

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120056.D
 Acq On : 17 Apr 2020 13:53
 Operator : MA/SJ
 Sample : L2271-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-7

Quant Time: Apr 17 14:31:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185255	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	665791	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	308993	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	459266	20.00	ng	0.00
76) Chrysene-d12	13.90	240	269507	20.00	ng	0.00
87) Perylene-d12	15.33	264	285429	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1377637	128.52	ng	0.00
7) Phenol-d6	6.37	99	1804215	130.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1144078	88.90	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	380123	100.48	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2072982	95.25	ng	0.00
79) Terphenyl-d14	12.85	244	1514332	94.55	ng	0.00

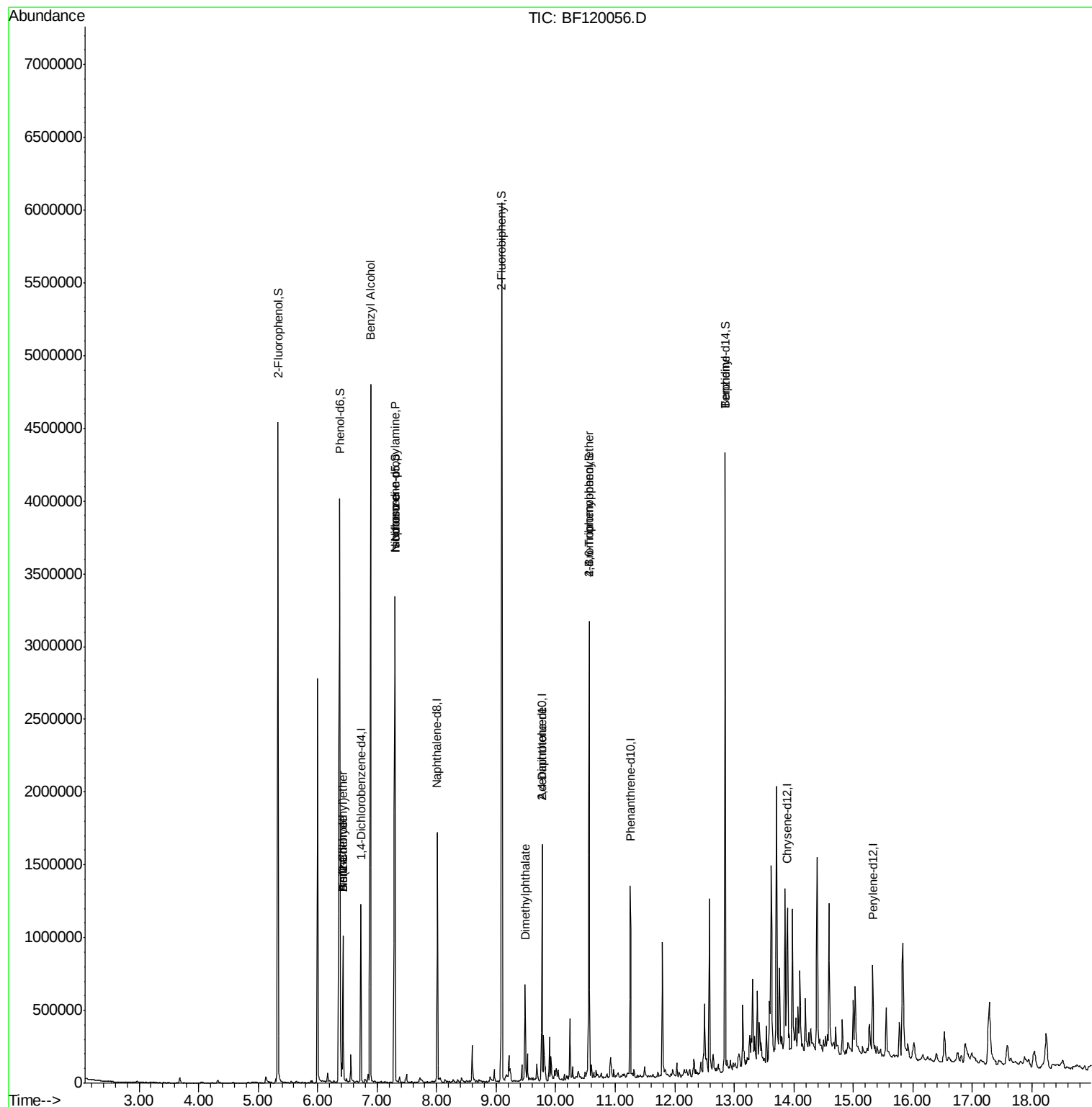
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.43	93	214678	11.841	ng	# 47
9) Benzaldehyde	6.42	77	51633	2.083	ng	# 8
11) bis(2-Chloroethyl)ether	6.43	93	214678	17.743	ng	# 17
15) Benzyl Alcohol	6.89	79	24954	2.326	ng	# 47
19) n-Nitroso-di-n-propylamine	7.30	70	152100	17.124	ng	# 75
25) Isophorone	7.30	82	1130449	45.566	ng	# 65
50) Dimethylphthalate	9.49	163	228325	9.553	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	39693	5.756	ng	# 23
67) 4-Bromophenyl-phenylether	10.56	248	23520	4.118	ng	# 1
77) Benzidine	12.85	184	18712	2.054	ng	# 87

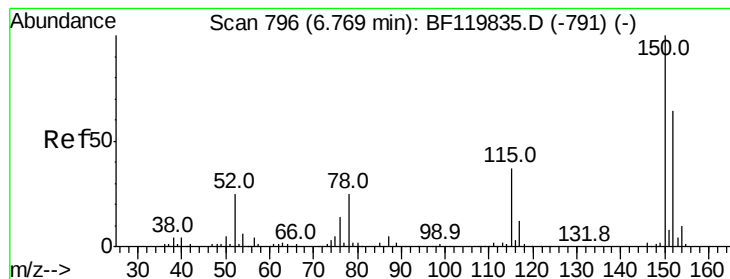
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120056.D
Acq On : 17 Apr 2020 13:53
Operator : MA/SJ
Sample : L2271-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-7

Quant Time: Apr 17 14:31:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration



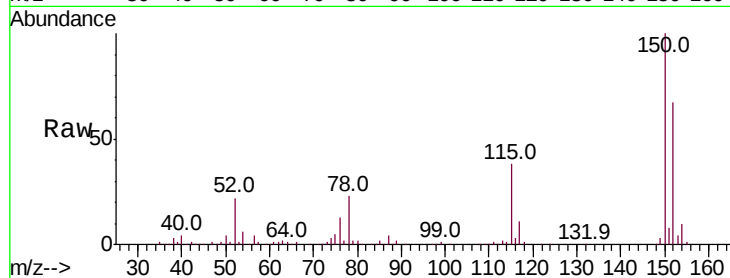


#1

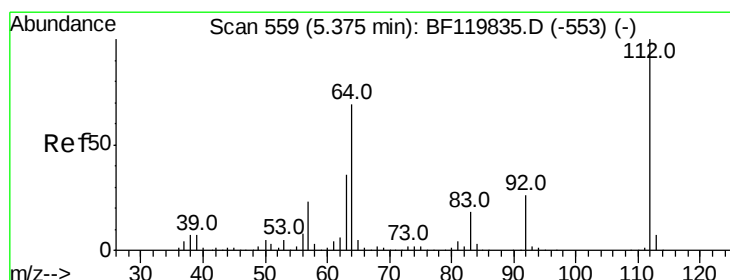
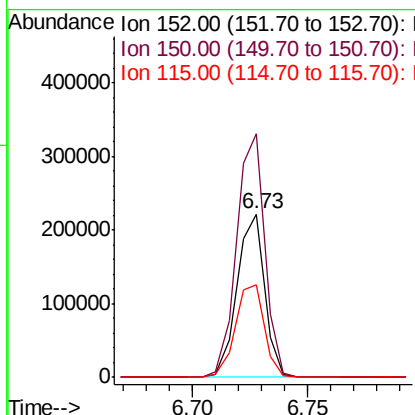
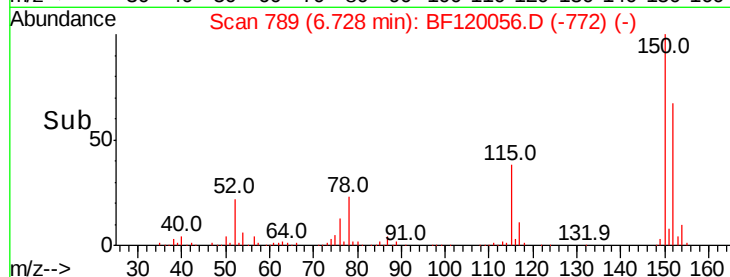
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Instrument :
BNA_F
ClientSampled :
BG-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	124.8	187.2
115	56.9	46.5	69.7



