

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119713.D
 Acq On : 3 Apr 2020 12:32
 Operator : MA/SJ
 Sample : PB127964BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BL

Quant Time: Apr 03 13:02:10 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

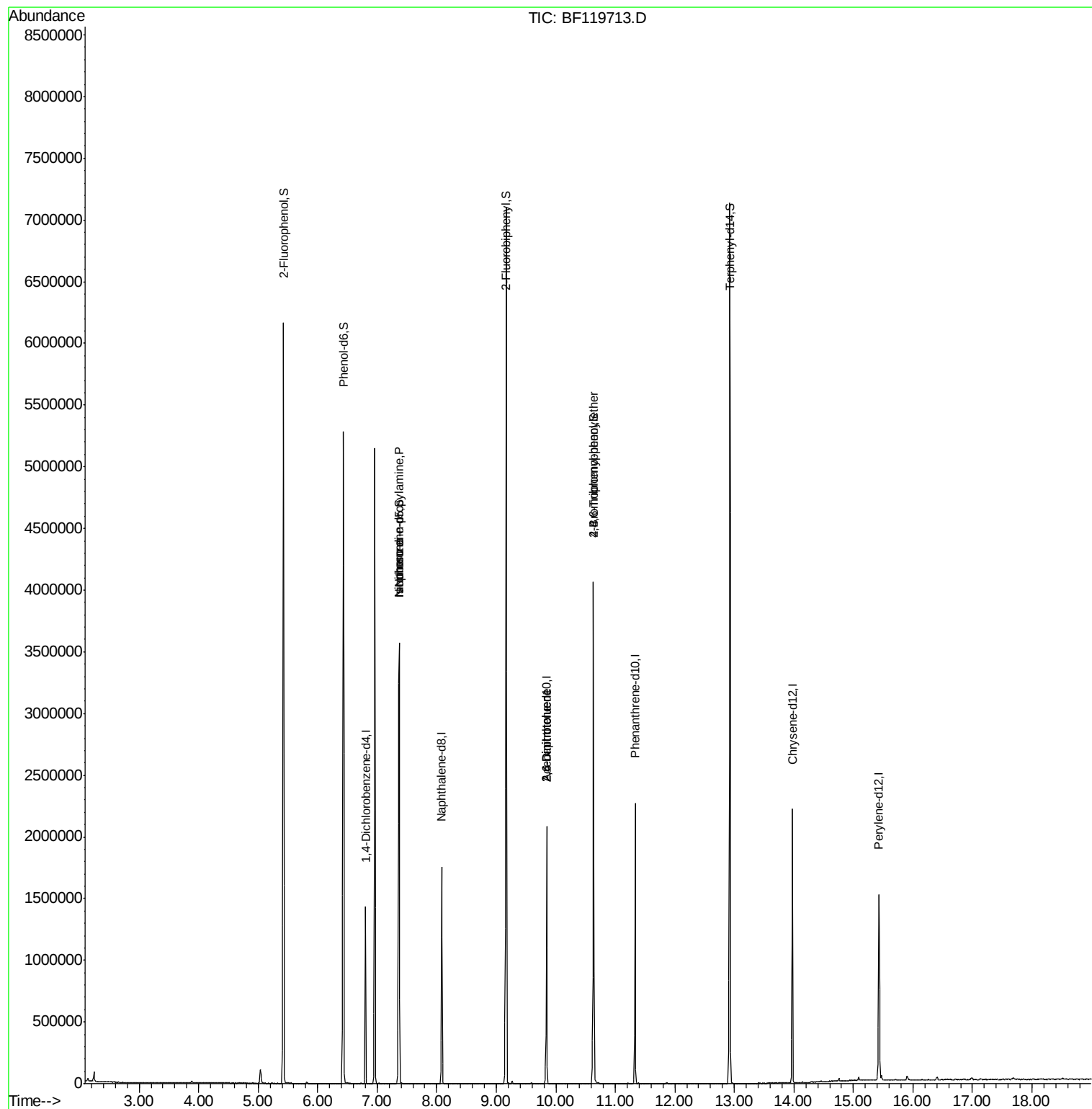
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	213259	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	804178	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	412793	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	816365	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	699619	20.00	ng	-0.02
87) Perylene-d12	15.43	264	731067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1691728	126.28	ng	0.01
7) Phenol-d6	6.43	99	2152669	125.79	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1302456	88.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	607871	142.74	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2391207	85.82	ng	-0.01
79) Terphenyl-d14	12.93	244	2881552	80.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	170932	16.571	ng	# 73
25) Isophorone	7.37	82	1299793	43.303	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	52758	8.395	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	52758	6.664	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	36341	3.909	ng	# 1

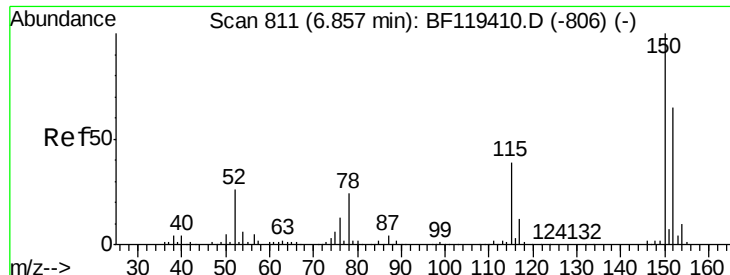
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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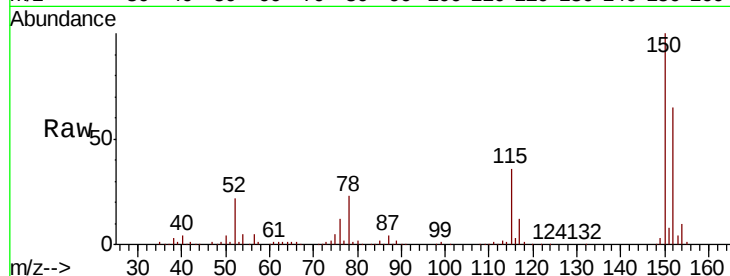


