

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099593.D
 Acq On : 17 Oct 2017 20:51
 Operator : SJ/JU
 Sample : I5869-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:54:13 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

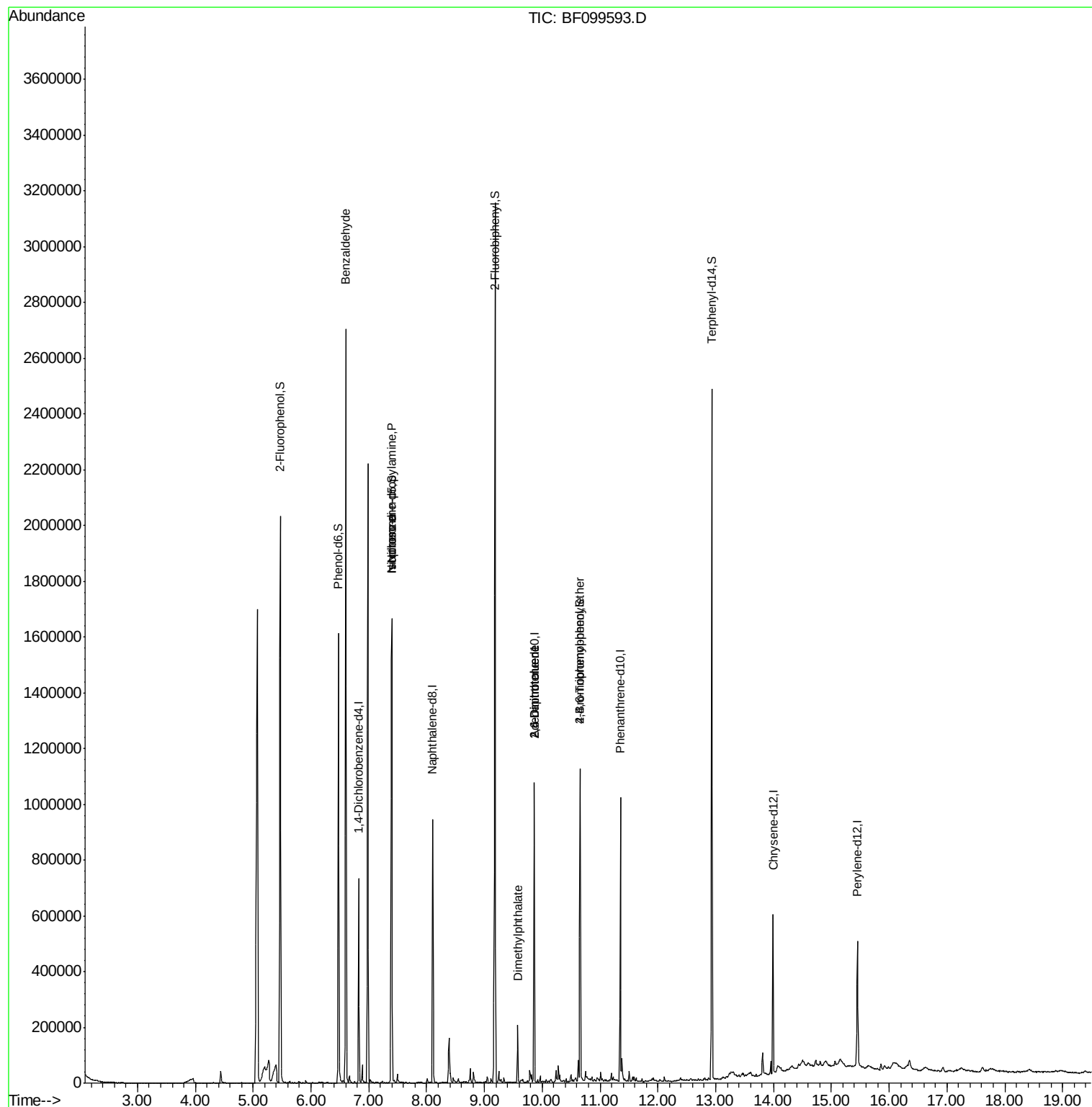
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116583	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	478130	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	211267	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	339303	20.00	ng	0.00
75) Chrysene-d12	13.99	240	193137	20.00	ng	0.00
86) Perylene-d12	15.45	264	192687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	609802	83.27	ng	0.02
7) Phenol-d6	6.47	99	603704	66.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	649362	87.10	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	136588	79.01	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1185825	93.70	ng	0.00
78) Terphenyl-d14	12.93	244	786419	92.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	15347	2.93	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	83032	14.40	ng	# 72
25) Isophorone	7.40	82	649354	42.13	ng	# 64
49) Dimethylphthalate	9.57	163	76569	4.80	ng	100
50) 2,6-Dinitrotoluene	9.86	165	27461	7.91	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	27461	6.10	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	9076	2.73	ng	# 1

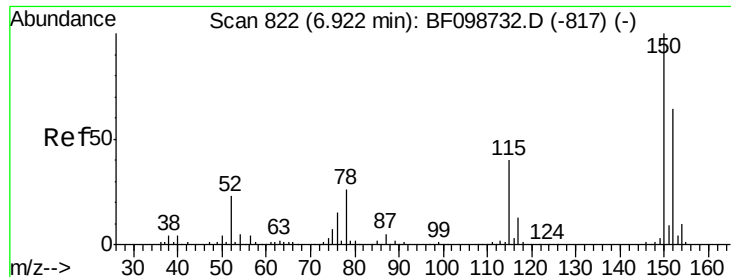
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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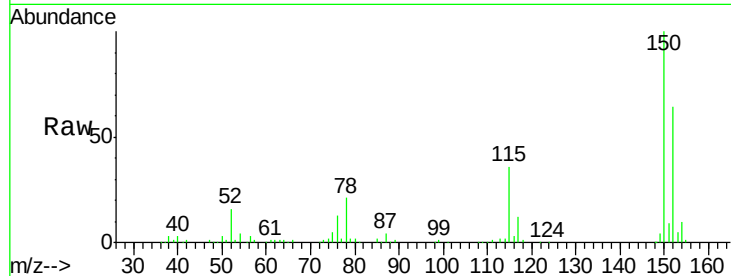


