

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100078.D
 Acq On : 2 Nov 2017 6:57
 Operator : SJ/JU
 Sample : I6225-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 07:26:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

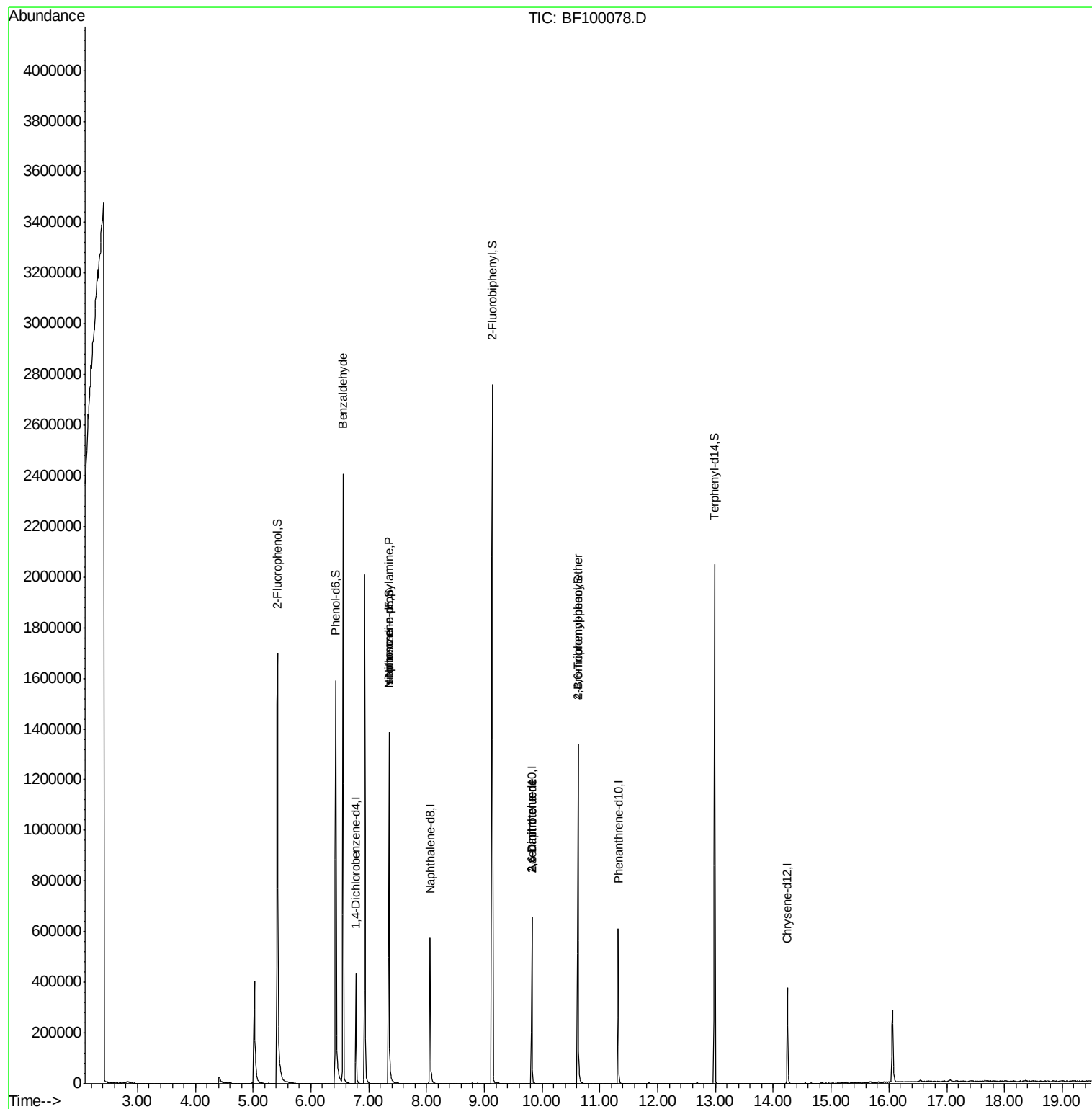
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	81630	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	330141	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	146667	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	236698	20.00	ng	0.00
75) Chrysene-d12	14.24	240	147967	20.00	ng	0.27
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	707925	136.15	ng	0.03
7) Phenol-d6	6.43	99	760759	123.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	514803	100.39	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	191341	143.15	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1083321	113.96	ng	0.00
78) Terphenyl-d14	12.99	244	780306	115.25	ng	0.09
Target Compounds						
9) Benzaldehyde	6.56	77	12894	3.500	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	64421	17.831	ng	# 70
25) Isophorone	7.35	82	514803	55.325	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	18258	7.478	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	18258	6.209	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	12673	5.086	ng	# 1

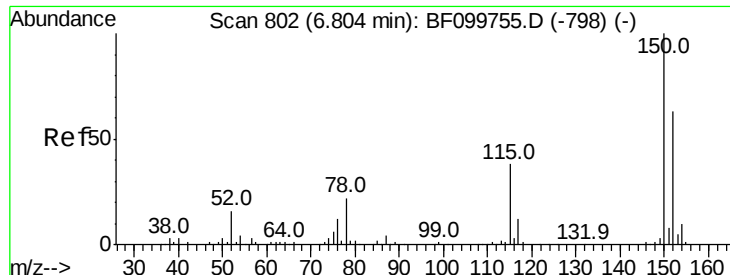
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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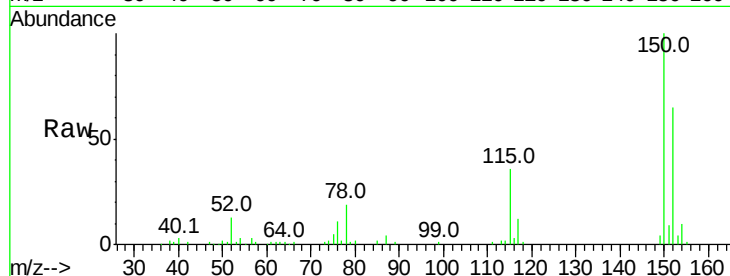


