

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119753.D
 Acq On : 4 Apr 2020 8:56
 Operator : MA/SJ
 Sample : L2125-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Quant Time: Apr 06 00:30:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

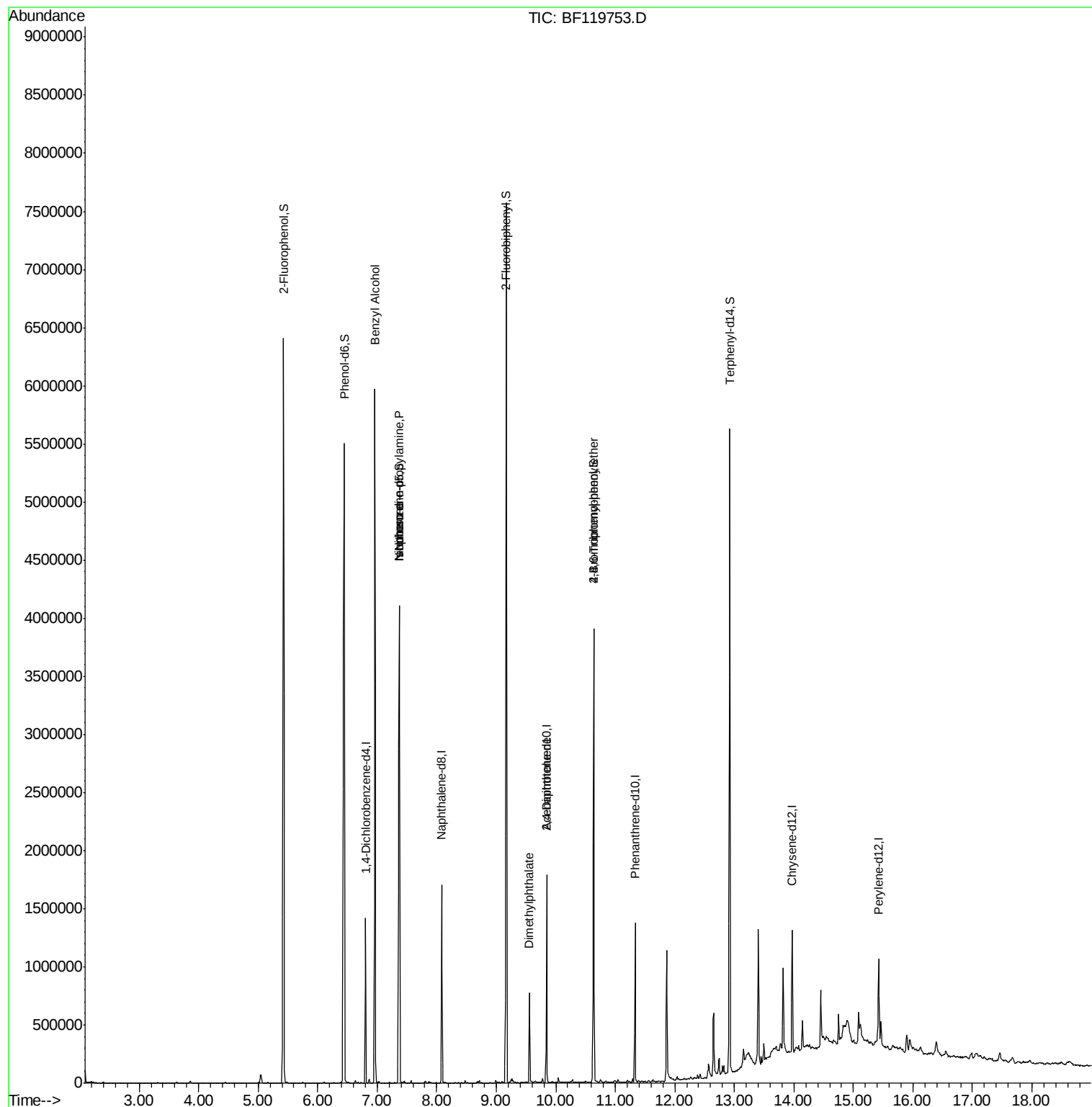
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	186720	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	676676	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	326371	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	530653	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	368649	20.00	ng	-0.03
87) Perylene-d12	15.43	264	337891	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1898061	161.82	ng	0.01
7) Phenol-d6	6.45	99	2393041	159.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	1477813	118.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	549281	163.13	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2558895	116.15	ng	-0.01
79) Terphenyl-d14	12.92	244	2239000	118.99	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.96	79	24622	2.18	ng	# 50
19) n-Nitroso-di-n-propylamine	7.37	70	193633	21.44	ng	# 74
25) Isophorone	7.37	82	1477778	58.51	ng	# 65
50) Dimethylphthalate	9.56	163	286770	12.37	ng	99
57) 2,4-Dinitrotoluene	9.85	165	42395	6.77	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	32485	5.38	ng	# 1

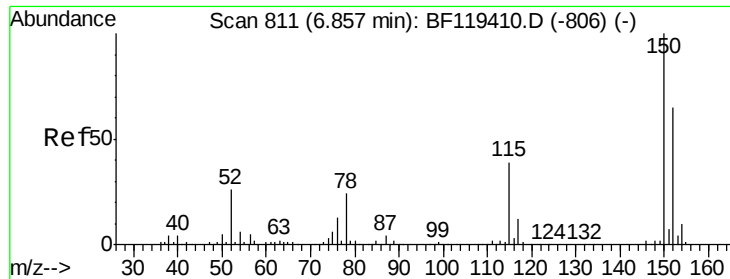
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

Instrument :

BNA_F

ClientSampleId :

