

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119803.D
 Acq On : 7 Apr 2020 6:16
 Operator : MA/SJ
 Sample : L2135-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1H-(0-2)

Quant Time: Apr 07 06:48:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

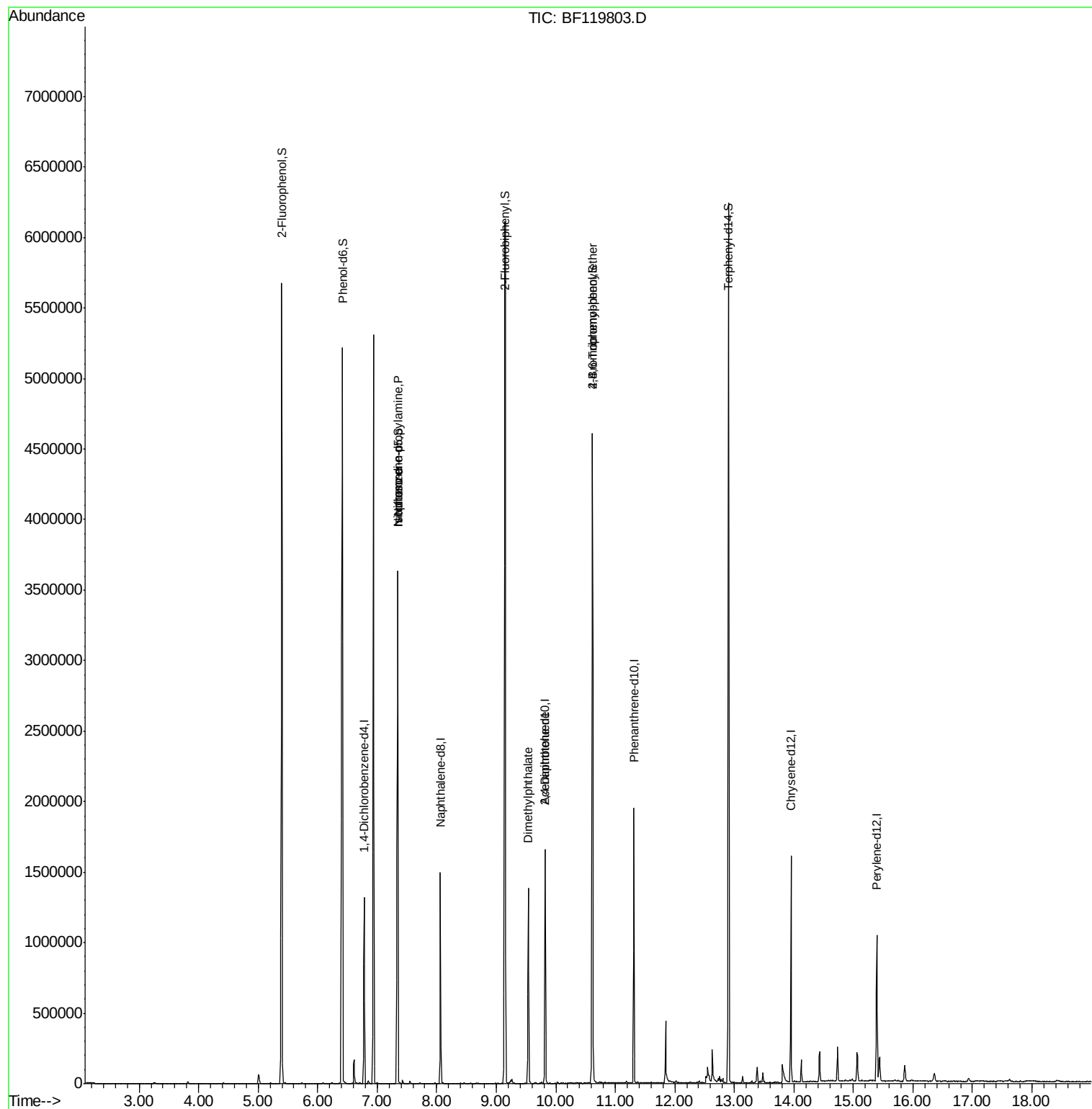
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183396	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	690254	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	360071	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	672660	20.00	ng	0.00
76) Chrysene-d12	13.95	240	515344	20.00	ng	0.00
87) Perylene-d12	15.39	264	499319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1694686	147.10	ng	0.01
7) Phenol-d6	6.42	99	2121947	144.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	1321167	104.02	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	611681	164.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2342951	96.40	ng	0.00
79) Terphenyl-d14	12.90	244	2441996	92.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	174037	19.62	ng	# 75
25) Isophorone	7.35	82	1321156	51.28	ng	# 65
50) Dimethylphthalate	9.54	163	509455	19.92	ng	99
57) 2,4-Dinitrotoluene	9.82	165	44564	6.45	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	35408	4.62	ng	# 1

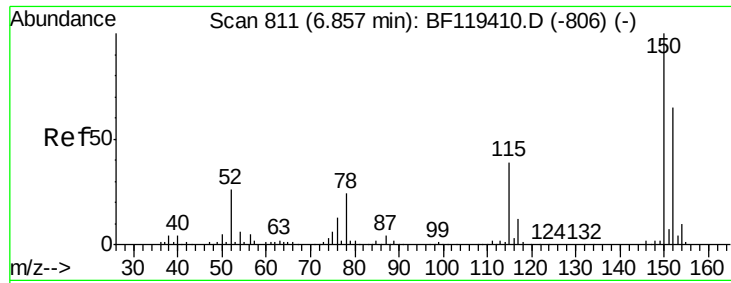
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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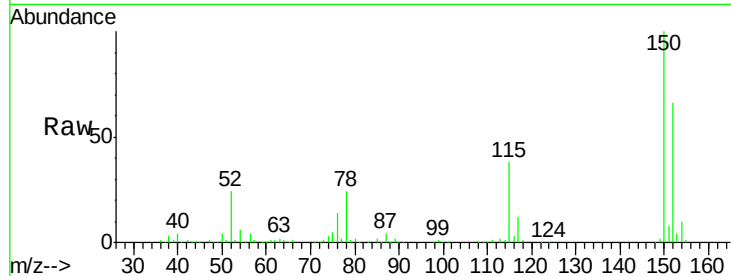