#1

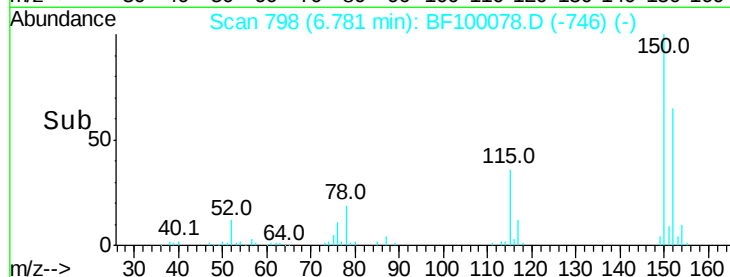
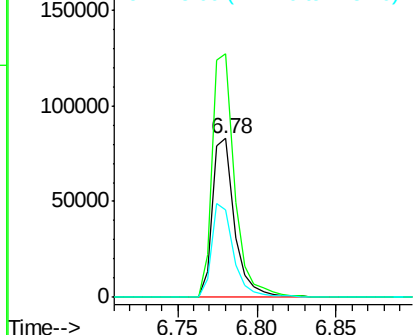
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 81630
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 186.8
 115 55.1 50.1 75.1



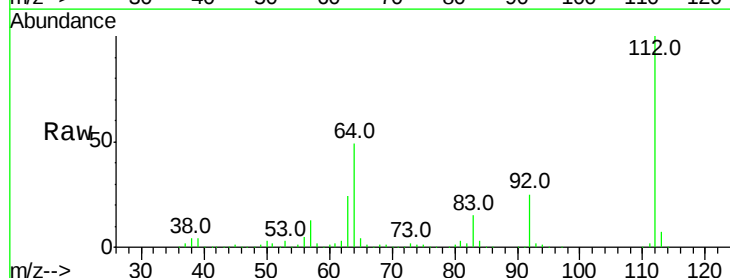
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



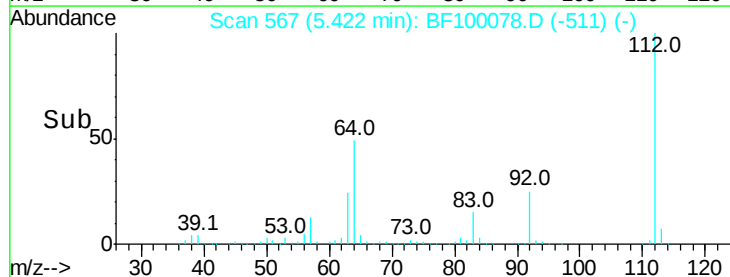
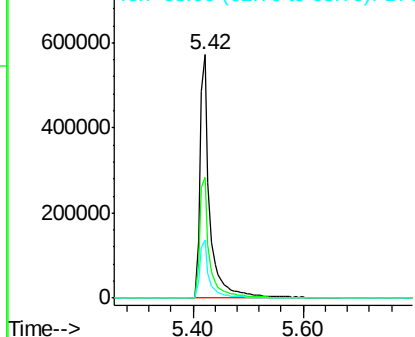
#5

2-Fluorophenol
 Concen: 136.153 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.03 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Tgt Ion:112 Resp: 707925
 Ion Ratio Lower Upper
 112 100
 64 49.5 47.9 71.9
 63 23.7 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.397 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

Instrument :

BNA_F

ClientSampleId :

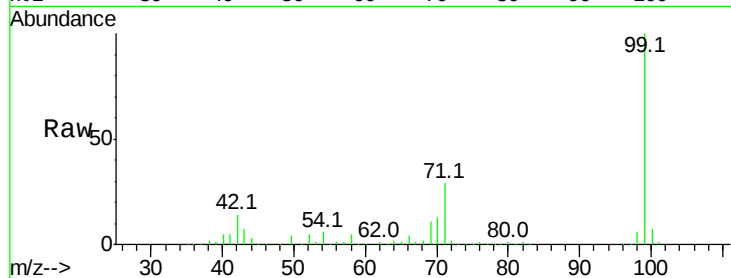
Tot Ion: 99 Resp: 760759

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

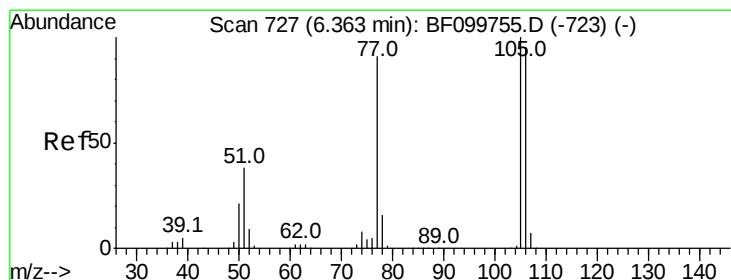
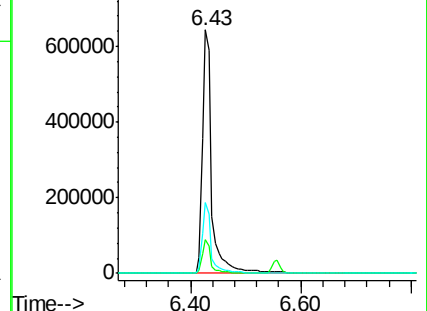
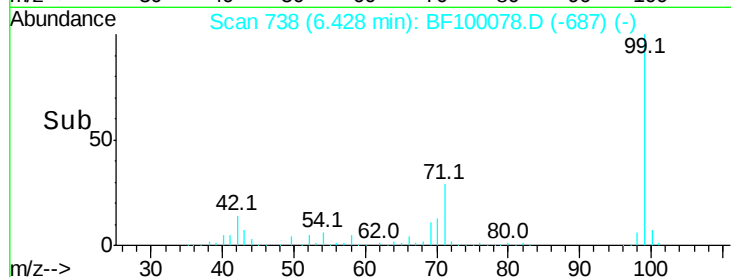
71 29.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.500 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

