

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117034.D
 Acq On : 13 Sep 2019 20:39
 Operator : HP/JU
 Sample : K4848-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 00:19:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66471	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	263607	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136631	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	229976	20.00	ng	0.00
76) Chrysene-d12	13.96	240	170337	20.00	ng	-0.01
87) Perylene-d12	15.41	264	142249	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	256906	60.34	ng	0.00
7) Phenol-d6	6.45	99	226073	41.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	490677	97.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	169027	148.02	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	867892	99.32	ng	0.00
79) Terphenyl-d14	12.92	244	850624	93.34	ng	0.00

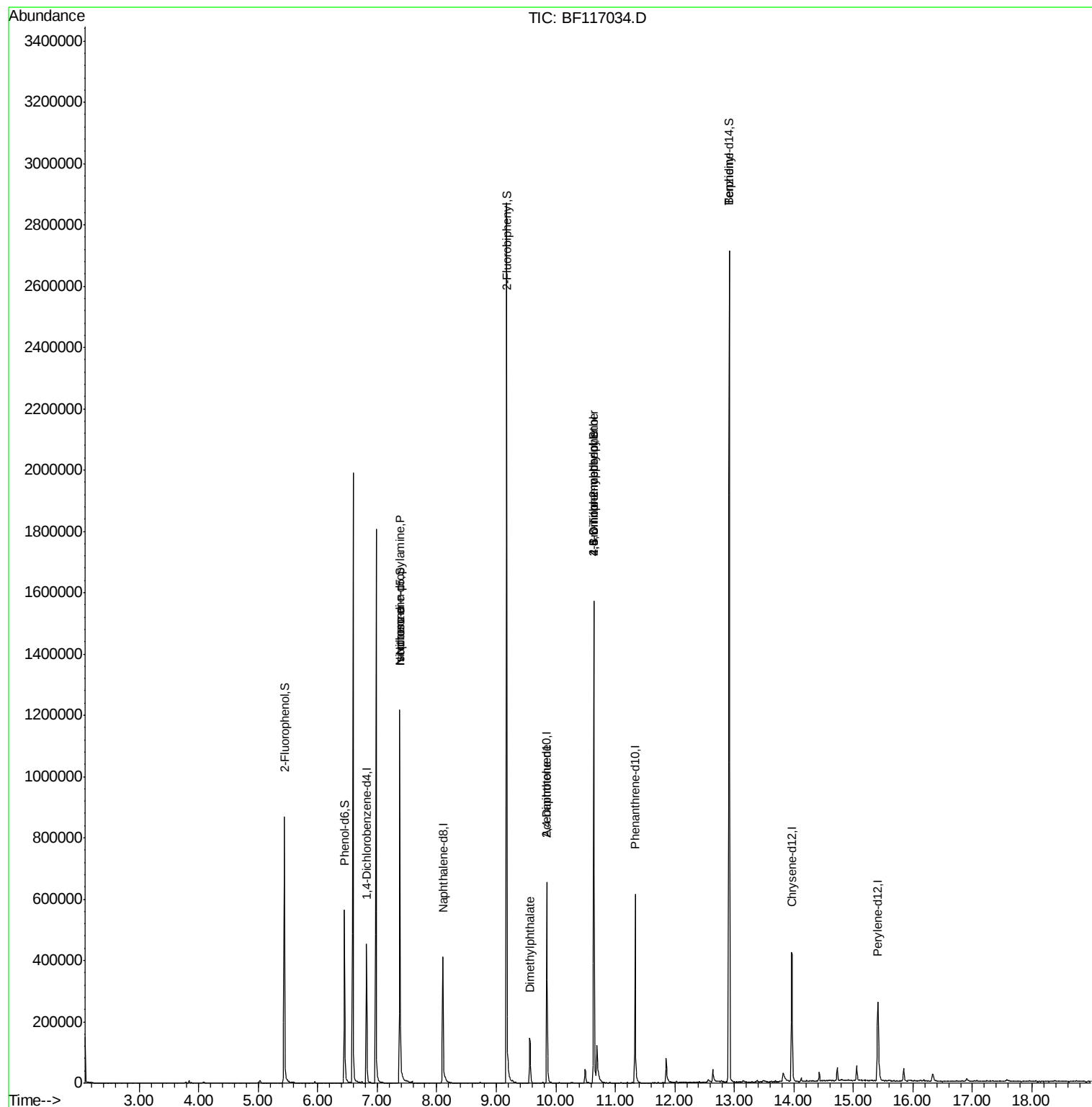
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	12098	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.38	70	67205	20.058	ng	# 79
25) Isophorone	7.38	82	487152	54.841	ng	# 66
50) Dimethylphthalate	9.56	163	74832	7.735	ng	99
57) 2,4-Dinitrotoluene	9.85	165	17093	6.683	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.64	198	185	7.053	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	11249	4.790	ng	# 1
77) Benzydine	12.92	184	12527	2.283	ng	# 95

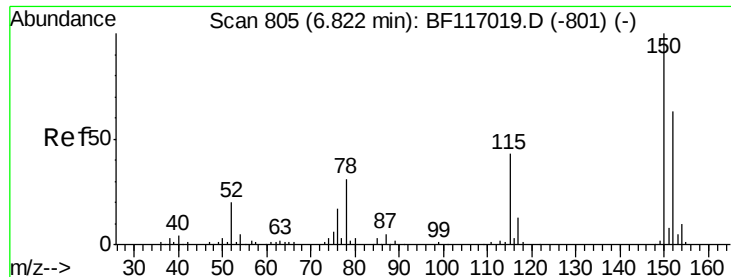
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 00:19:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



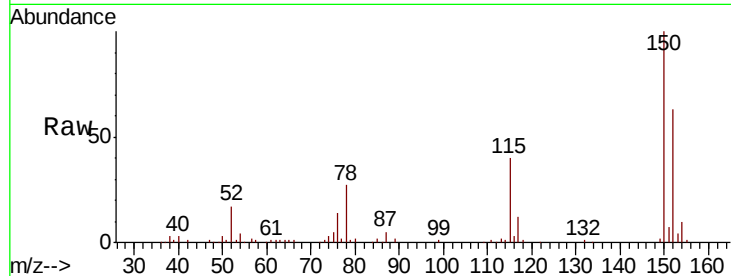


#1

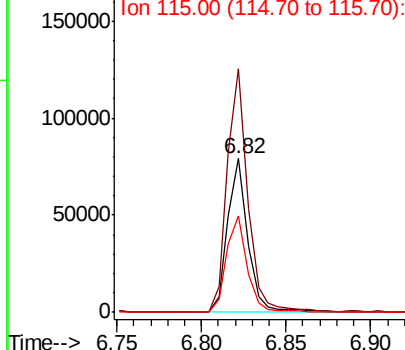
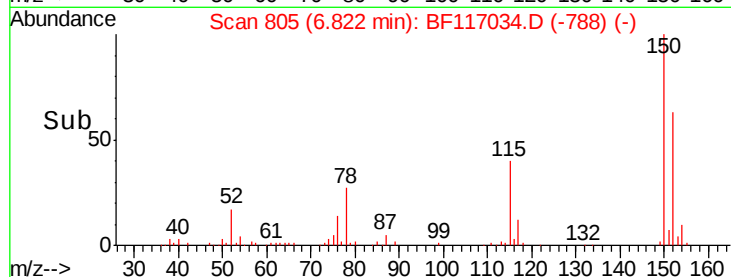
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66471
Ion Ratio Lower Upper
152 100
150 158.4 127.5 191.3
115 63.0 55.0 82.4



