

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
 Data File : BF120359.D
 Acq On : 19 May 2020 13:07
 Operator : MA/SJ
 Sample : PB128986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BL

Quant Time: May 19 13:54:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

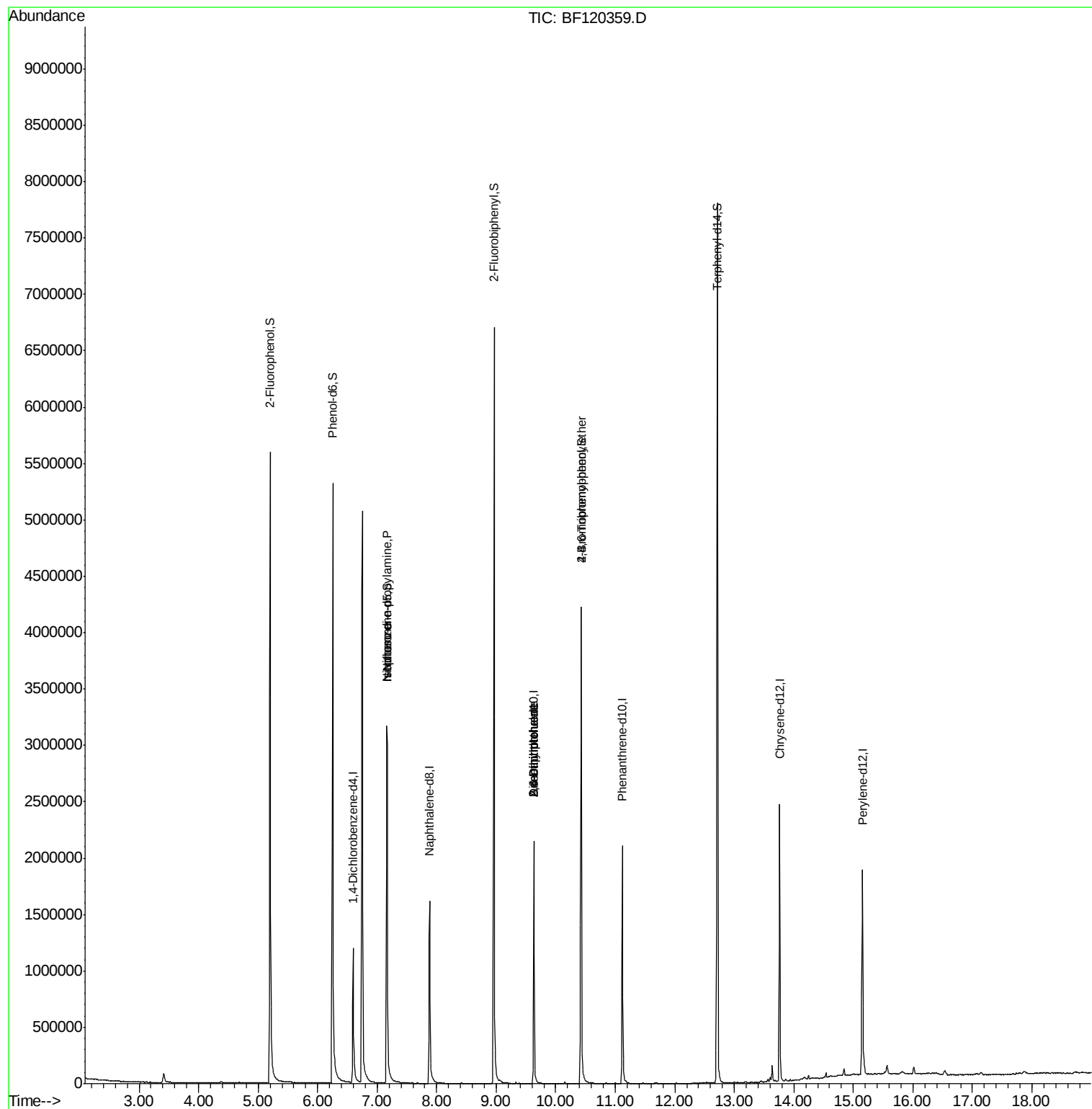
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	255387	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	946003	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	501053	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	992786	20.00	ng	-0.01
76) Chrysene-d12	13.76	240	967893	20.00	ng	-0.02
87) Perylene-d12	15.15	264	828449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1799332	137.08	ng	0.00
7) Phenol-d6	6.25	99	2460125	148.21	ng	0.00
23) Nitrobenzene-d5	7.16	82	1378811	99.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.43	330	611172	149.60	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2540304	104.16	ng	0.00
79) Terphenyl-d14	12.72	244	3500606	79.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	173359	15.942	ng	# 83
25) Isophorone	7.16	82	1346719	46.844	ng	# 65
50) Dimethylphthalate	9.63	163	105791	3.340	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	63389	8.967	ng	# 23
57) 2,4-Dinitrotoluene	9.63	165	63390	7.644	ng	# 16
67) 4-Bromophenyl-phenylether	10.43	248	36791	3.819	ng	# 1

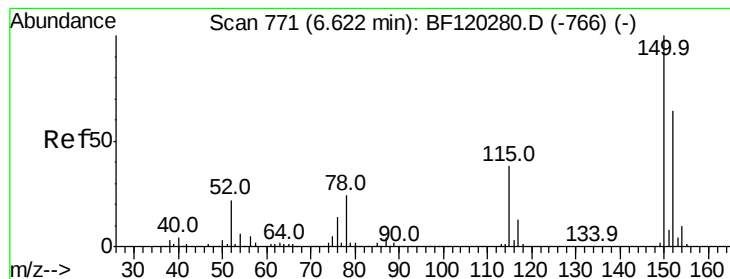
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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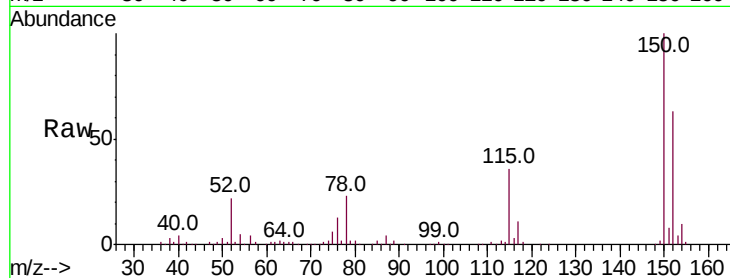


