

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119703.D
 Acq On : 2 Apr 2020 8:01
 Operator : MA/SJ
 Sample : L1752-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

Quant Time: Apr 02 08:38:47 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

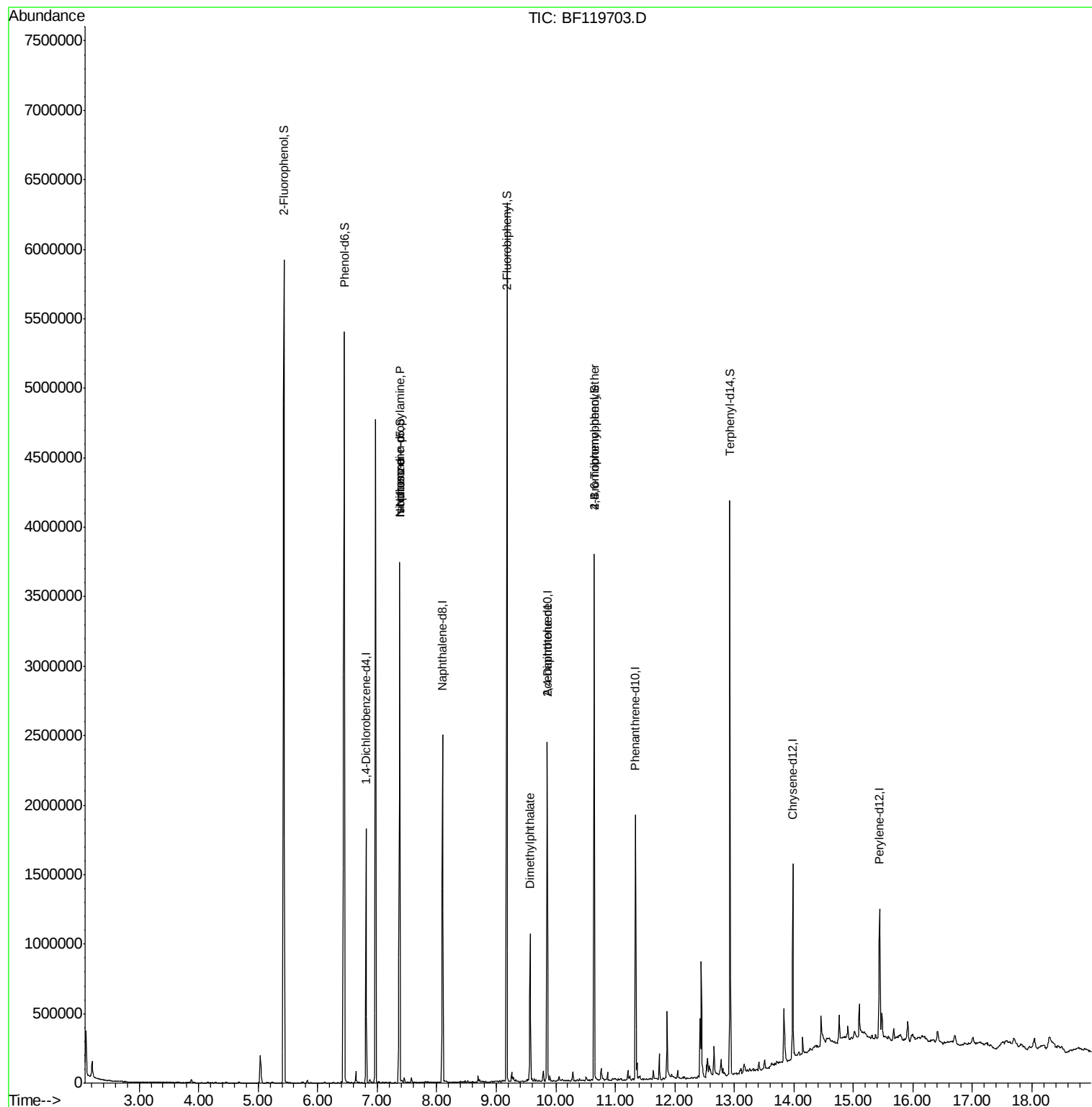
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	267251	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	990942	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	460003	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	730040	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	456413	20.00	ng	-0.02
87) Perylene-d12	15.44	264	420630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1627437	96.94	ng	0.02
7) Phenol-d6	6.45	99	2037081	94.99	ng	0.00
23) Nitrobenzene-d5	7.38	82	1249437	68.52	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	440883	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2039161	65.67	ng	0.00
79) Terphenyl-d14	12.93	244	1510824	64.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	166530	12.88	ng	# 74
25) Isophorone	7.38	82	1247029	33.72	ng	# 65
50) Dimethylphthalate	9.57	163	364881	11.17	ng	99
57) 2,4-Dinitrotoluene	9.86	165	58372	6.62	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	26988	3.25	ng	# 1