#1

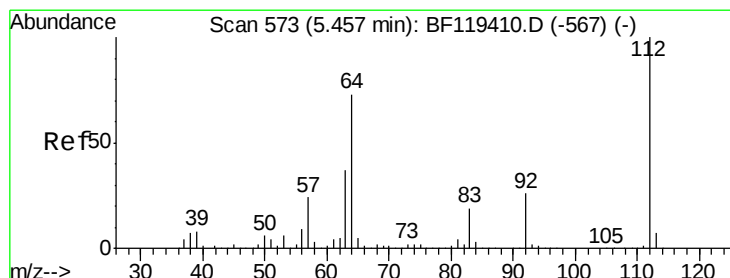
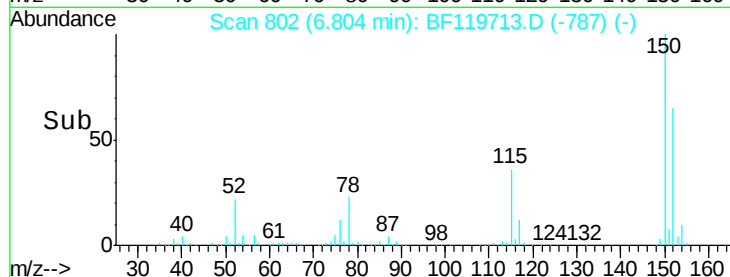
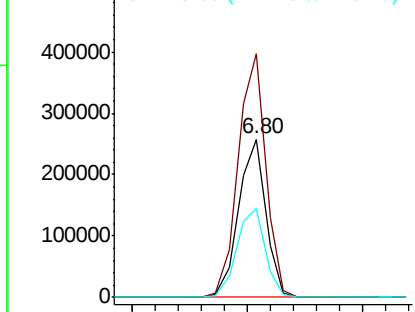
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119713.D
Acq: 3 Apr 2020 12:32

Instrument :
BNA_F
ClientSampleId :
PB127964BL

Tot Ion:152 Resp: 213259
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 55.8 49.6 74.4



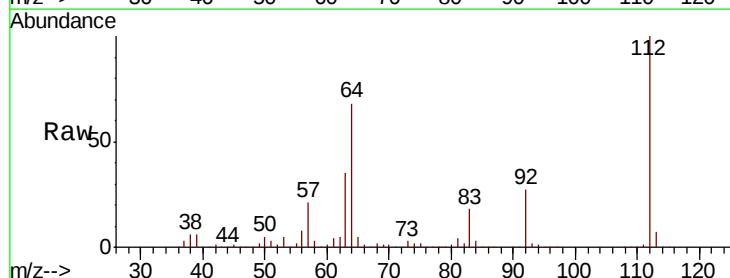
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



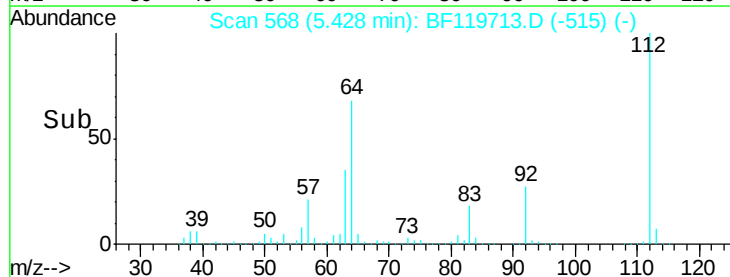
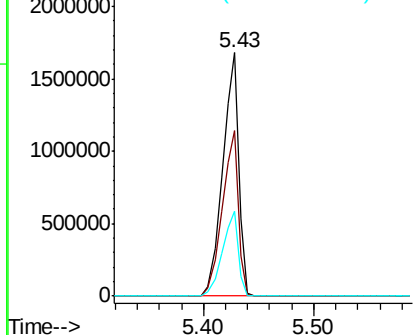
#5

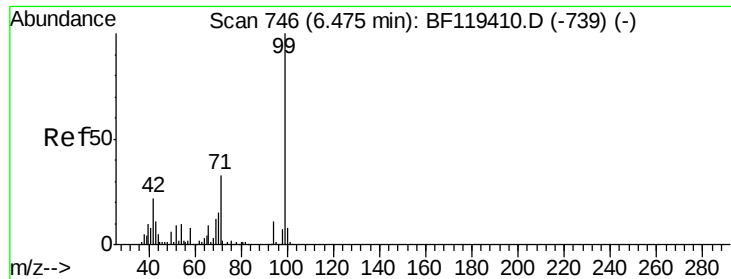
2-Fluorophenol
Concen: 126.282 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119713.D
Acq: 3 Apr 2020 12:32

Tgt Ion:112 Resp: 1691728
Ion Ratio Lower Upper
112 100
64 68.0 56.7 85.1
63 35.0 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: 125.791 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

Instrument :

BNA_F

ClientSampleId :

