

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120060.D
 Acq On : 17 Apr 2020 15:41
 Operator : MA/SJ
 Sample : L2271-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-8

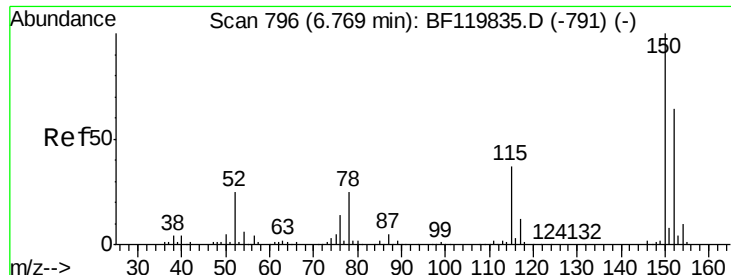
Quant Time: Apr 18 01:25:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179828	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	654302	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	301794	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	467551	20.00	ng	0.00
76) Chrysene-d12	13.89	240	288034	20.00	ng	-0.01
87) Perylene-d12	15.32	264	279074	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1386919	133.29	ng	0.00
7) Phenol-d6	6.37	99	1781632	132.88	ng	0.00
23) Nitrobenzene-d5	7.30	82	1105244	87.39	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	361048	97.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1968183	92.59	ng	0.00
79) Terphenyl-d14	12.84	244	1494577	87.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.27	77	2567	Below Cal		# 82
15) Benzyl Alcohol	6.89	79	21751	2.089	ng	# 46
19) n-Nitroso-di-n-propylamine	7.30	70	144642	16.776	ng	# 74
25) Isophorone	7.30	82	1094594	44.896	ng	# 65
50) Dimethylphthalate	9.49	163	280682	12.024	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	38922	5.779	ng	# 23
67) 4-Bromophenyl-phenylether	10.56	248	23225	3.994	ng	# 1

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

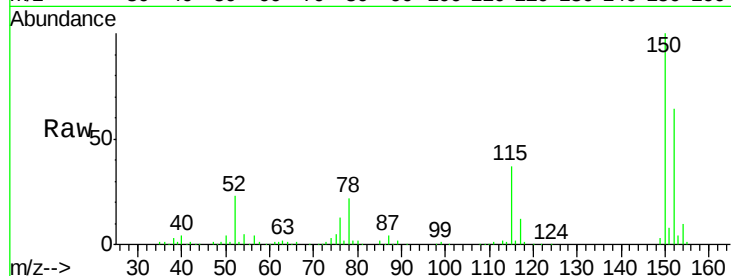


#1

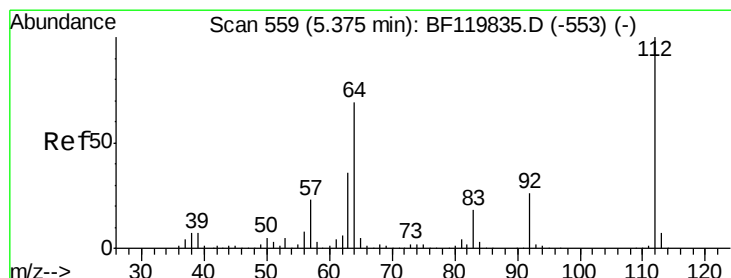
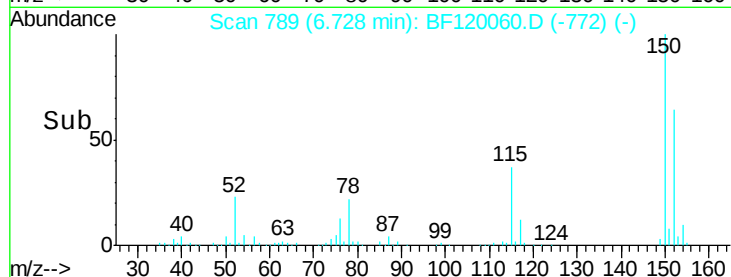
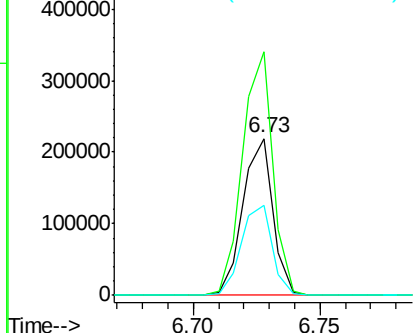
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF120060.D
 Acq: 17 Apr 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 BG-8

Tot Ion:152 Resp: 179828
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.8 187.2
 115 57.3 46.5 69.7



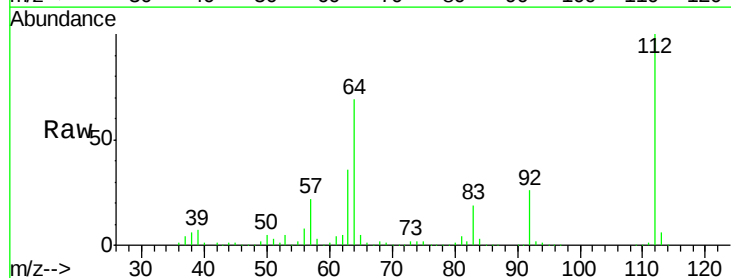
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



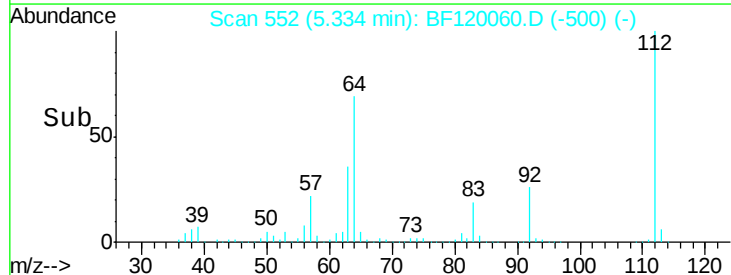
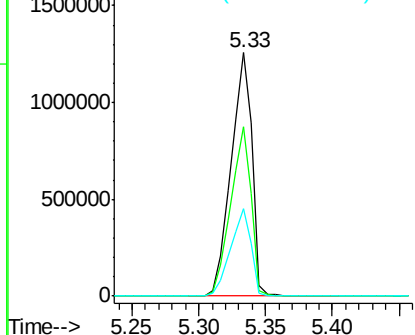
#5