A-1

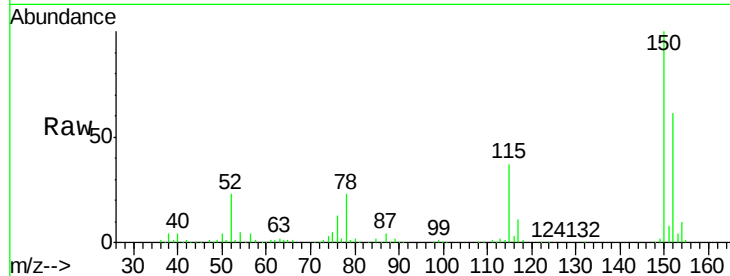
Tgt Ion:152 Resp: 186720

Ion Ratio Lower Upper

152 100

150 163.8 124.5 186.7

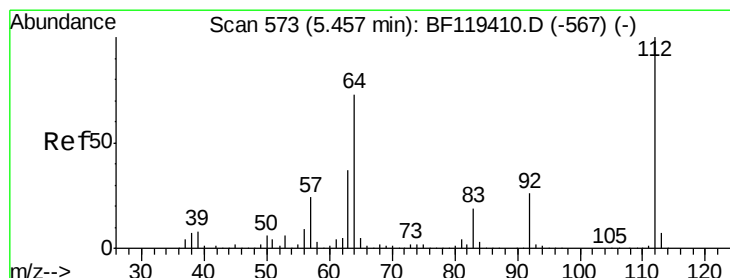
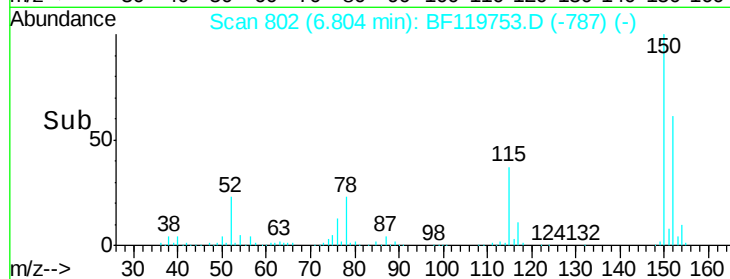
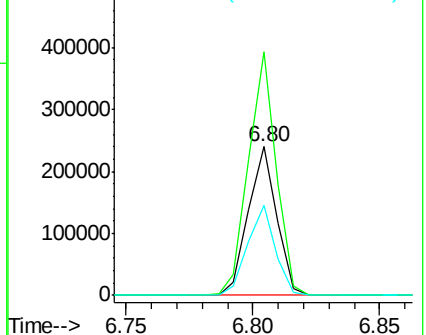
115 60.3 49.6 74.4



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: 161.82 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

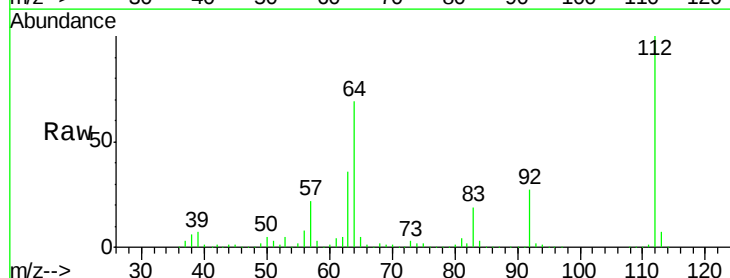
Tgt Ion:112 Resp: 1898061

Ion Ratio Lower Upper

112 100

64 69.4 56.7 85.1

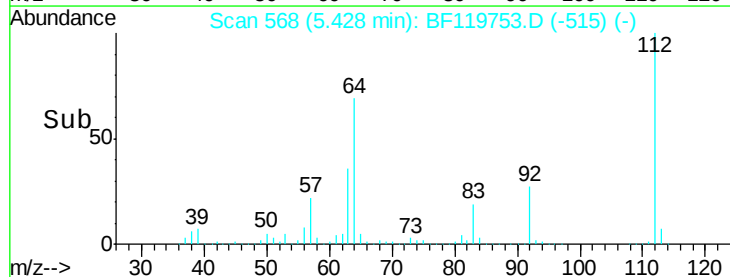
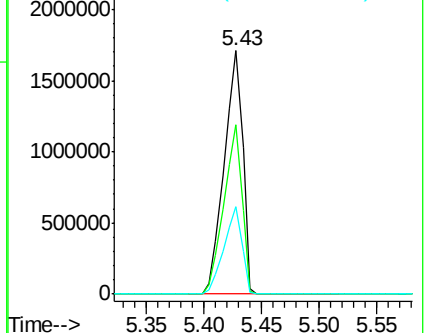
63 35.9 29.5 44.3

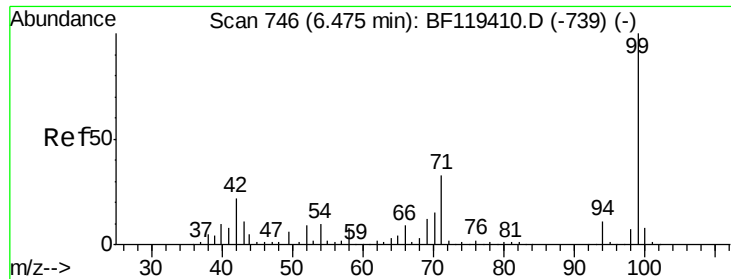


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 159.71 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

Instrument :

BNA_F

ClientSampled :

A-1

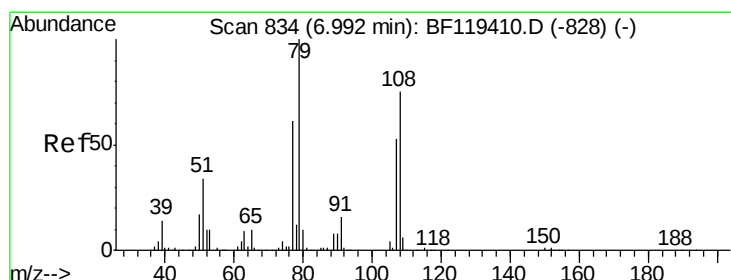
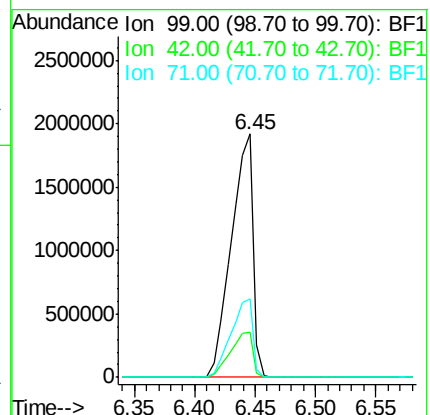
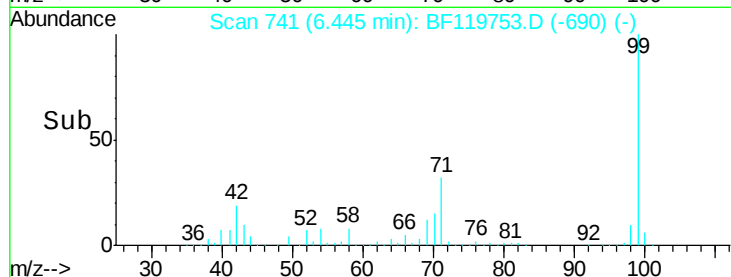
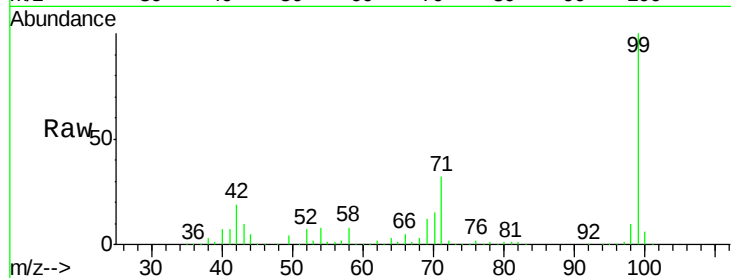
Tgt Ion: 99 Resp: 2393041

