

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099595.D
 Acq On : 17 Oct 2017 21:46
 Operator : SJ/JU
 Sample : I5869-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:54:49 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

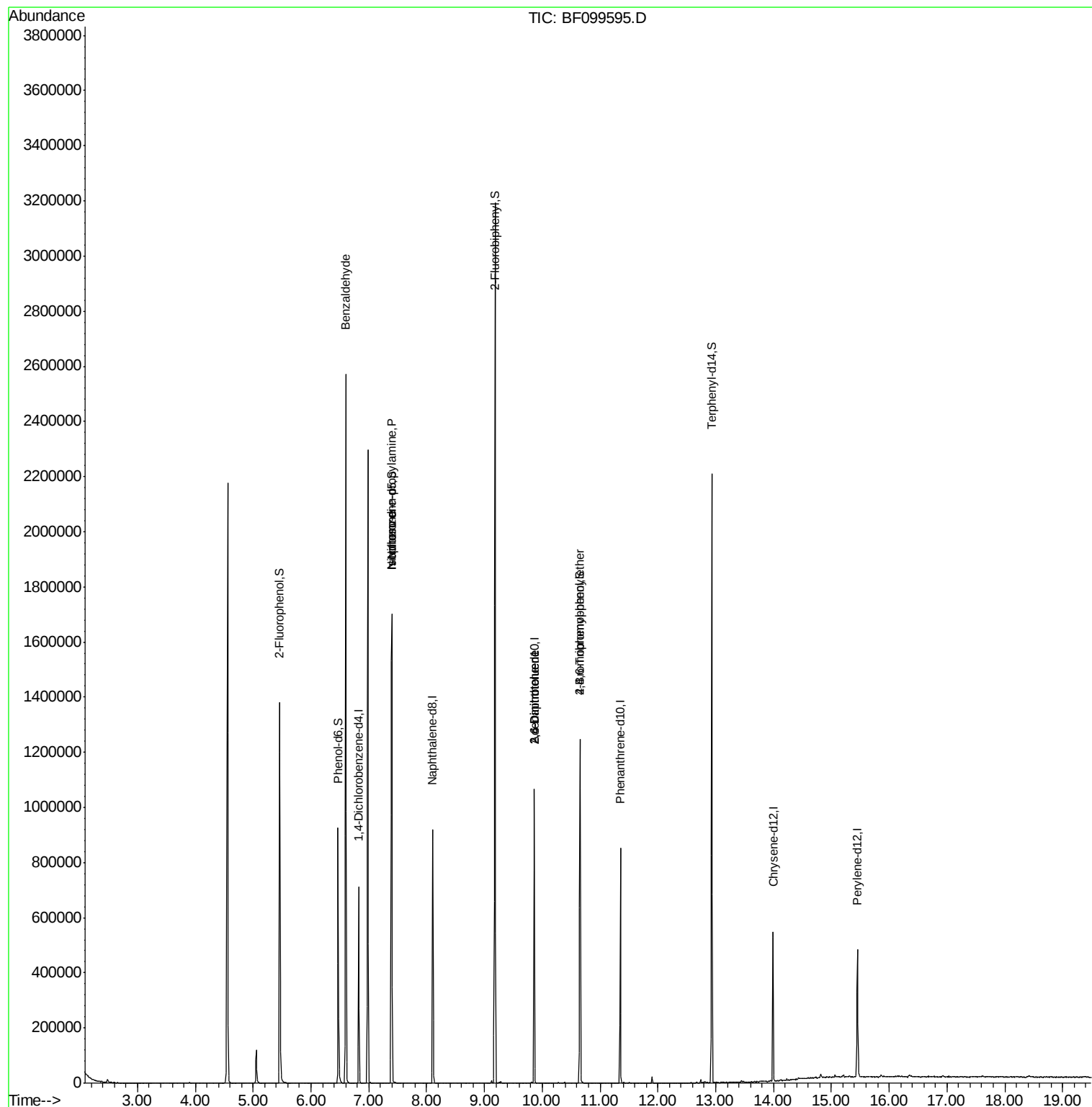
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	113095	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	451867	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	198482	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	298665	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185764	20.00	ng	0.00
86) Perylene-d12	15.45	264	200025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	438955	61.79	ng	0.01
7) Phenol-d6	6.47	99	321961	36.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	646996	91.82	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	152543	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1170842	98.48	ng	0.00
78) Terphenyl-d14	12.93	244	700901	85.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	14043	2.76	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.40	70	82614	14.76	ng	# 70
25) Isophorone	7.40	82	646987	44.41	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	25228	7.74	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	25228	5.96	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	10569	3.62	ng	# 1