#1

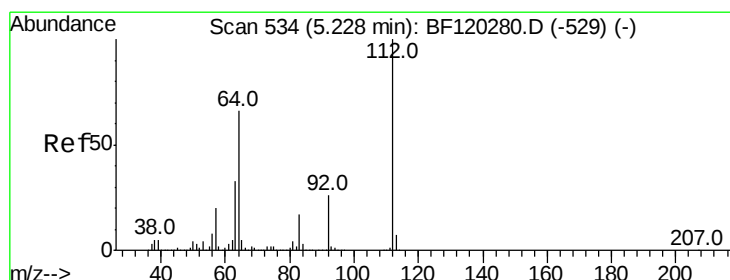
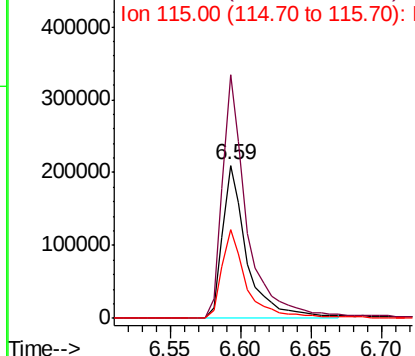
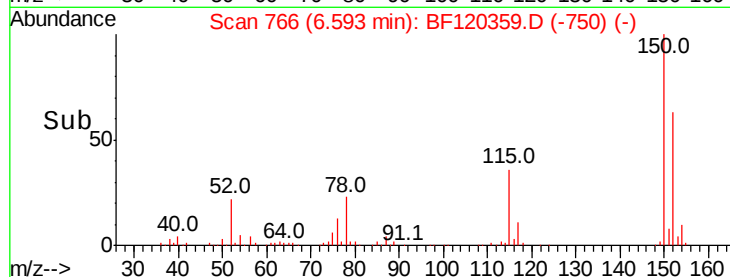
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF120359.D
Acq: 19 May 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB128986BL

Tot Ion:152 Resp: 255387
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 57.6 47.9 71.9



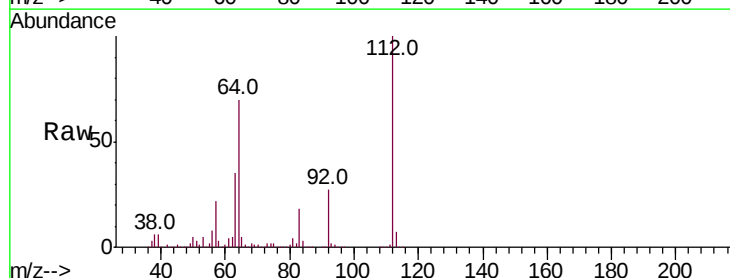
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



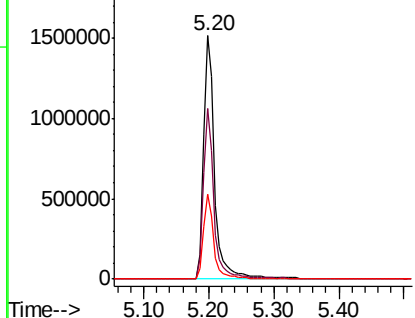
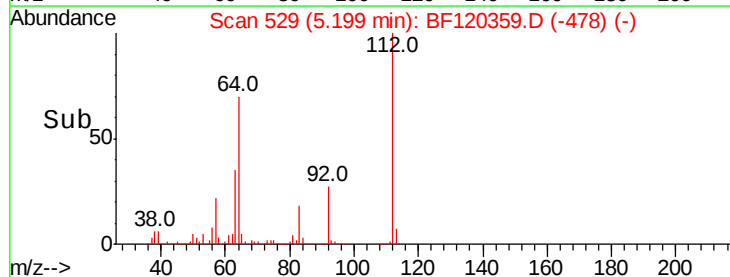
#5

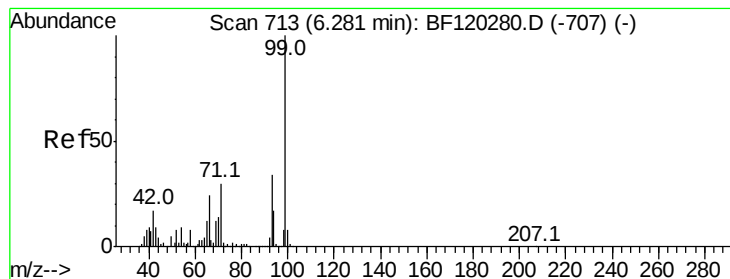
2-Fluorophenol
Concen: 137.085 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF120359.D
Acq: 19 May 2020 13:07

Tgt Ion:112 Resp: 1799332
Ion Ratio Lower Upper
112 100
64 70.3 52.7 79.1
63 35.0 26.2 39.4



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: 148.213 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB128986BL

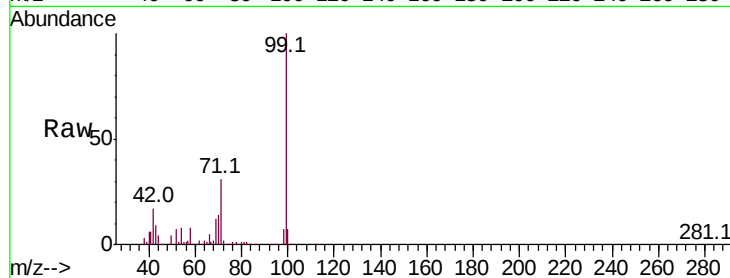
Tot Ion: 99 Resp: 2460125

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

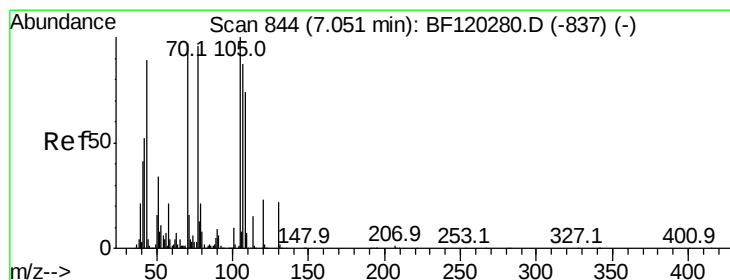
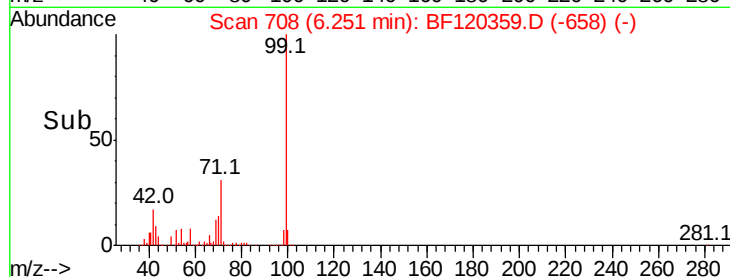
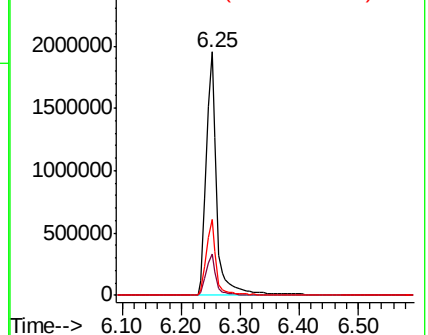
71 31.1 24.2 36.4