Ion Ratio Lower Upper

99 100

42 18.6 16.6 24.8

71 32.4 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

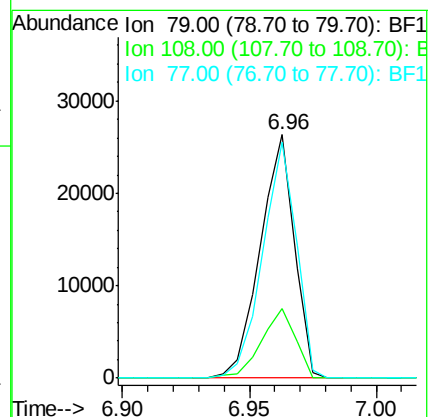
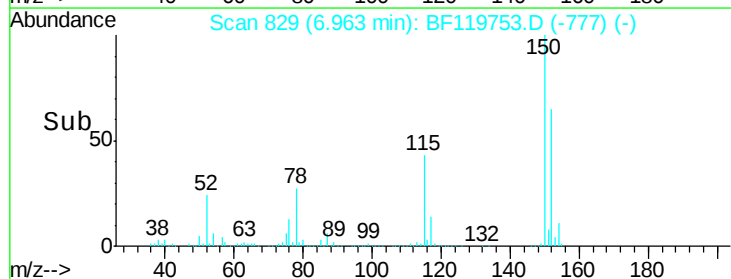
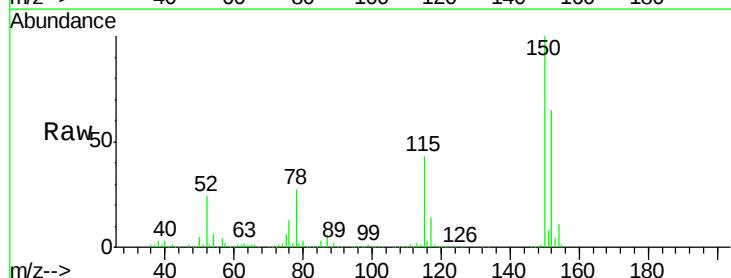
Tgt Ion: 79 Resp: 24622

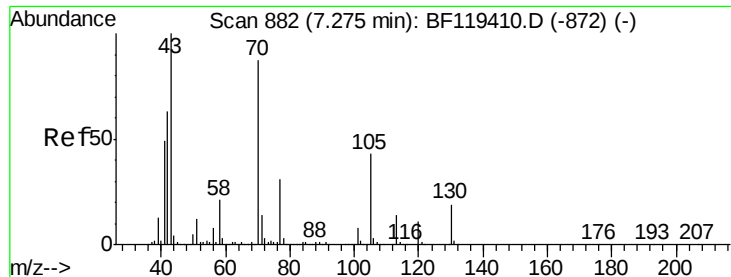
Ion Ratio Lower Upper

79 100

108 28.5 60.6 90.8#

77 97.0 50.2 75.2#

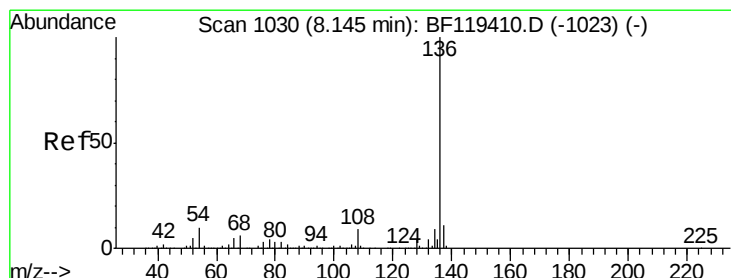
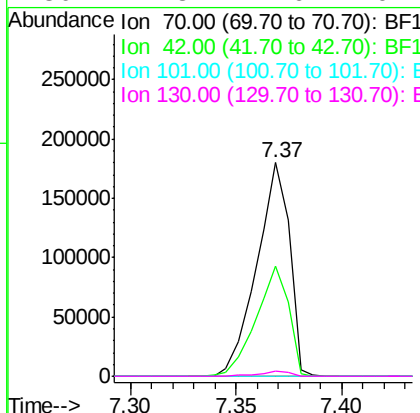
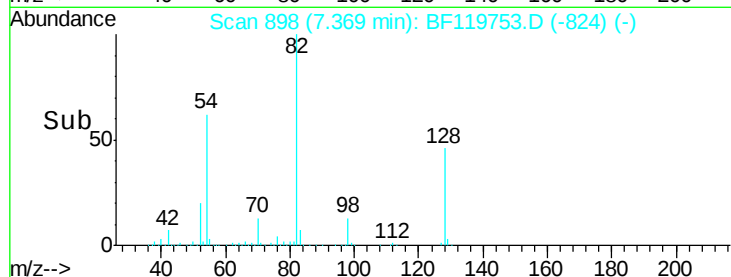
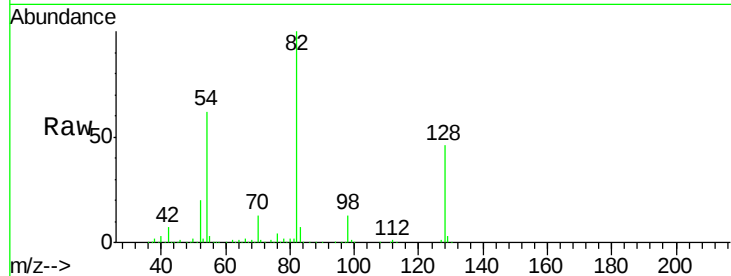




#19
n-Nitroso-di-n-propylamine
Concen: 21.44 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF119753.D
Acq: 4 Apr 2020 8:56