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

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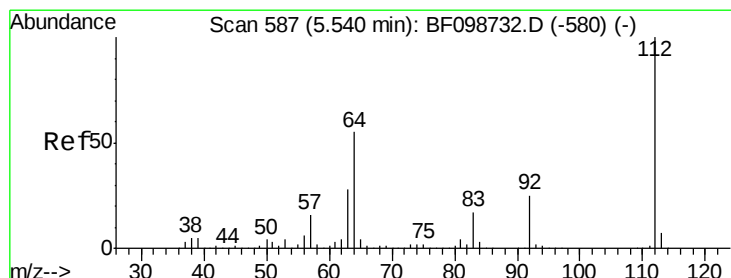
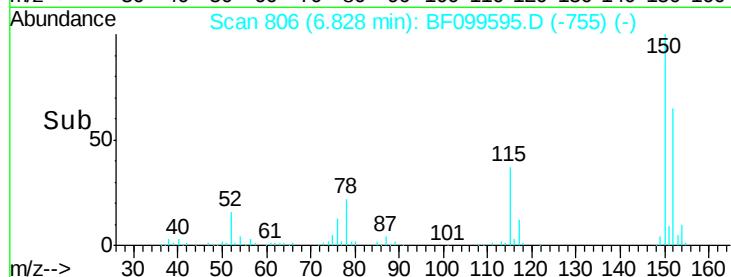
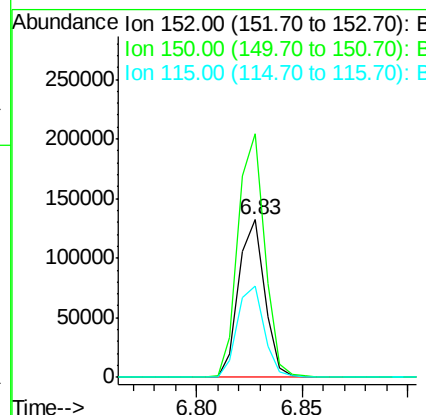
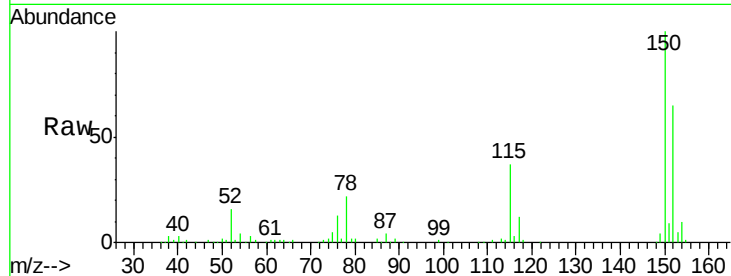


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampled :

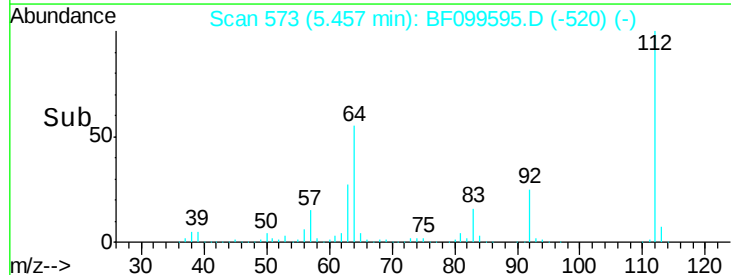
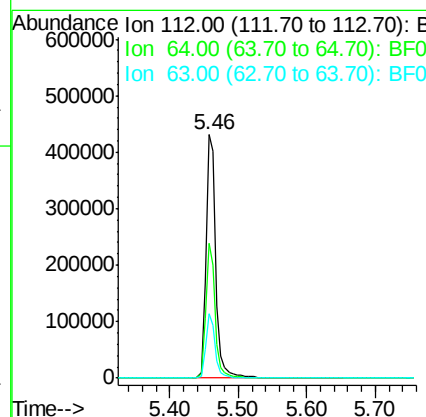
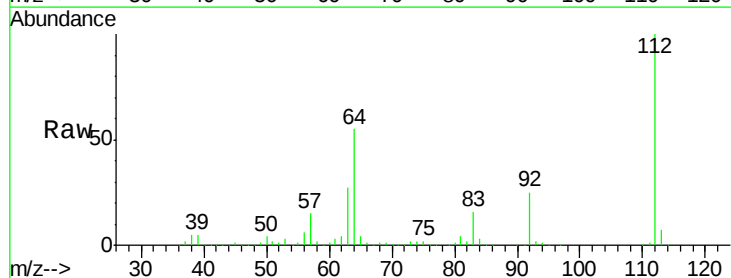
Tot Ion:152 Resp: 113095
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.8 50.1 75.1

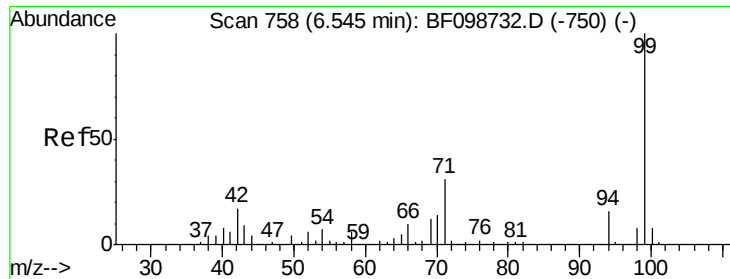


#5

2-Fluorophenol
Concen: 61.79 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:112 Resp: 438955
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 26.7 23.7 35.5





#7

Phenol-d6

Concen: 36.74 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099595.D

Acq: 17 Oct 2017 21:46

Instrument :

BNA_F

ClientSampled :