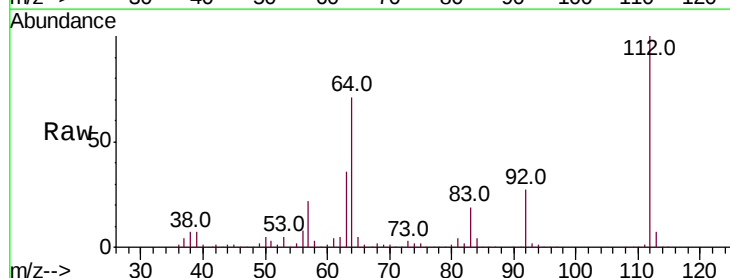
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



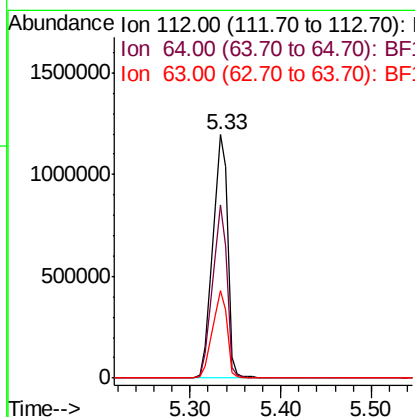
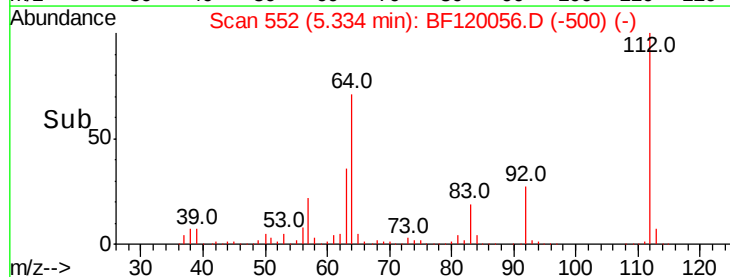
#5

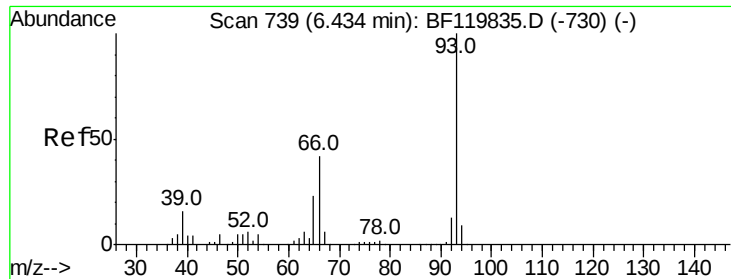
2-Fluorophenol
Concen: 128.515 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.5	83.3
63	36.2	29.1	43.7



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





#6

Aniline

Concen: 11.841 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.04 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

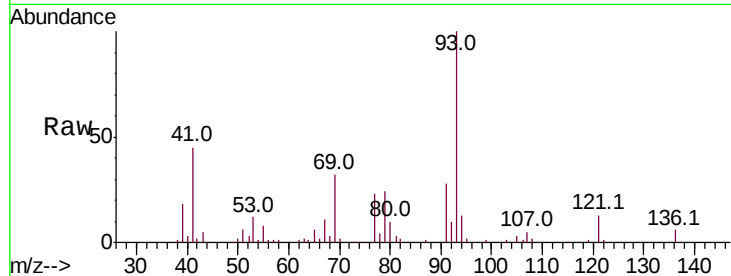
Tot Ion: 93 Resp: 214678

Ion Ratio Lower Upper

93 100

66 2.0 34.2 51.2#

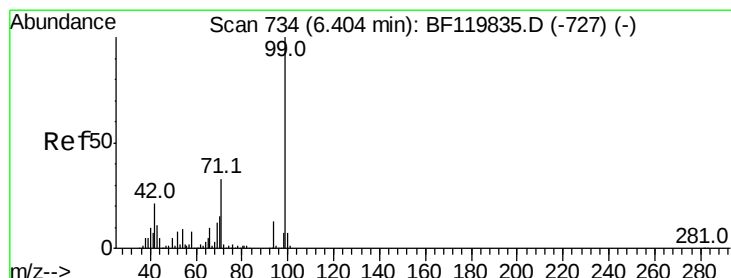
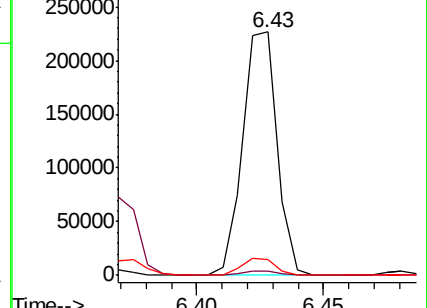
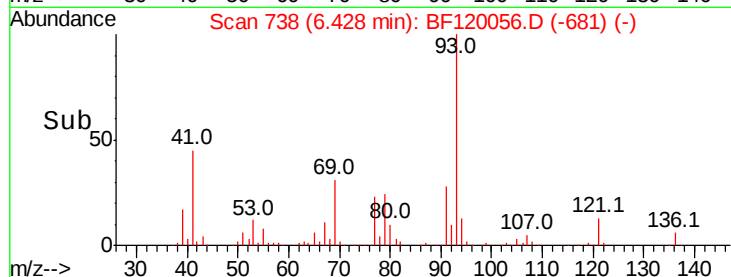
65 6.4 18.3 27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 130.619 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

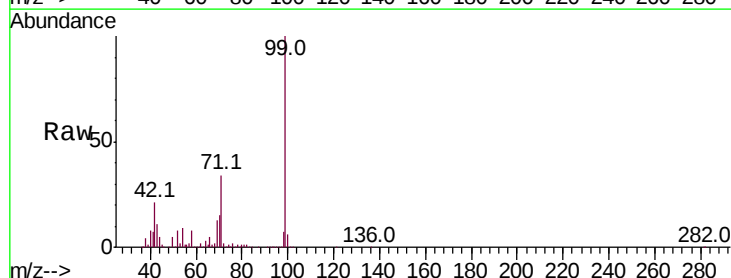
Tgt Ion: 99 Resp: 1804215

Ion Ratio Lower Upper

99 100

42 20.8 16.9 25.3

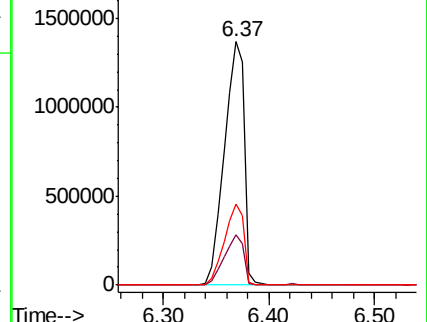
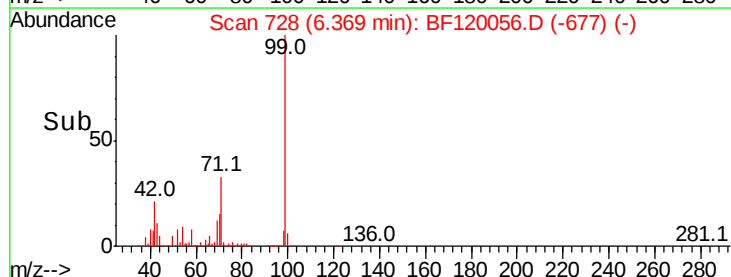
71 33.5 26.3 39.5

