

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
 Data File : BF120082.D
 Acq On : 20 Apr 2020 17:18
 Operator : MA/SJ
 Sample : L2314-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Quant Time: Apr 20 17:51:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160222	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	610494	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	297879	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	523226	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	346794	20.00	ng	-0.02
87) Perylene-d12	15.31	264	319327	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	896192	96.66	ng	0.00
7) Phenol-d6	6.36	99	1195130	100.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	797911	67.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	299854	82.22	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1507855	71.87	ng	0.00
79) Terphenyl-d14	12.83	244	1443191	70.02	ng	-0.01

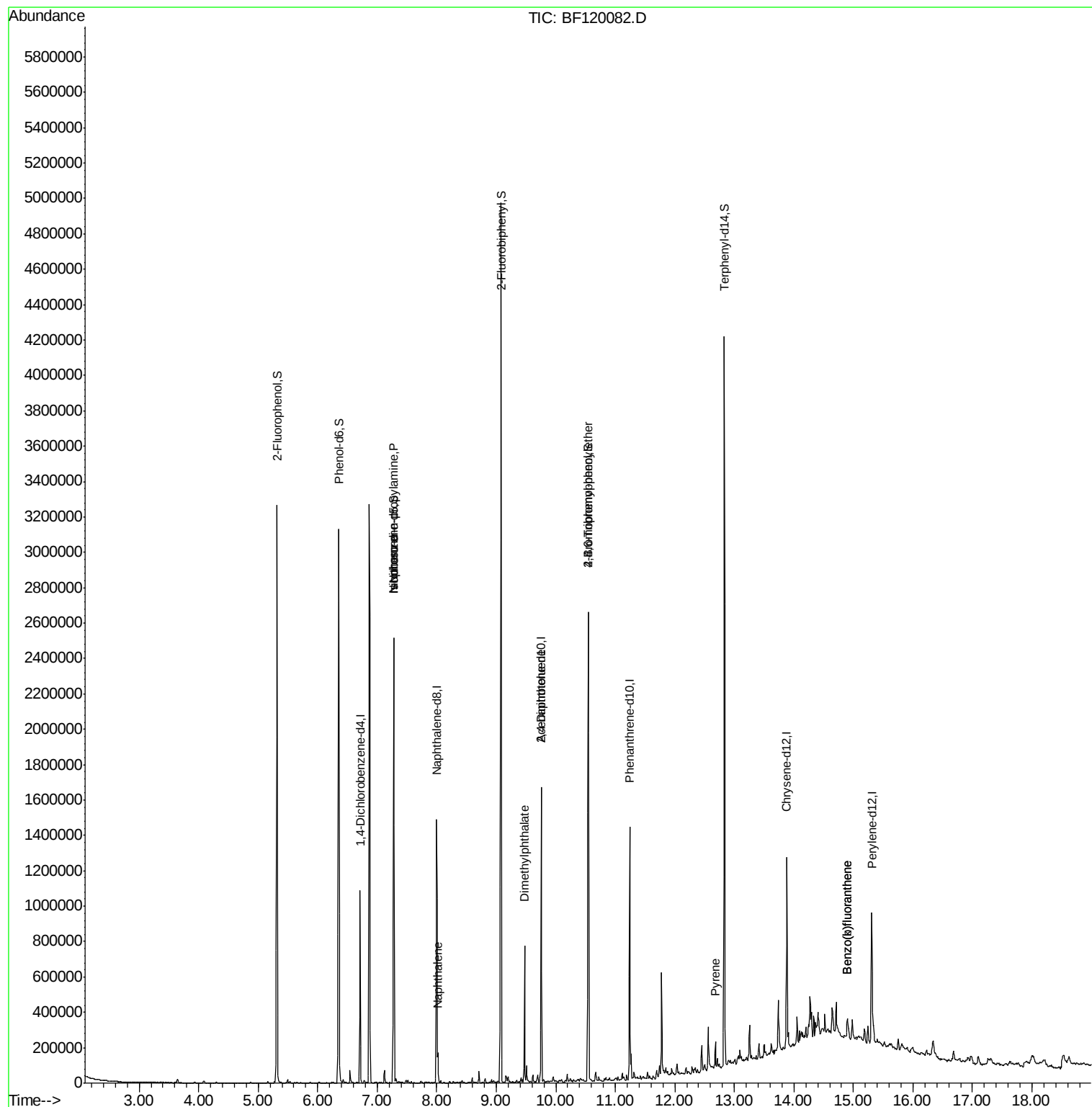
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.26	77	762	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	7.28	70	104447	13.596	ng	# 75
25) Isophorone	7.28	82	789900	34.723	ng	# 65
31) Naphthalene	8.02	128	66803	2.080	ng	# 97
50) Dimethylphthalate	9.47	163	245408	10.651	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	38680	5.819	ng	# 22
67) 4-Bromophenyl-phenylether	10.55	248	18620	2.862	ng	# 1
78) Pyrene	12.68	202	59826	2.046	ng	# 98
88) Benzo(b)fluoranthene	14.90	252	65749	2.862	ng	# 94
89) Benzo(k)fluoranthene	14.90	252	65749	3.317	ng	# 94

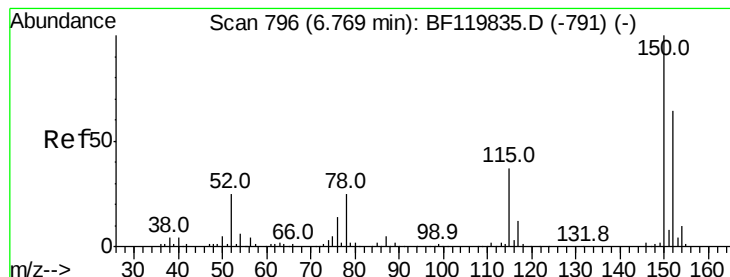
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
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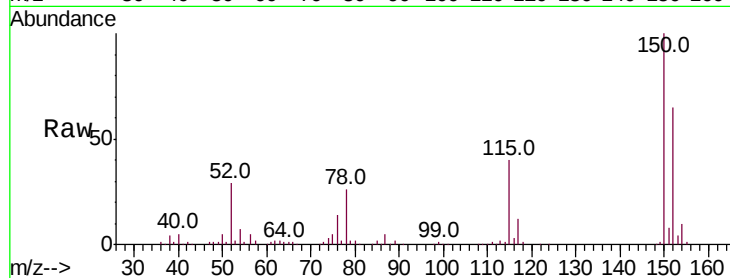