#1

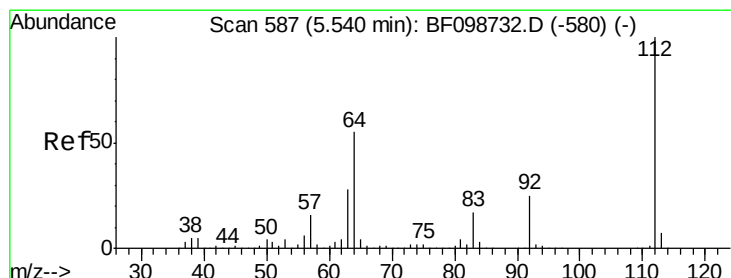
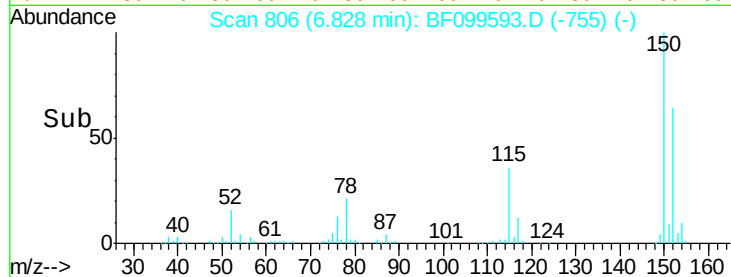
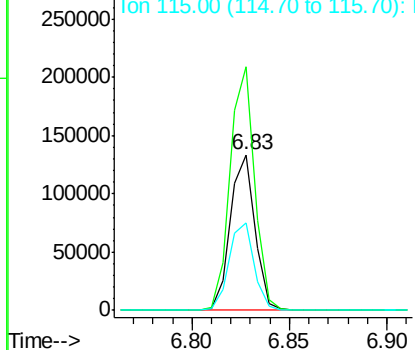
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116583
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 56.6 50.1 75.1



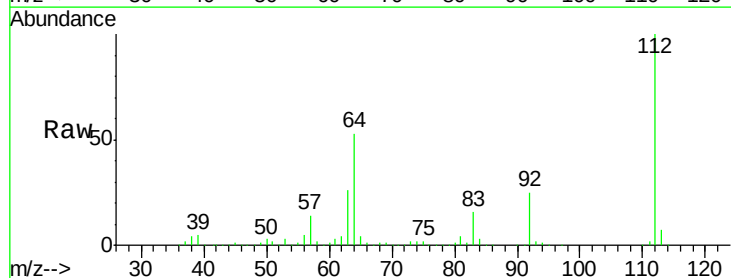
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



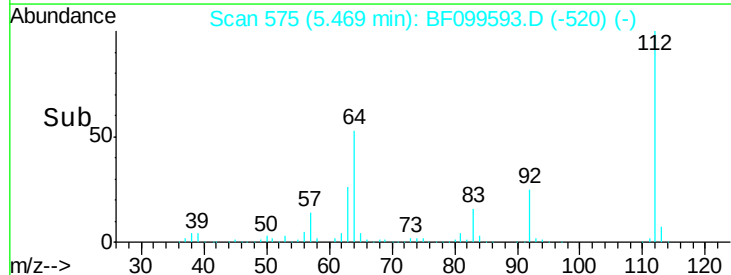
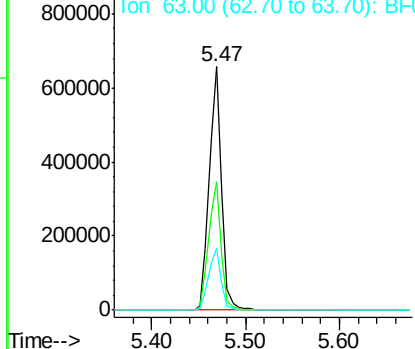
#5

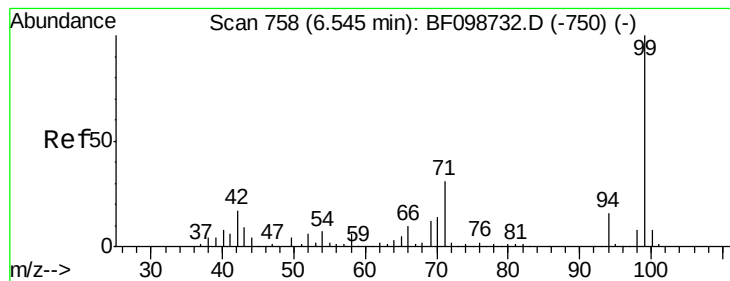
2-Fluorophenol
Concen: 83.27 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Tgt Ion:112 Resp: 609802
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 25.5 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: 66.82 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

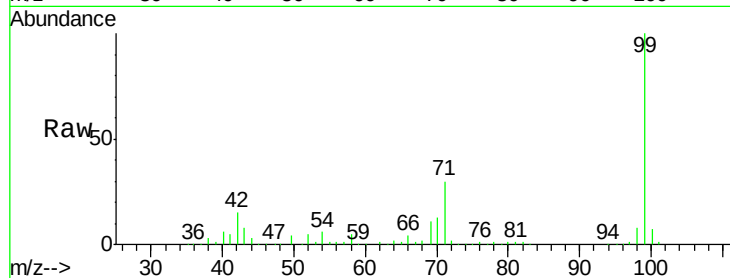
Tot Ion: 99 Resp: 603704

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

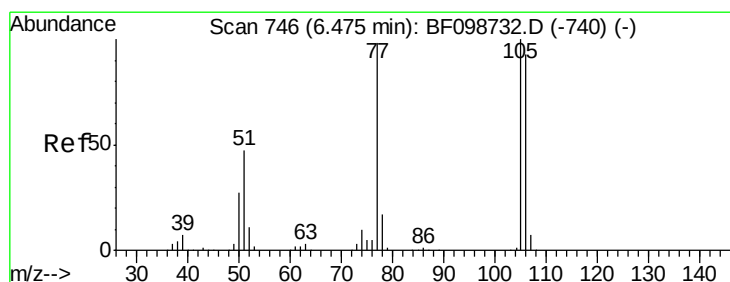
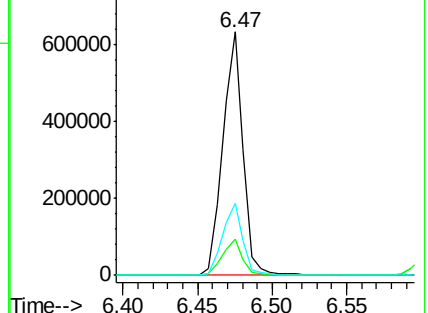
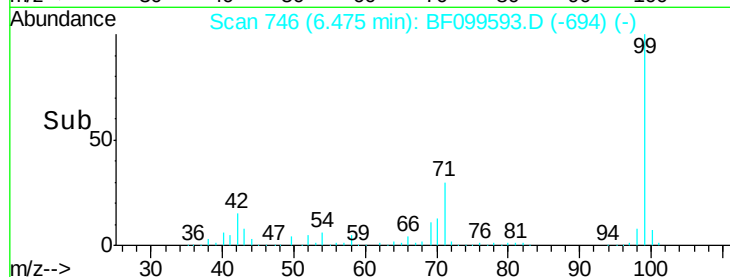
71 29.9 25.4 38.0



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: 2.93 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