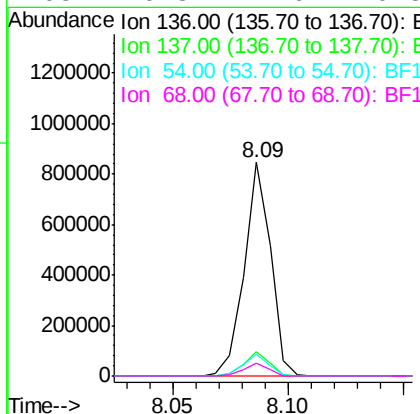
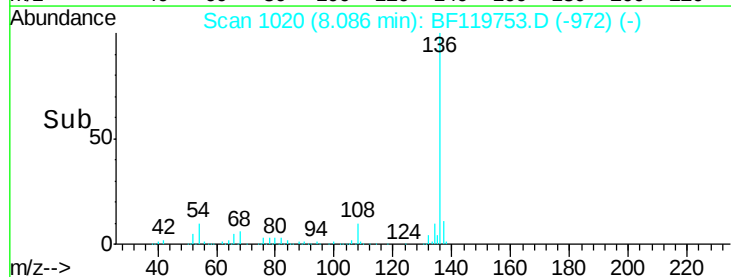
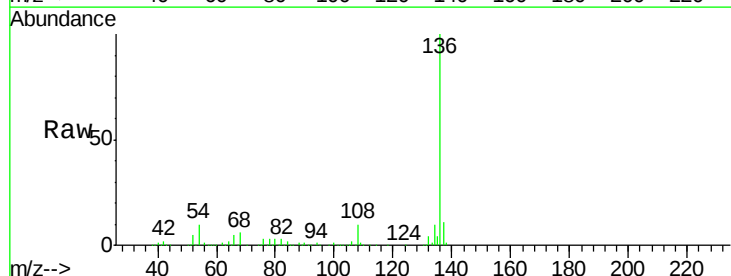
Instrument :
BNA_F
ClientSampleId :
A-1

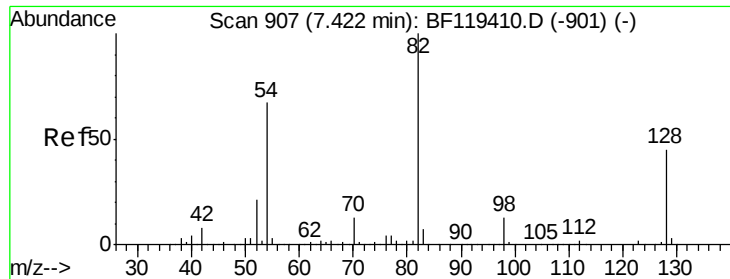
Tgt Ion: 70 Resp: 193633
Ion Ratio Lower Upper
70 100
42 51.3 54.5 81.7#
101 0.0 7.6 11.4#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119753.D
Acq: 4 Apr 2020 8:56

Tgt Ion: 136 Resp: 676676
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.2 9.1 13.7
68 6.3 4.6 6.8

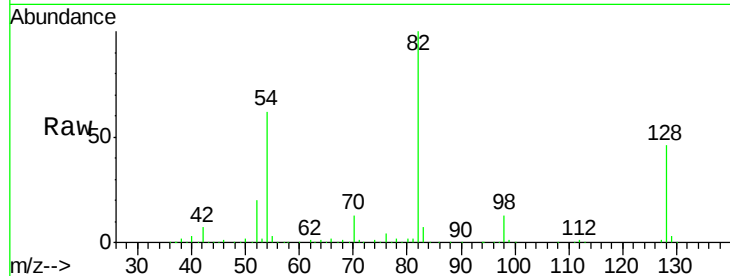




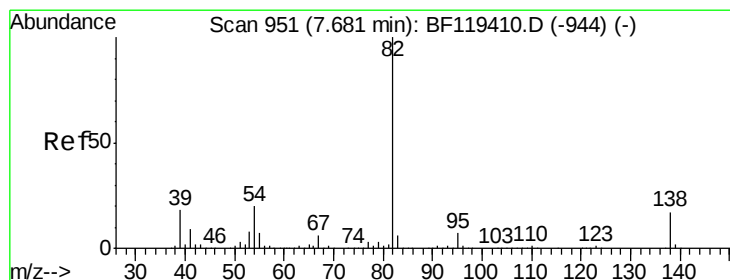
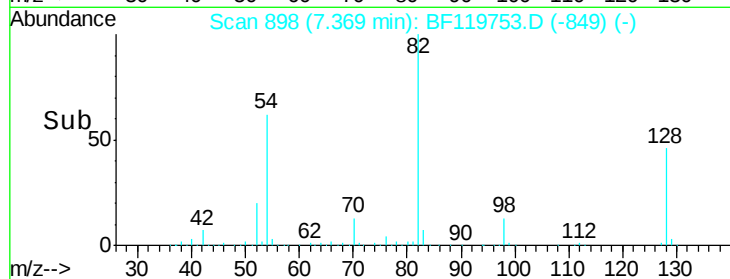
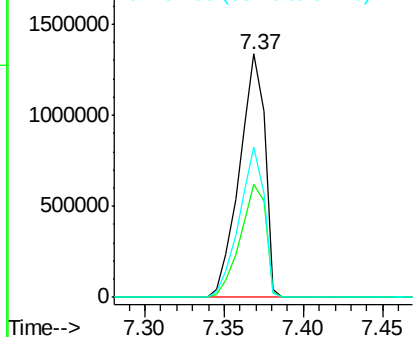
#23
 Nitrobenzene-d5
 Concen: 118.69 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Tgt Ion: 82 Resp: 1477813
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 61.6 50.6 75.8

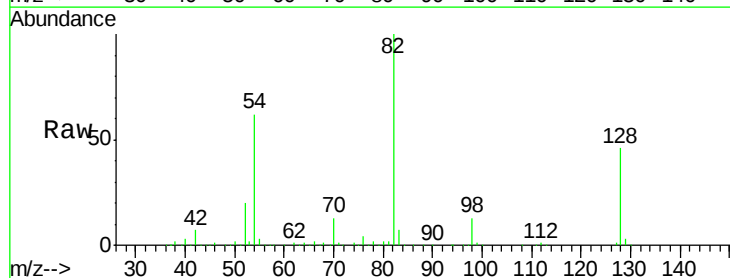


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

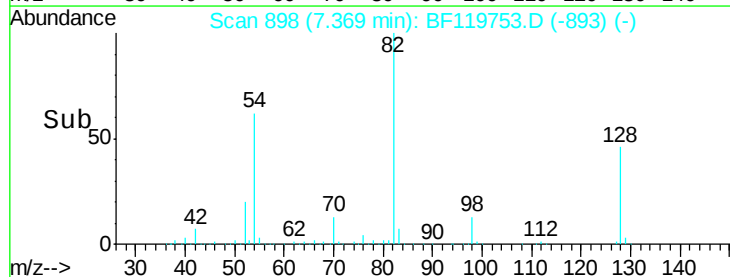
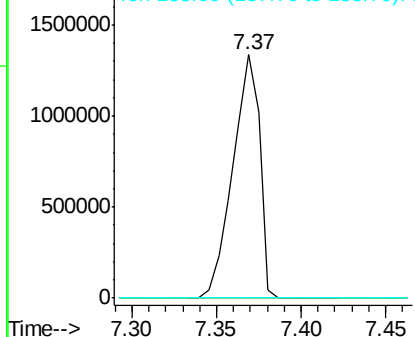


