

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119598.D
 Acq On : 28 Mar 2020 6:00
 Operator : CG/JU
 Sample : PB127859BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BL

Quant Time: Mar 28 07:56:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

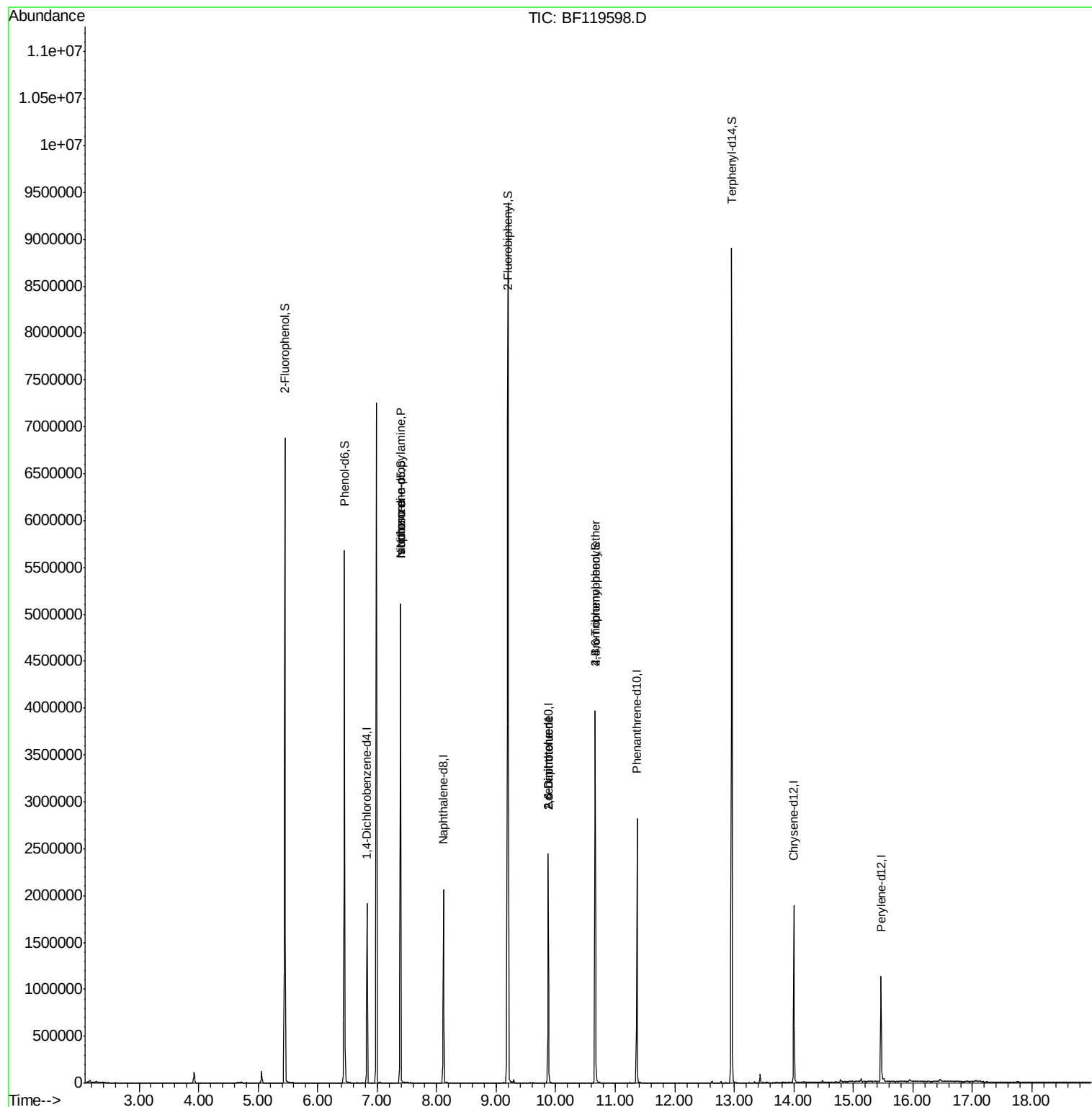
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	274092	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	973056	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	472643	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1005123	20.00	ng	0.00
76) Chrysene-d12	14.00	240	651153	20.00	ng	-0.01
87) Perylene-d12	15.46	264	513096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1843237	107.05	ng	0.01
7) Phenol-d6	6.45	99	2200185	100.03	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1813183	101.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	460244	94.39	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3294088	103.25	ng	0.00
79) Terphenyl-d14	12.96	244	3578395	107.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	243030	18.33	ng	# 78
25) Isophorone	7.39	82	1786905	49.20	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	60983	8.47	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	60983	6.73	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	28107	2.46	ng	# 1

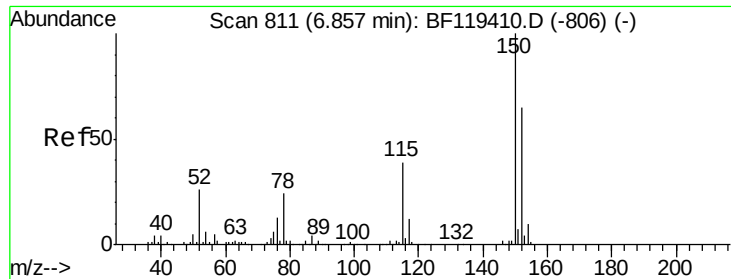
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

