

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119737.D
 Acq On : 4 Apr 2020 00:21
 Operator : MA/SJ
 Sample : L2101-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

Quant Time: Apr 04 00:56:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

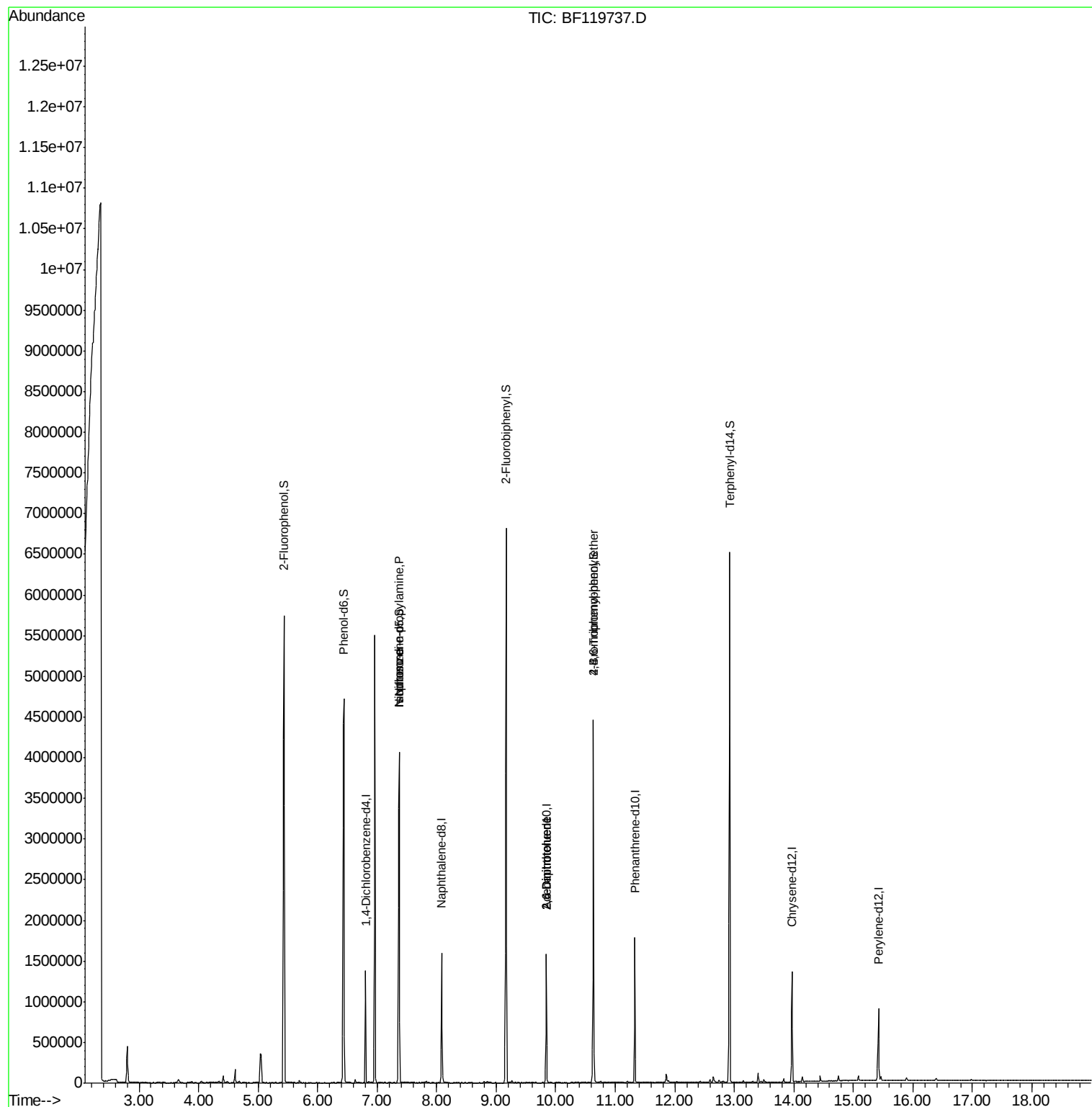
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189574	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	709082	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	357501	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	666979	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	422300	20.00	ng	-0.03
87) Perylene-d12	15.42	264	405211	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1629333	136.82	ng	0.02
7) Phenol-d6	6.44	99	1908630	125.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	1356212	103.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	608736	165.05	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	2495385	103.41	ng	-0.01
79) Terphenyl-d14	12.92	244	2575937	119.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	176422	19.24	ng	# 73
25) Isophorone	7.37	82	1356180	51.24	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	46180	8.48	ng	# 27
57) 2,4-Dinitrotoluene	9.84	165	46180	6.74	ng	# 21
67) 4-Bromophenyl-phenylether	10.63	248	36341	4.78	ng	# 1

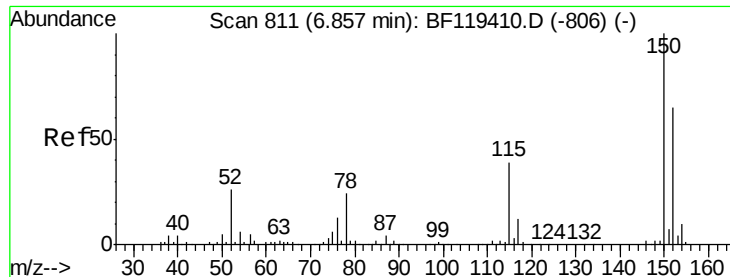
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
Data File : BF119737.D
Acq On : 4 Apr 2020 00:21
Operator : MA/SJ
Sample : L2101-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-020304

Quant Time: Apr 04 00:56:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-020304