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: 15.942 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.14 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Tgt Ion: 70 Resp: 173359

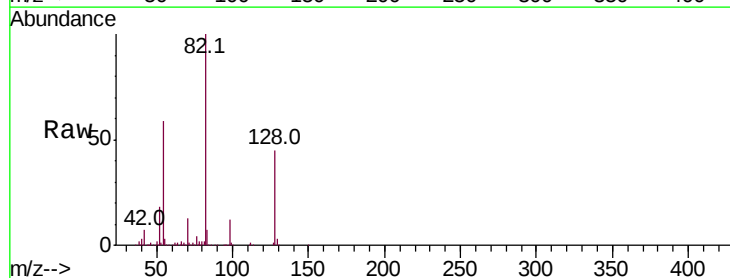
Ion Ratio Lower Upper

70 100

42 51.1 43.4 65.0

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

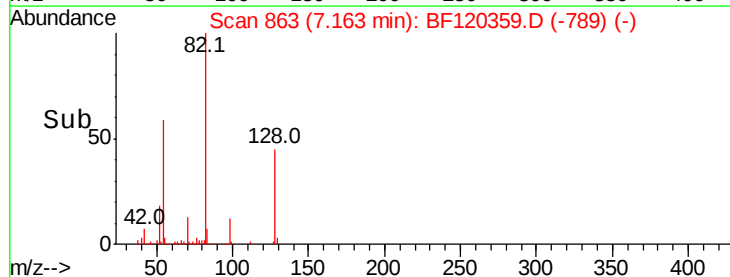
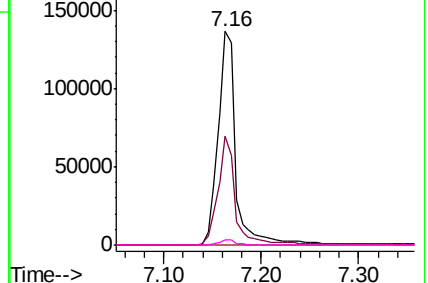


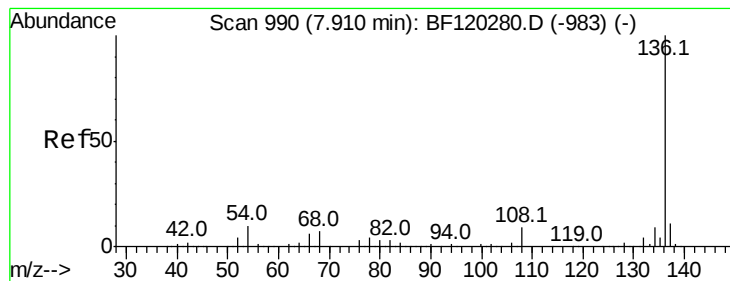
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB128986BL

Tot Ion:136 Resp: 946003

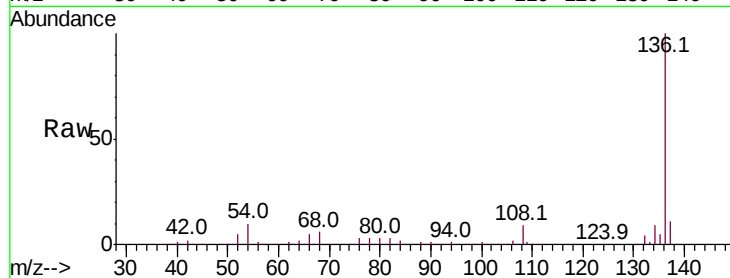
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.7 7.9 11.9

68 6.3 5.4 8.2

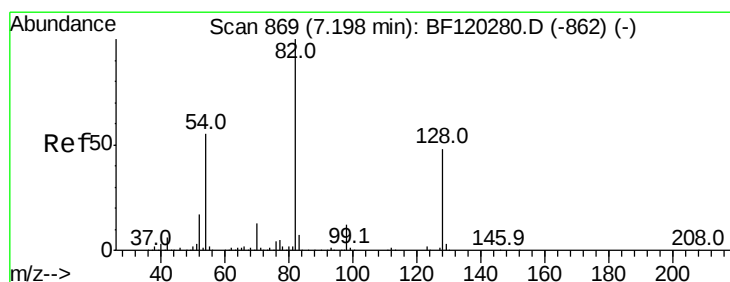
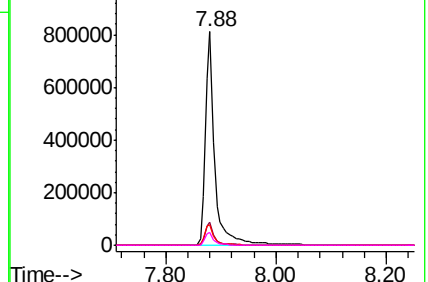
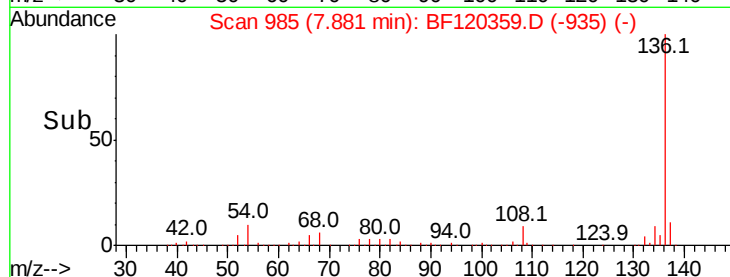


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.791 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

