

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099590.D
 Acq On : 17 Oct 2017 19:28
 Operator : SJ/JU
 Sample : I5817-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:53:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

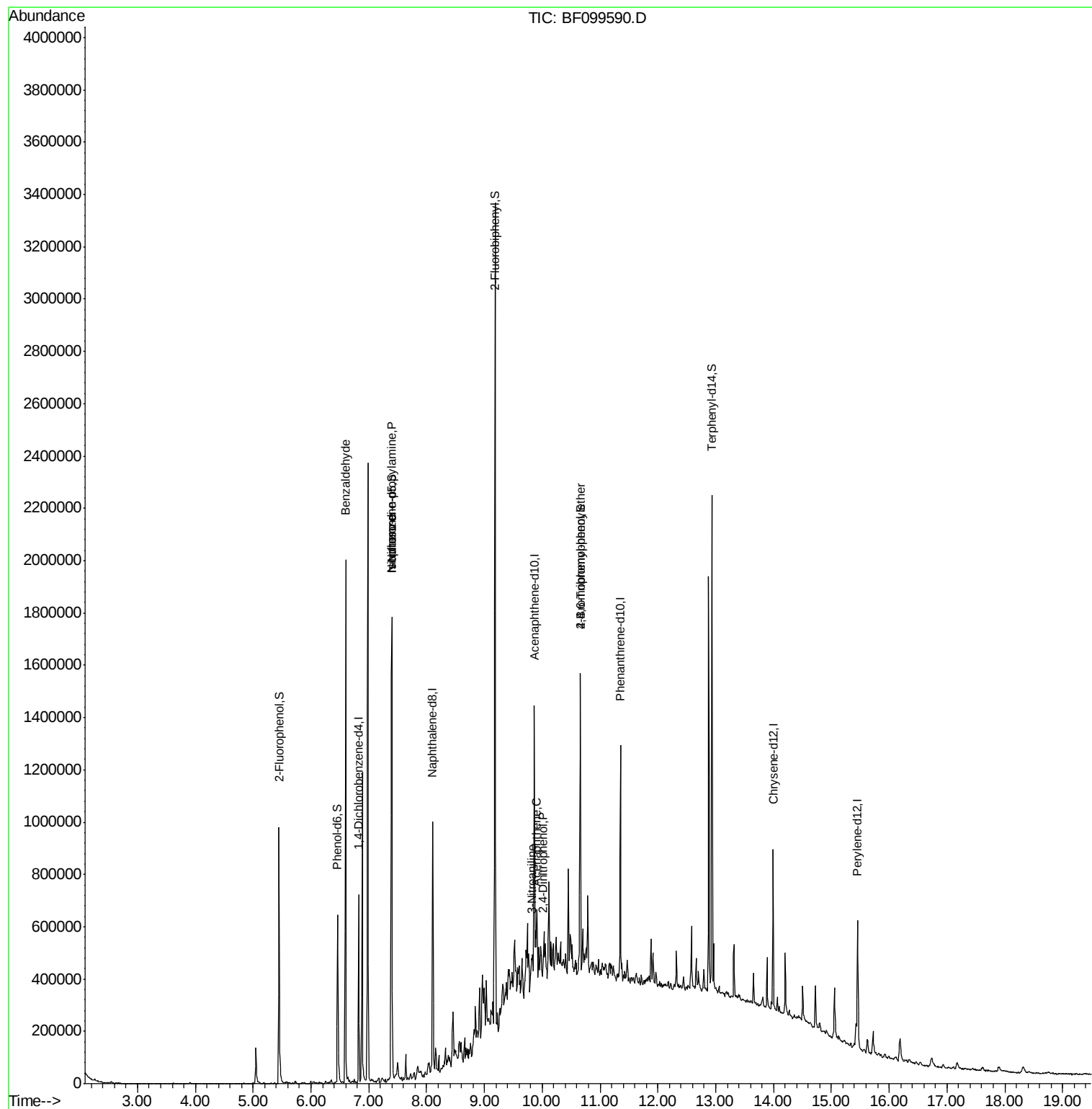
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116337	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	466669	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	194813	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	289529	20.00	ng	0.00
75) Chrysene-d12	13.99	240	187524	20.00	ng	0.00
86) Perylene-d12	15.46	264	199322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	324949	44.46	ng	0.00
7) Phenol-d6	6.46	99	244170	27.08	ng	-0.01
23) Nitrobenzene-d5	7.40	82	671462	92.27	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	143515	90.03	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1177670	100.92	ng	0.00
78) Terphenyl-d14	12.93	244	700120	84.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	10632	2.03	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	84620	14.70	ng	# 73
25) Isophorone	7.40	82	671455	44.63	ng	# 64
51) Acenaphthene	9.89	154	33390	2.74	ng	95
52) 3-Nitroaniline	9.81	138	18483	4.95	ng	# 9
53) 2,4-Dinitrophenol	10.01	184	359	6.03	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	9397	3.32	ng	# 1

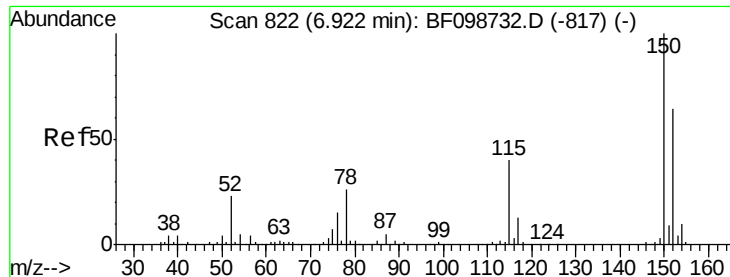
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099590.D
Acq On : 17 Oct 2017 19:28
Operator : SJ/JU
Sample : I5817-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 22:53:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampled :