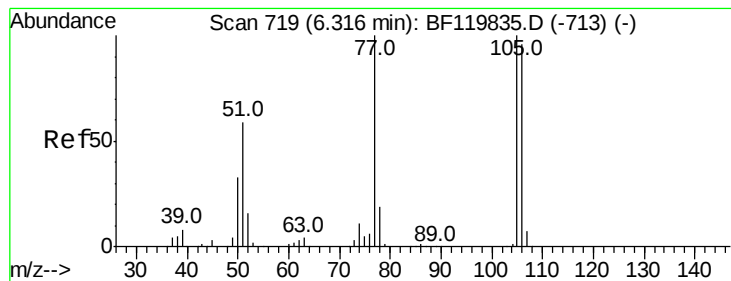


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyd

Concen: 2.083 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.15 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampled :

BG-7

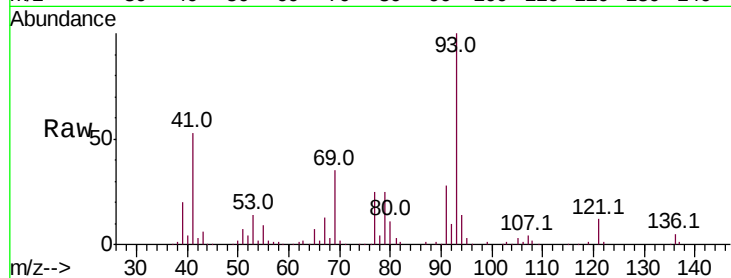
Tot Ion: 77 Resp: 51633

Ion Ratio Lower Upper

77 100

105 12.6 79.9 119.9#

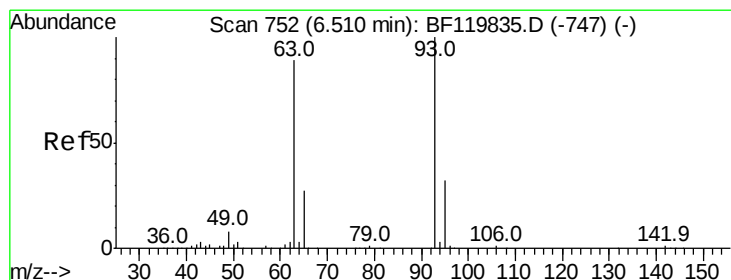
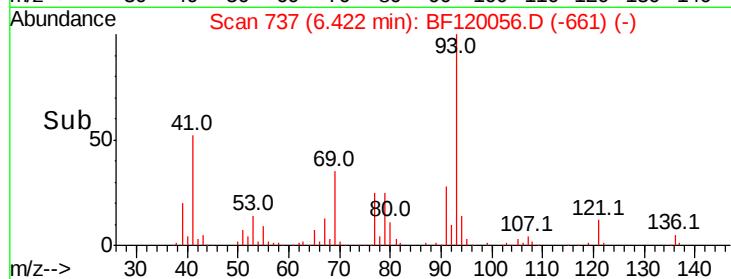
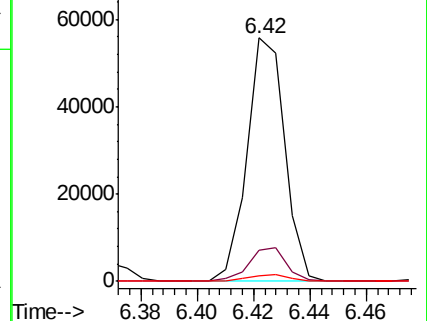
106 2.5 76.4 116.4#



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



#11

bis(2-Chloroethyl)ether

Concen: 17.743 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.04 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

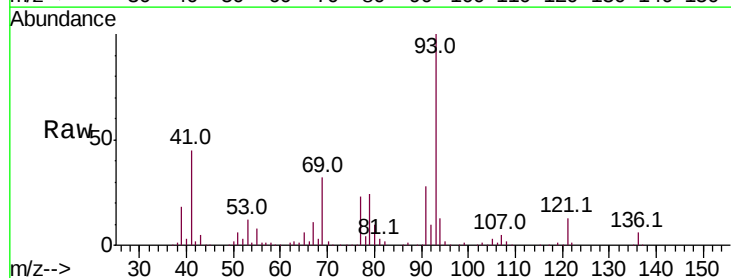
Tgt Ion: 93 Resp: 214678

Ion Ratio Lower Upper

93 100

63 2.0 69.1 109.1#

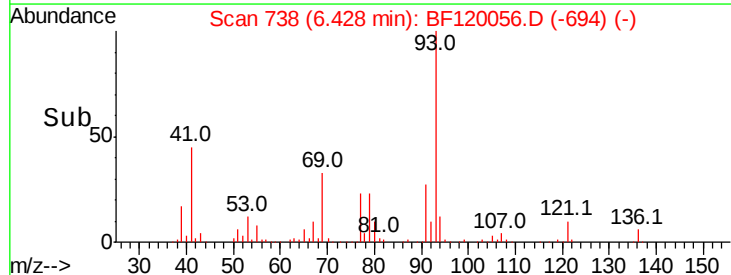
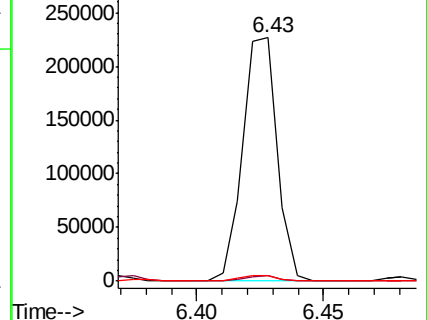
95 2.1 12.3 52.3#

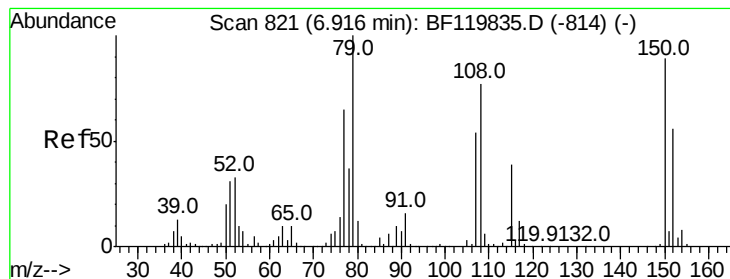


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 2.326 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