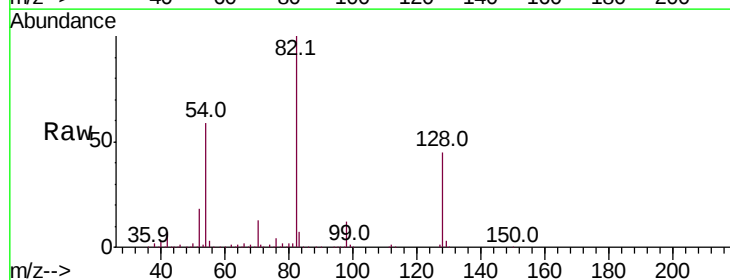
Tgt Ion: 82 Resp: 1378811

Ion Ratio Lower Upper

82 100

128 44.9 38.3 57.5

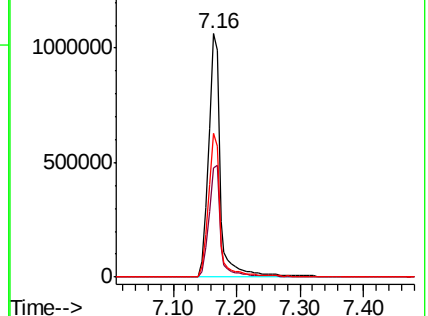
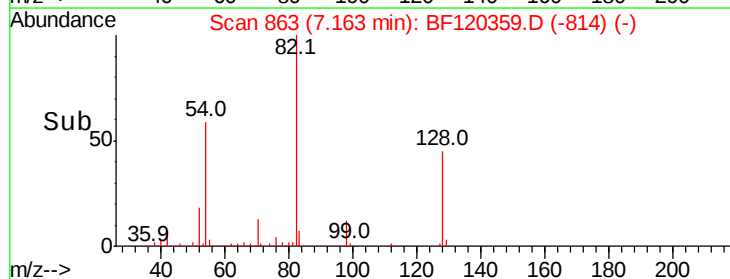
54 59.2 43.9 65.9

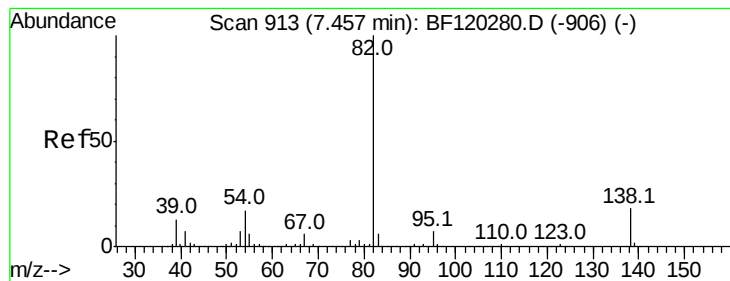


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.844 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.27 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB128986BL

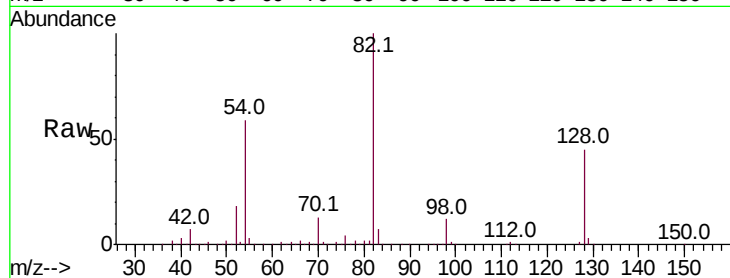
Tot Ion: 82 Resp: 1346719

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

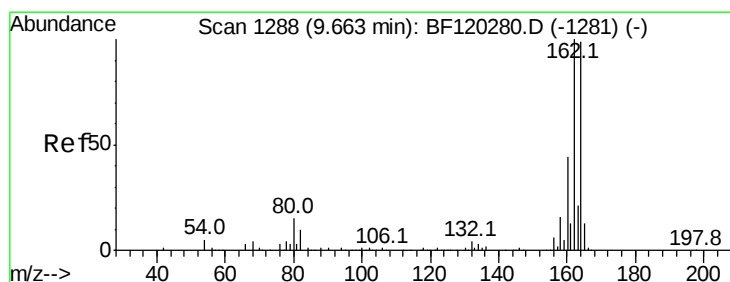
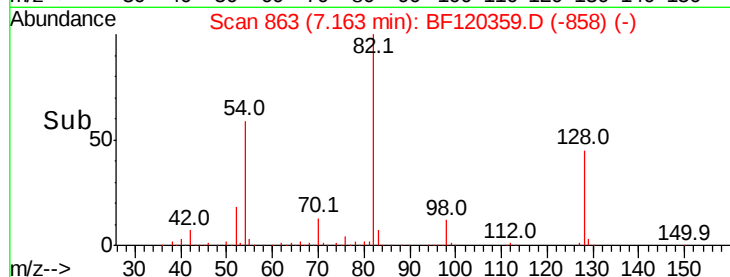
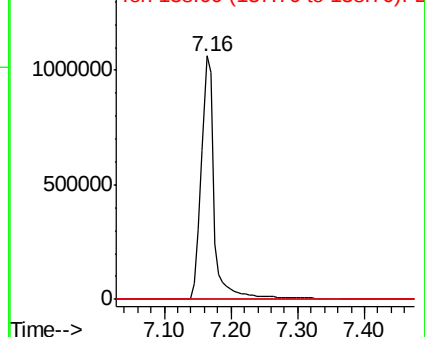
138 0.0 14.7 22.1#



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: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

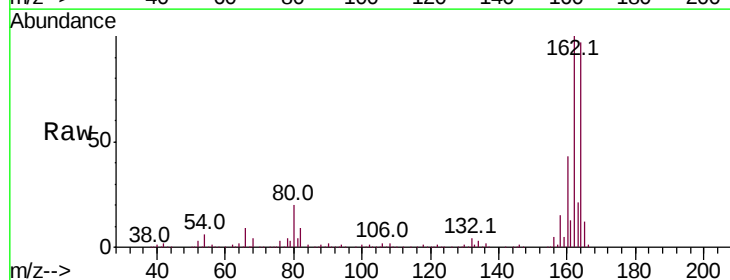
Tgt Ion:164 Resp: 501053

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

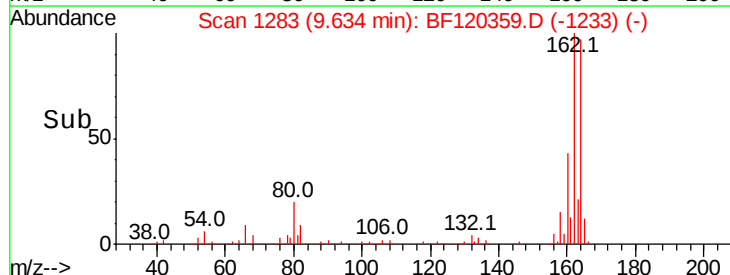
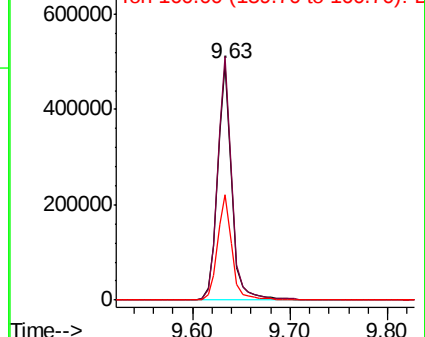
160 44.7 35.8 53.6