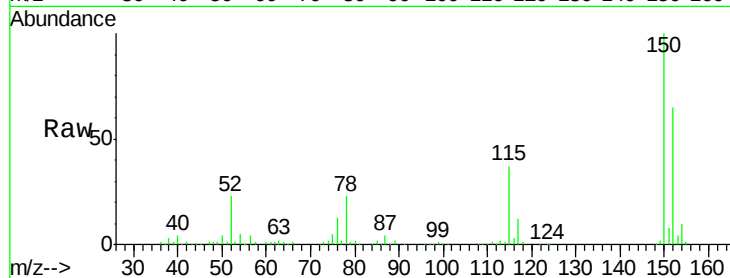
Tgt Ion:152 Resp: 189574

Ion Ratio Lower Upper

152 100

150 153.8 124.5 186.7

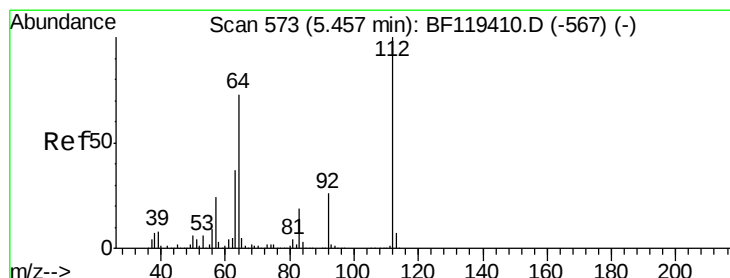
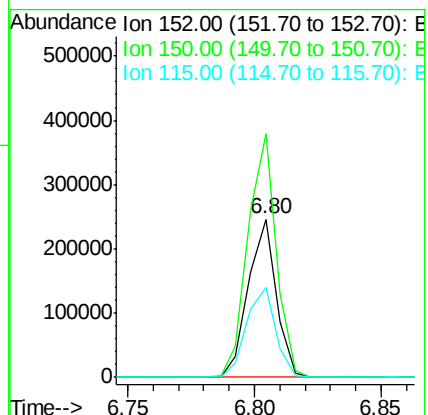
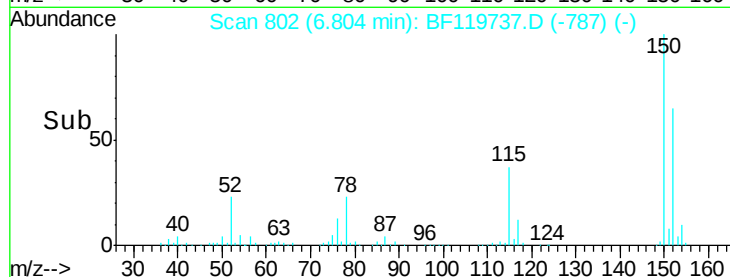
115 57.0 49.6 74.4



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: 136.82 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

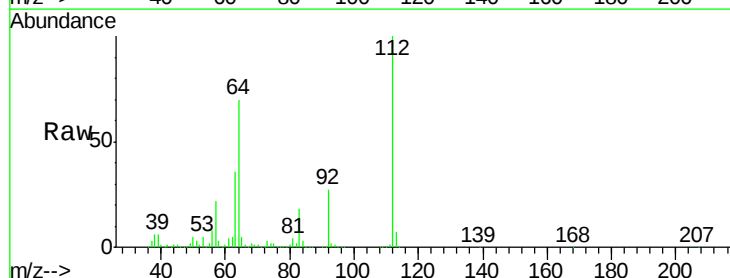
Tgt Ion:112 Resp: 1629333

Ion Ratio Lower Upper

112 100

64 69.6 56.7 85.1

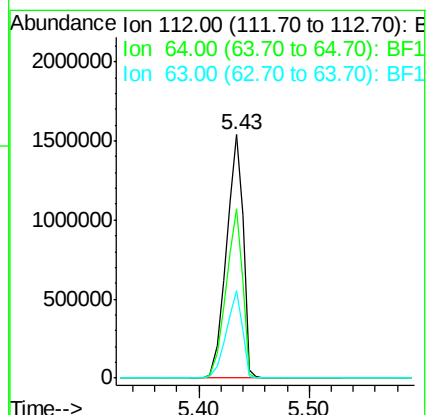
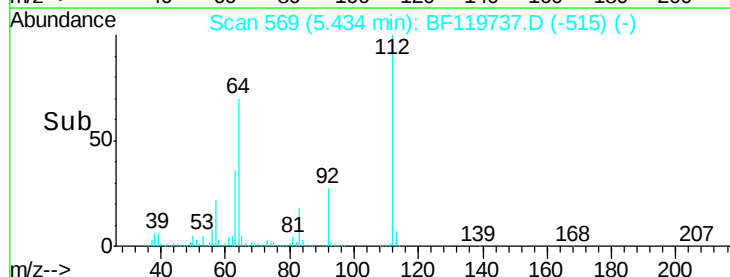
63 35.7 29.5 44.3

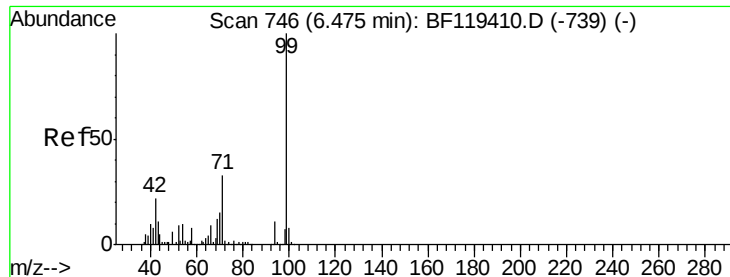


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.47 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-020304

