

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099742.D
 Acq On : 21 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

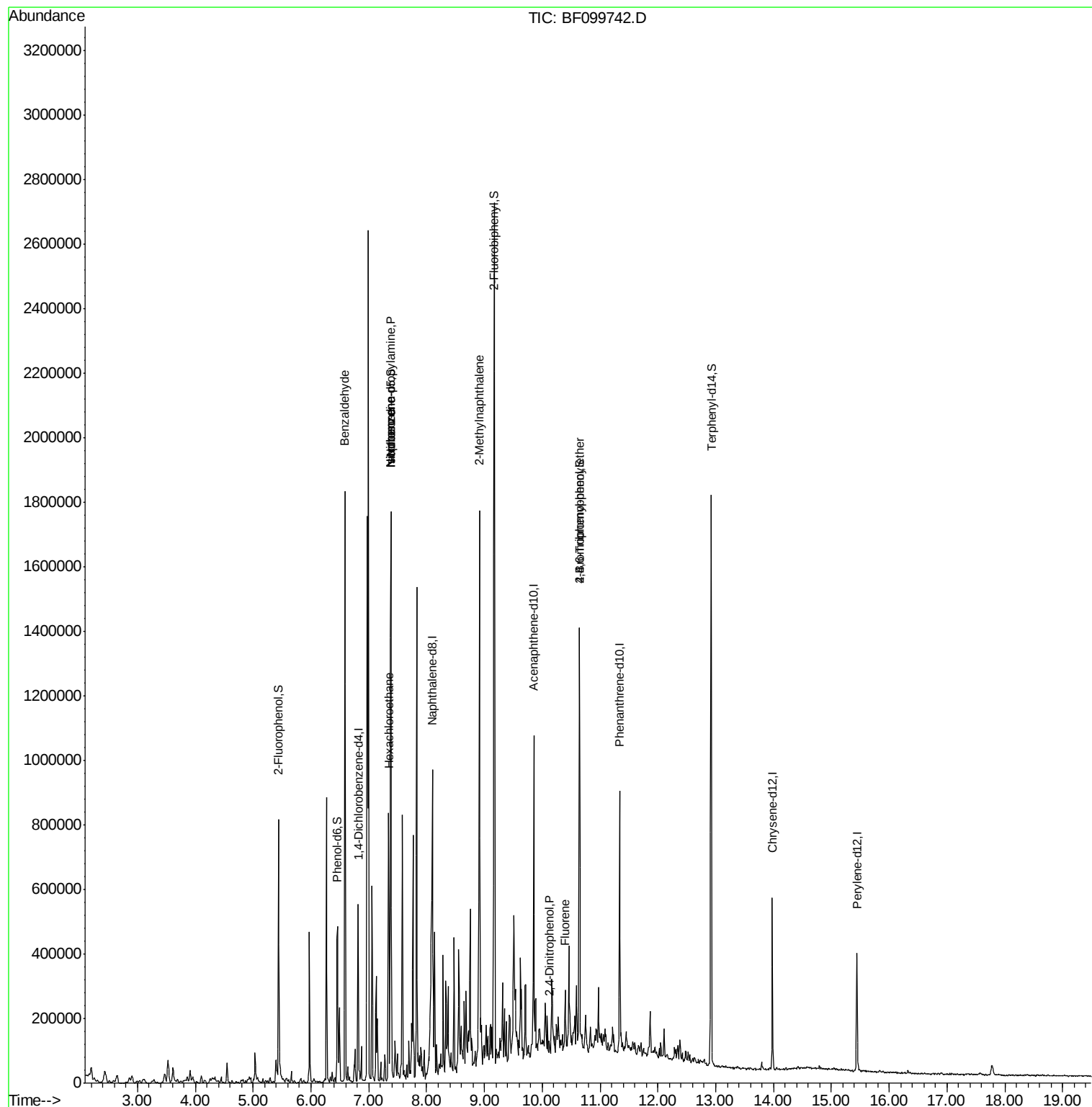
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92807	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	385533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179925	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	277161	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162113	20.00	ng	0.00
86) Perylene-d12	15.44	264	167679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	288482	49.48	ng	0.00
7) Phenol-d6	6.46	99	213271	29.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	443369	73.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	159931	108.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	931288	86.41	ng	0.00
78) Terphenyl-d14	12.92	244	582220	81.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	9808	2.351	ng	90
18) Hexachloroethane	7.34	117	103024	40.743	ng	# 29
19) n-Nitroso-di-n-propylamine	7.39	70	57373	12.495	ng	# 73
24) Nitrobenzene	7.37	77	17772	2.606	ng	# 1
25) Isophorone	7.39	82	443283	35.664	ng	# 64
37) 2-Methylnaphthalene	8.91	142	420847	35.753	ng	97
53) 2,4-Dinitrophenol	10.13	184	108	5.893	ng	# 1
57) Fluorene	10.40	166	46133	3.829	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	10684	3.938	ng	# 1

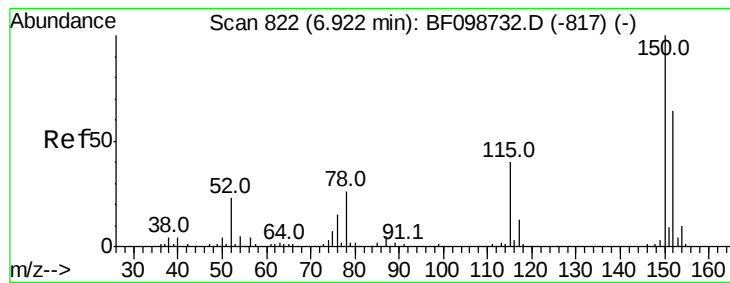
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 22 00:51:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration



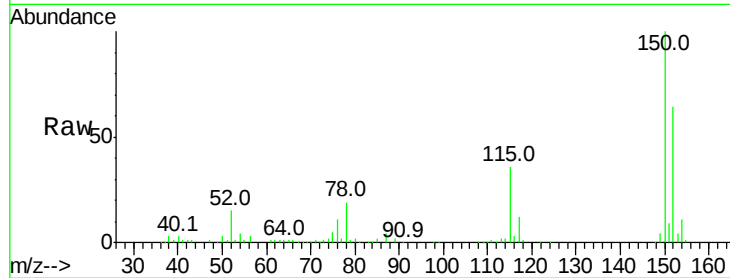


#1

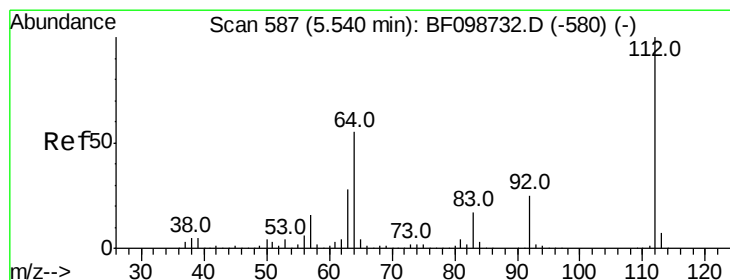
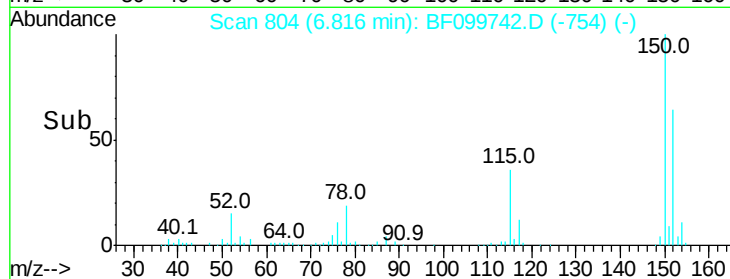
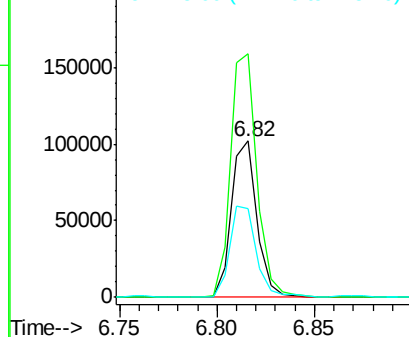
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92807
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.7 50.1 75.1