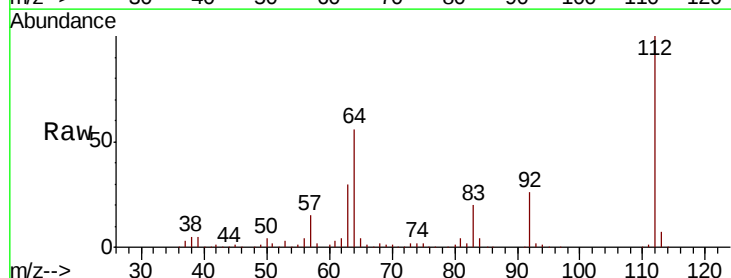
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



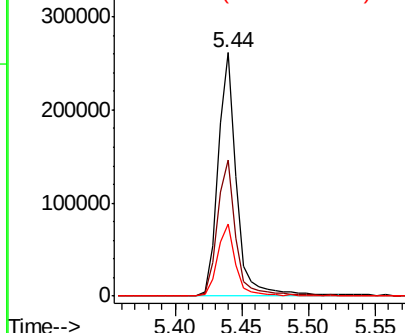
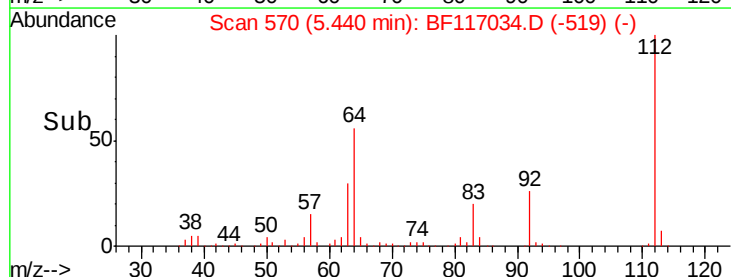
#5

2-Fluorophenol
Concen: 60.341 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Tgt Ion:112 Resp: 256906
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 29.7 24.9 37.3



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: 41.087 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

Instrument :

BNA_F

ClientSampled :

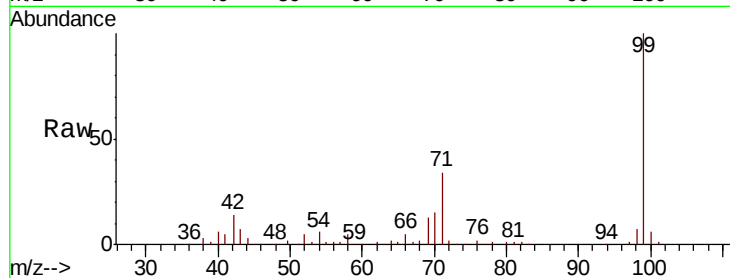
Tot Ion: 99 Resp: 226073

Ion Ratio Lower Upper

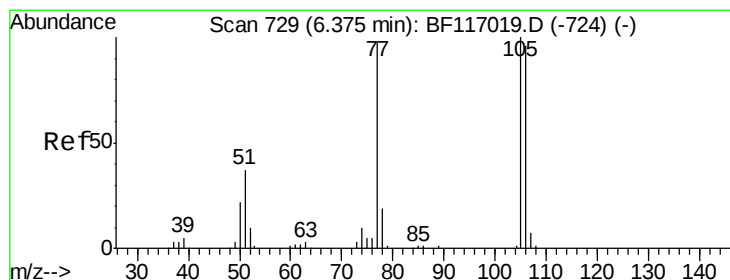
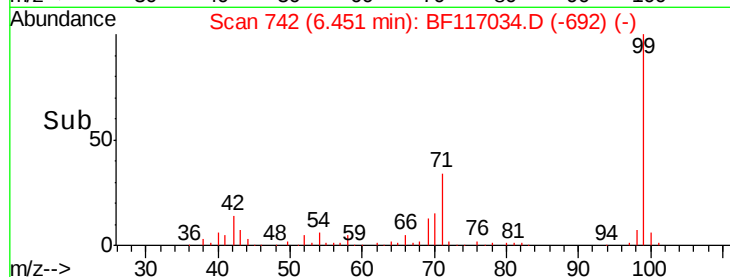
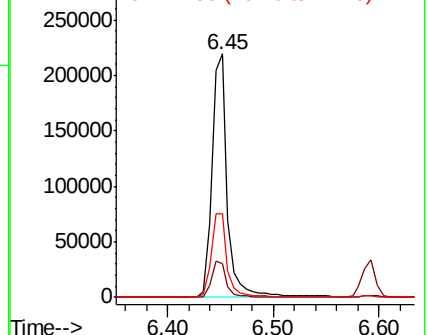
99 100

42 13.9 12.2 18.2

71 34.5 29.8 44.8



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: Below Cal

RT: 6.59 min Scan# 766

Delta R.T. 0.22 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

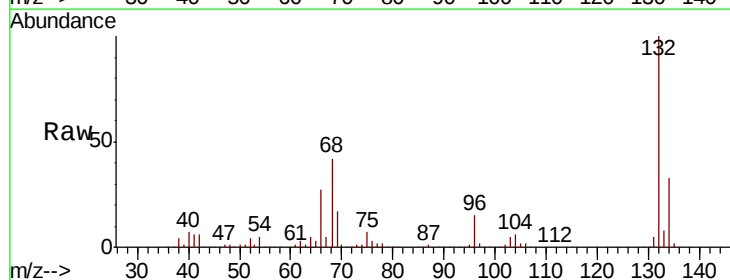
Tgt Ion: 77 Resp: 12098

Ion Ratio Lower Upper

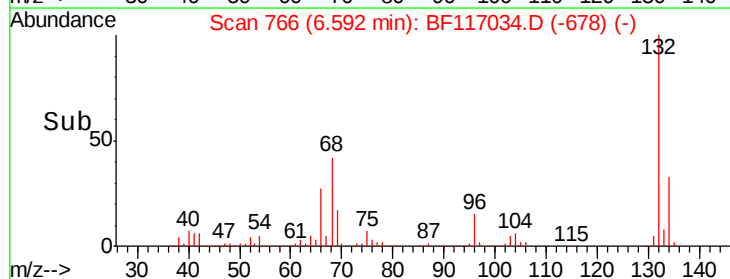
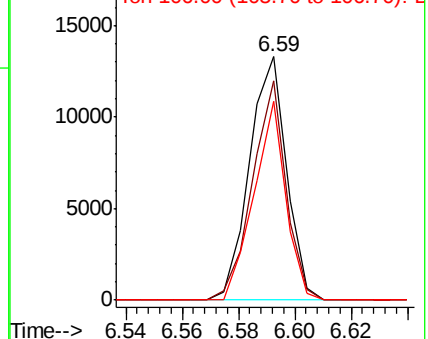
77 100