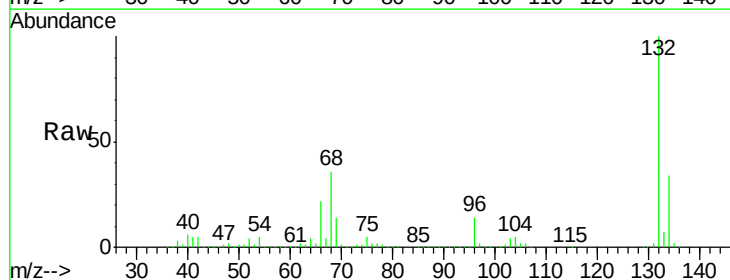
Tgt Ion: 77 Resp: 15347

Ion Ratio Lower Upper

77 100

105 85.4 81.1 121.1

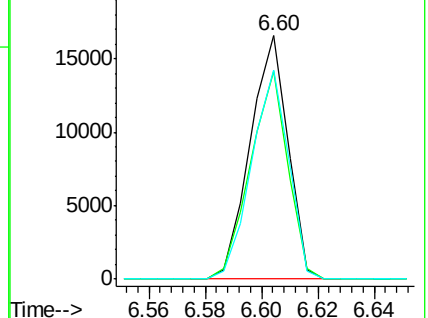
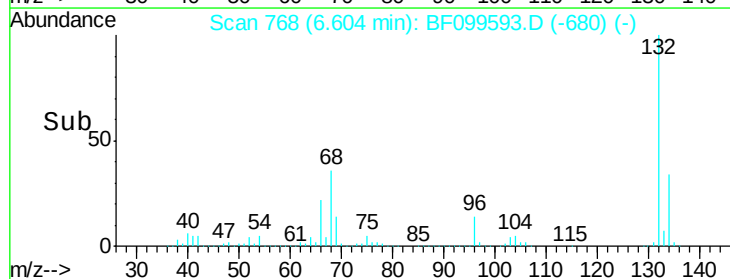
106 86.0 74.5 114.5

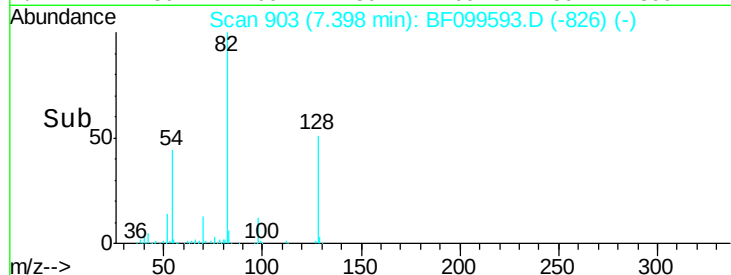
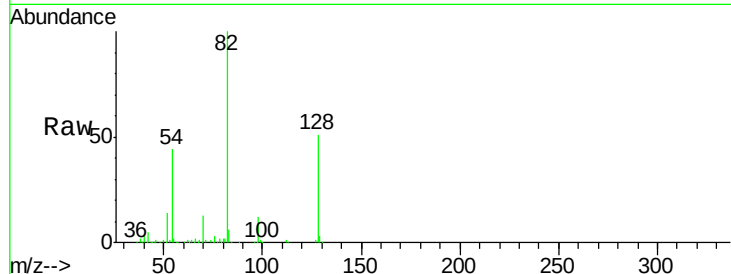
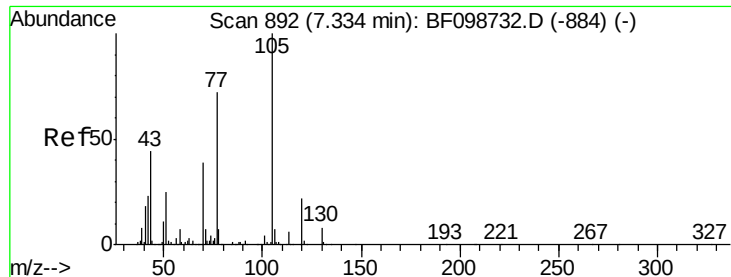


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

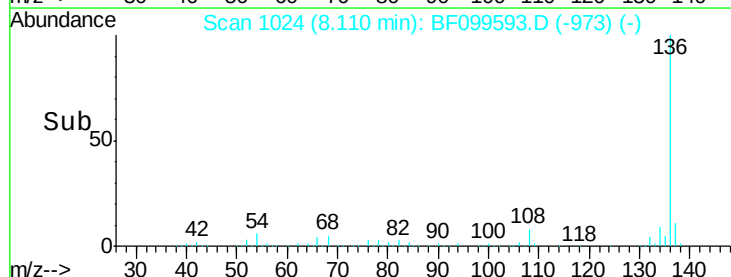
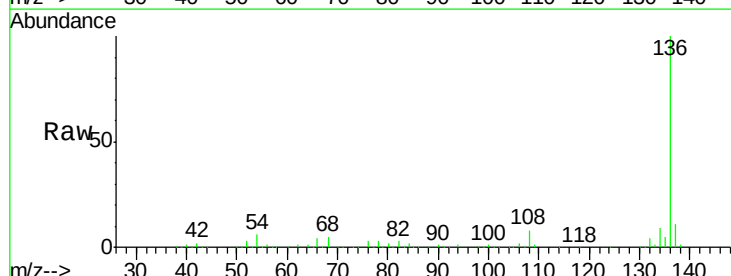
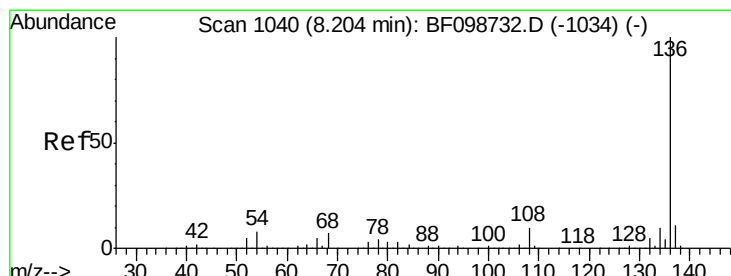
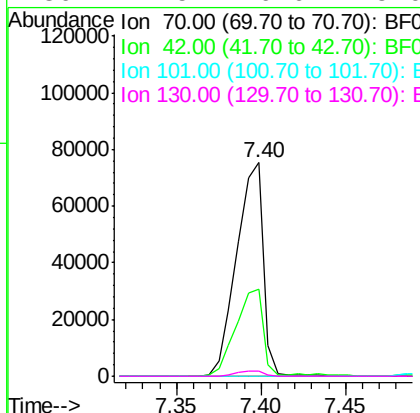