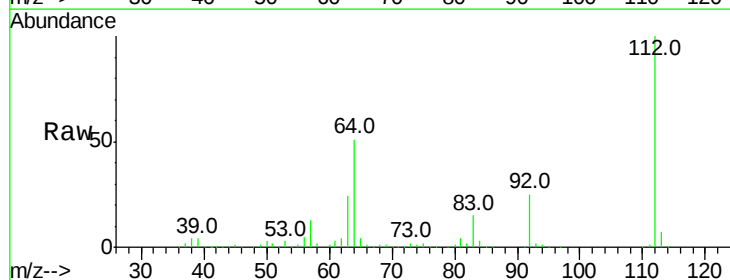
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



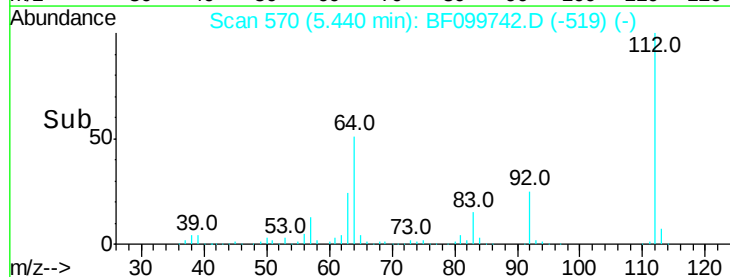
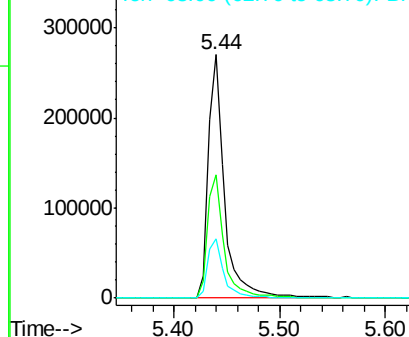
#5

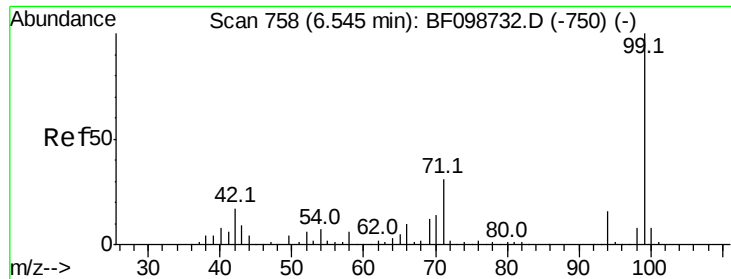
2-Fluorophenol
Concen: 49.483 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Tgt Ion:112 Resp: 288482
Ion Ratio Lower Upper
112 100
64 50.5 47.9 71.9
63 24.2 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: 29.654 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampled :

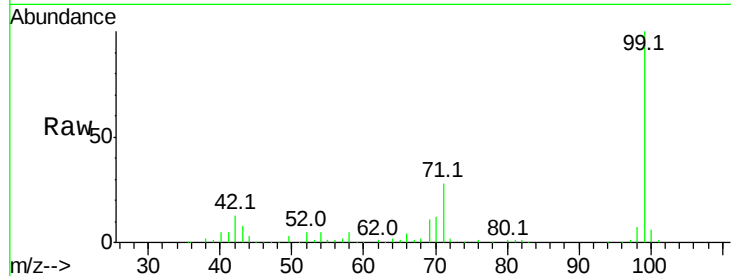
Tot Ion: 99 Resp: 213271

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

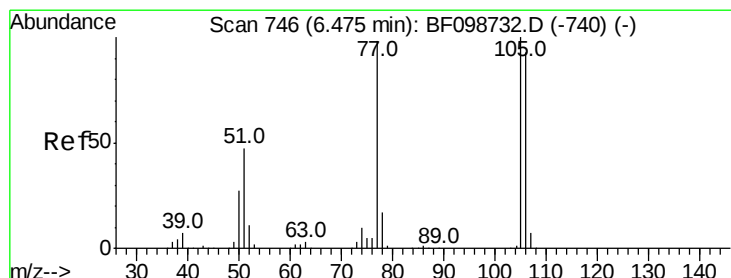
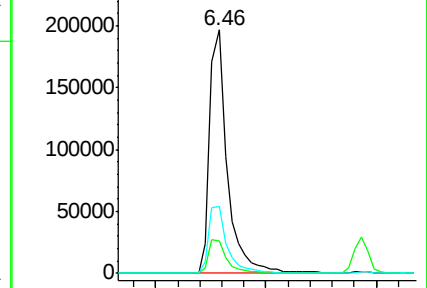
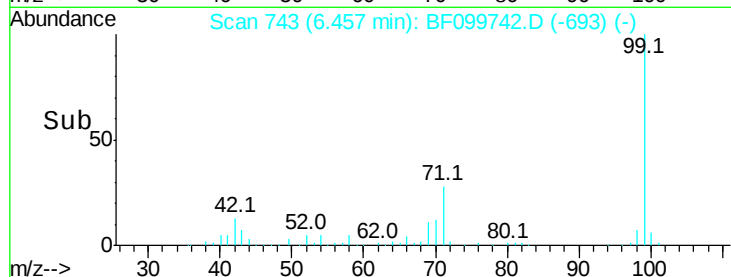
71 27.6 25.4 38.0



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: 2.351 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

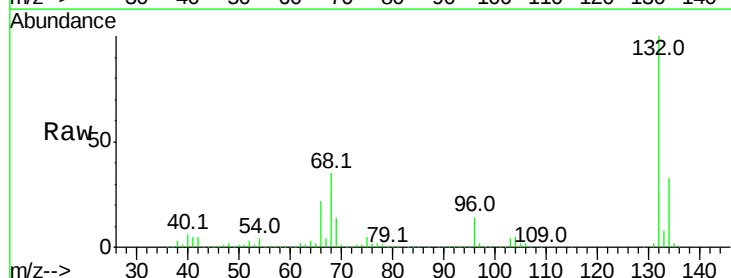
Tgt Ion: 77 Resp: 9808

Ion Ratio Lower Upper

77 100

105 88.0 81.1 121.1

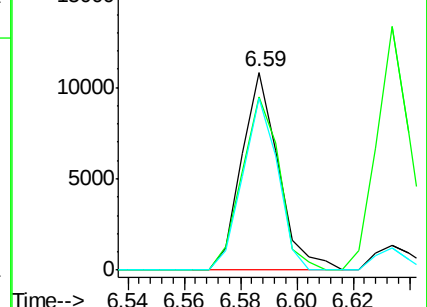
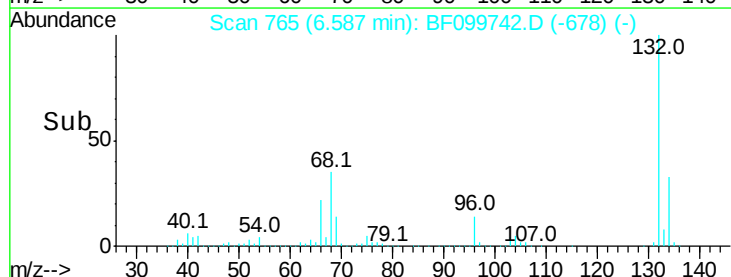
106 87.2 74.5 114.5

