

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119873.D
 Acq On : 9 Apr 2020 16:57
 Operator : MA/SJ
 Sample : L2172-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1

Quant Time: Apr 10 01:06:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

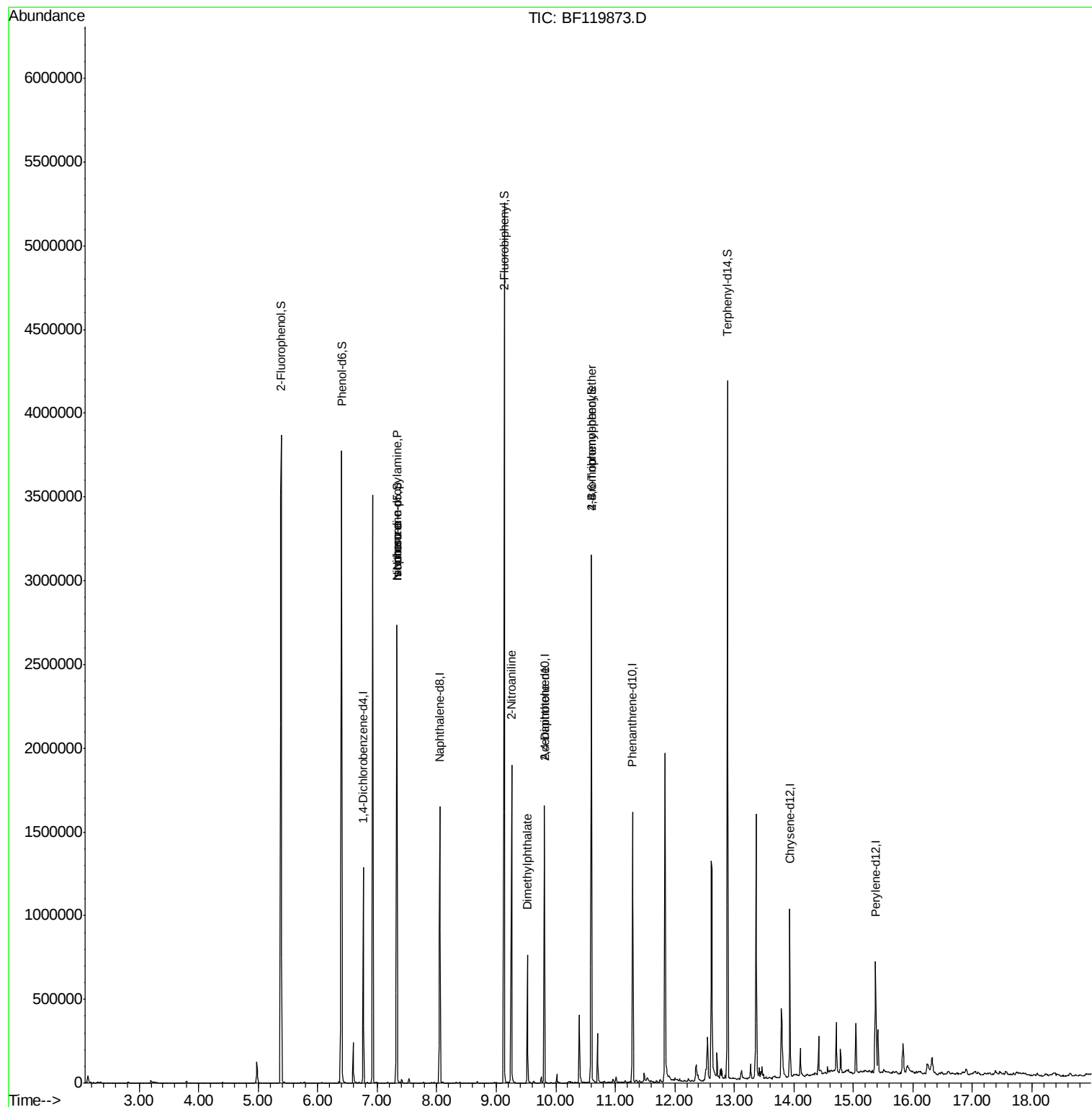
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	189356	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	659440	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	318170	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	559696	20.00	ng	0.00
76) Chrysene-d12	13.93	240	327678	20.00	ng	0.00
87) Perylene-d12	15.37	264	319463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1055492	96.33	ng	0.01
7) Phenol-d6	6.40	99	1360217	96.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	850832	66.75	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	354501	91.00	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1585700	70.76	ng	0.00
79) Terphenyl-d14	12.89	244	1412007	72.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	1900	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	111566	12.29 ng	#	75
25) Isophorone	7.33	82	846138	34.43 ng	#	65
48) 2-Nitroaniline	9.26	65	20776	2.77 ng	#	15
50) Dimethylphthalate	9.53	163	286453	11.64 ng		98
57) 2,4-Dinitrotoluene	9.81	165	40598	5.72 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	21584	3.10 ng	#	1

