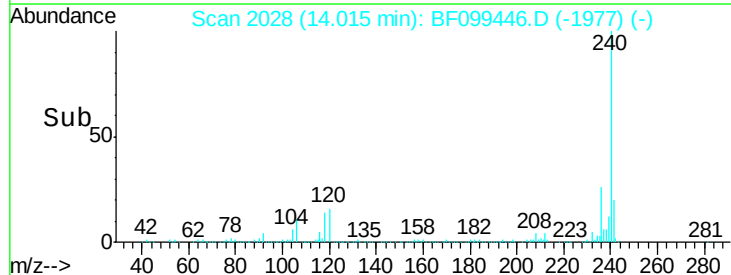
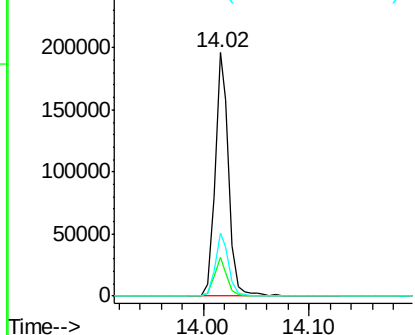


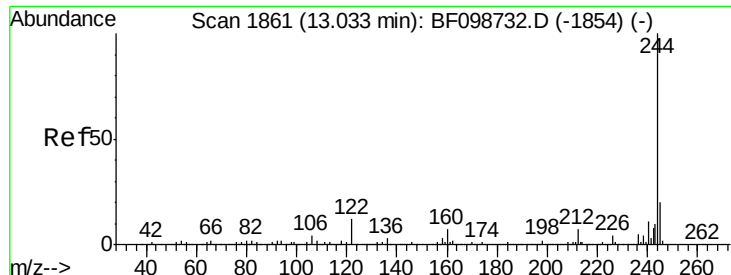
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Tgt Ion:240 Resp: 179567
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 25.7 20.7 31.1



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

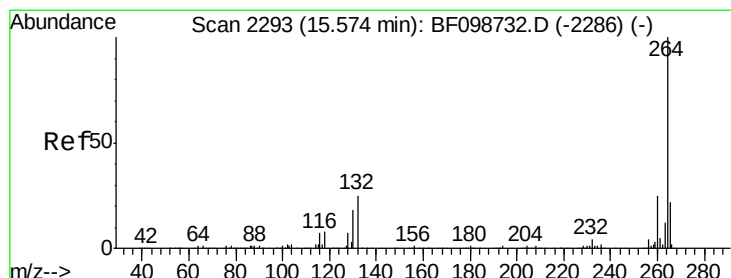
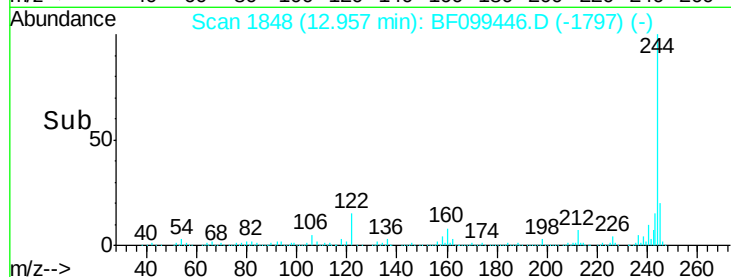
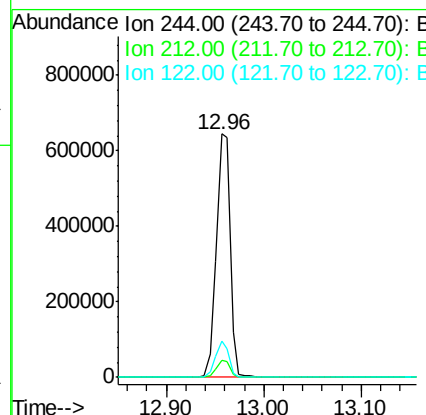
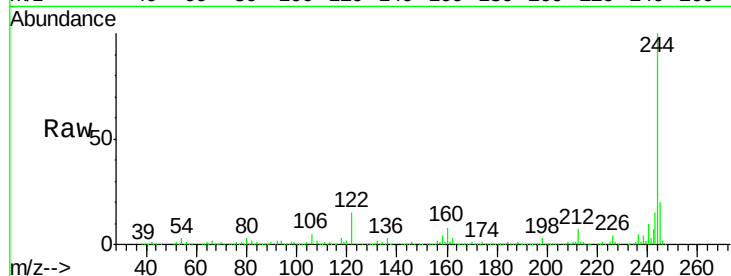




#78
 Terphenyl-d14
 Concen: 80.68 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 636998
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Tgt Ion:264 Resp: 195312
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.2 17.5 26.3