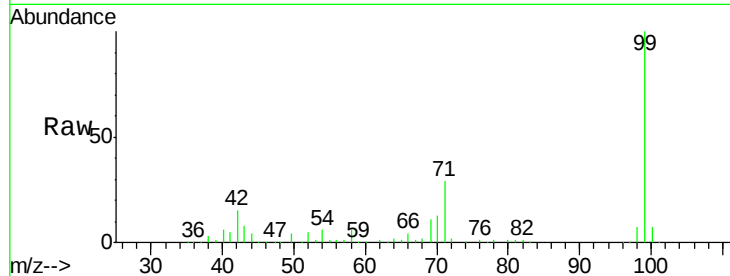
Tot Ion: 99 Resp: 321961

Ion Ratio Lower Upper

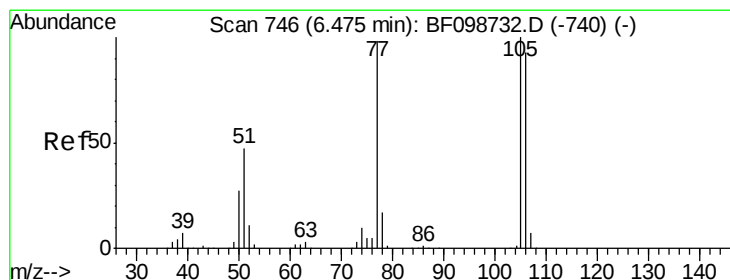
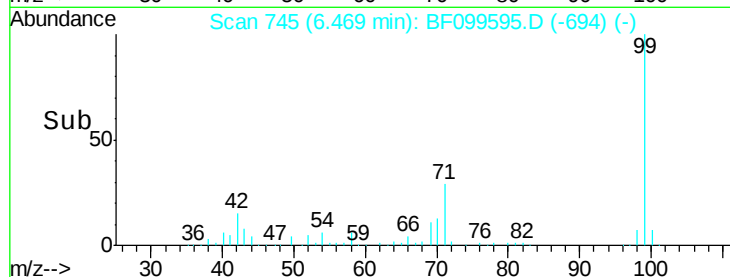
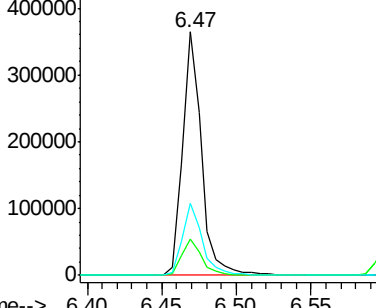
99 100

42 15.0 14.5 21.7

71 29.4 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: 2.76 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099595.D

Acq: 17 Oct 2017 21:46

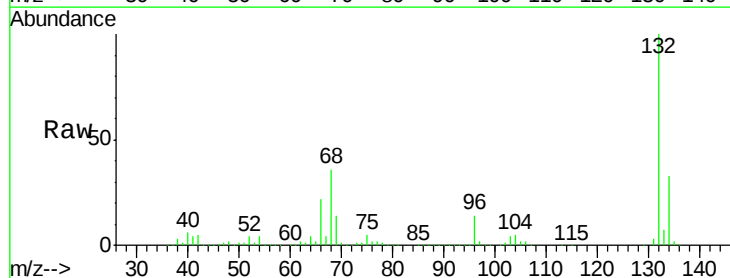
Tgt Ion: 77 Resp: 14043

Ion Ratio Lower Upper

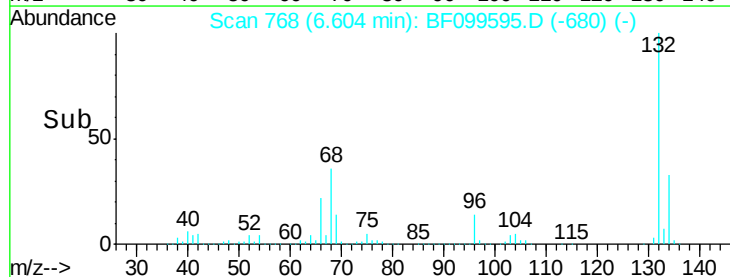
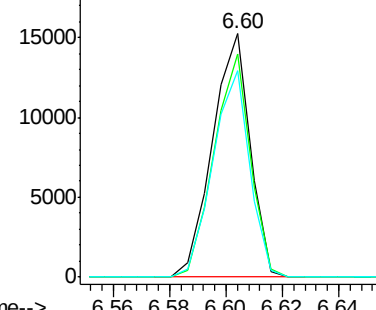
77 100

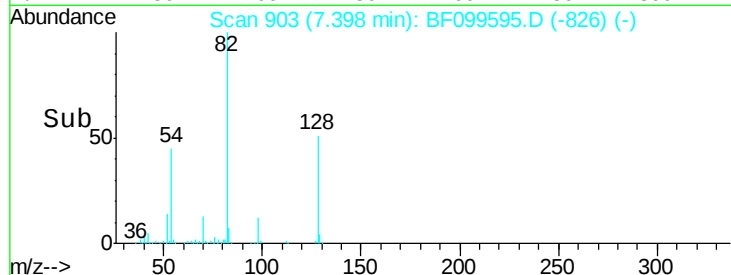
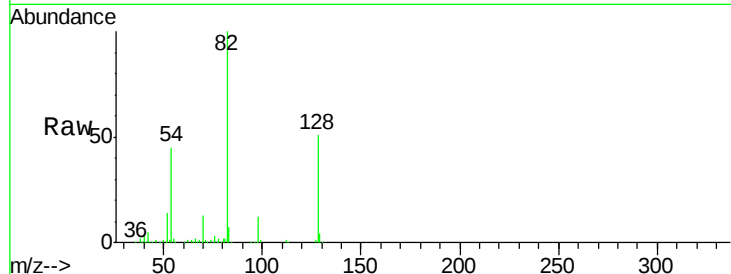
105 91.7 81.1 121.1