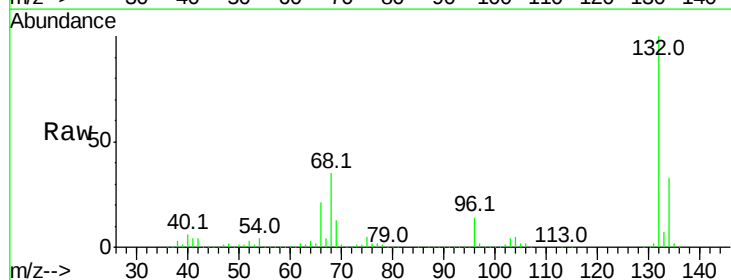
Tgt Ion: 77 Resp: 12894

Ion Ratio Lower Upper

77 100

105 89.7 81.1 121.1

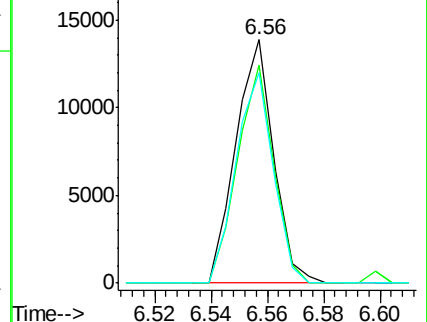
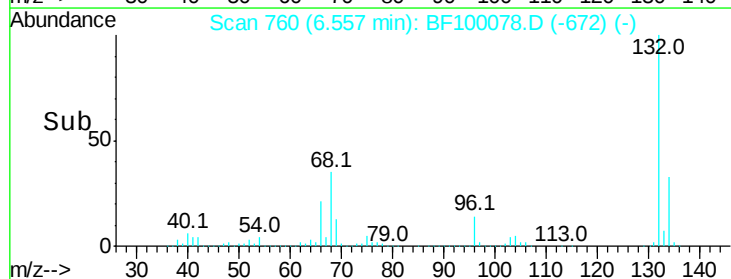
106 86.5 74.5 114.5

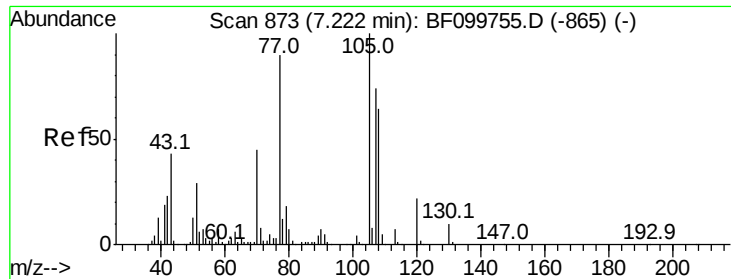


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

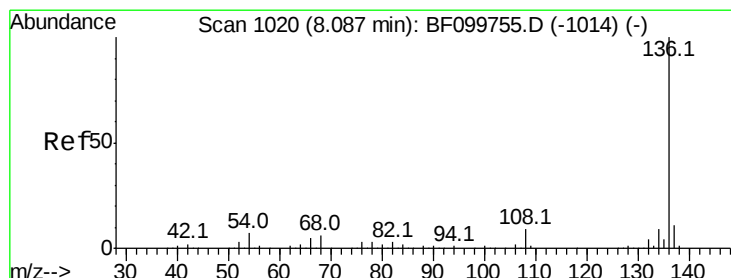
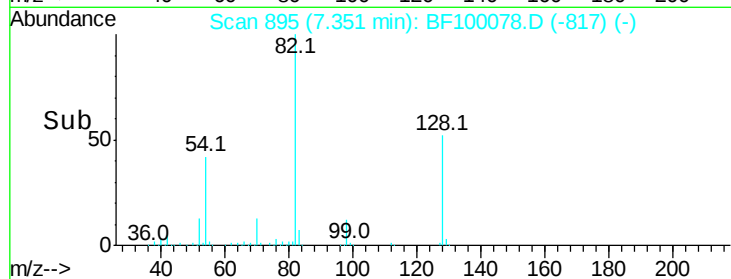
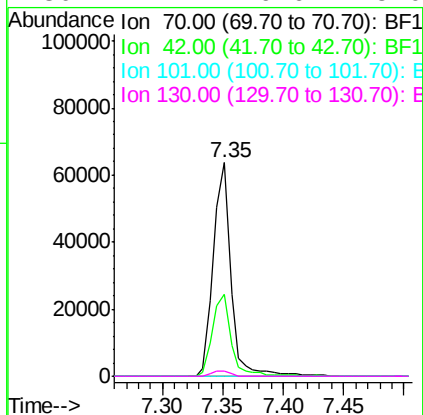
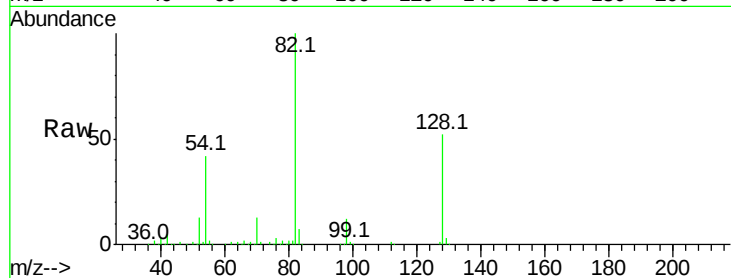




#19
n-Nitroso-di-n-propylamine
Concen: 17.831 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF100078.D
Acq: 2 Nov 2017 6:57