2-Fluorophenol
 Concen: 133.286 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120060.D
 Acq: 17 Apr 2020 15:41

Tgt Ion:112 Resp: 1386919
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.5 83.3
 63 36.0 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: 132.877 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

Instrument :

BNA_F

ClientSampleId :

BG-8

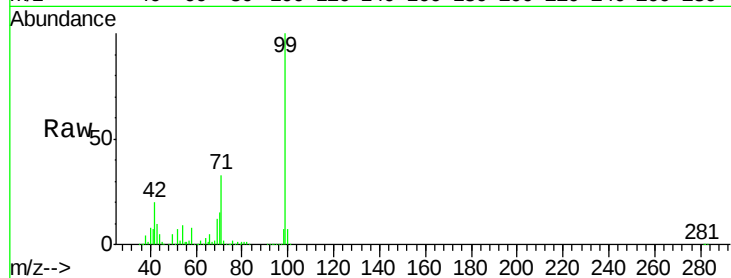
Tot Ion: 99 Resp: 1781632

Ion Ratio Lower Upper

99 100

42 20.1 16.9 25.3

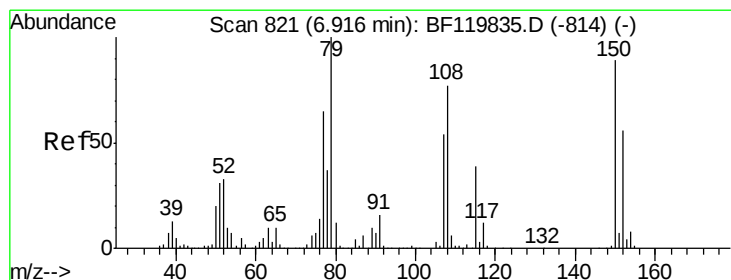
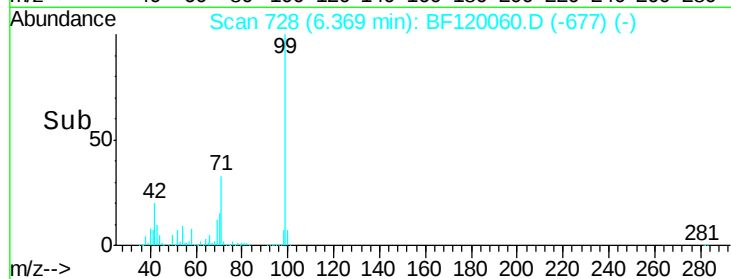
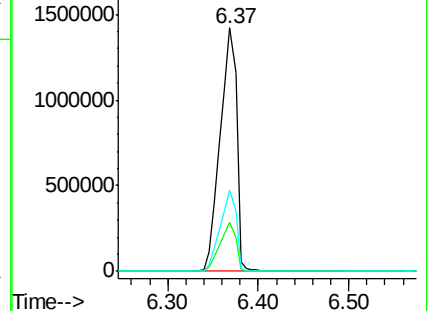
71 33.2 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.089 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

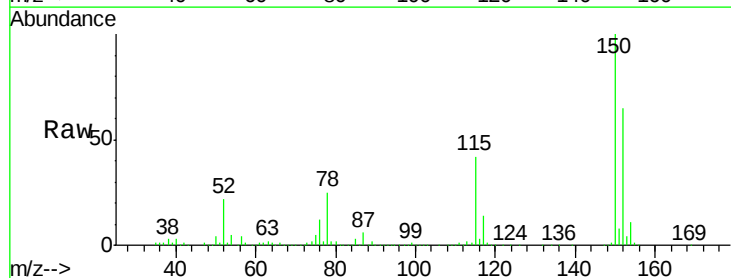
Tgt Ion: 79 Resp: 21751

Ion Ratio Lower Upper

79 100

108 30.1 62.0 93.0#

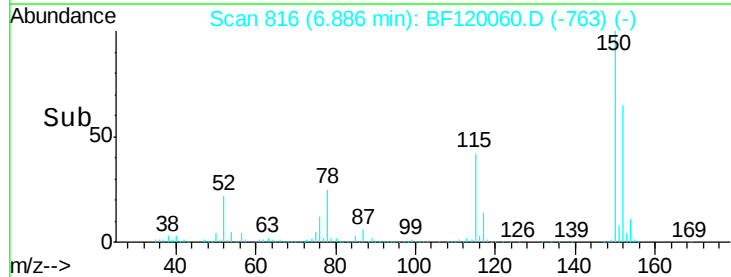
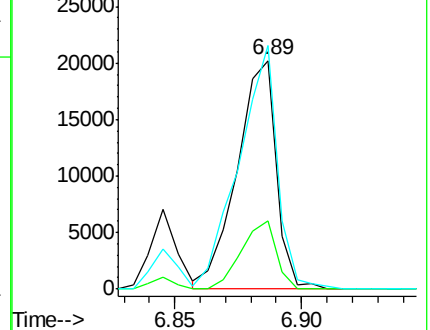
77 106.6 51.8 77.6#