106 84.7 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

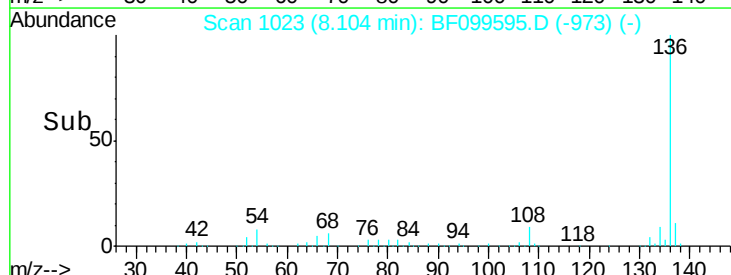
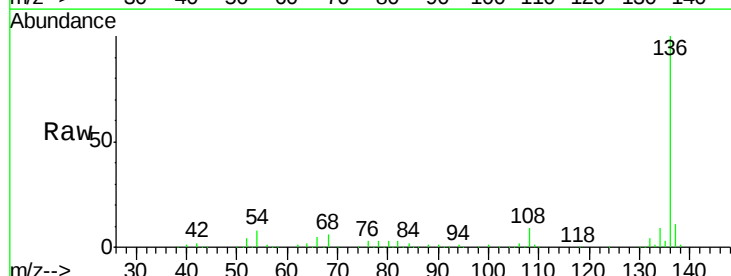
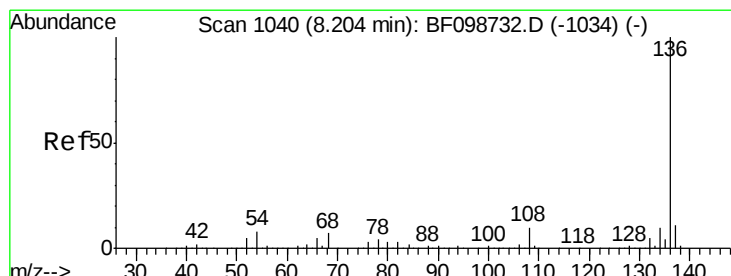
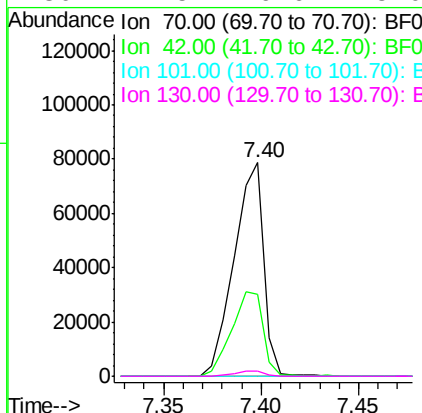




#19
n-Nitroso-di-n-propylamine
Concen: 14.76 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

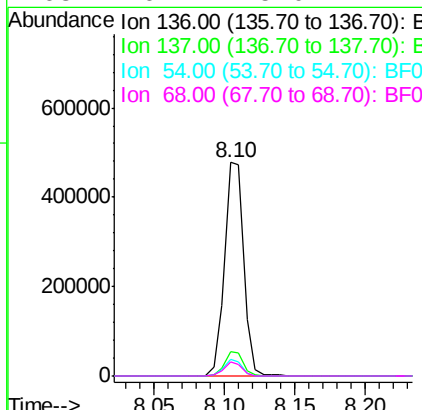
Instrument :
BNA_F
ClientSampleId :

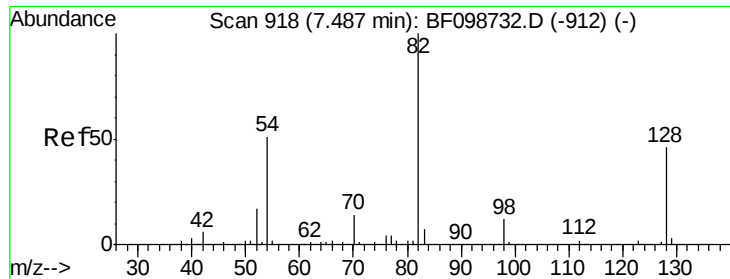
Tot Ion: 70 Resp: 82614
Ion Ratio Lower Upper
70 100
42 38.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion: 136 Resp: 451867
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.6 9.8
68 6.4 5.0 7.4

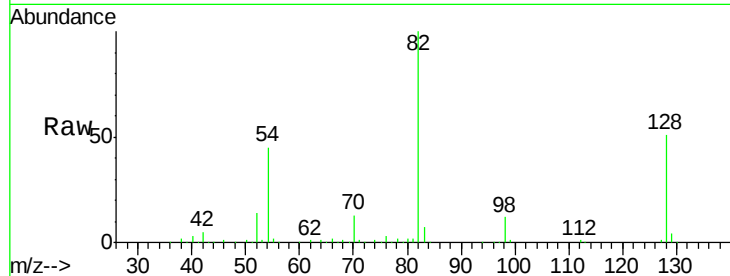




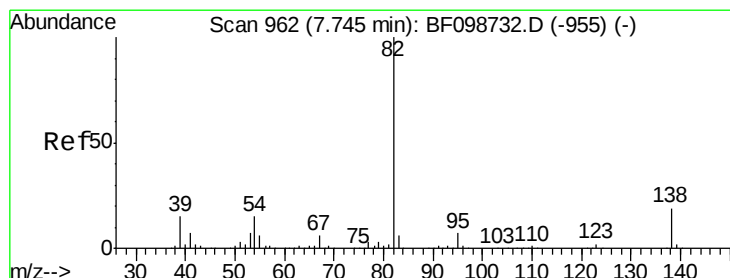
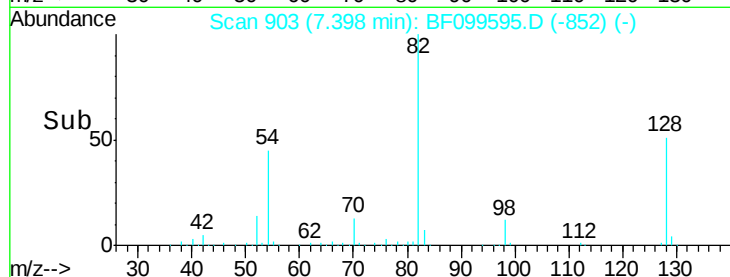
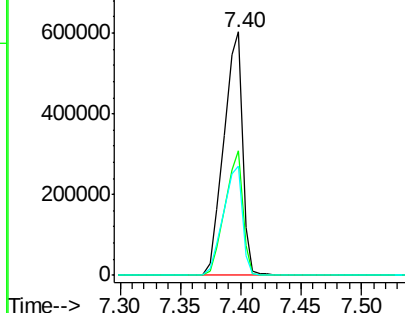
#23
 Nitrobenzene-d5
 Concen: 91.82 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	646996
Ion Ratio	Lower	Upper	
82	100		
128	50.9	36.1	54.1
54	44.8	41.4	62.2