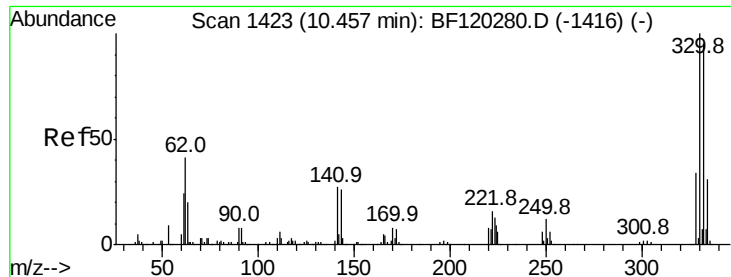


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 149.602 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Instrument :

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ClientSampleId :

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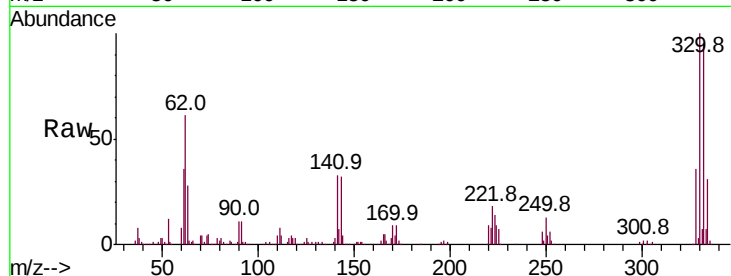
Tot Ion:330 Resp: 611172

Ion Ratio Lower Upper

330 100

332 95.1 76.5 114.7

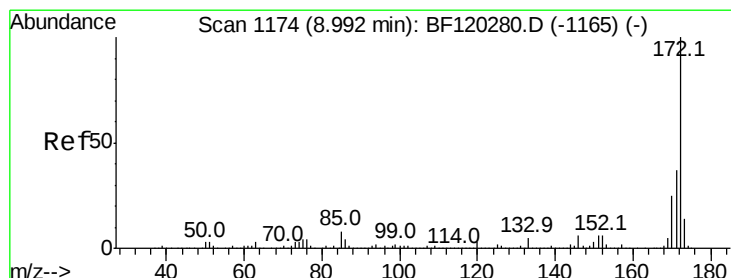
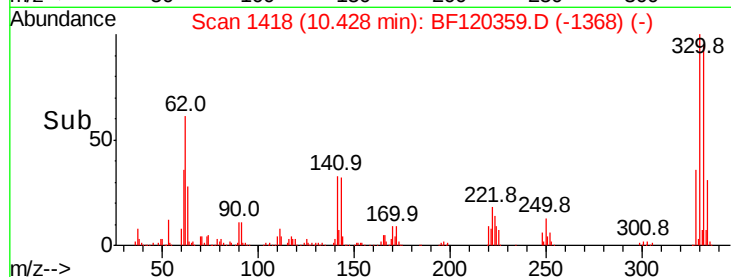
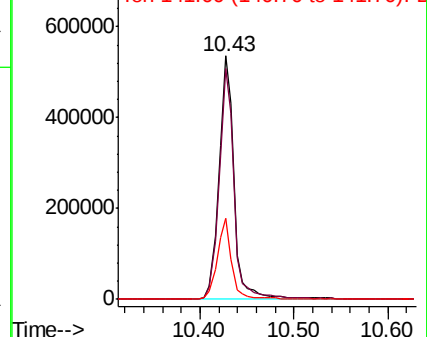
141 32.1 25.4 38.0



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: 104.160 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

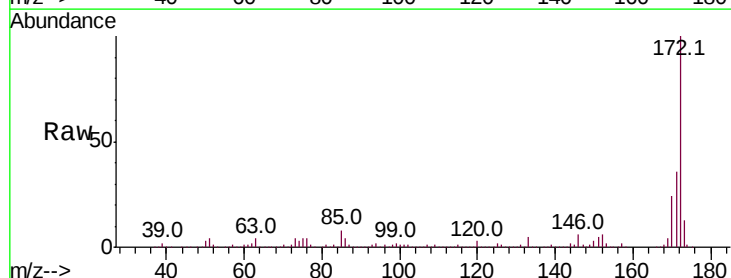
Tgt Ion:172 Resp: 2540304

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

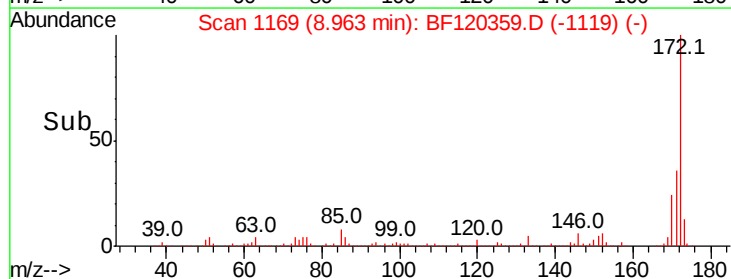
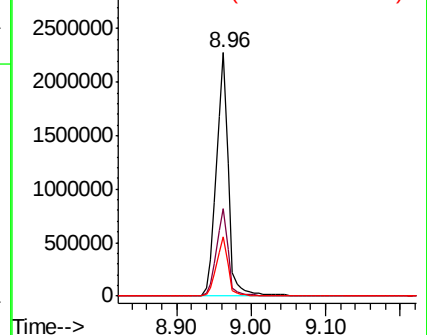
170 24.2 19.9 29.9