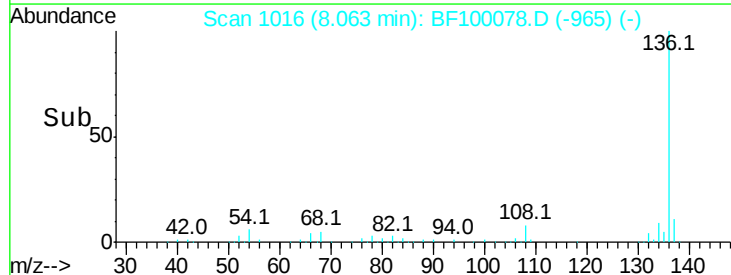
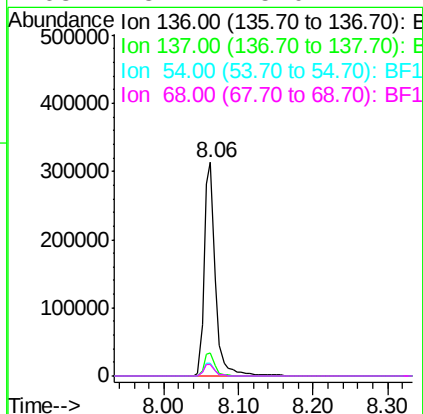
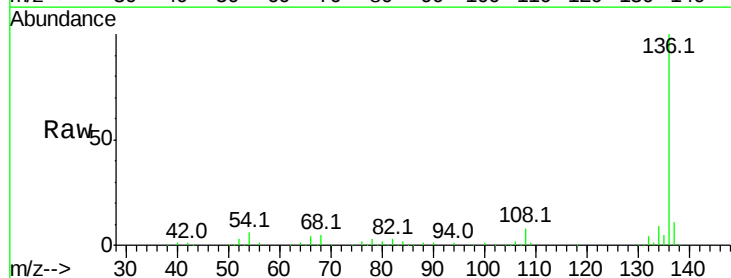
Instrument :
BNA_F
ClientSampleId :

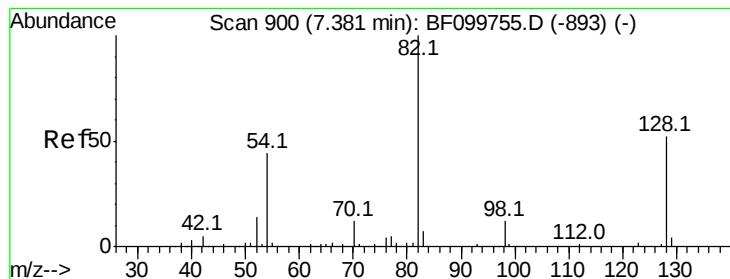
Tot Ion: 70 Resp: 64421
Ion Ratio Lower Upper
70 100
42 38.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100078.D
Acq: 2 Nov 2017 6:57

Tgt Ion:136 Resp: 330141
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.2 6.6 9.8#
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.391 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

Instrument :

BNA_F

ClientSampleId :

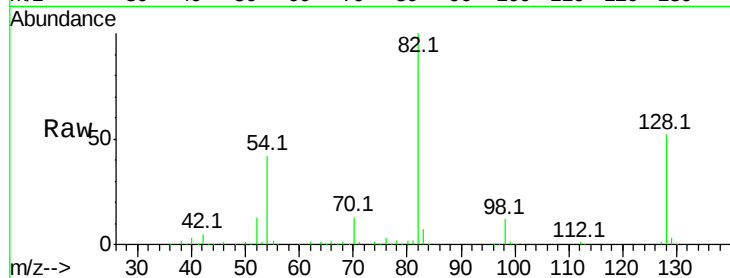
Tot Ion: 82 Resp: 514803

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

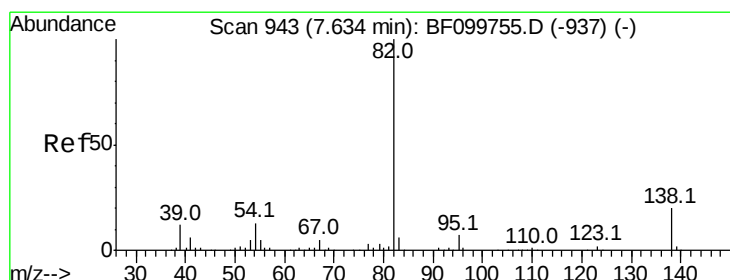
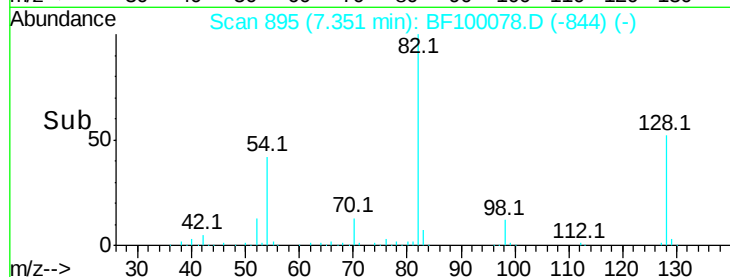
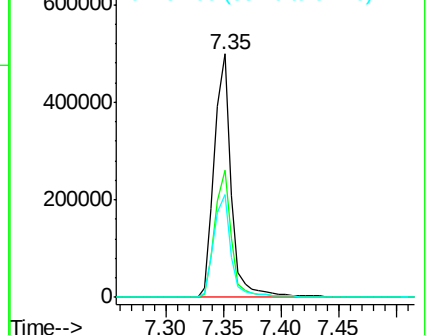
54 42.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 55.325 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

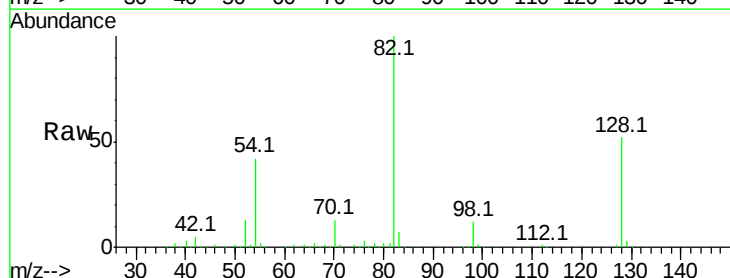
Tgt Ion: 82 Resp: 514803

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

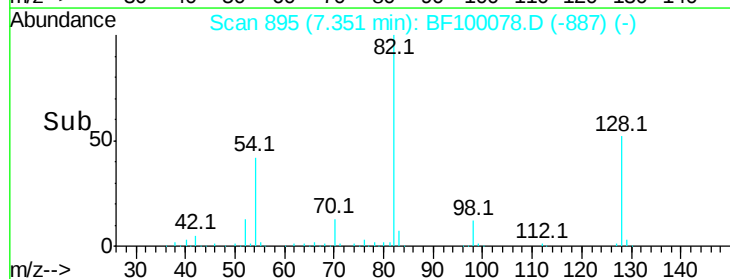
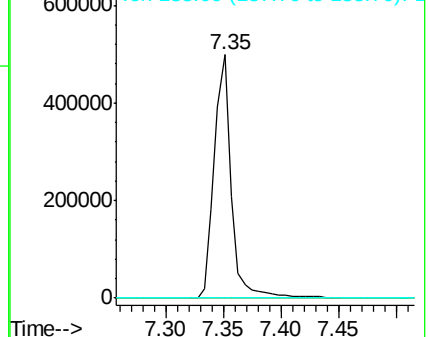
138 0.0 14.9 22.3#