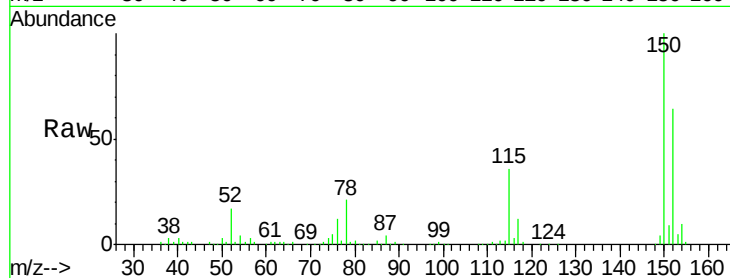
Tot Ion:152 Resp: 116337

Ion Ratio Lower Upper

152 100

150 155.3 124.6 186.8

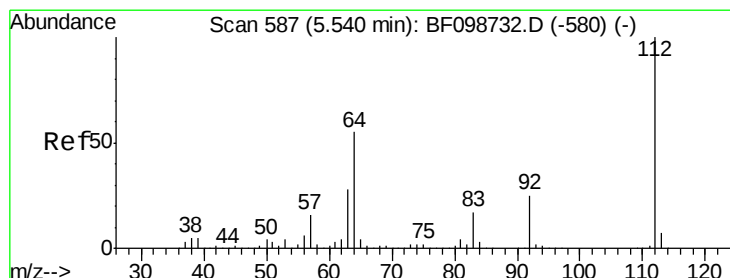
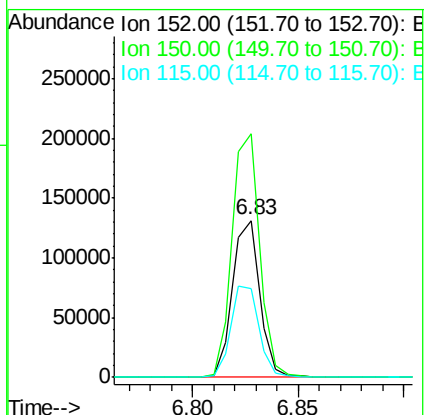
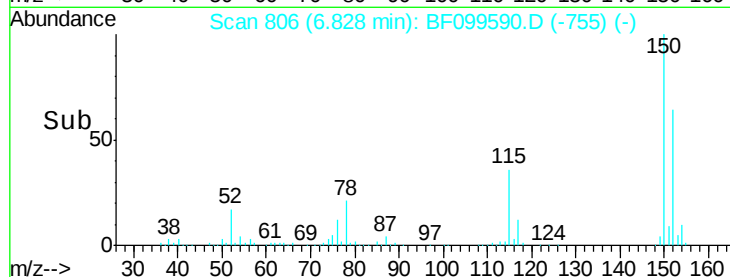
115 56.6 50.1 75.1



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: 44.46 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

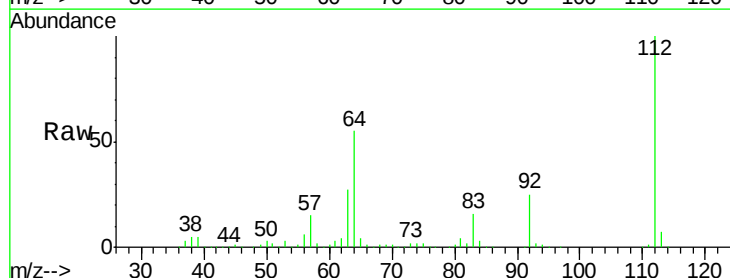
Tgt Ion:112 Resp: 324949

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

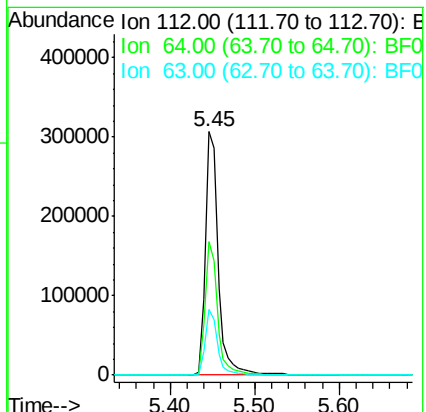
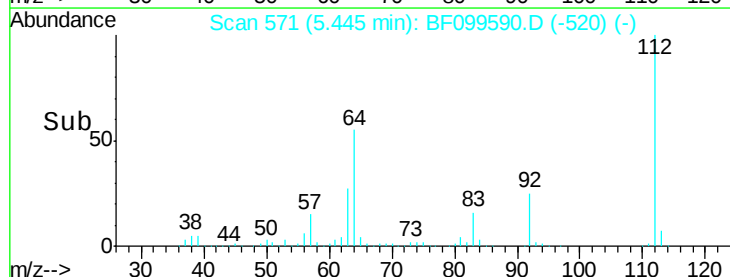
63 26.8 23.7 35.5

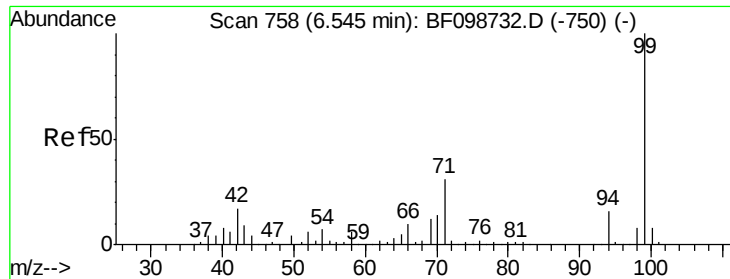


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.08 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

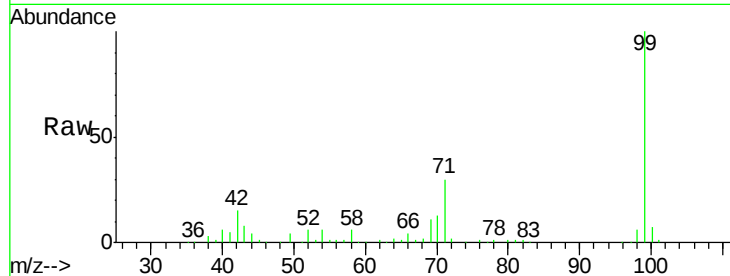
Tot Ion: 99 Resp: 244170

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

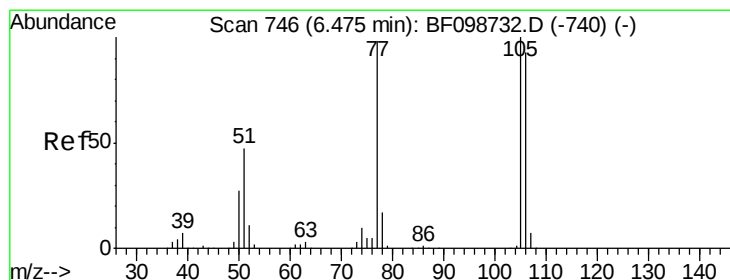
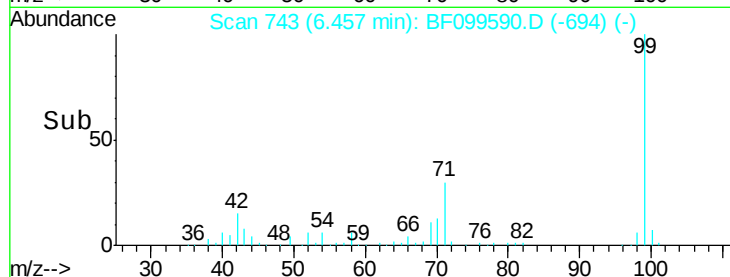
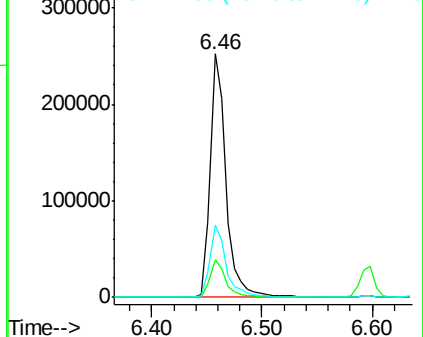
71 29.8 25.4 38.0