PB127964BL

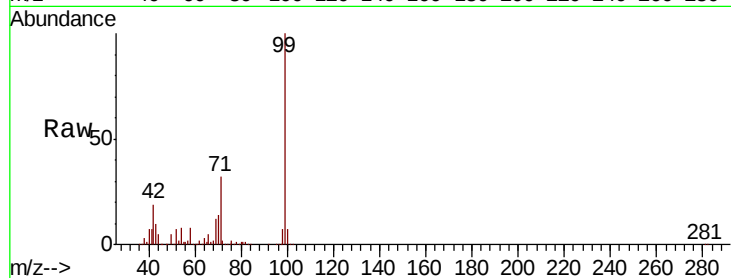
Tot Ion: 99 Resp: 2152669

Ion Ratio Lower Upper

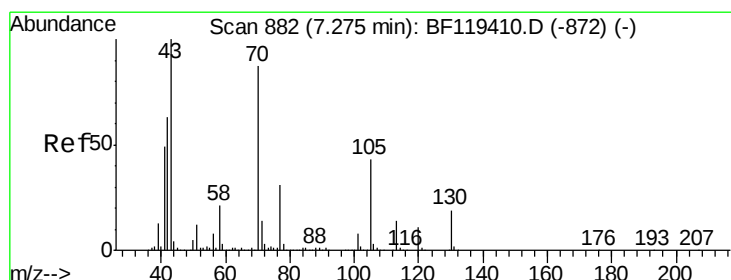
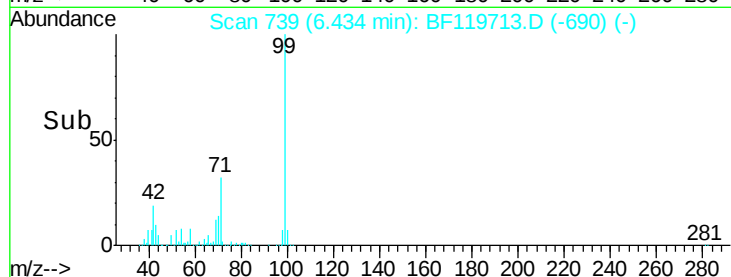
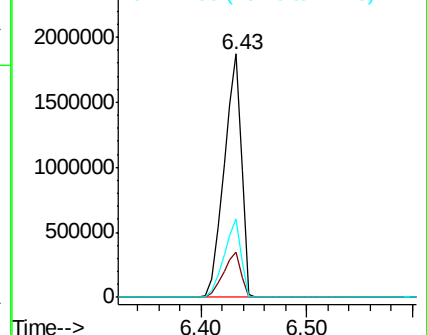
99 100

42 18.7 16.6 24.8

71 32.1 26.4 39.6



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: 16.571 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

Tgt Ion: 70 Resp: 170932

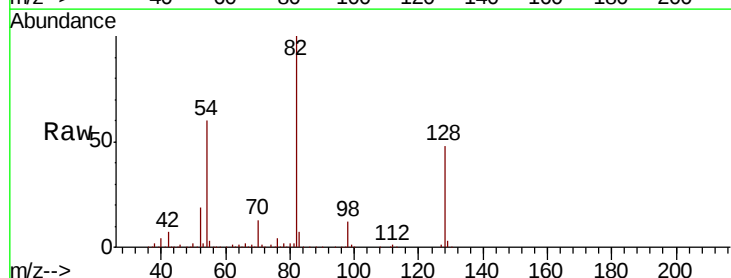
Ion Ratio Lower Upper

70 100

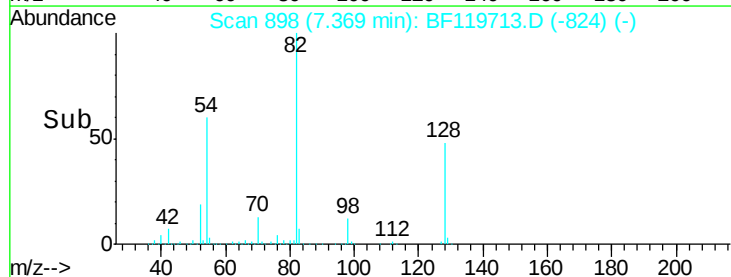
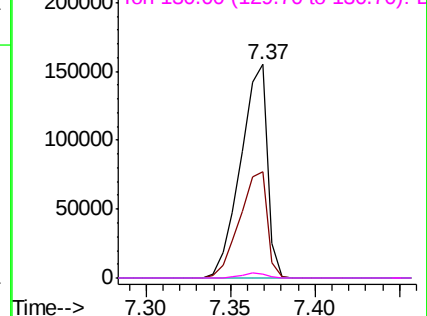
42 49.6 54.5 81.7#

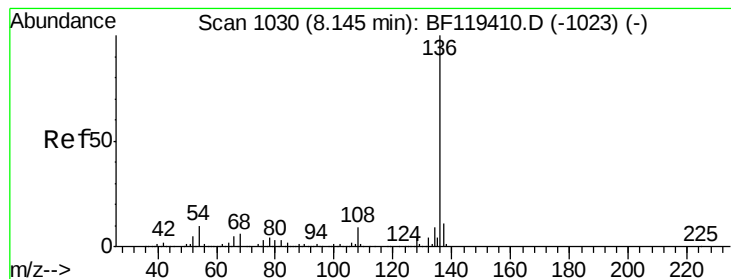
101 0.0 7.6 11.4#

130 2.0 17.6 26.4#



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

Instrument :

BNA_F

ClientSampleId :

PB127964BL

Tot Ion:136 Resp: 804178

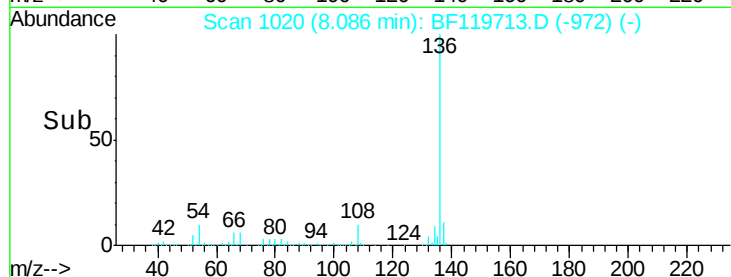
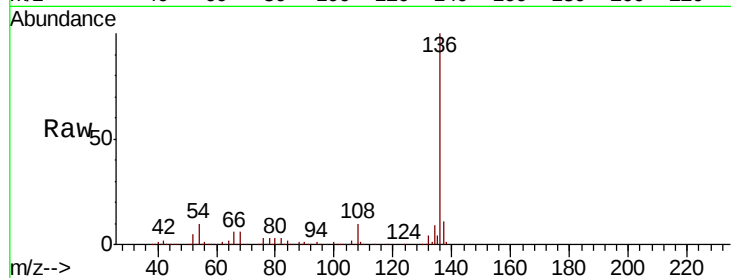
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.4 9.1 13.7

68 5.7 4.6 6.8

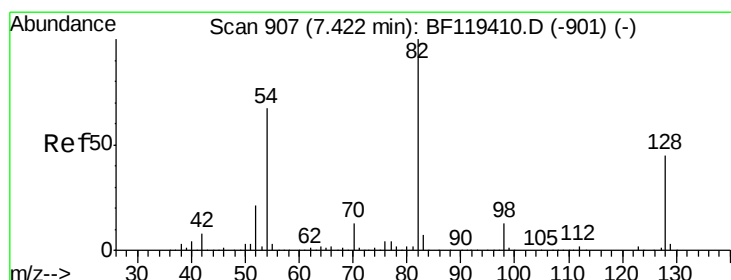
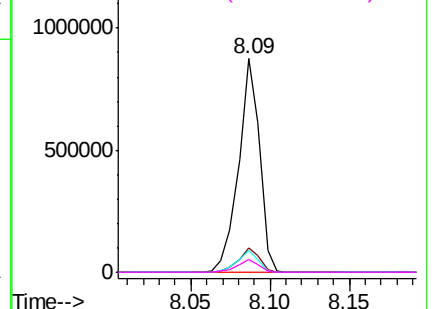