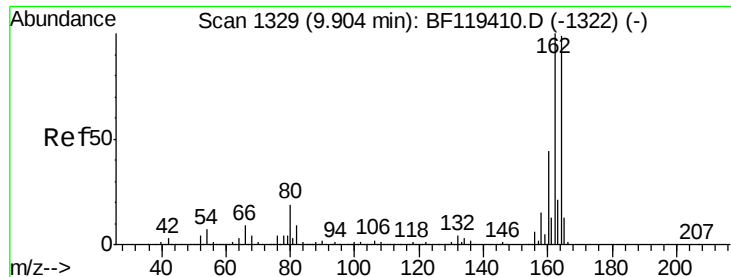
#25
 Isophorone
 Concen: 58.51 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Tgt Ion: 82 Resp: 1477778
 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

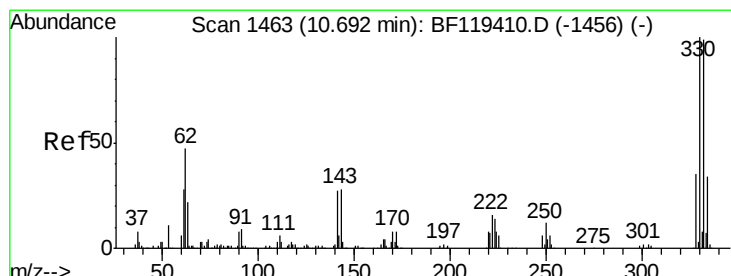
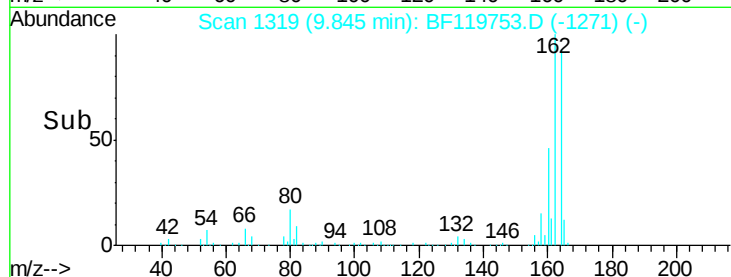
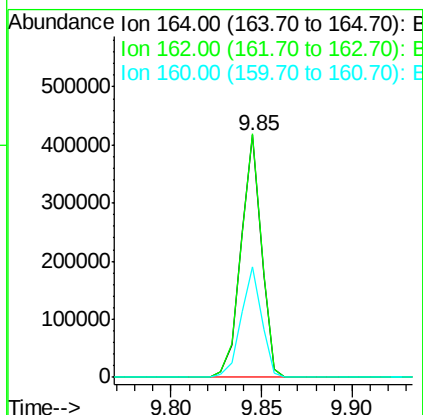
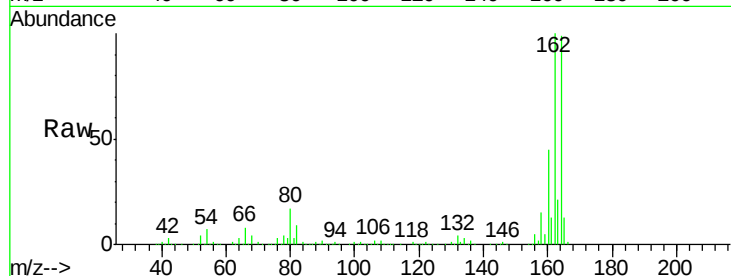




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

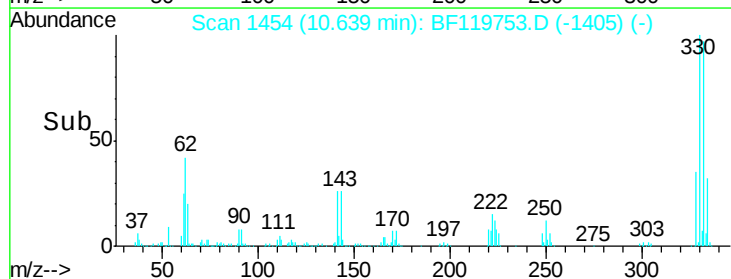
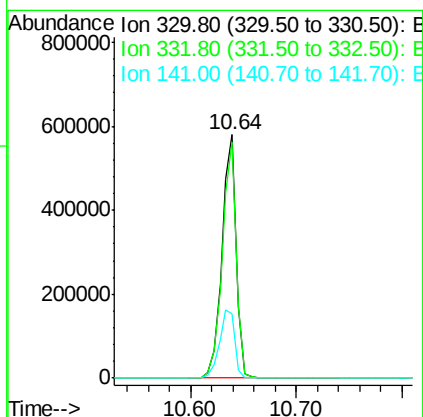
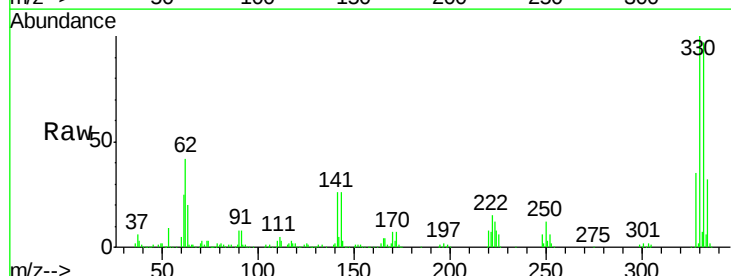
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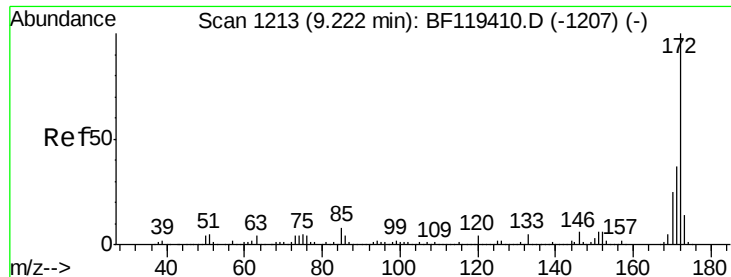
Tgt Ion:164 Resp: 326371
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 121.0
 160 45.6 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 163.13 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Tgt Ion:330 Resp: 549281
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 30.5 25.4 38.0