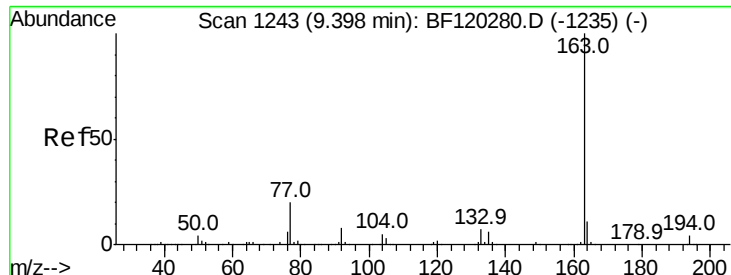


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

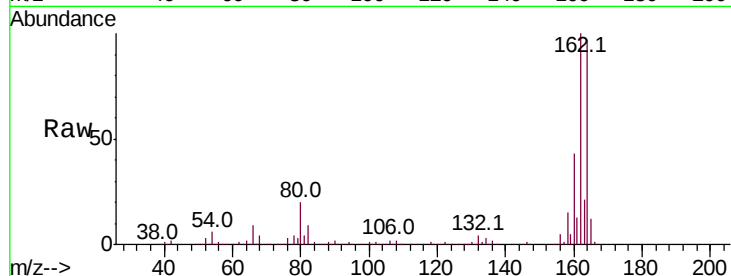




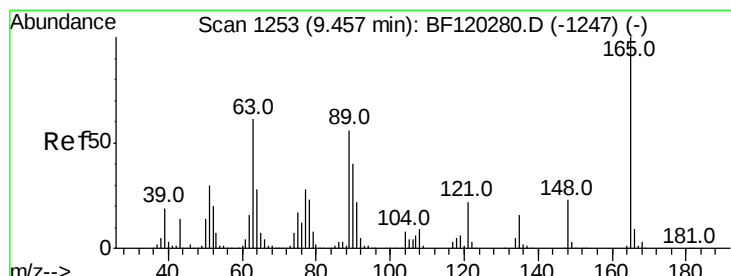
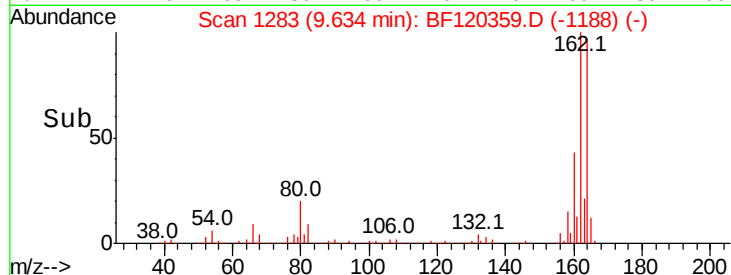
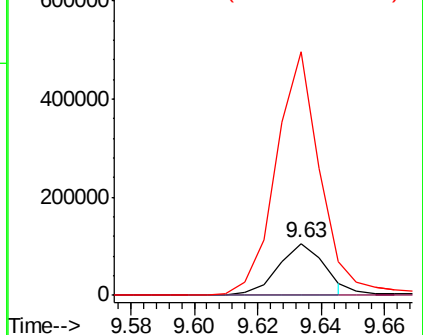
#50
Dimethylphthalate
Concen: 3.340 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.26 min
Lab File: BF120359.D
Acq: 19 May 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB128986BL

Tot Ion:163 Resp: 105791
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 468.7 8.6 12.8#

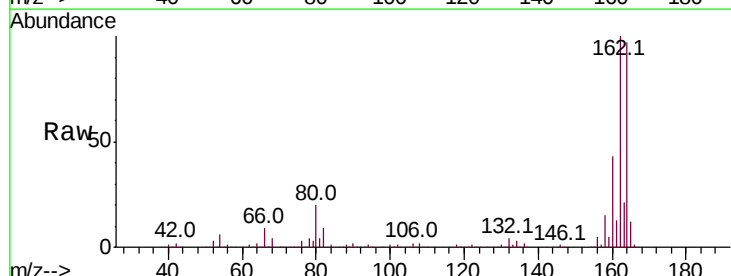


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

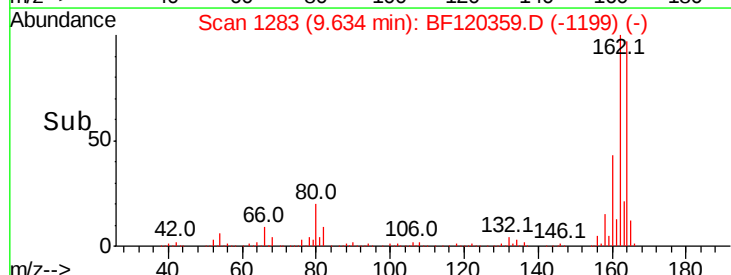
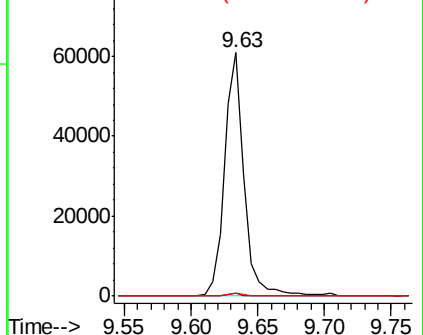


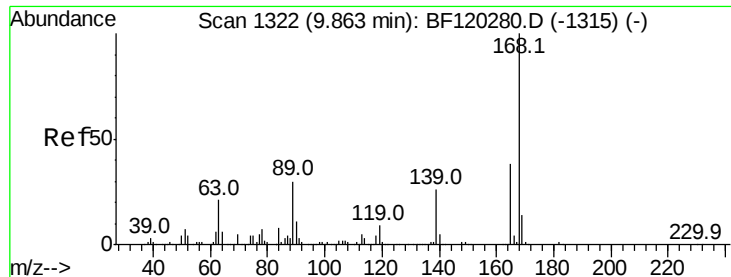
#51
2,6-Dinitrotoluene
Concen: 8.967 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.19 min
Lab File: BF120359.D
Acq: 19 May 2020 13:07

Tgt Ion:165 Resp: 63389
Ion Ratio Lower Upper
165 100
63 1.4 50.2 75.2#
89 1.5 44.6 66.8#



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

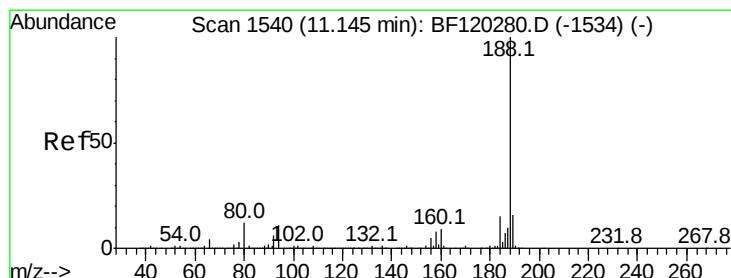
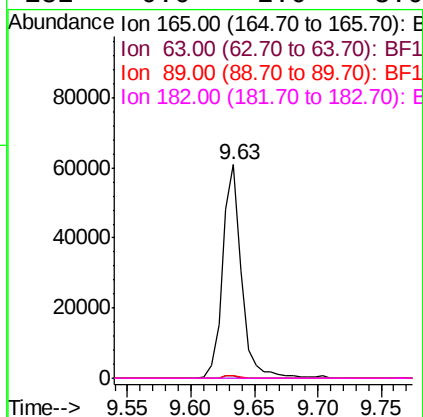
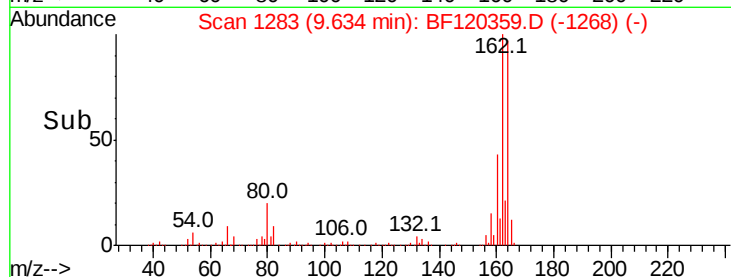
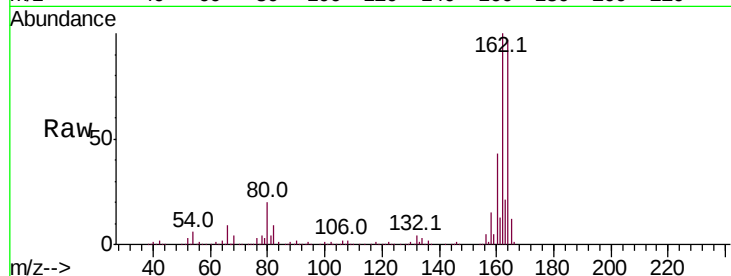




