

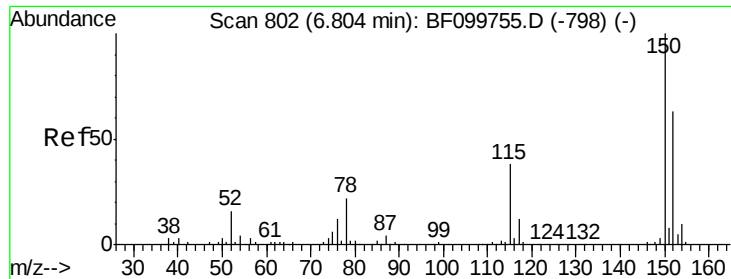
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099776.D
 Acq On : 23 Oct 2017 23:13
 Operator : SJ/JU
 Sample : I6036-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Oct 24 00:37:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103055	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	430593	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	196531	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	310472	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175558	20.00	ng	0.00
86) Perylene-d12	15.44	264	189934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	377032	57.44	ng	0.00
7) Phenol-d6	6.44	99	291639	37.47	ng	-0.01
23) Nitrobenzene-d5	7.37	82	511500	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	178258	99.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1015170	79.69	ng	0.00
78) Terphenyl-d14	12.92	244	672402	83.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	10803	2.32	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.37	70	63748	13.98	ng	# 73
25) Isophorone	7.37	82	511496	42.15	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	25521	7.80	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	25521	6.48	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	11778	3.60	ng	# 1

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

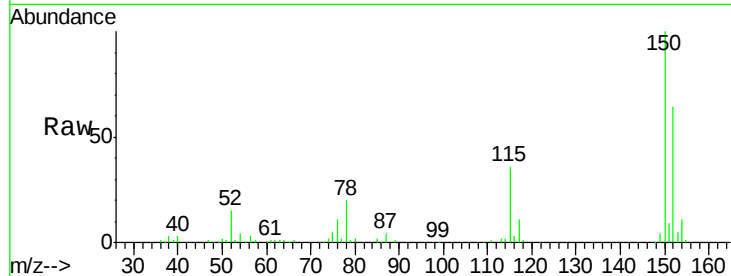


#1

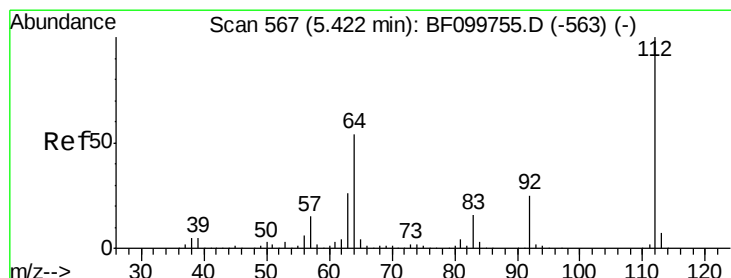
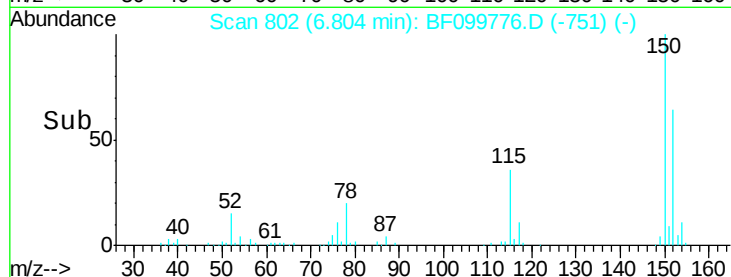
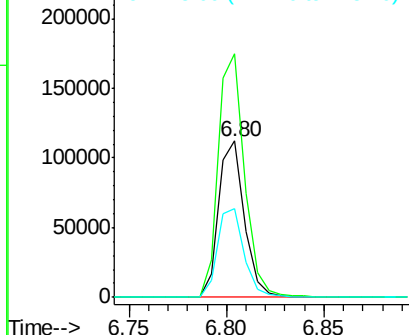
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:152 Resp: 103055
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 56.5 50.1 75.1



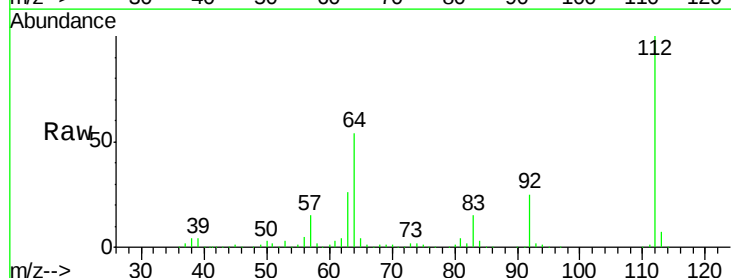
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



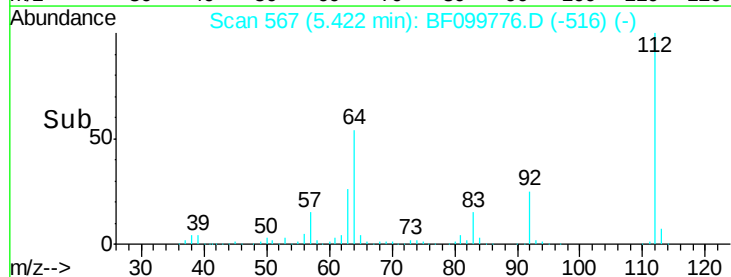
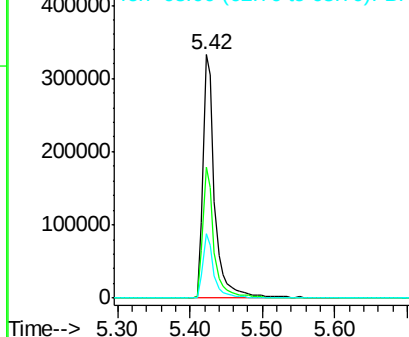
#5