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: 2.03 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

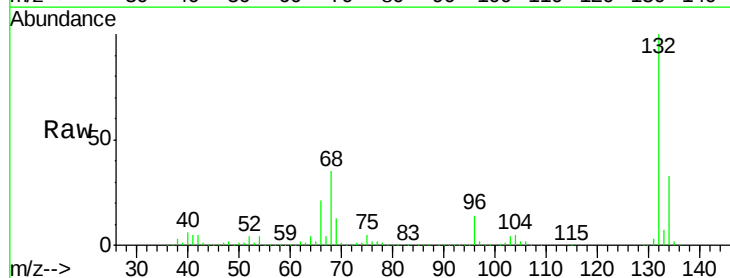
Tgt Ion: 77 Resp: 10632

Ion Ratio Lower Upper

77 100

105 87.6 81.1 121.1

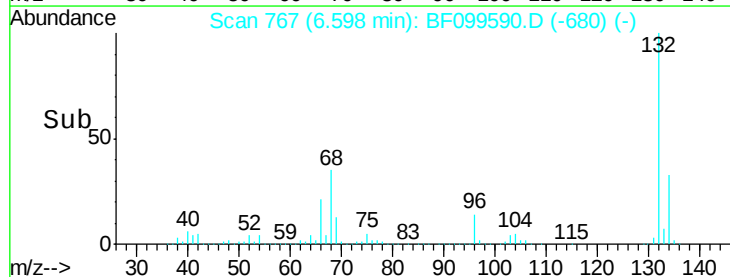
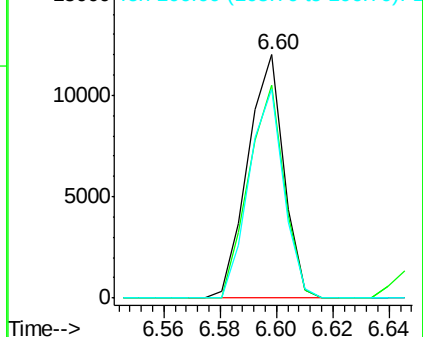
106 85.8 74.5 114.5

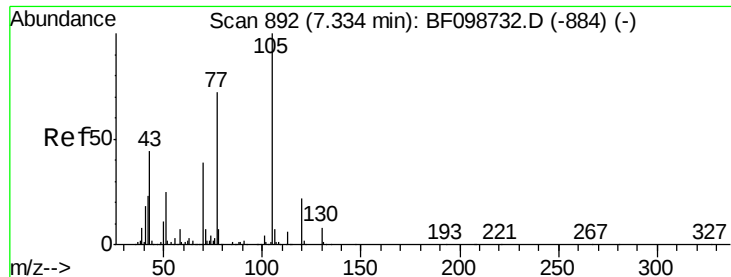


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.70 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF099590.D

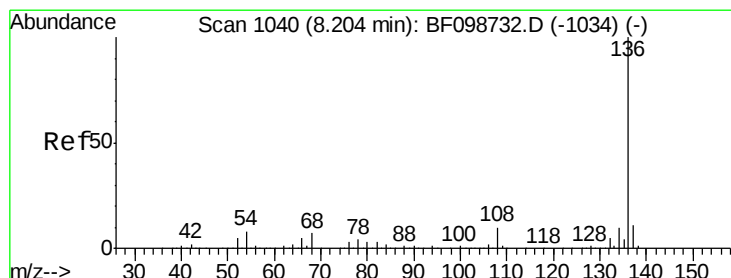
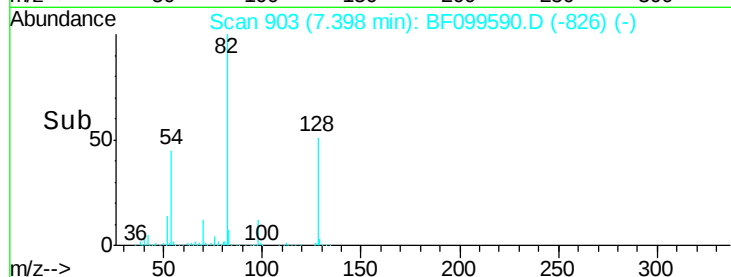
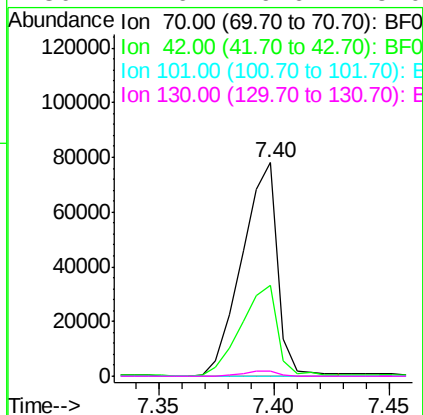
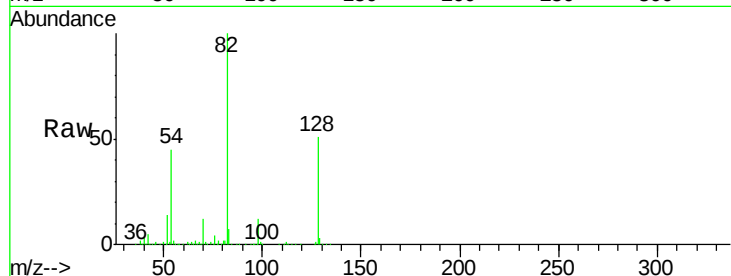
Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	84620
Ion	Ratio	Lower	Upper
70	100		
42	42.4	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

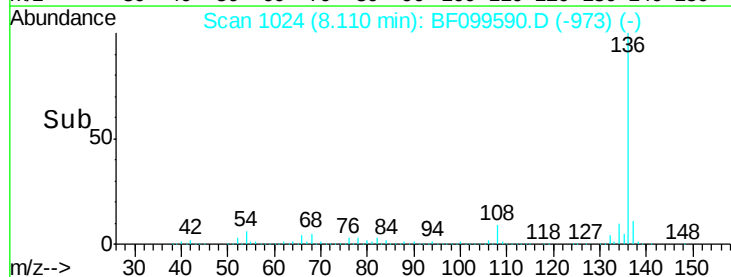
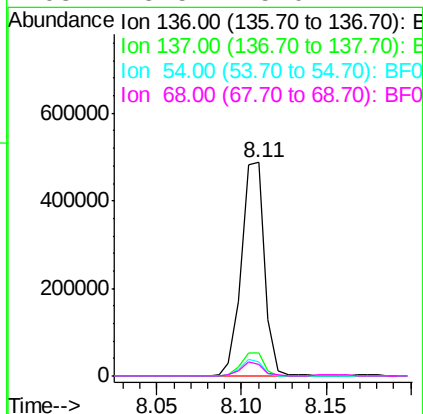
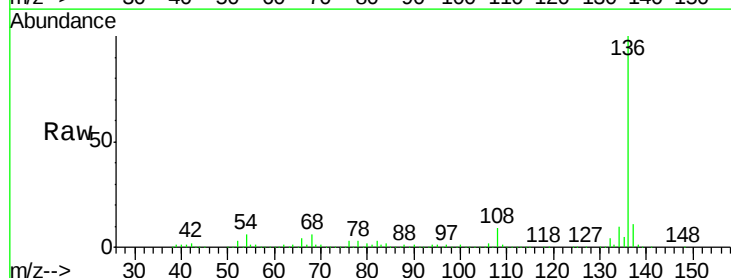
RT: 8.11 min Scan# 1024