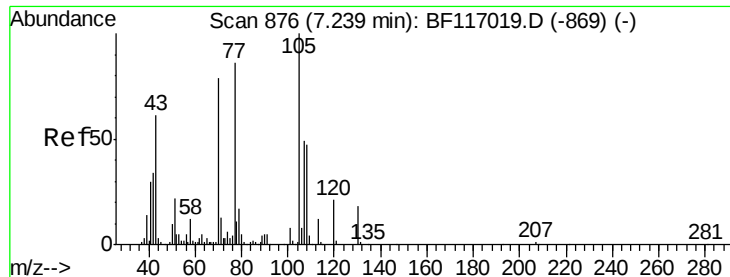
105 90.1 81.8 121.8

106 81.7 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
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: 20.058 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 67205

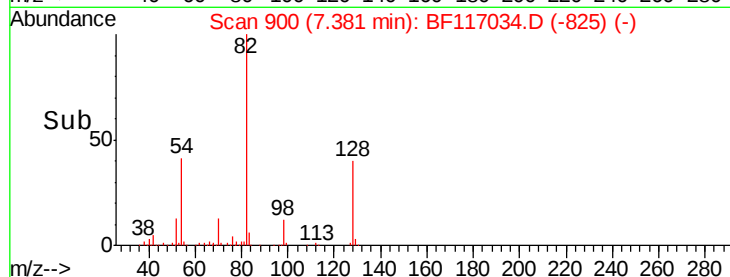
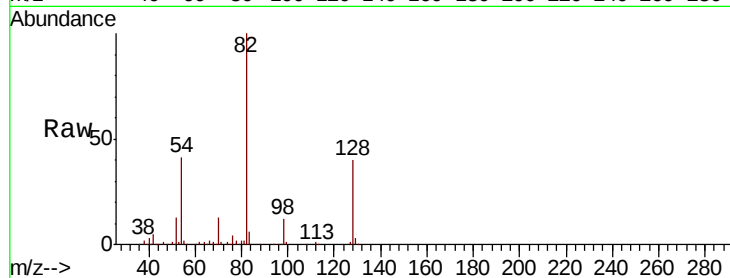
Ion Ratio Lower Upper

70 100

42 36.8 34.0 51.0

101 0.0 7.8 11.6#

130 2.0 17.8 26.8#

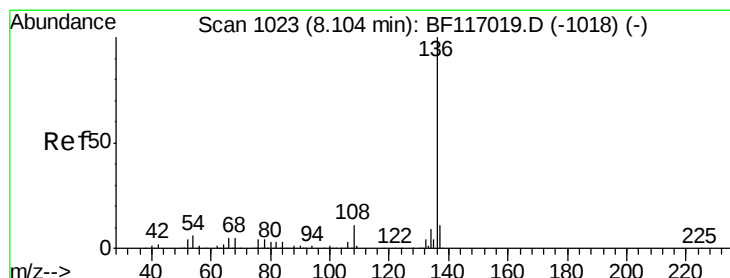
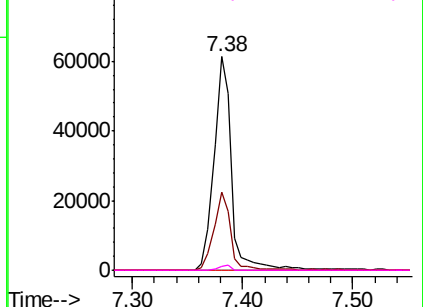


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

Tgt Ion: 136 Resp: 263607

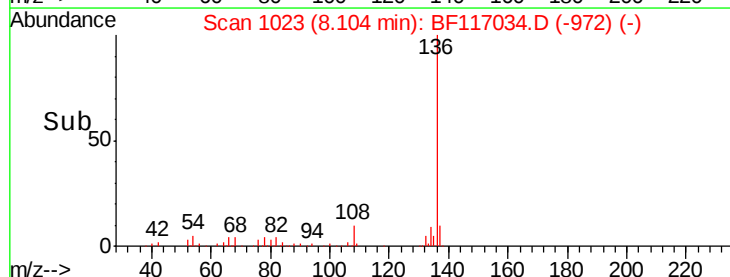
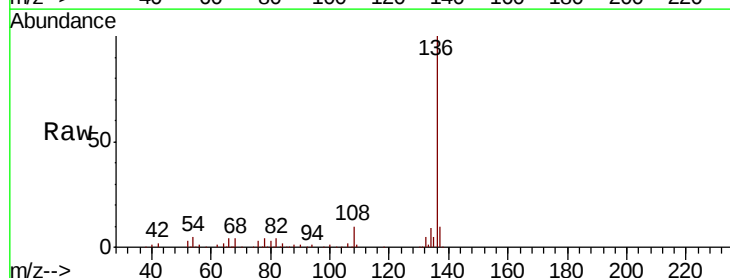
Ion Ratio Lower Upper

136 100

137 9.9 9.0 13.4

54 5.0 4.5 6.7

68 4.3 4.0 6.0

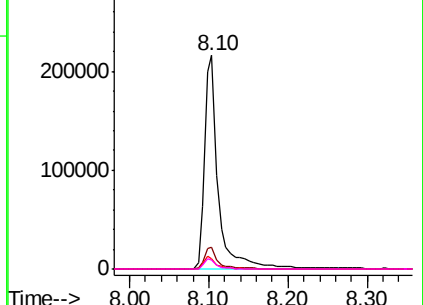


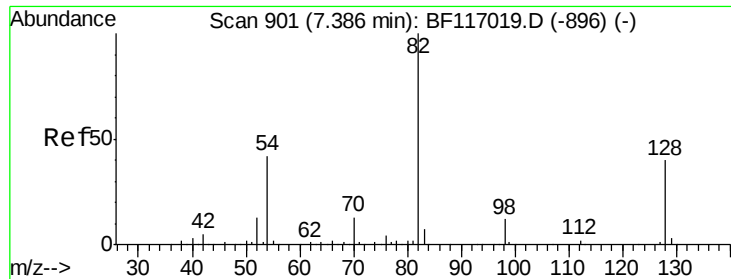
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