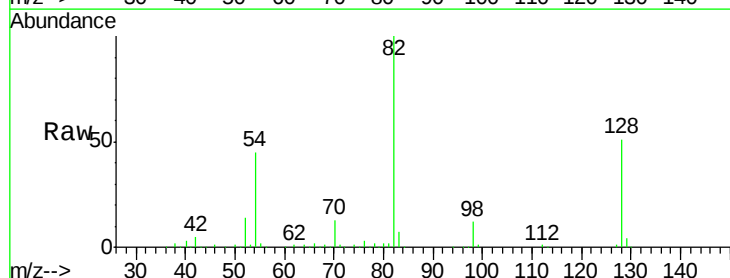


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

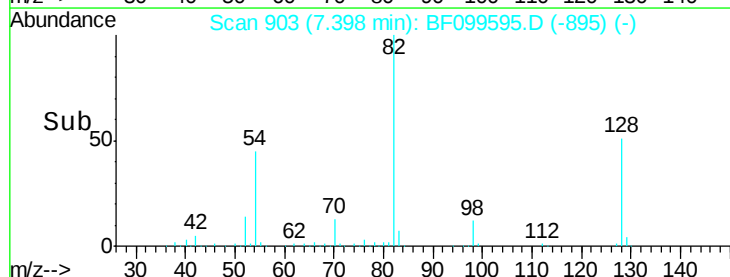
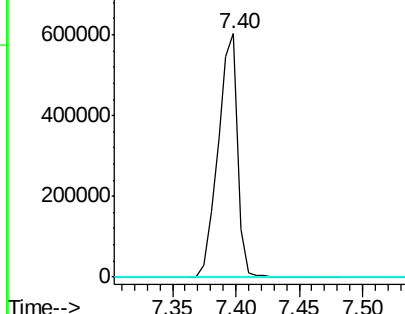


#25
 Isophorone
 Concen: 44.41 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.25 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Tgt Ion	82	Resp	646987
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: BF099595.D

Acq: 17 Oct 2017 21:46

Instrument :

BNA_F

ClientSampleId :

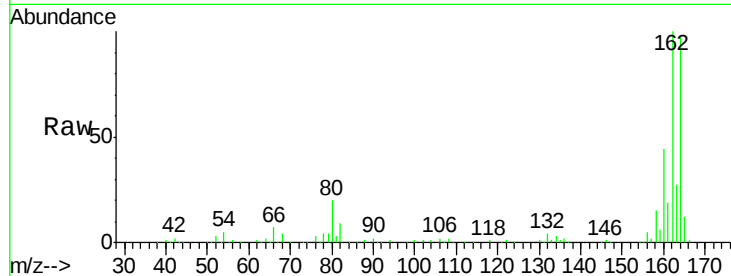
Tot Ion:164 Resp: 198482

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

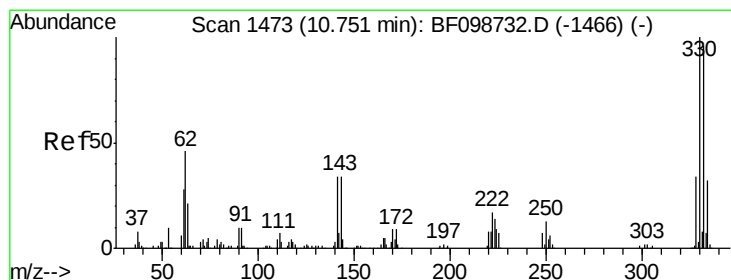
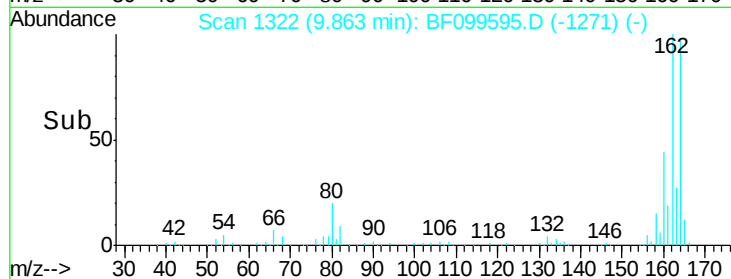
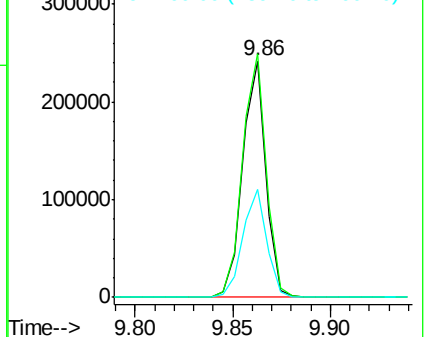
160 45.5 38.3 57.5



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: 93.92 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF099595.D