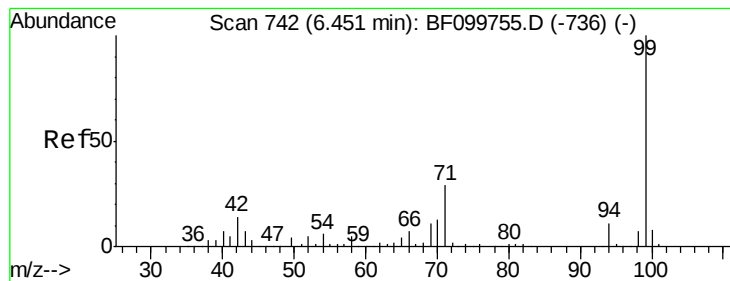
2-Fluorophenol
Concen: 57.44 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

Tgt Ion:112 Resp: 377032
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.5 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: 37.47 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099776.D

Acq: 23 Oct 2017 23:13

Instrument :

BNA_F

ClientSampleId :

MW-5

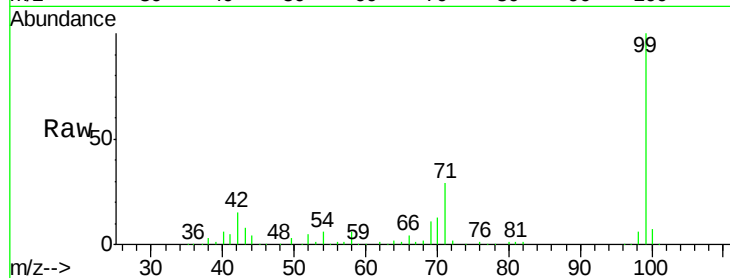
Tot Ion: 99 Resp: 291639

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

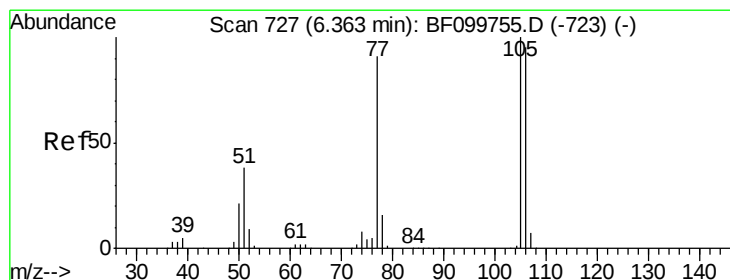
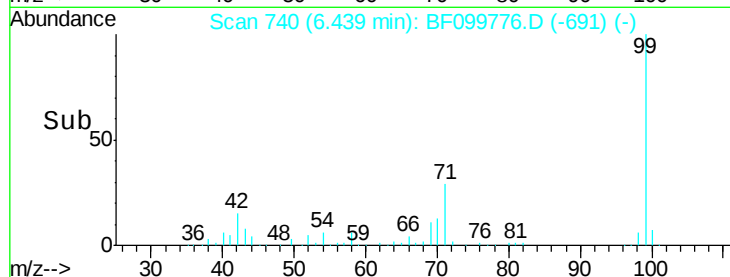
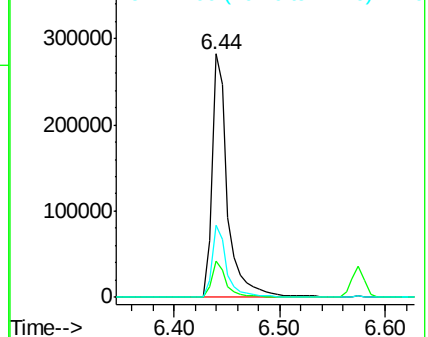
71 29.4 25.4 38.0



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: 2.32 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099776.D

Acq: 23 Oct 2017 23:13

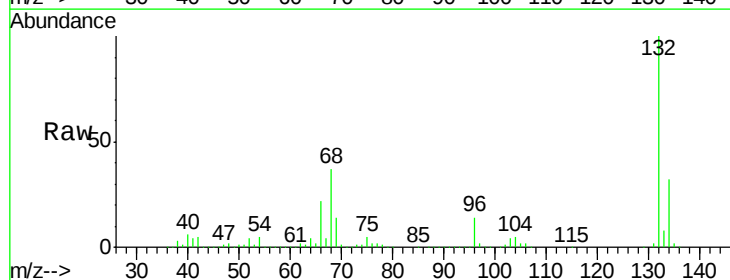
Tgt Ion: 77 Resp: 10803

Ion Ratio Lower Upper

77 100

105 90.0 81.1 121.1

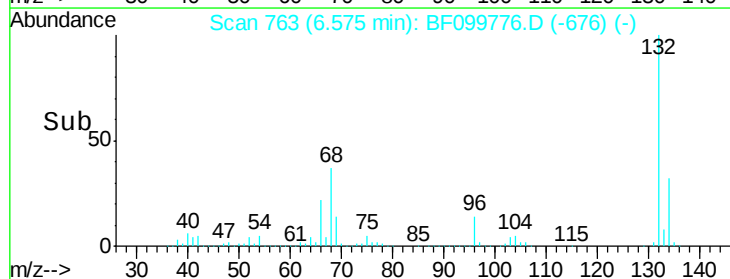
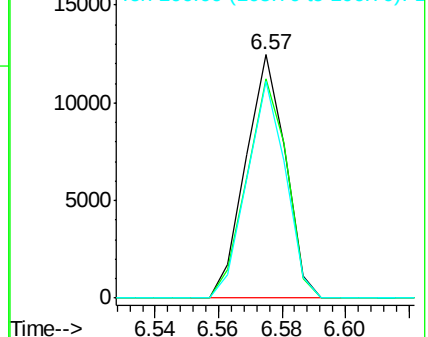
106 89.2 74.5 114.5