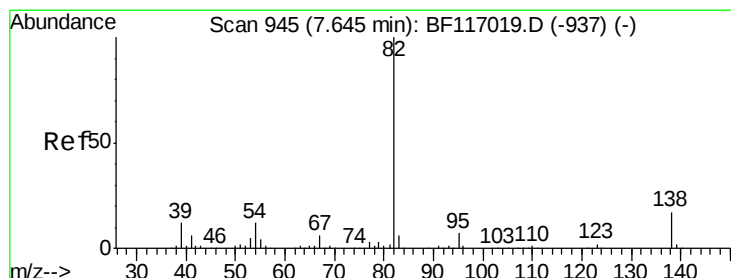
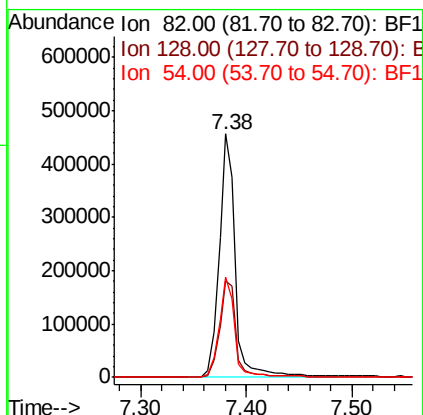
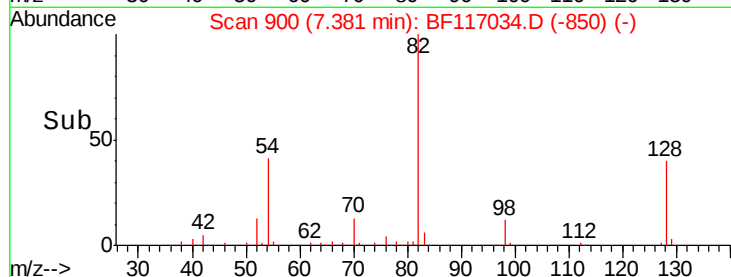
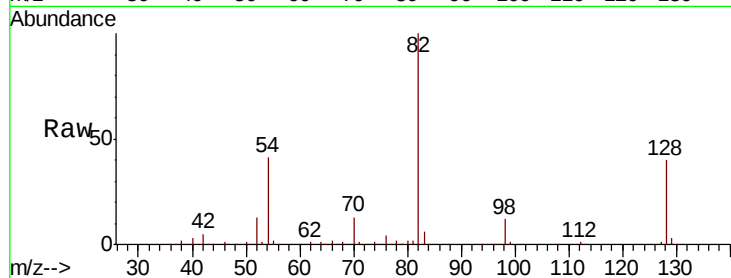




#23
Nitrobenzene-d5
Concen: 97.802 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

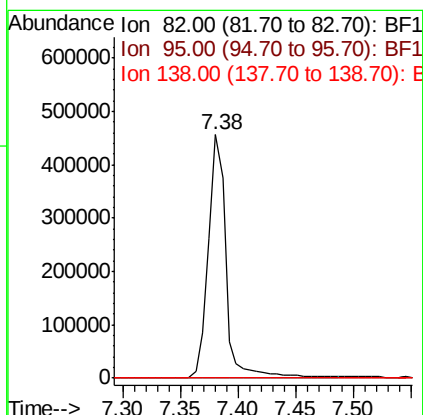
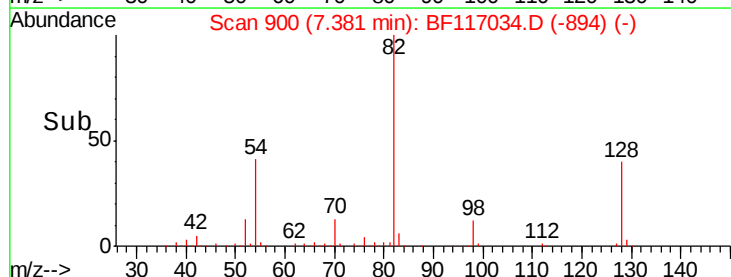
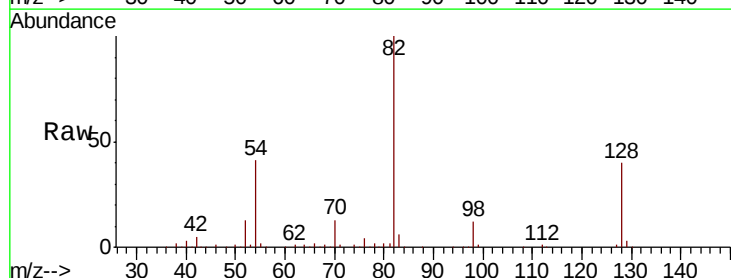
Instrument :
BNA_F
ClientSampled :

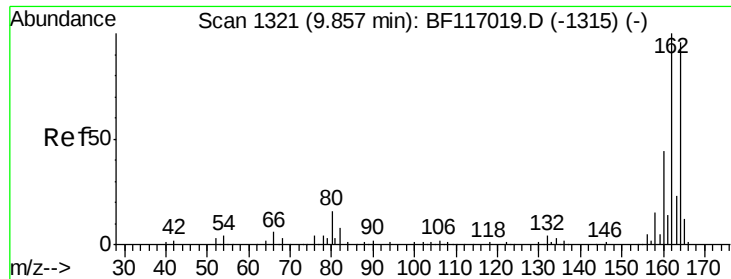
Tot Ion	82	Resp	490677
Ion Ratio	100	Lower	Upper
128	39.7	32.3	48.5
54	41.1	33.3	49.9



#25
Isophorone
Concen: 54.841 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Tgt Ion	82	Resp	487152
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

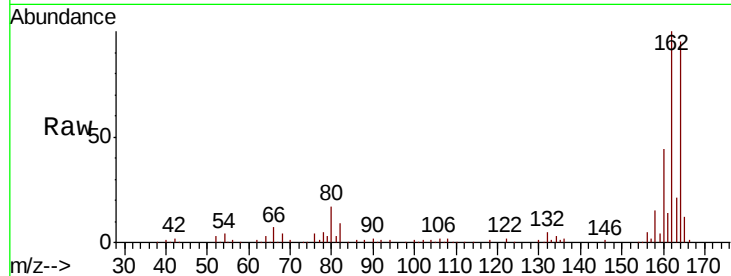




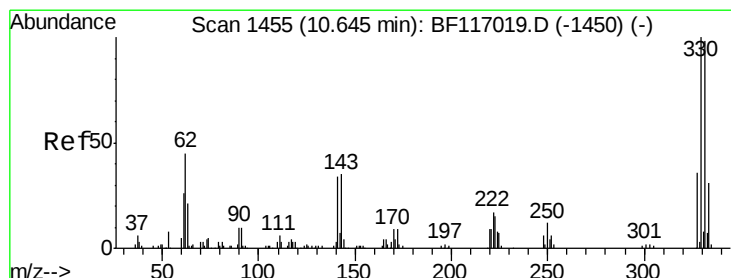
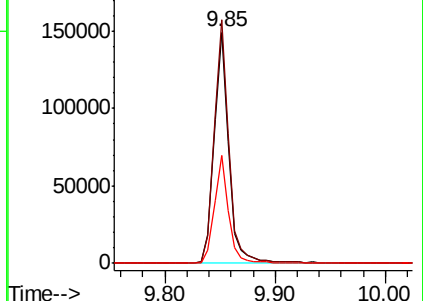
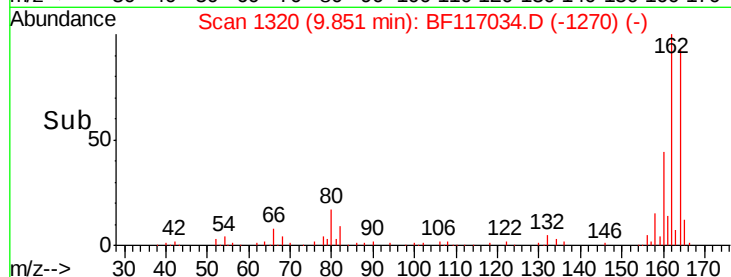
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136631
Ion Ratio Lower Upper
164 100
162 105.5 83.4 125.2
160 46.5 36.4 54.6