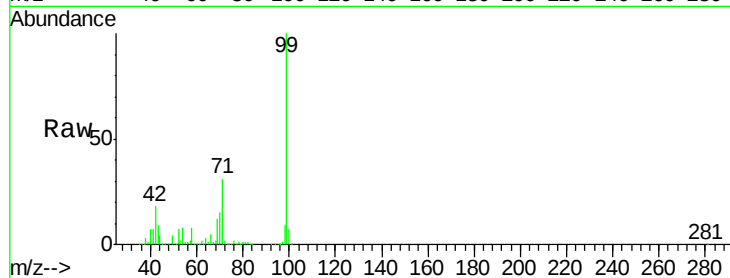
Tgt Ion: 99 Resp: 1908630

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

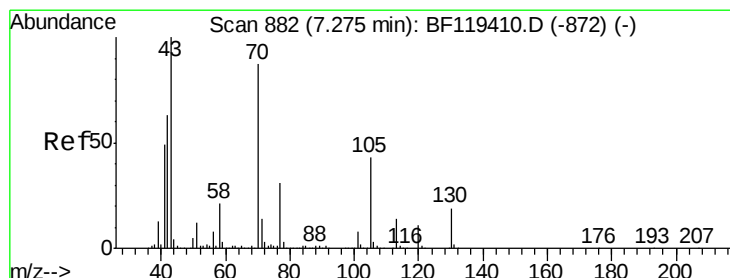
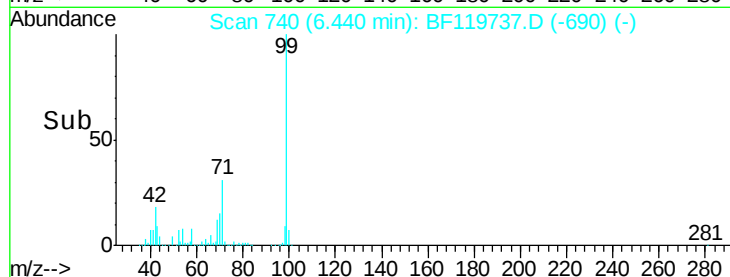
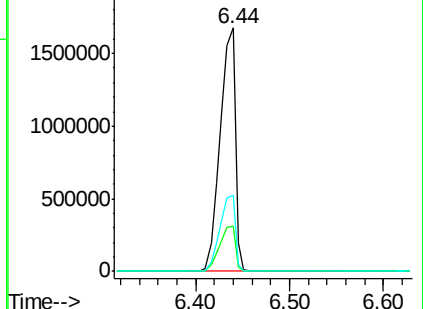
71 31.2 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.24 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Tgt Ion: 70 Resp: 176422

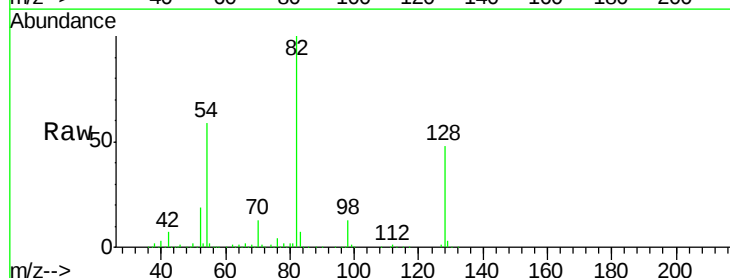
Ion Ratio Lower Upper

70 100

42 50.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

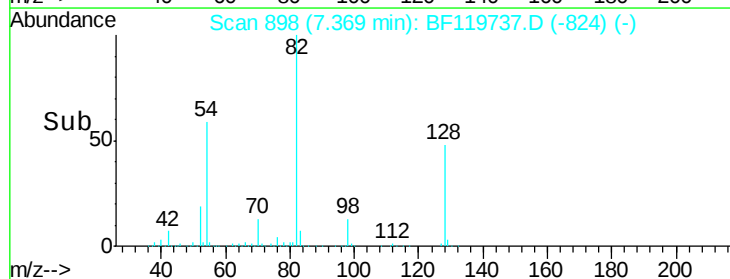
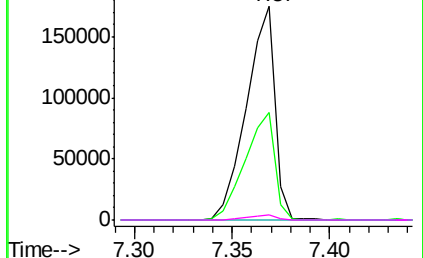


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-020304

Tgt Ion:136 Resp: 709082

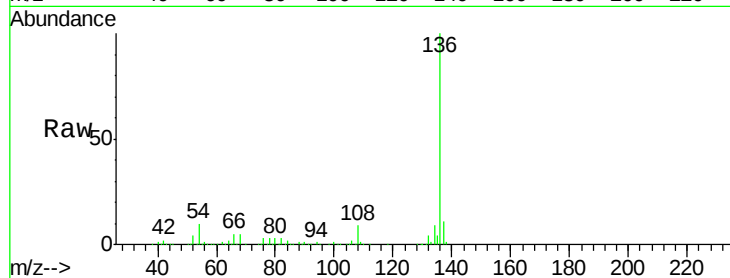
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.5 9.1 13.7

68 5.3 4.6 6.8

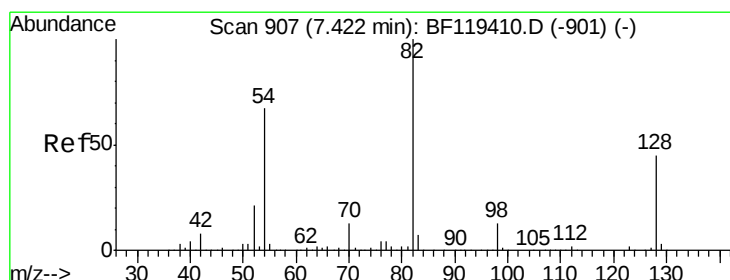
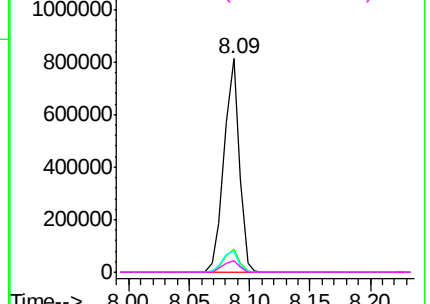
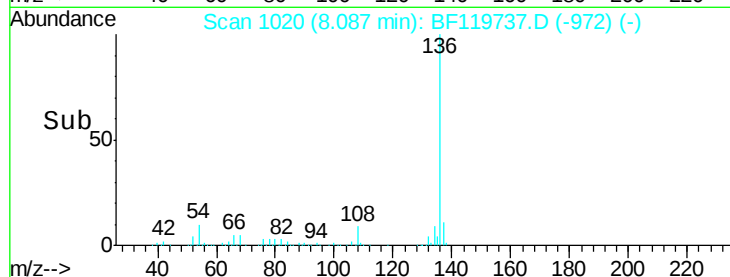