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.022 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

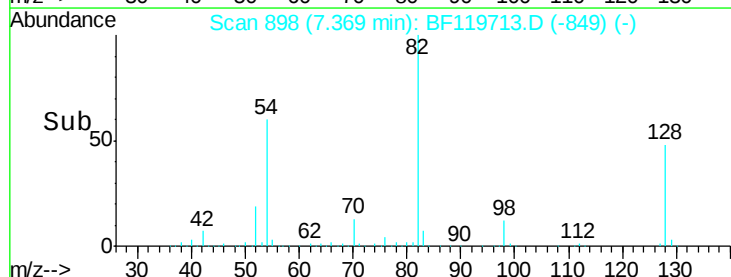
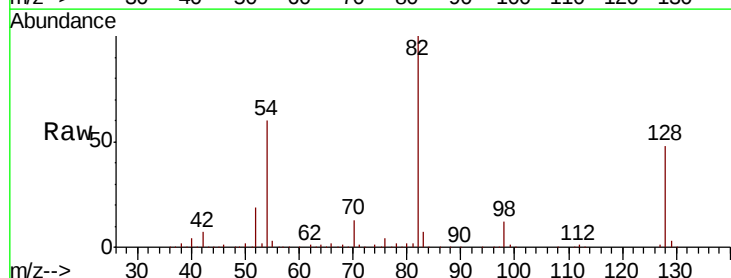
Tgt Ion: 82 Resp: 1302456

Ion Ratio Lower Upper

82 100

128 48.3 36.3 54.5

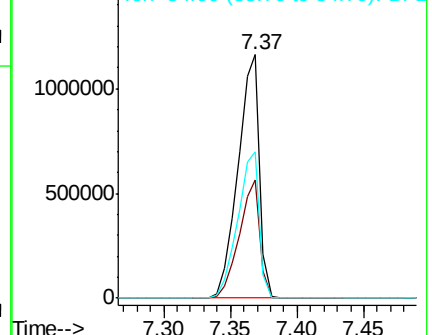
54 60.1 50.6 75.8

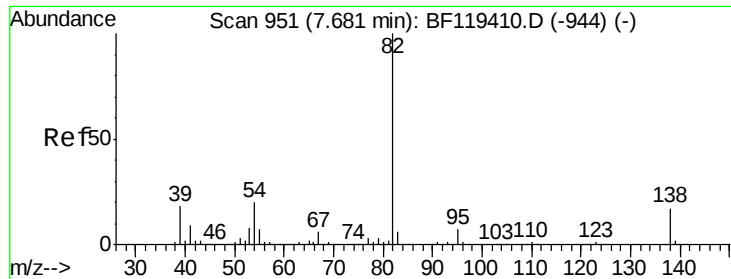


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

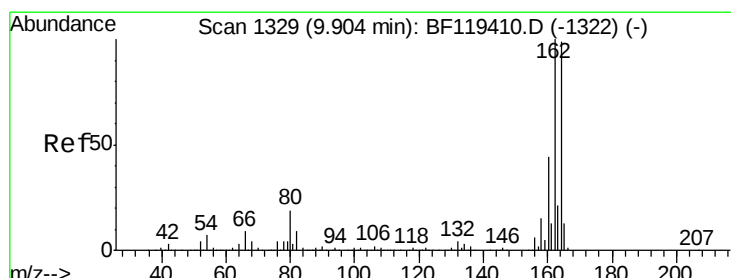
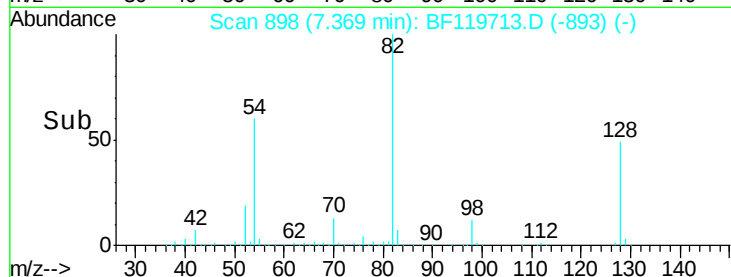
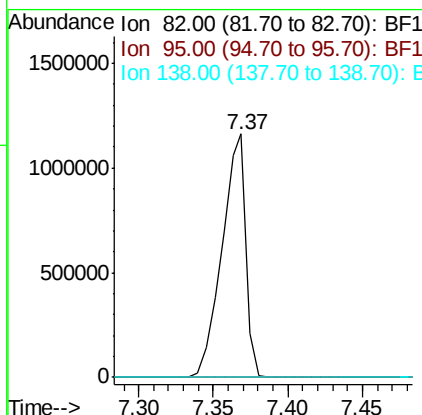
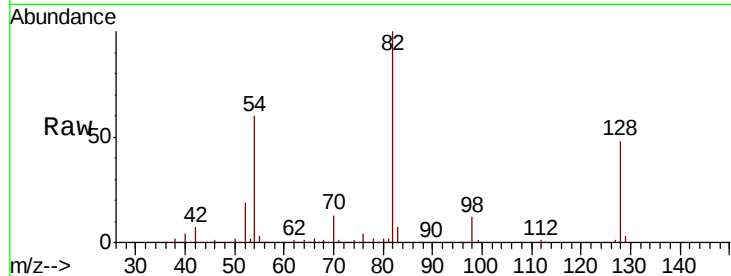




#25
Isophorone
Concen: 43.303 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF119713.D
Acq: 3 Apr 2020 12:32