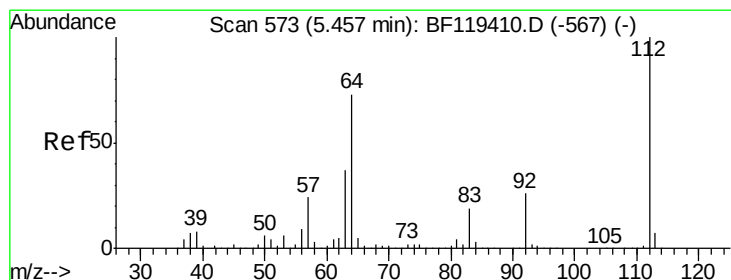
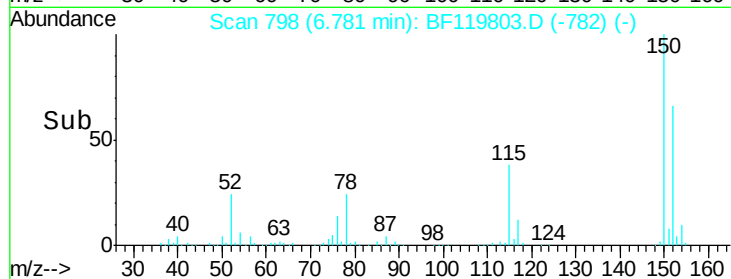
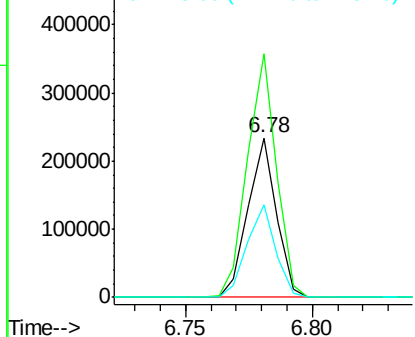
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119803.D
 Acq: 7 Apr 2020 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-1H-(0-2)

Tgt Ion:152 Resp: 183396
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.5 186.7
 115 58.3 49.6 74.4

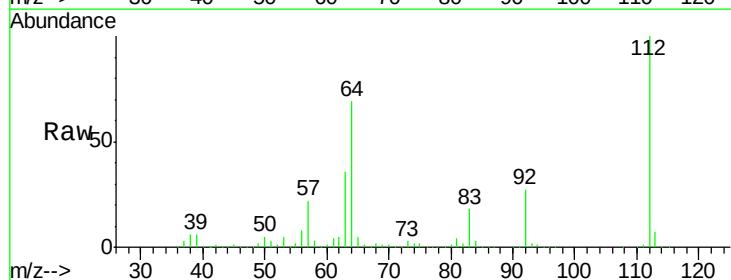


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

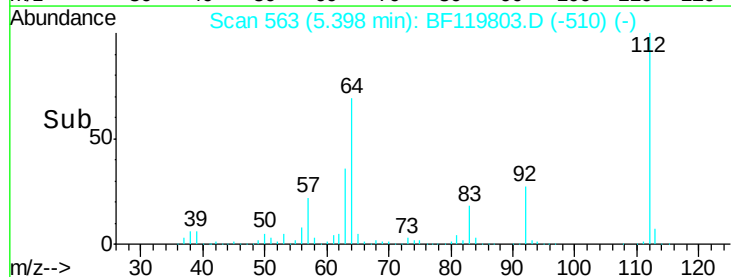
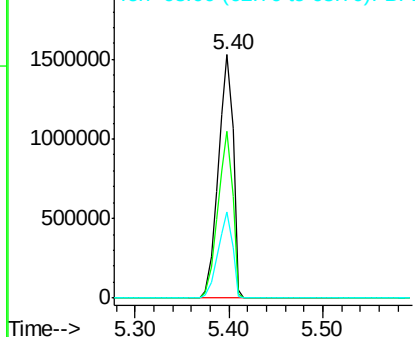


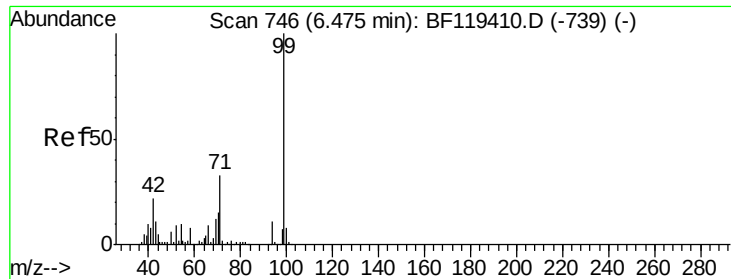
#5
 2-Fluorophenol
 Concen: 147.10 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF119803.D
 Acq: 7 Apr 2020 6:16

Tgt Ion:112 Resp: 1694686
 Ion Ratio Lower Upper
 112 100
 64 68.6 56.7 85.1
 63 35.5 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: 144.19 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

BNA_F

ClientSampleId :

SB-1H-(0-2)

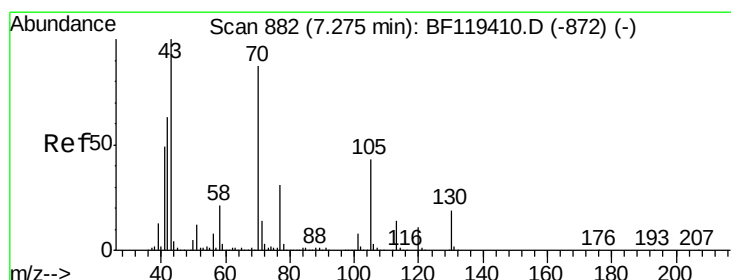
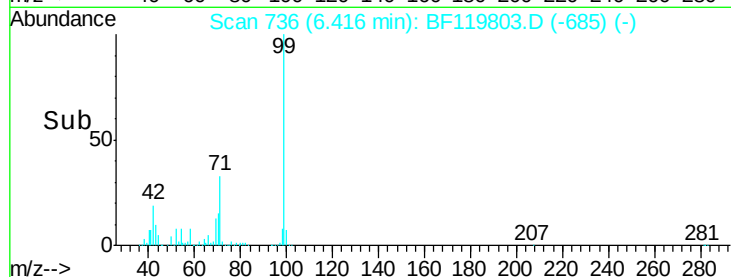
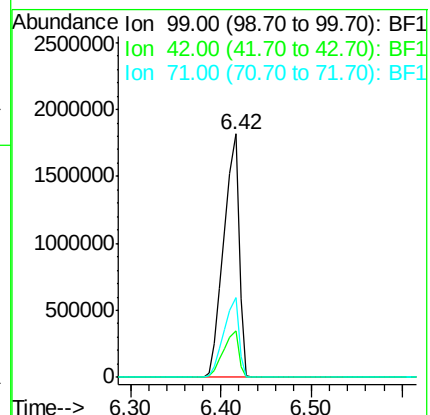
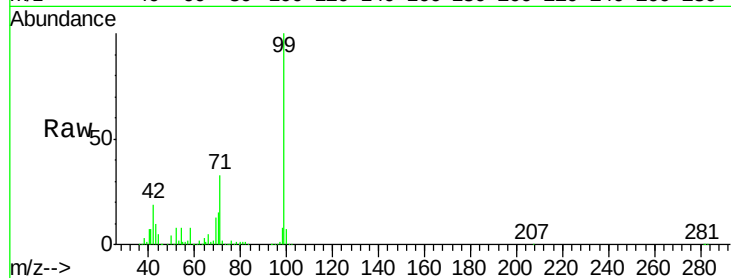
Tgt Ion: 99 Resp: 2121947