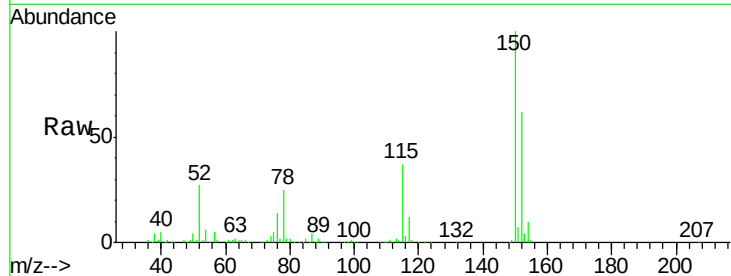
Tgt Ion:152 Resp: 274092

Ion Ratio Lower Upper

152 100

150 162.0 124.5 186.7

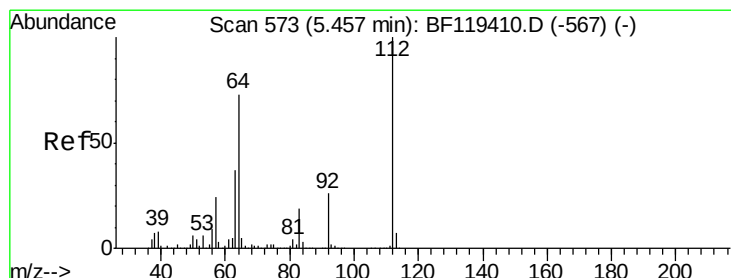
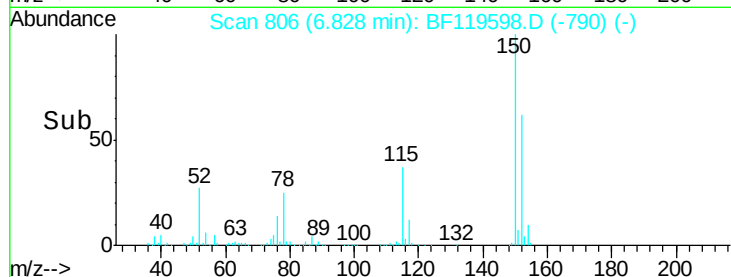
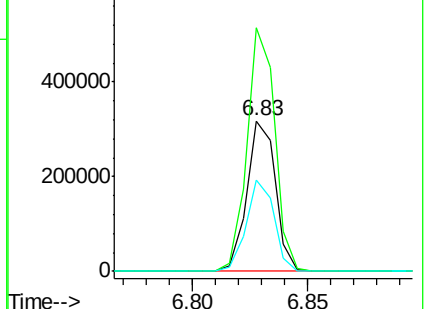
115 60.7 49.6 74.4



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: 107.05 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

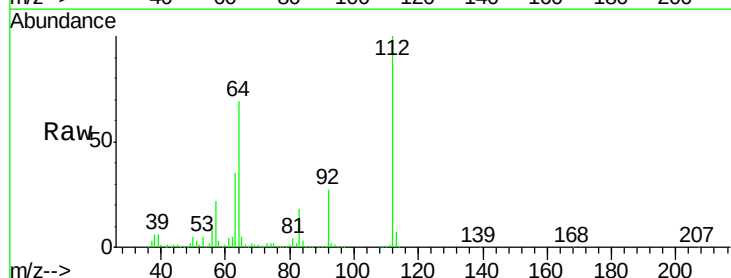
Tgt Ion:112 Resp: 1843237

Ion Ratio Lower Upper

112 100

64 68.6 56.7 85.1

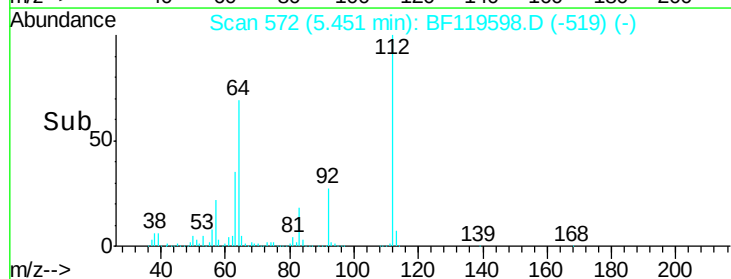
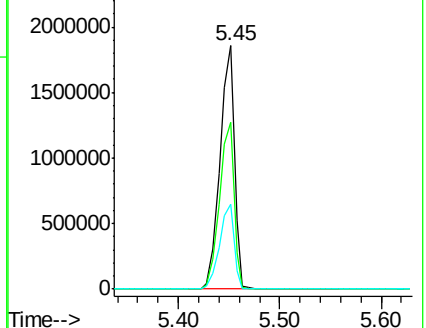
63 34.9 29.5 44.3

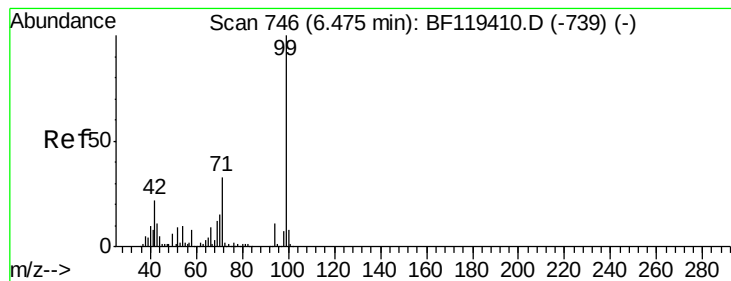


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.03 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

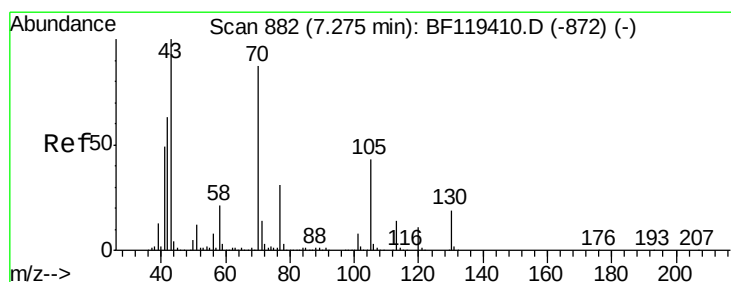
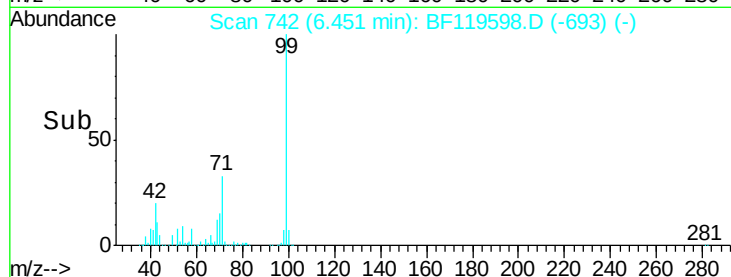
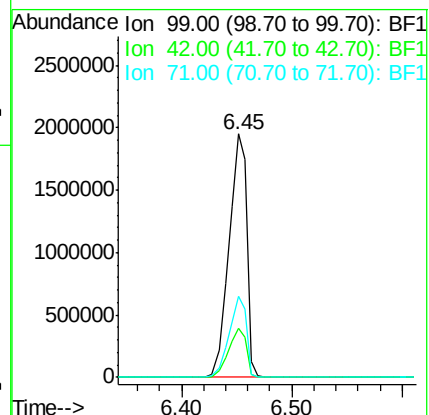
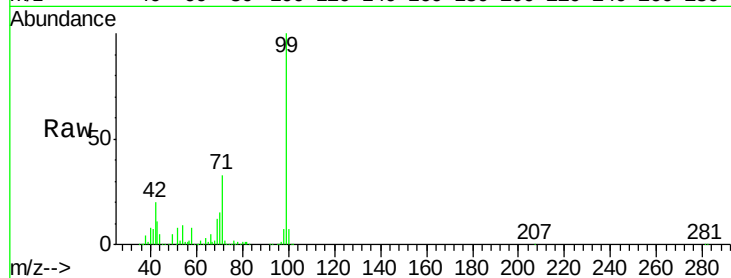
Tgt Ion: 99 Resp: 2200185