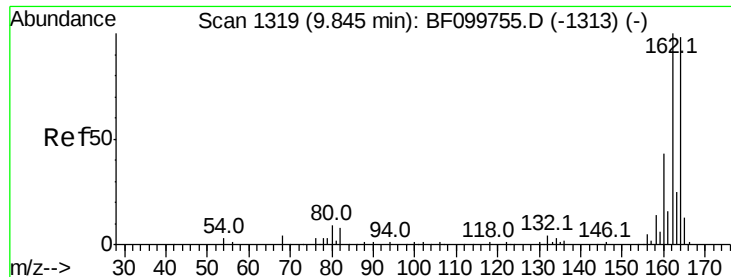


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

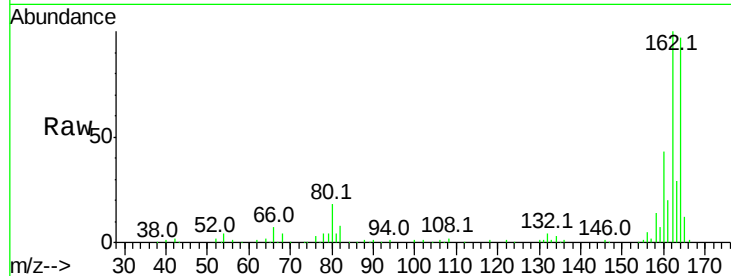




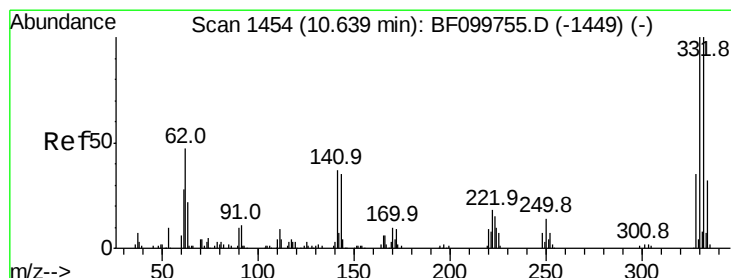
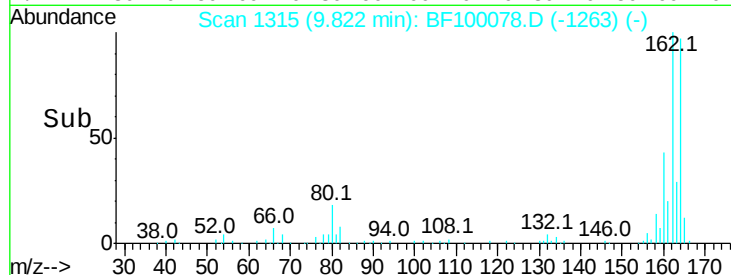
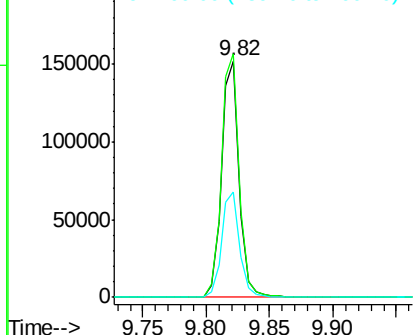
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100078.D
Acq: 2 Nov 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 146667
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.4 38.3 57.5

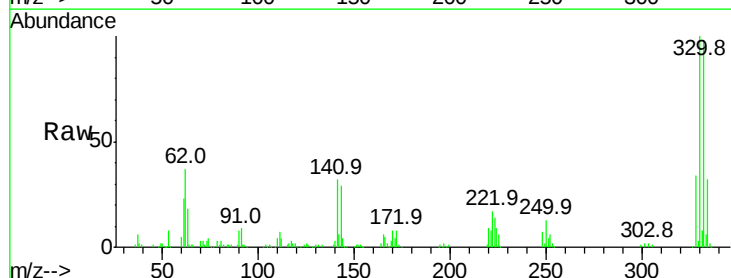


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

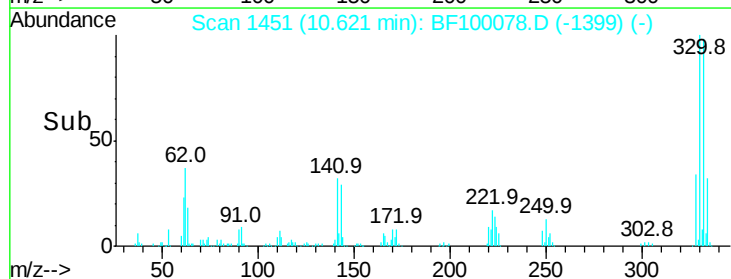
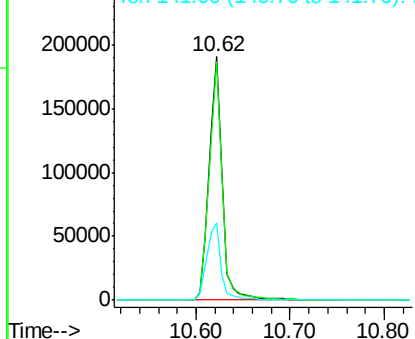


#41
2,4,6-Tribromophenol
Concen: 143.155 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF100078.D
Acq: 2 Nov 2017 6:57

Tgt Ion:330 Resp: 191341
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.4 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