#57
 2,4-Dinitrotoluene
 Concen: 7.644 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.21 min
 Lab File: BF120359.D
 Acq: 19 May 2020 13:07

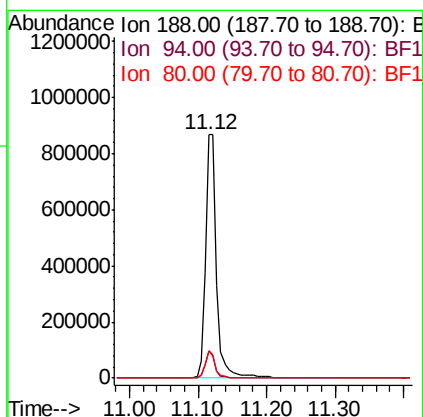
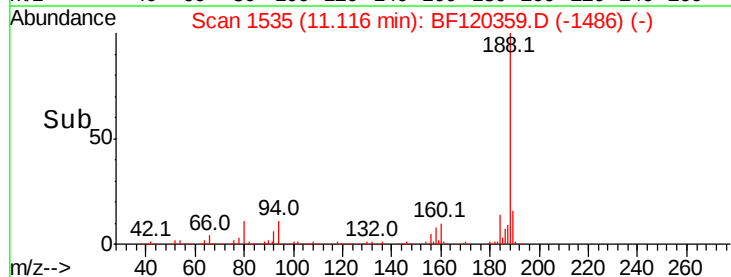
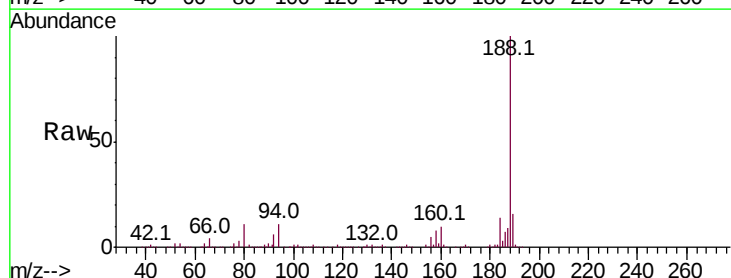
Instrument :
 BNA_F
 ClientSampleId :
 PB128986BL

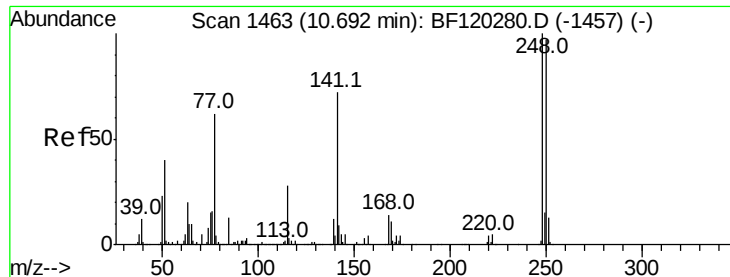
Tot Ion:165 Resp: 63390
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.5 64.2 96.4#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF120359.D
 Acq: 19 May 2020 13:07

Tgt Ion:188 Resp: 992786
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.6 13.0
 80 11.4 9.2 13.8

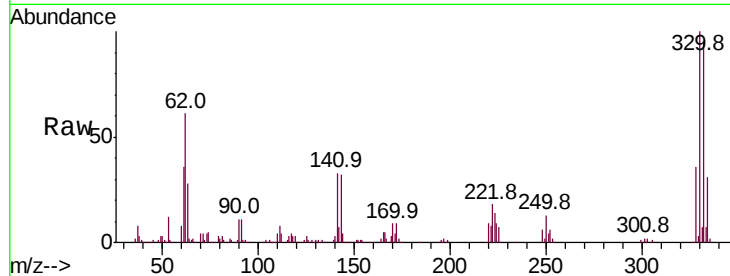




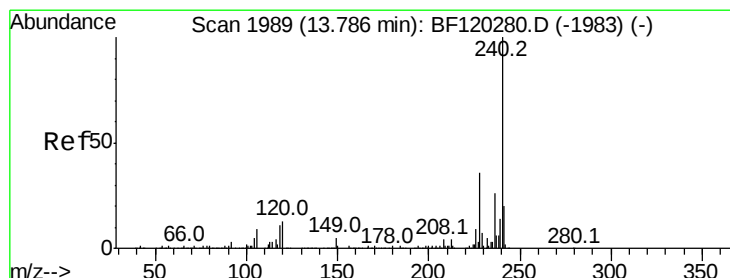
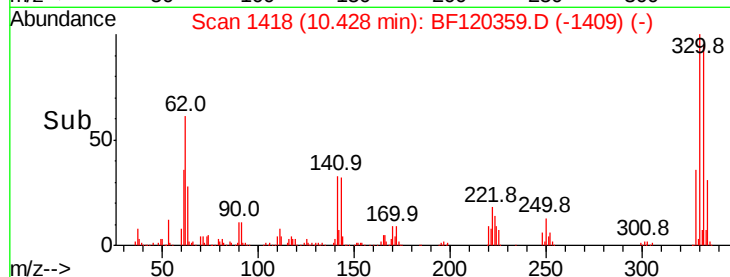
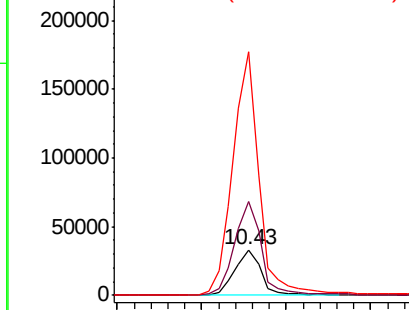
#67
 4-Bromophenyl-phenylether
 Concen: 3.819 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.25 min
 Lab File: BF120359.D
 Acq: 19 May 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BL