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 33.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.33 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Tgt Ion: 70 Resp: 243030

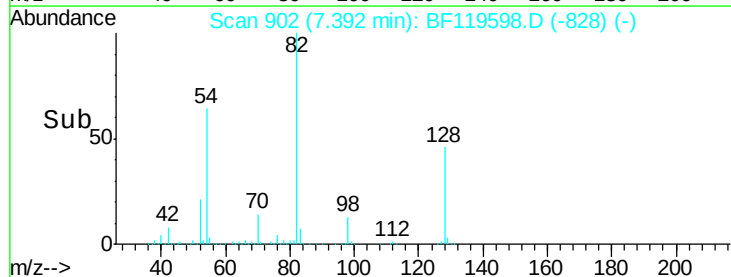
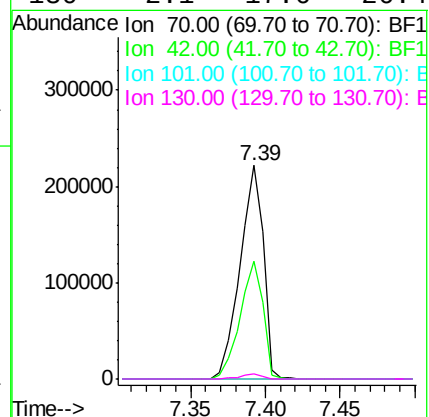
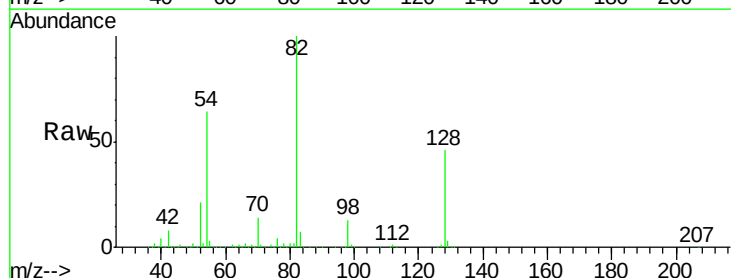
Ion Ratio Lower Upper

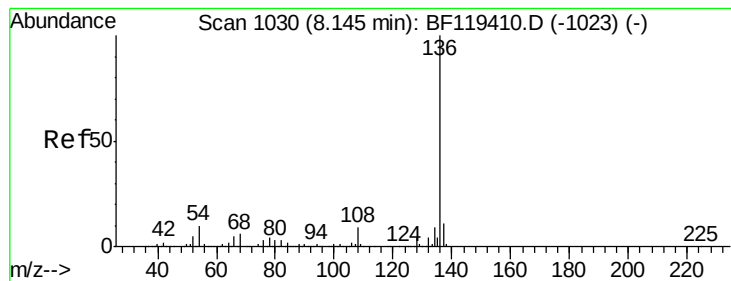
70 100

42 55.3 54.5 81.7

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

Tgt Ion: 136 Resp: 973056

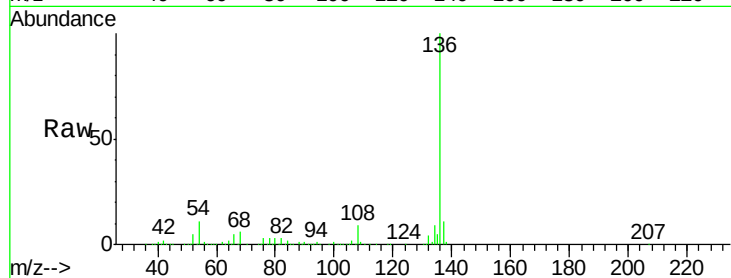
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 9.1 13.7

68 5.6 4.6 6.8

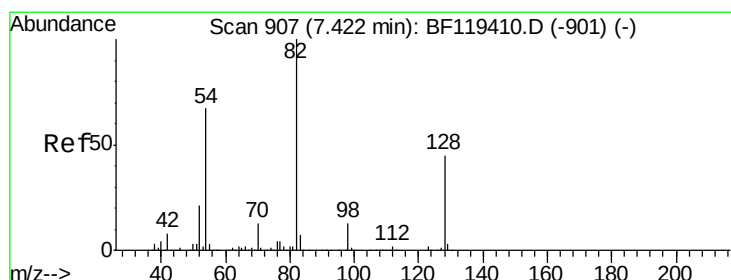
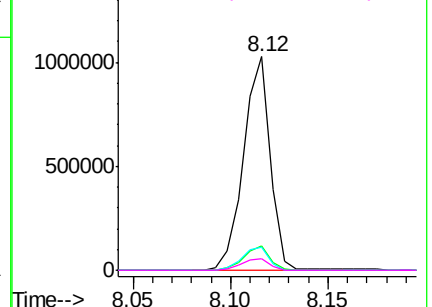
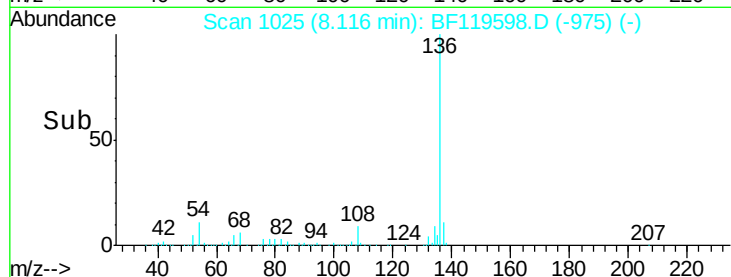