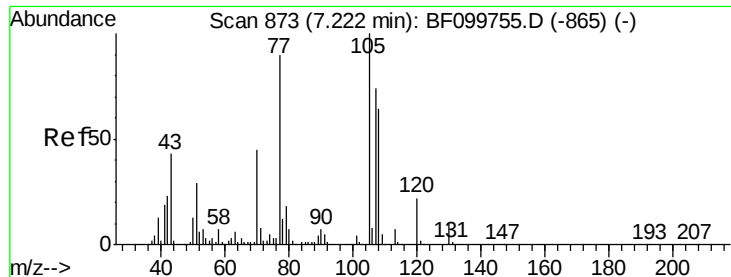


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

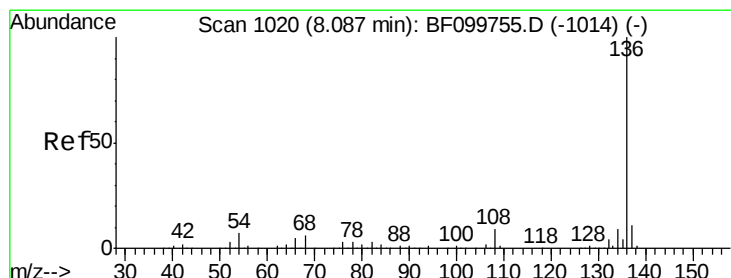
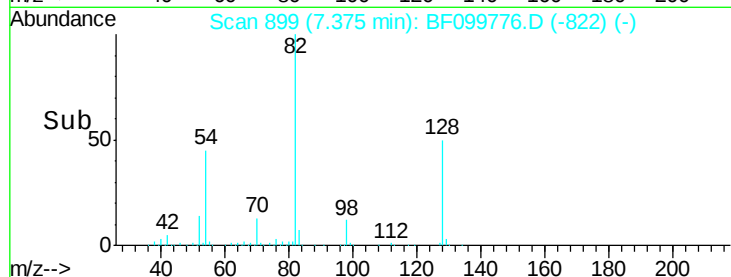
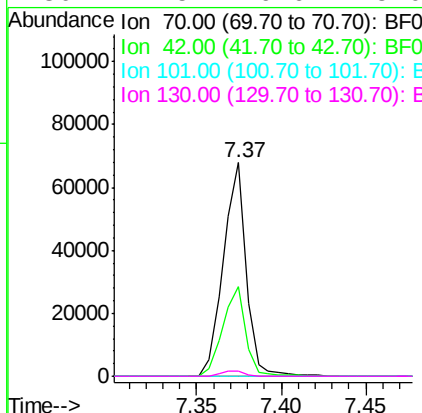
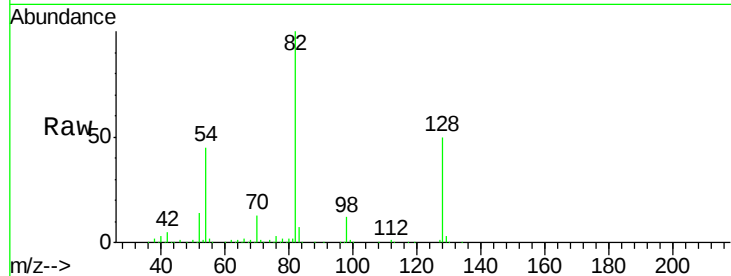




#19
n-Nitroso-di-n-propylamine
Concen: 13.98 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

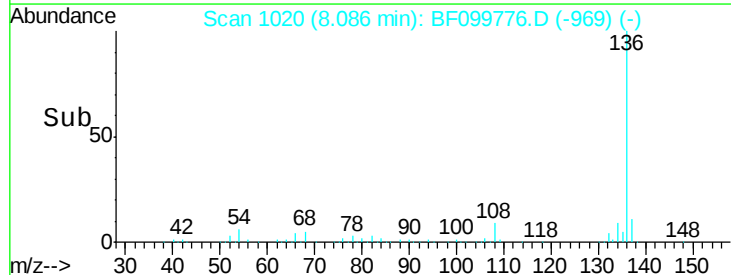
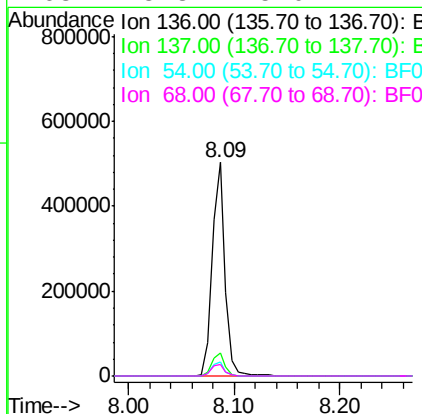
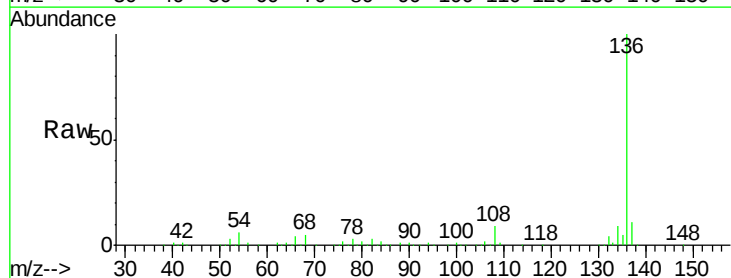
Instrument :
BNA_F
ClientSampled :
MW-5

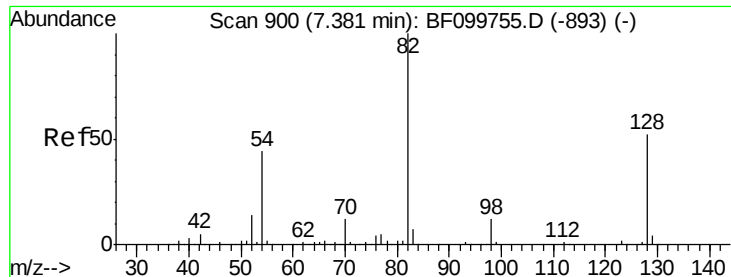
Tot Ion: 70 Resp: 63748
Ion Ratio Lower Upper
70 100
42 41.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