Tot Ion:248 Resp: 36791
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.8 116.6#
 141 531.4 57.7 86.5#

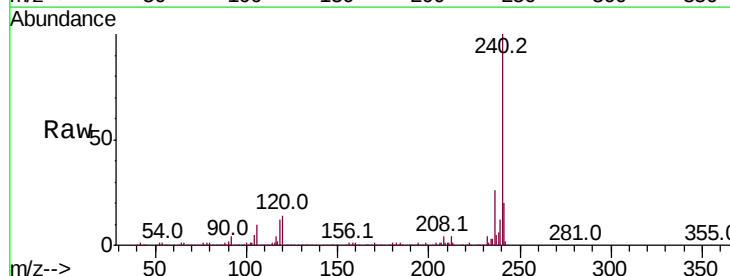


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

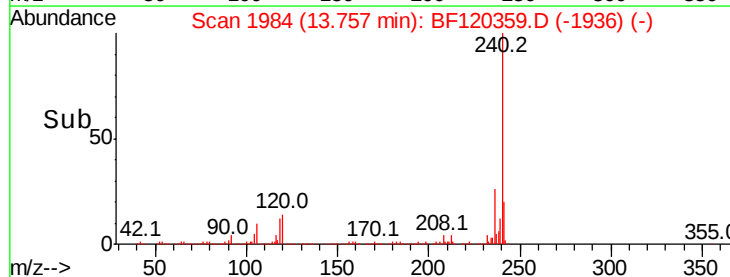
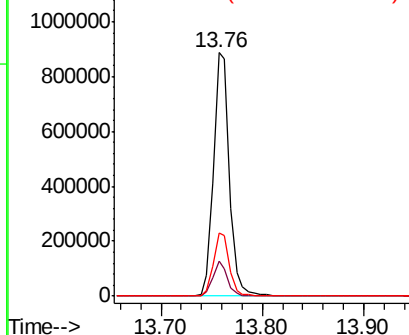


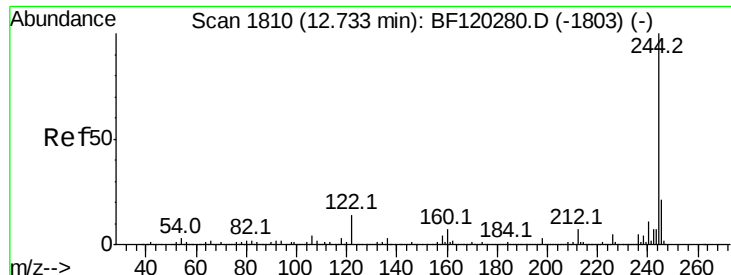
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF120359.D
 Acq: 19 May 2020 13:07

Tgt Ion:240 Resp: 967893
 Ion Ratio Lower Upper
 240 100
 120 14.1 10.4 15.6
 236 25.9 21.0 31.6



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: 79.901 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB128986BL

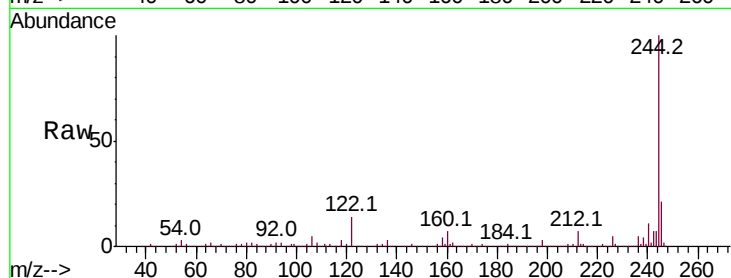
Tot Ion:244 Resp: 3500606

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

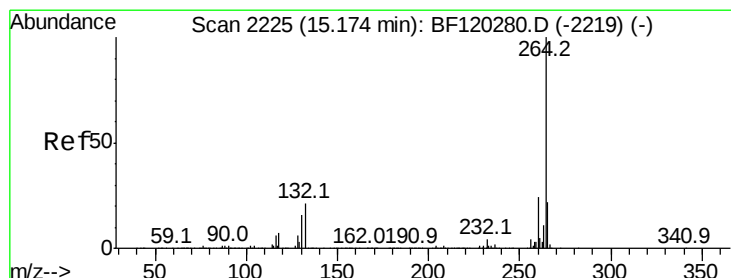
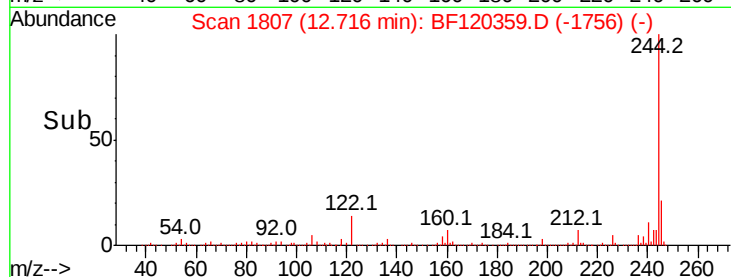
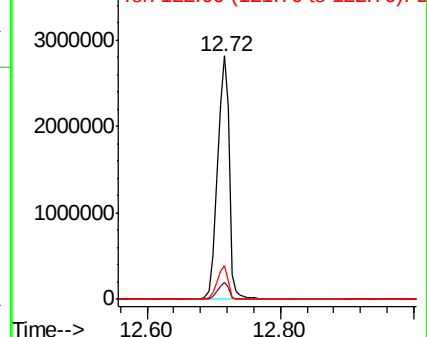
122 13.7 10.8 16.2



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: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF120359.D

Acq: 19 May 2020 13:07

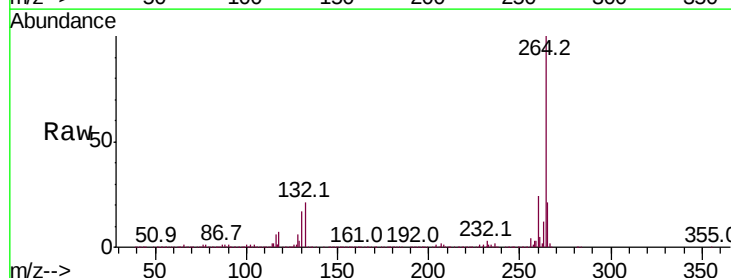
Tgt Ion:264 Resp: 828449

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.0 17.5 26.3



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