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.95 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

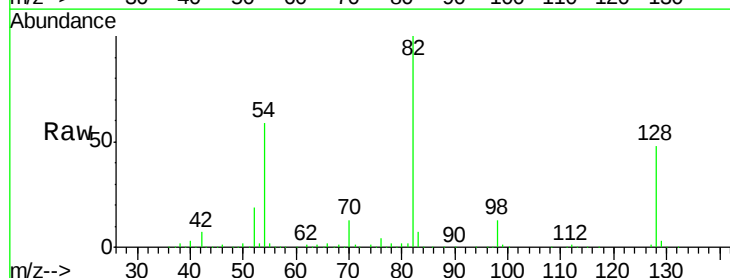
Tgt Ion: 82 Resp: 1356212

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

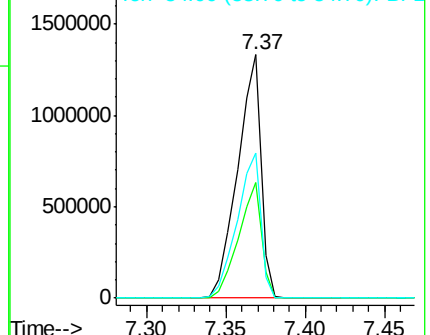
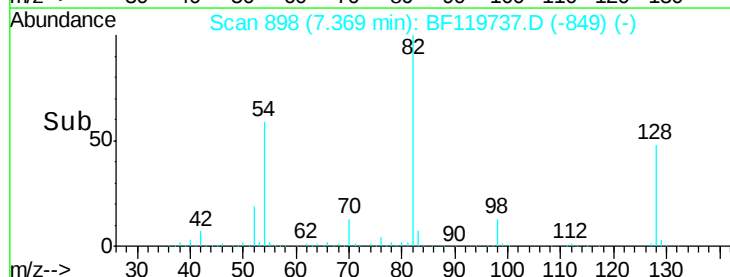
54 59.5 50.6 75.8

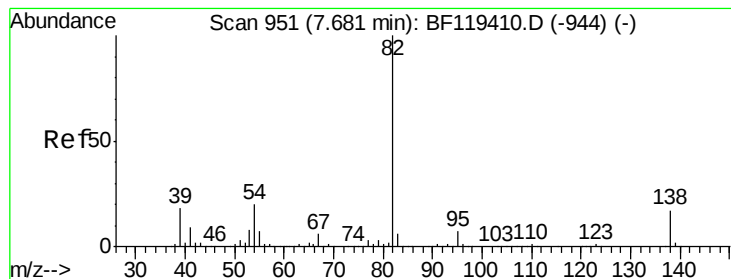


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.24 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-020304

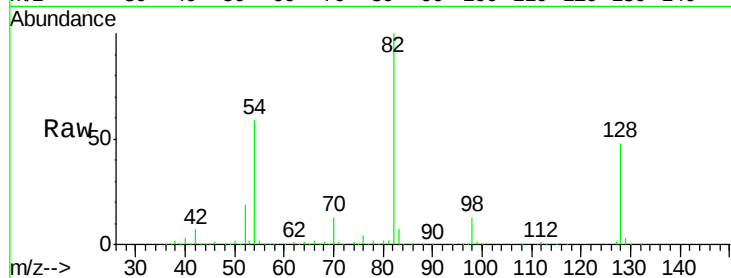
Tgt Ion: 82 Resp: 1356180

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

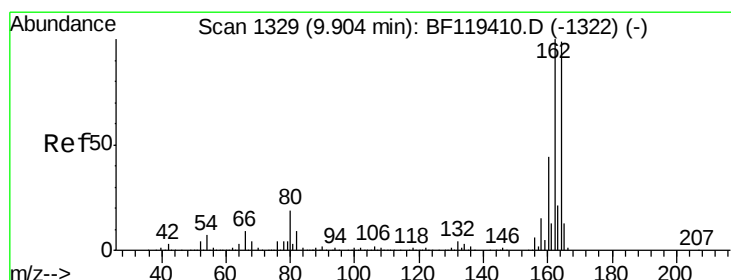
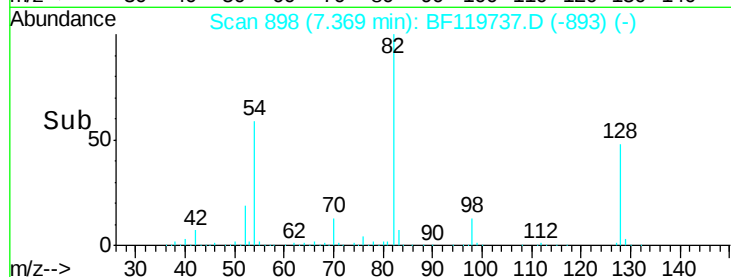
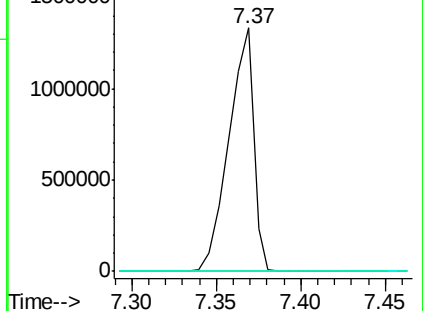
138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