Tgt Ion: 136 Resp: 430593
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 6.6 9.8#
68 5.3 5.0 7.4

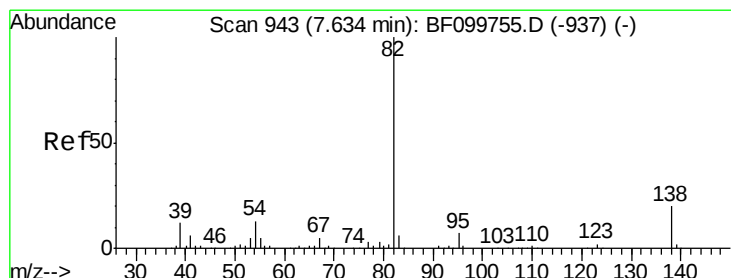
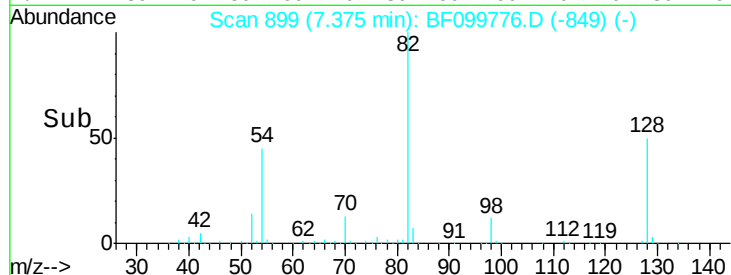
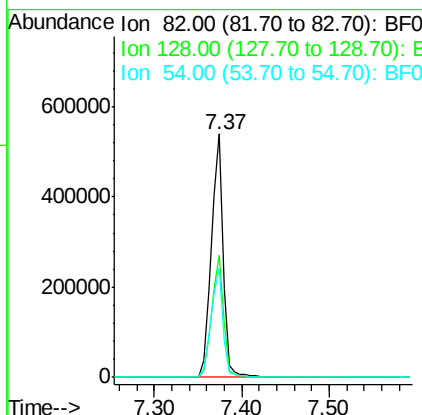
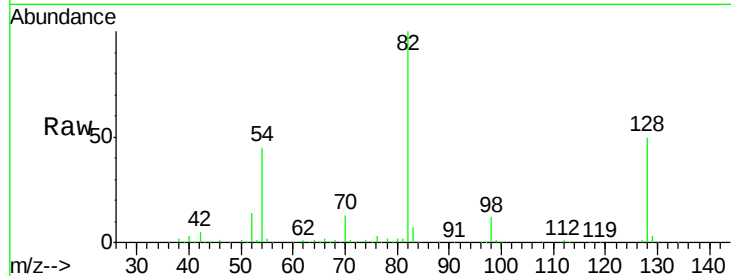




#23
 Nitrobenzene-d5
 Concen: 76.48 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

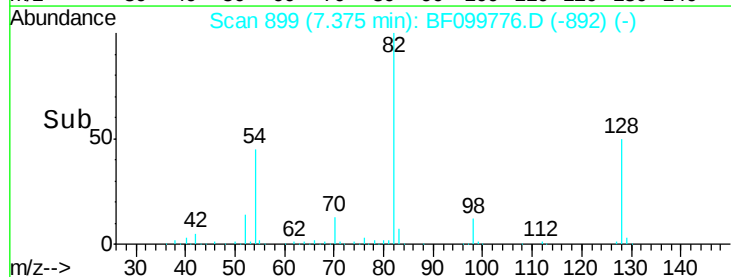
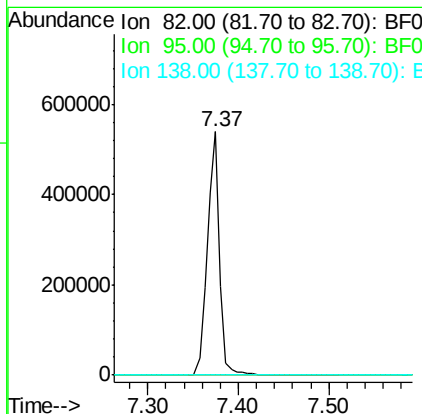
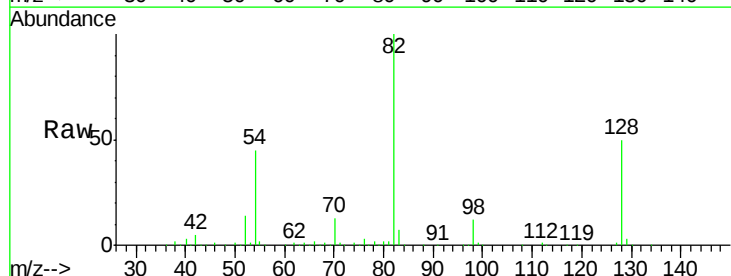
Instrument :
 BNA_F
 ClientSampleID :
 MW-5

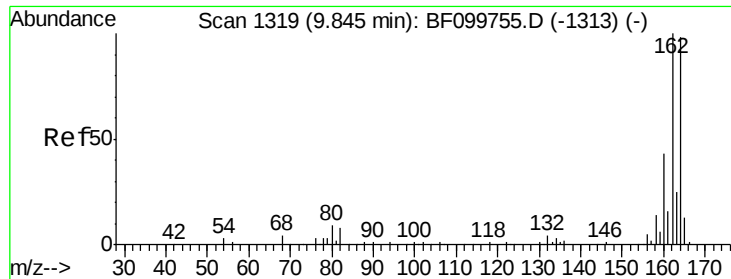
Tot Ion	82	Resp	511500
Ion Ratio	Lower	Upper	
82	100		
128	50.1	36.1	54.1
54	44.6	41.4	62.2



#25
 Isophorone
 Concen: 42.15 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

Tgt Ion	82	Resp	511496
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099776.D

Acq: 23 Oct 2017 23:13

Instrument :

BNA_F

ClientSampleId :