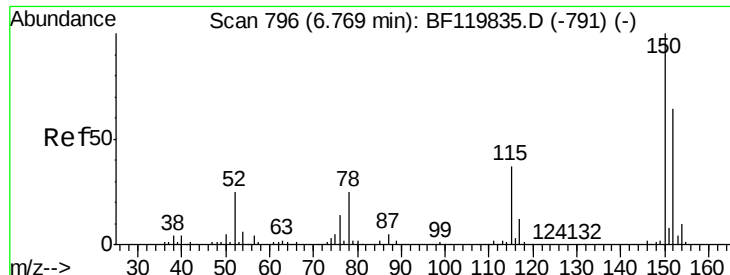
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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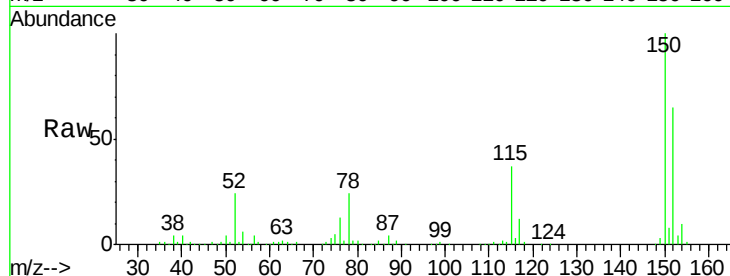


#1

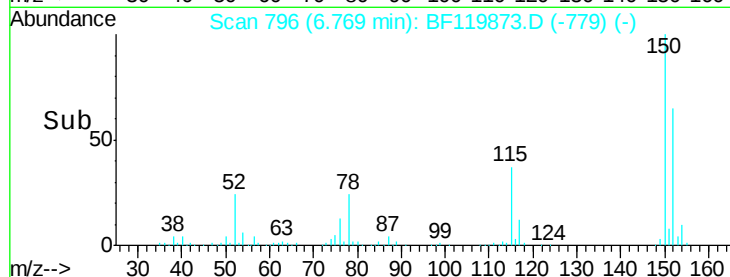
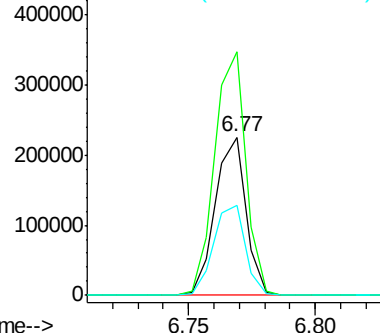
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

Instrument :
BNA_F
ClientSampled :
CC-1

Tgt Ion:152 Resp: 189356
Ion Ratio Lower Upper
152 100
150 154.2 124.8 187.2
115 57.1 46.5 69.7



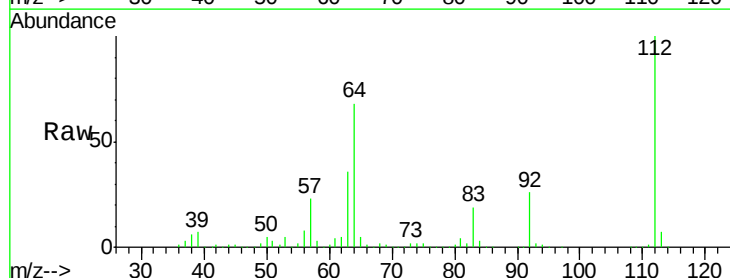
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



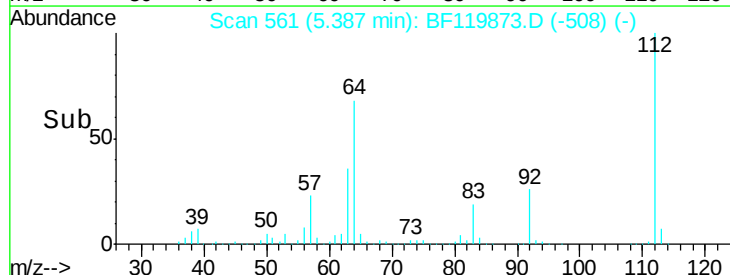
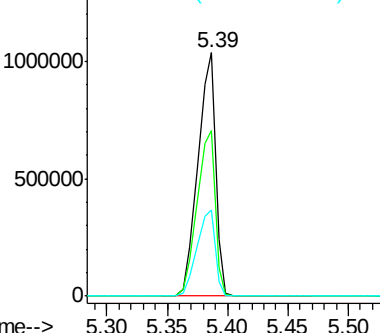
#5

2-Fluorophenol
Concen: 96.33 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

Tgt Ion:112 Resp: 1055492
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 35.6 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: 96.34 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119873.D

Acq: 9 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

CC-1

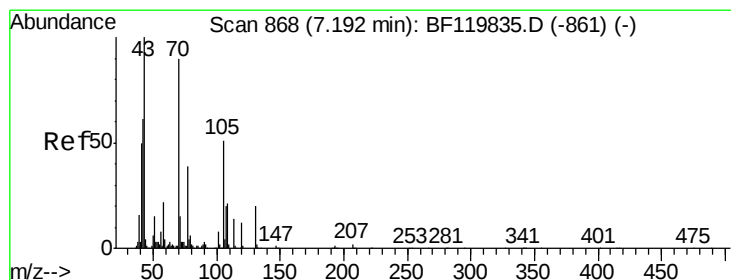
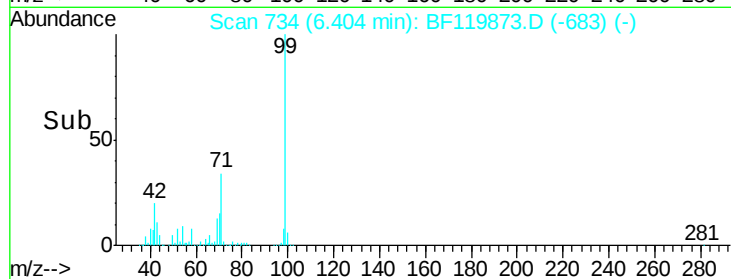
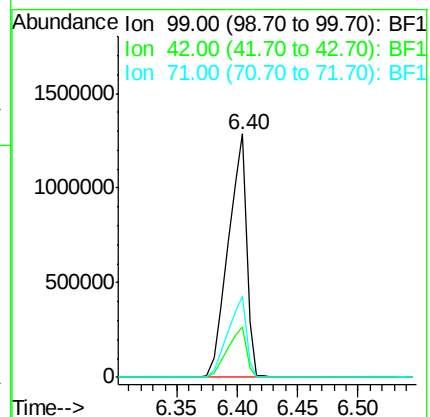
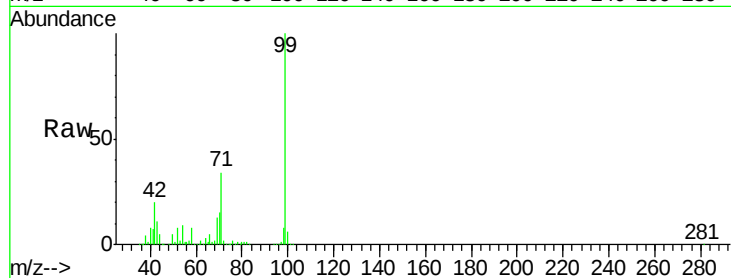
Tgt Ion: 99 Resp: 1360217