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 33.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.62 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Tgt Ion: 70 Resp: 174037

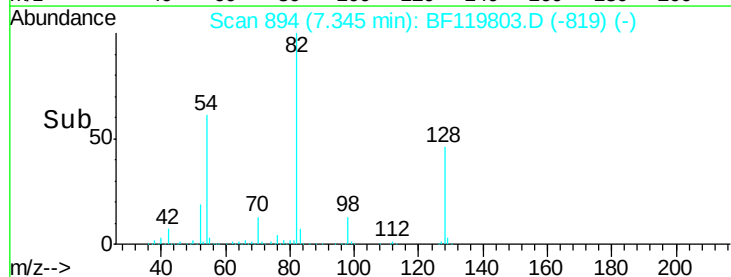
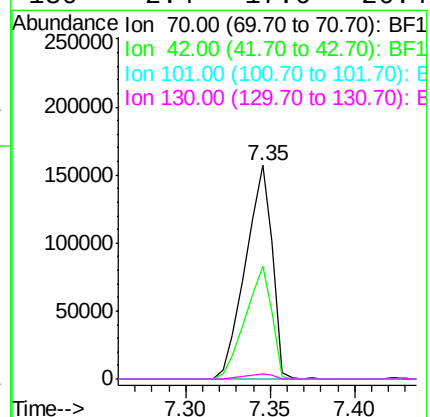
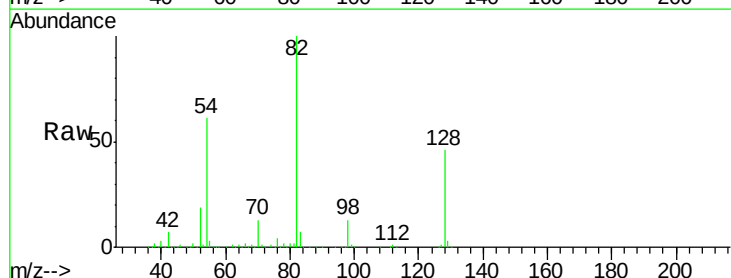
Ion Ratio Lower Upper

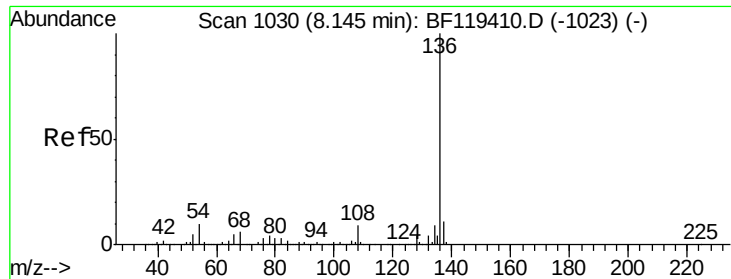
70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

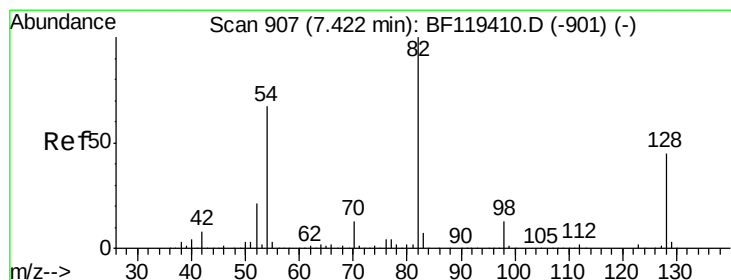
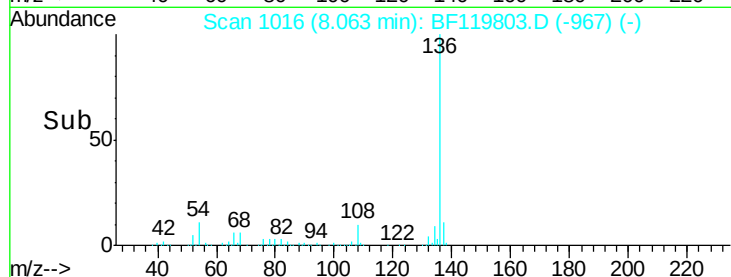
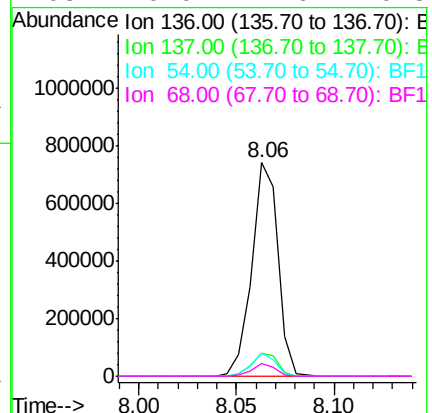
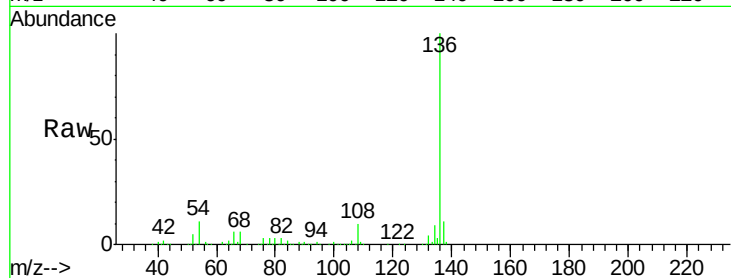