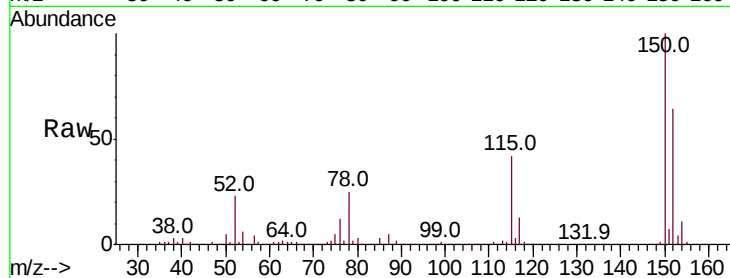
Tot Ion: 79 Resp: 24954

Ion Ratio Lower Upper

79 100

108 29.5 62.0 93.0#

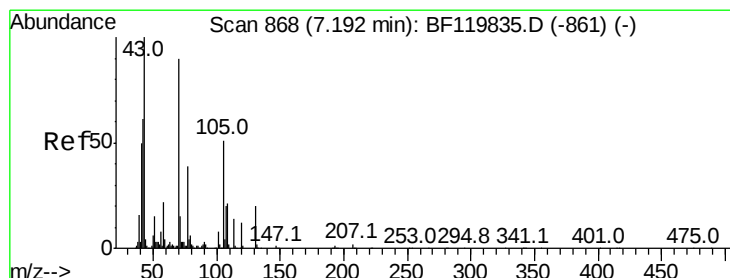
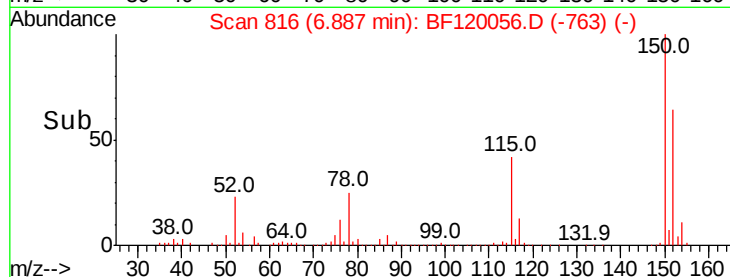
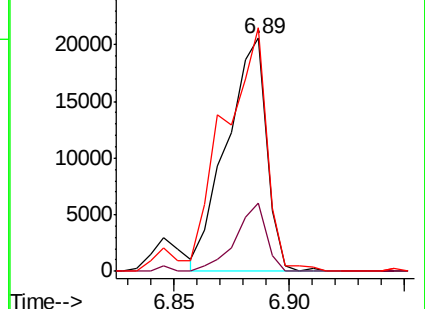
77 104.5 51.8 77.6#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.124 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Tgt Ion: 70 Resp: 152100

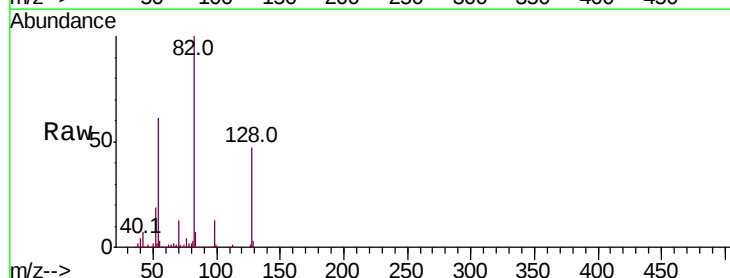
Ion Ratio Lower Upper

70 100

42 51.3 54.2 81.4#

101 0.0 7.4 11.2#

130 2.6 17.8 26.6#

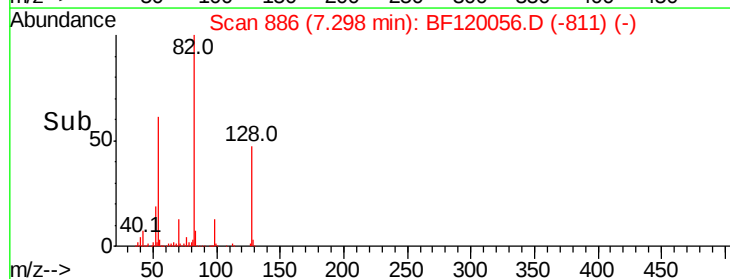
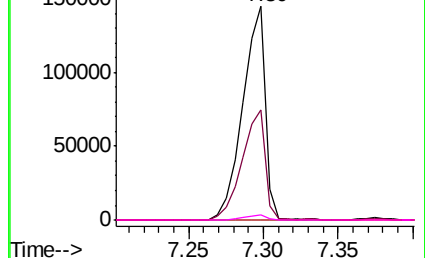


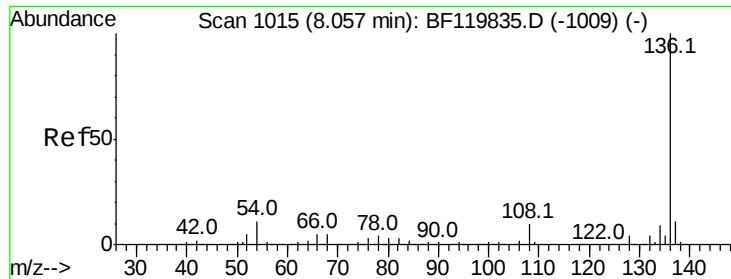
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

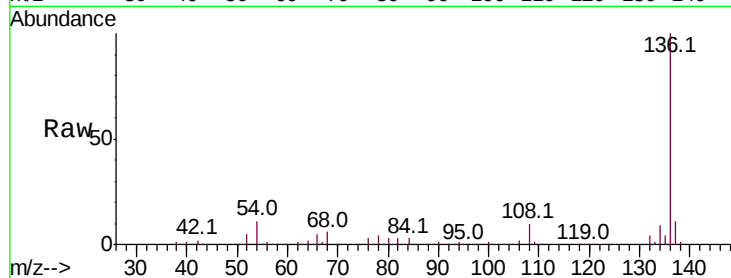




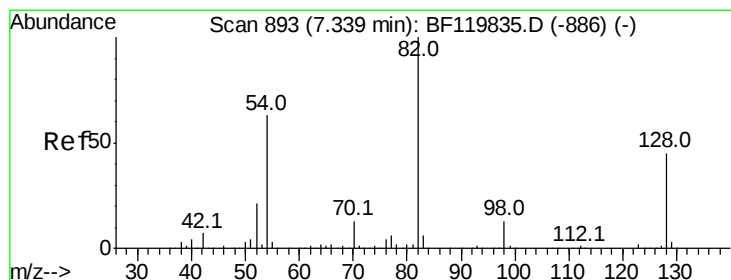
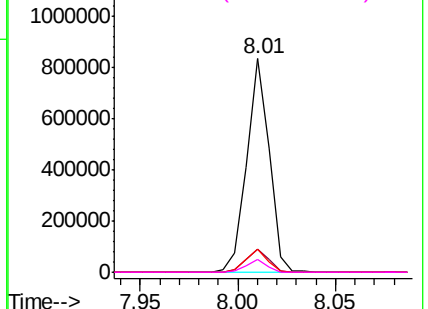
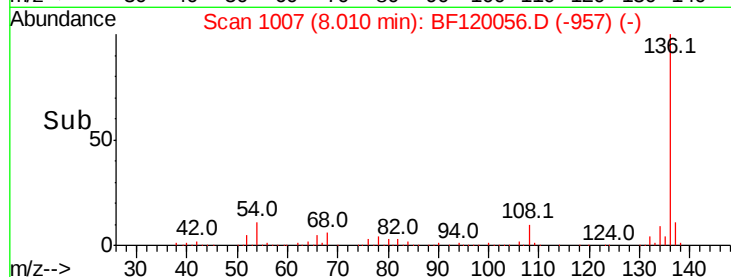
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
BG-7

Tot Ion:136 Resp: 665791
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.5 8.5 12.7
68 6.0 3.9 5.9#

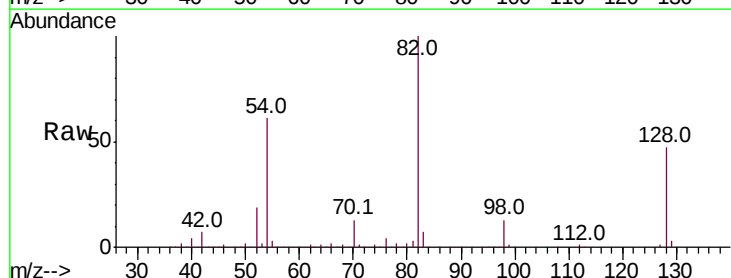


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

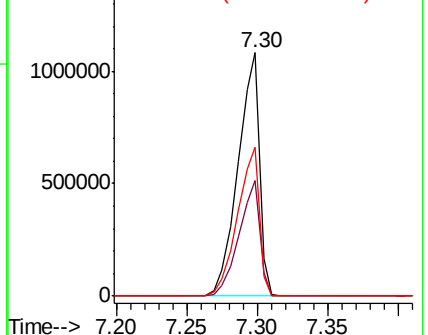
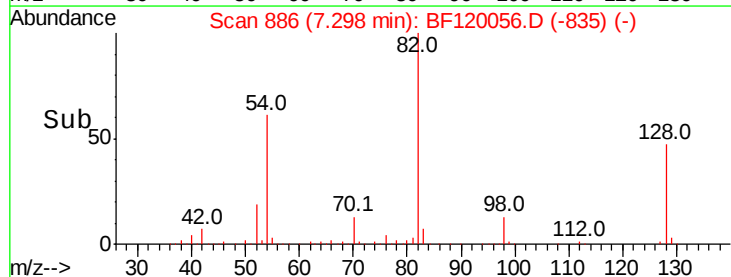