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

71 33.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.29 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119873.D

Acq: 9 Apr 2020 16:57

Tgt Ion: 70 Resp: 111566

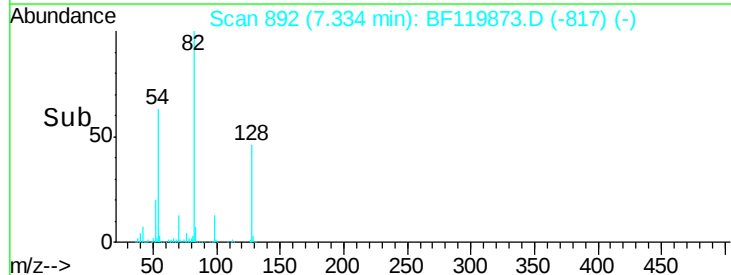
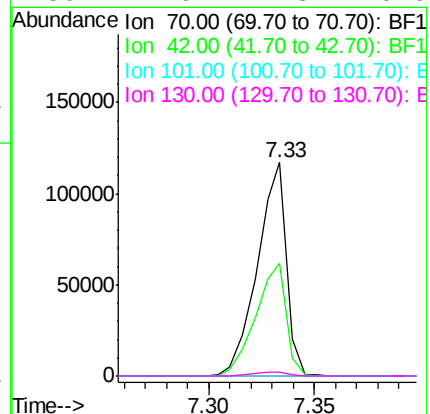
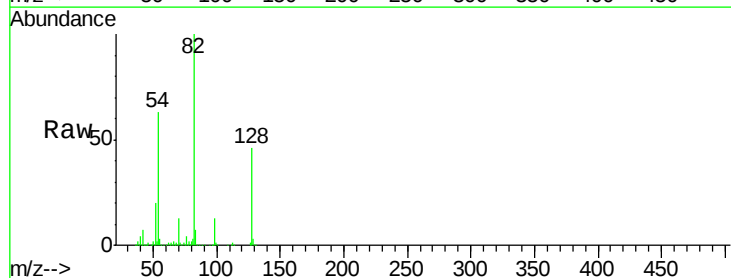
Ion Ratio Lower Upper

70 100

42 52.5 54.2 81.4#

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

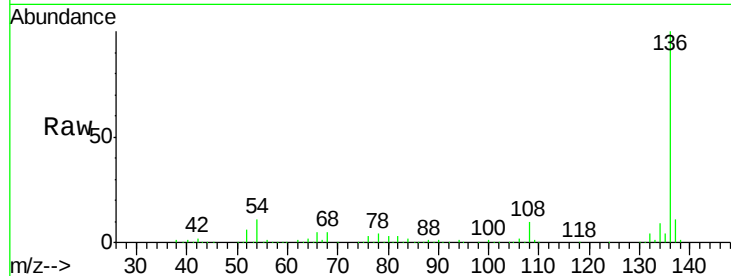




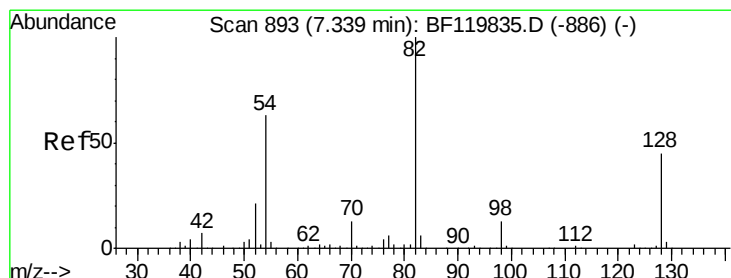
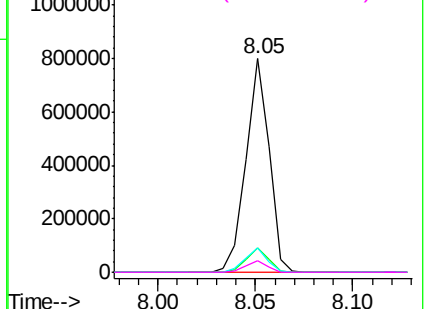
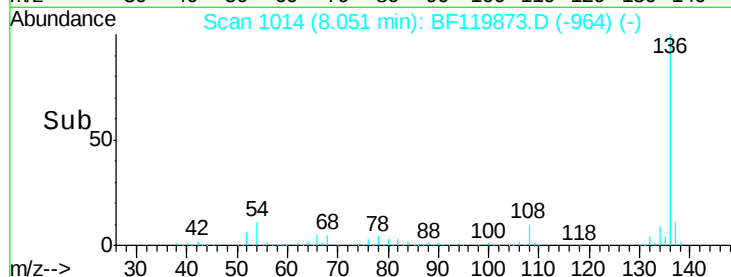
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