#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

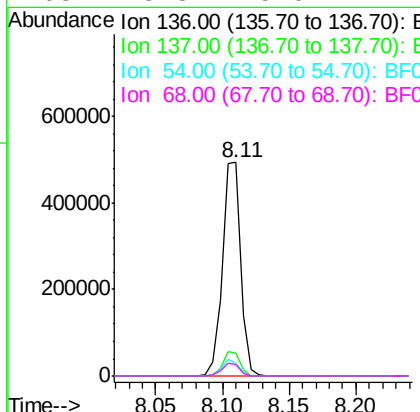
Instrument :
BNA_F
ClientSampleId :

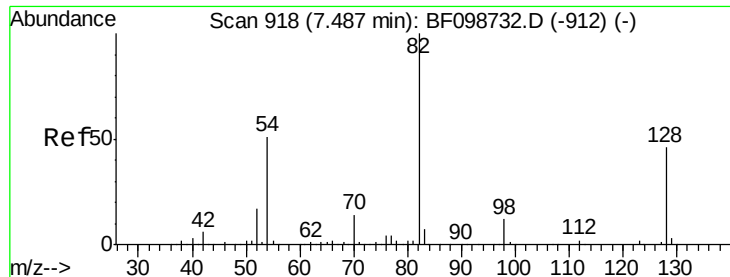
Tot Ion	70	Resp	83032
Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Tgt Ion	136	Resp	478130
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.3	5.0	7.4





#23

Nitrobenzene-d5

Concen: 87.10 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampled :

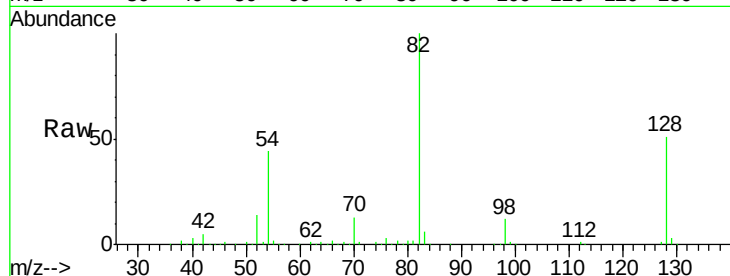
Tot Ion: 82 Resp: 649362

Ion Ratio Lower Upper

82 100

128 50.7 36.1 54.1

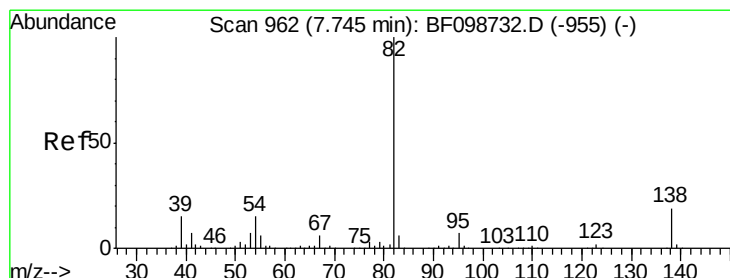
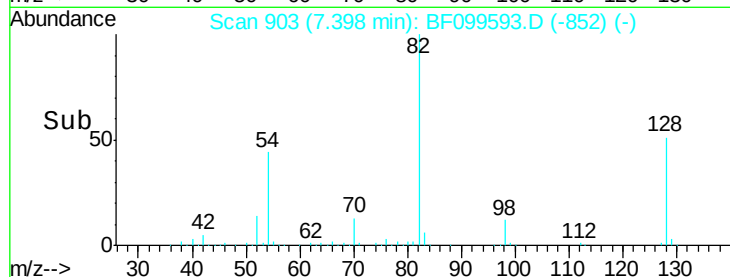
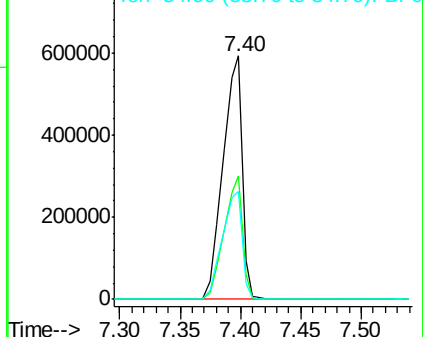
54 44.5 41.4 62.2



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: 42.13 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

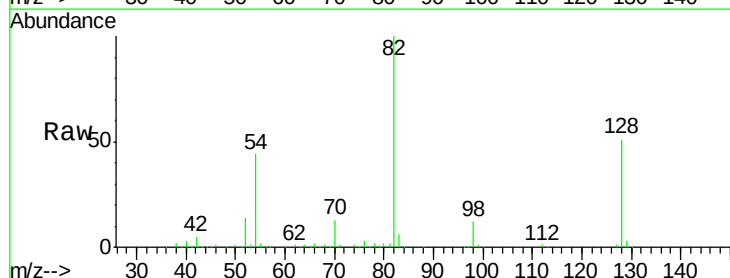
Tgt Ion: 82 Resp: 649354

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

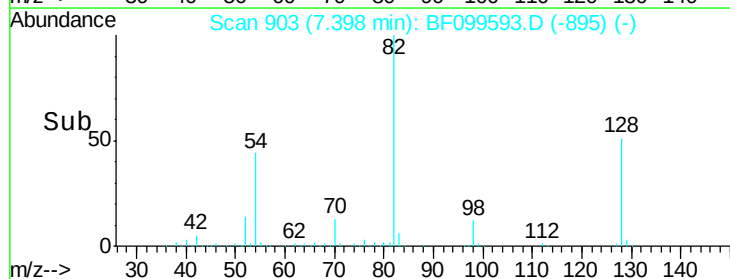
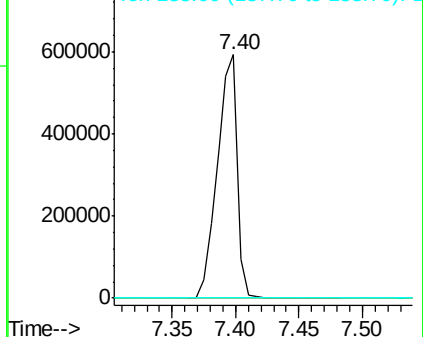
138 0.0 14.9 22.3#