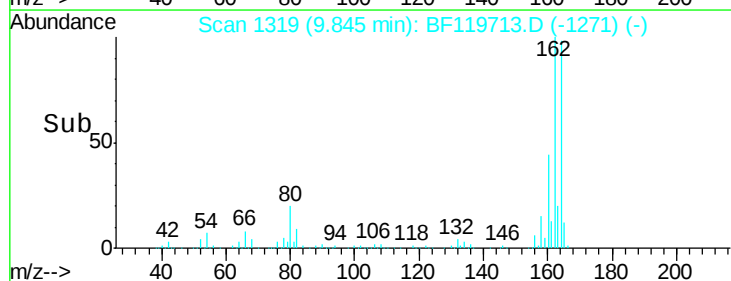
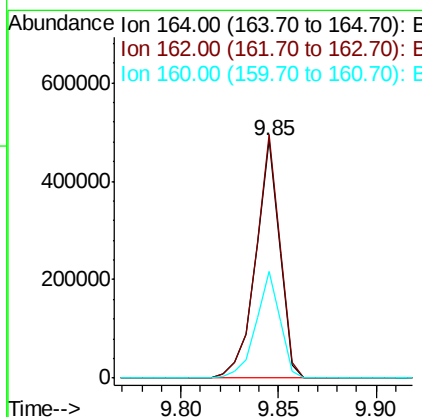
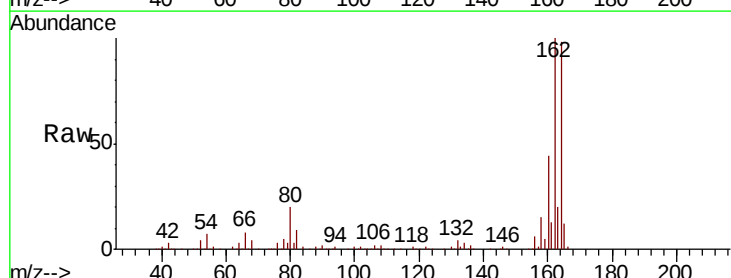
Instrument :
BNA_F
ClientSampleId :
PB127964BL

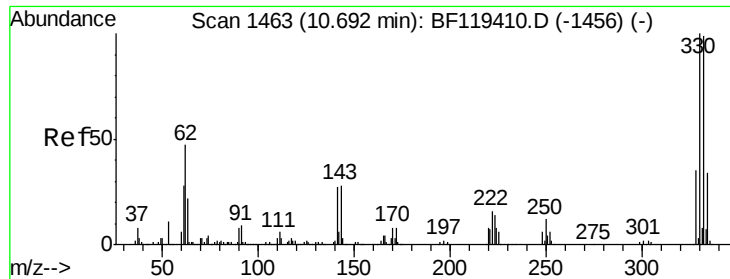
Tot Ion: 82 Resp: 1299793
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119713.D
Acq: 3 Apr 2020 12:32

Tgt Ion:164 Resp: 412793
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 142.738 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

Instrument :

BNA_F

ClientSampleId :

PB127964BL

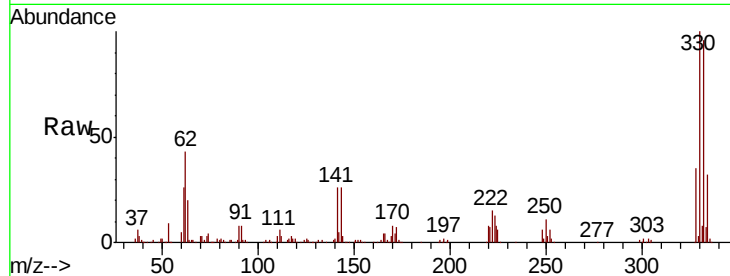
Tot Ion:330 Resp: 607871

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

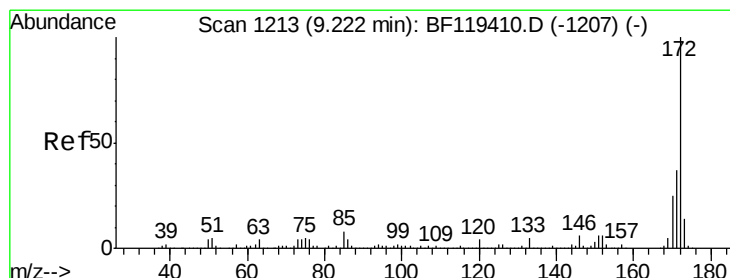
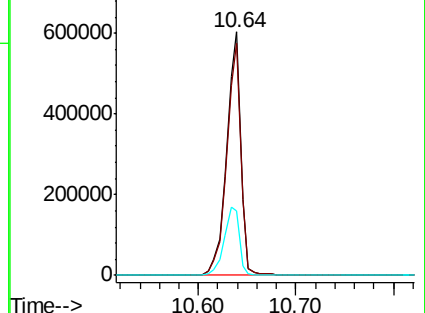
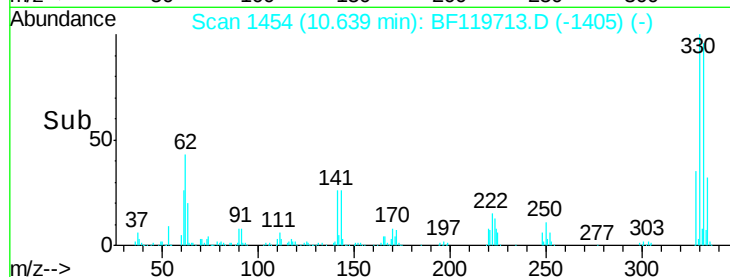
141 30.2 25.4 38.0



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: 85.818 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