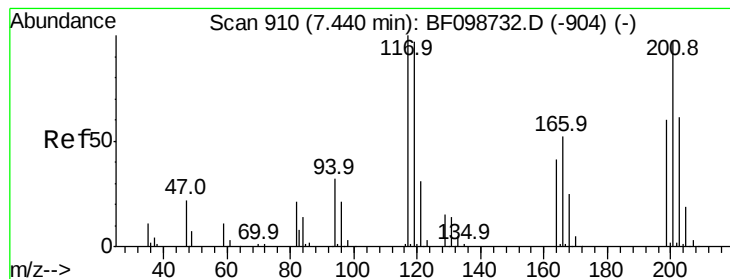


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 40.743 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampleId :

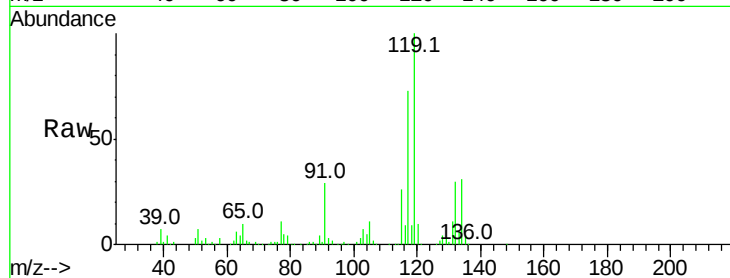
Tot Ion:117 Resp: 103024

Ion Ratio Lower Upper

117 100

119 137.8 75.8 113.8#

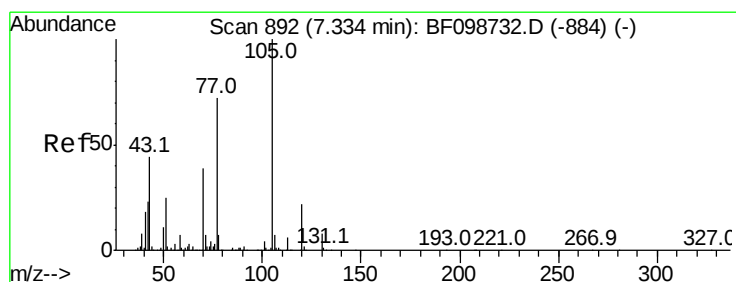
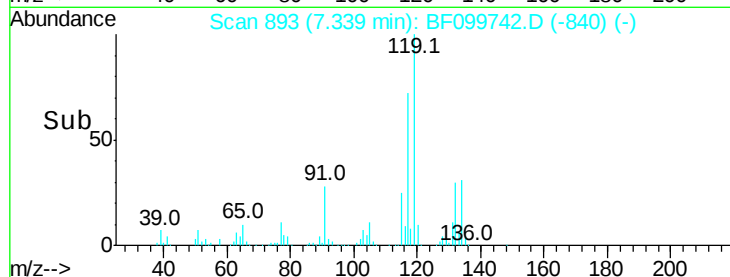
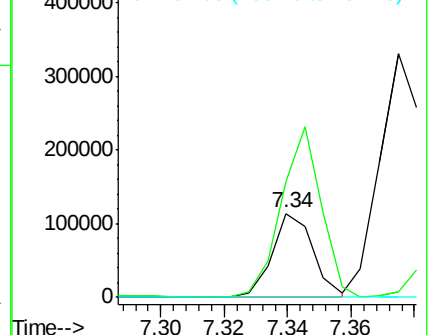
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.495 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Tgt Ion: 70 Resp: 57373

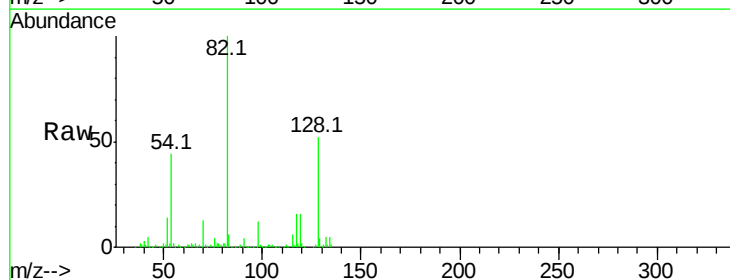
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.5 7.4 11.2#

130 3.4 16.6 25.0#

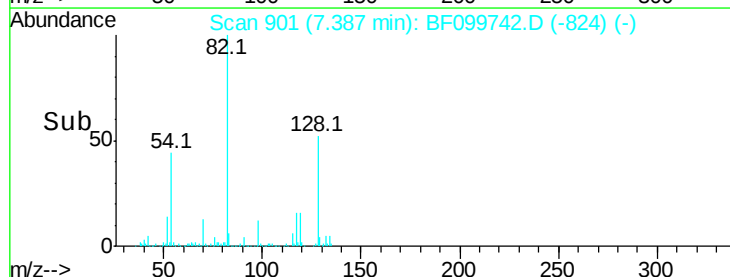
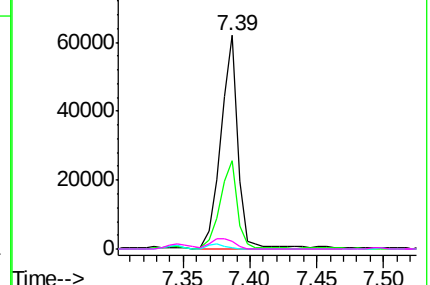


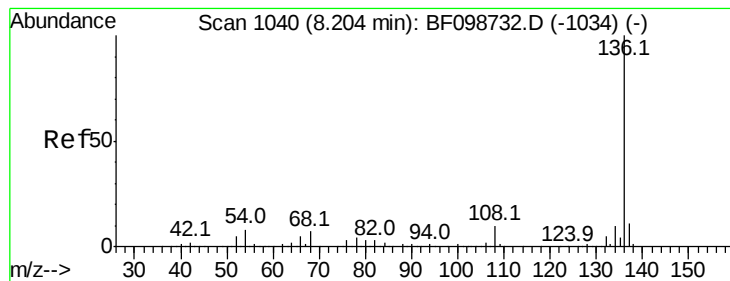
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 385533

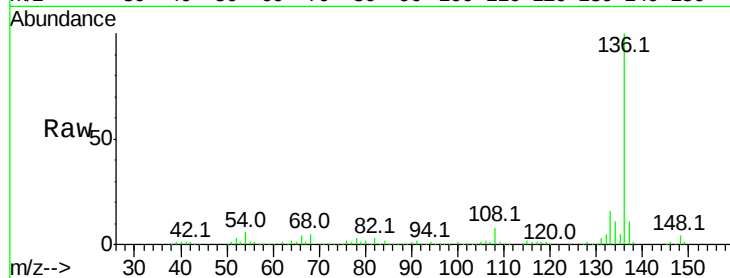
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.2 5.0 7.4