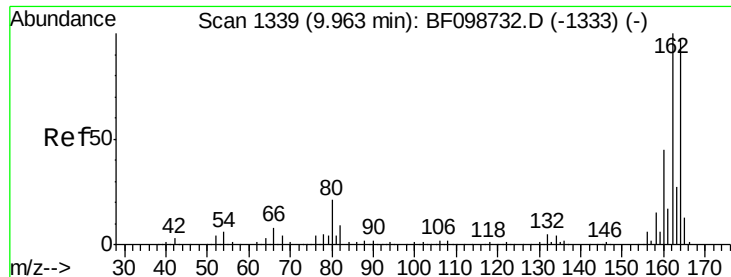


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

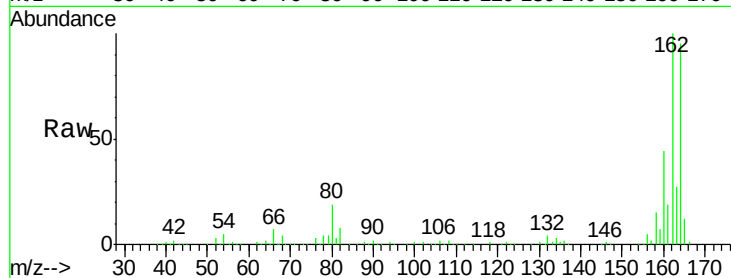
Tot Ion:164 Resp: 211267

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

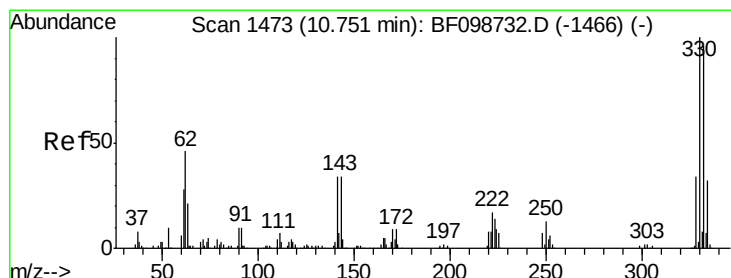
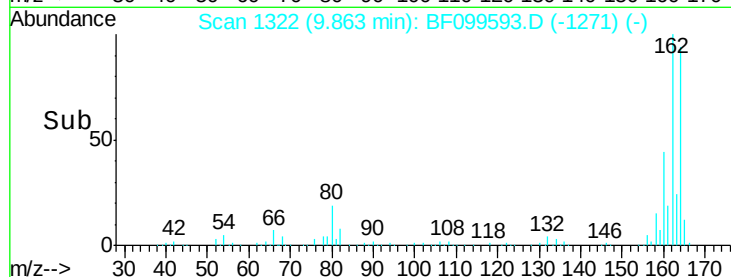
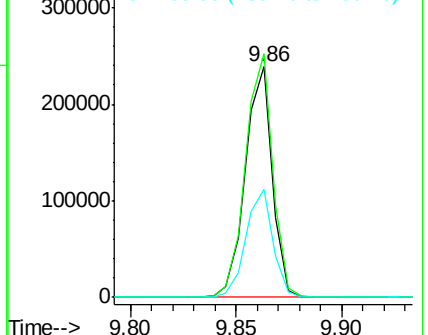
160 46.5 38.3 57.5



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: 79.01 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

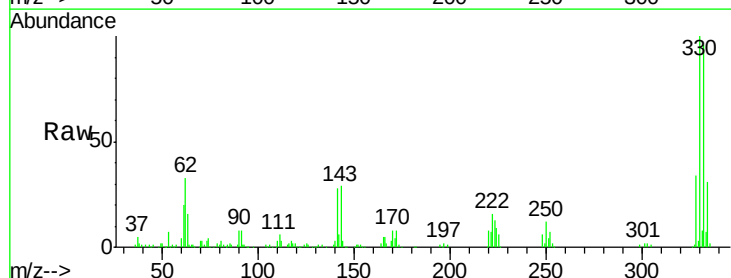
Tgt Ion:330 Resp: 136588

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

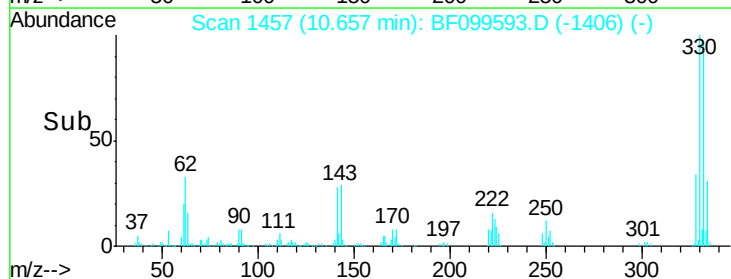
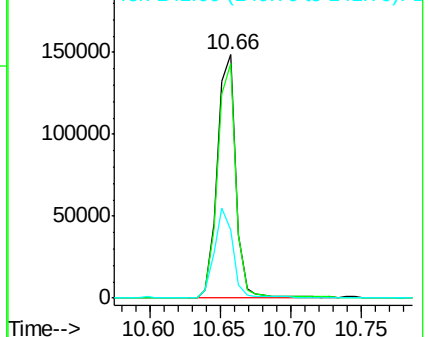
141 36.3 29.9 44.9