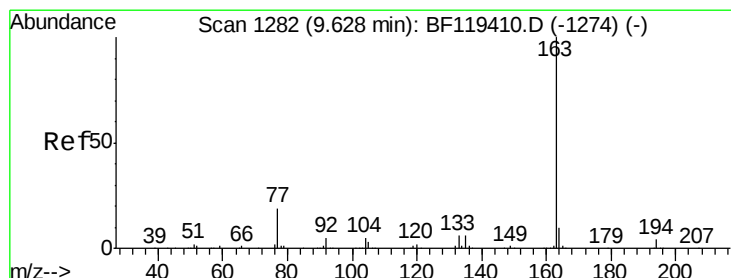
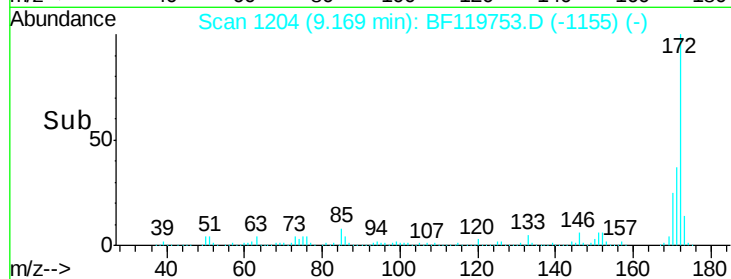
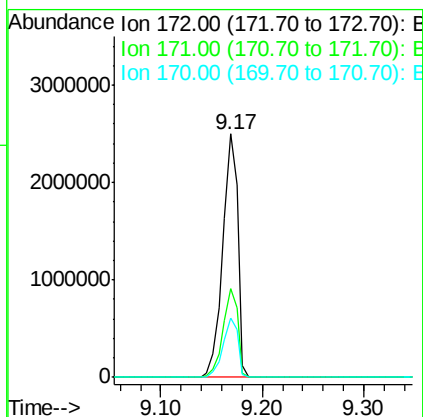
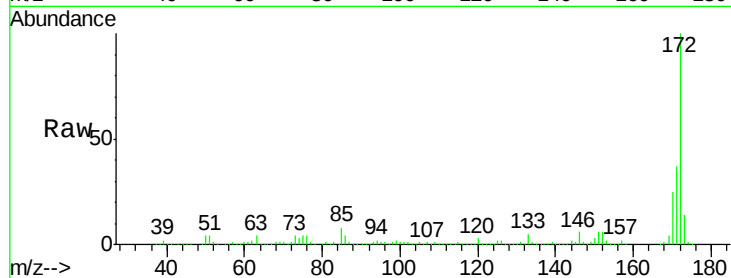




#45
 2-Fluorobiphenyl
 Concen: 116.15 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

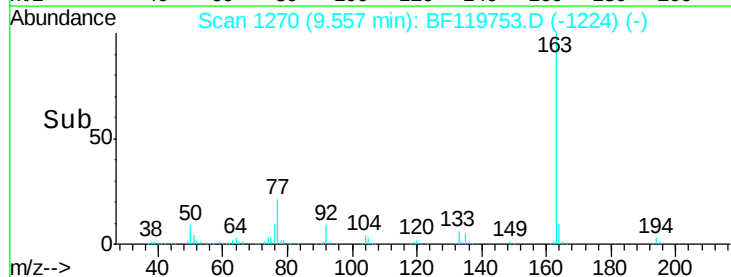
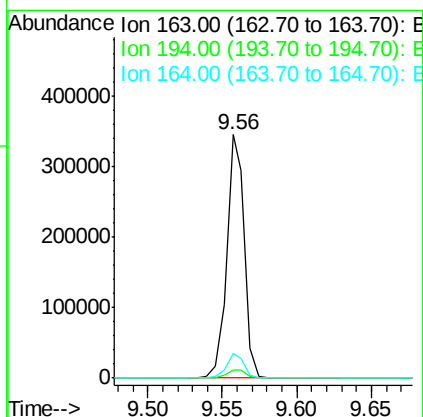
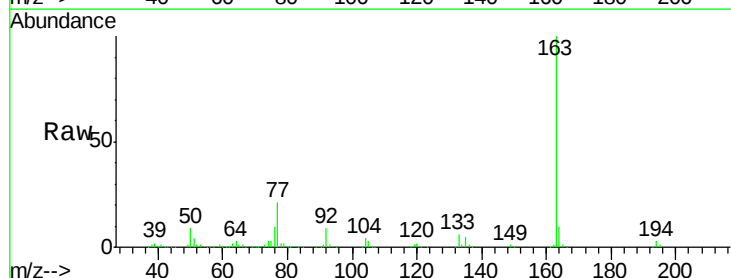
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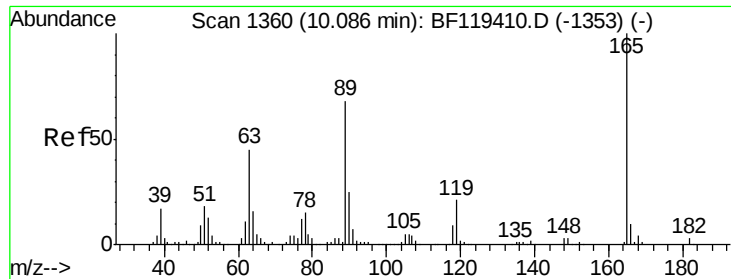
Tgt Ion:172 Resp: 2558895
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.6 20.2 30.2



#50
 Dimethylphthalate
 Concen: 12.37 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Tgt Ion:163 Resp: 286770
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.1 4.7
 164 10.1 8.2 12.2





#57

2,4-Dinitrotoluene

Concen: 6.77 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

Instrument :

BNA_F

ClientSampleId :