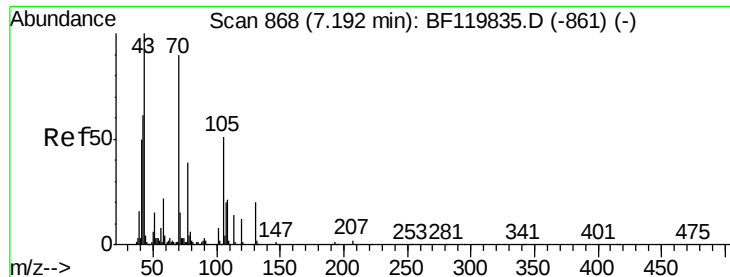


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

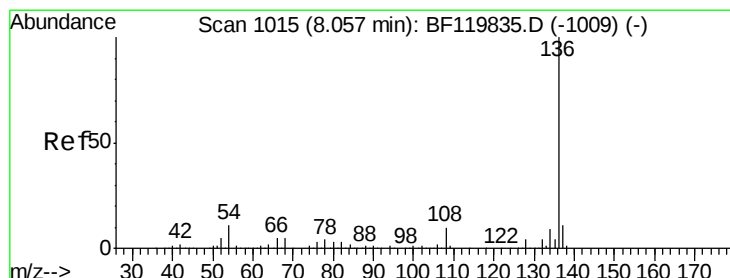
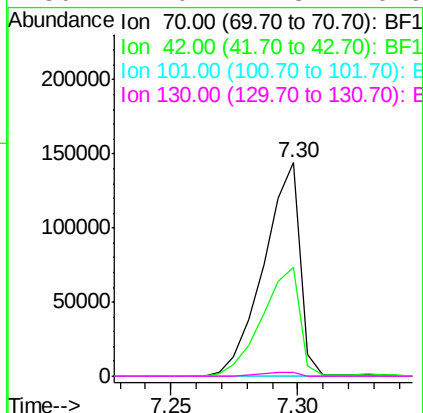
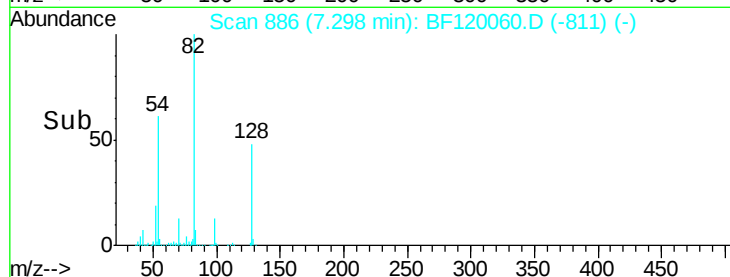
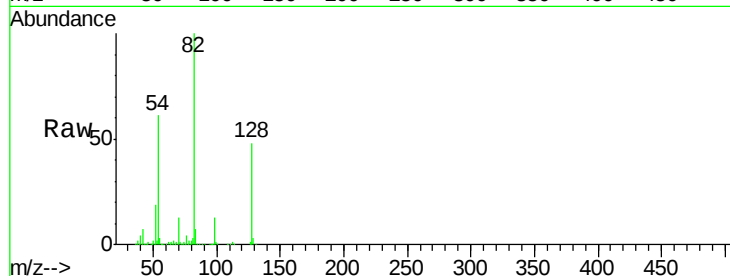




#19
n-Nitroso-di-n-propylamine
Concen: 16.776 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

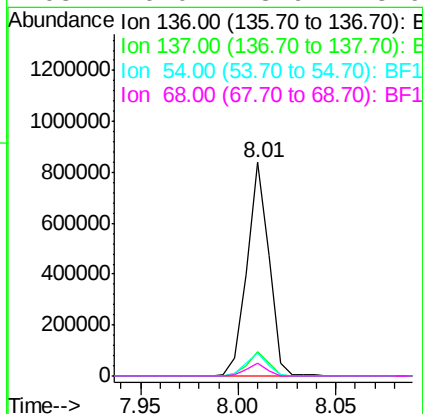
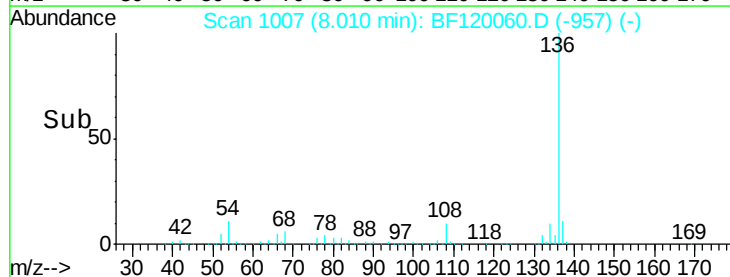
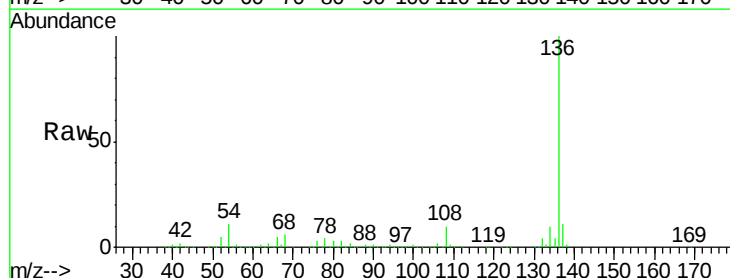
Instrument :
BNA_F
ClientSampleId :
BG-8

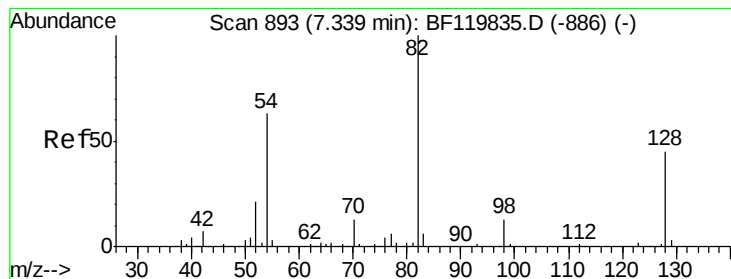
Tot Ion: 70 Resp: 144642
Ion Ratio Lower Upper
70 100
42 50.8 54.2 81.4#
101 0.0 7.4 11.2#
130 2.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

Tgt Ion: 136 Resp: 654302
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.6 8.5 12.7
68 6.0 3.9 5.9#





#23

Nitrobenzene-d5

Concen: 87.388 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

Instrument :

BNA_F

ClientSampled :