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119803.D
Acq: 7 Apr 2020 6:16

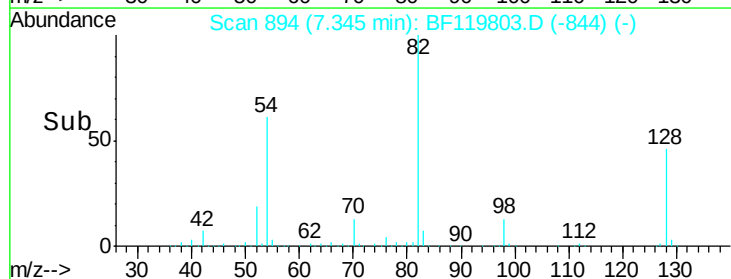
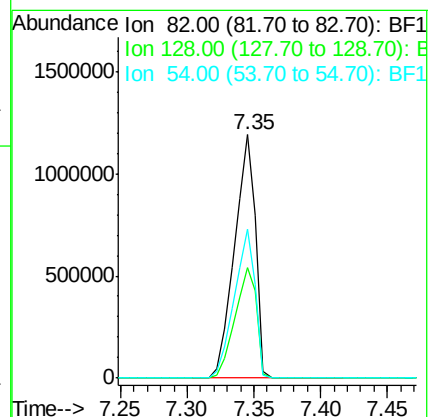
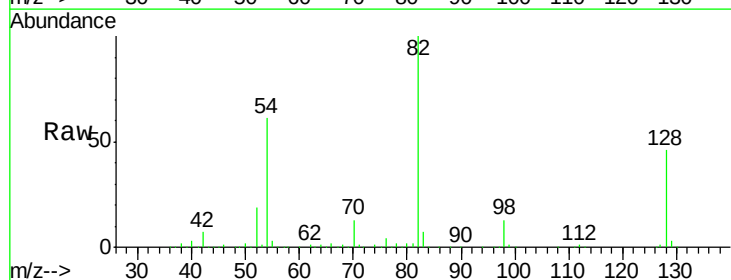
Instrument :
BNA_F
ClientSampleId :
SB-1H-(0-2)

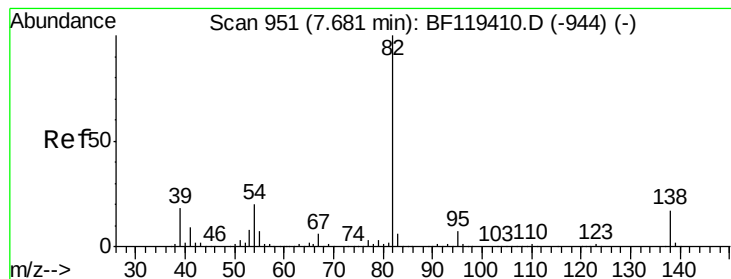
Tgt Ion:	136	Resp:	690254
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.8	9.1	13.7
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 104.02 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119803.D
Acq: 7 Apr 2020 6:16

Tgt Ion:	82	Resp:	1321167
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	61.0	50.6	75.8





#25

Isophorone

Concen: 51.28 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

BNA_F

ClientSampleId :

SB-1H-(0-2)

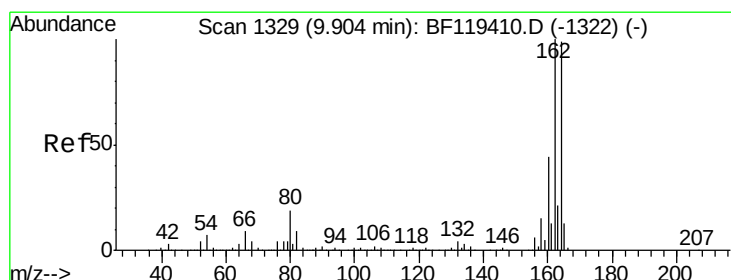
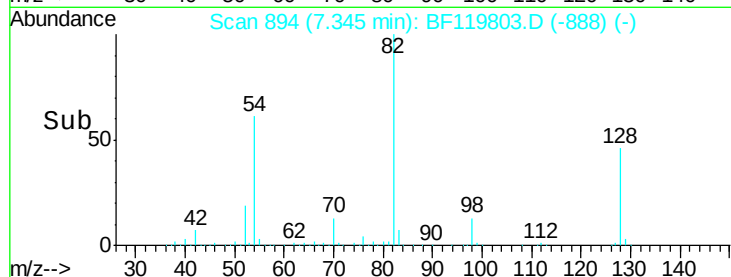
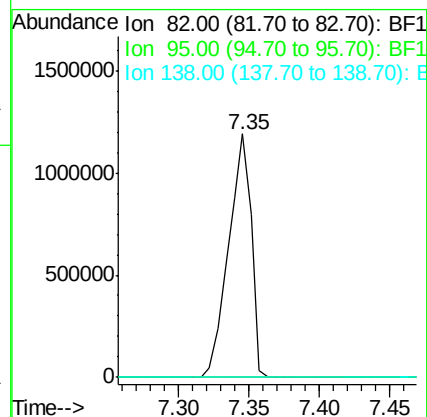
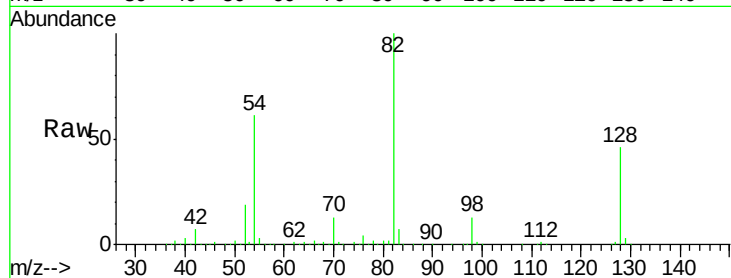
Tgt Ion: 82 Resp: 1321156