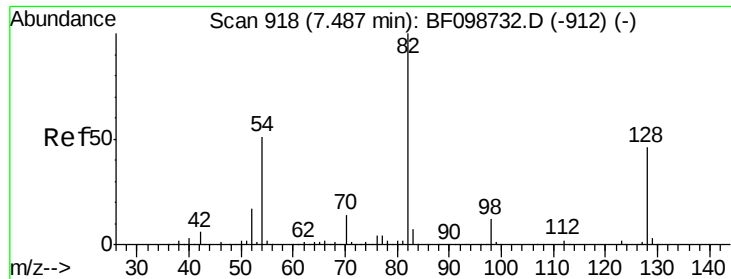
Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Tgt Ion:	136	Resp:	466669
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

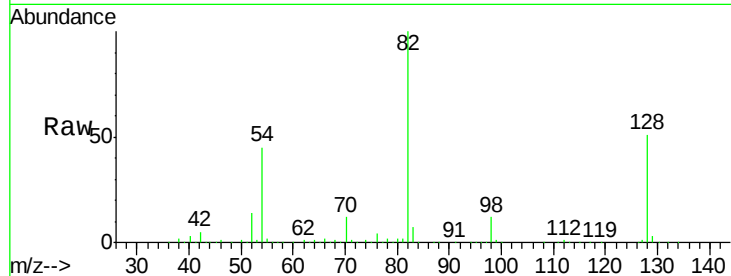




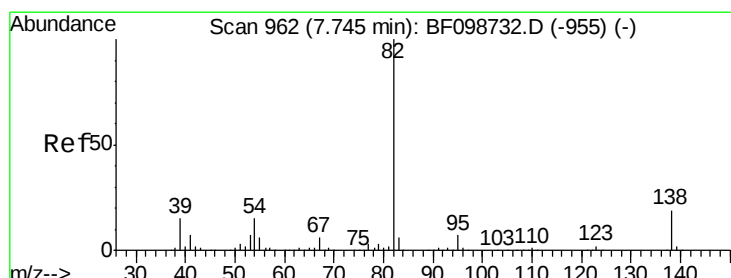
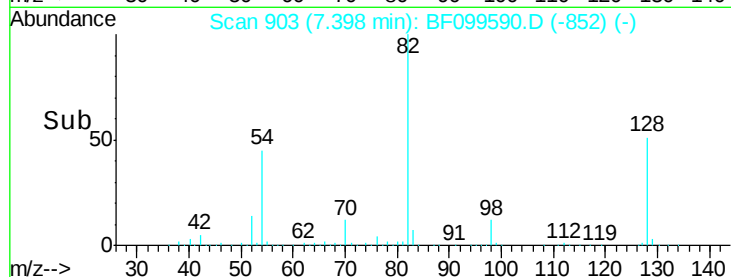
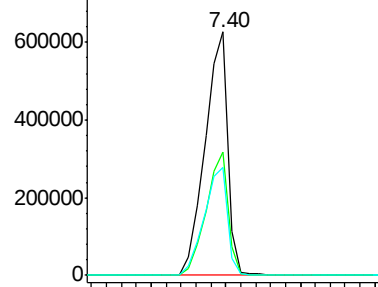
#23
 Nitrobenzene-d5
 Concen: 92.27 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 671462
 Ion Ratio Lower Upper
 82 100
 128 50.9 36.1 54.1
 54 44.6 41.4 62.2

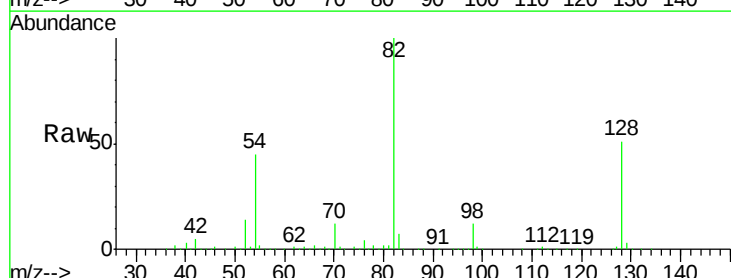


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

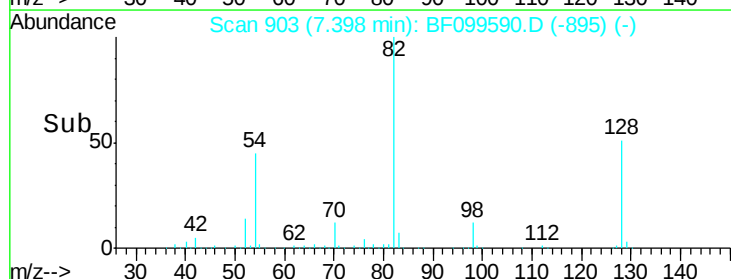
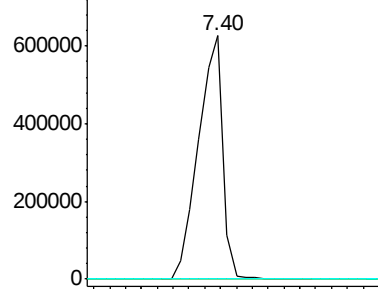


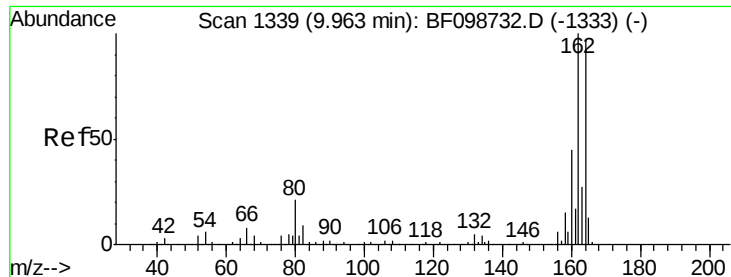
#25
 Isophorone
 Concen: 44.63 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.25 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