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.27 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

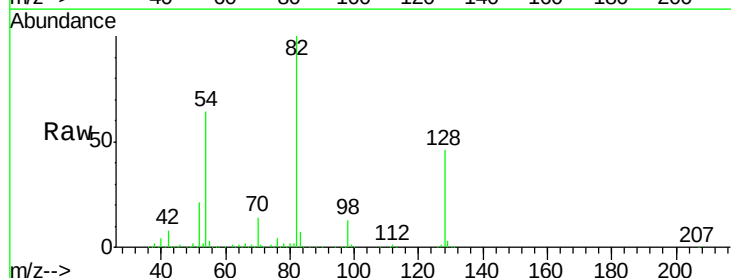
Tgt Ion: 82 Resp: 1813183

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

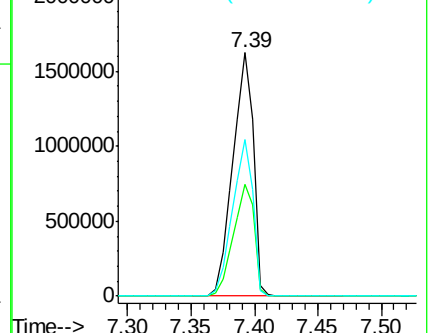
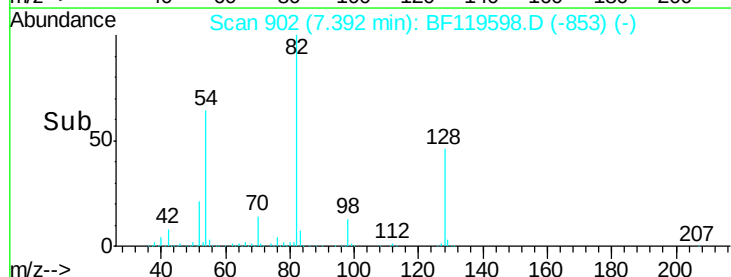
54 64.4 50.6 75.8

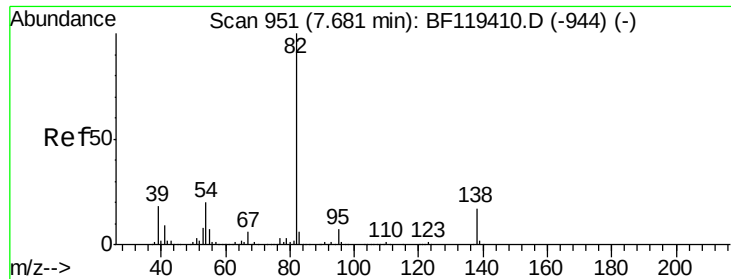


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.20 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

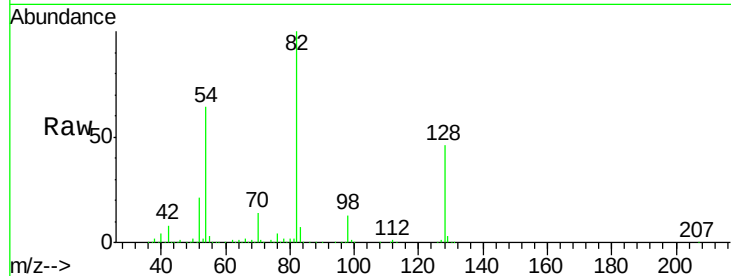
Tgt Ion: 82 Resp: 1786905

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

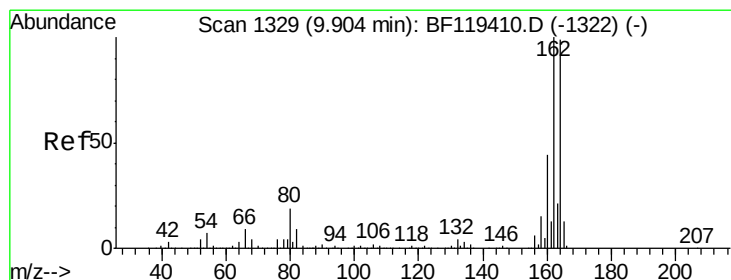
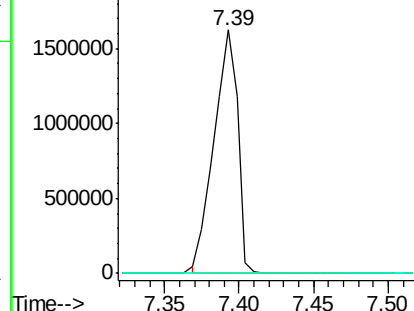
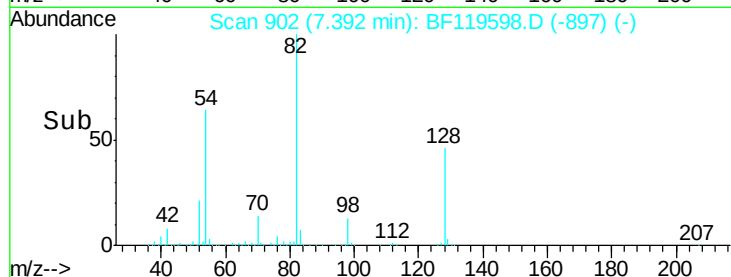
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