Instrument :
BNA_F
ClientSampleId :
CC-1

Tgt Ion:	136	Resp:	659440
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.4	8.5	12.7
68	5.5	3.9	5.9

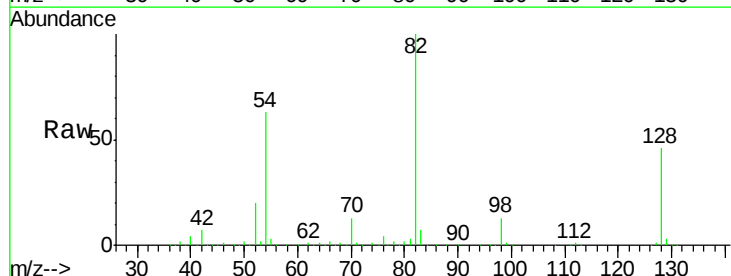


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

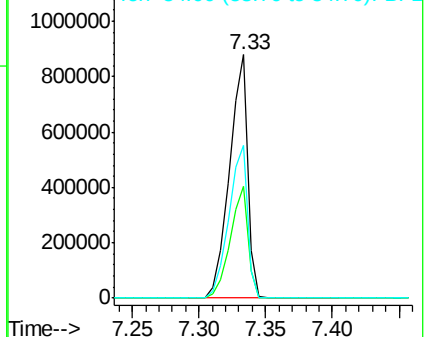
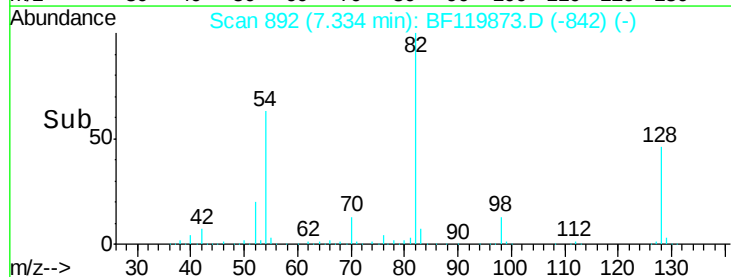


#23
Nitrobenzene-d5
Concen: 66.75 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

Tgt Ion:	82	Resp:	850832
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.2	54.4
54	62.7	50.4	75.6



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: 34.43 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119873.D

Acq: 9 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

CC-1

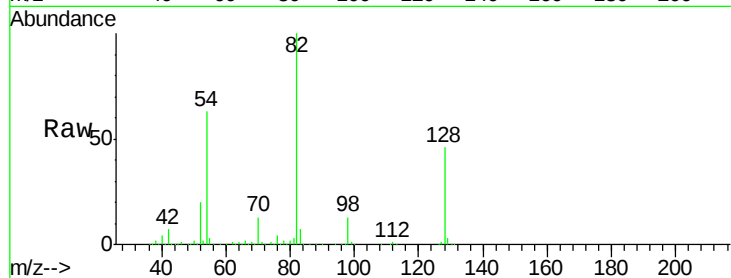
Tgt Ion: 82 Resp: 846138

Ion Ratio Lower Upper

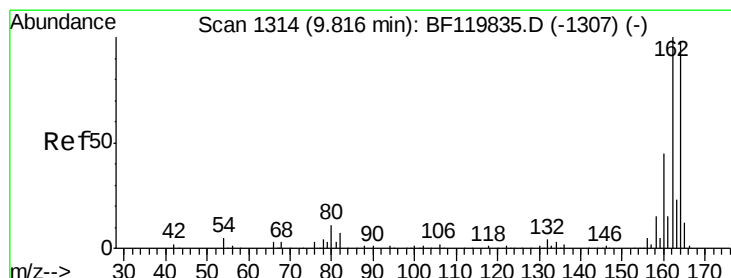
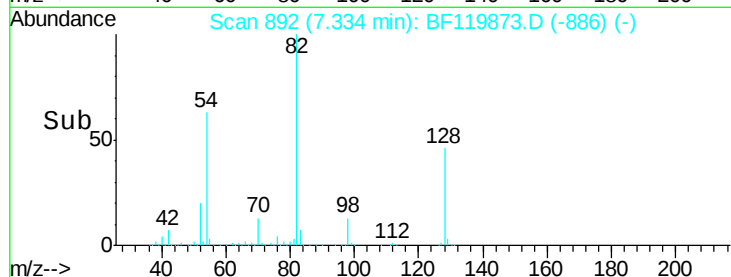
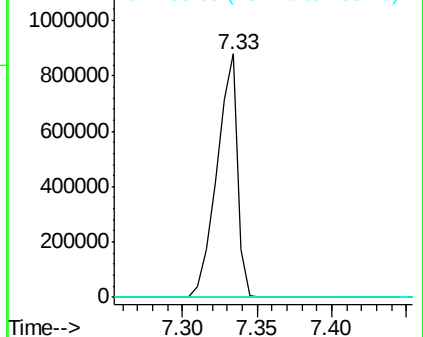
82 100

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: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119873.D