Tgt Ion: 82 Resp: 671455
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

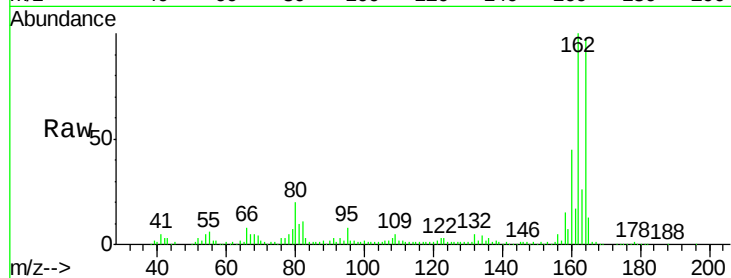
Tot Ion:164 Resp: 194813

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

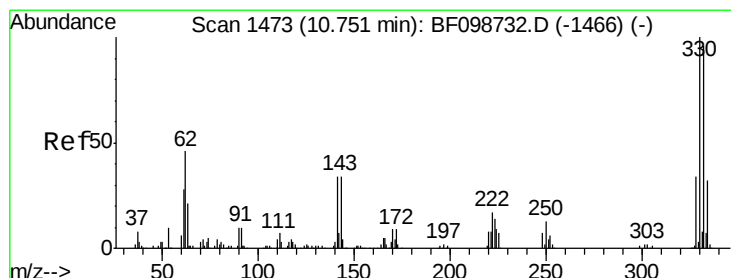
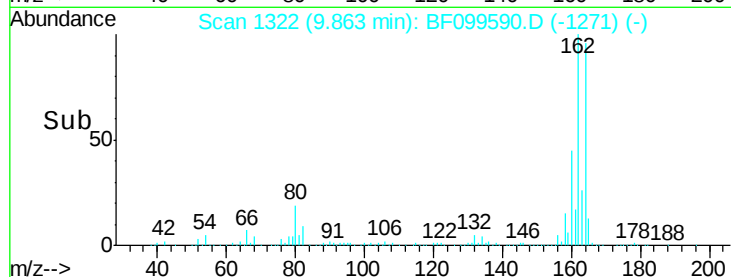
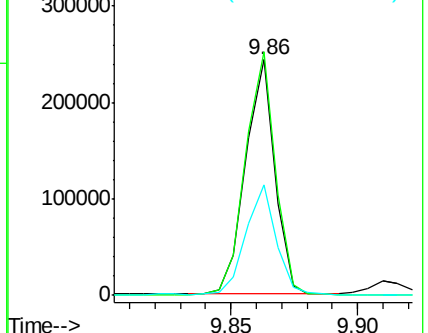
160 46.8 38.3 57.5



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: 90.03 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

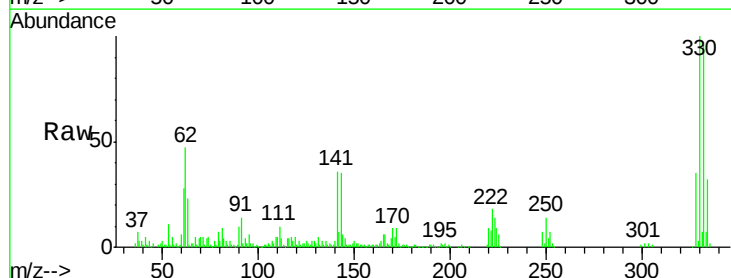
Tgt Ion:330 Resp: 143515

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

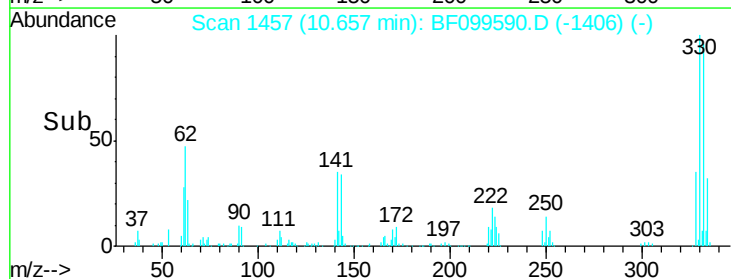
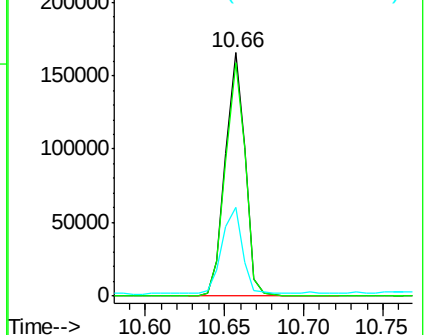
141 36.3 29.9 44.9

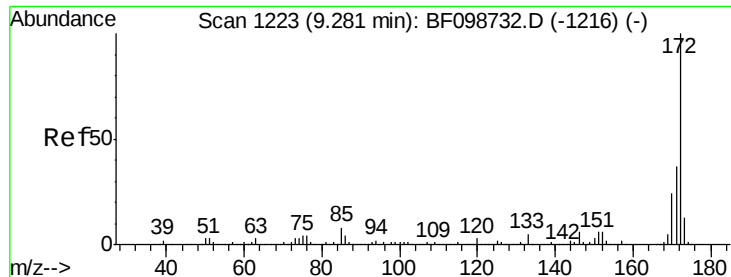


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



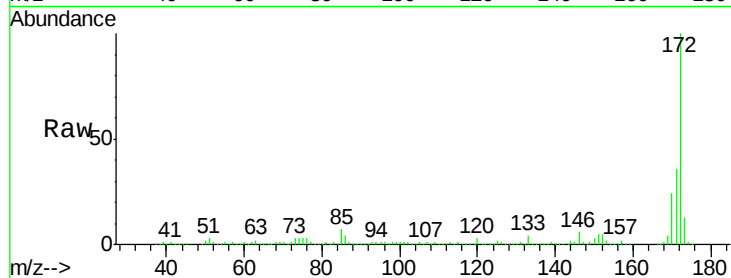


#44
 2-Fluorobiphenyl
 Concen: 100.92 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