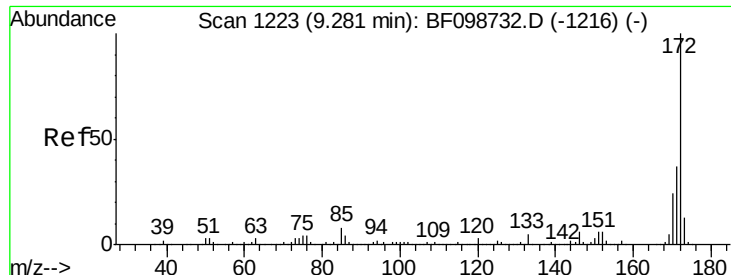


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

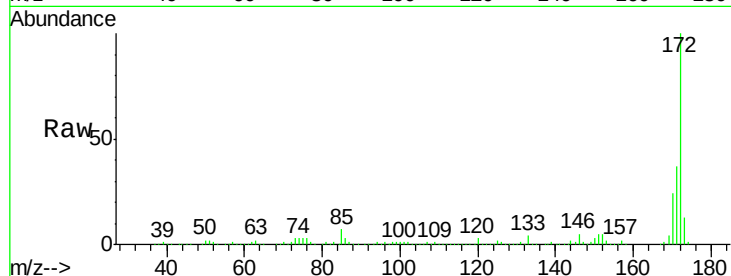




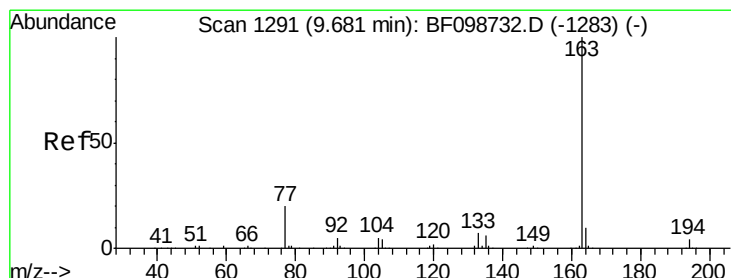
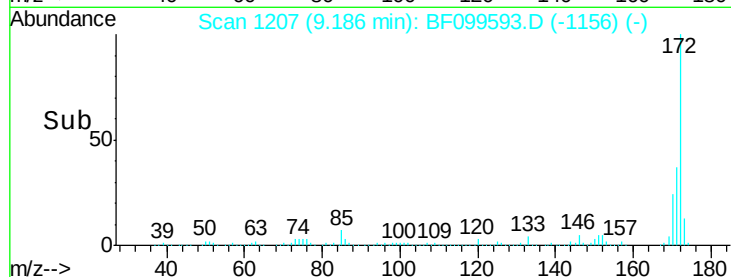
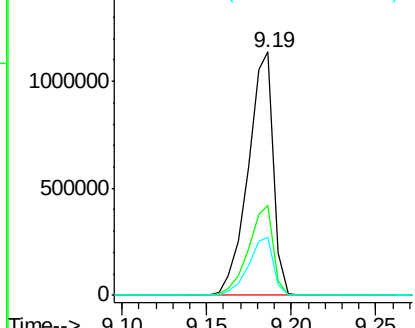
#44
2-Fluorobiphenyl
Concen: 93.70 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1185825
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 23.8 19.6 29.4

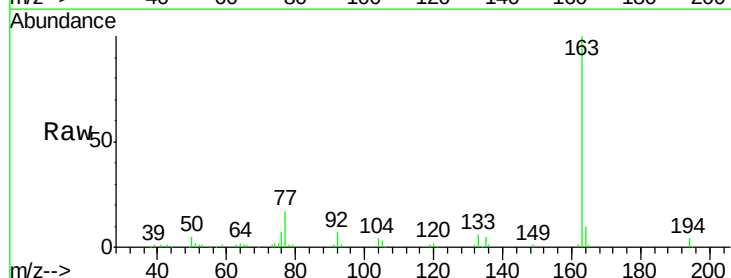


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

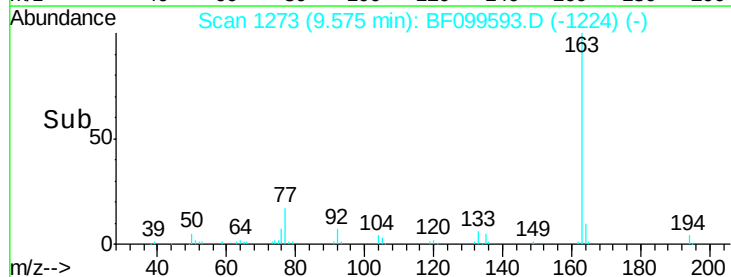
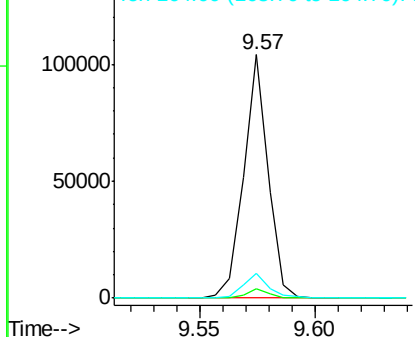


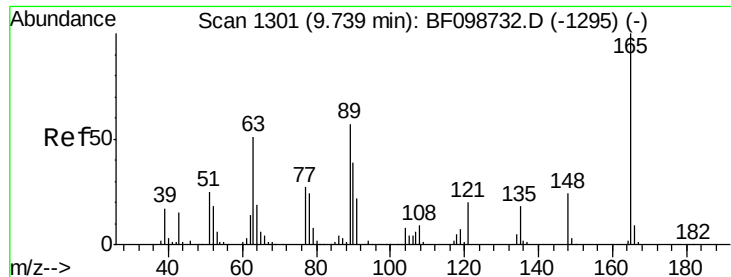
#49
Dimethylphthalate
Concen: 4.80 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Tgt Ion:163 Resp: 76569
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 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

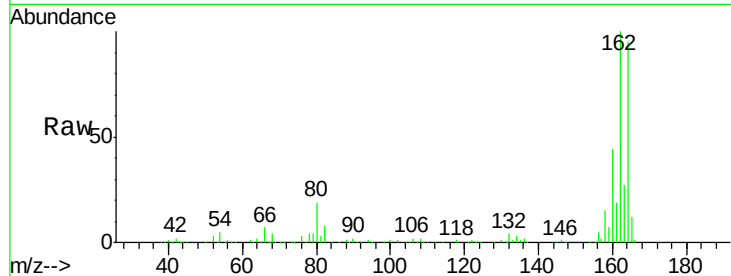




#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :

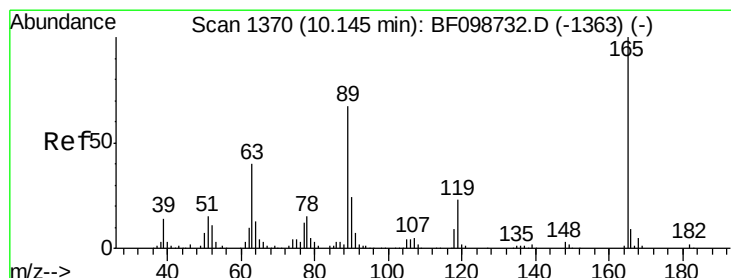
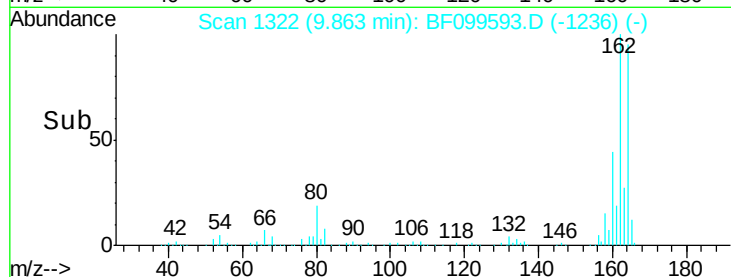
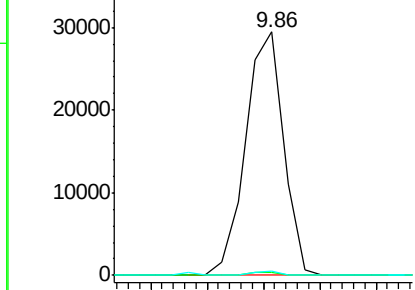
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.7	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