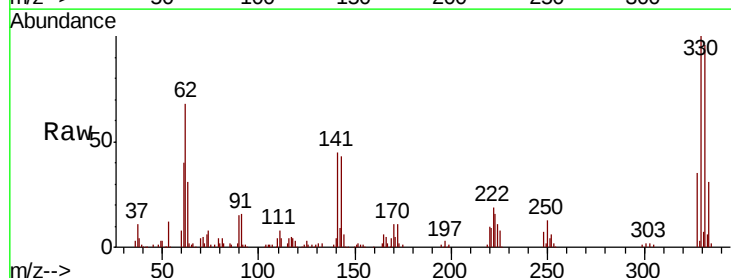


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

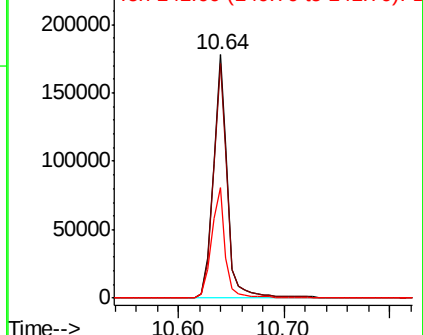
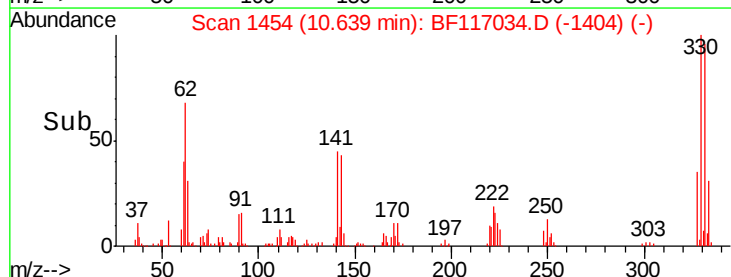


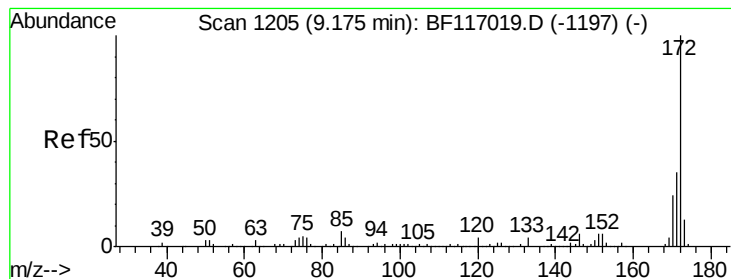
#42
2,4,6-Tribromophenol
Concen: 148.020 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Tgt Ion:330 Resp: 169027
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 44.7 35.8 53.6



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





#45

2-Fluorobiphenyl

Concen: 99.320 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

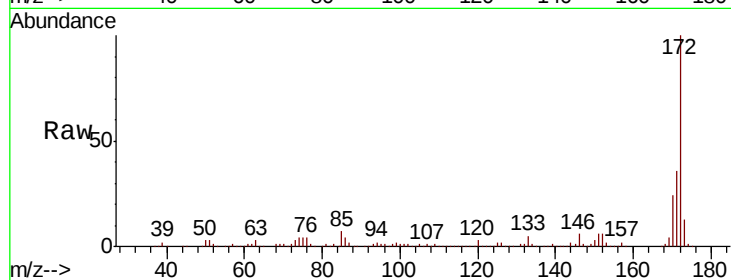
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 867892

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.7	18.9	28.3

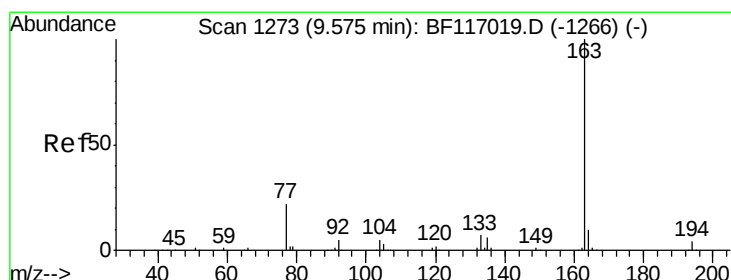
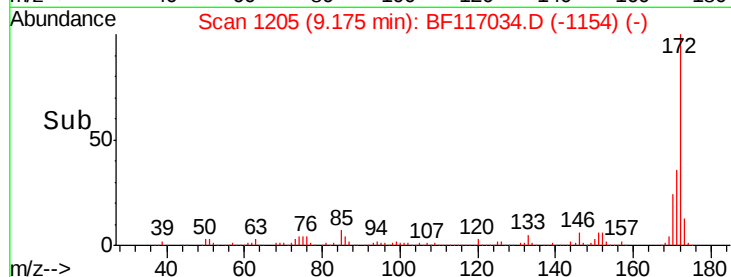
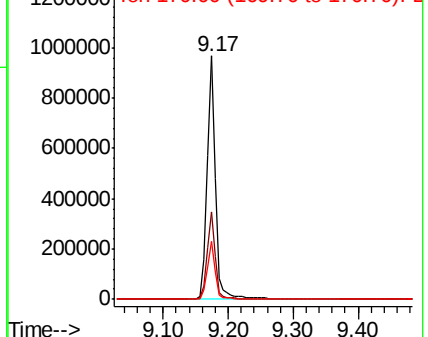