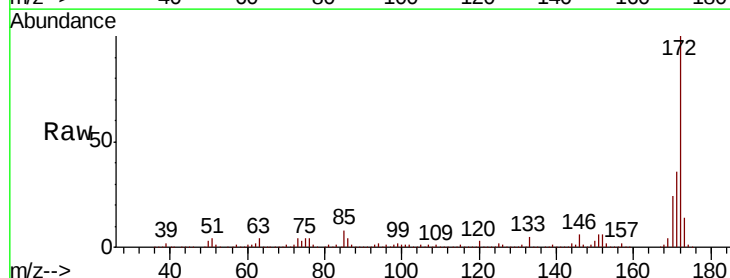
Tgt Ion:172 Resp: 2391207

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

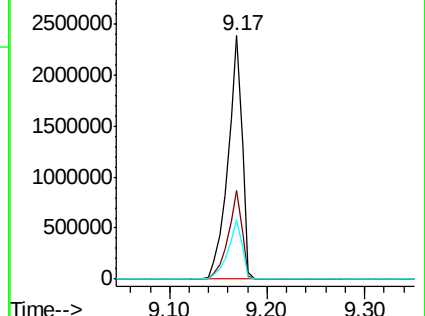
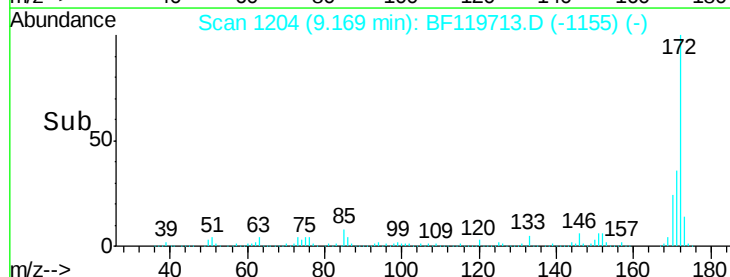
170 24.5 20.2 30.2

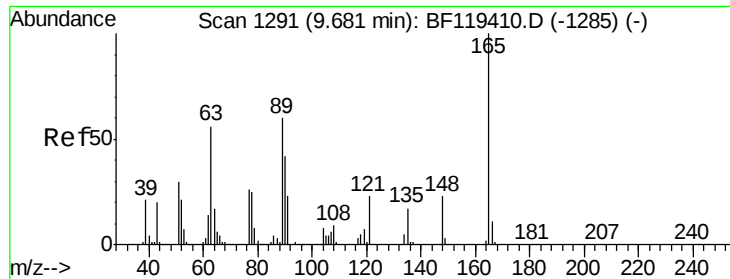


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

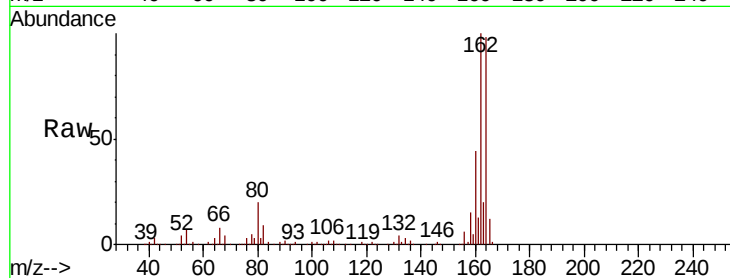




#51
 2,6-Dinitrotoluene
 Concen: 8.395 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119713.D
 Acq: 3 Apr 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BL

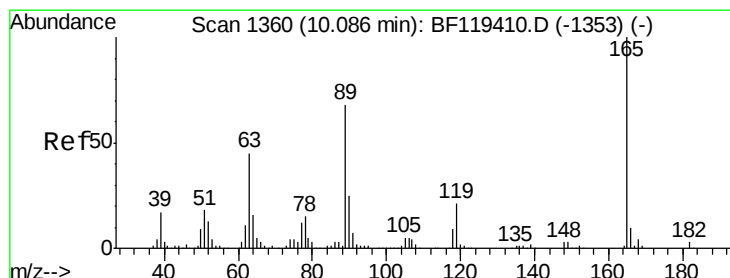
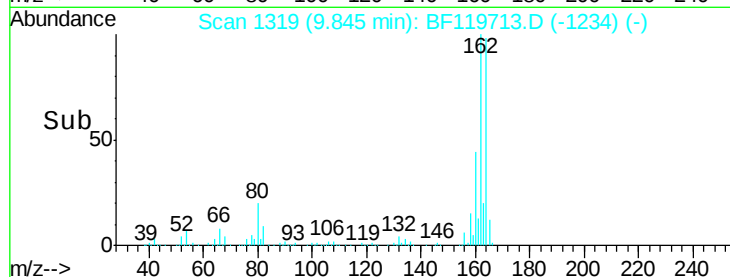
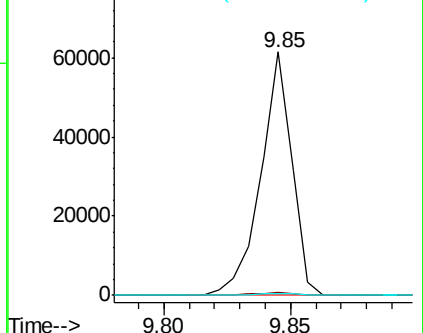
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	0.8	41.5	62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

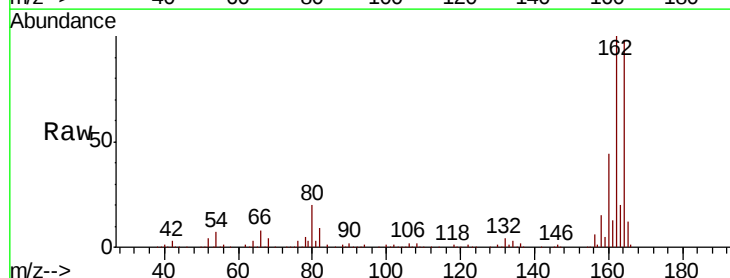
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.664 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119713.D
 Acq: 3 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.8	61.0	91.4#
182	0.0	2.2	3.2#

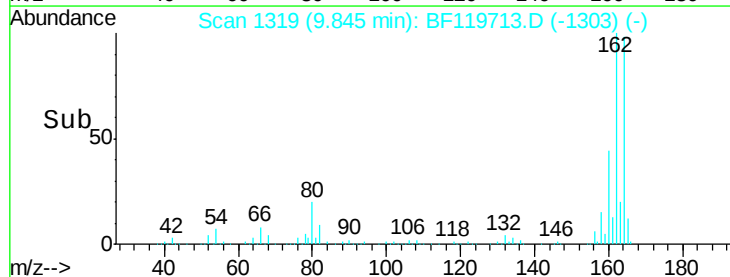
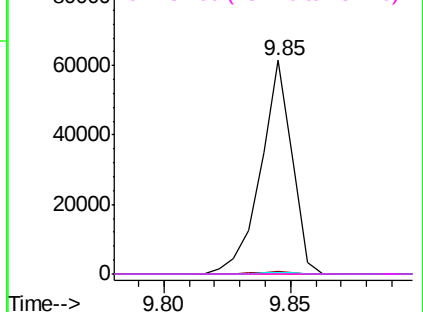