#1

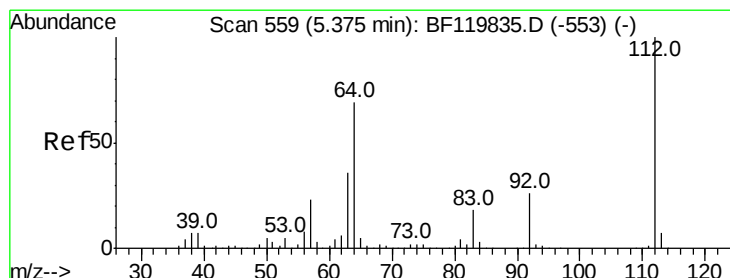
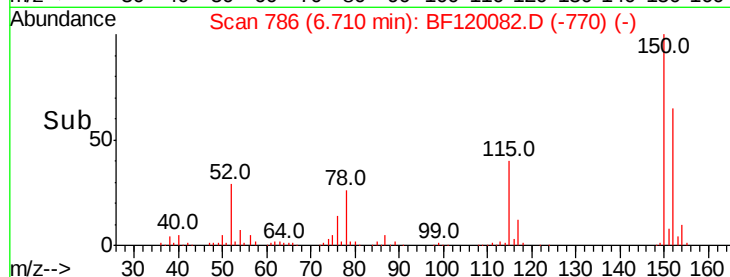
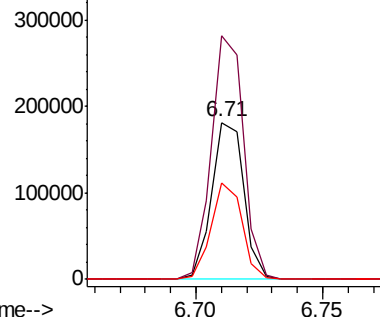
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Tot Ion:152 Resp: 160222
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.8 187.2
 115 61.8 46.5 69.7



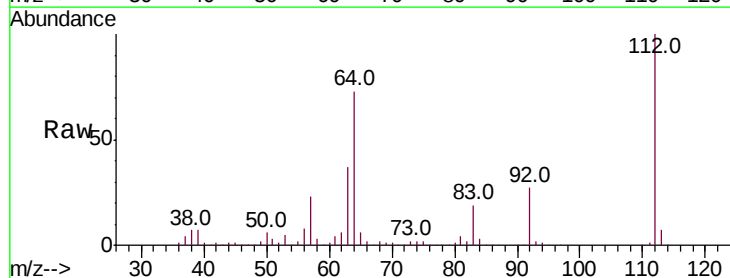
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



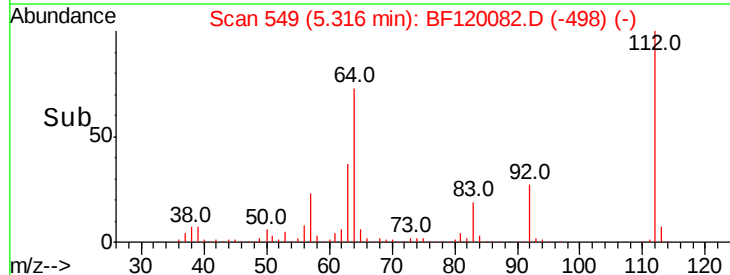
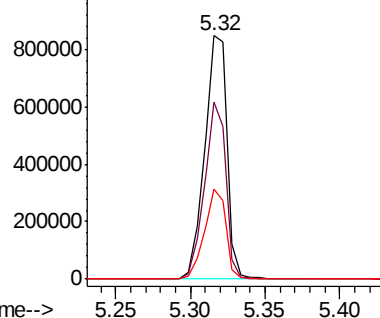
#5

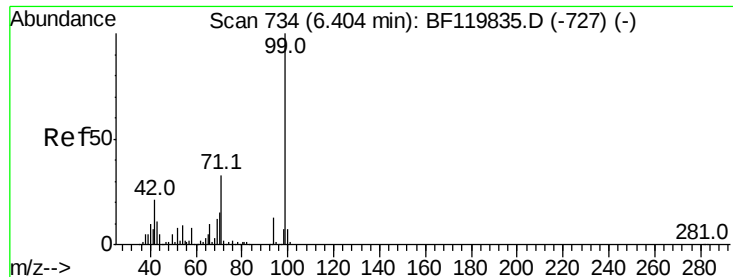
2-Fluorophenol
 Concen: 96.665 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Tgt Ion:112 Resp: 896192
 Ion Ratio Lower Upper
 112 100
 64 72.7 55.5 83.3
 63 36.8 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





#7

Phenol-d6

Concen: 100.042 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

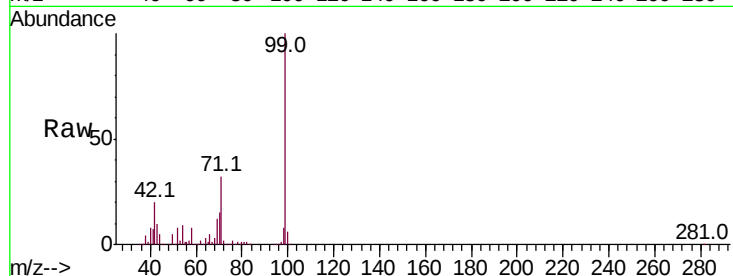
BNA_F

ClientSampled :

WB-3-1

Tot Ion: 99 Resp: 1195130

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	32.4	26.3	39.5

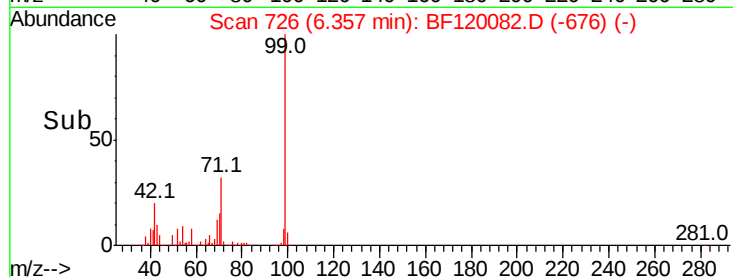


Abundance

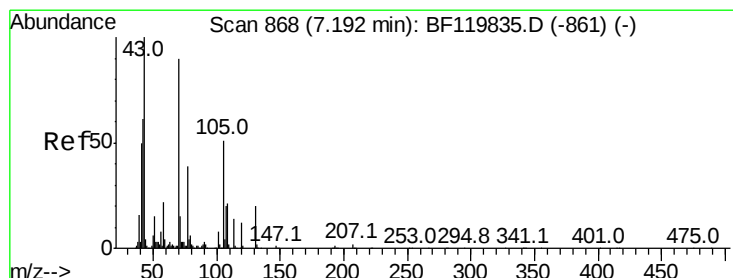
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.596 ng

RT: 7.28 min Scan# 883

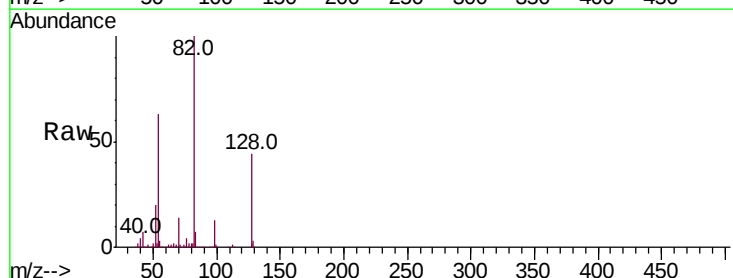
Delta R.T. 0.14 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Tgt Ion: 70 Resp: 104447

Ion	Ratio	Lower	Upper
70	100		
42	51.8	54.2	81.4#
101	0.0	7.4	11.2#
130	2.4	17.8	26.6#