Abundance

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

Dimethylphthalate

Concen: 7.735 ng

RT: 9.56 min Scan# 1271

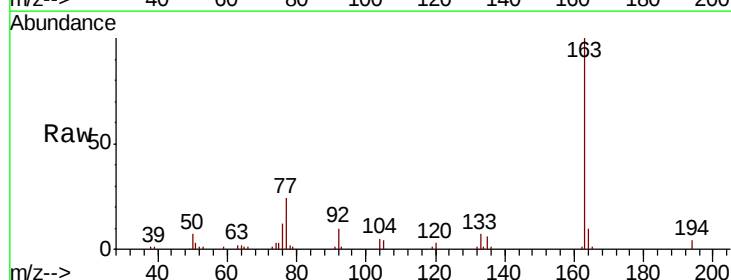
Delta R.T. -0.01 min

Lab File: BF117034.D

Acq: 13 Sep 2019 20:39

Tgt Ion:163 Resp: 74832

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.5	8.2	12.4

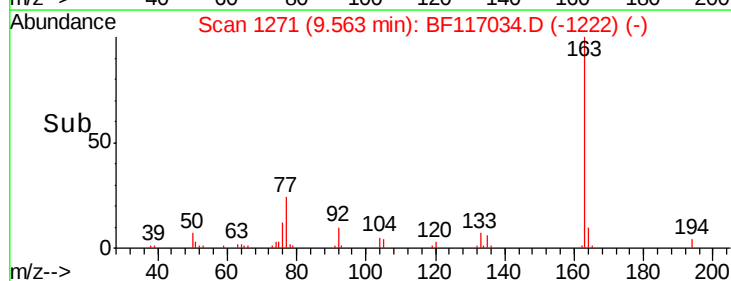
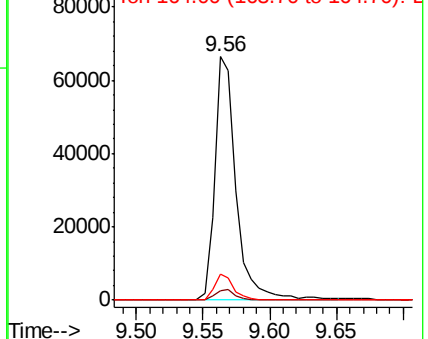


Abundance

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

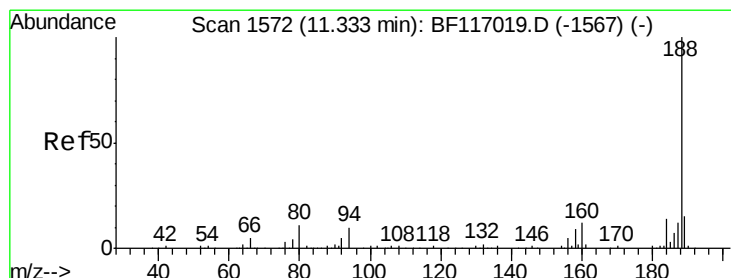
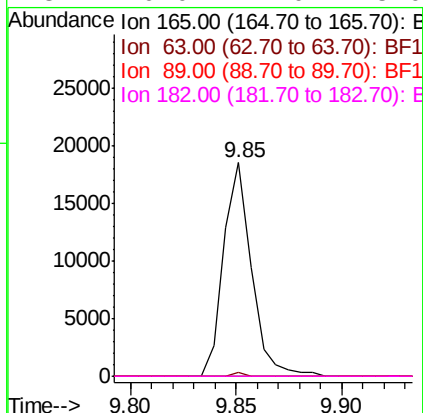
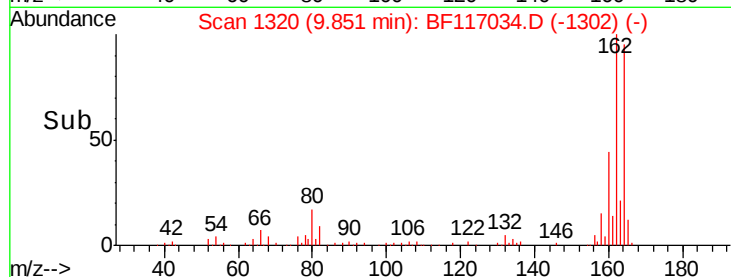
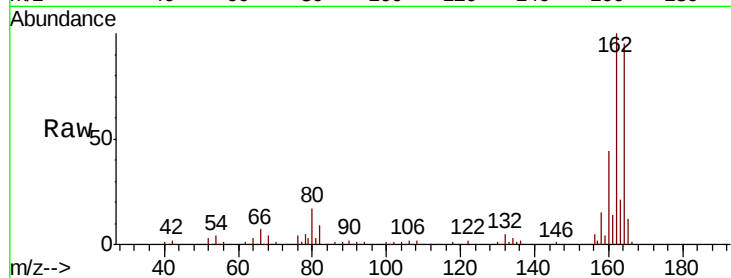




#57
 2,4-Dinitrotoluene
 Concen: 6.683 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

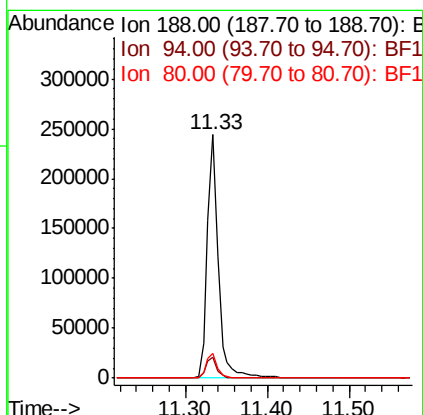
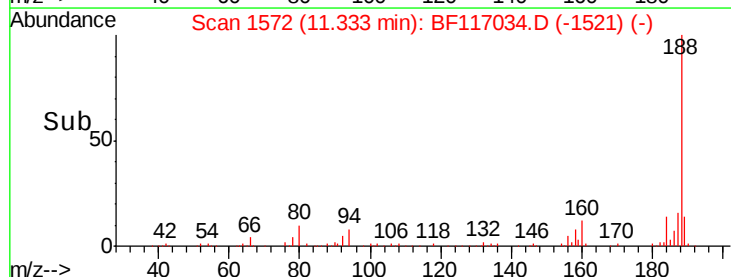
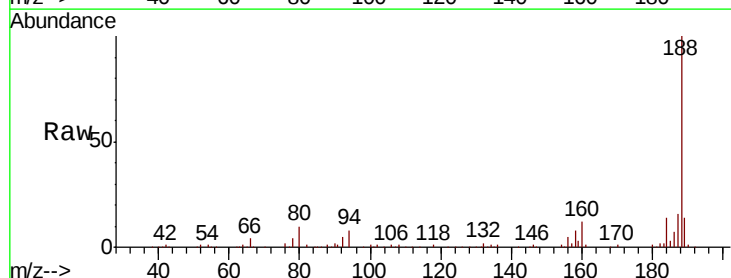
Instrument :
 BNA_F
 ClientSampleId :

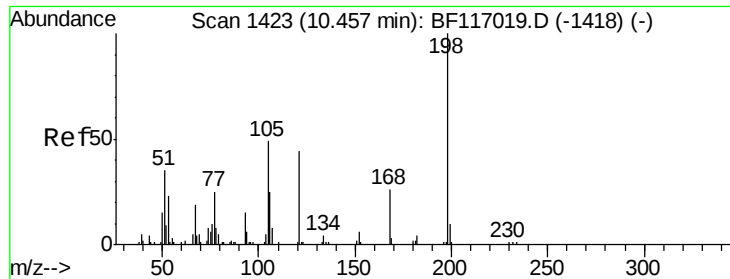
Tot Ion:165 Resp: 17093
 Ion Ratio Lower Upper
 165 100
 63 1.6 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