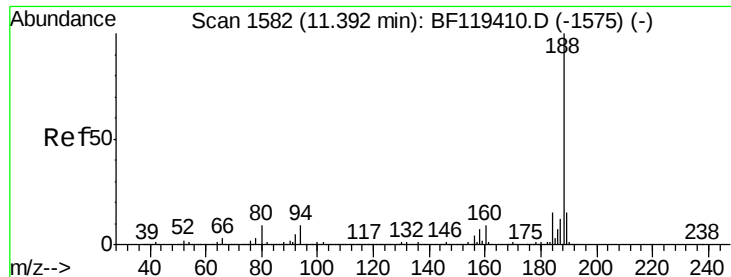
Abundance Ion 165.00 (164.70 to 165.70): E

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

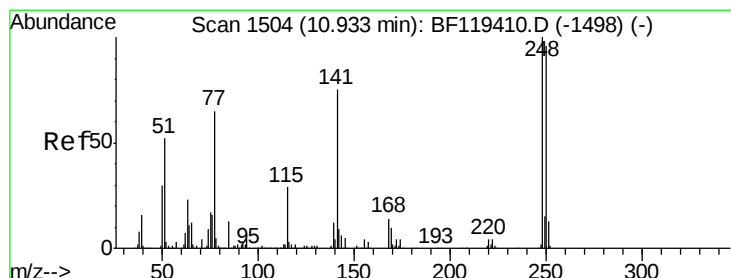
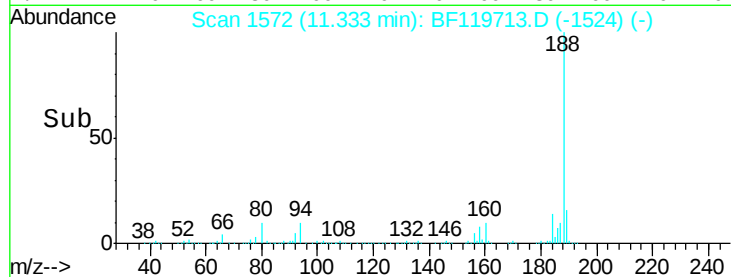
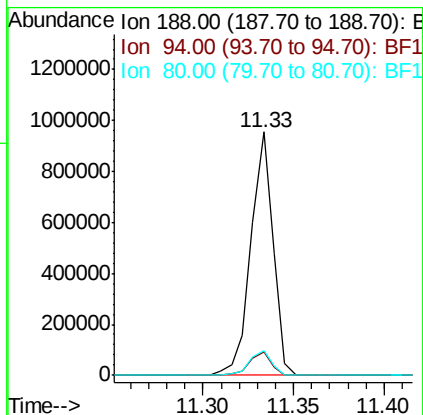
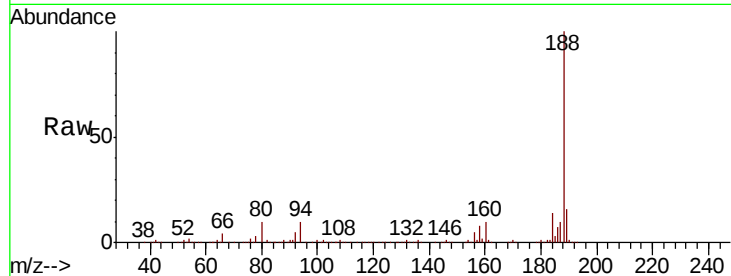




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119713.D
 Acq: 3 Apr 2020 12:32

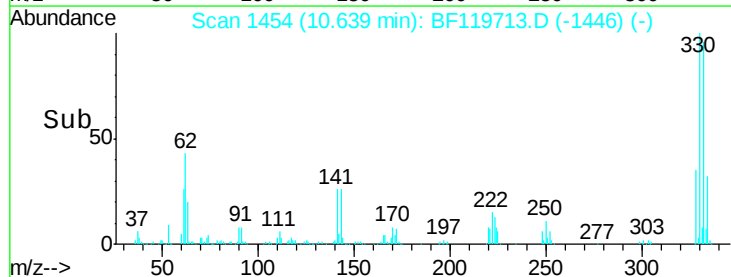
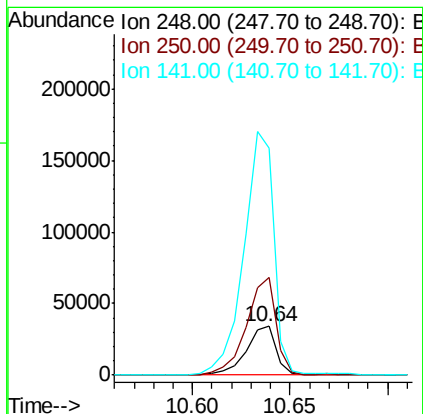
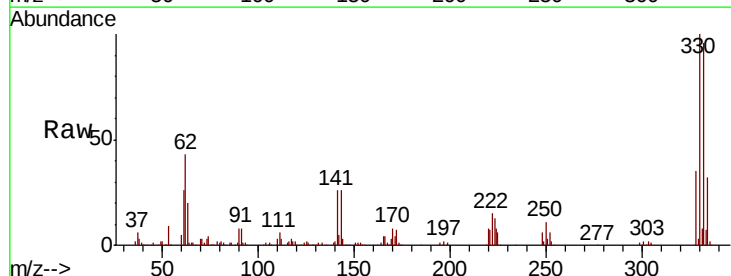
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BL