Acq: 9 Apr 2020 16:57

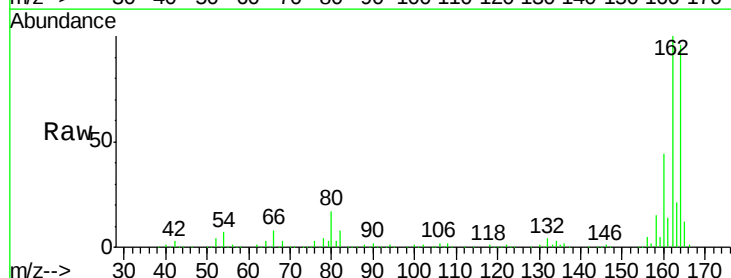
Tgt Ion: 164 Resp: 318170

Ion Ratio Lower Upper

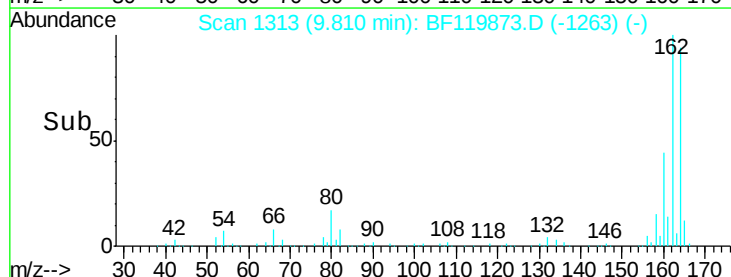
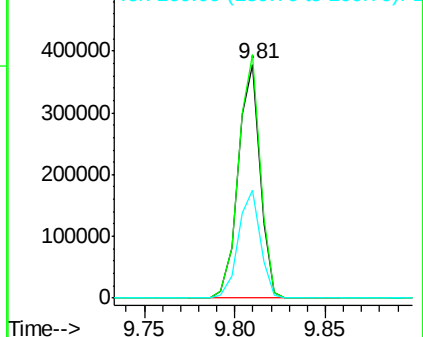
164 100

162 104.3 81.9 122.9

160 46.3 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

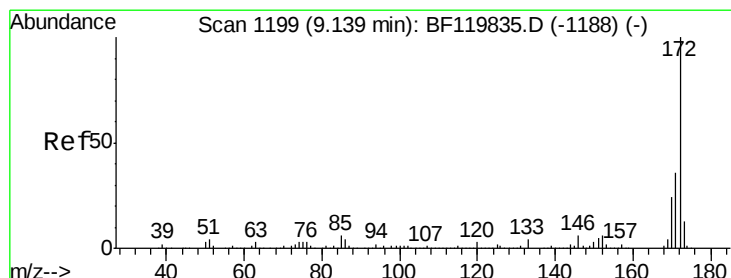
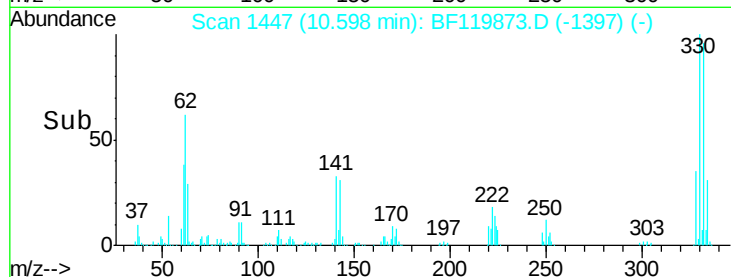
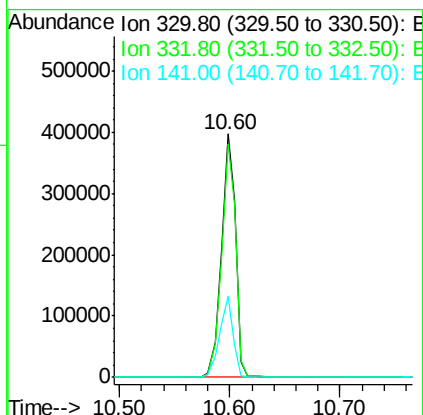
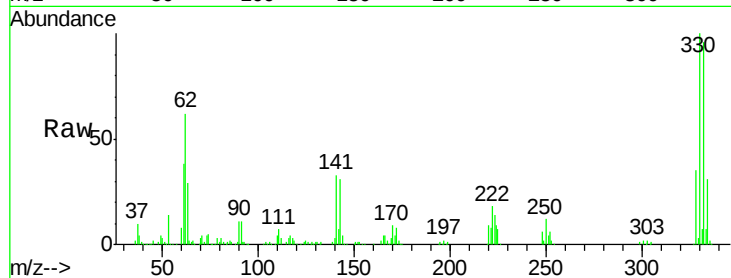




#42
 2,4,6-Tribromophenol
 Concen: 91.00 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

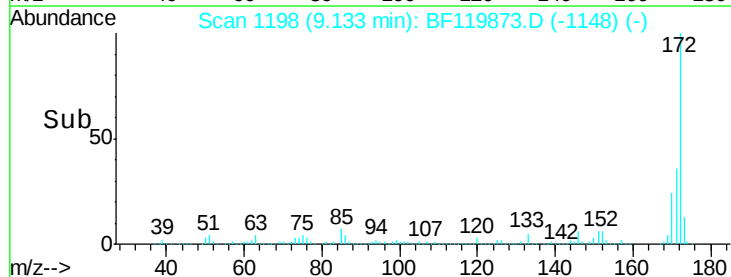
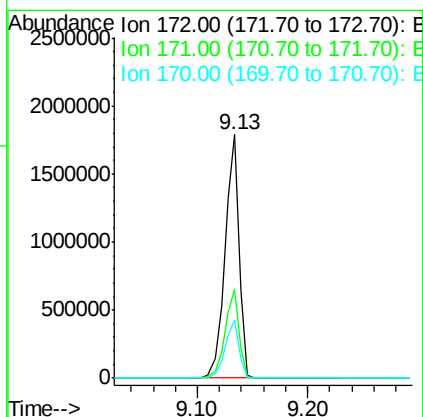
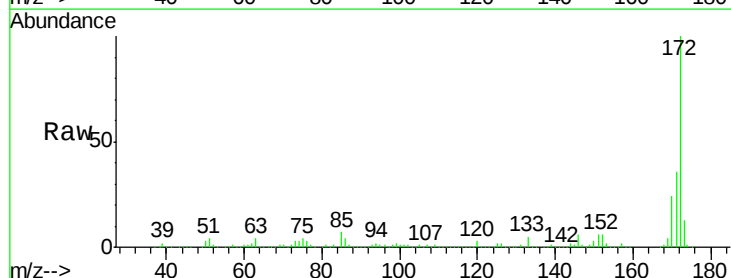
Instrument :
 BNA_F
 ClientSampled :
 CC-1