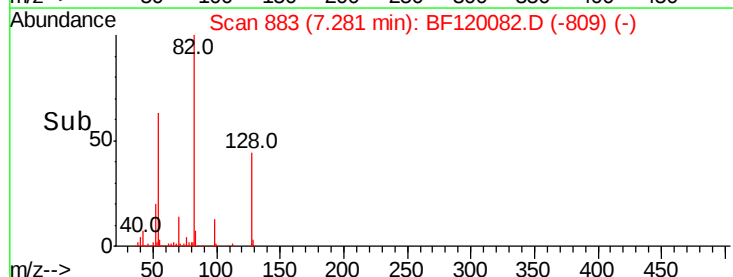
Abundance

Ion 70.00 (69.70 to 70.70): BF1

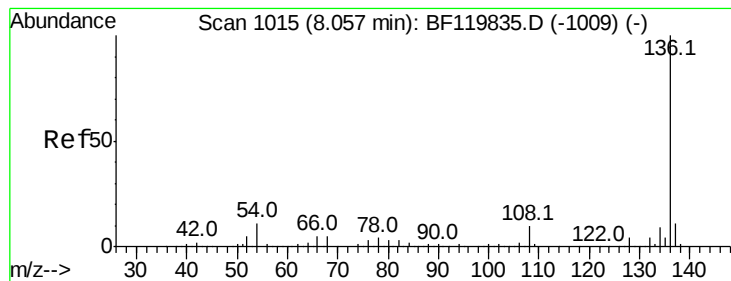
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

WB-3-1

Tot Ion:136 Resp: 610494

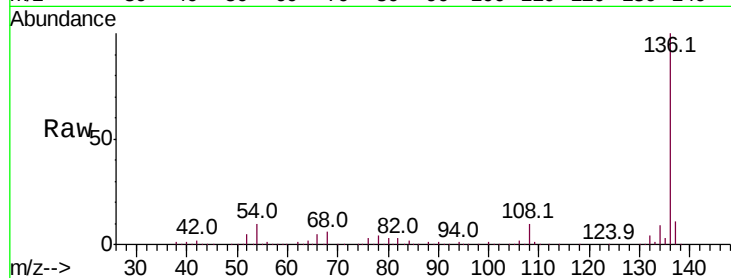
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.8 3.9 5.9

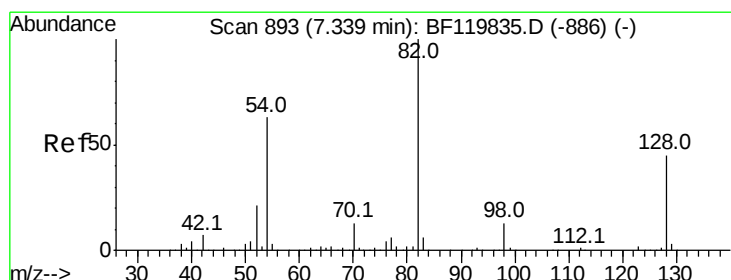
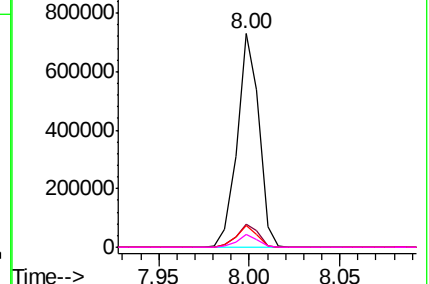
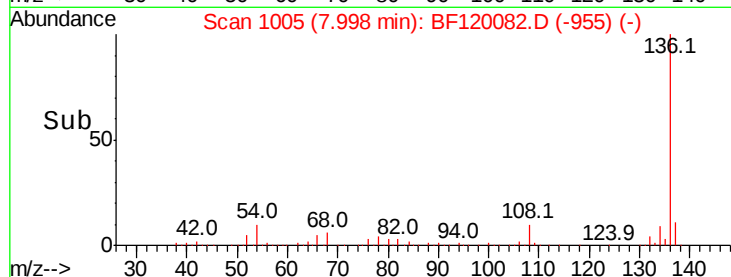


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.615 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

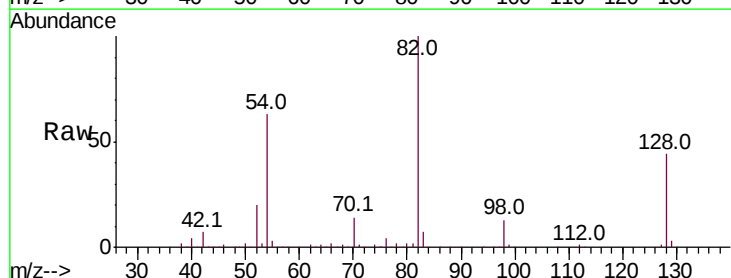
Tgt Ion: 82 Resp: 797911

Ion Ratio Lower Upper

82 100

128 44.1 36.2 54.4

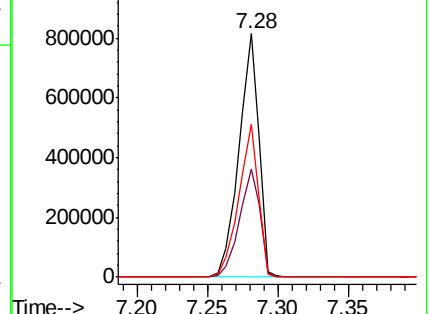
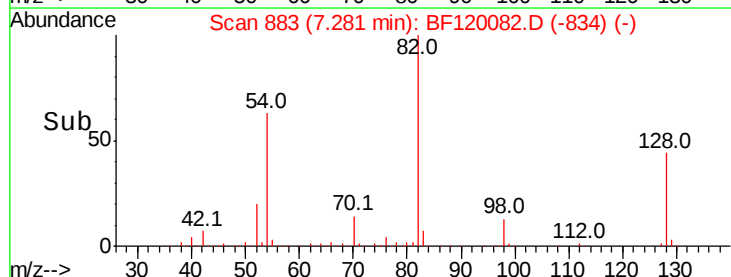
54 62.8 50.4 75.6



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: 34.723 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