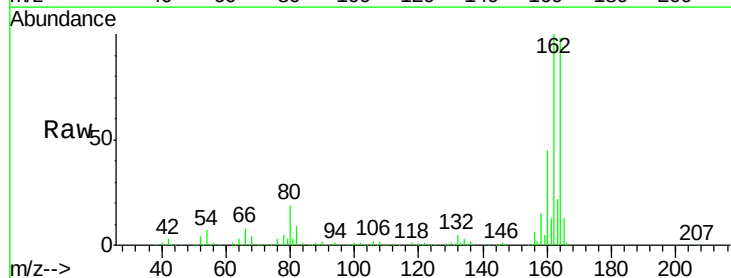
Tgt Ion: 164 Resp: 472643

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

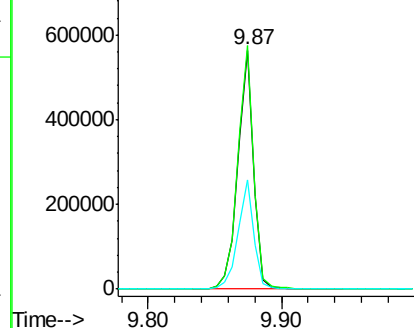
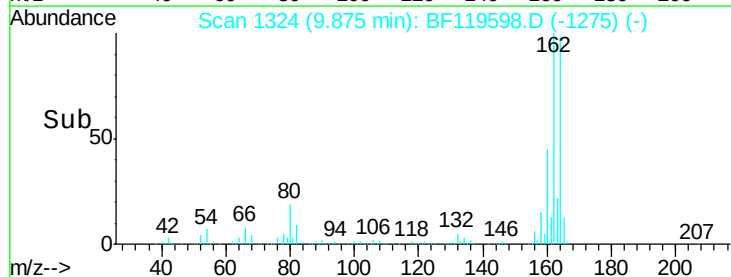
160 46.0 35.7 53.5

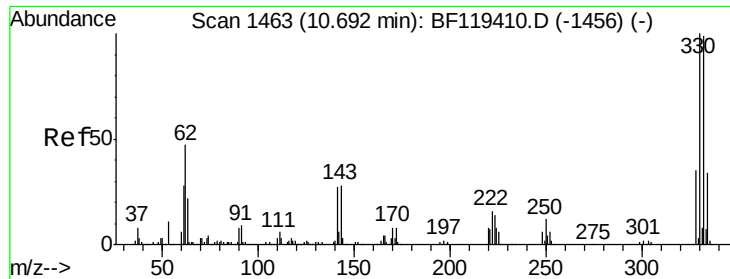


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

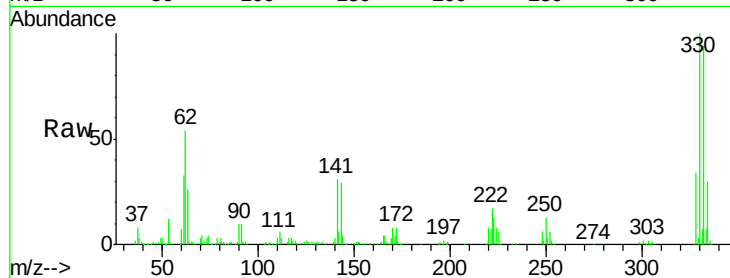




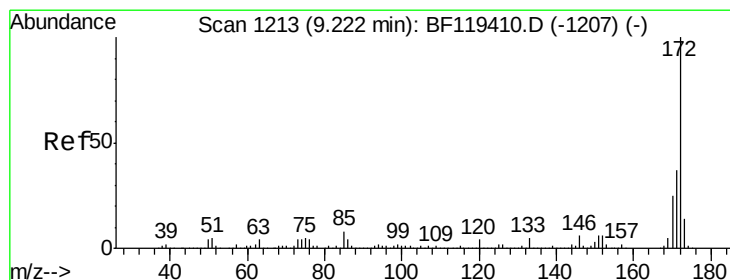
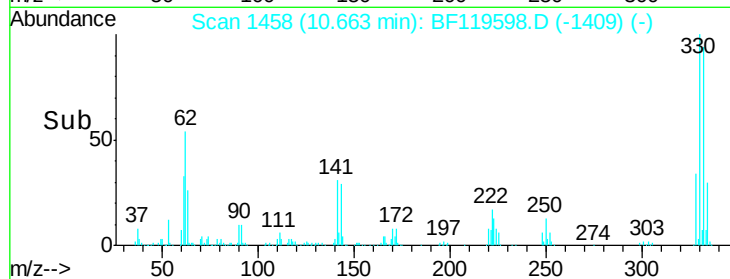
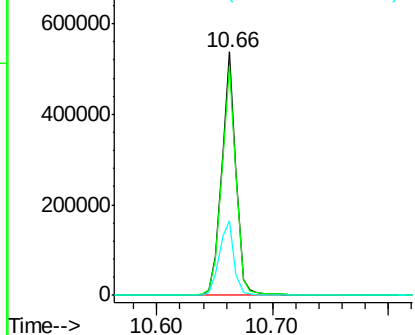
#42
 2,4,6-Tribromophenol
 Concen: 94.39 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Instrument :
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Tgt Ion:330 Resp: 460244
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 31.8 25.4 38.0

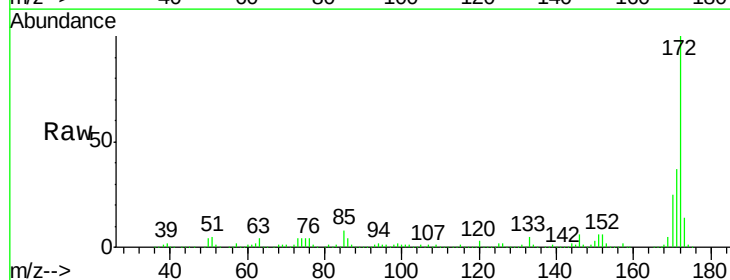


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

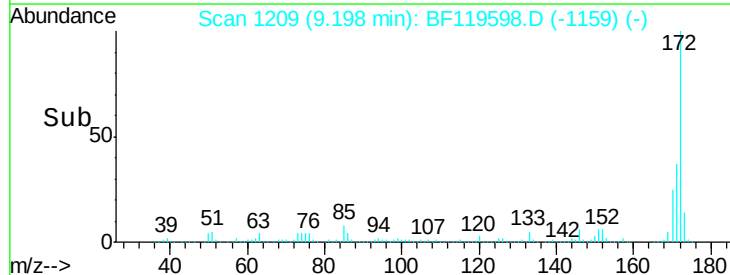
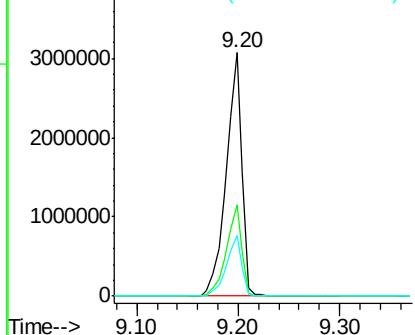