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

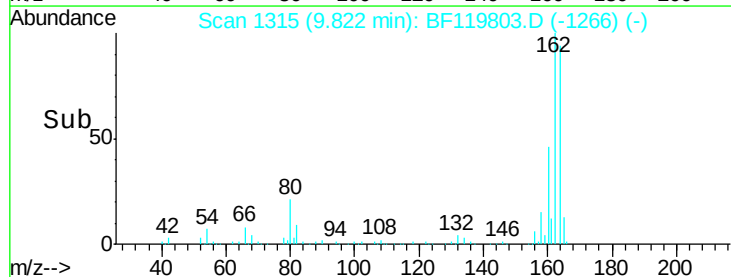
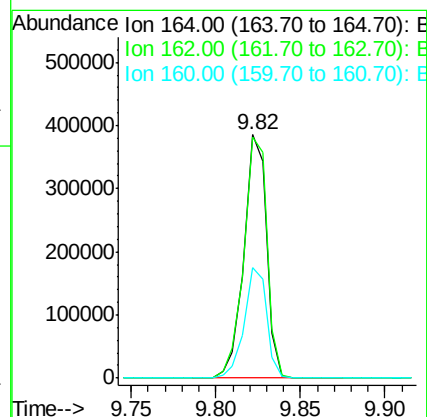
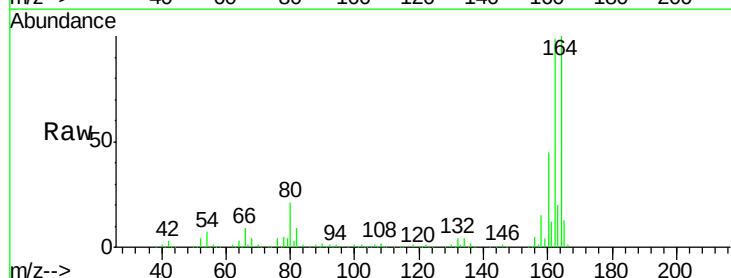
Tgt Ion: 164 Resp: 360071

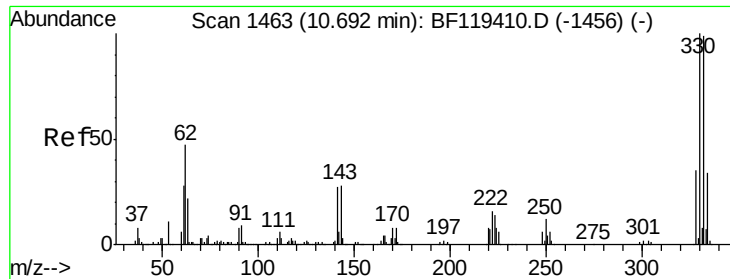
Ion Ratio Lower Upper

164 100

162 99.2 80.6 121.0

160 45.3 35.7 53.5

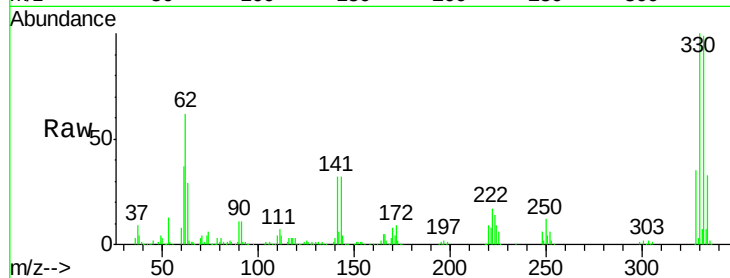




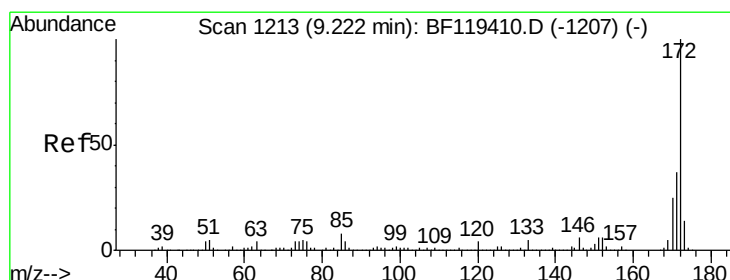
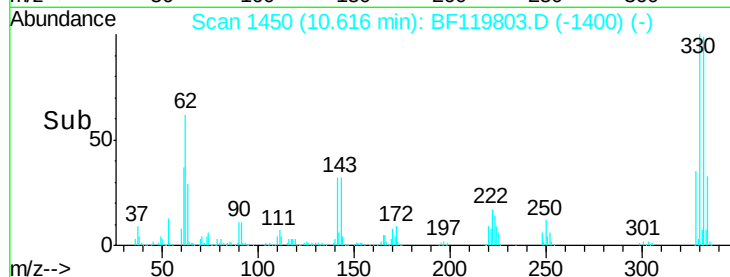
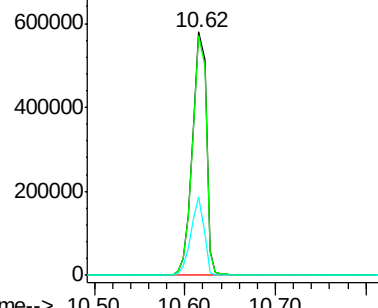
#42
 2,4,6-Tribromophenol
 Concen: 164.66 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119803.D
 Acq: 7 Apr 2020 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-1H-(0-2)

Tgt Ion:330 Resp: 611681
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.7 113.5
 141 30.5 25.4 38.0

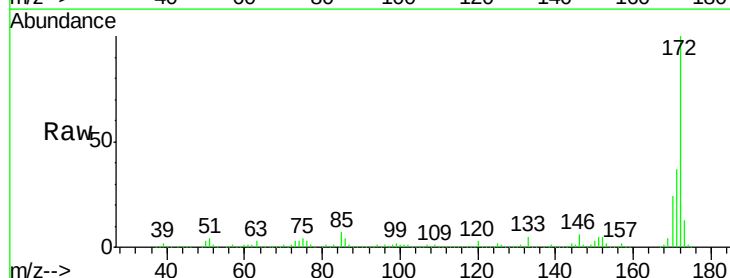


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

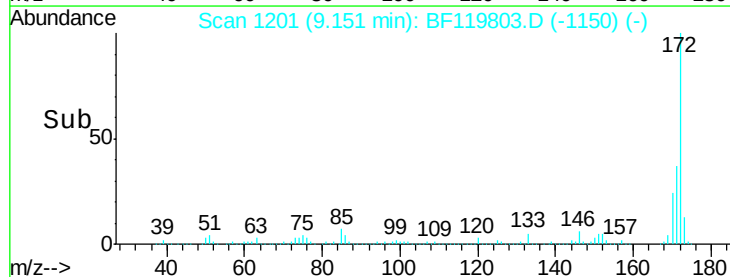
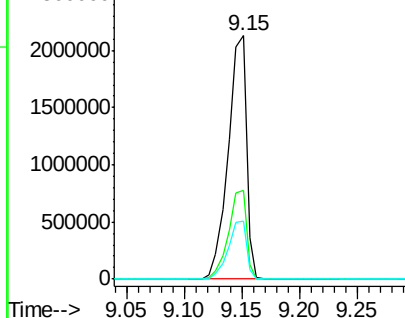