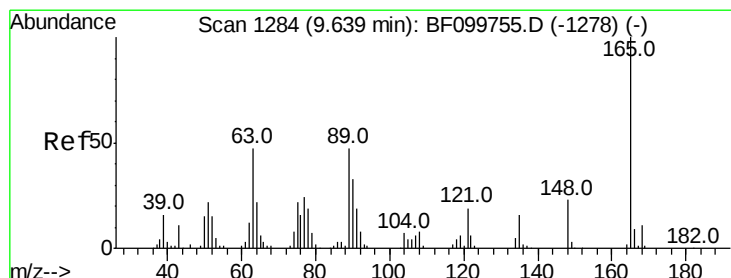
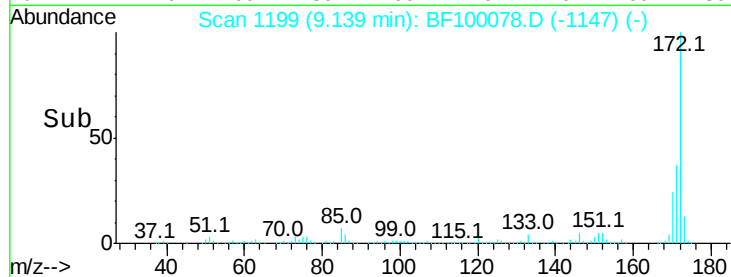
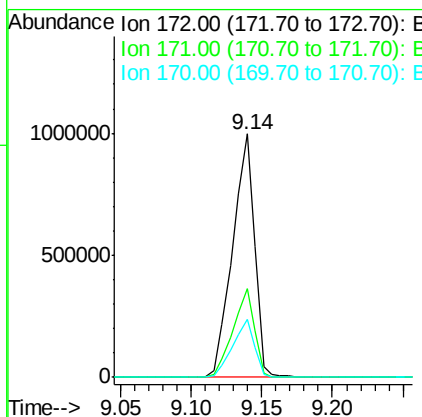
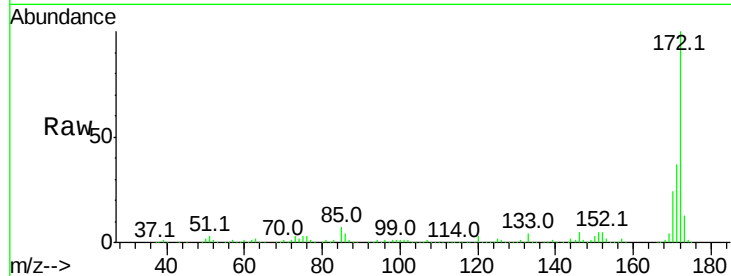


#44
 2-Fluorobiphenyl
 Concen: 113.958 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1083321

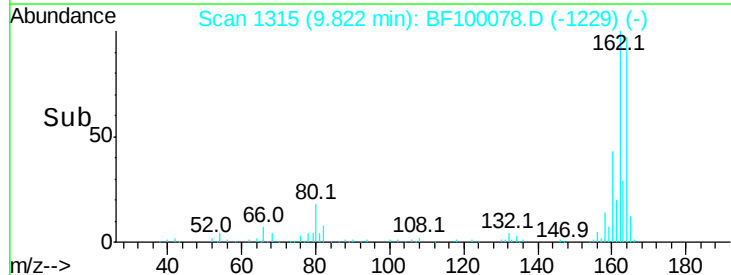
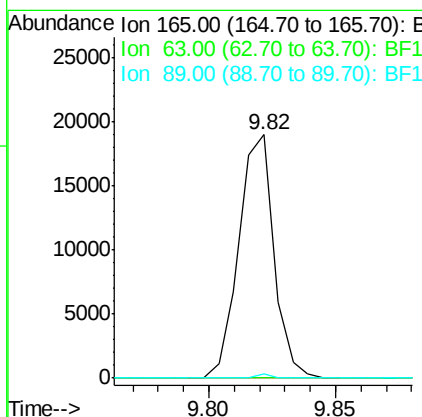
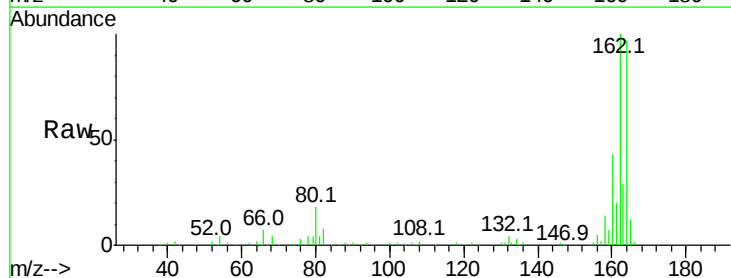
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.478 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Tgt Ion:165 Resp: 18258

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

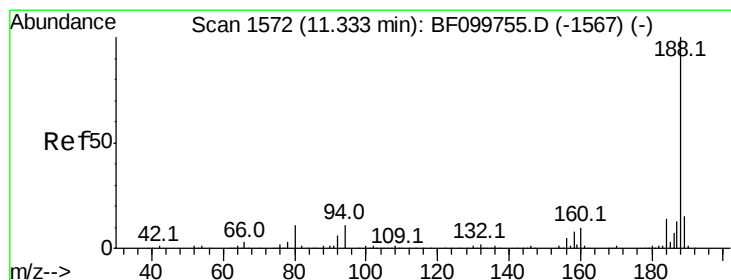
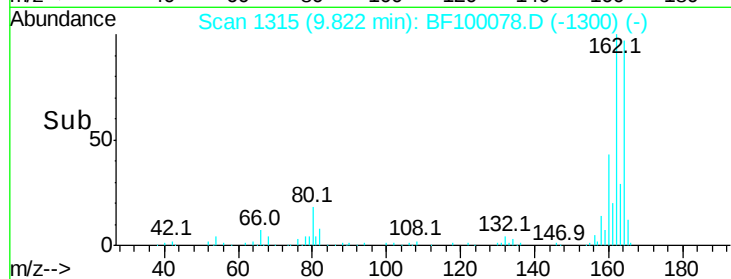
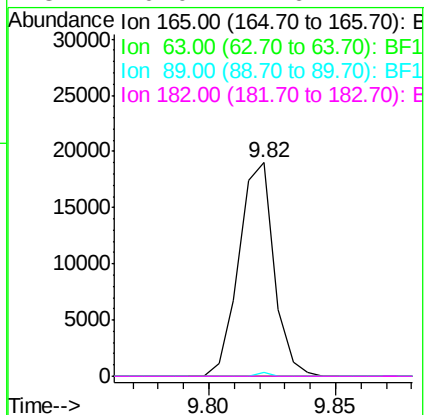
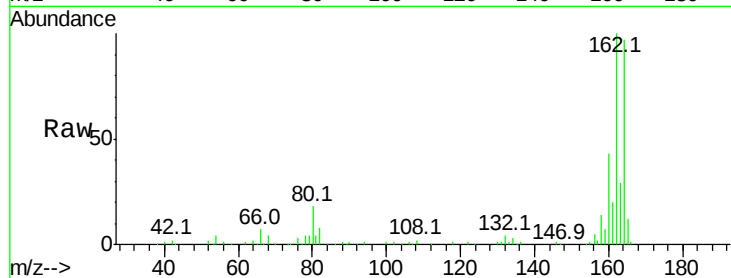