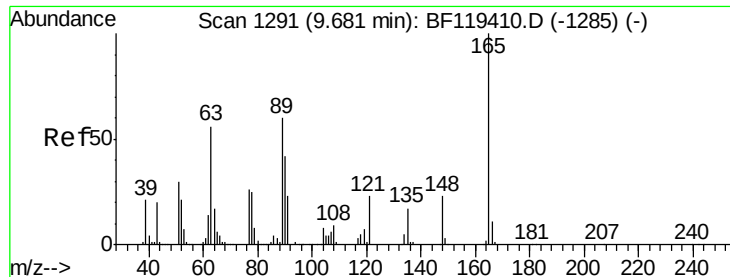
#45
 2-Fluorobiphenyl
 Concen: 103.25 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Tgt Ion:172 Resp: 3294088
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.8 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

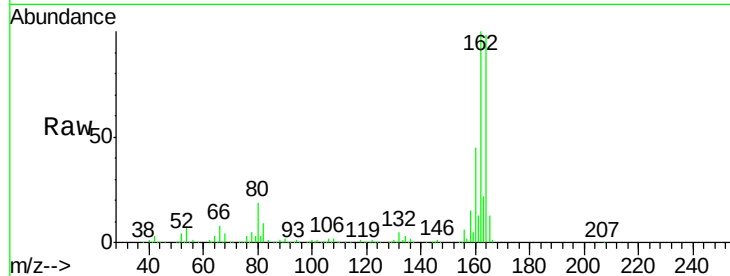




#51
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BL

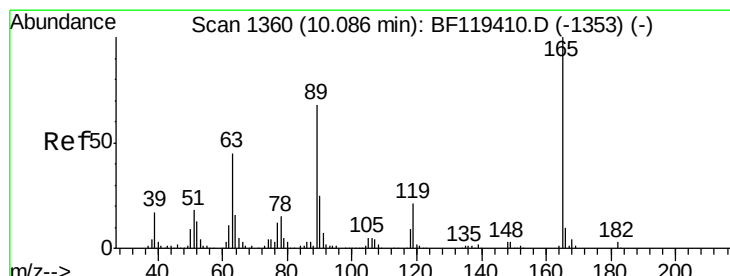
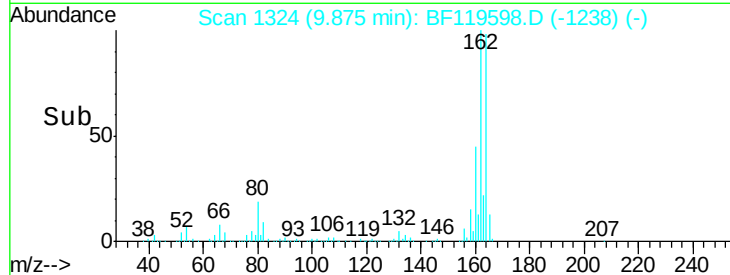
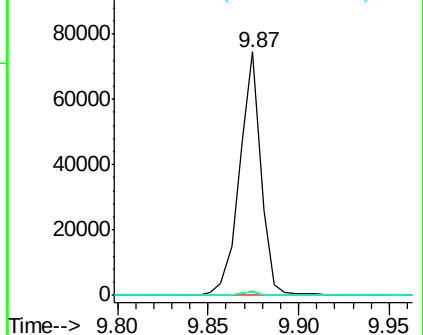
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.1	41.5	62.3#



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: 6.73 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

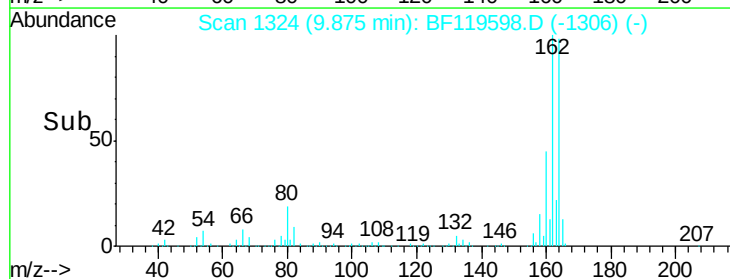
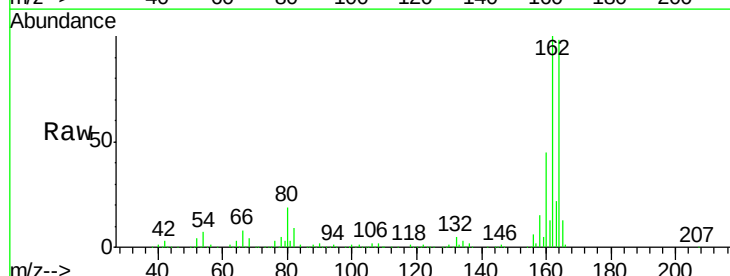
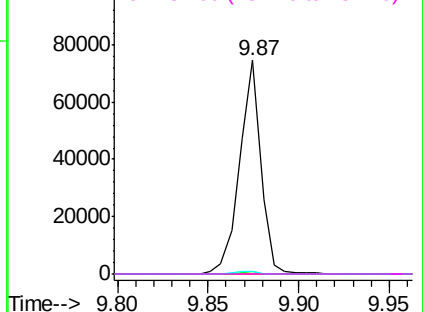
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

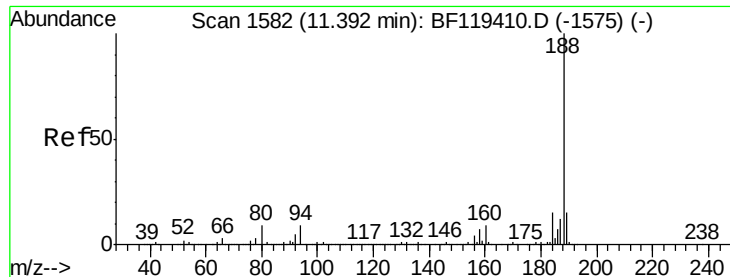
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