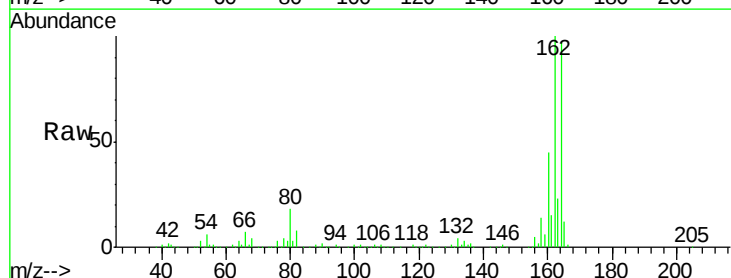
Tgt Ion: 164 Resp: 357501

Ion Ratio Lower Upper

164 100

162 103.6 80.6 121.0

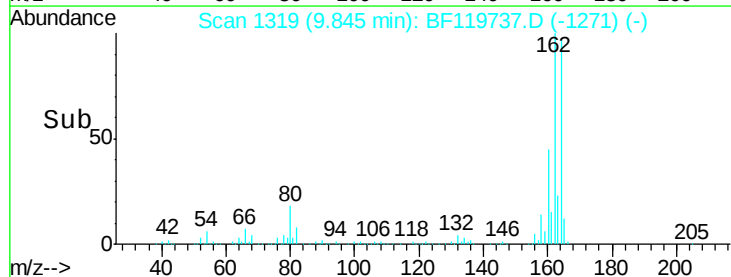
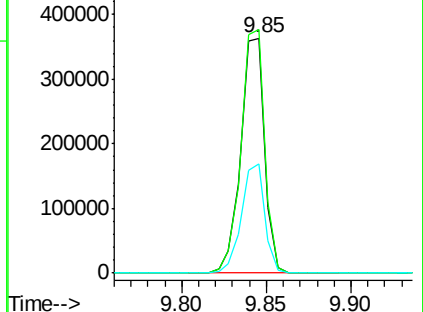
160 46.3 35.7 53.5

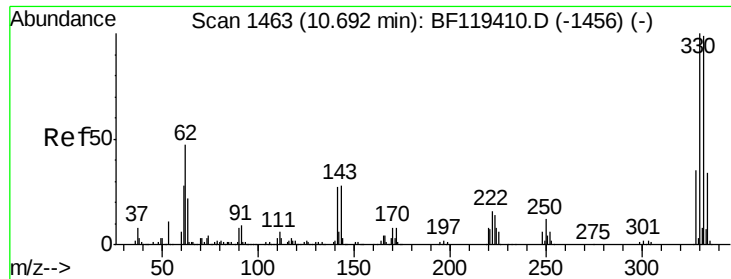


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

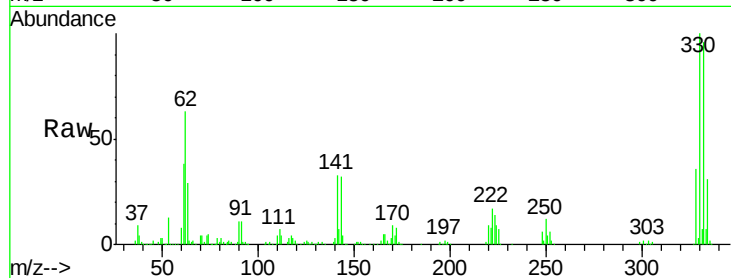




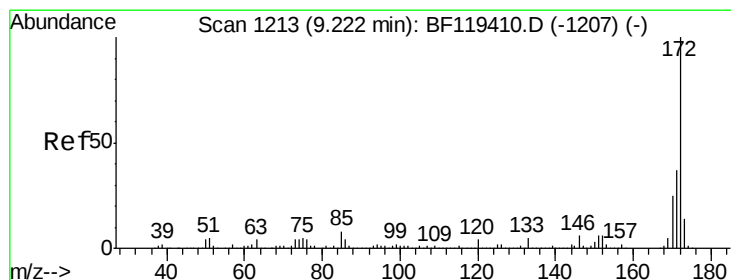
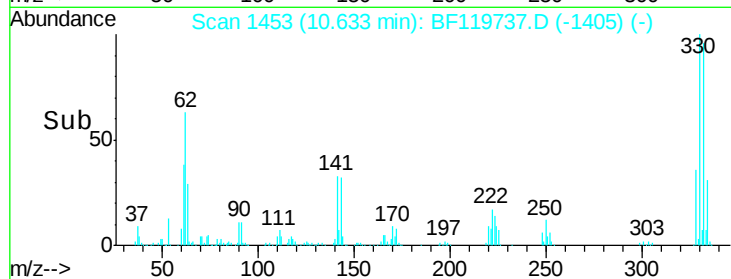
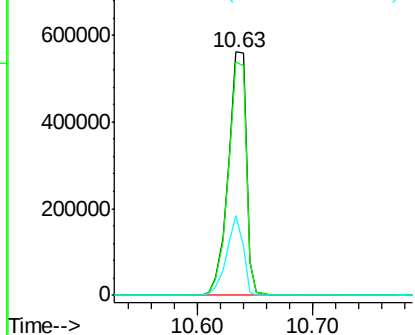
#42
 2,4,6-Tribromophenol
 Concen: 165.05 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

Tgt Ion:330 Resp: 608736
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 30.0 25.4 38.0

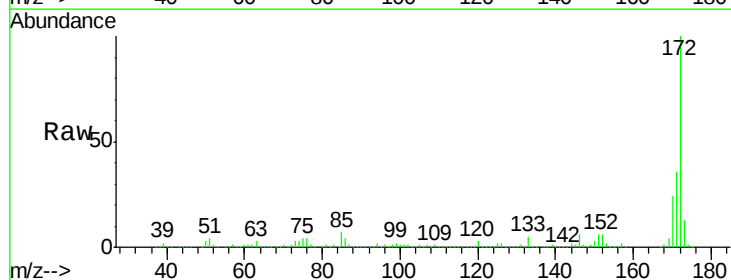


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

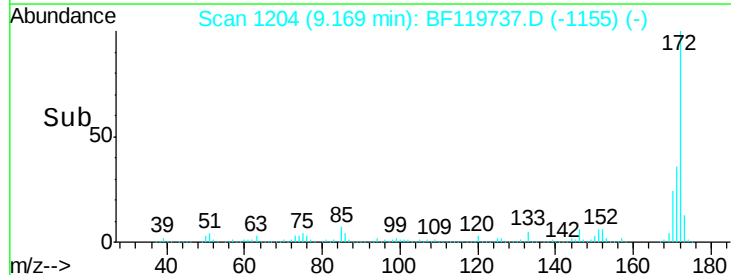
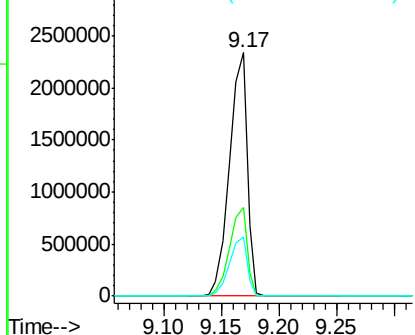