Acq: 17 Oct 2017 21:46

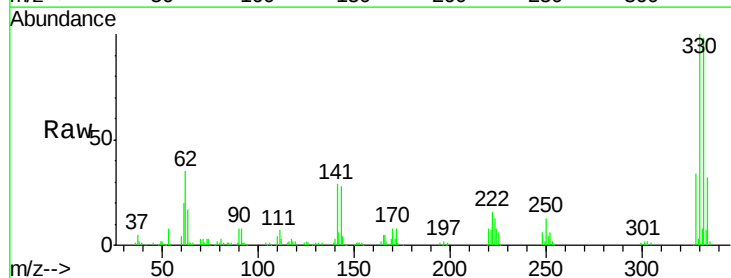
Tgt Ion:330 Resp: 152543

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

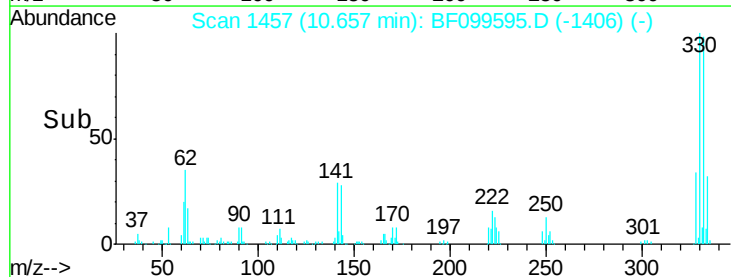
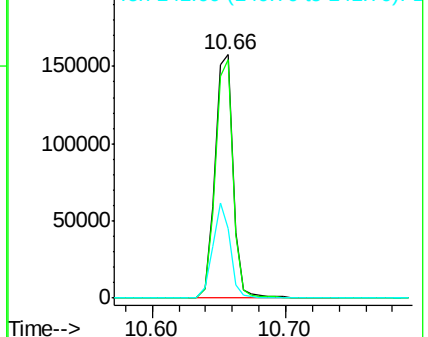
141 36.8 29.9 44.9



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

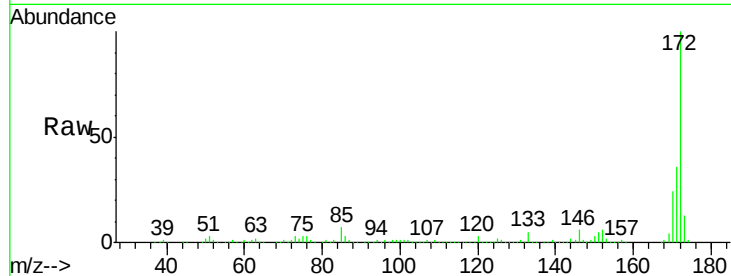




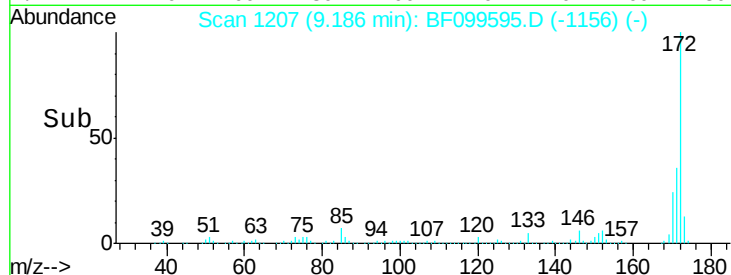
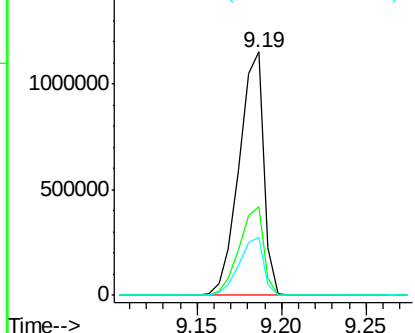
#44
 2-Fluorobiphenyl
 Concen: 98.48 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1170842
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4

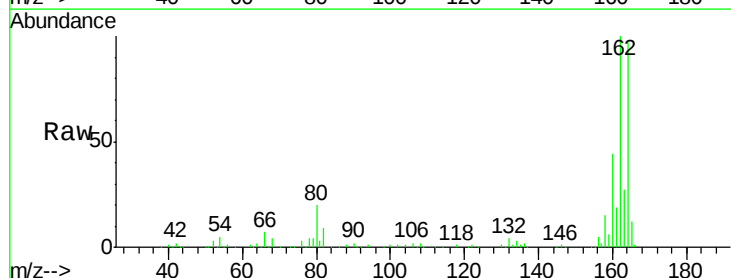


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

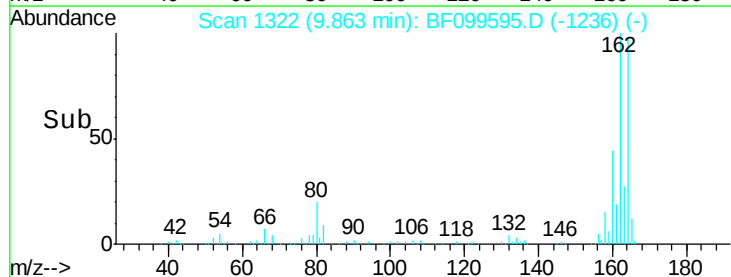
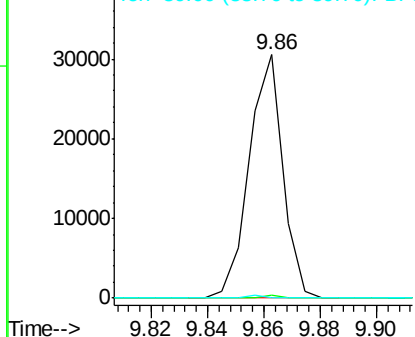


#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Tgt Ion:165 Resp: 25228
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 0.0 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