BG-8

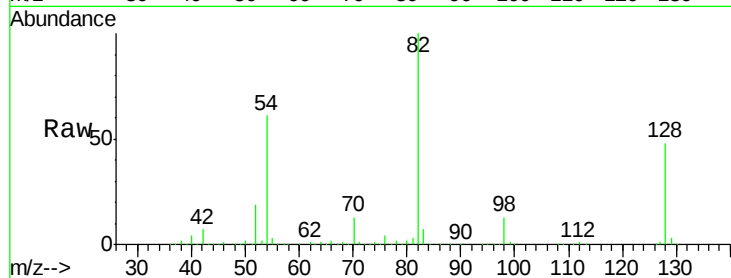
Tot Ion: 82 Resp: 1105244

Ion Ratio Lower Upper

82 100

128 48.1 36.2 54.4

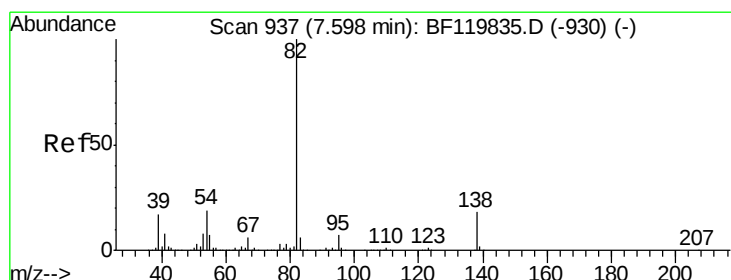
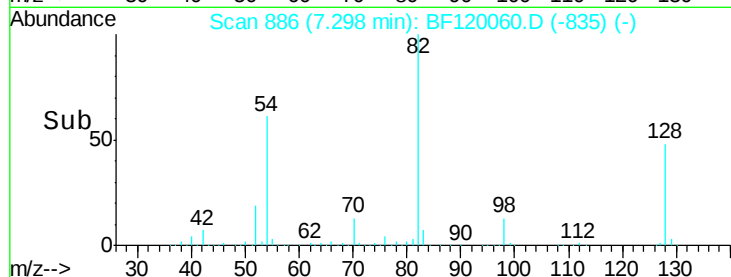
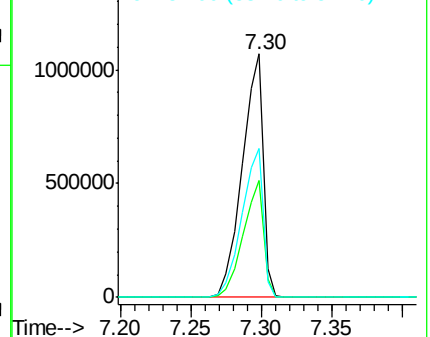
54 61.0 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 44.896 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

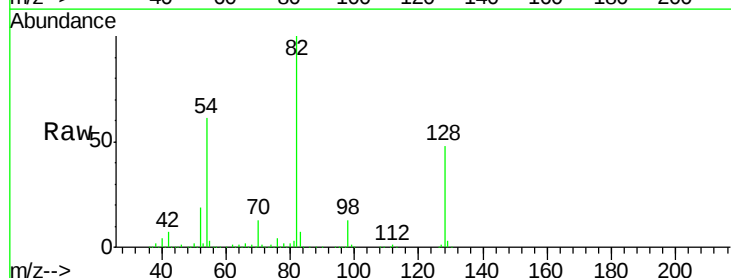
Tgt Ion: 82 Resp: 1094594

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

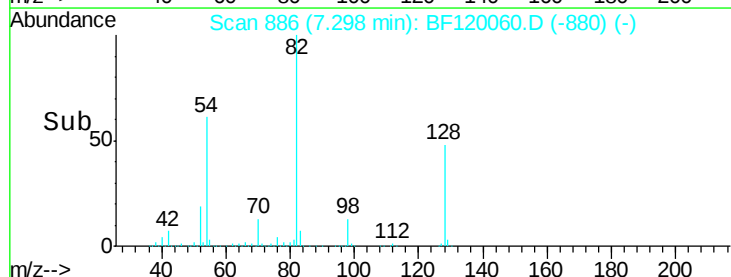
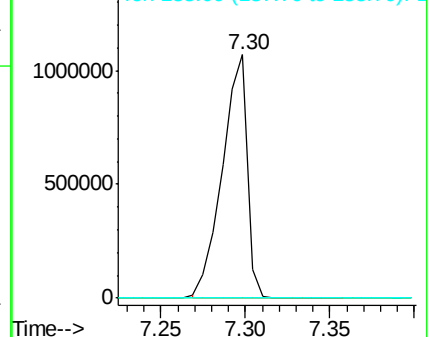
138 0.0 14.5 21.7#

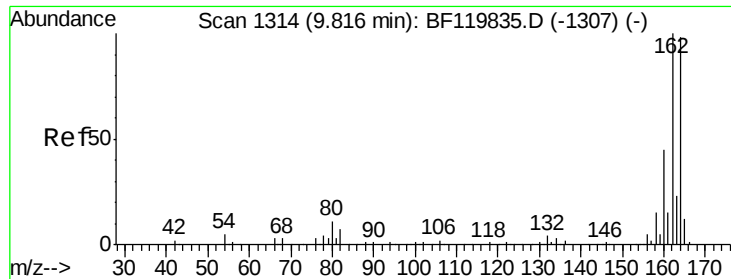


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

Instrument :

BNA_F

ClientSampled :