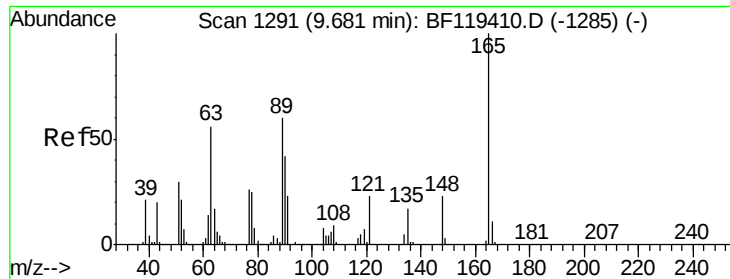
#45
 2-Fluorobiphenyl
 Concen: 103.41 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Tgt Ion:172 Resp: 2495385
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 20.2 30.2



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

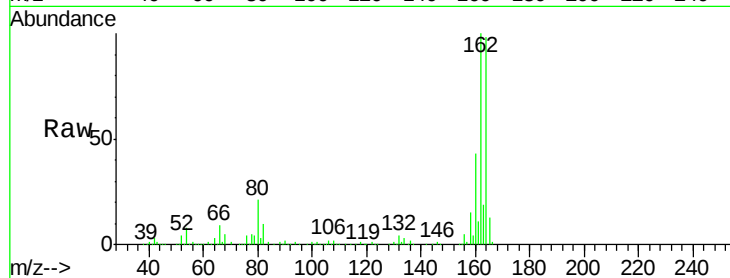




#51
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.19 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

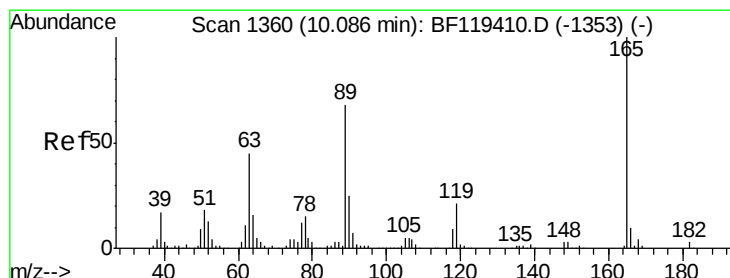
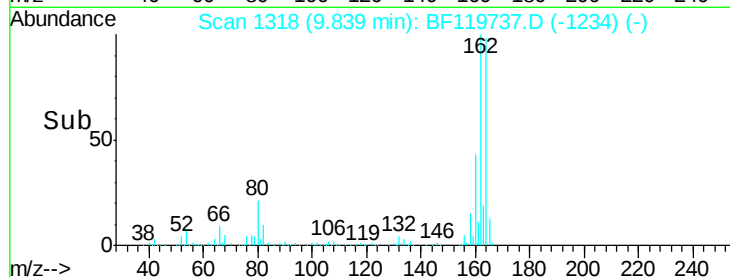
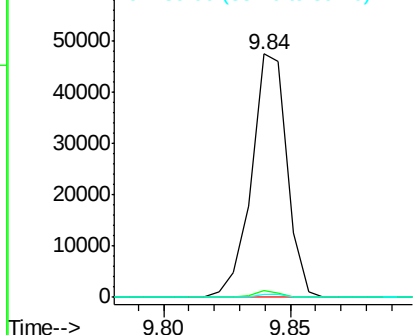
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	45.0	67.4#
89	1.0	41.5	62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

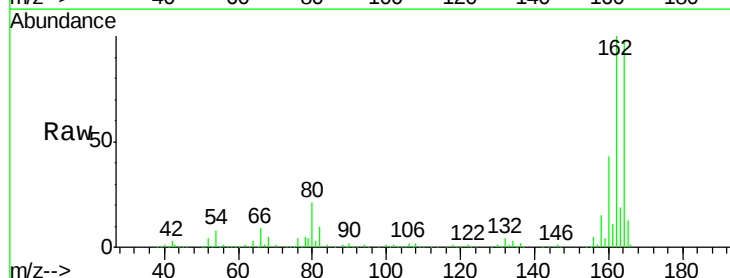
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.6	64.0#
89	1.0	61.0	91.4#
182	0.0	2.2	3.2#

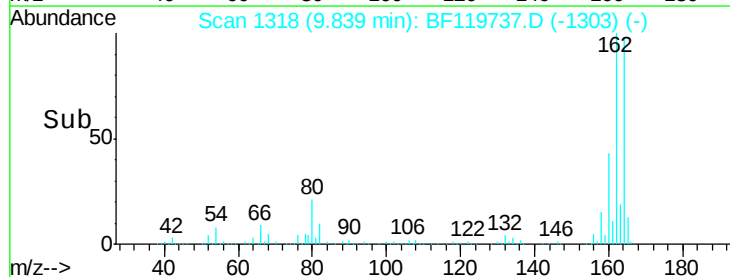
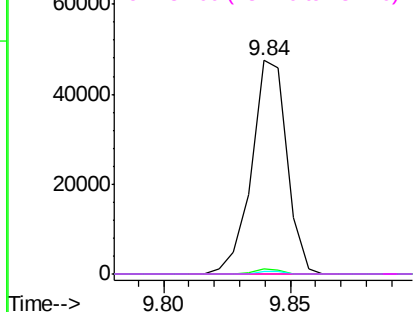