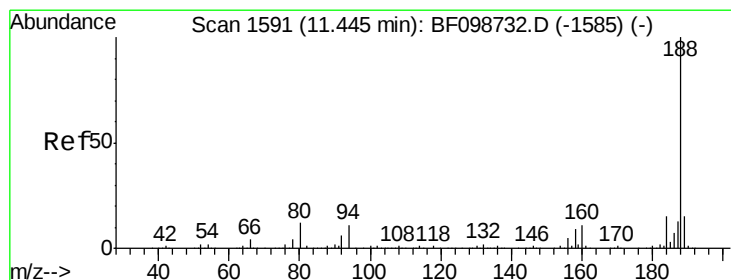
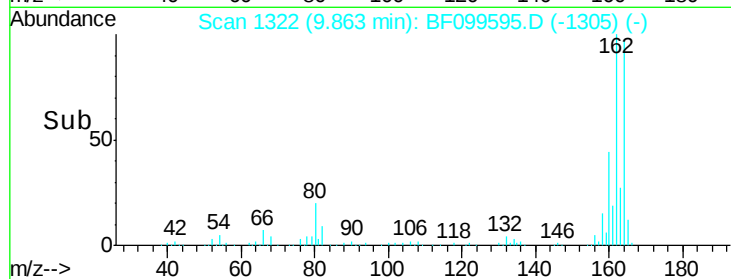
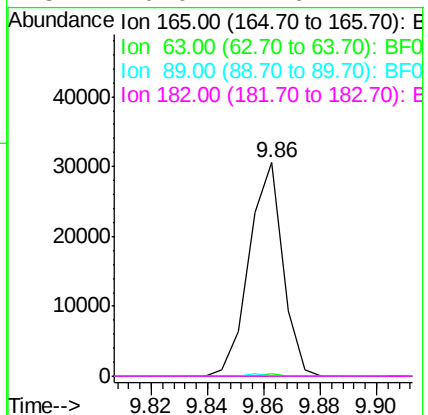
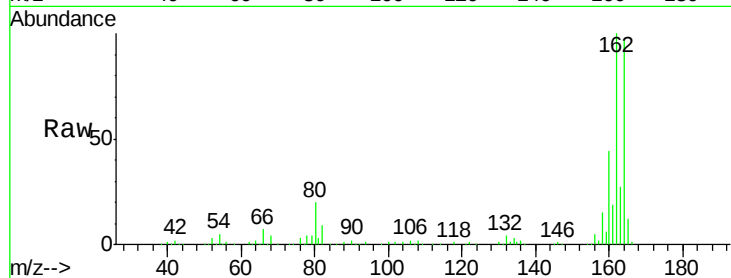




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

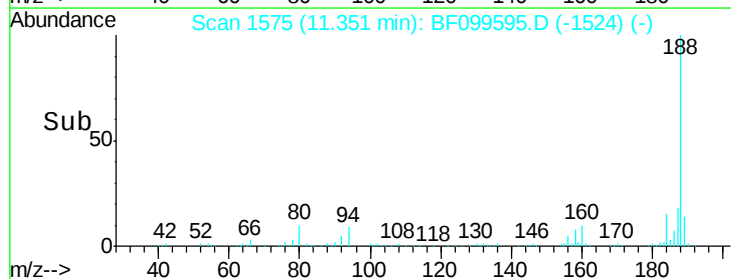
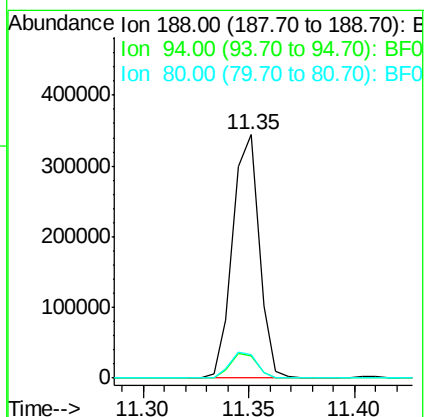
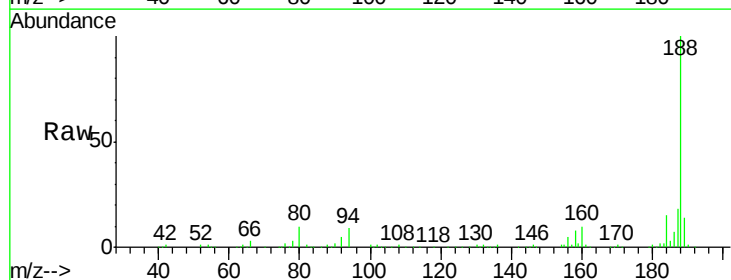
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	25228
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Tgt Ion:188	Resp:	298665
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.5 12.7
80	9.8	9.2 13.8

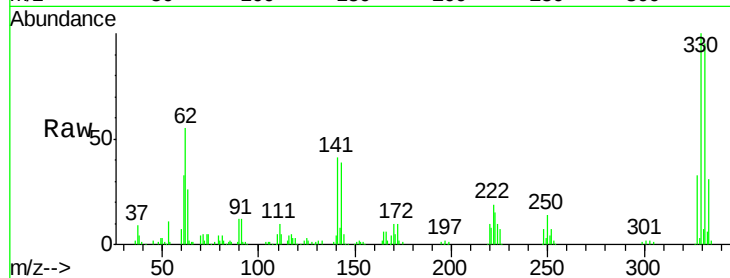




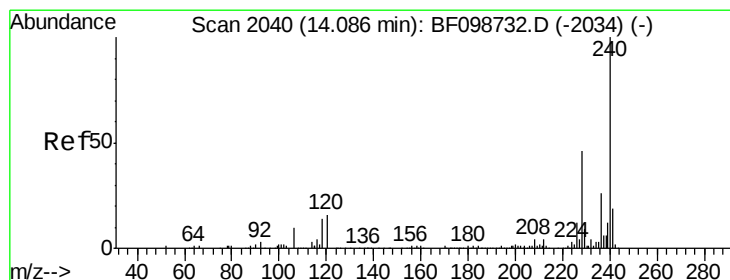
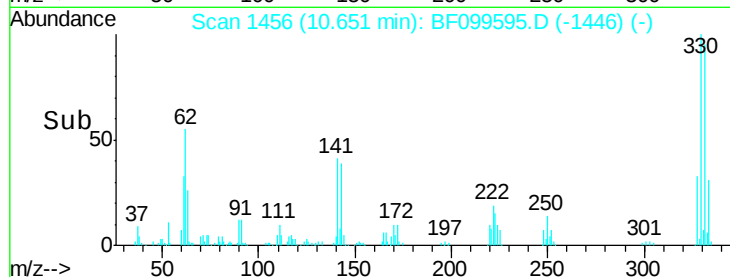
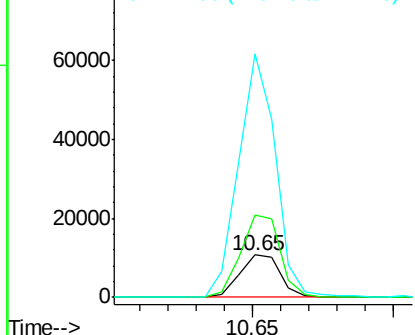
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10569
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 572.7 74.4 111.6#