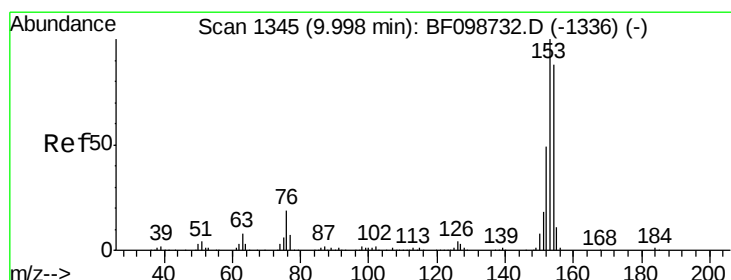
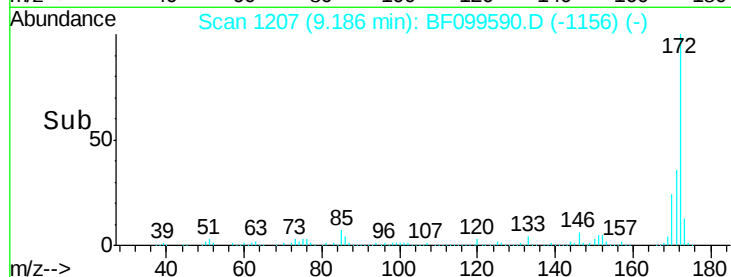
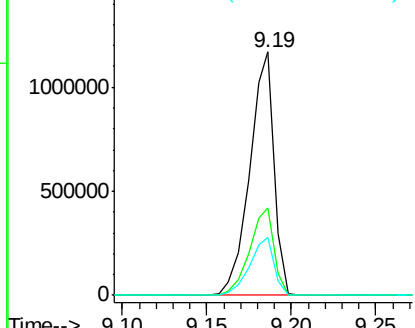
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1177670

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



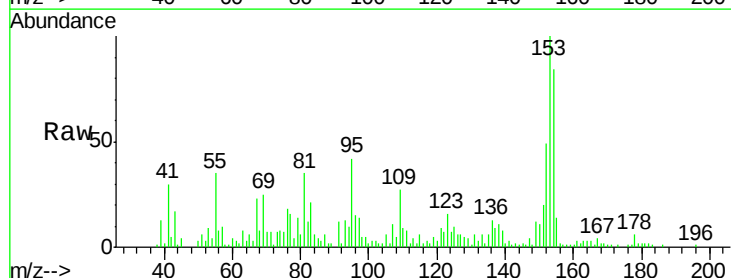
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



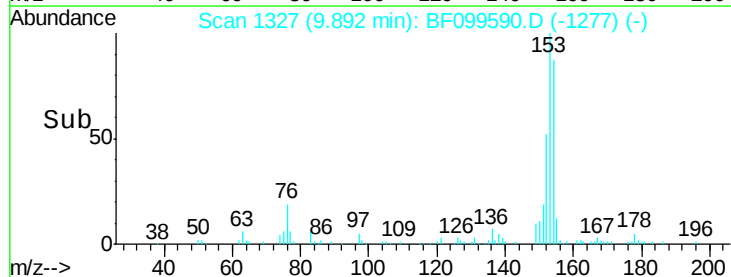
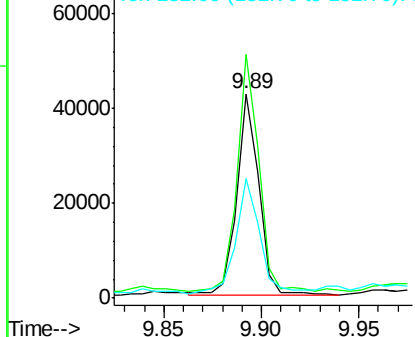
#51
 Acenaphthene
 Concen: 2.74 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

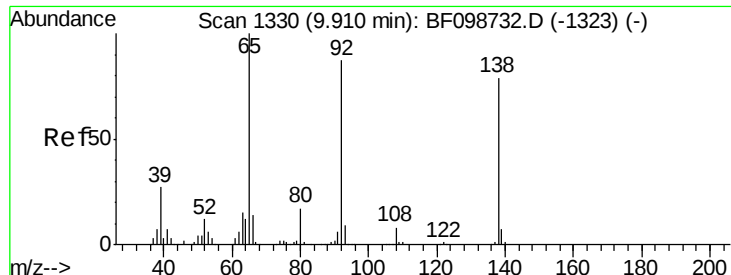
Tgt Ion:154 Resp: 33390

Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.2	136.8
152	58.7	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

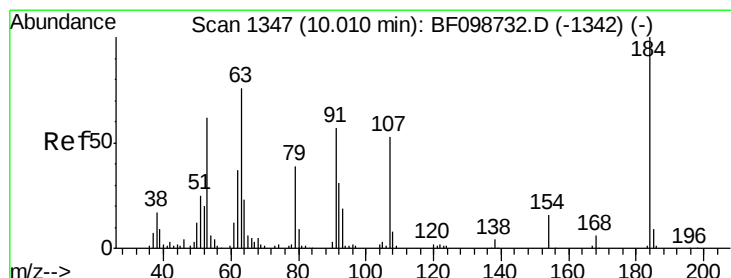
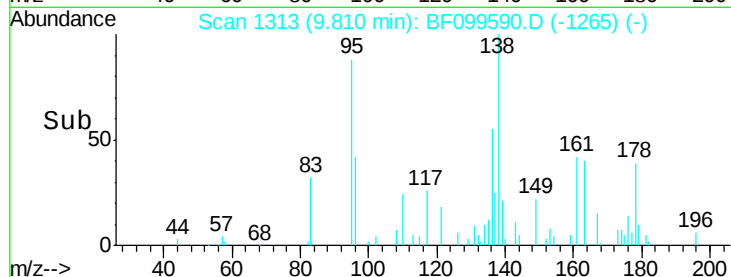
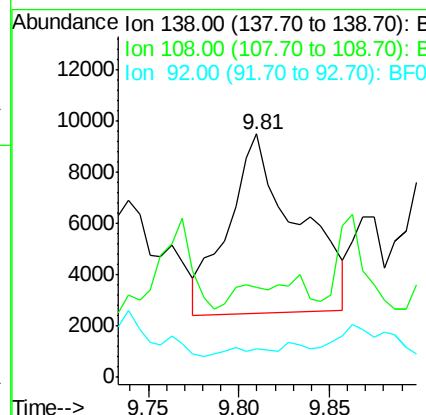
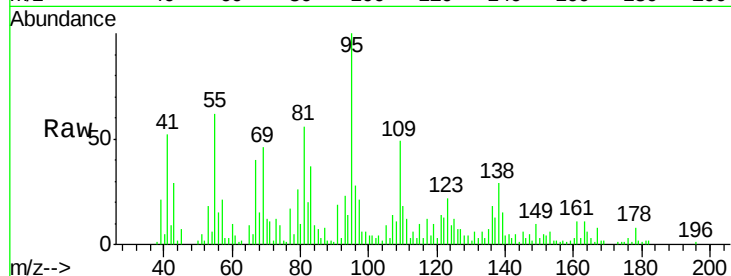




#52
3-Nitroaniline
Concen: 4.95 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