WB-3-1

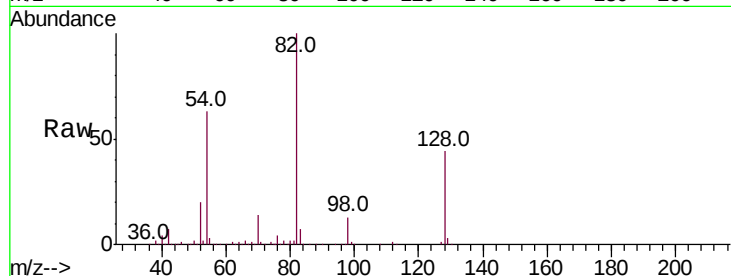
Tot Ion: 82 Resp: 789900

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

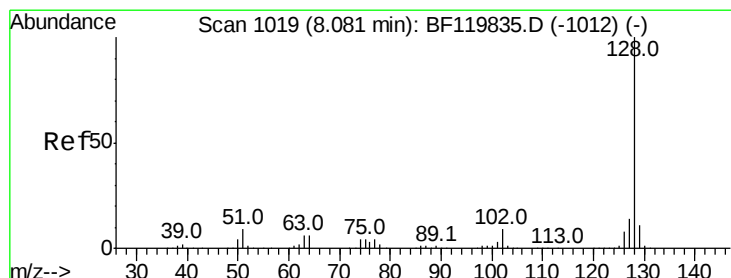
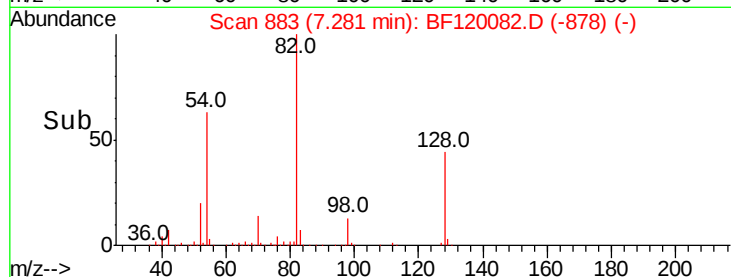
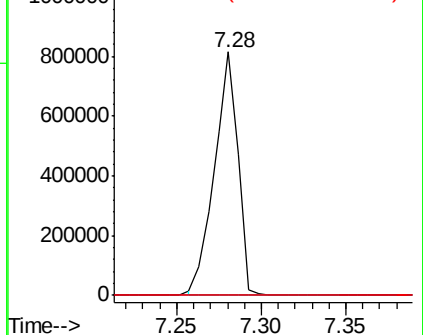
138 0.0 14.5 21.7#



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



#31

Naphthalene

Concen: 2.080 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

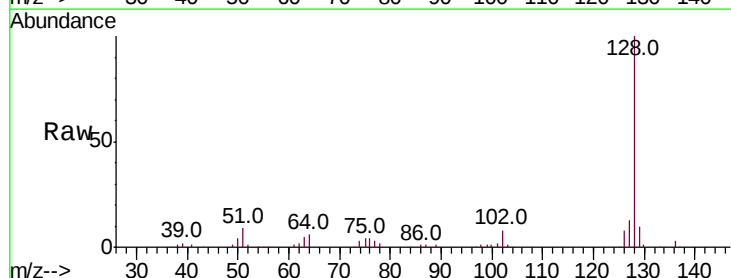
Tgt Ion:128 Resp: 66803

Ion Ratio Lower Upper

128 100

129 9.9 9.0 13.6

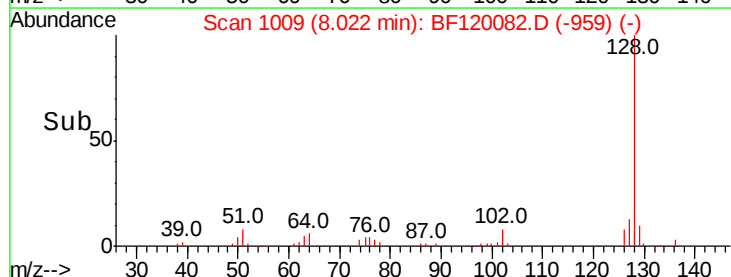
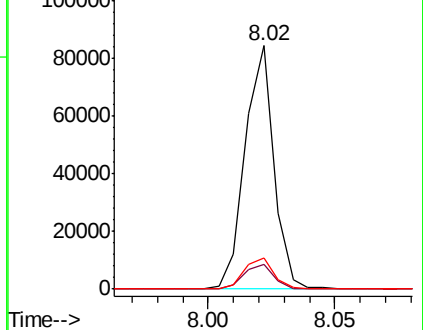
127 12.8 11.0 16.4

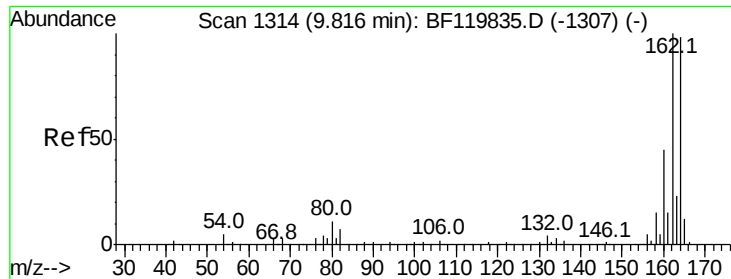


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

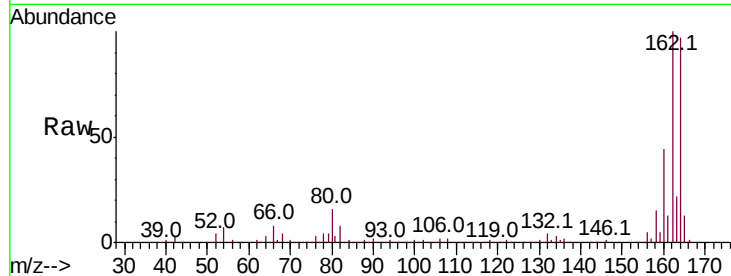




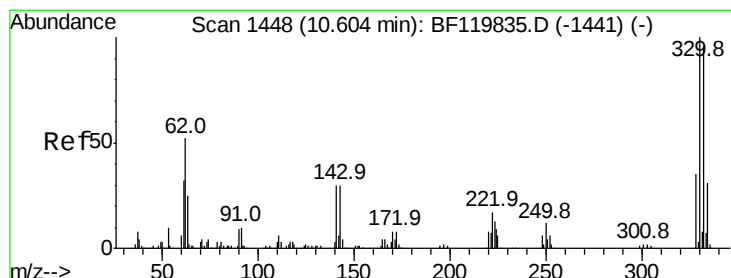
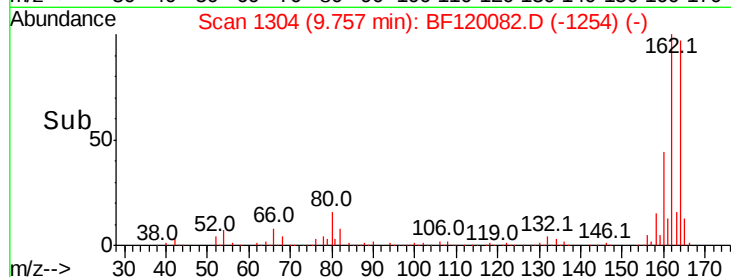
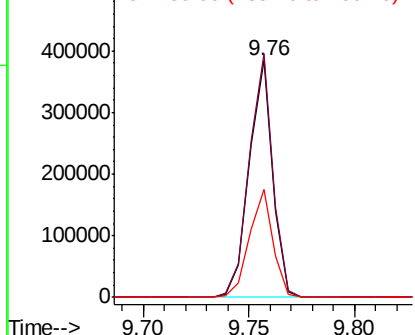
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :
WB-3-1

Tot Ion:164 Resp: 297879
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 45.6 36.6 54.8