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

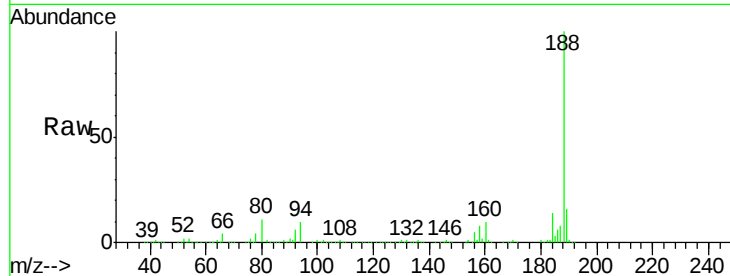




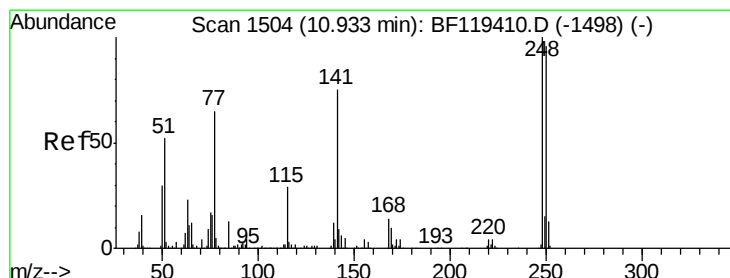
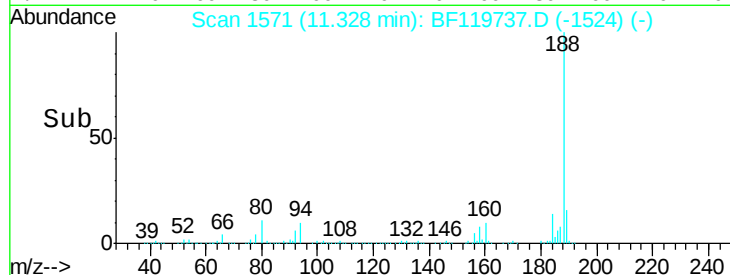
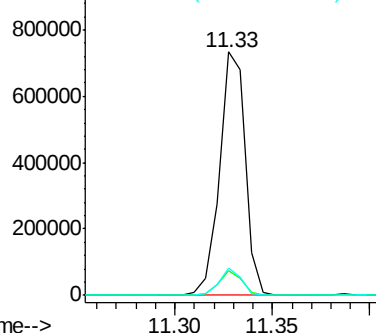
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-020304

Tgt Ion:188 Resp: 666979
Ion Ratio Lower Upper
188 100
94 10.4 7.5 11.3
80 11.1 9.0 13.4

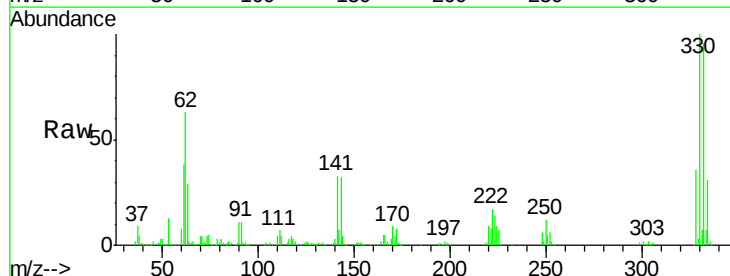


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

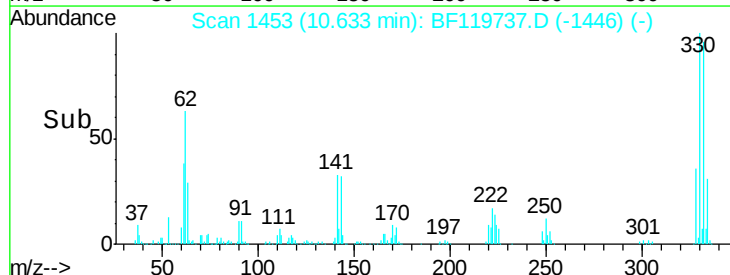
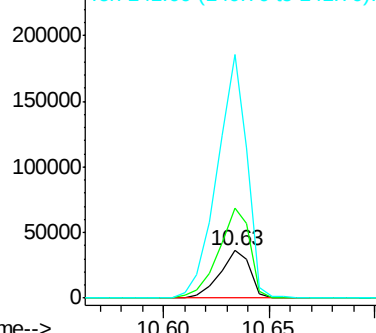


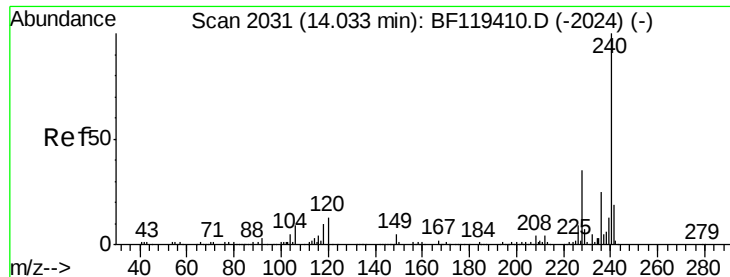
#67
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.26 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Tgt Ion:248 Resp: 36341
Ion Ratio Lower Upper
248 100
250 188.2 77.3 115.9#
141 510.5 58.6 87.8#