MW-5

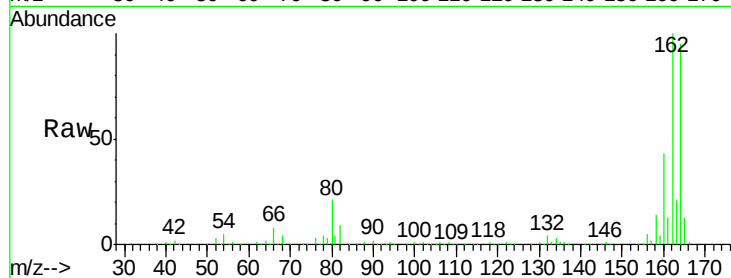
Tot Ion:164 Resp: 196531

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

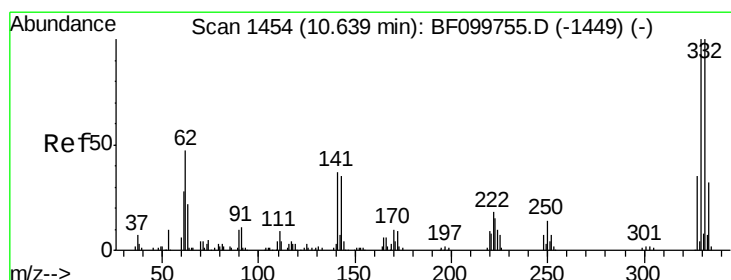
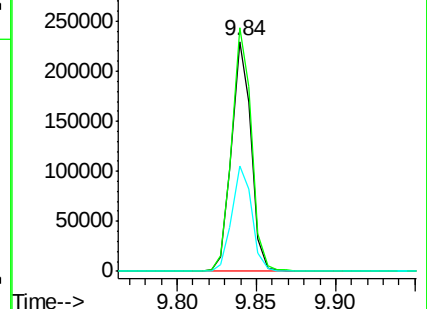
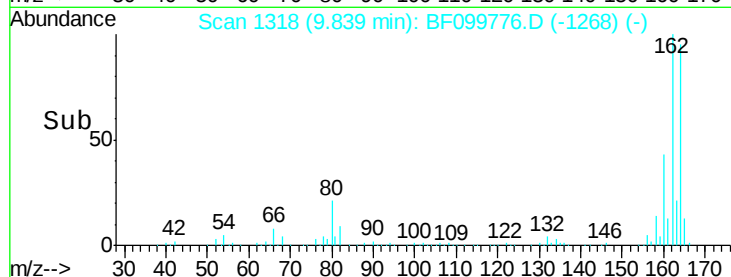
160 45.6 38.3 57.5



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: 99.53 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099776.D

Acq: 23 Oct 2017 23:13

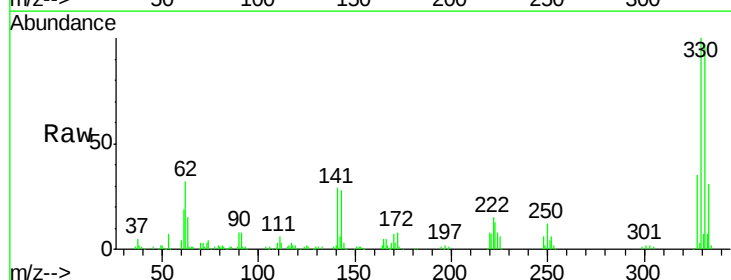
Tgt Ion:330 Resp: 178258

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

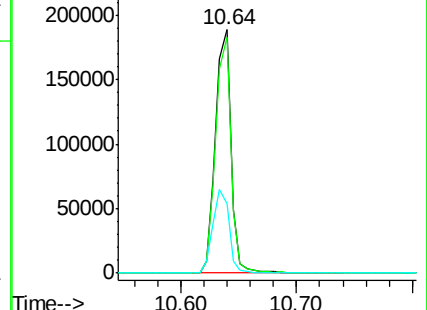
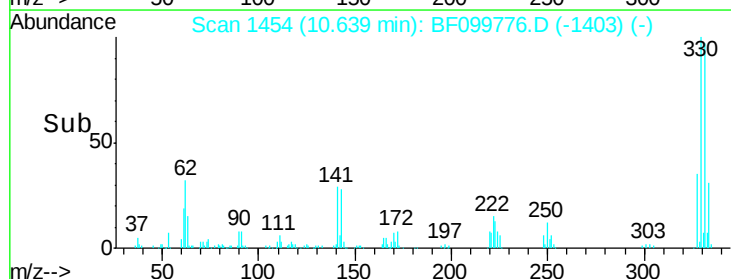
141 36.1 29.9 44.9

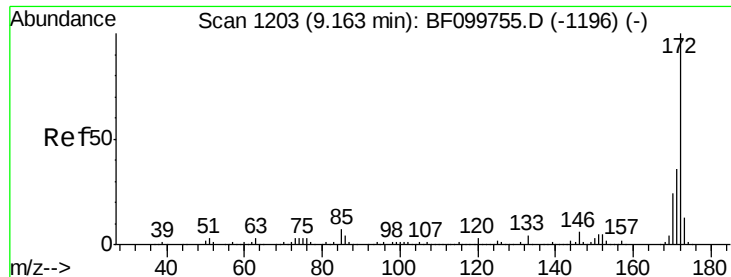


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



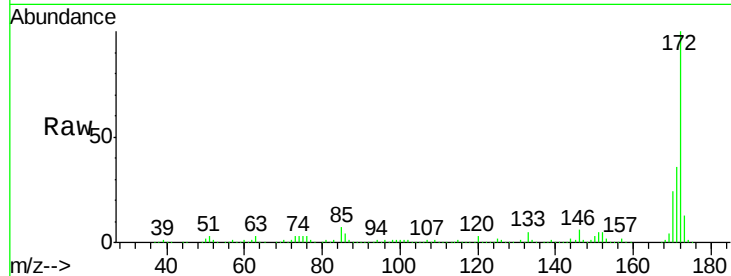


#44
 2-Fluorobiphenyl
 Concen: 79.69 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