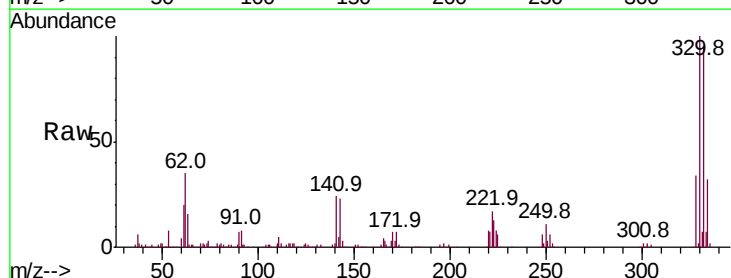


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

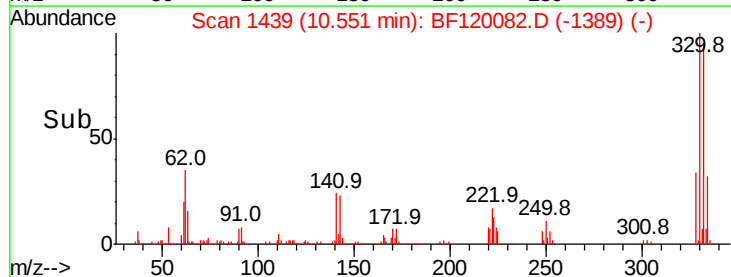
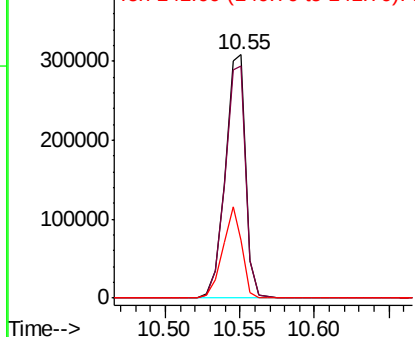


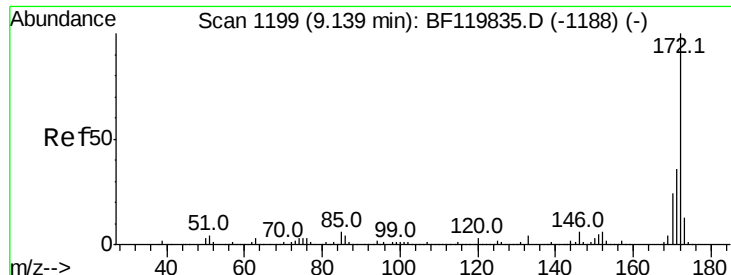
#42
2,4,6-Tribromophenol
Concen: 82.218 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion:330 Resp: 299854
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 34.9 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



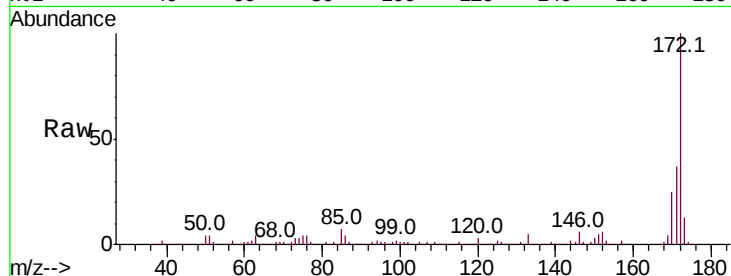


#45
 2-Fluorobiphenyl
 Concen: 71.869 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

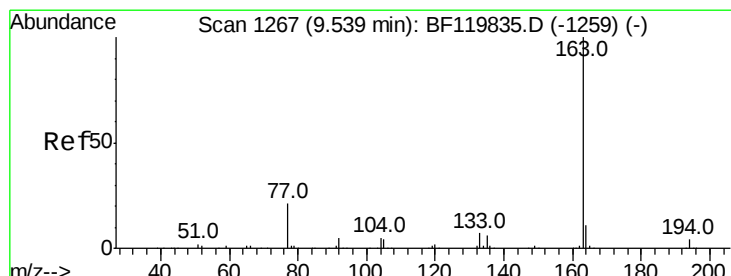
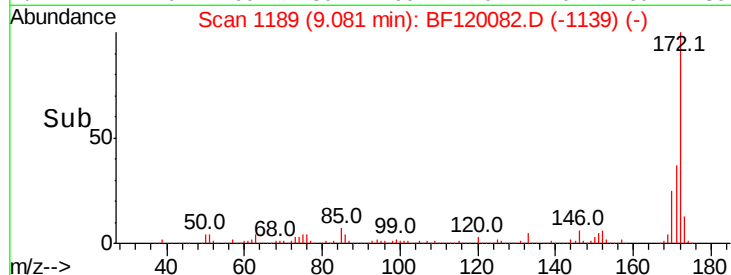
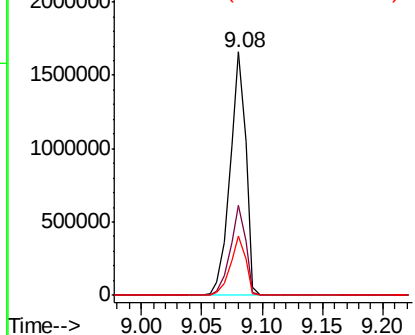
Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Tot Ion:172 Resp: 1507855

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.5	19.4	29.2



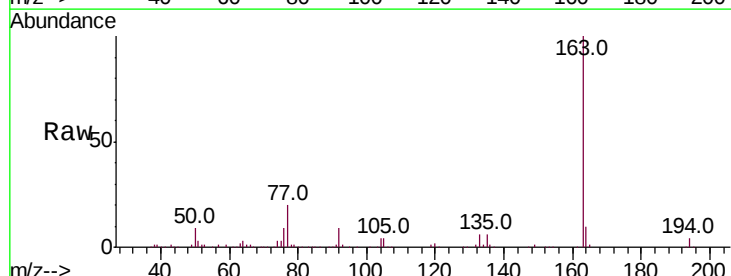
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



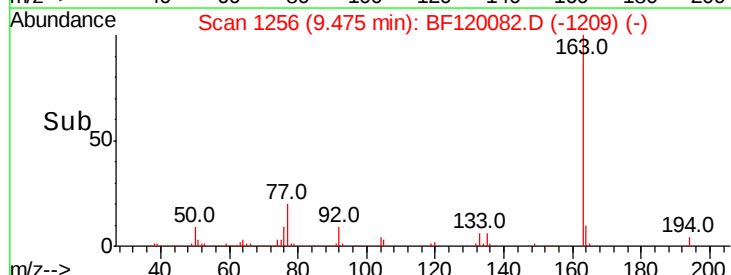
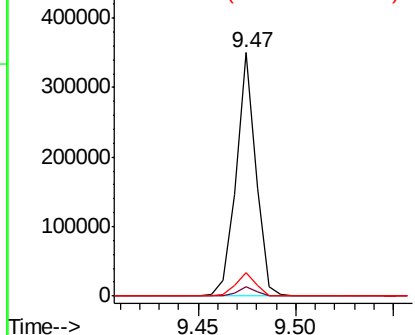
#50
 Dimethylphthalate
 Concen: 10.651 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

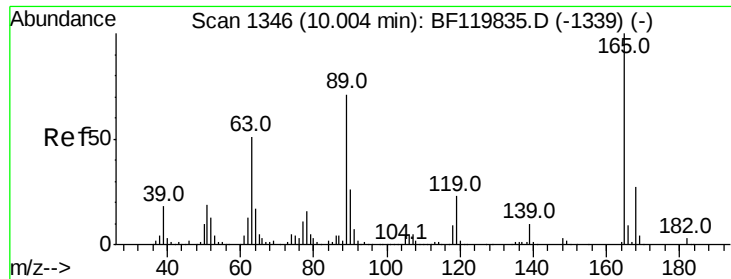
Tgt Ion:163 Resp: 245408

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.7	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