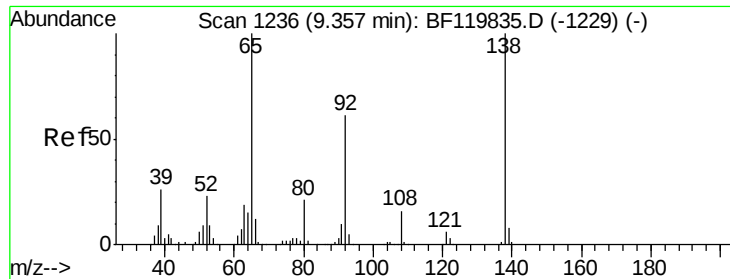
Tgt Ion:330 Resp: 354501
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 31.6 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 70.76 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

Tgt Ion:172 Resp: 1585700
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.7 19.4 29.2

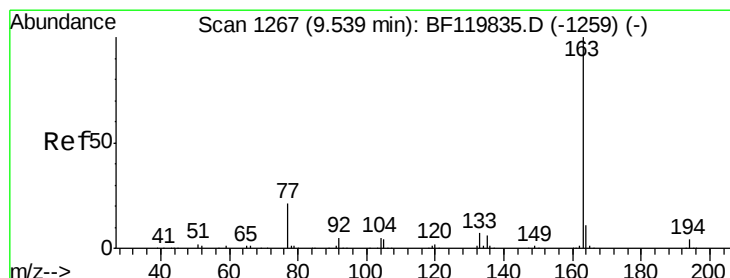
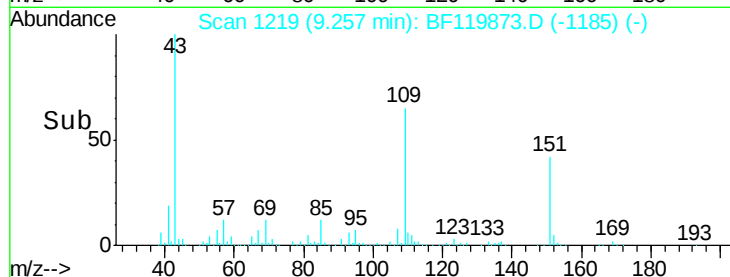
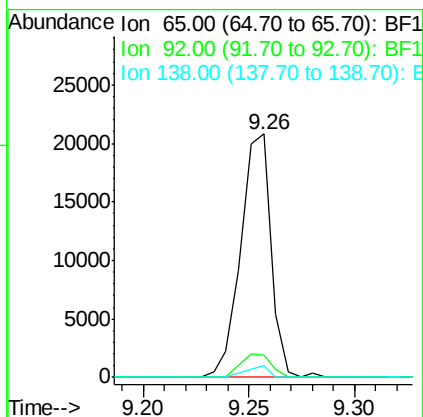
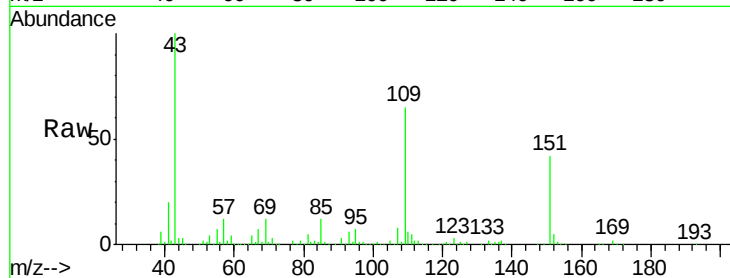




#48
2-Nitroaniline
Concen: 2.77 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.10 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

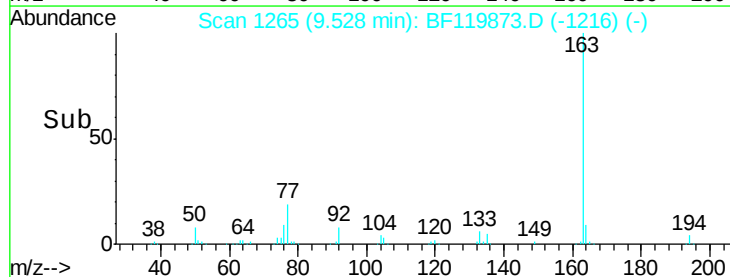
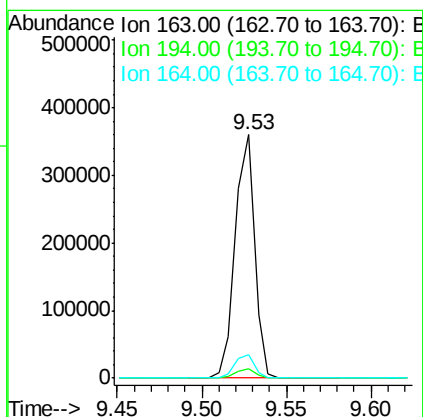
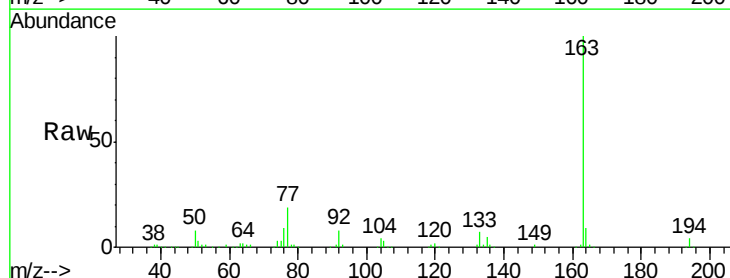
Instrument :
BNA_F
ClientSampled :
CC-1