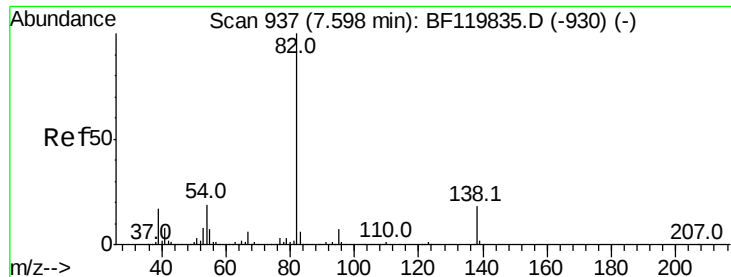
#23
Nitrobenzene-d5
Concen: 88.898 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 82 Resp: 1144078
Ion Ratio Lower Upper
82 100
128 47.3 36.2 54.4
54 61.3 50.4 75.6



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

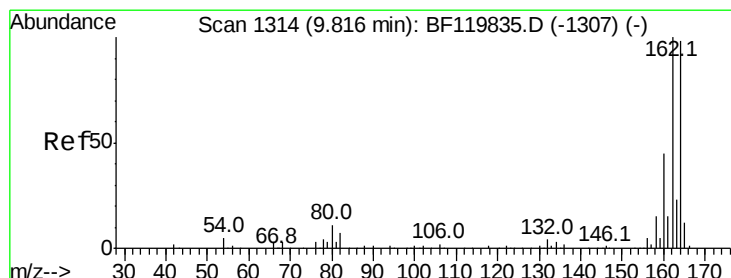
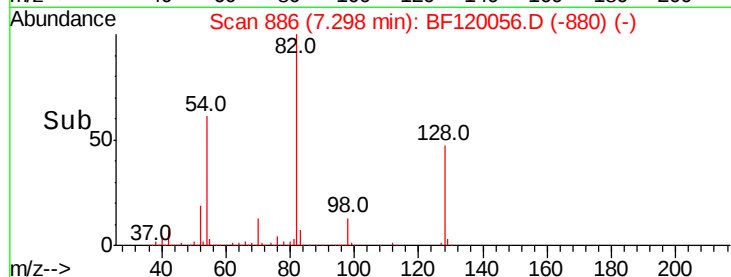
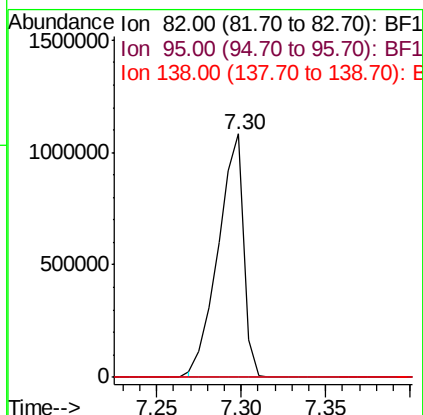
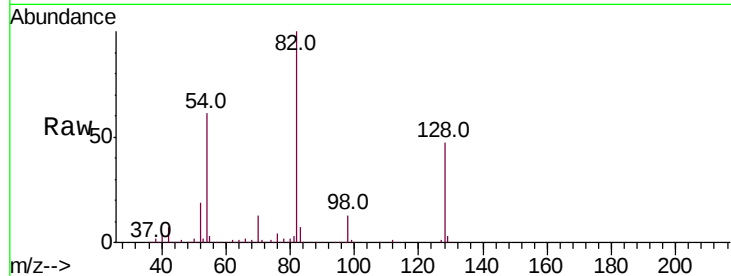




#25
Isophorone
Concen: 45.566 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

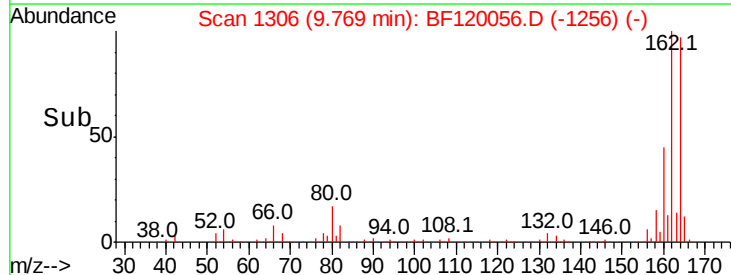
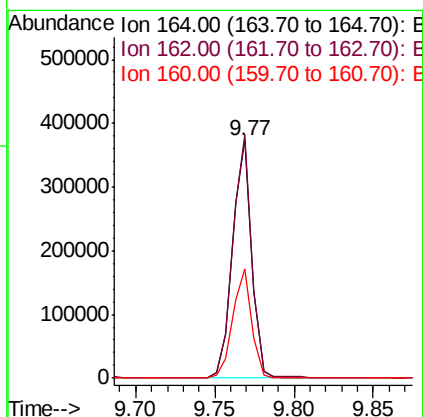
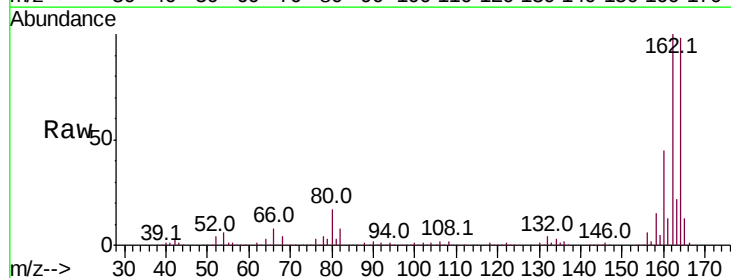
Instrument :
BNA_F
ClientSampled :
BG-7

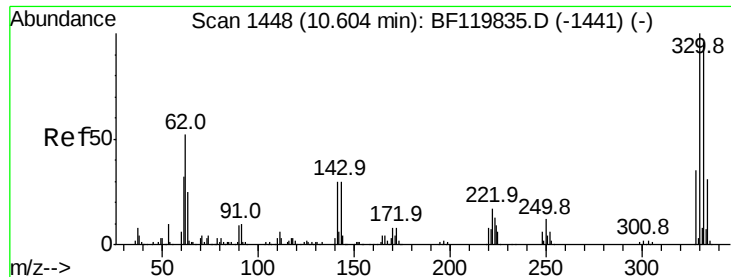
Tot Ion: 82 Resp: 1130449
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion:164 Resp: 308993
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 45.8 36.6 54.8