A-1

Tgt Ion:165 Resp: 42395

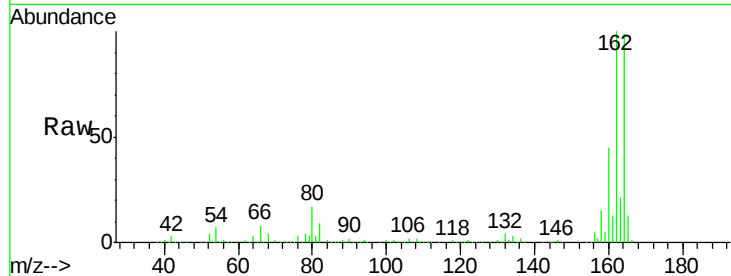
Ion Ratio Lower Upper

165 100

63 1.3 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

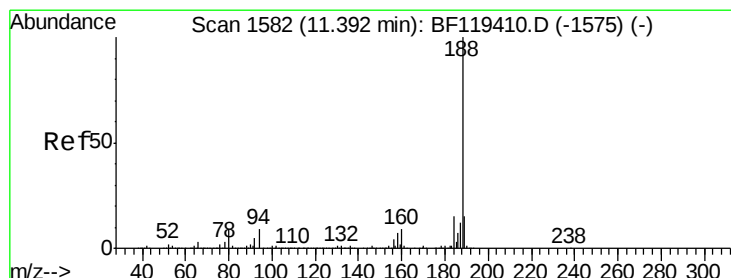
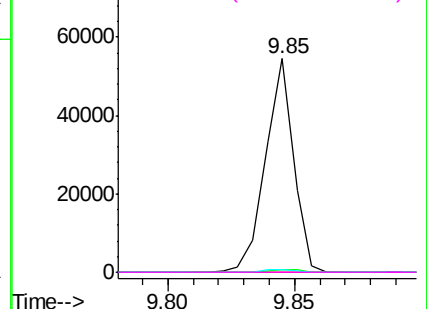
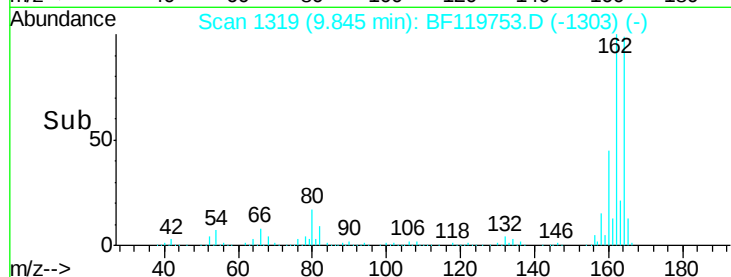


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

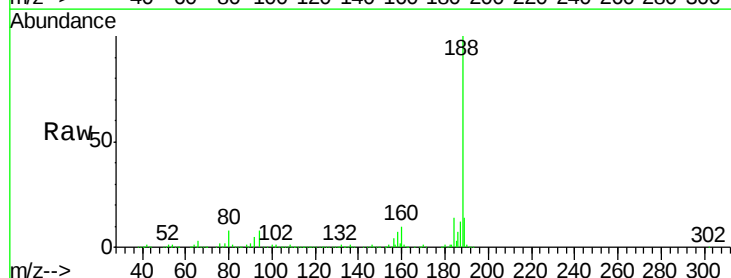
Tgt Ion:188 Resp: 530653

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

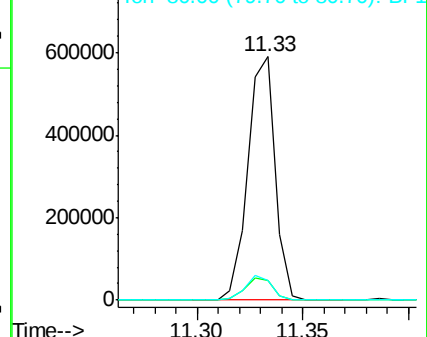
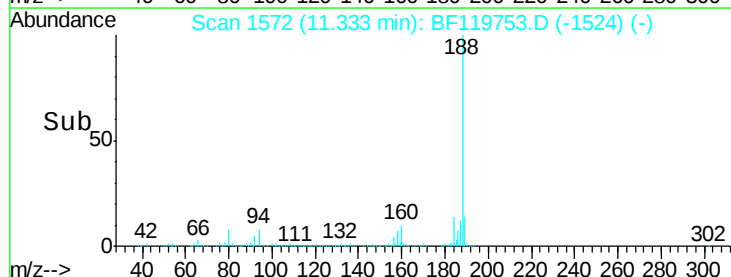
80 8.2 9.0 13.4#

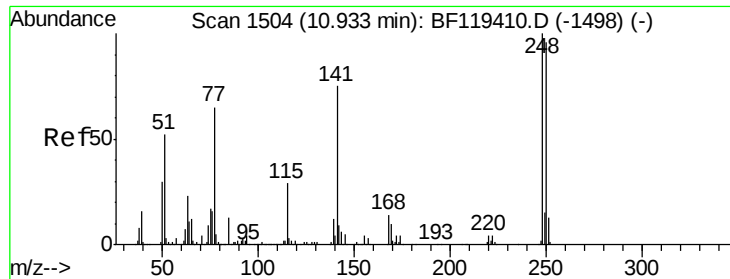


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

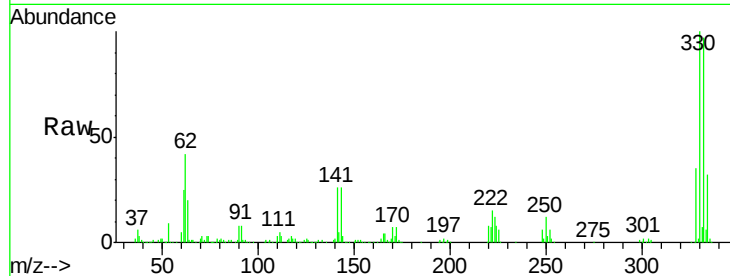




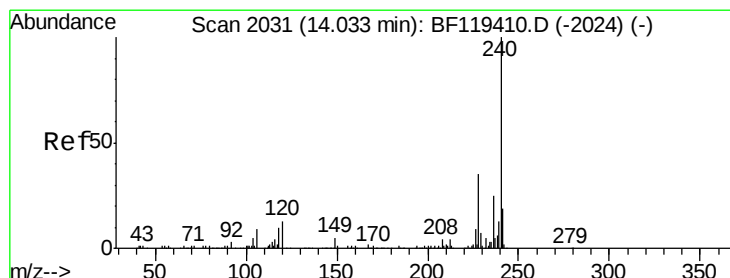
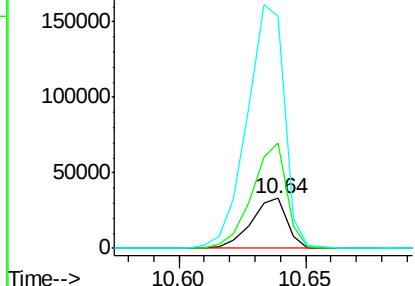
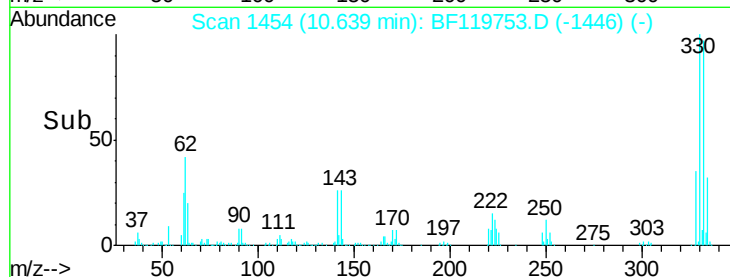
#67
 4-Bromophenyl-phenylether
 Concen: 5.38 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Tgt Ion:248 Resp: 32485
 Ion Ratio Lower Upper
 248 100
 250 210.4 77.3 115.9#
 141 464.1 58.6 87.8#