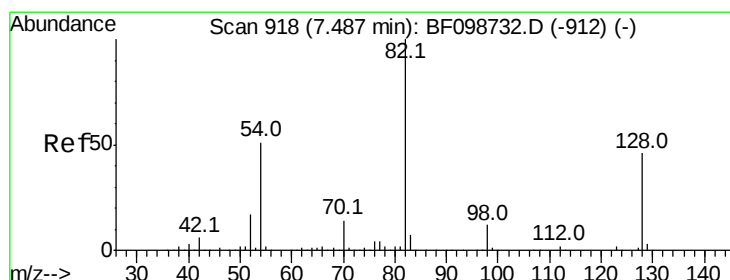
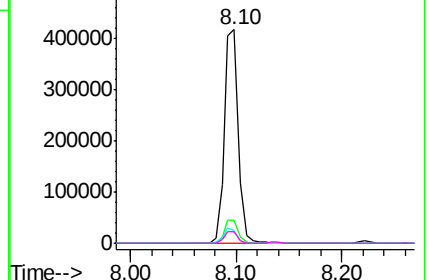
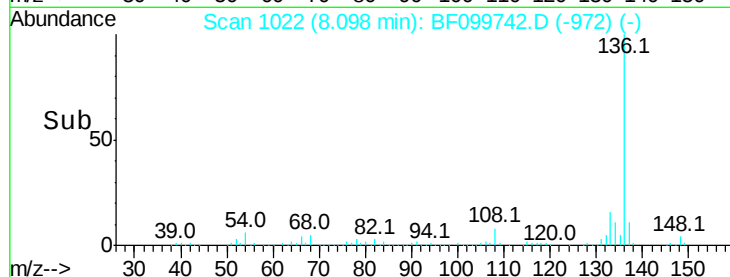


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.751 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

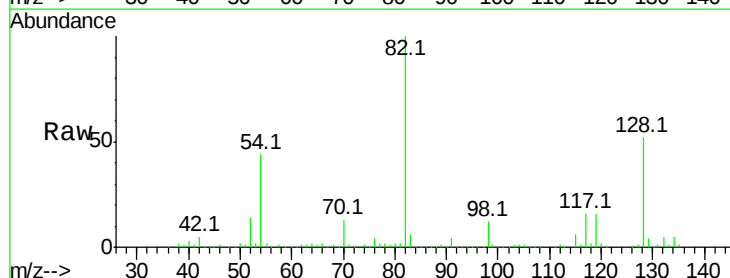
Tgt Ion: 82 Resp: 443369

Ion Ratio Lower Upper

82 100

128 51.7 36.1 54.1

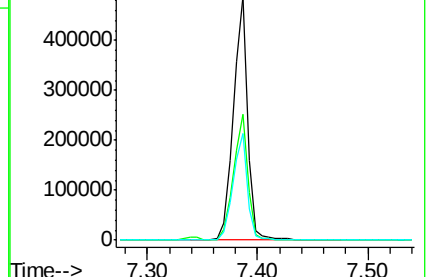
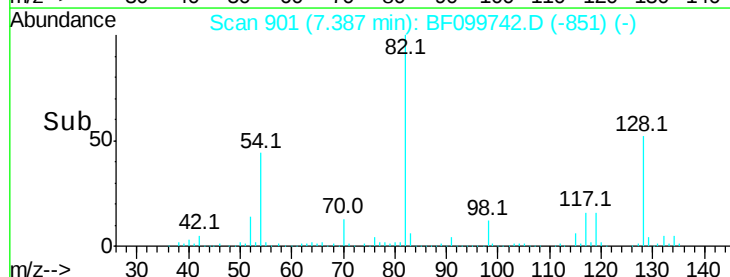
54 43.9 41.4 62.2

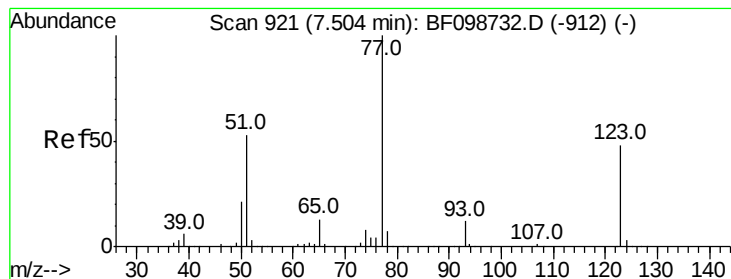


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.606 ng

RT: 7.37 min Scan# 899

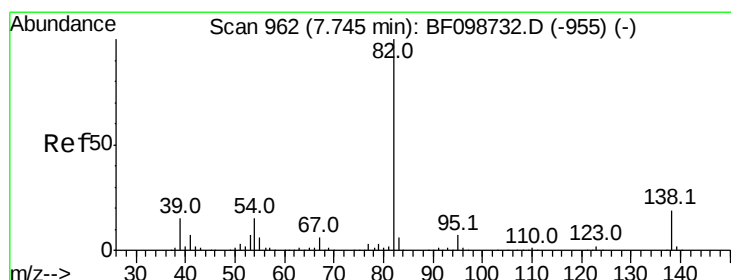
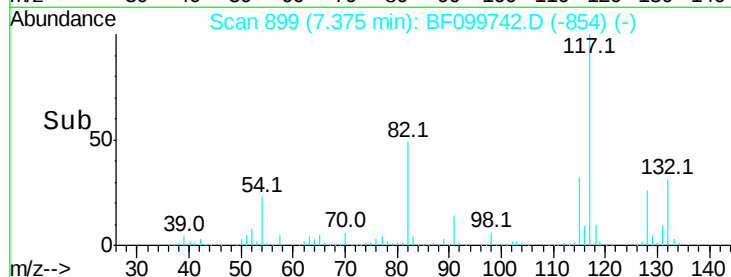
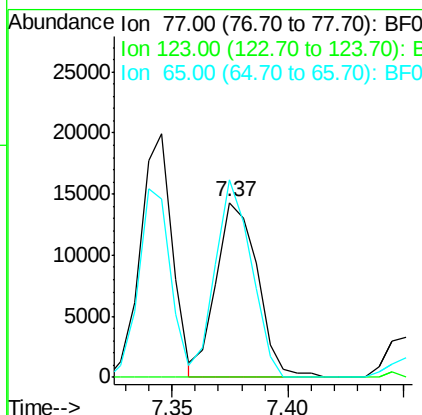
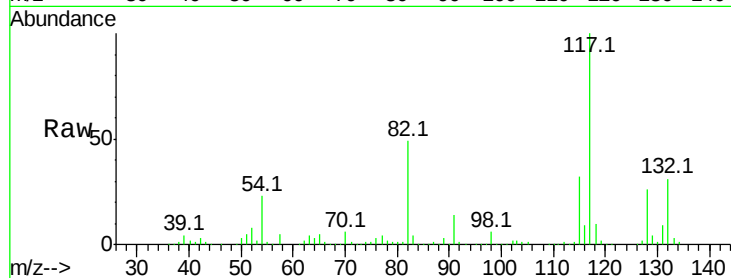
Delta R.T. -0.04 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	17772
Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	113.3	11.0	16.4#