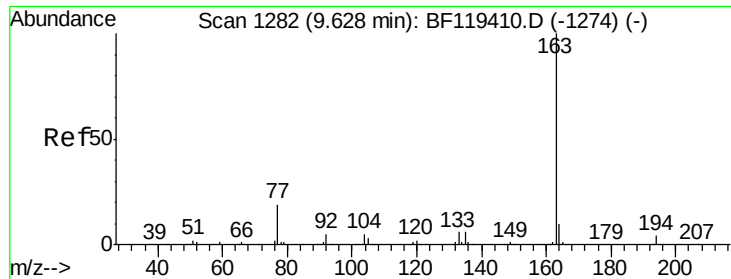
#45
 2-Fluorobiphenyl
 Concen: 96.40 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119803.D
 Acq: 7 Apr 2020 6:16

Tgt Ion:172 Resp: 2342951
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 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

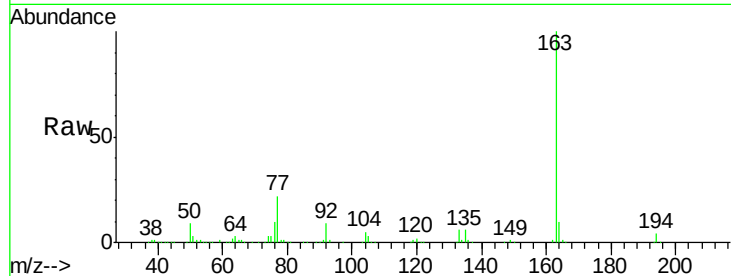




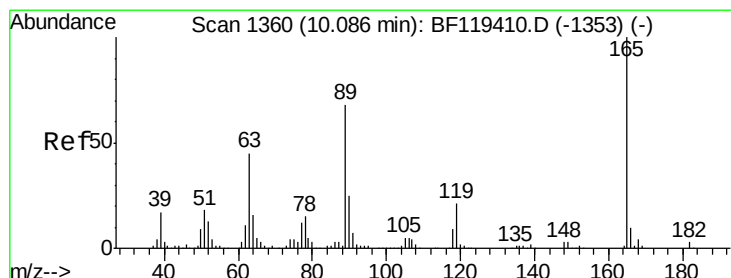
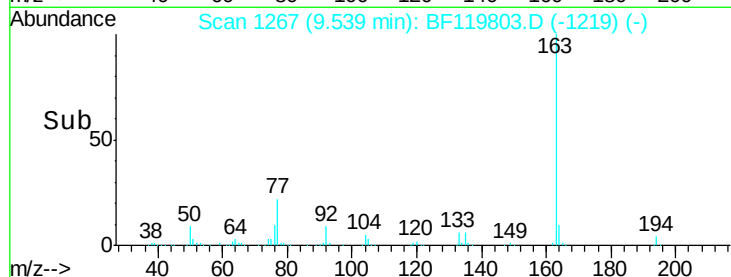
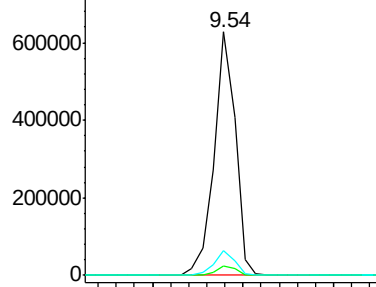
#50
Dimethylphthalate
Concen: 19.92 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119803.D
Acq: 7 Apr 2020 6:16

Instrument :
BNA_F
ClientSampleId :
SB-1H-(0-2)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2

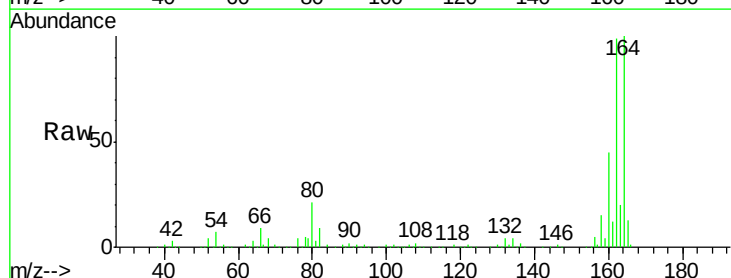


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

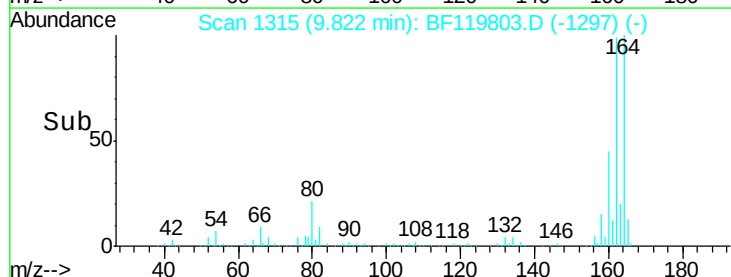
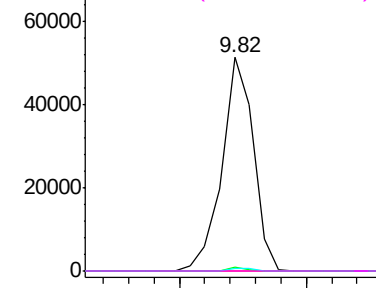


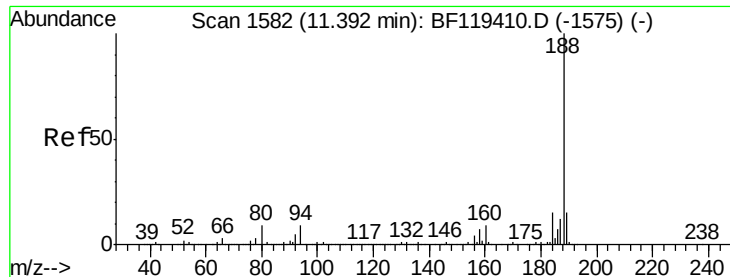
#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119803.D
Acq: 7 Apr 2020 6:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.0	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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