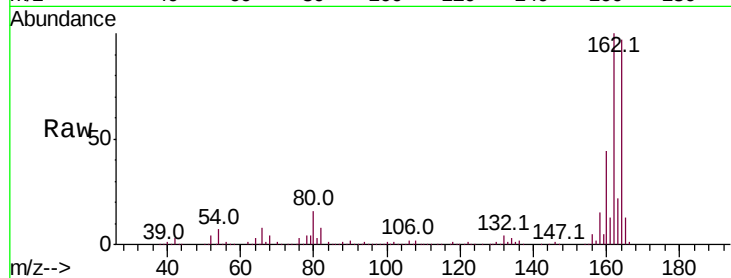




#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	0.8	56.9	85.3#
182	0.0	2.0	3.0#



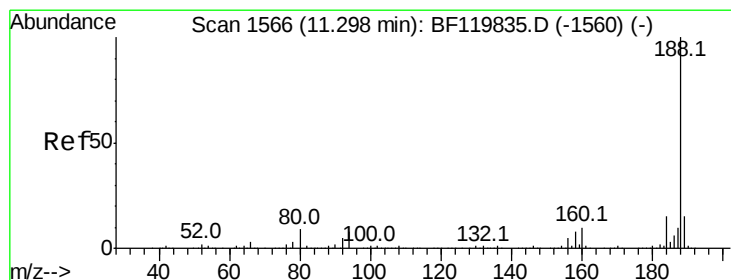
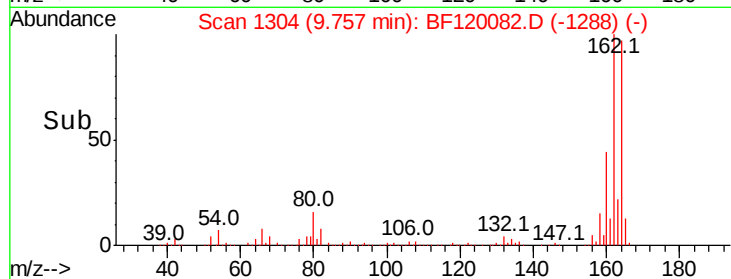
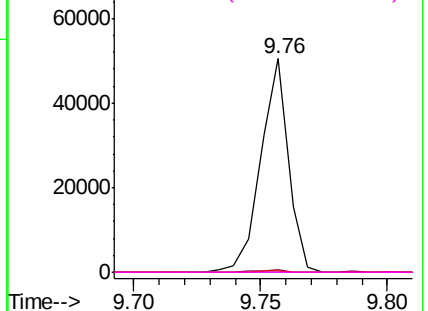
Abundance

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: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

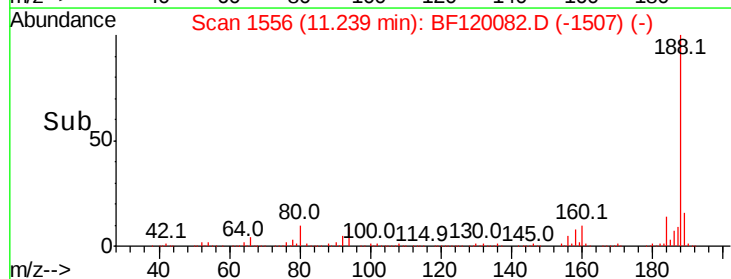
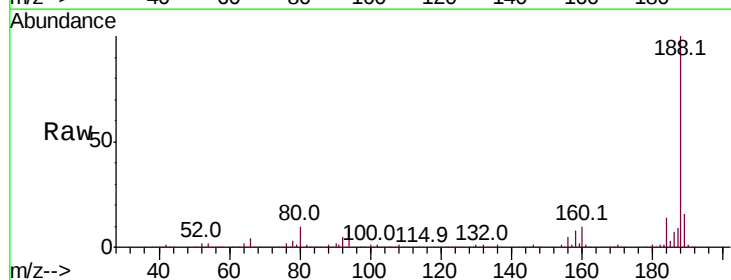
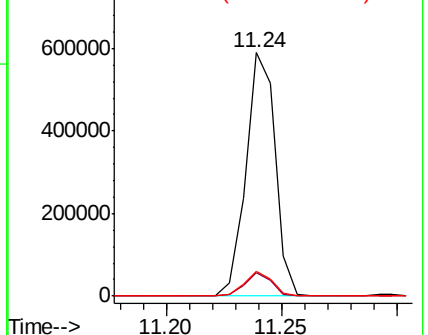
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	10.3	7.4	11.2

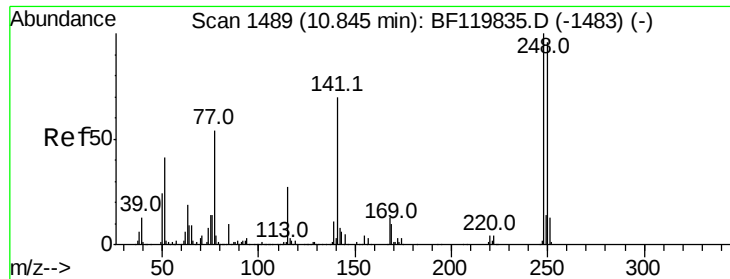
Abundance

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

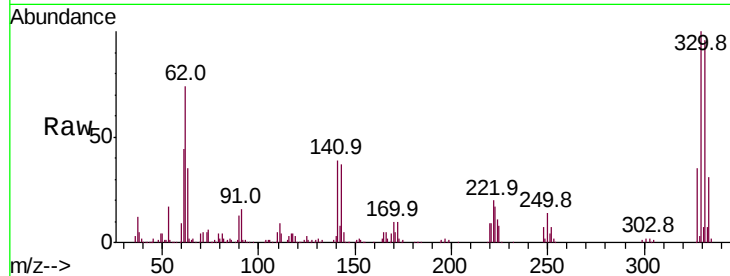




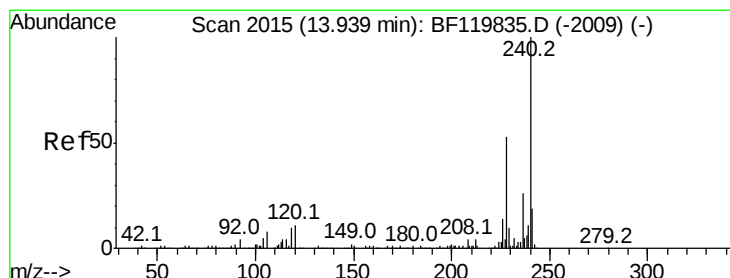
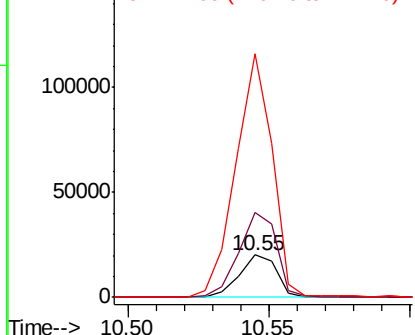
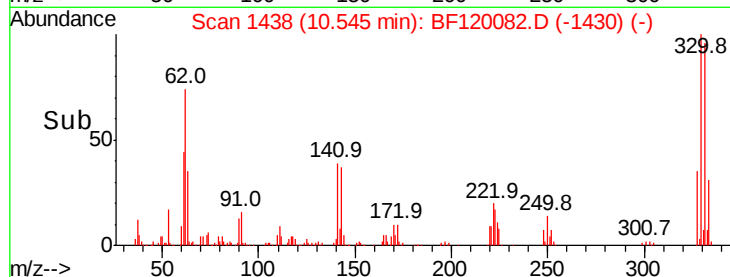
#67
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Instrument :
 BNA_F
 ClientSampleID :
 WB-3-1