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

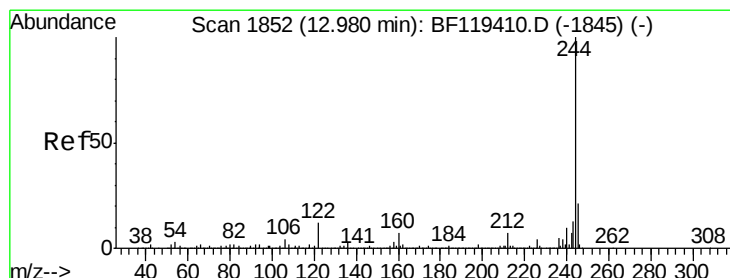
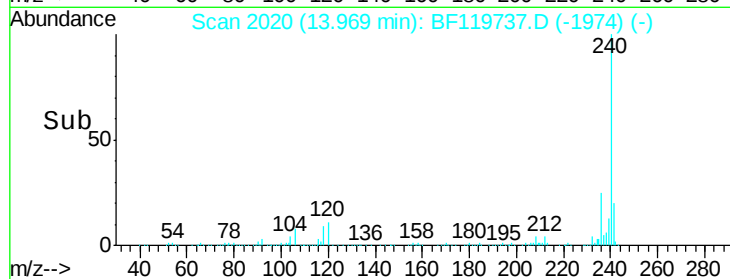
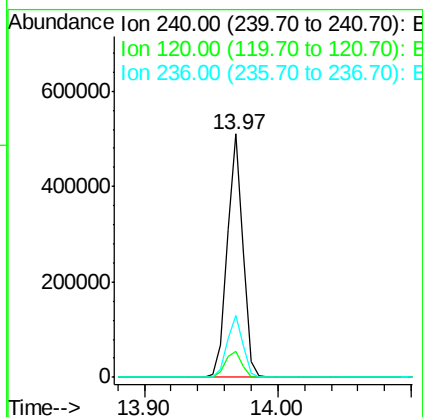
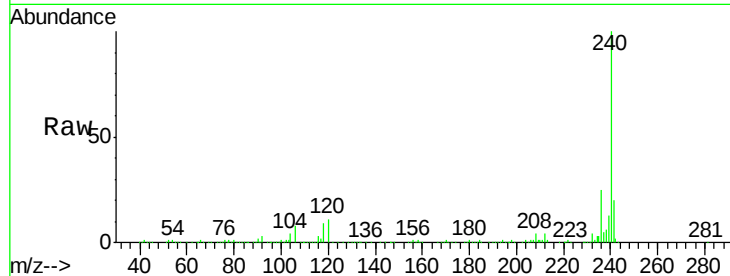




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

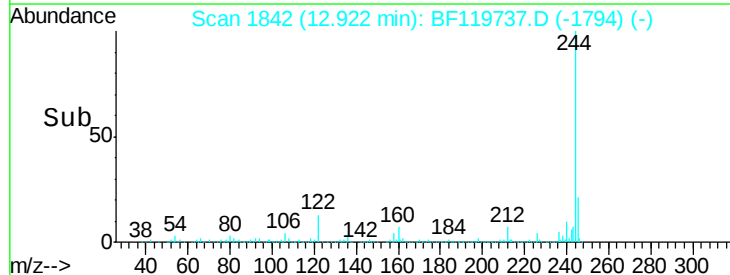
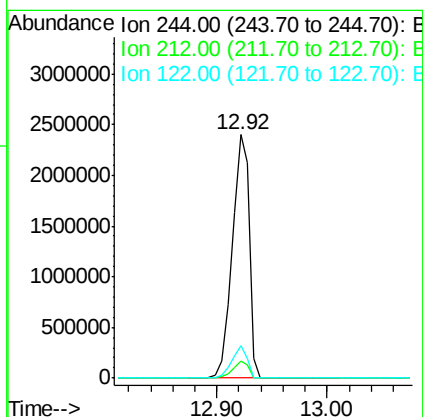
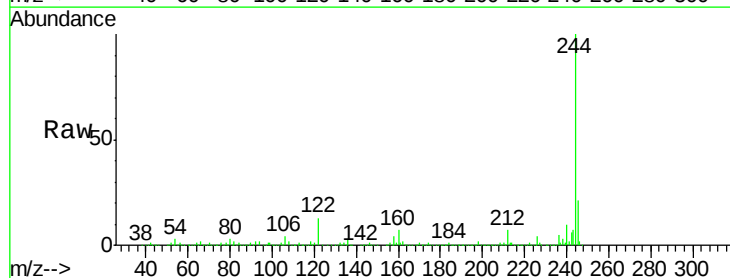
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-020304

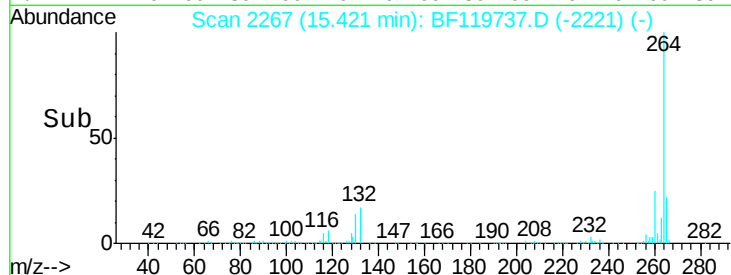
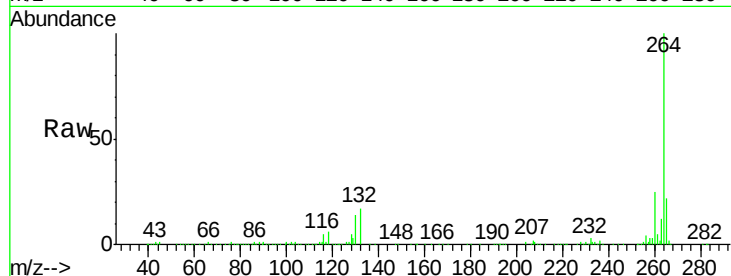
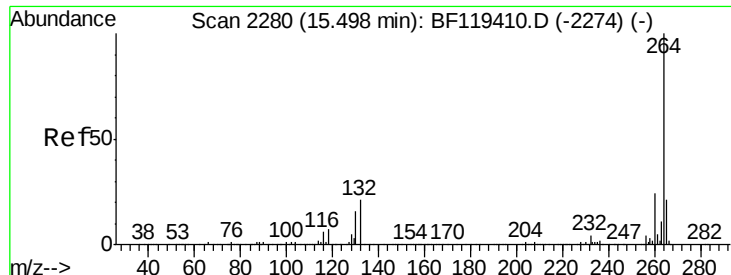
Tgt Ion:240 Resp: 422300
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 119.51 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Tgt Ion:244 Resp: 2575937
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.3 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-020304

Tgt Ion:	264	Resp:	405211
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.7	28.1
265	22.3	17.7	26.5