BNA_F

ClientSampleId :

SB-1H-(0-2)

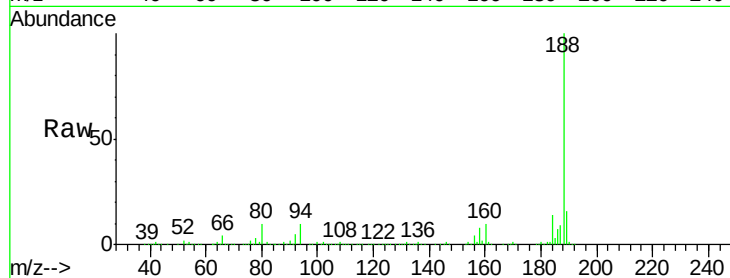
Tgt Ion:188 Resp: 672660

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

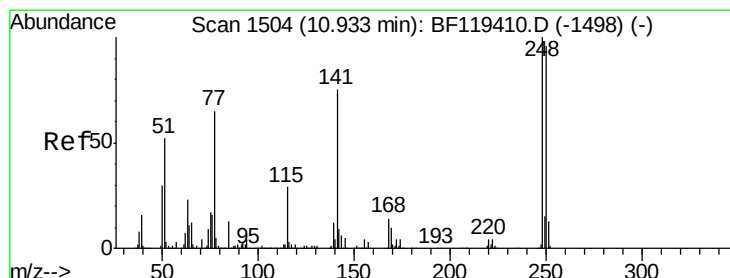
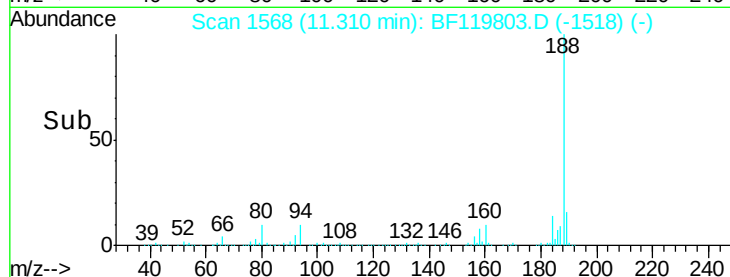
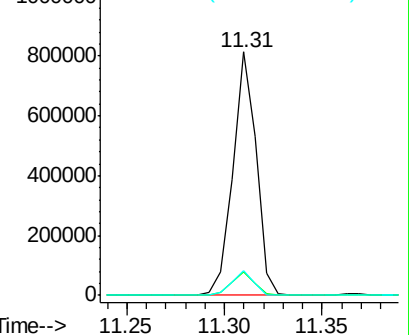
80 10.0 9.0 13.4



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: 4.62 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

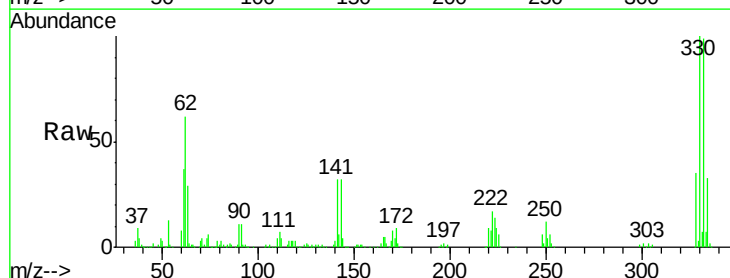
Tgt Ion:248 Resp: 35408

Ion Ratio Lower Upper

248 100

250 207.3 77.3 115.9#

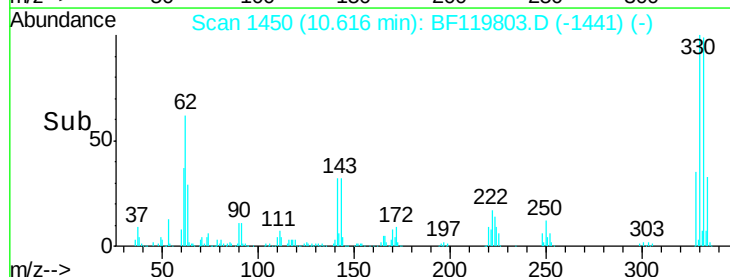
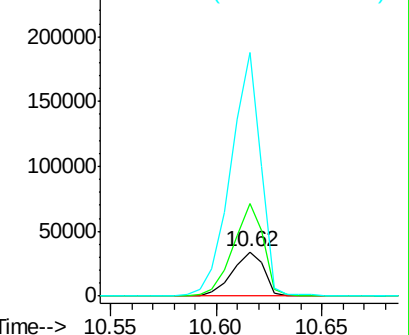
141 547.7 58.6 87.8#

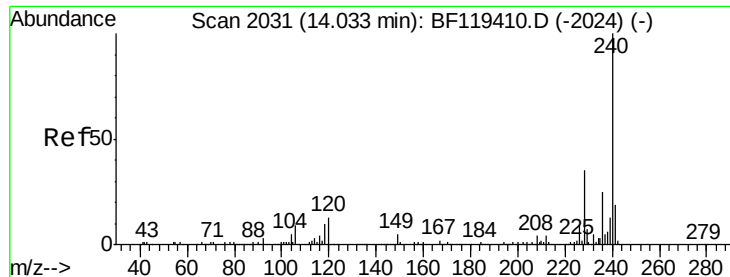


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

BNA_F

ClientSampleId :

SB-1H-(0-2)