#25

Isophorone

Concen: 35.664 ng

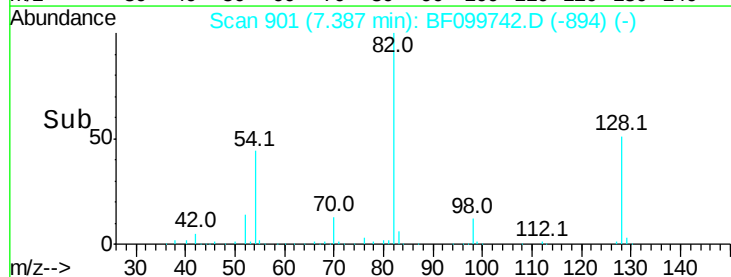
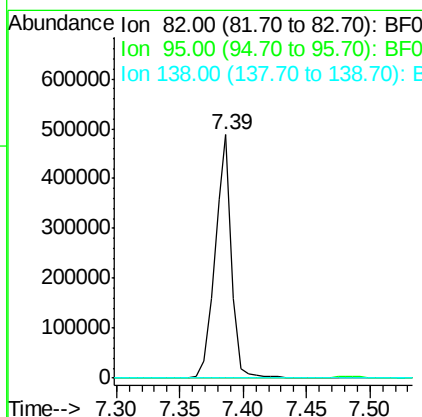
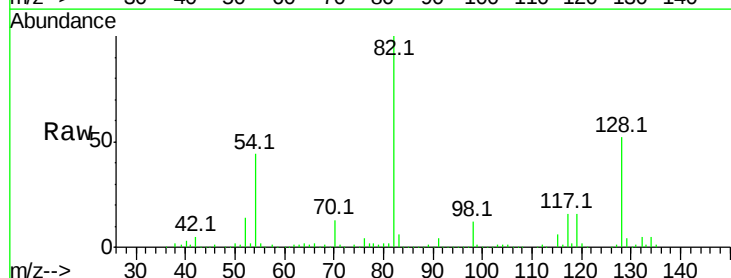
RT: 7.39 min Scan# 901

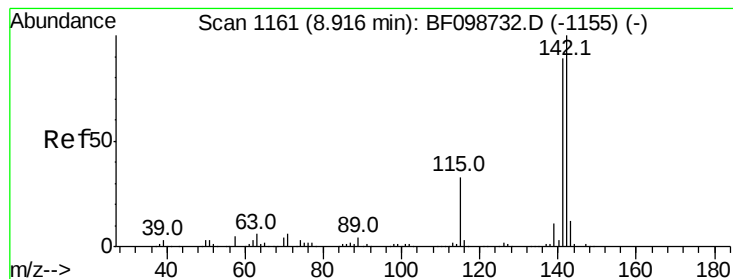
Delta R.T. -0.26 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Tgt Ion:	82	Resp:	443283
Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

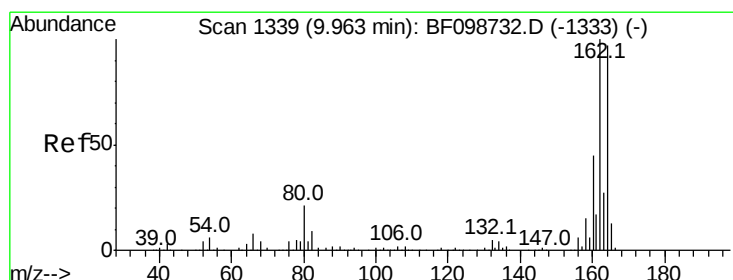
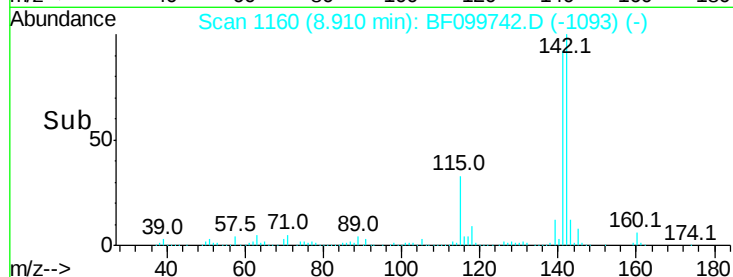
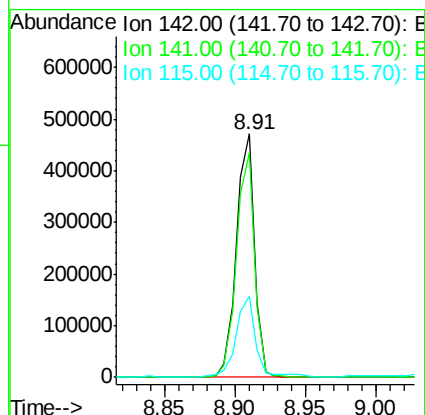
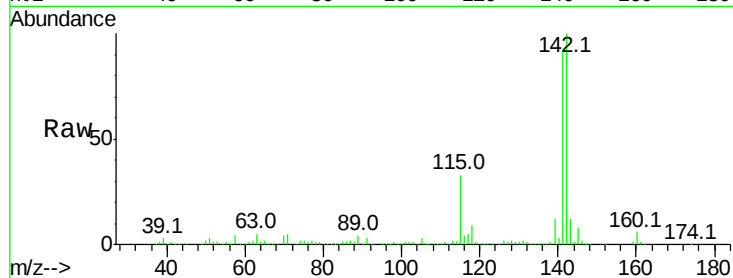




#37
2-Methylnaphthalene
Concen: 35.753 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.09 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

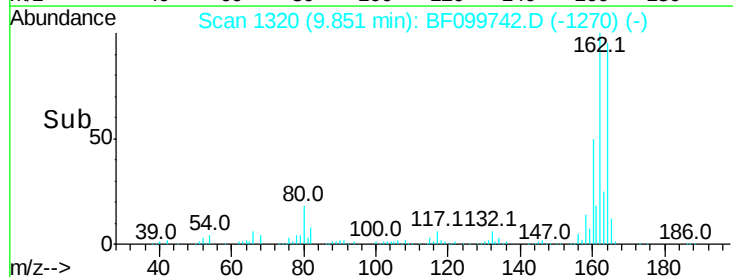
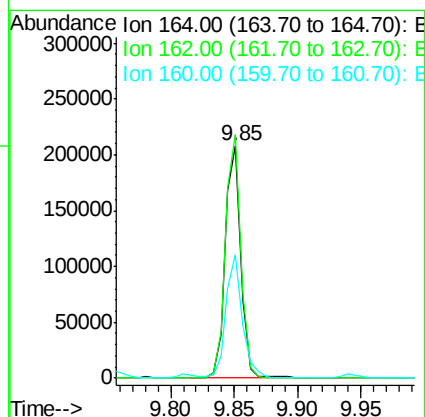
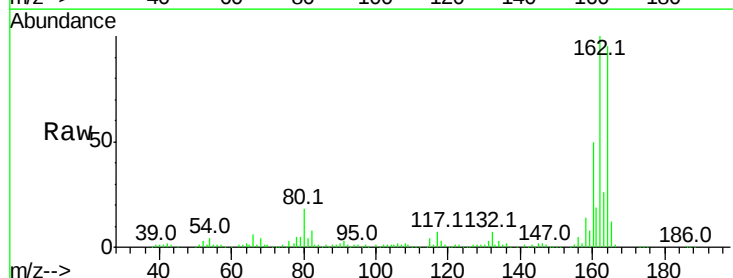
Instrument :
BNA_F
ClientSampleId :

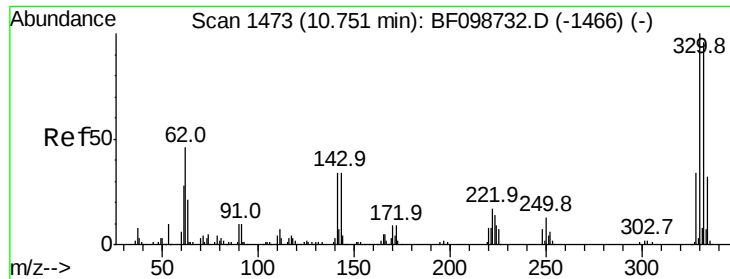
Tot Ion:142 Resp: 420847
Ion Ratio Lower Upper
142 100
141 92.2 70.8 106.2
115 33.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Tgt Ion:164 Resp: 179925
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 52.8 38.3 57.5