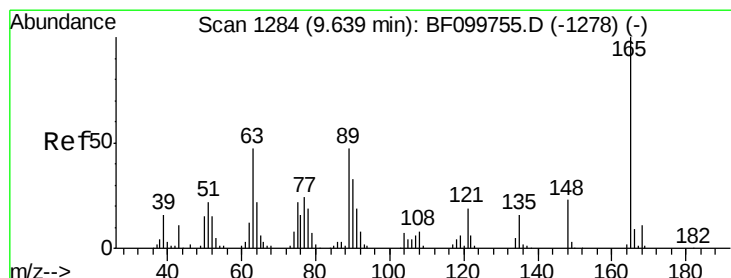
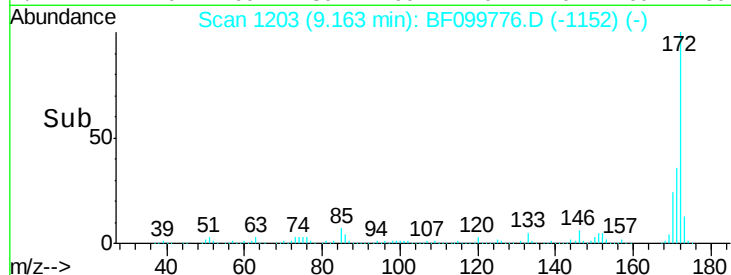
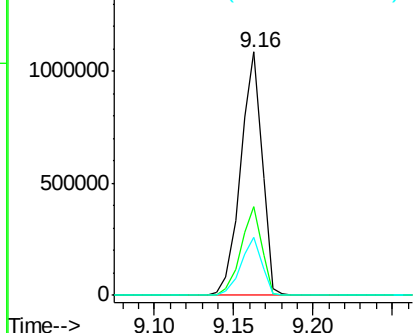
Instrument :
 BNA_F
 ClientSampleID :
 MW-5

Tot Ion:172 Resp: 1015170

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4



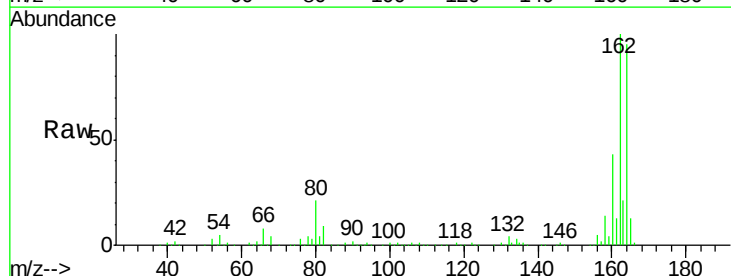
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



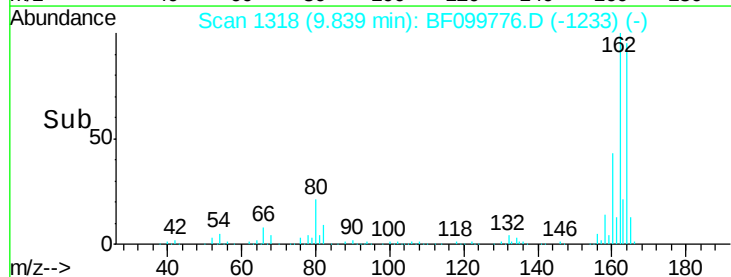
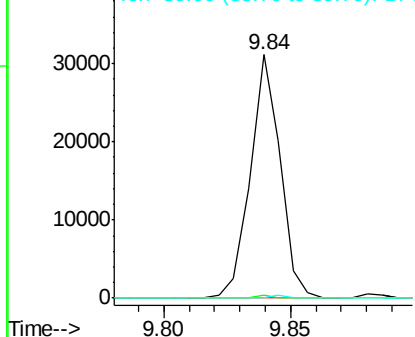
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

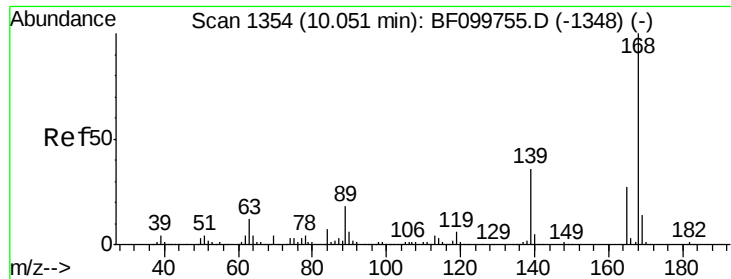
Tgt Ion:165 Resp: 25521

Ion	Ratio	Lower	Upper
165	100		
63	1.0	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

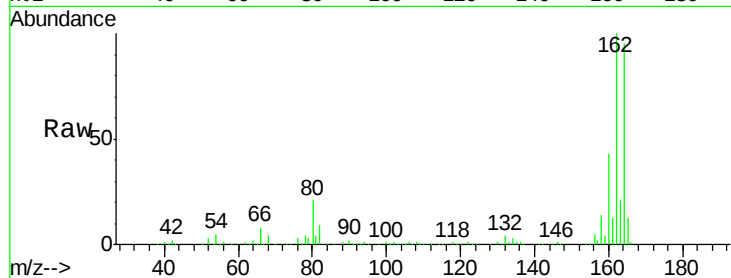




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:	165	Resp:	25521
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