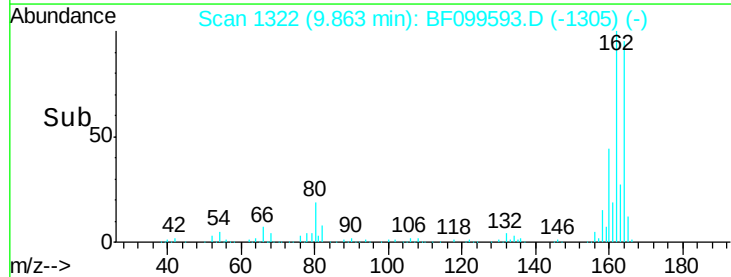
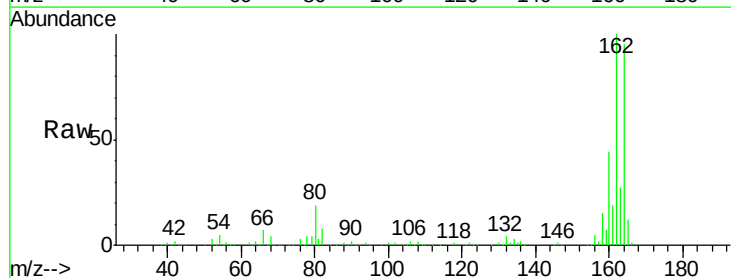
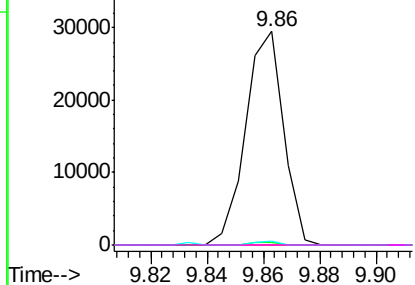
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

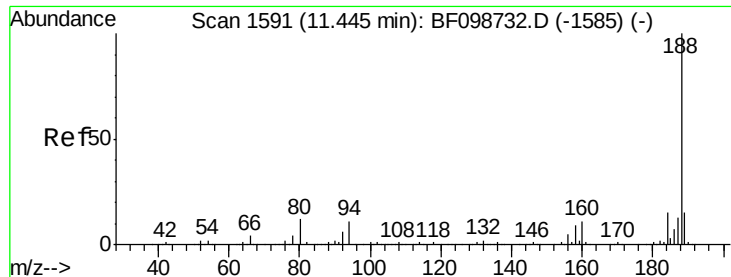
Abundance Ion 165.00 (164.70 to 165.70): E

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

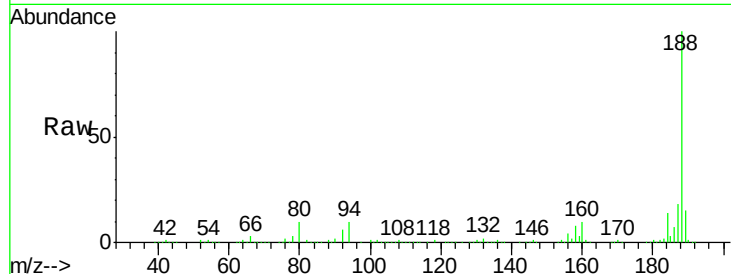




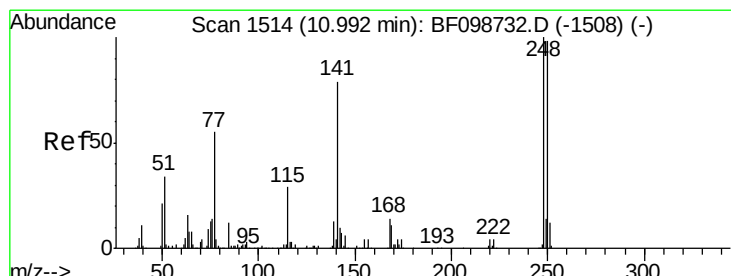
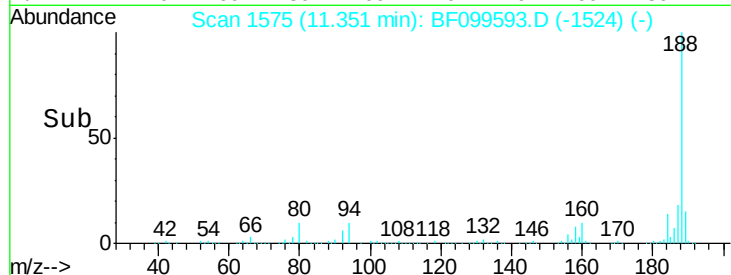
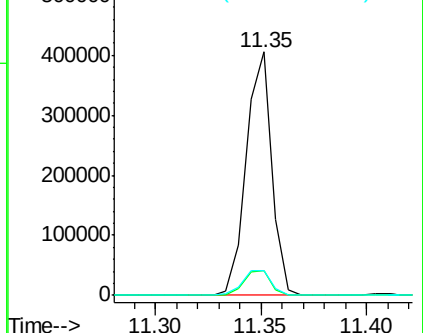
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 339303
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8

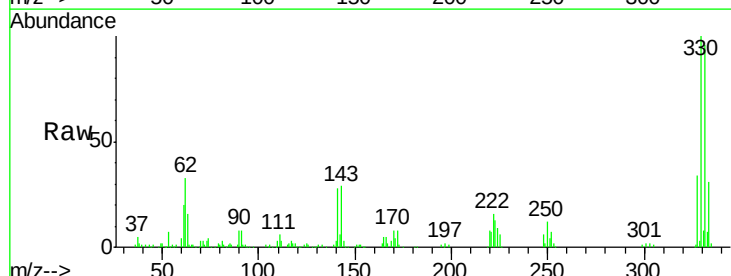


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

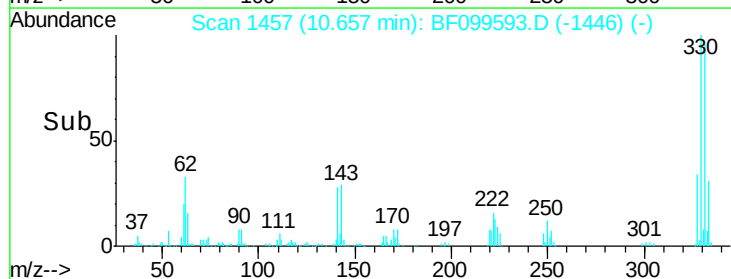
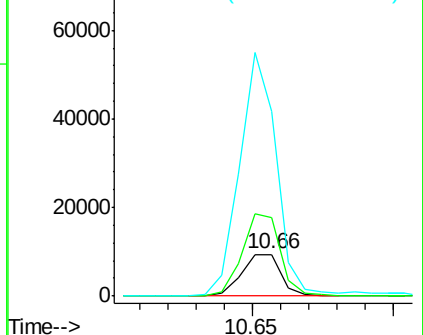