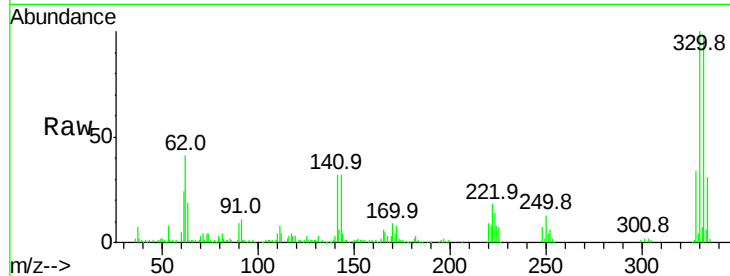




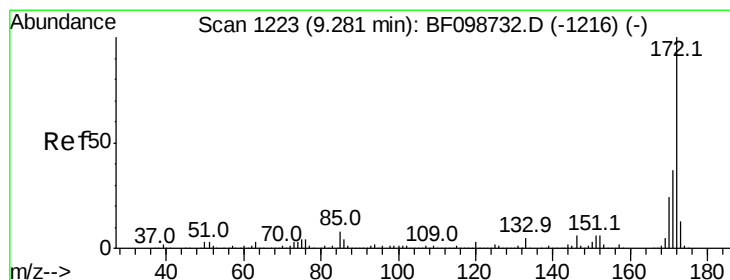
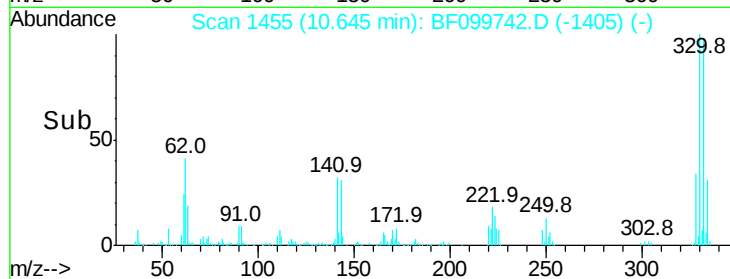
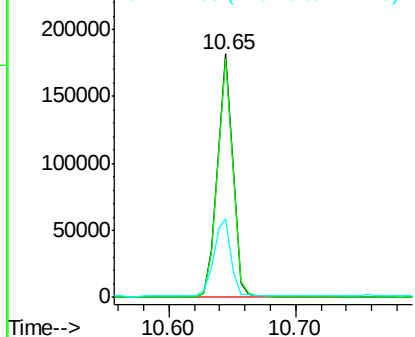
#41
 2,4,6-Tribromophenol
 Concen: 108.629 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	35.4	29.9	44.9

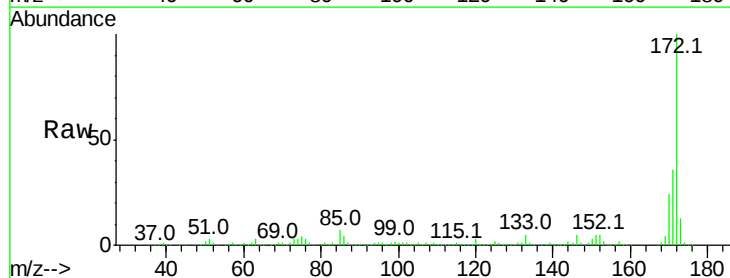


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

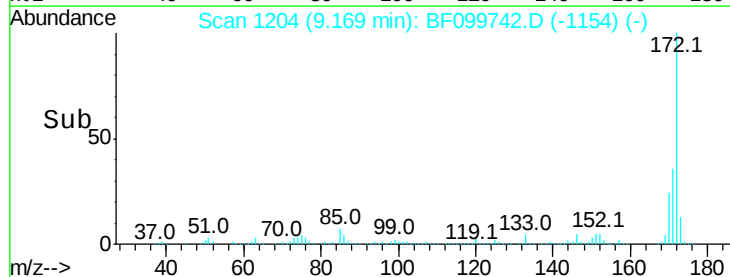
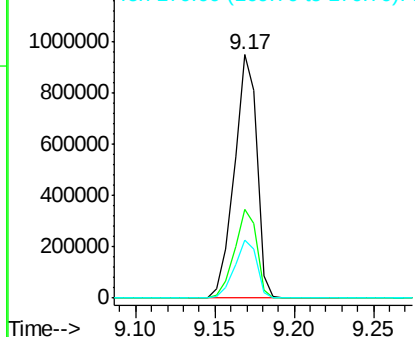


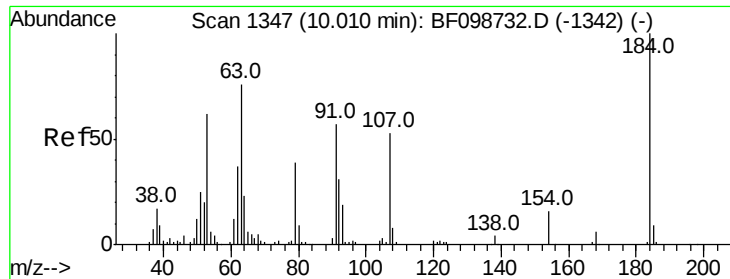
#44
 2-Fluorobiphenyl
 Concen: 86.409 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	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

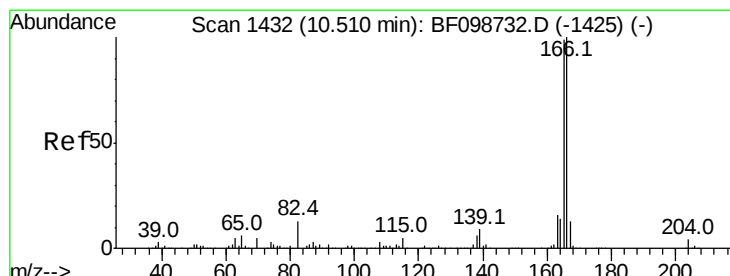
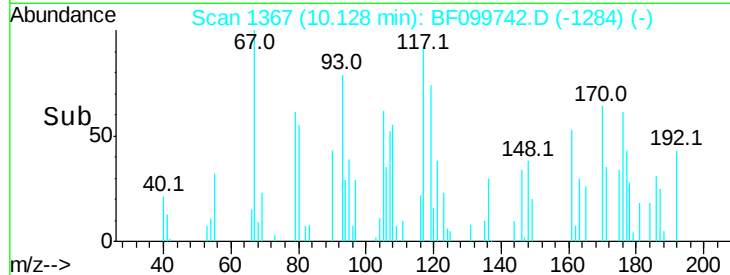
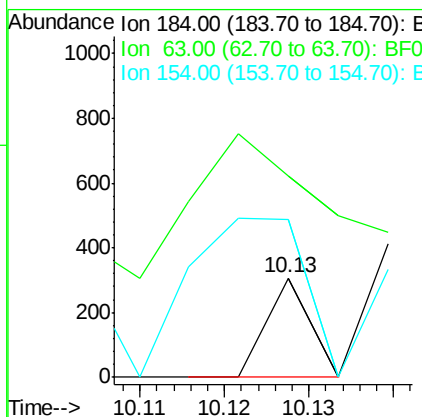
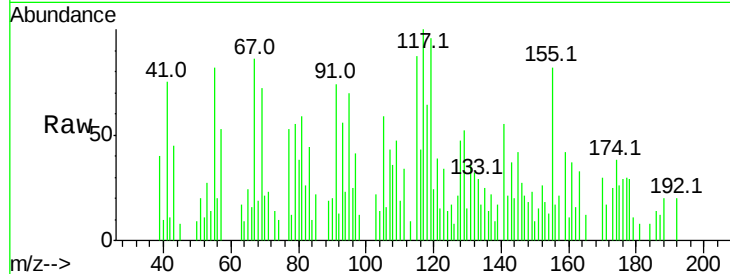