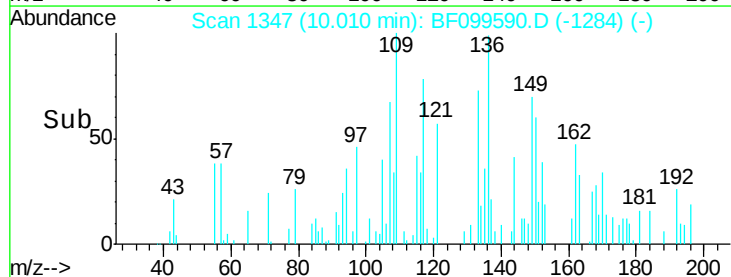
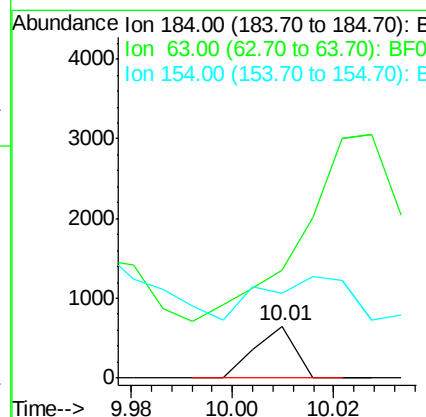
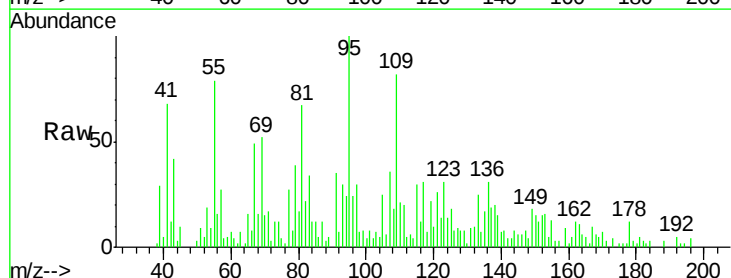
Instrument :
BNA_F
ClientSampleId :

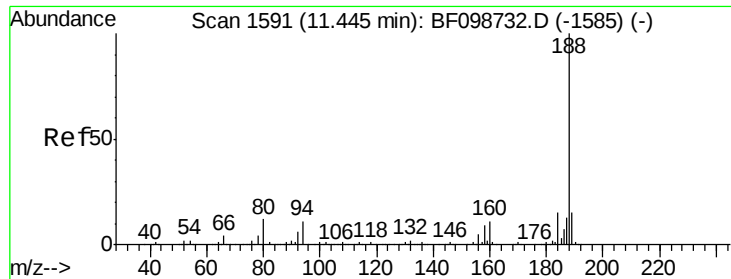
Tot Ion:138 Resp: 18483
Ion Ratio Lower Upper
138 100
108 36.8 9.4 14.0#
92 11.9 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 6.03 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.07 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Tgt Ion:184 Resp: 359
Ion Ratio Lower Upper
184 100
63 208.7 54.2 81.2#
154 163.5 53.5 80.3#

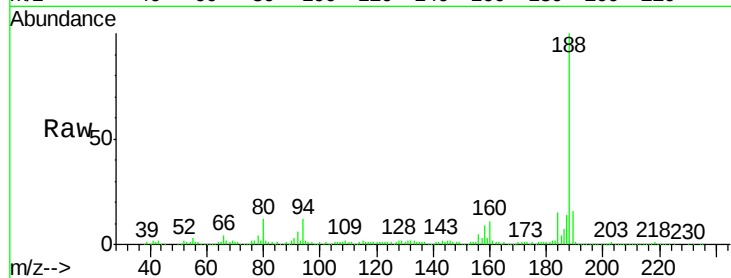




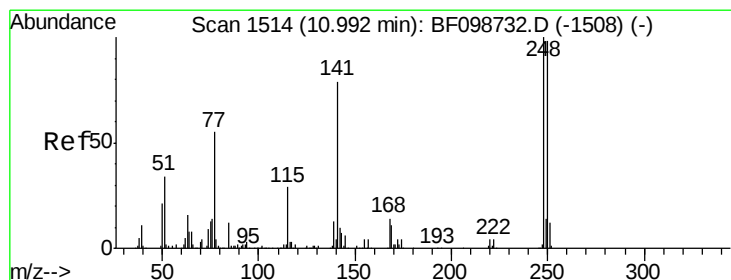
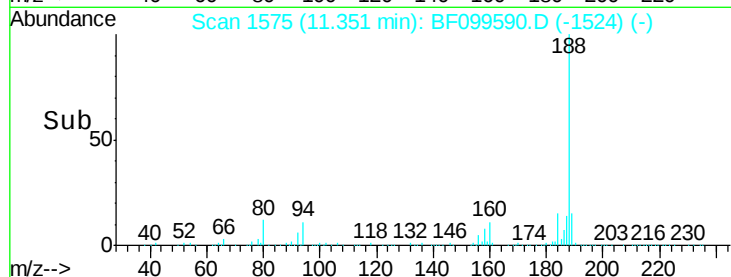
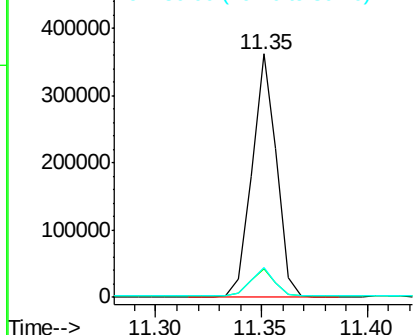
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 289529
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.3 9.2 13.8

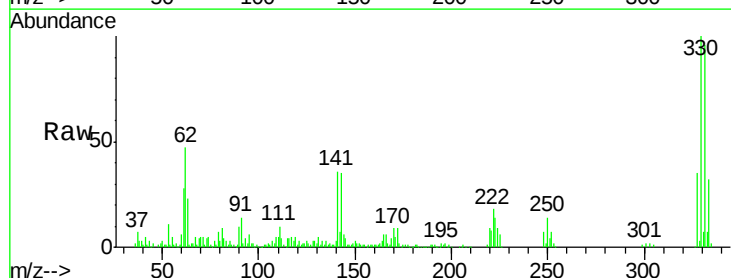


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

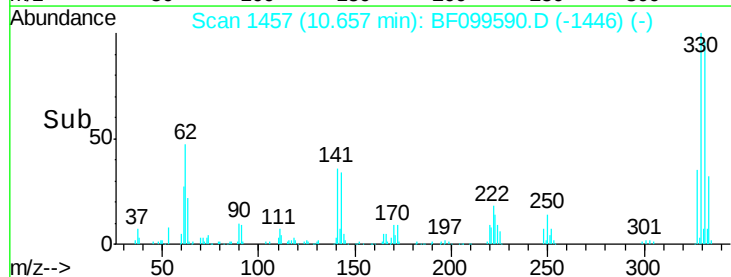
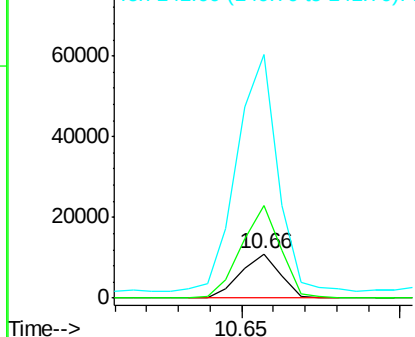