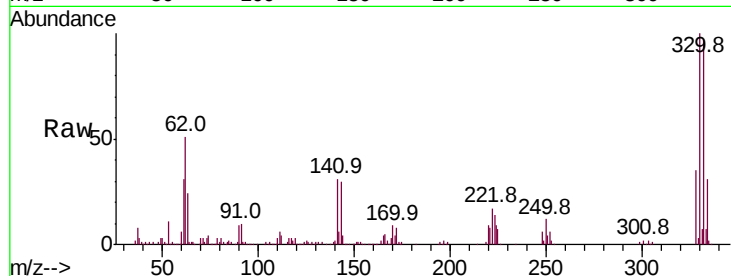




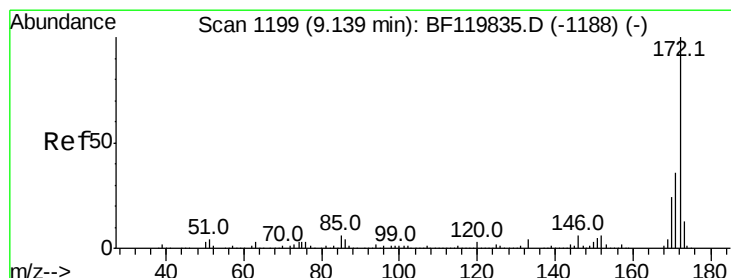
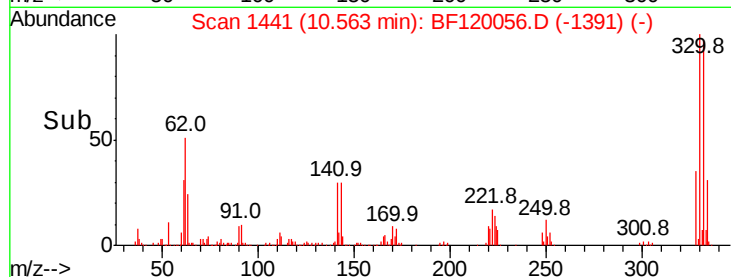
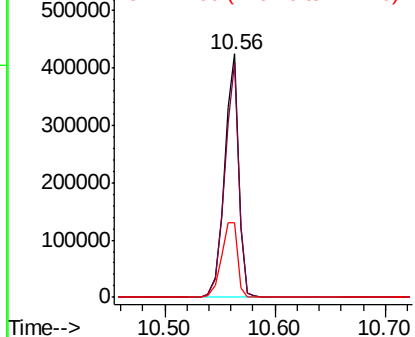
#42
 2,4,6-Tribromophenol
 Concen: 100.479 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampled :
 BG-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	35.4	25.1	37.7

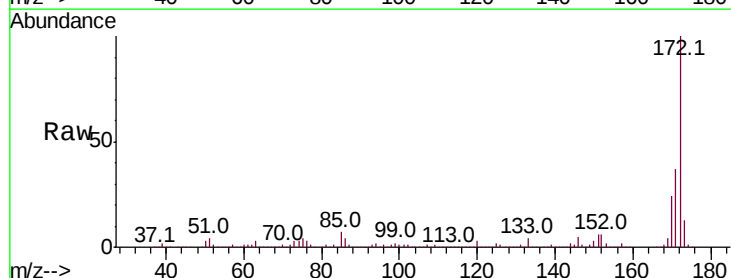


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

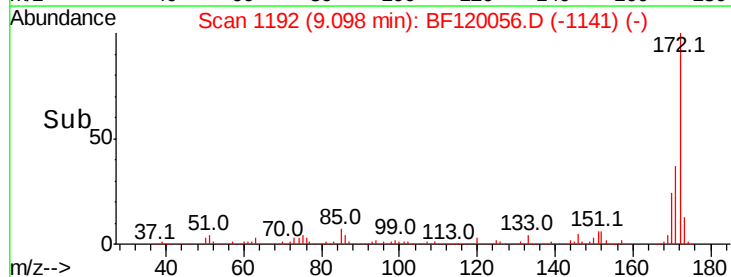
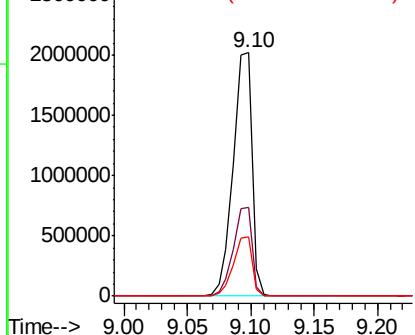


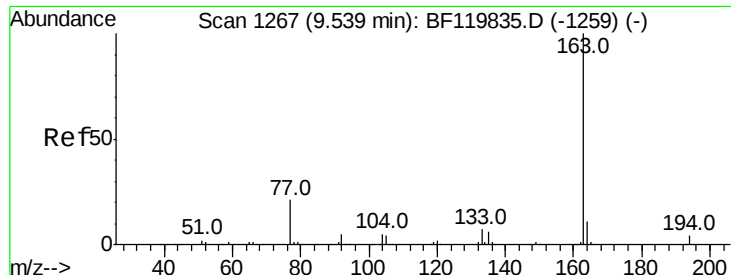
#45
 2-Fluorobiphenyl
 Concen: 95.251 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.1	19.4	29.2



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

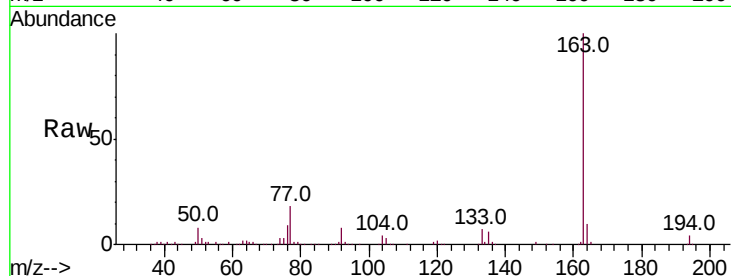




#50
Dimethylphthalate
Concen: 9.553 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
BG-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.0	8.4	12.6

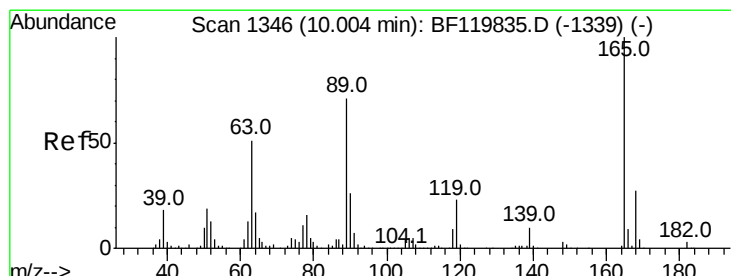
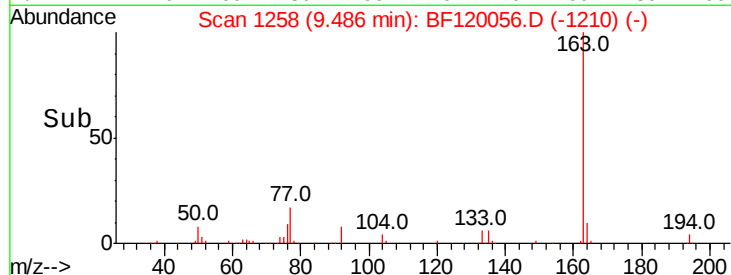
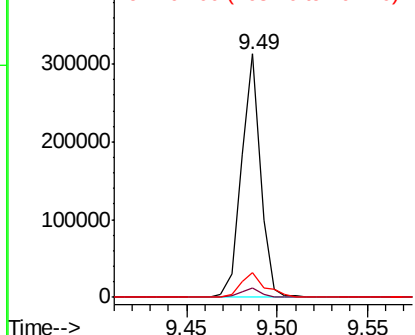


Abundance

Ion 163.00 (162.70 to 163.70): E

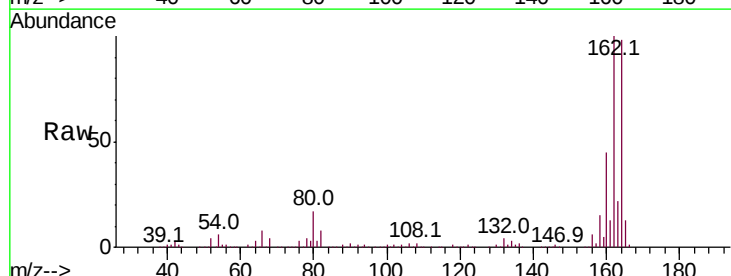
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.756 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.20 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.3	56.9	85.3#
182	0.0	2.0	3.0#