#53
 2,4-Dinitrophenol
 Concen: 5.893 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.19 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

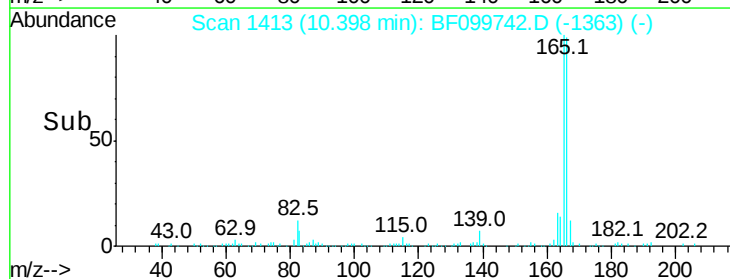
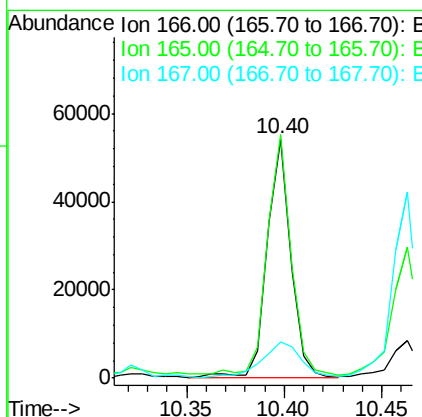
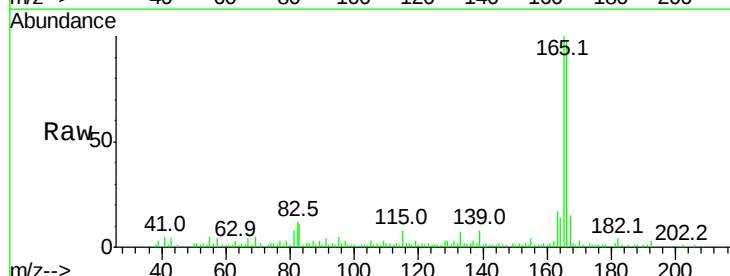
Instrument :
 BNA_F
 ClientSampled :

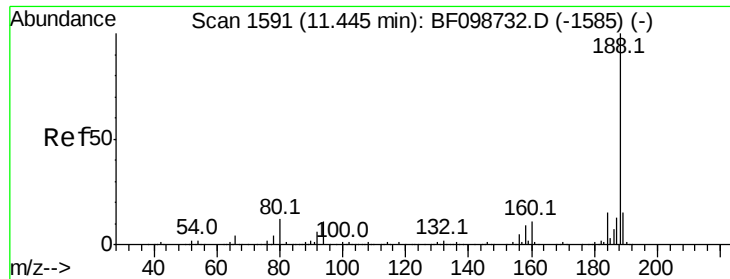
Tot Ion:184	Resp:	108
Ion Ratio	Lower	Upper
184 100		
63 202.9	54.2	81.2#
154 159.3	53.5	80.3#



#57
 Fluorene
 Concen: 3.829 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion:166	Resp:	46133
Ion Ratio	Lower	Upper
166 100		
165 101.9	79.8	119.8
167 15.2	10.6	16.0

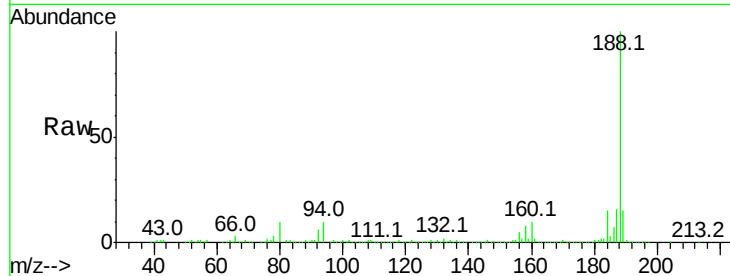




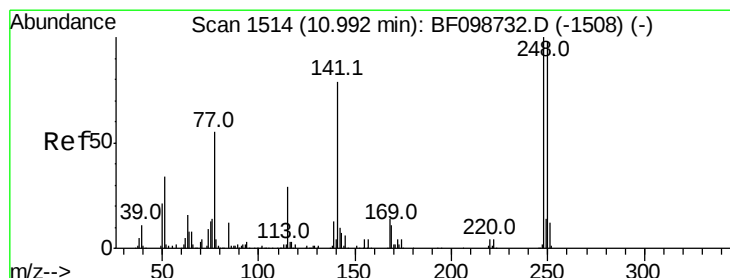
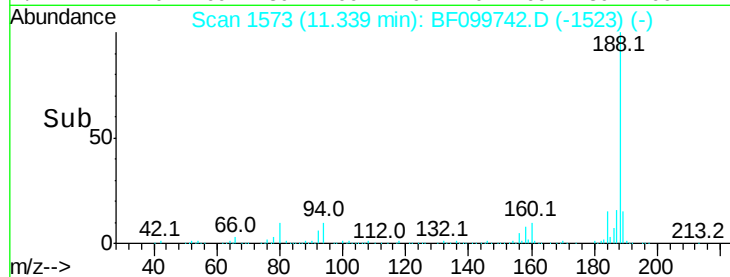
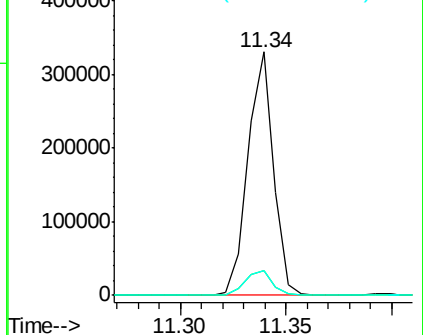
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 277161
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.2 9.2 13.8

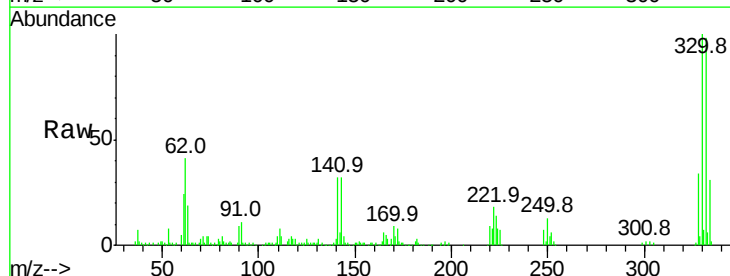


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

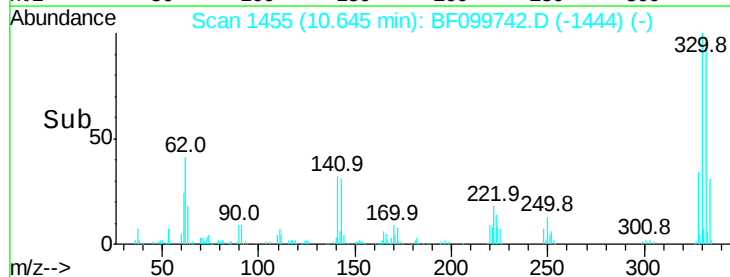
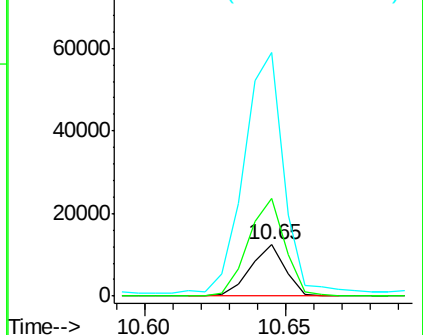