BG-8

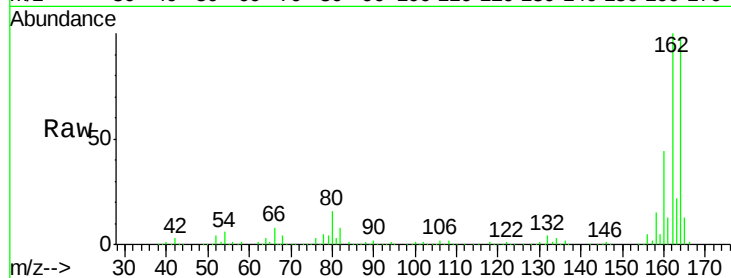
Tot Ion:164 Resp: 301794

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

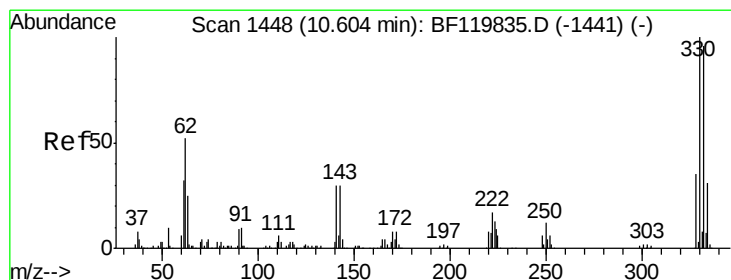
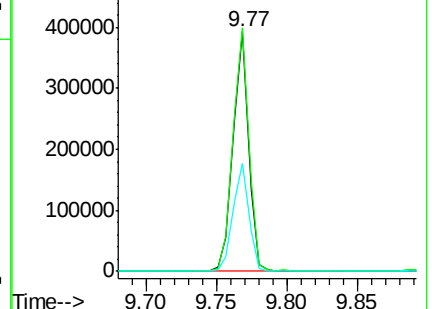
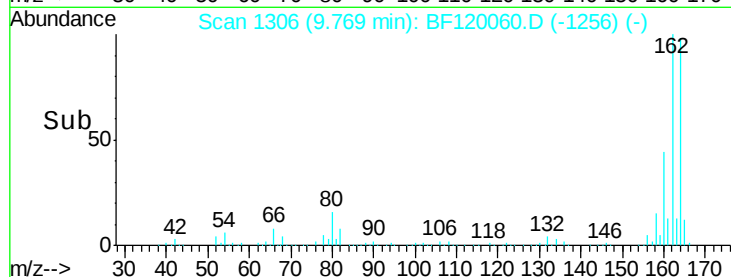
160 44.9 36.6 54.8



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: 97.713 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

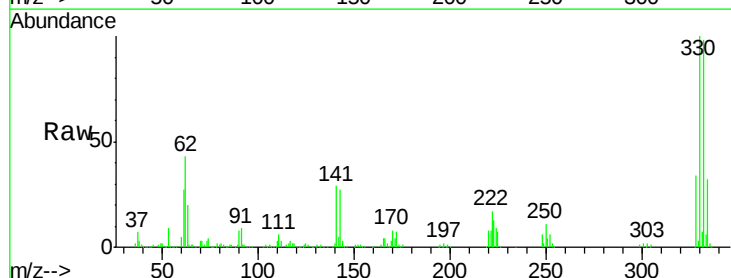
Tgt Ion:330 Resp: 361048

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

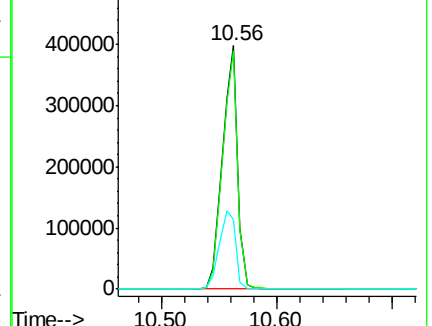
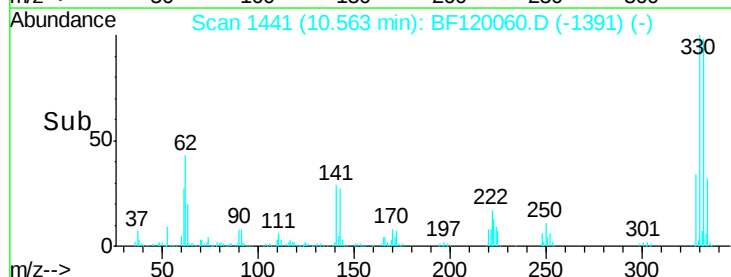
141 35.2 25.1 37.7

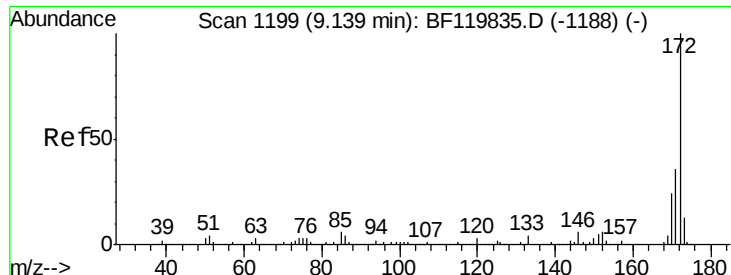


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

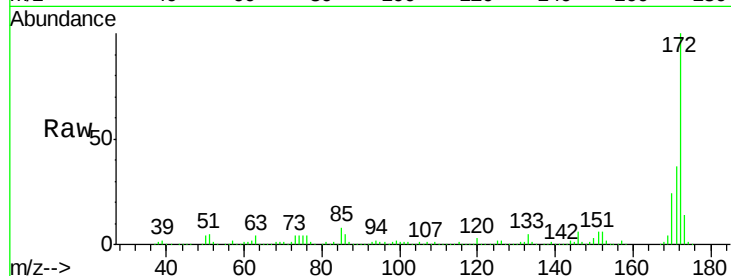




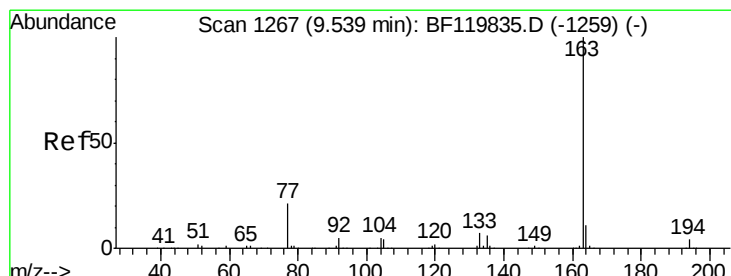
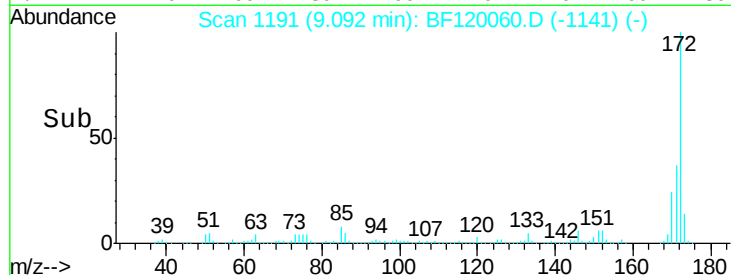
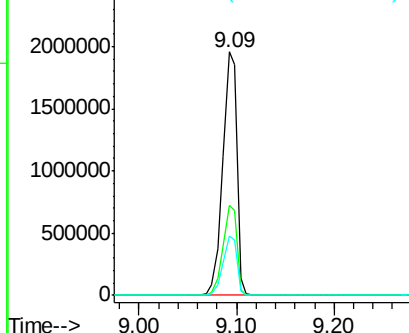
#45
2-Fluorobiphenyl
Concen: 92.593 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