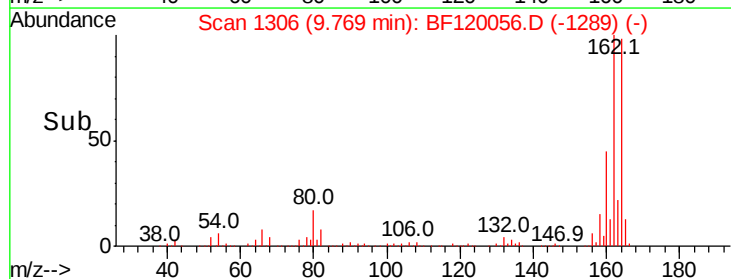
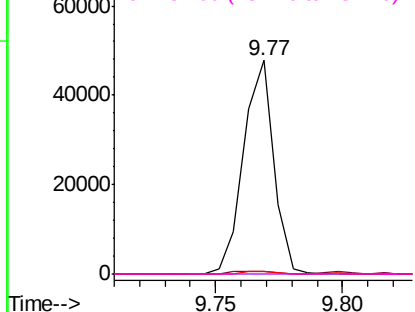
Abundance

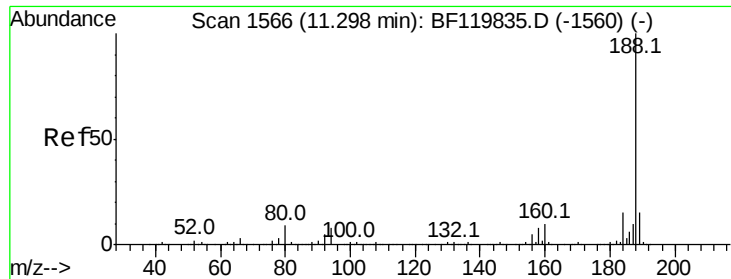
Ion 165.00 (164.70 to 165.70): E

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

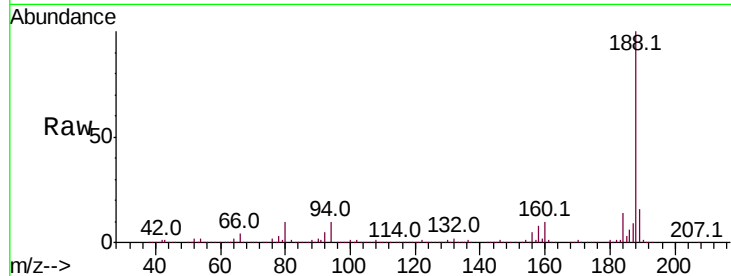




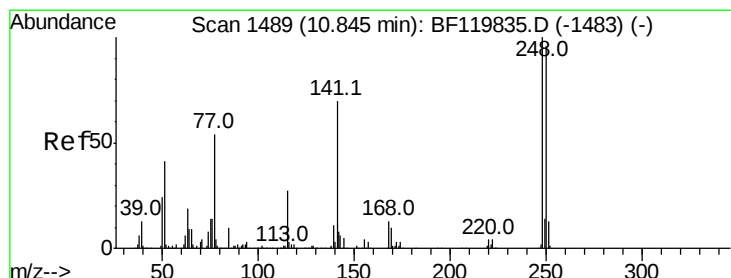
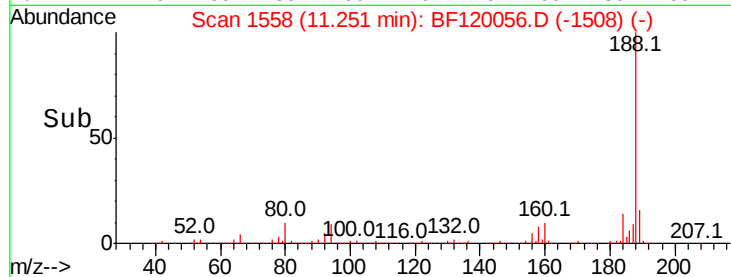
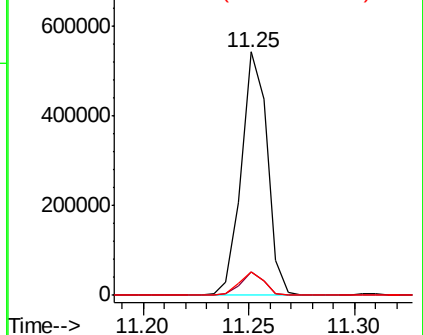
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 BG-7

Tot Ion:188 Resp: 459266
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.7 10.1
 80 9.8 7.4 11.2

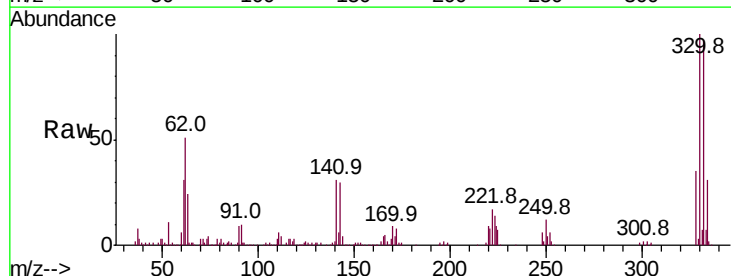


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

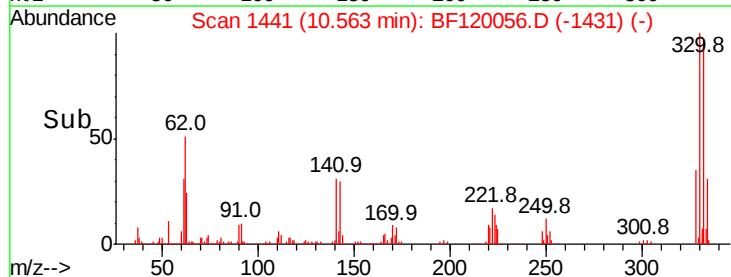
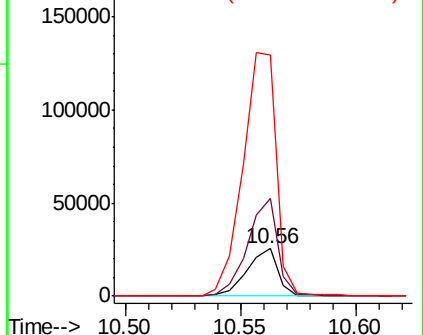


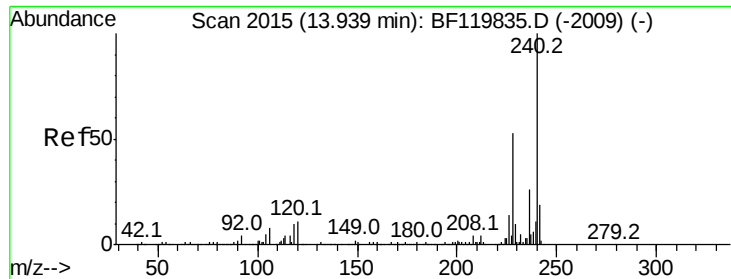
#67
 4-Bromophenyl-phenylether
 Concen: 4.118 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF120056.D
 Acq: 17 Apr 2020 13:53

Tgt Ion:248 Resp: 23520
 Ion Ratio Lower Upper
 248 100
 250 206.5 76.6 114.8#
 141 511.8 55.9 83.9#