Tot Ion:248 Resp: 18620
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.6 114.8#
 141 575.3 55.9 83.9#

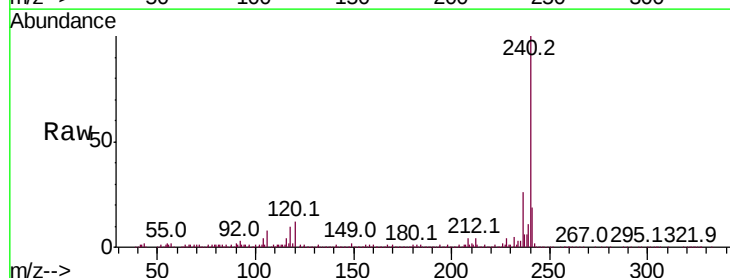


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

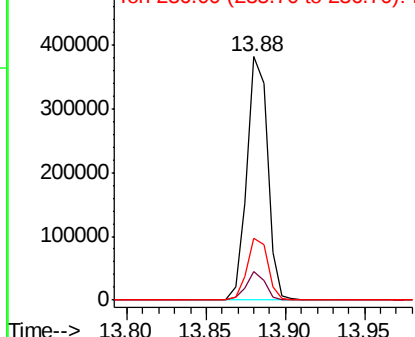
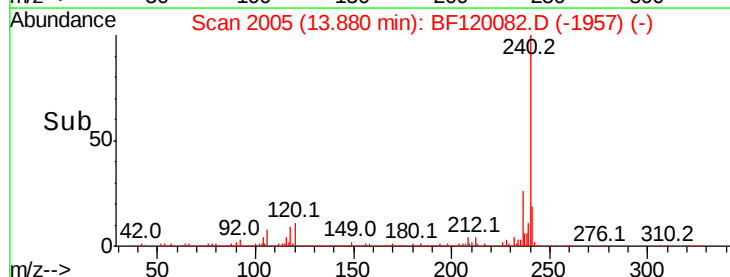


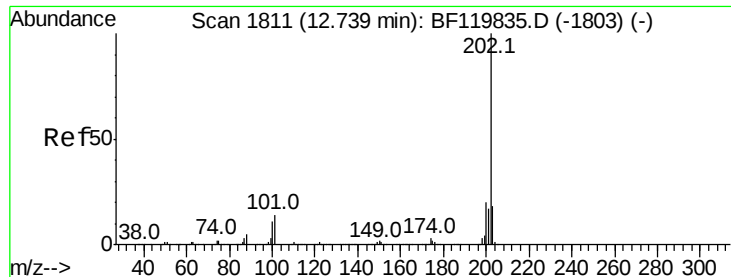
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Tgt Ion:240 Resp: 346794
 Ion Ratio Lower Upper
 240 100
 120 11.5 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





#78

Pvrene

Concen: 2.046 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

WB-3-1

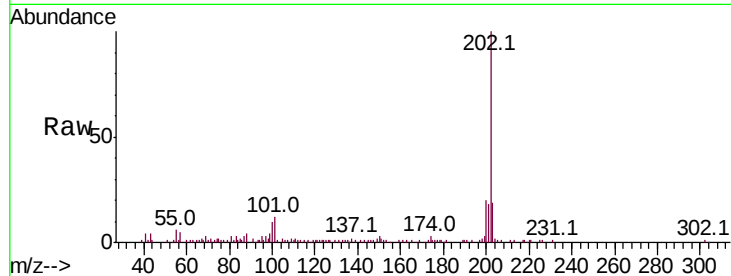
Tot Ion:202 Resp: 59826

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

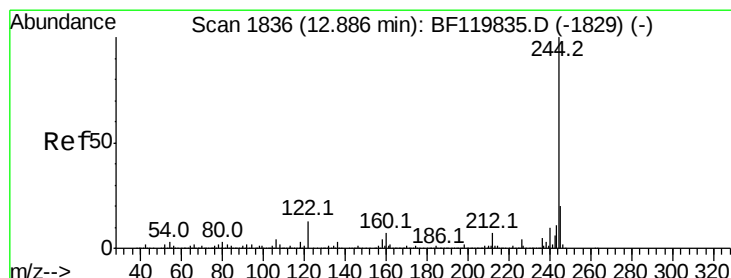
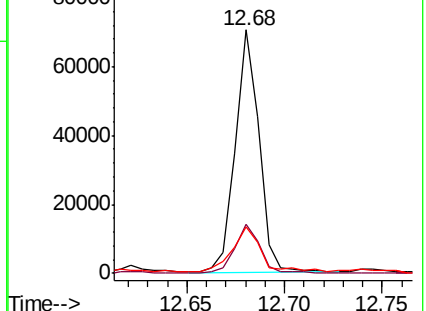
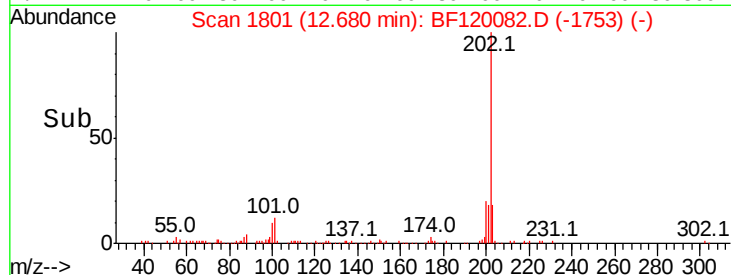
203 19.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.024 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

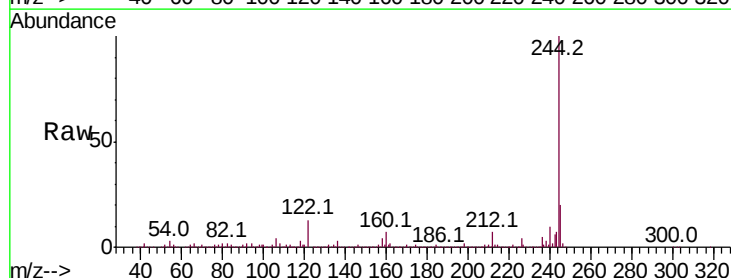
Tgt Ion:244 Resp: 1443191

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

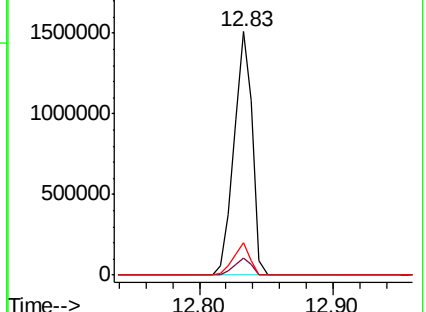
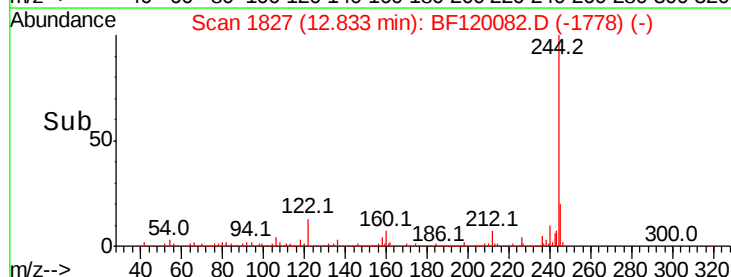
122 13.5 10.3 15.5