Instrument :
BNA_F
ClientSampled :
BG-8

Tot Ion:172 Resp: 1968183
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 24.4 19.4 29.2

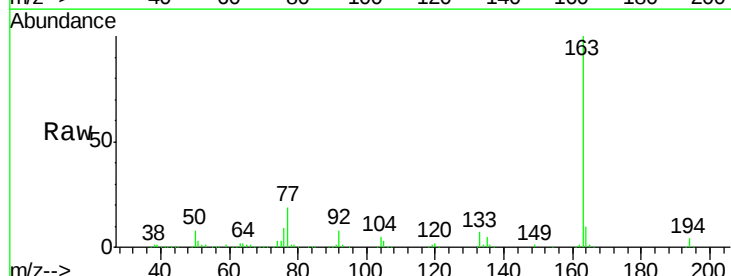


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

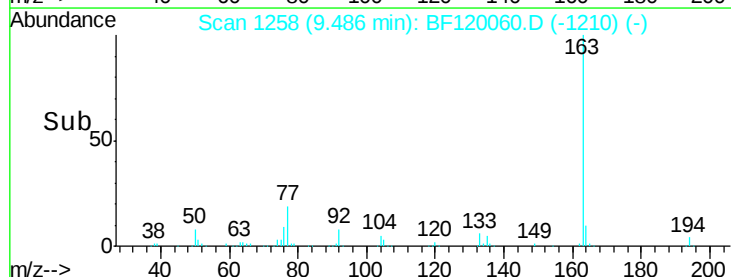
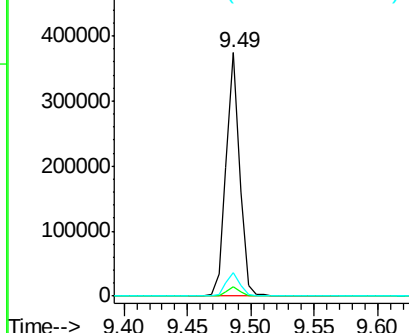


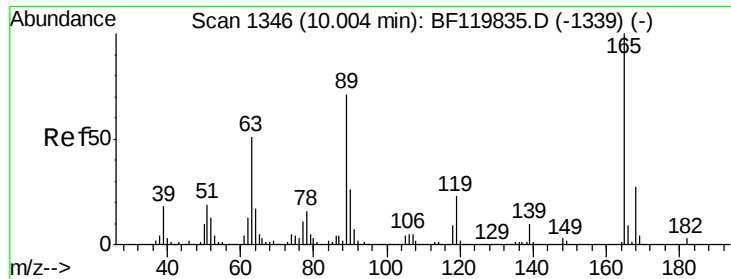
#50
Dimethylphthalate
Concen: 12.024 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

Tgt Ion:163 Resp: 280682
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.8 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

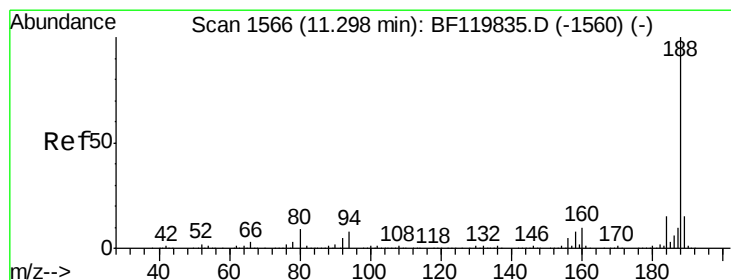
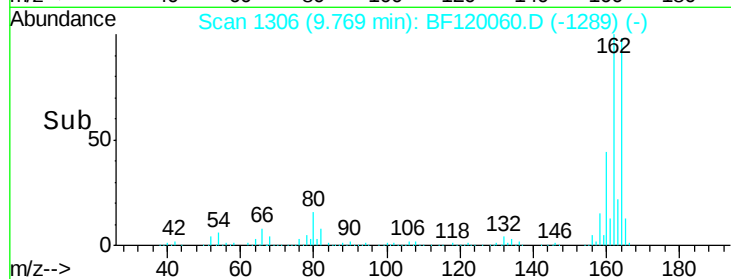
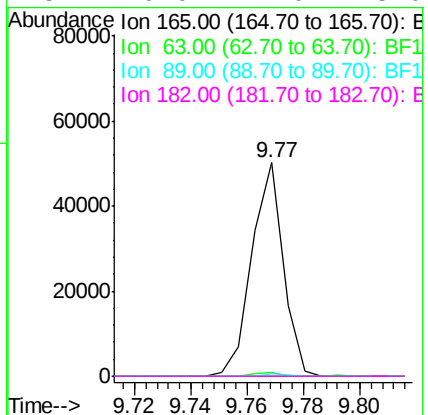
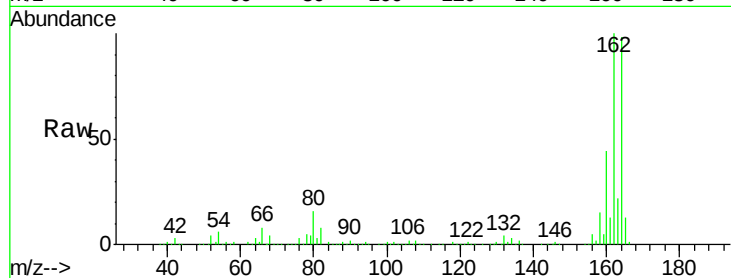