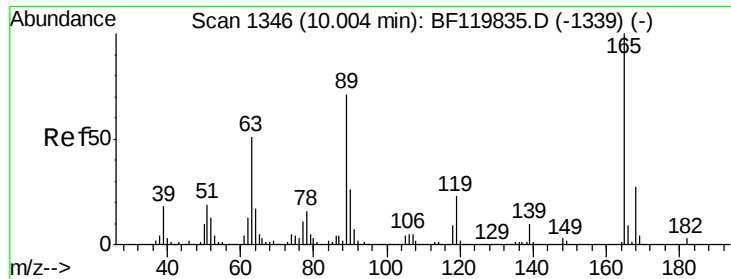
Tgt Ion: 65 Resp: 20776
Ion Ratio Lower Upper
65 100
92 8.9 49.0 73.6#
138 5.0 79.7 119.5#



#50
Dimethylphthalate
Concen: 11.64 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119873.D
Acq: 9 Apr 2020 16:57

Tgt Ion: 163 Resp: 286453
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.5 8.4 12.6

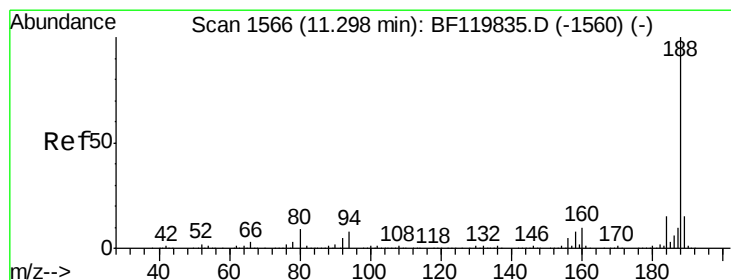
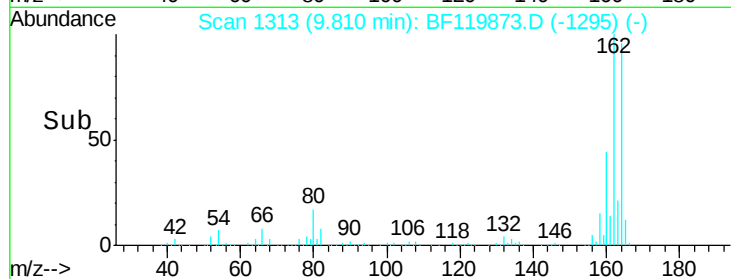
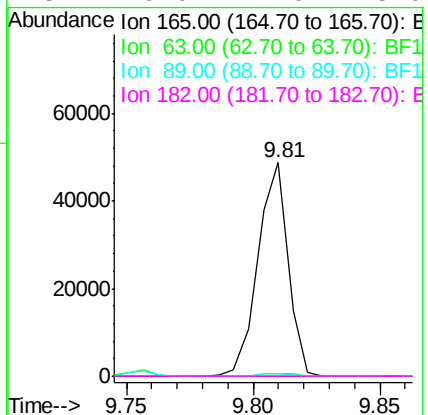
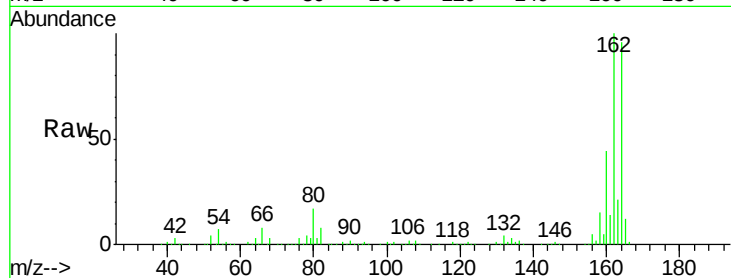