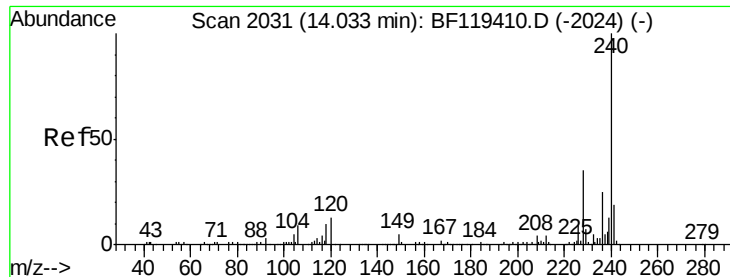
Tot Ion:188 Resp: 816365
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.5 11.3
 80 10.0 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.909 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119713.D
 Acq: 3 Apr 2020 12:32

Tgt Ion:248 Resp: 36341
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.3 115.9#
 141 468.2 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

Instrument :

BNA_F

ClientSampleId :

PB127964BL

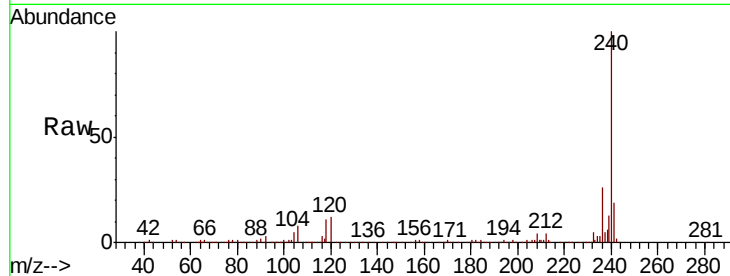
Tot Ion:240 Resp: 699619

Ion Ratio Lower Upper

240 100

120 12.4 10.6 15.8

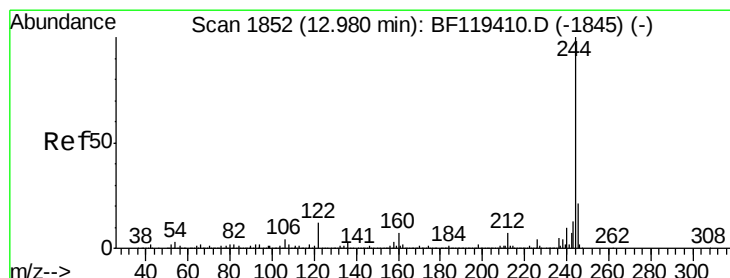
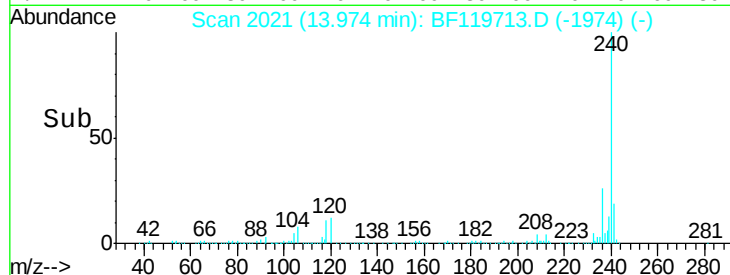
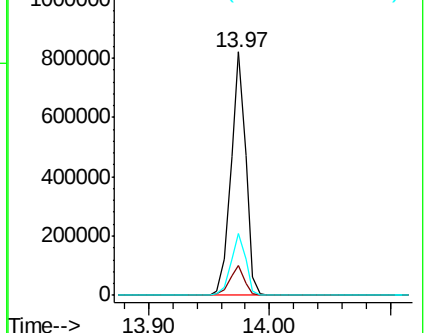
236 25.7 20.2 30.2



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: 80.695 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119713.D

Acq: 3 Apr 2020 12:32

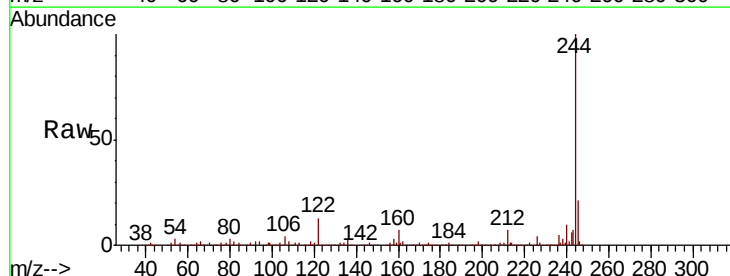
Tgt Ion:244 Resp: 2881552

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

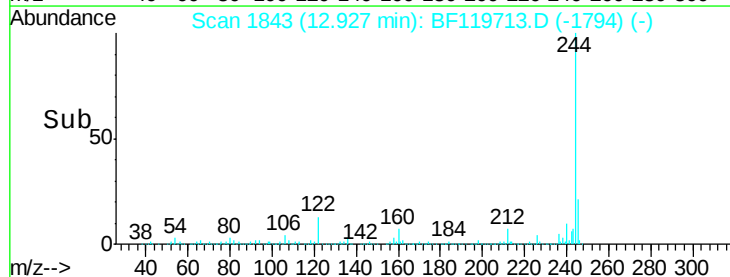
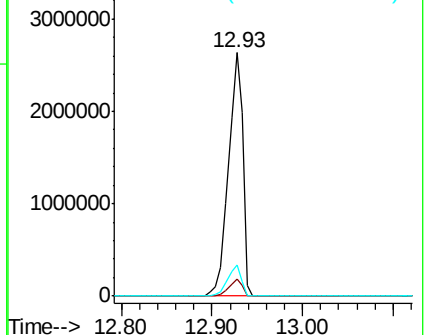
122 13.0 10.3 15.5

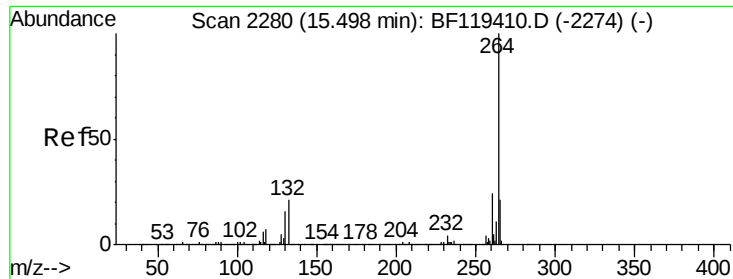


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119713.D
Acq: 3 Apr 2020 12:32

Instrument :
BNA_F
ClientSampleId :
PB127964BL

Tot Ion:264 Resp: 731067

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.7	26.5