#57
 2,4-Dinitrotoluene
 Concen: 5.779 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.20 min
 Lab File: BF120060.D
 Acq: 17 Apr 2020 15:41

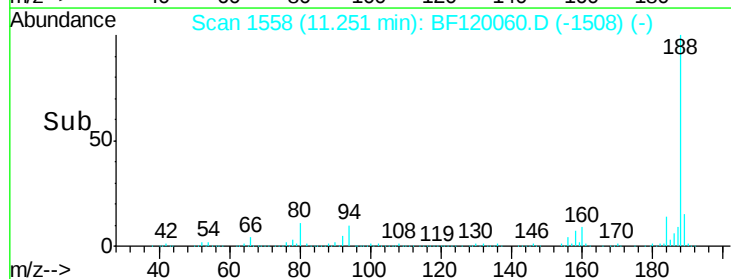
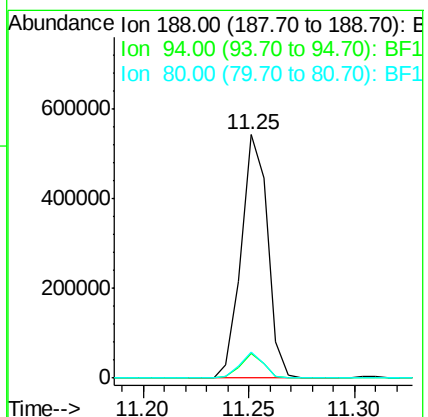
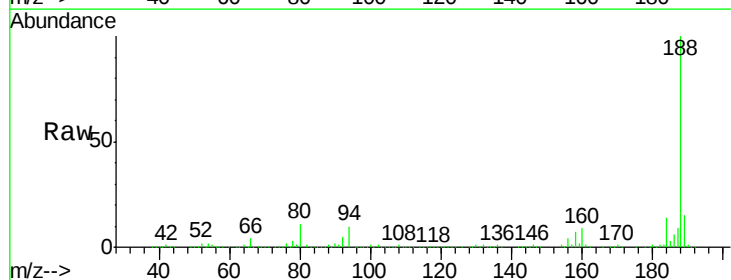
Instrument :
 BNA_F
 ClientSampleId :
 BG-8

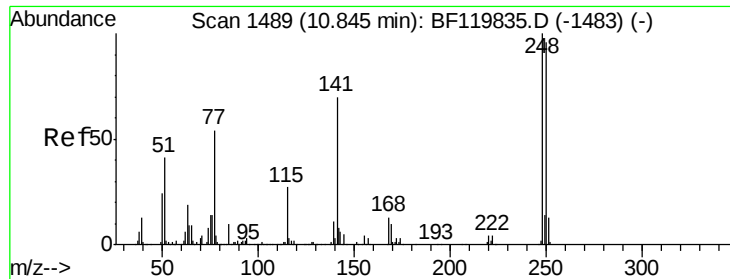
Tot Ion:165	Resp:	38922
Ion Ratio	Lower	Upper
165	100	
63	2.1	40.8 61.2#
89	1.1	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120060.D
 Acq: 17 Apr 2020 15:41

Tgt Ion:188	Resp:	467551
Ion Ratio	Lower	Upper
188	100	
94	10.1	6.7 10.1
80	10.5	7.4 11.2

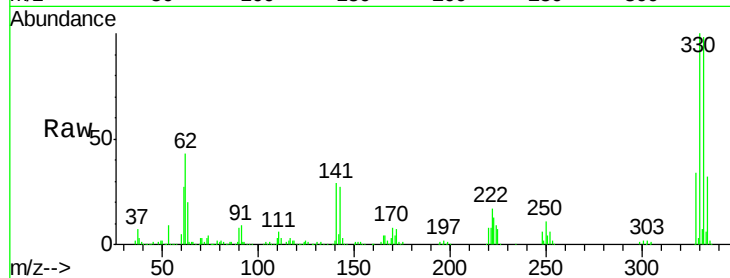




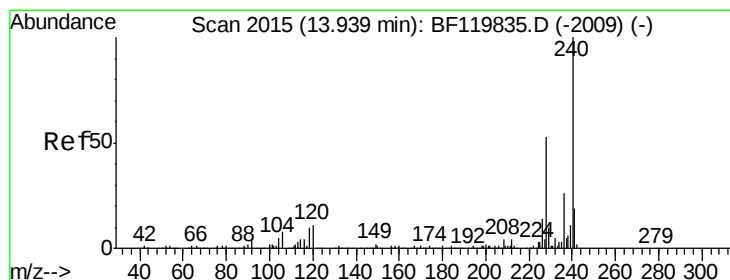
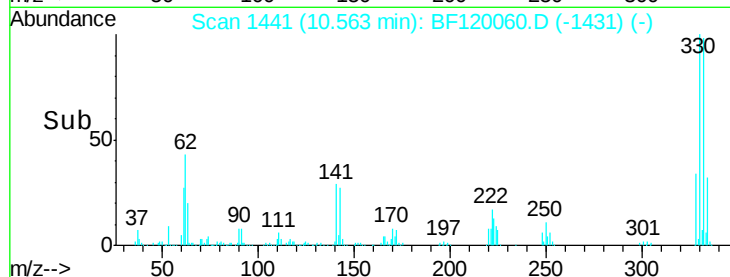
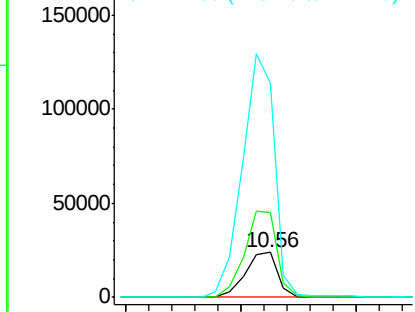
#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
BG-8

Tot Ion:248 Resp: 23225
Ion Ratio Lower Upper
248 100
250 189.1 76.6 114.8#
141 479.0 55.9 83.9#