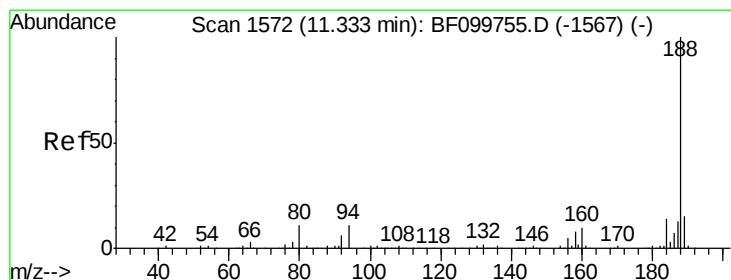
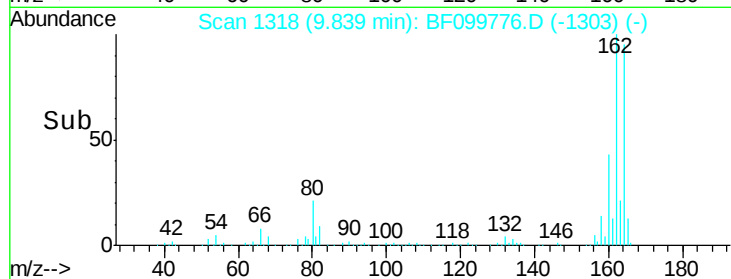
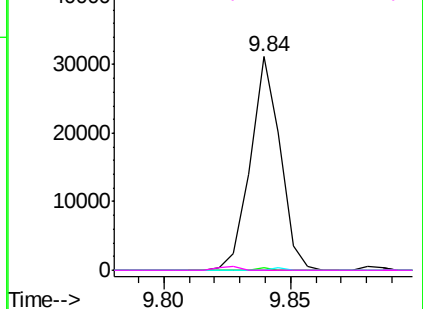


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

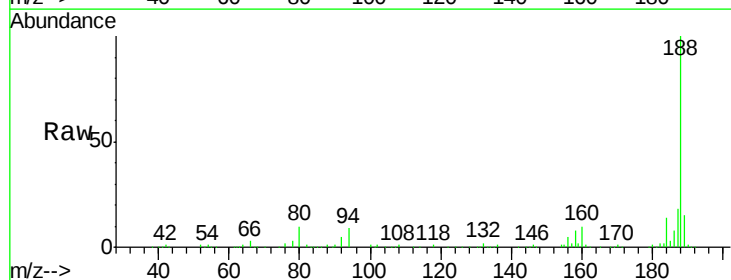
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

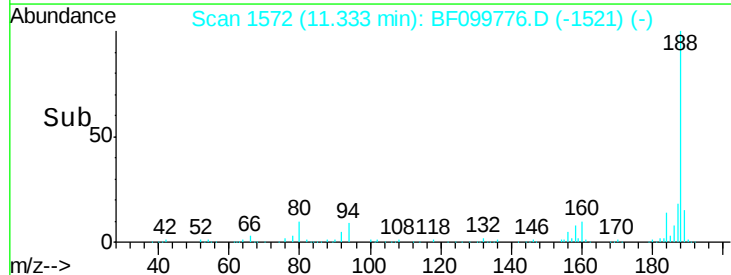
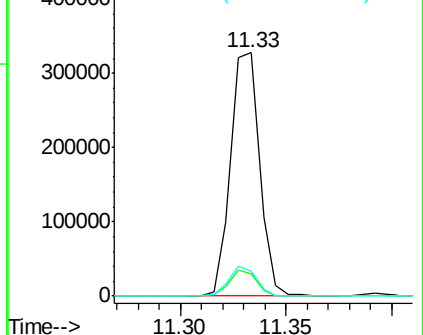
Tgt Ion:	188	Resp:	310472
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8

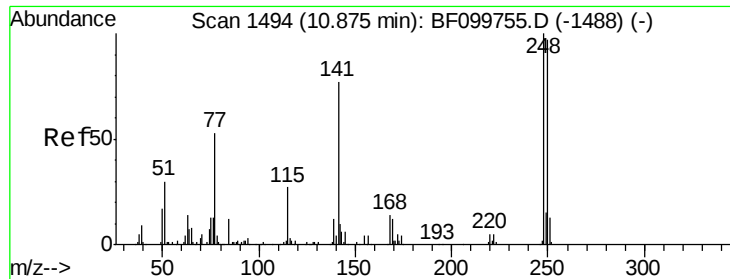


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

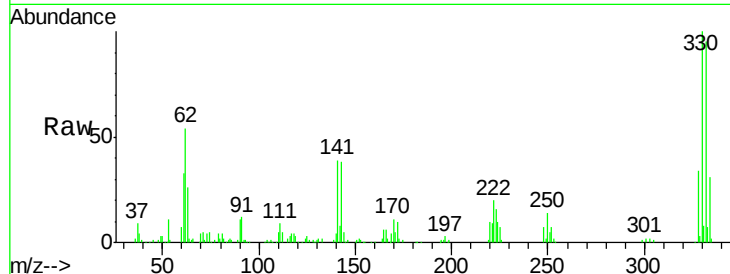




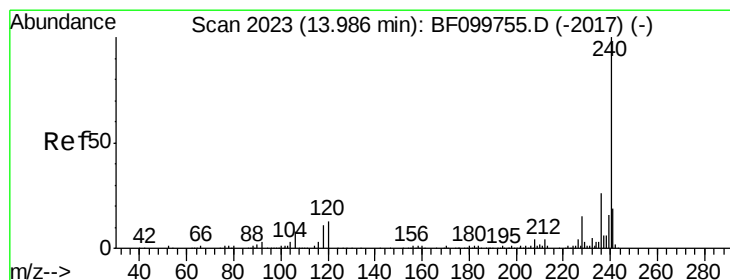
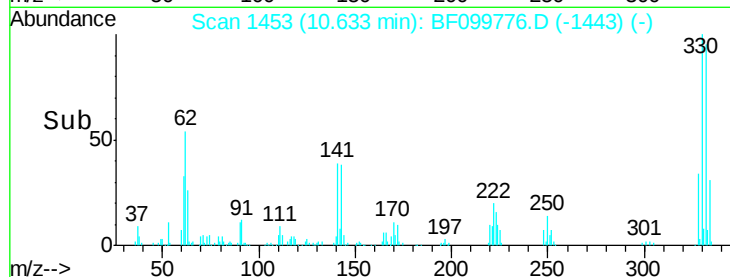
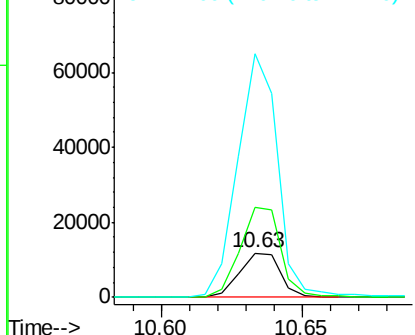
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:248 Resp: 11778
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 551.3 74.4 111.6#