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PB127859BL

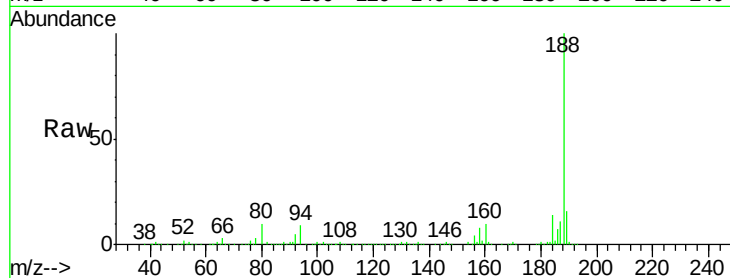
Tgt Ion:188 Resp: 1005123

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

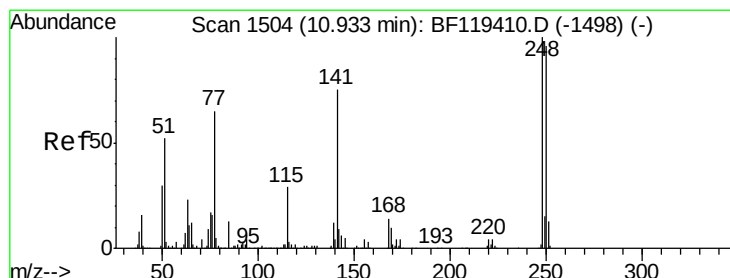
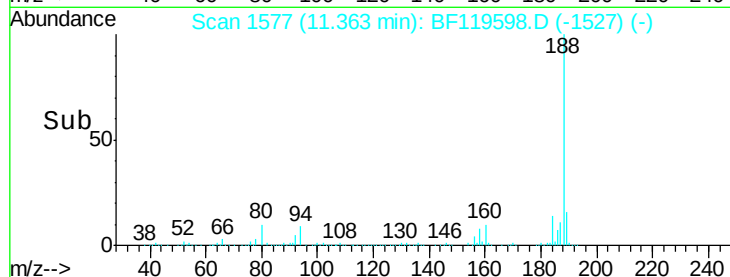
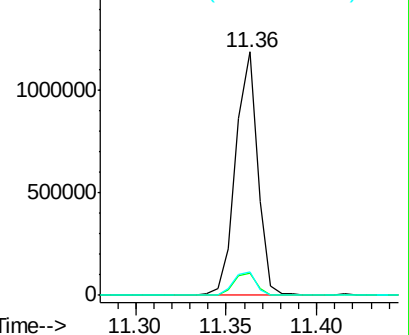
80 9.6 9.0 13.4



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: 2.46 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

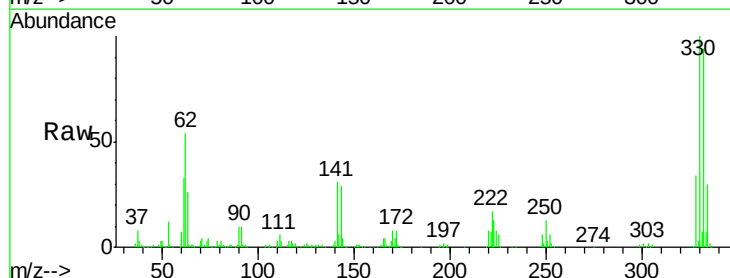
Tgt Ion:248 Resp: 28107

Ion Ratio Lower Upper

248 100

250 215.2 77.3 115.9#

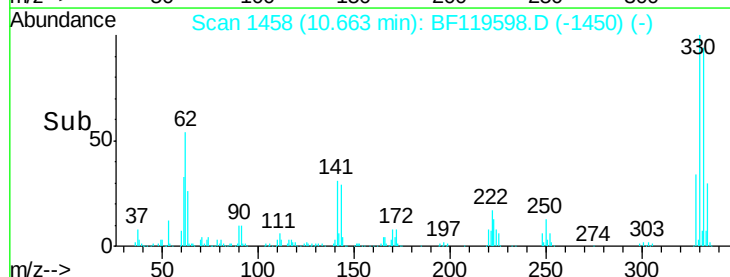
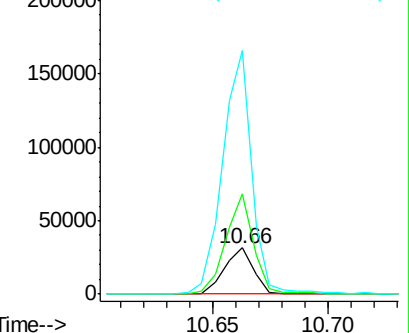
141 525.0 58.6 87.8#