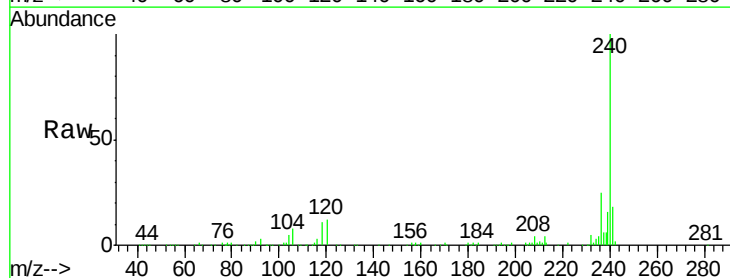


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

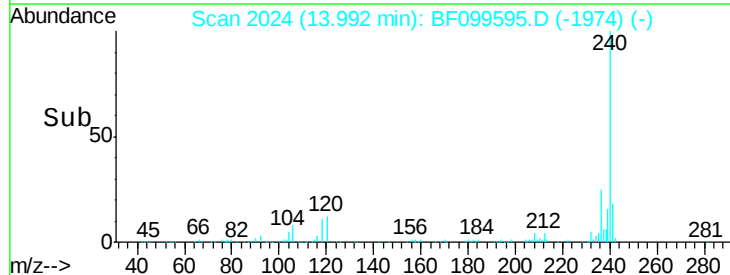
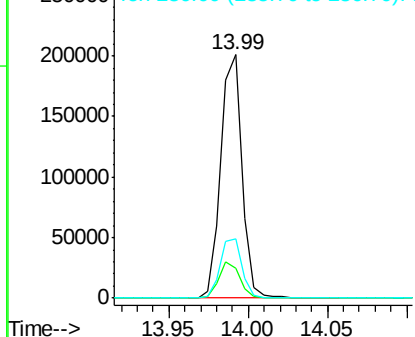


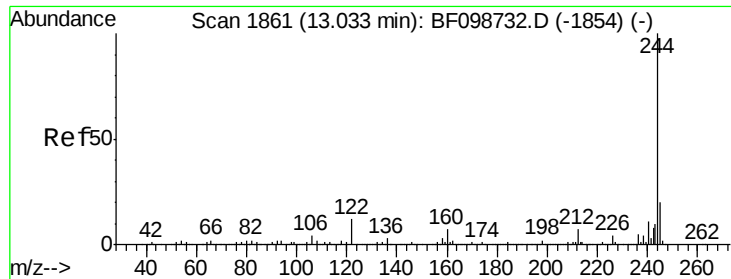
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:240 Resp: 185764
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.6 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

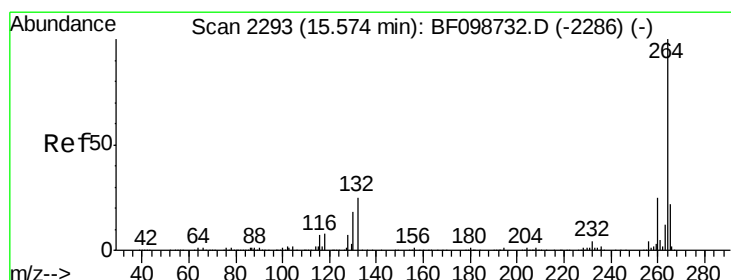
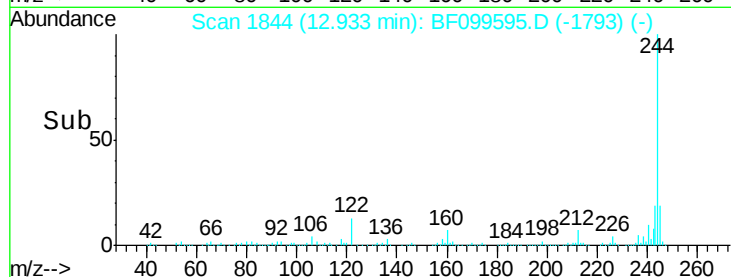
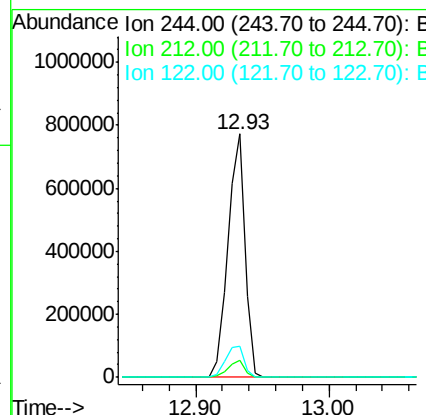
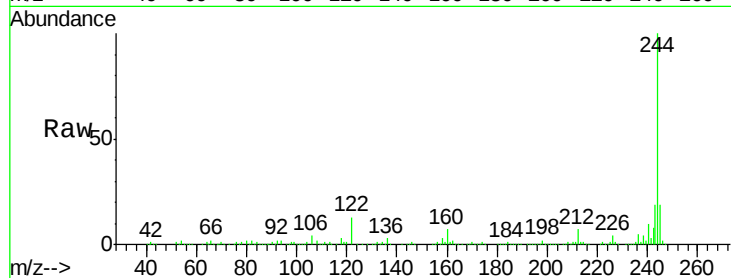




#78
 Terphenyl-d14
 Concen: 85.81 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 700901
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099595.D
 Acq: 17 Oct 2017 21:46

Tgt Ion:264 Resp: 200025
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.5 26.3