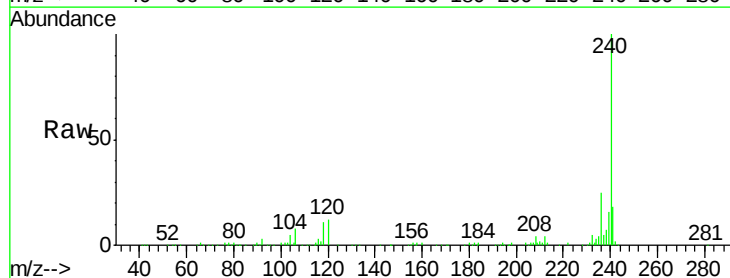


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

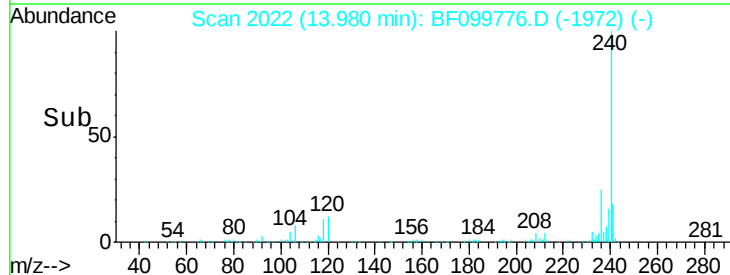
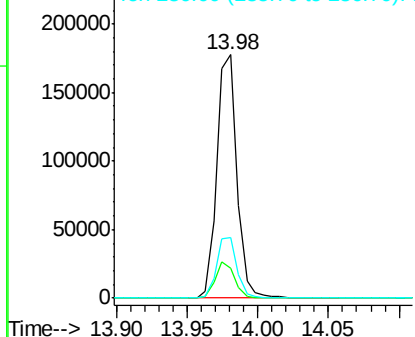


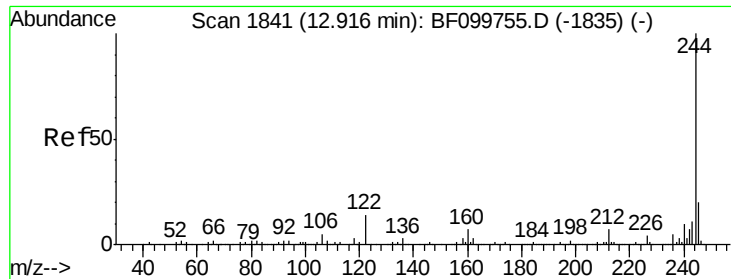
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099776.D
Acq: 23 Oct 2017 23:13

Tgt Ion:240 Resp: 175558
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.0 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

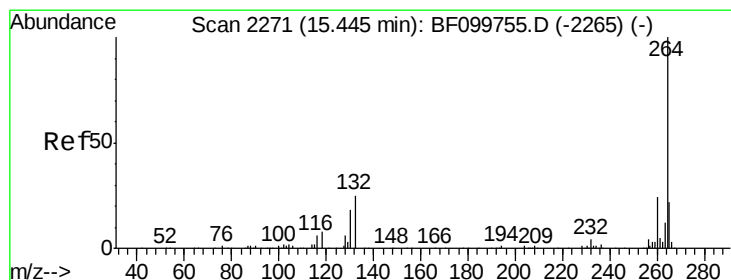
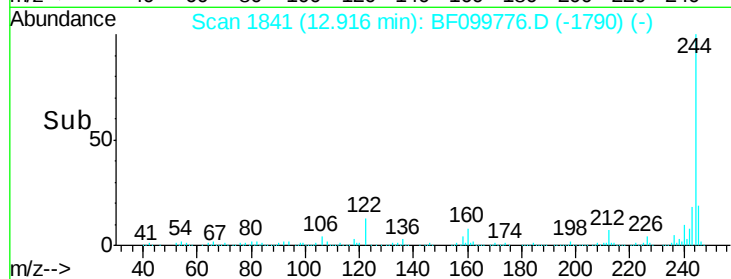
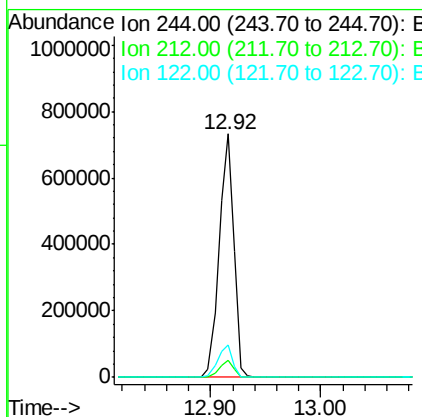
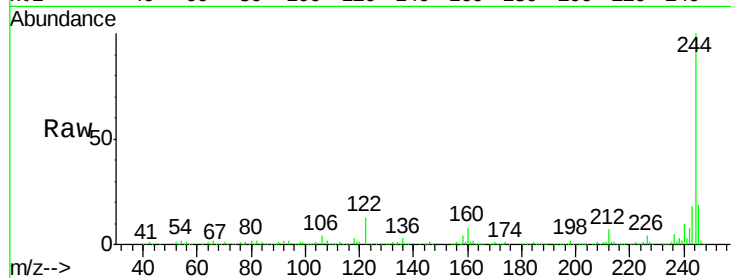




#78
 Terphenyl-d14
 Concen: 83.70 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

Instrument :
 BNA_F
 ClientSampleID :
 MW-5

Tot Ion:244 Resp: 672402
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099776.D
 Acq: 23 Oct 2017 23:13

Tgt Ion:264 Resp: 189934
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.7 17.5 26.3