#57
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

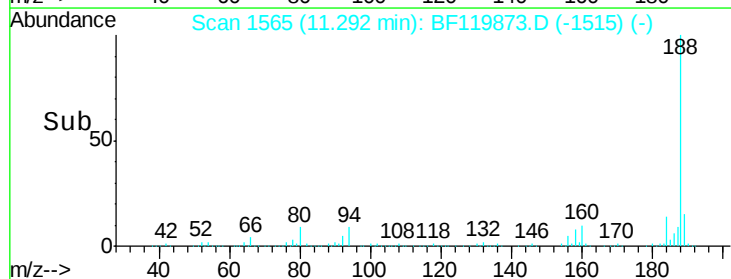
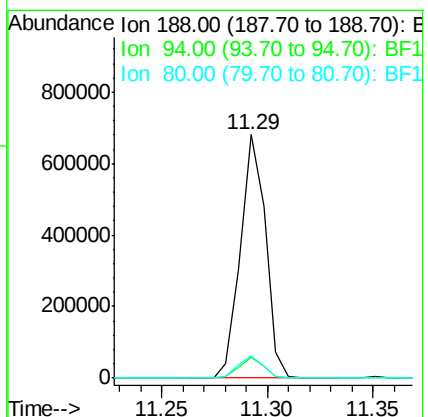
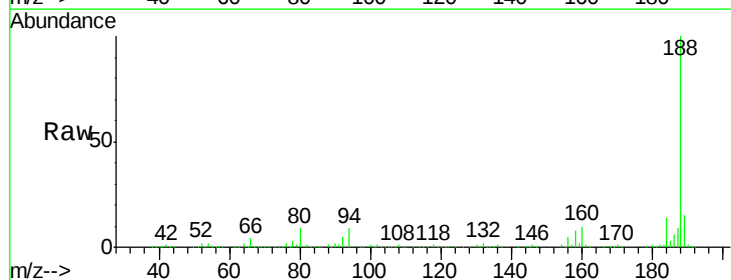
Instrument :
 BNA_F
 ClientSampleId :
 CC-1

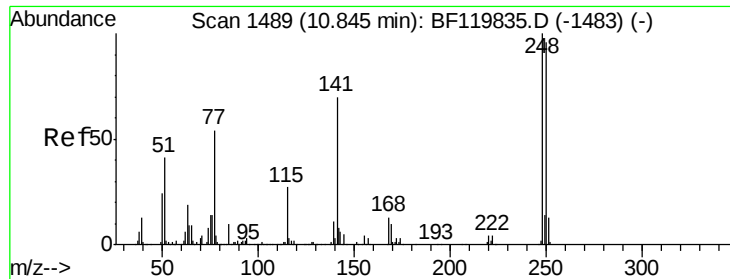
Tgt Ion:165 Resp: 40598
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.8 61.2#
 89 1.2 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

Tgt Ion:188 Resp: 559696
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.7 10.1
 80 9.1 7.4 11.2

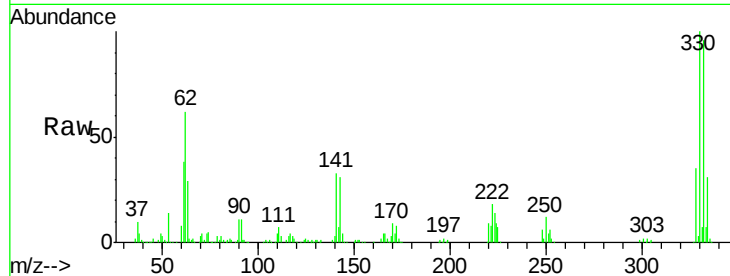




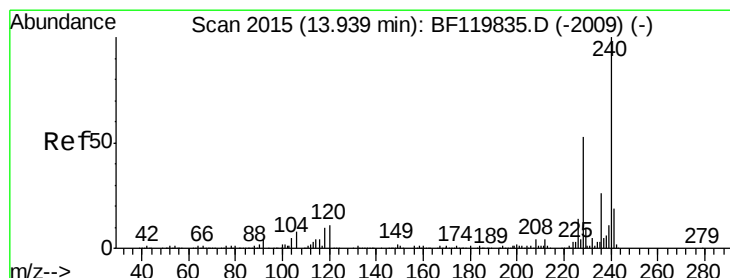
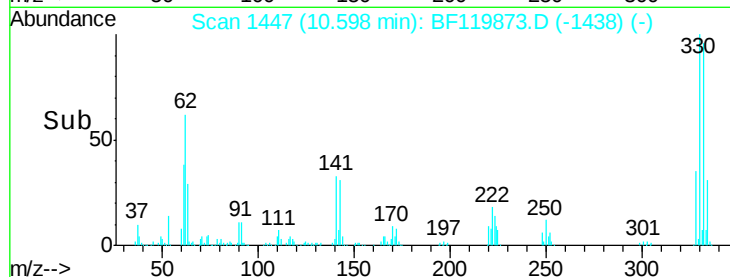
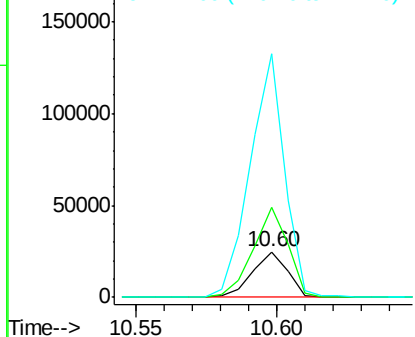
#67
 4-Bromophenyl-phenylether
 Concen: 3.10 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 CC-1

Tgt Ion:248 Resp: 21584
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.6 114.8#
 141 536.7 55.9 83.9#

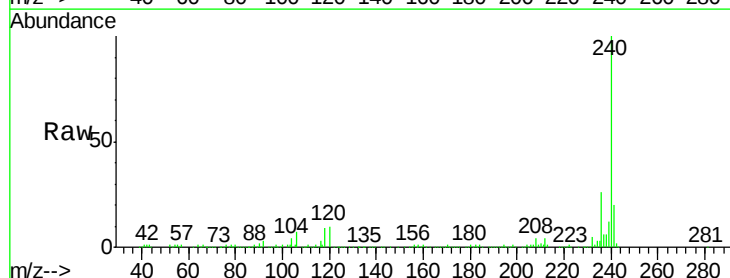


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119873.D
 Acq: 9 Apr 2020 16:57

Tgt Ion:240 Resp: 327678
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.0 13.6
 236 25.7 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