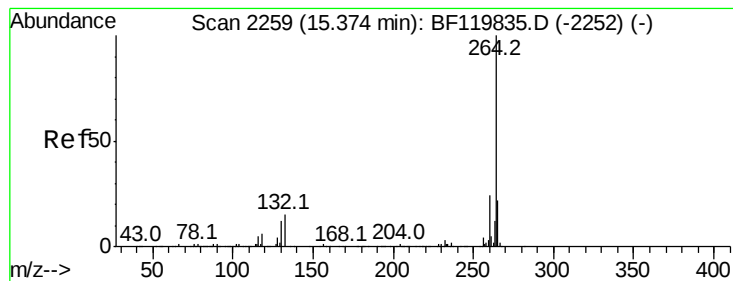


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

WB-3-1

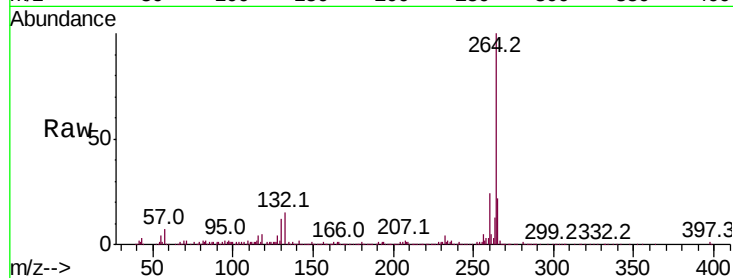
Tot Ion:264 Resp: 319327

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

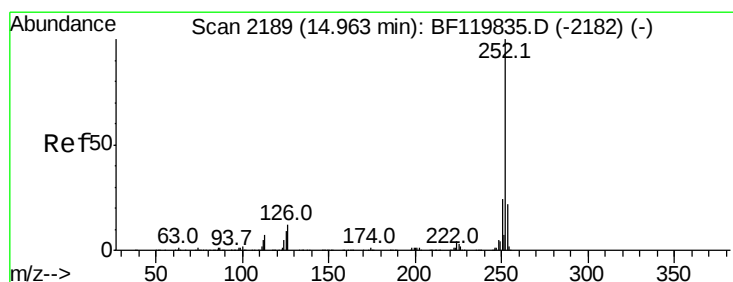
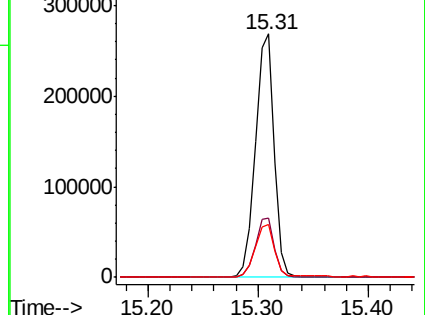
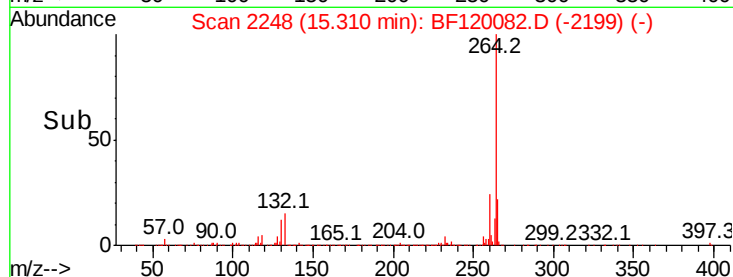
265 21.8 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 2.862 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

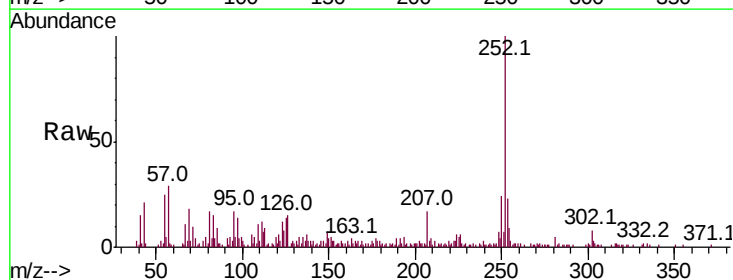
Tgt Ion:252 Resp: 65749

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

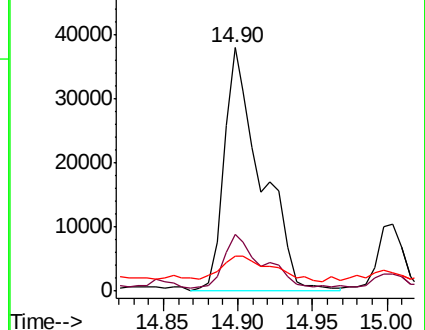
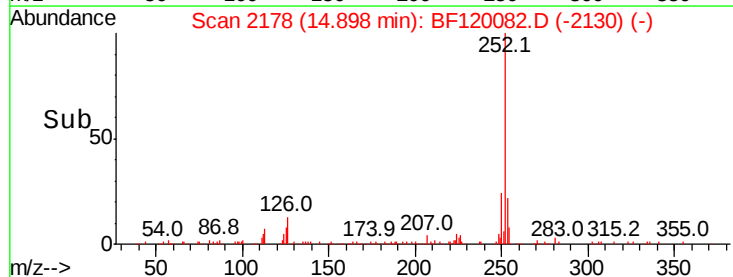
125 14.3 7.4 11.2#

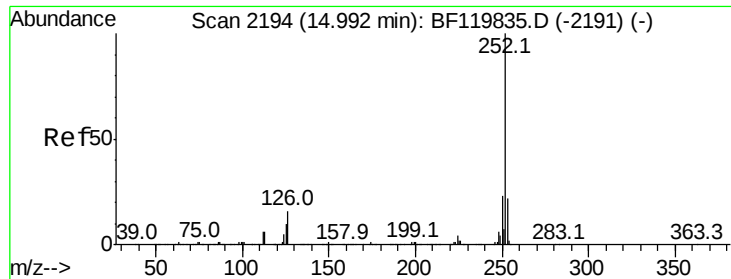


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.317 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampleId :

WB-3-1

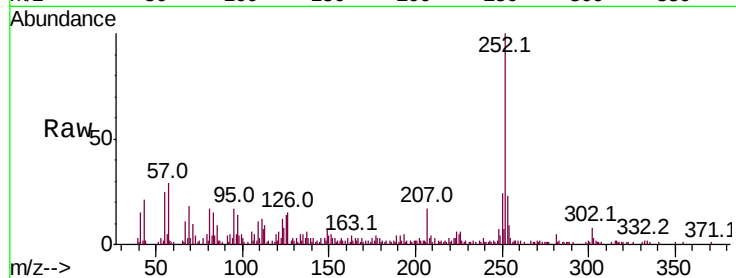
Tot Ion:252 Resp: 65749

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 14.3 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