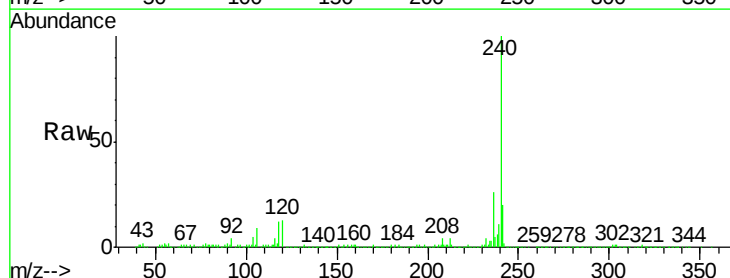


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

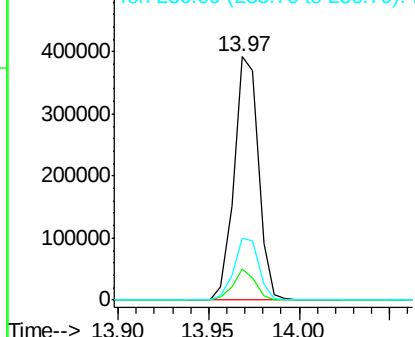
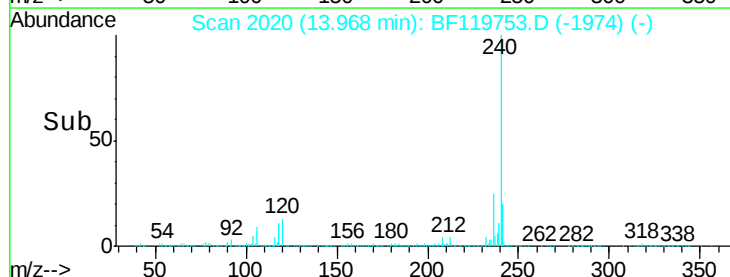


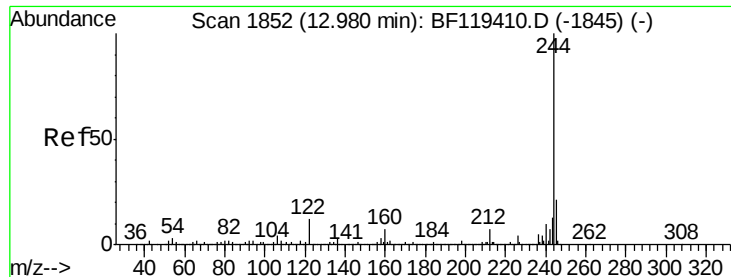
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF119753.D
 Acq: 4 Apr 2020 8:56

Tgt Ion:240 Resp: 368649
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.6 15.8
 236 25.6 20.2 30.2



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: 118.99 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

Instrument :

BNA_F

ClientSampleId :

A-1

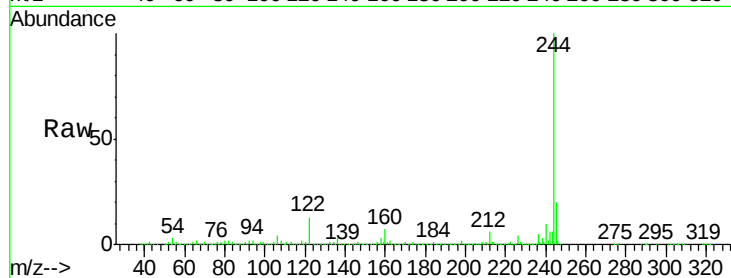
Tgt Ion:244 Resp: 2239000

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

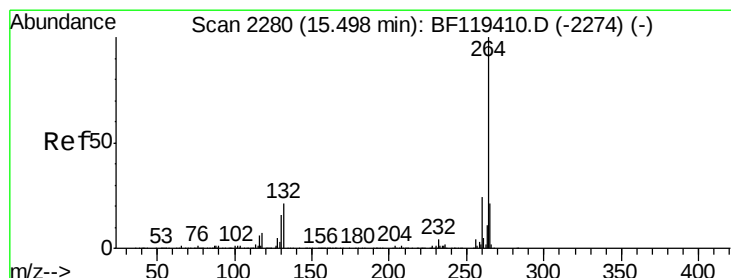
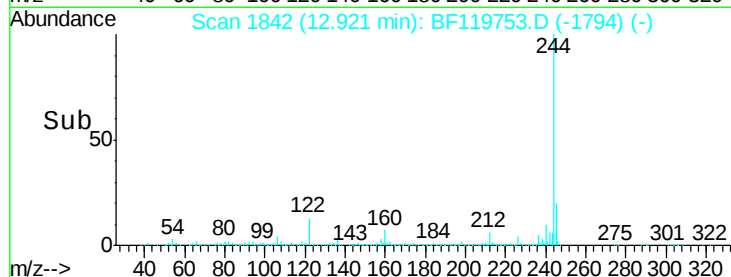
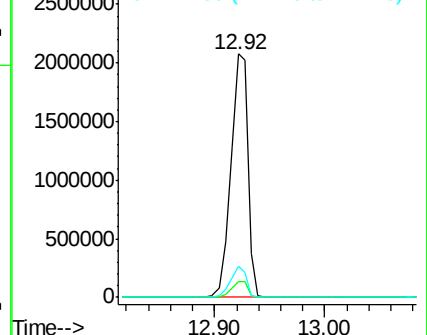
122 13.0 10.3 15.5



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: 20.00 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119753.D

Acq: 4 Apr 2020 8:56

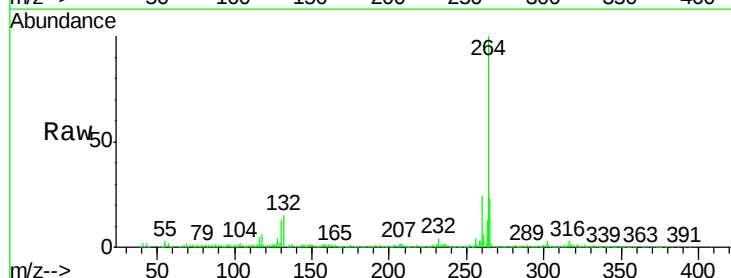
Tgt Ion:264 Resp: 337891

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.6 17.7 26.5



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