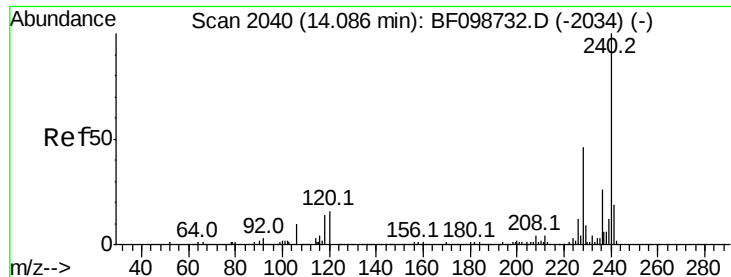
#66
 4-Bromophenyl-phenylether
 Concen: 3.938 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF099742.D
 Acq: 21 Oct 2017 21:54

Tgt Ion:248 Resp: 10684
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 477.3 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: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

Instrument :

BNA_F

ClientSampleId :

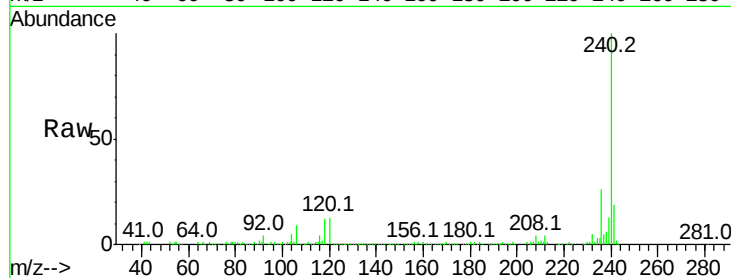
Tot Ion:240 Resp: 162113

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

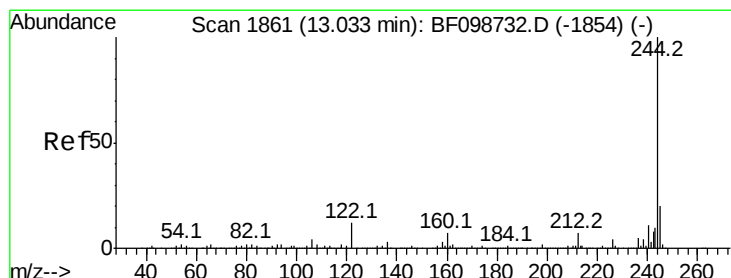
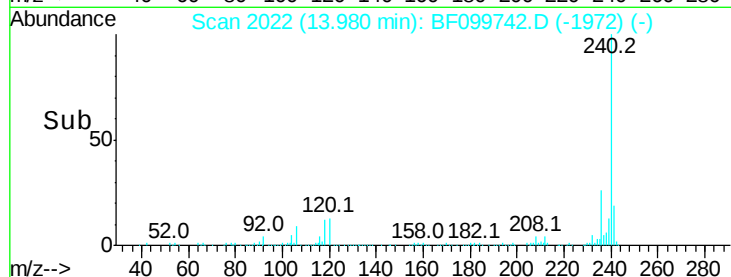
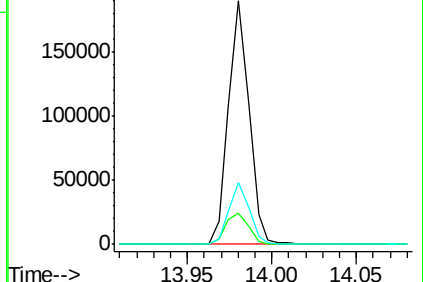
236 25.6 20.7 31.1



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: 81.677 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099742.D

Acq: 21 Oct 2017 21:54

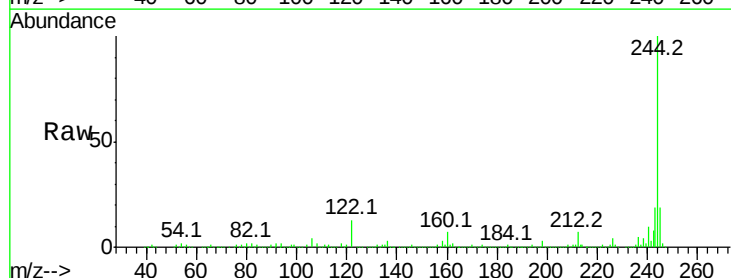
Tgt Ion:244 Resp: 582220

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

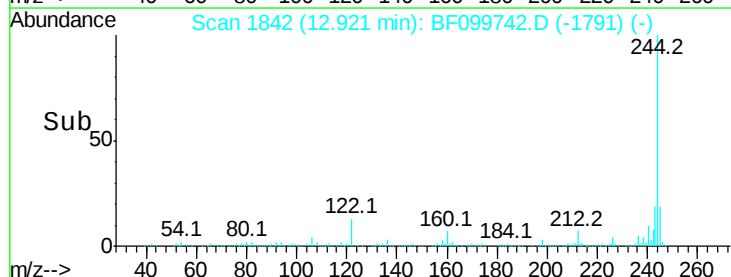
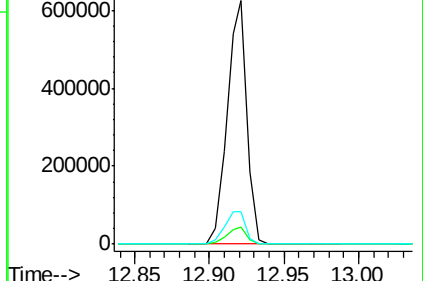
122 13.2 11.0 16.4

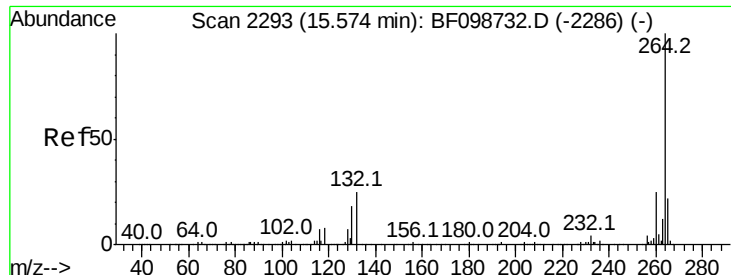


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

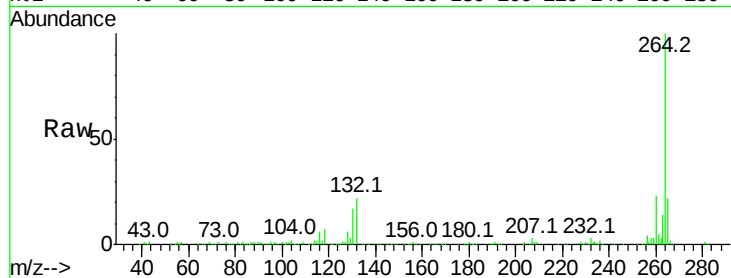




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099742.D
Acq: 21 Oct 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3



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