Tgt Ion:188 Resp: 229976
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.2
 80 10.2 9.0 13.6

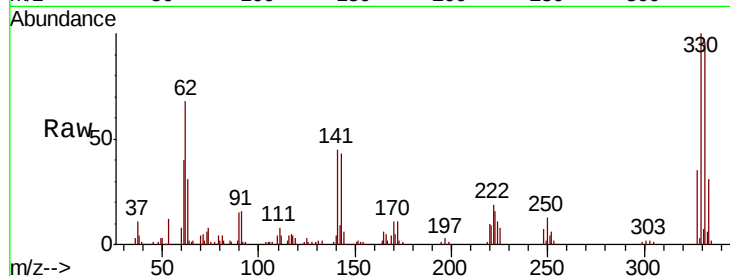




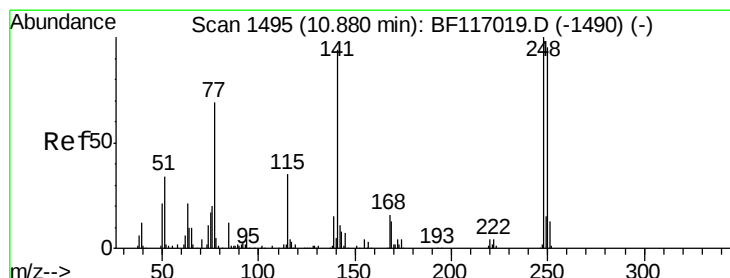
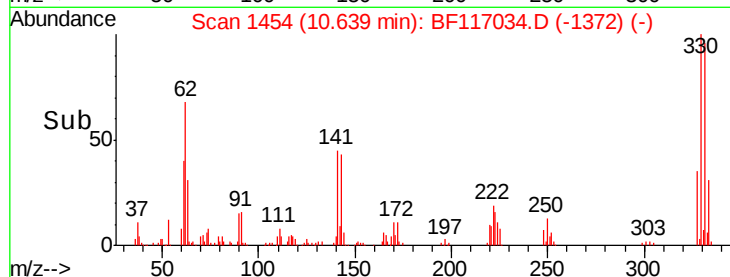
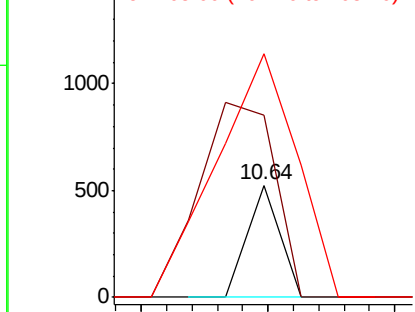
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.053 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.18 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 185
 Ion Ratio Lower Upper
 198 100
 51 162.6 18.7 58.7#
 105 217.6 30.2 70.2#

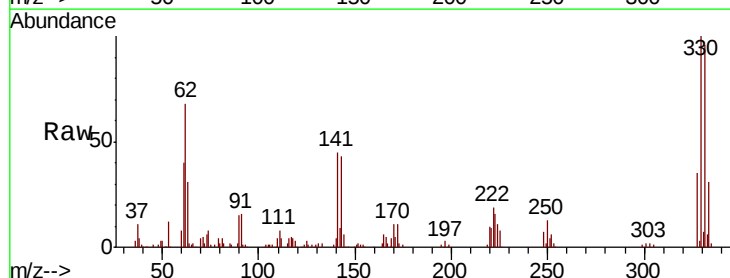


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

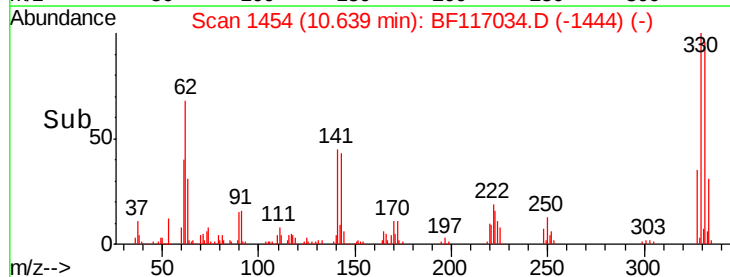
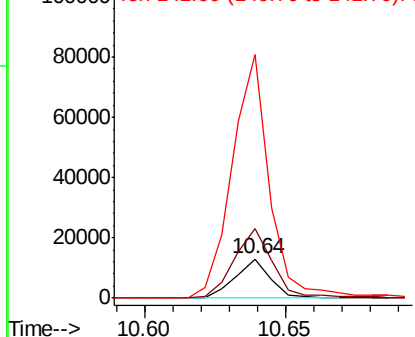


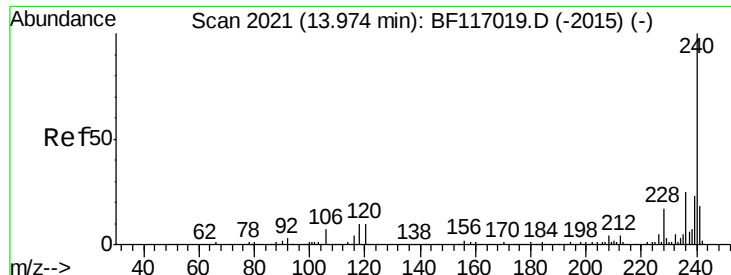
#67
 4-Bromophenyl-phenylether
 Concen: 4.790 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

Tgt Ion:248 Resp: 11249
 Ion Ratio Lower Upper
 248 100
 250 178.7 76.2 114.4#
 141 623.2 75.0 112.4#