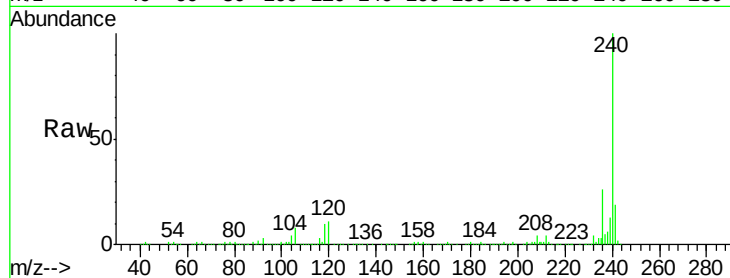
Tgt Ion:240 Resp: 515344

Ion Ratio Lower Upper

240 100

120 11.1 10.6 15.8

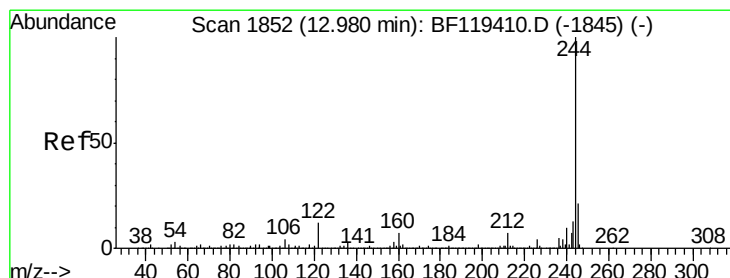
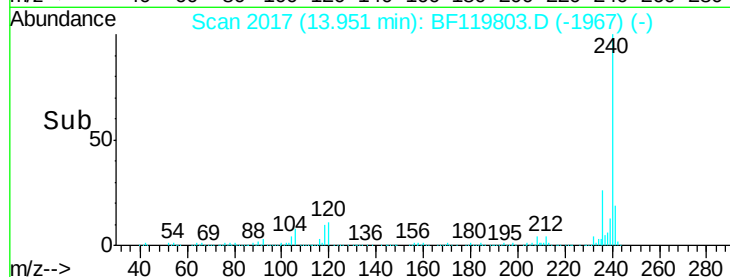
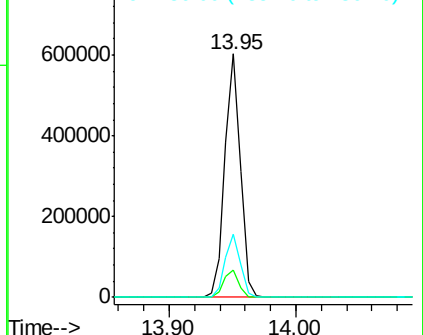
236 25.7 20.2 30.2



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: 92.84 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

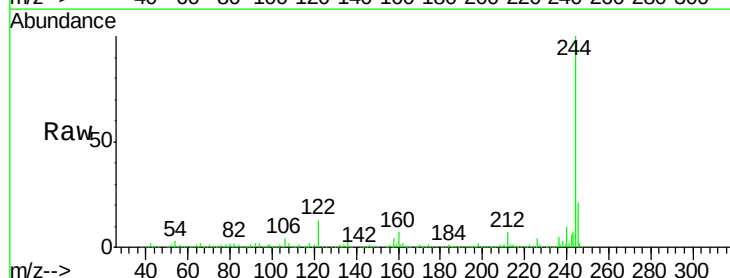
Tgt Ion:244 Resp: 2441996

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

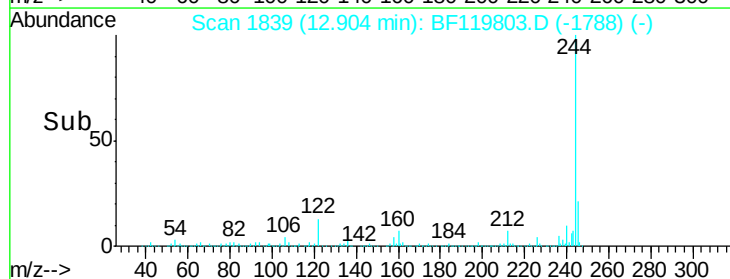
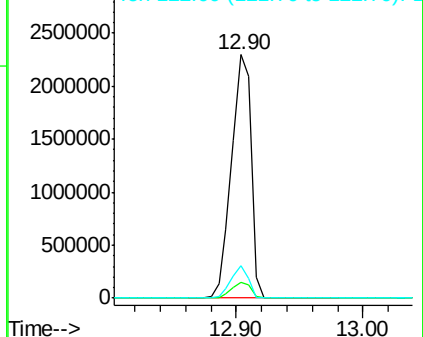
122 13.4 10.3 15.5

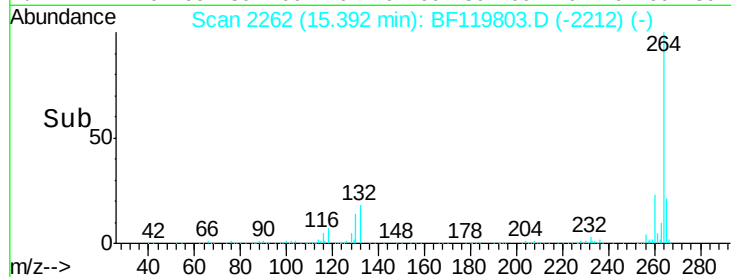
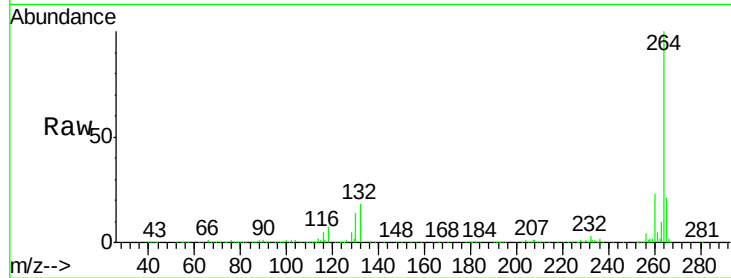
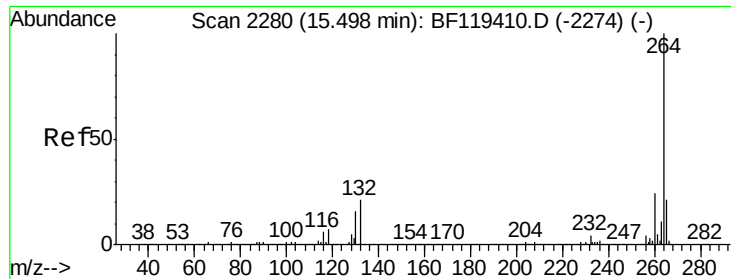


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119803.D
Acq: 7 Apr 2020 6:16

Instrument :
BNA_F
ClientSampleId :
SB-1H-(0-2)

Tgt Ion:	264	Resp:	499319
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	17.7	26.5