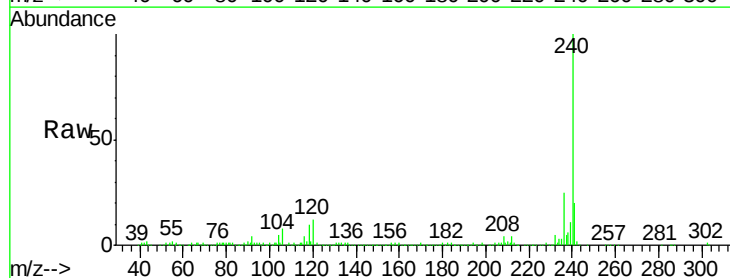


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

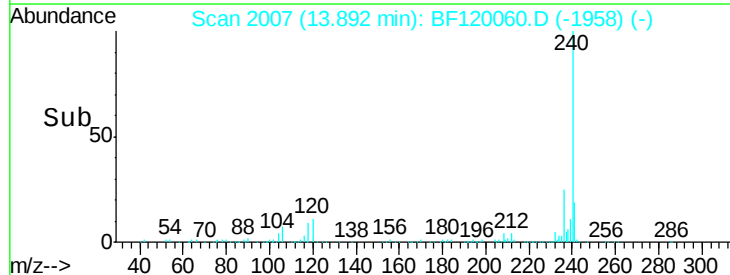
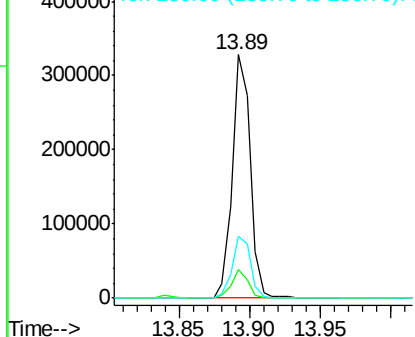


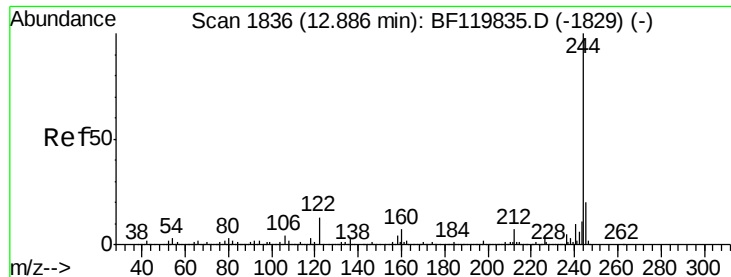
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF120060.D
Acq: 17 Apr 2020 15:41

Tgt Ion:240 Resp: 288034
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.4 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





#79

Terphenyl-d14

Concen: 87.311 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

Instrument :

BNA_F

ClientSampleId :

BG-8

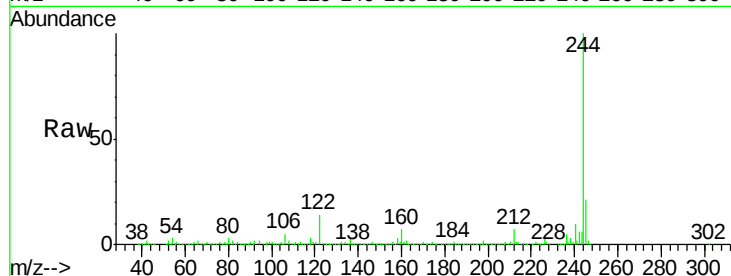
Tot Ion:244 Resp: 1494577

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

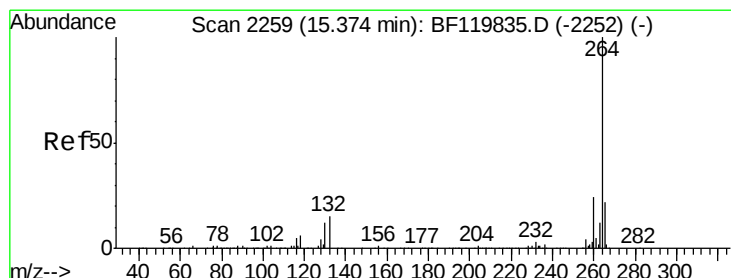
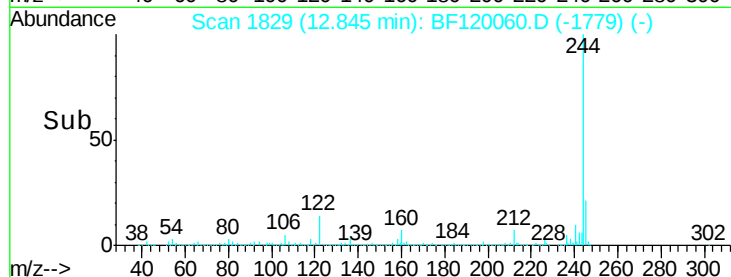
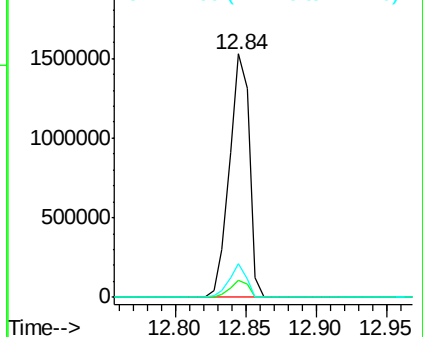
122 13.8 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF120060.D

Acq: 17 Apr 2020 15:41

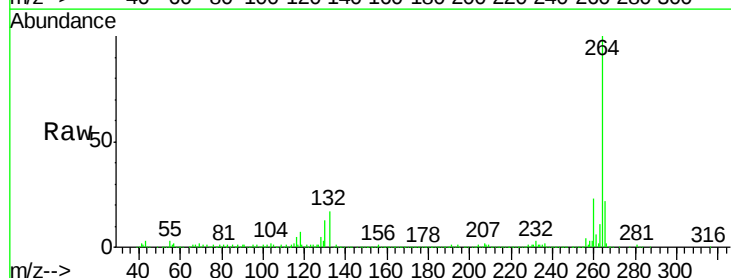
Tgt Ion:264 Resp: 279074

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 21.7 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