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

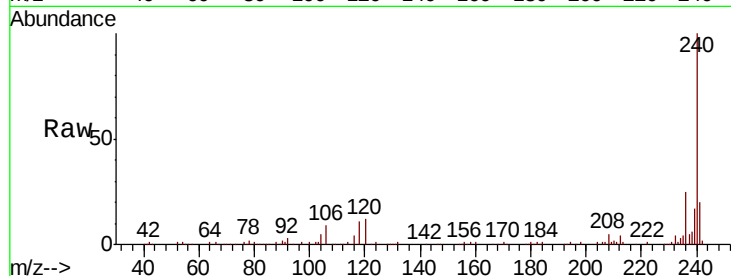




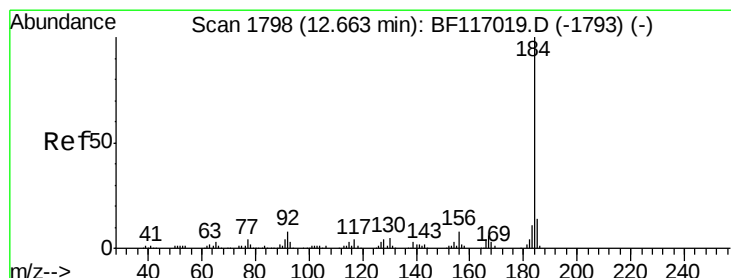
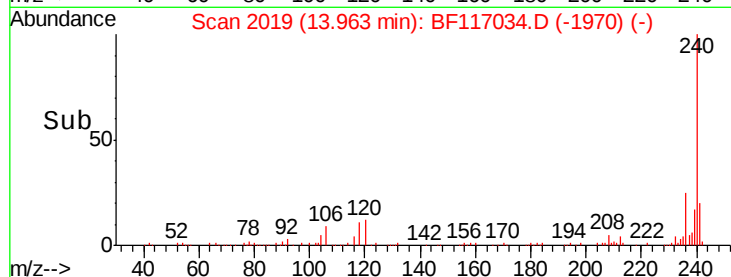
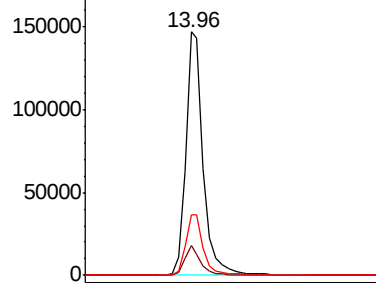
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 170337
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 25.1 20.3 30.5

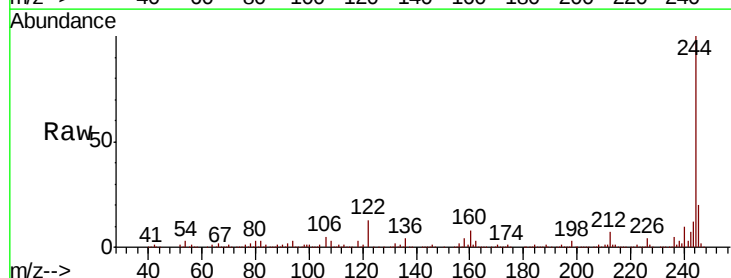


Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

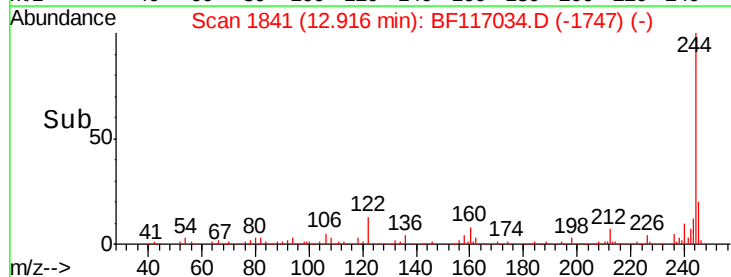
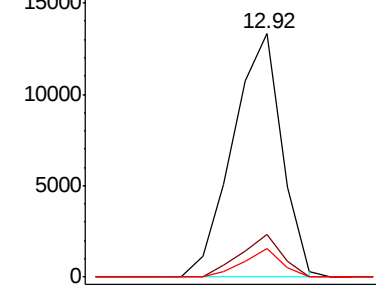


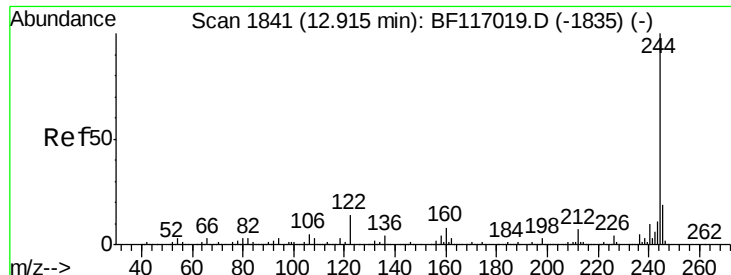
#77
Benzidine
Concen: 2.283 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117034.D
Acq: 13 Sep 2019 20:39

Tgt Ion:184 Resp: 12527
Ion Ratio Lower Upper
184 100
185 17.7 11.6 17.4#
183 11.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
15000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

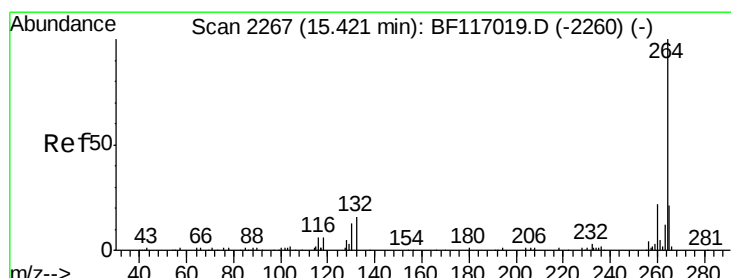
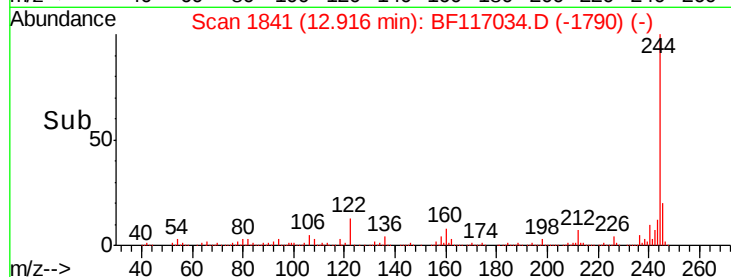
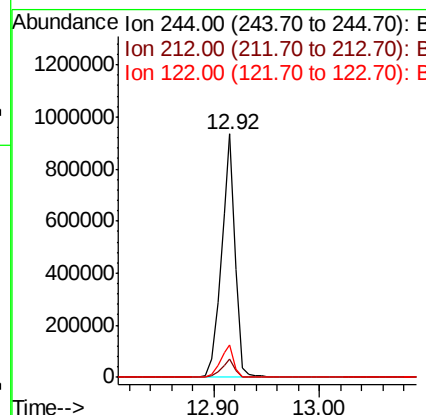
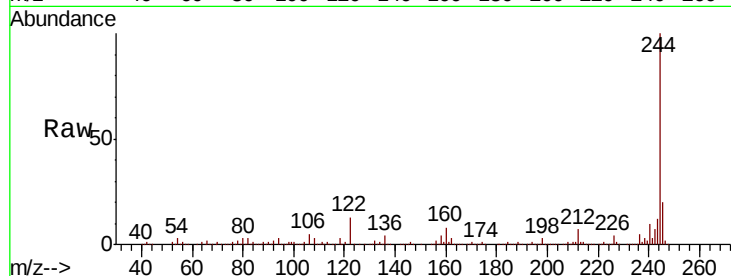




#79
 Terphenyl-d14
 Concen: 93.345 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 850624
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.2 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117034.D
 Acq: 13 Sep 2019 20:39

Tgt Ion:264 Resp: 142249
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.6 26.4
 265 20.7 16.6 24.8