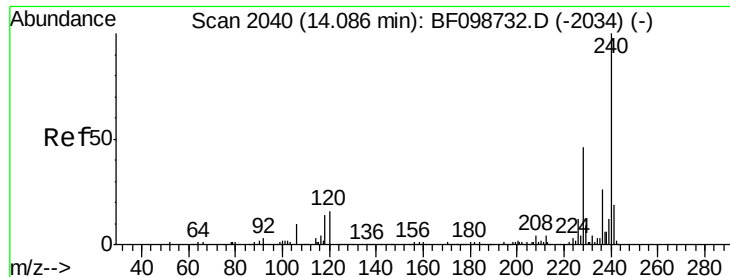
#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF099593.D
Acq: 17 Oct 2017 20:51

Tgt Ion:248 Resp: 9076
Ion Ratio Lower Upper
248 100
250 189.0 76.9 115.3#
141 446.0 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: BF099593.D

Acq: 17 Oct 2017 20:51

Instrument :

BNA_F

ClientSampleId :

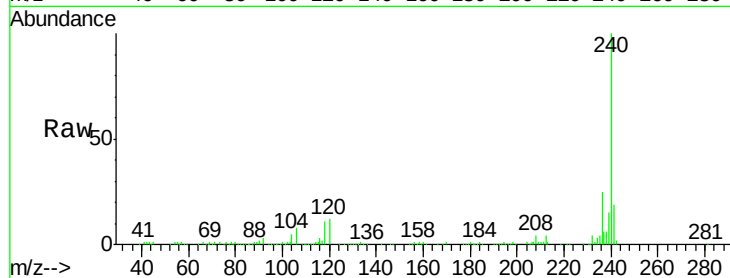
Tot Ion:240 Resp: 193137

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

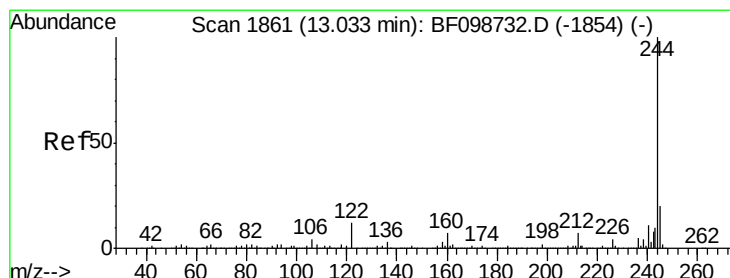
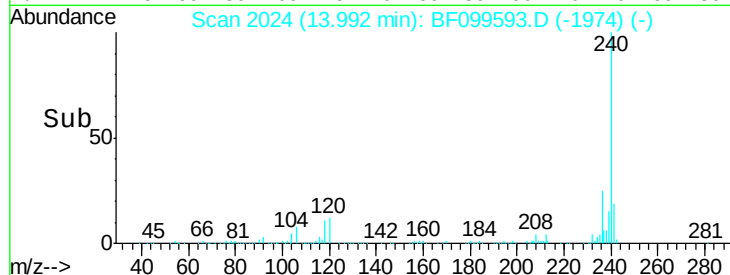
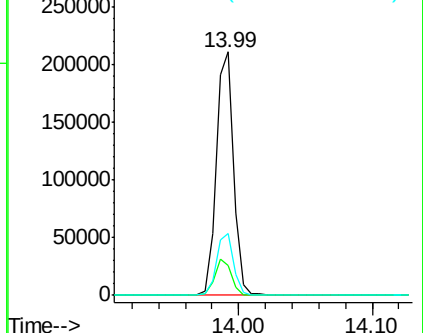
236 25.3 20.7 31.1



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: 92.60 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099593.D

Acq: 17 Oct 2017 20:51

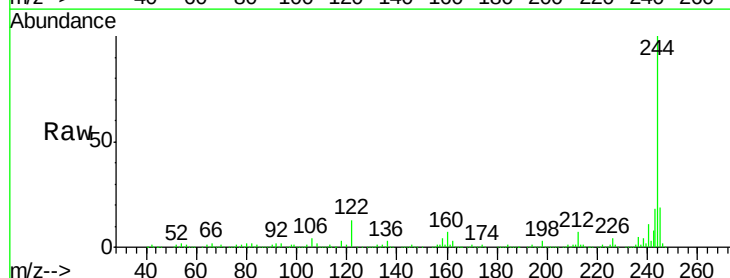
Tgt Ion:244 Resp: 786419

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

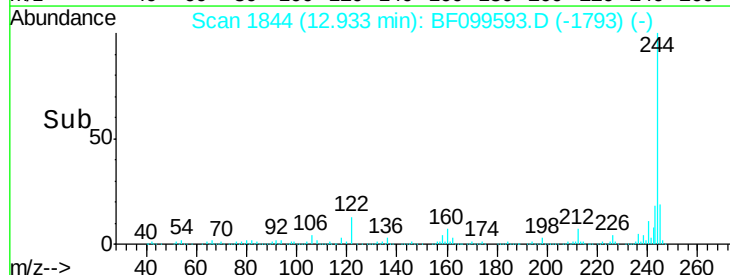
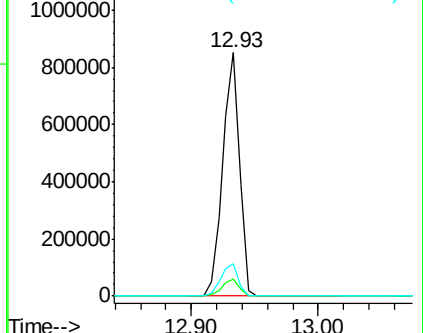
122 13.3 11.0 16.4

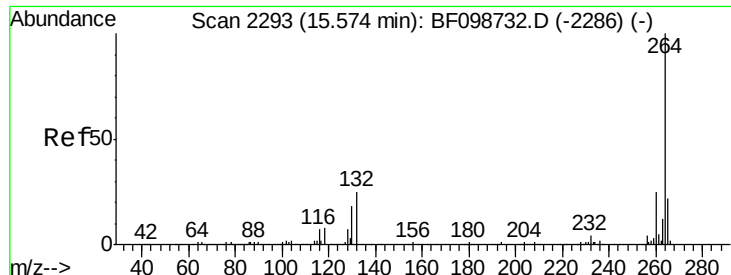


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

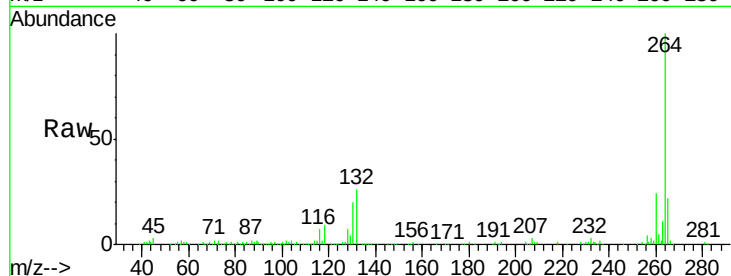




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF099593.D
 Acq: 17 Oct 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	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