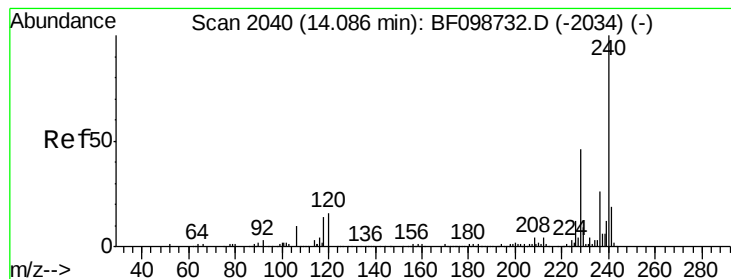
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Tgt Ion:248 Resp: 9397
Ion Ratio Lower Upper
248 100
250 208.3 76.9 115.3#
141 550.9 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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

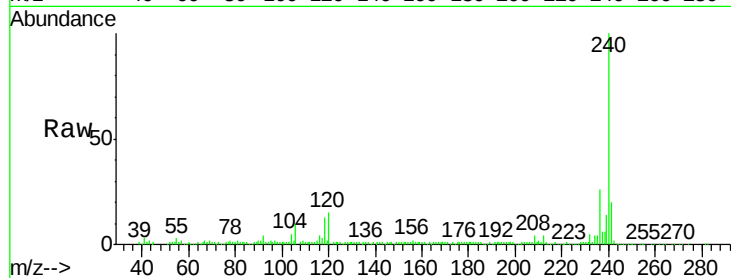
Tot Ion:240 Resp: 187524

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

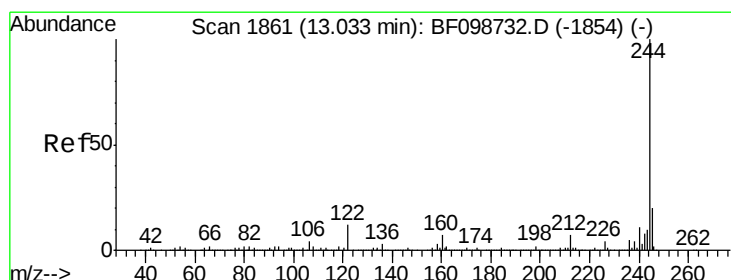
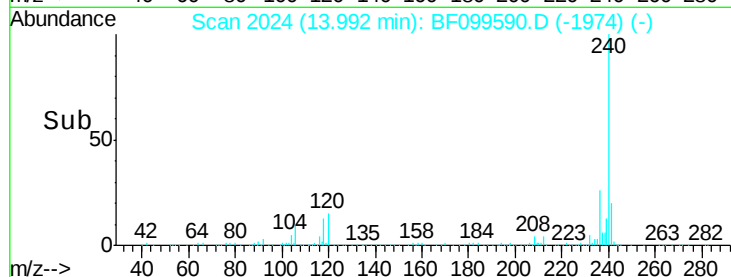
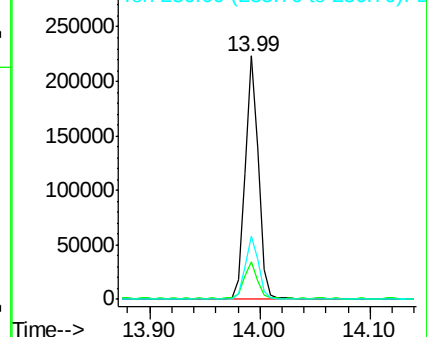
236 26.1 20.7 31.1



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: 84.91 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

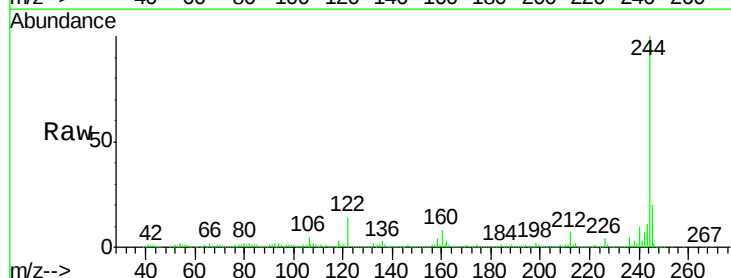
Tgt Ion:244 Resp: 700120

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

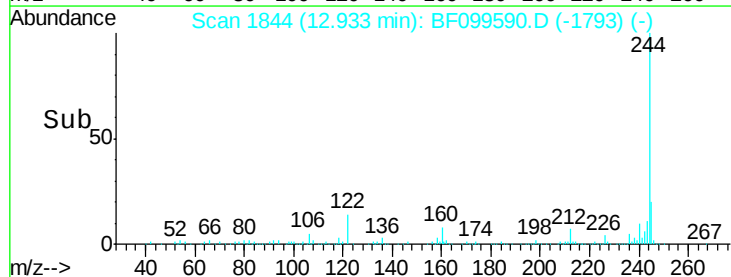
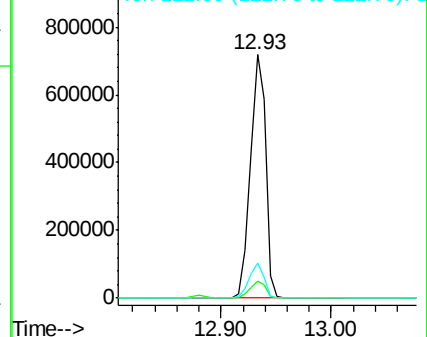
122 14.1 11.0 16.4

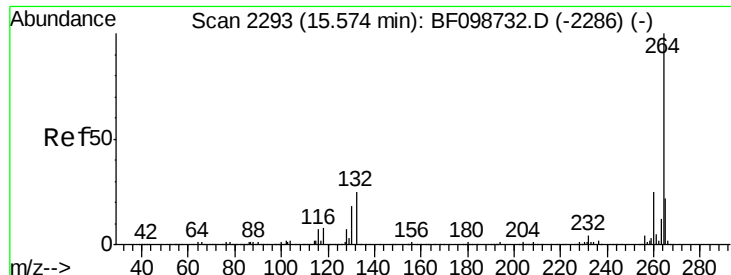


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

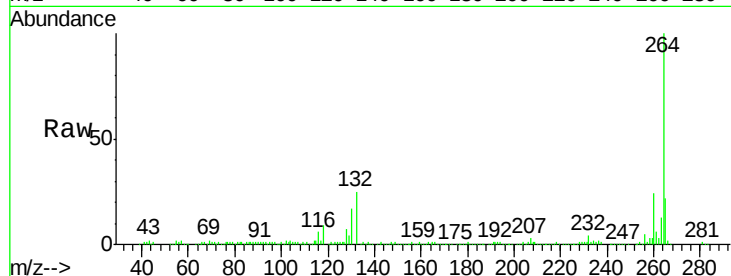




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	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