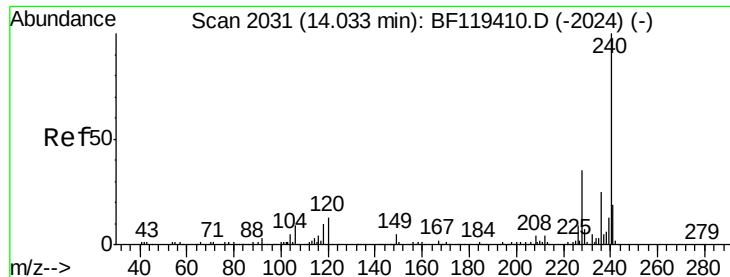


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

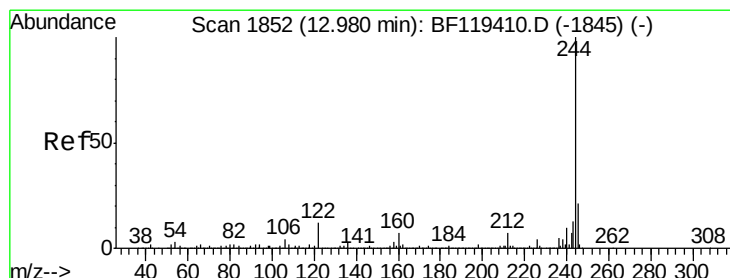
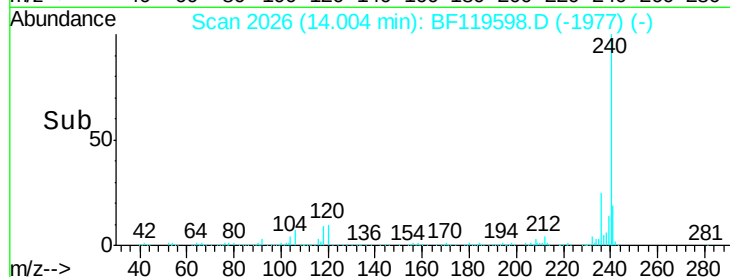
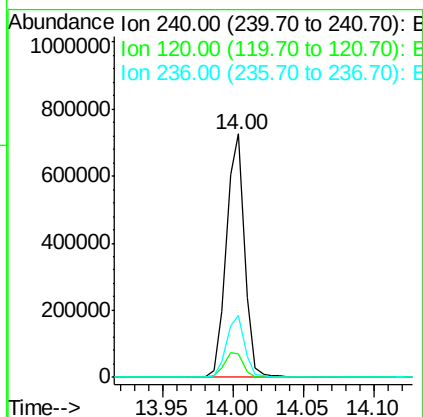
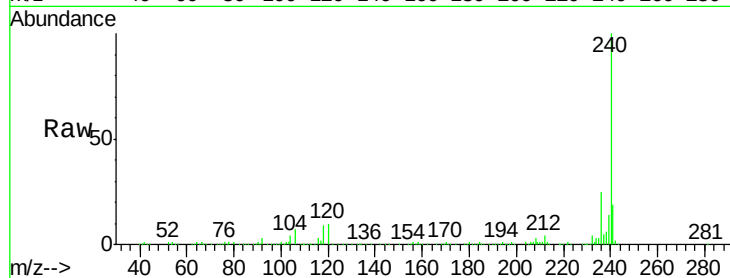




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

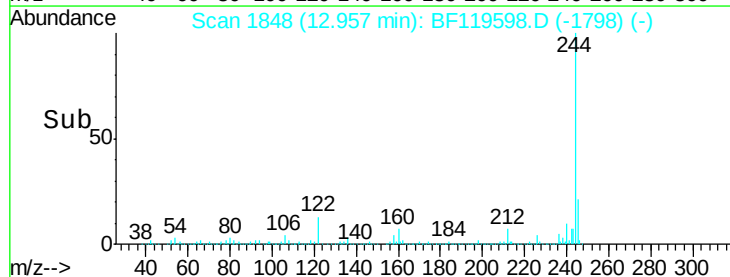
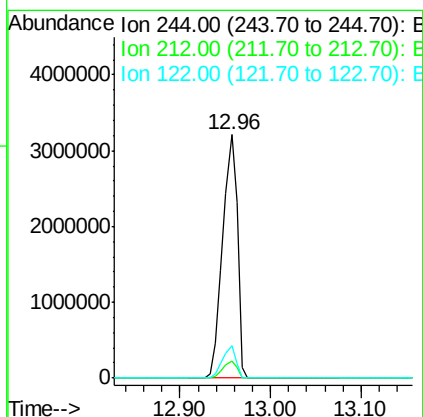
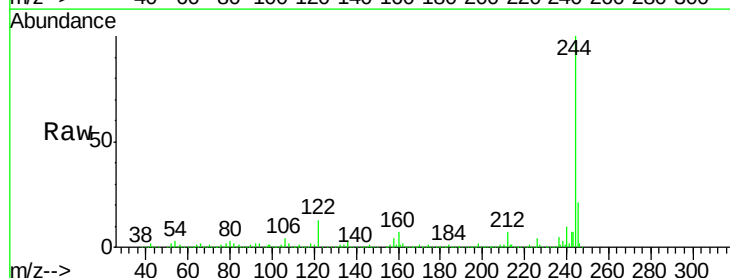
Instrument :
BNA_F
ClientSampleId :
PB127859BL

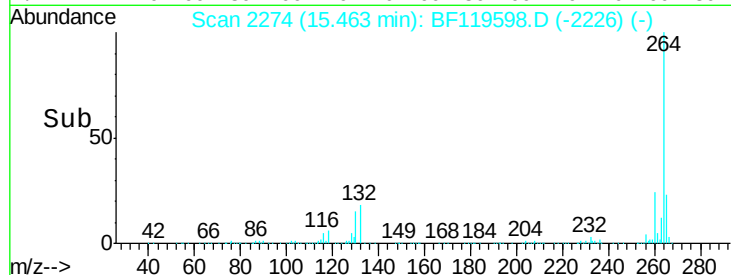
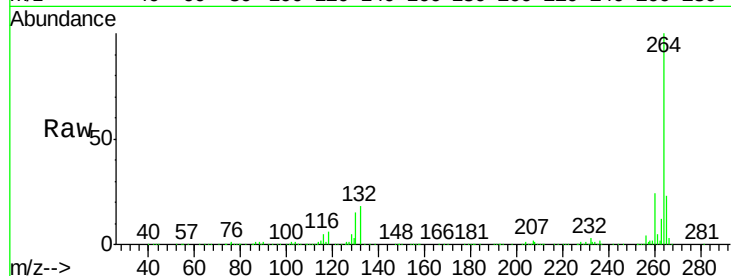
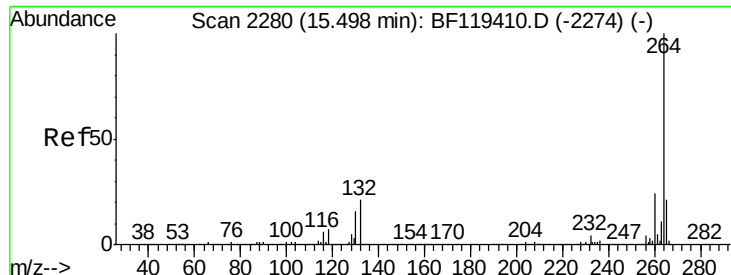
Tgt Ion:240 Resp: 651153
Ion Ratio Lower Upper
240 100
120 9.9 10.6 15.8#
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 107.67 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

Tgt Ion:244 Resp: 3578395
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.3 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
PB127859BL

Tgt Ion:	264	Resp:	513096
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.8	17.7	26.5