#56
 2,4-Dinitrotoluene
 Concen: 6.209 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

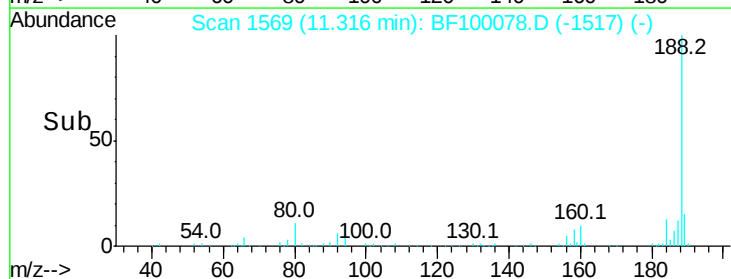
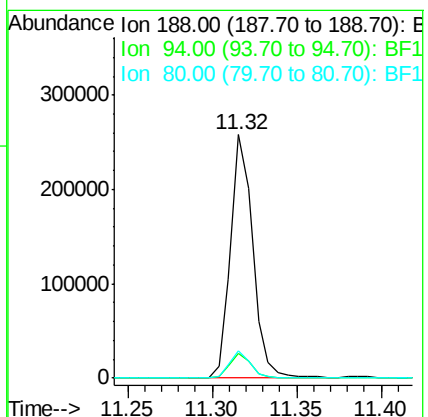
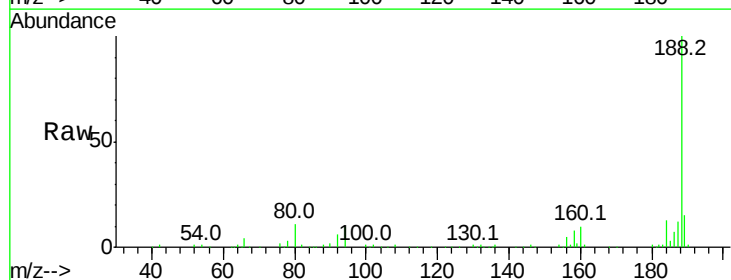
Instrument :
 BNA_F
 ClientSampleId :

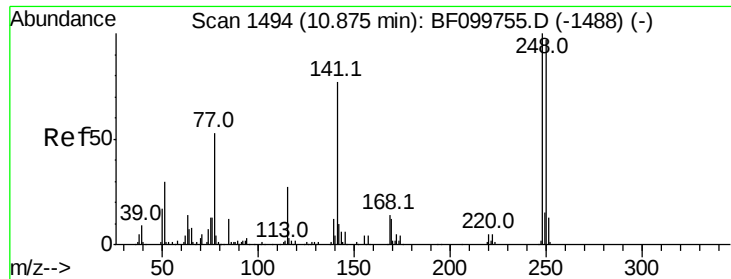
Tot Ion:	165	Resp:	18258
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Tgt Ion:	188	Resp:	236698
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

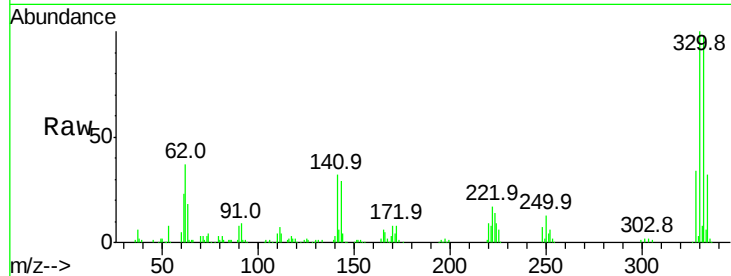




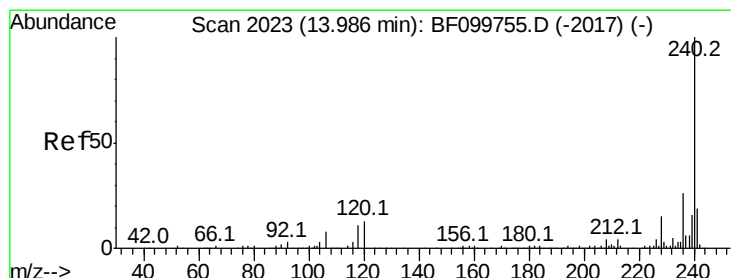
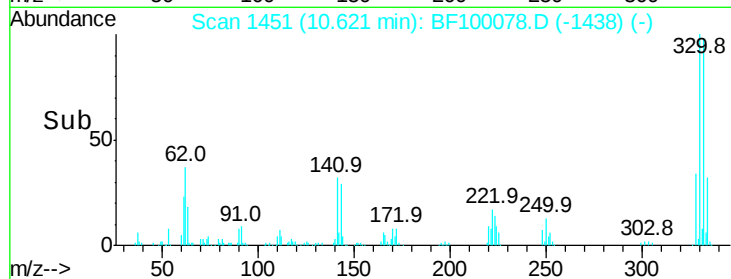
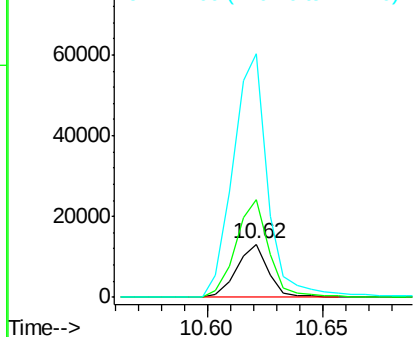
#66
 4-Bromophenyl-phenylether
 Concen: 5.086 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12673
 Ion Ratio Lower Upper
 248 100
 250 185.2 76.9 115.3#
 141 460.4 74.4 111.6#