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

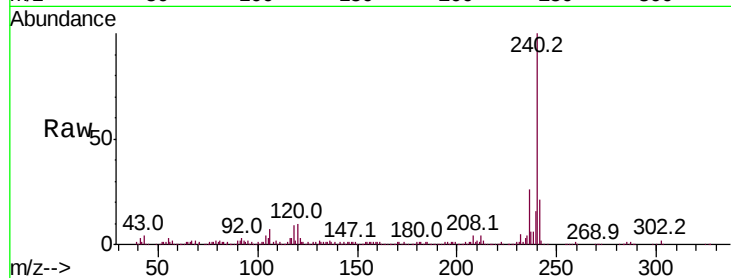




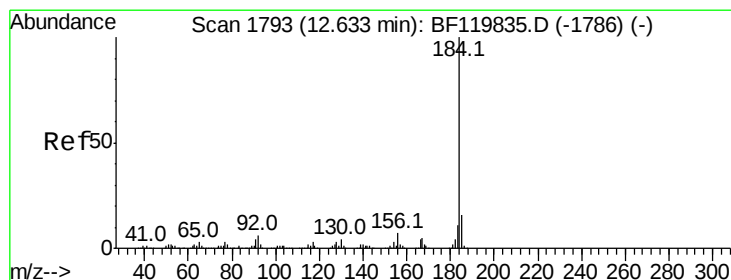
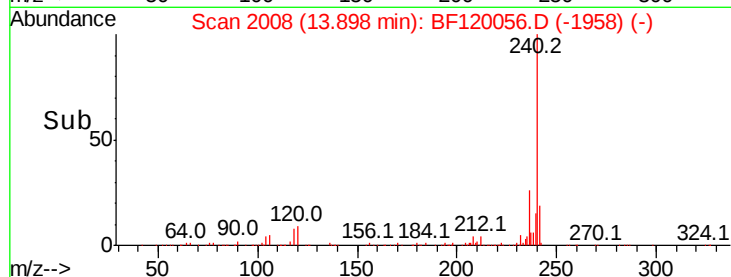
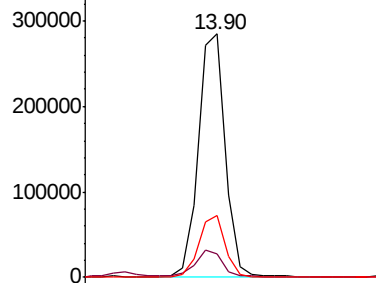
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
BG-7

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	25.6	20.7	31.1

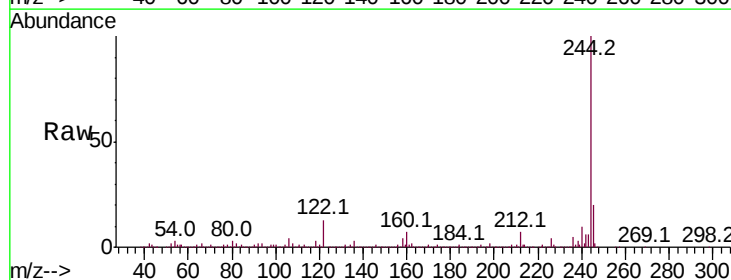


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

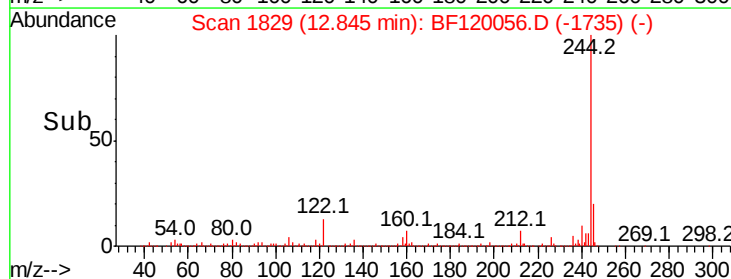
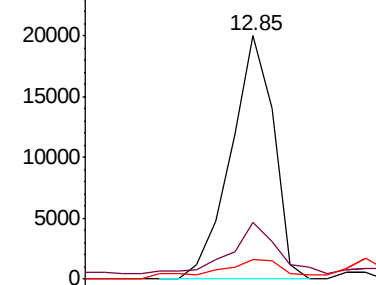


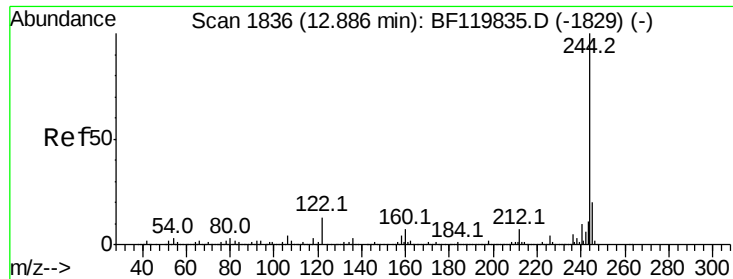
#77
Benzidine
Concen: 2.054 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.25 min
Lab File: BF120056.D
Acq: 17 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	23.3	13.2	19.8#
183	7.8	9.1	13.7#



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





#79

Terphenyl-d14

Concen: 94.547 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

BG-7

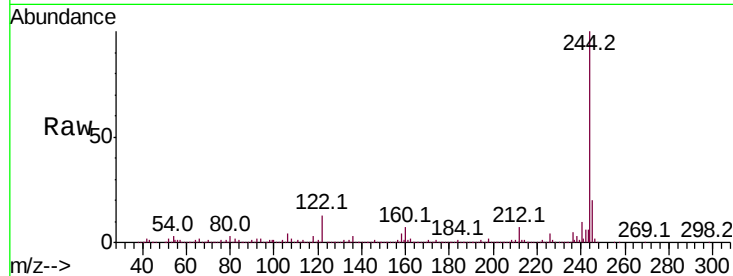
Tot Ion:244 Resp: 1514332

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

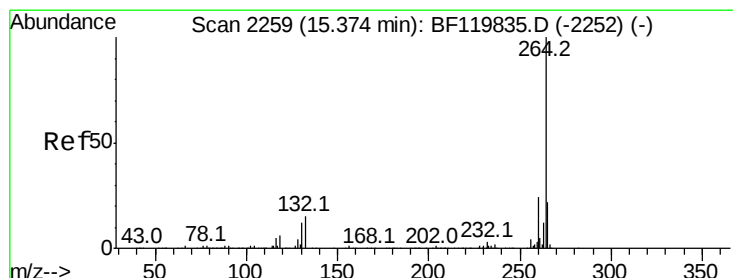
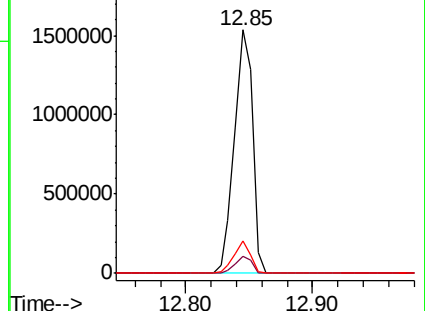
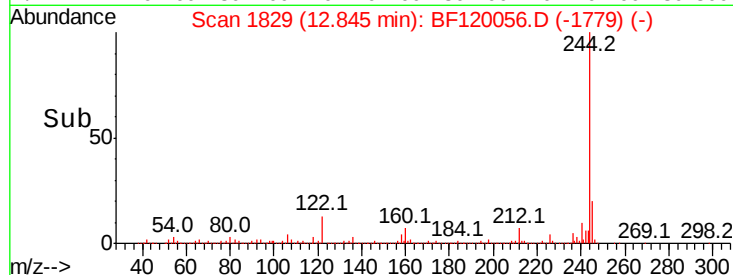
122 13.2 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120056.D

Acq: 17 Apr 2020 13:53

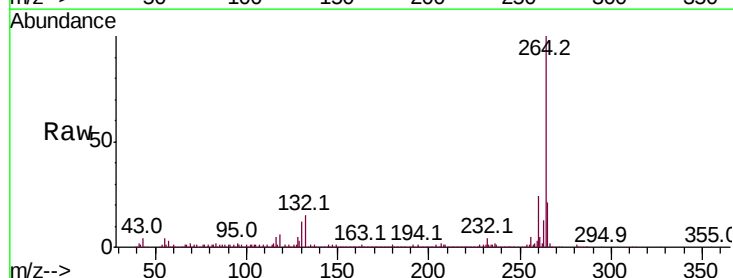
Tgt Ion:264 Resp: 285429

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