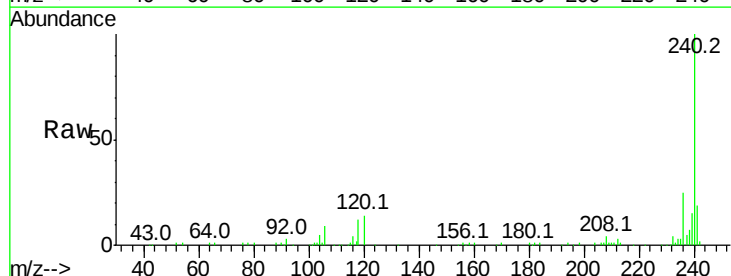


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

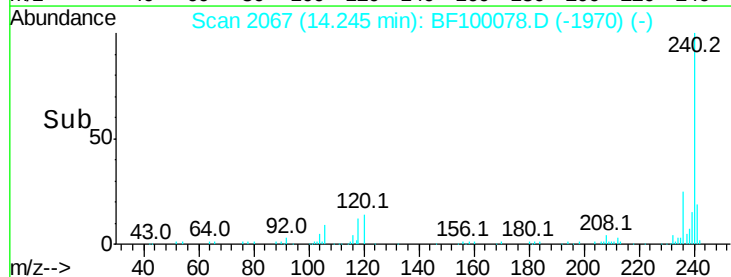
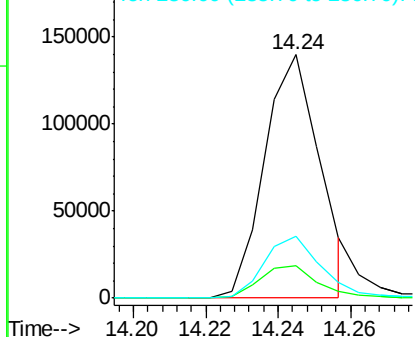


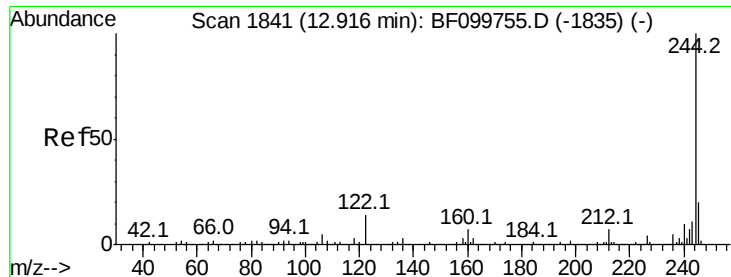
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.24 min Scan# 2067
 Delta R.T. 0.27 min
 Lab File: BF100078.D
 Acq: 2 Nov 2017 6:57

Tgt Ion:240 Resp: 147967
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.2 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: 115.246 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.09 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

Instrument :

BNA_F

ClientSampled :

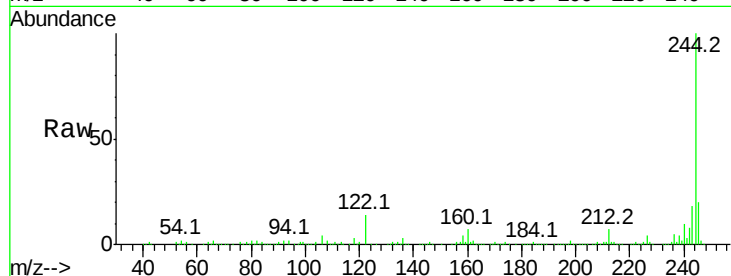
Tot Ion:244 Resp: 780306

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

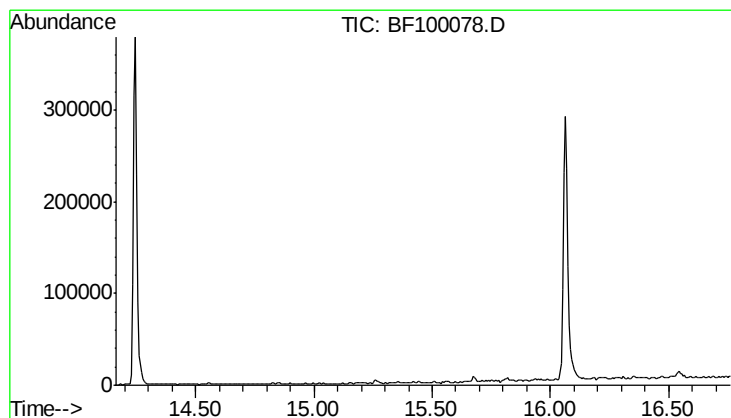
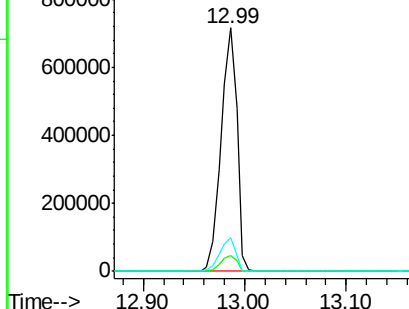
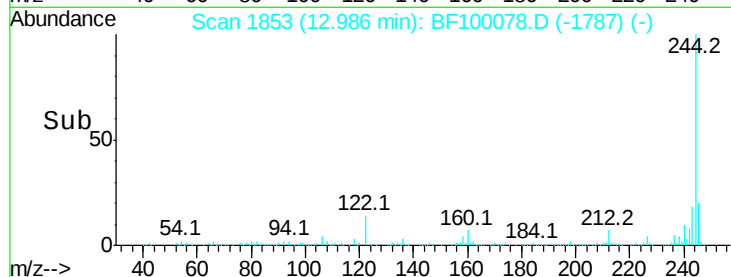
122 14.0 11.0 16.4



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

Perylene-d12

Concen: 0.000 ng

Expected RT: 15.46 min

Lab File: BF100078.D

Acq: 2 Nov 2017 6:57

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