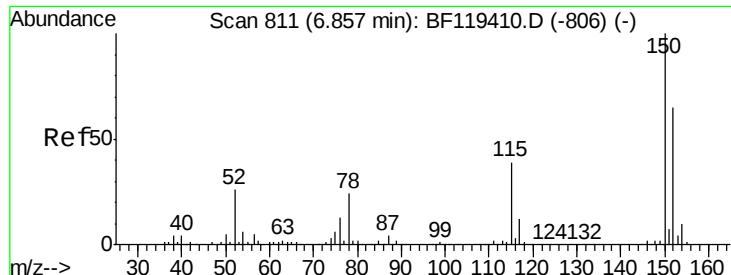
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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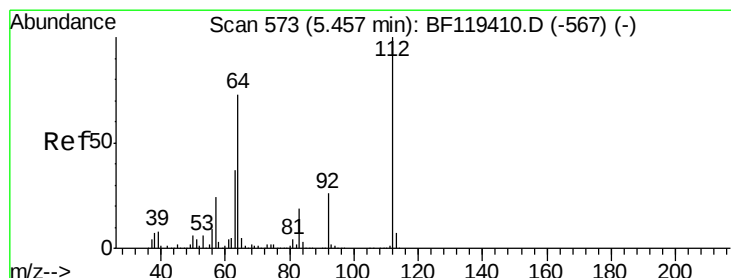
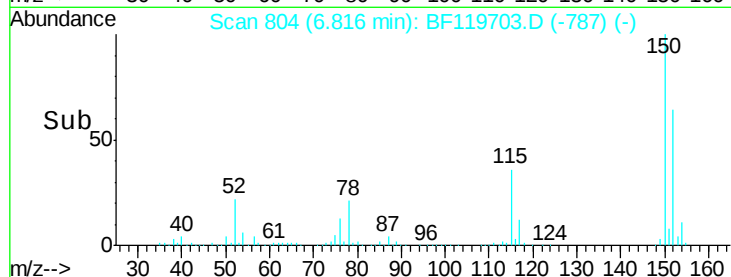
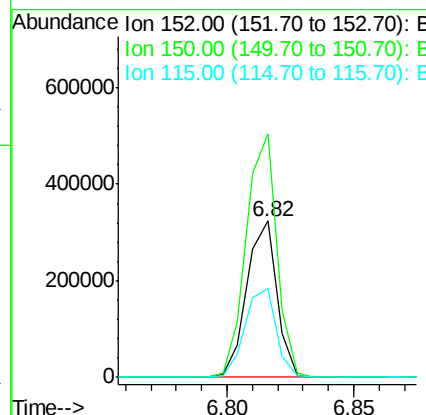
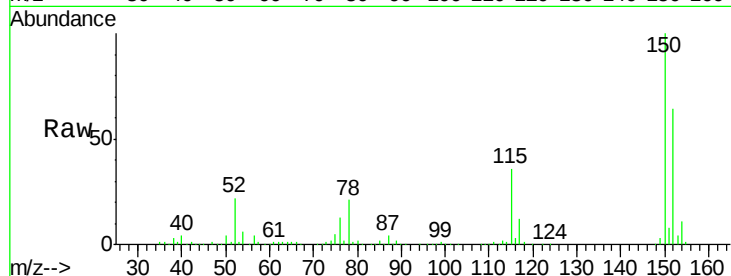




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF119703.D
 Acq: 2 Apr 2020 8:01

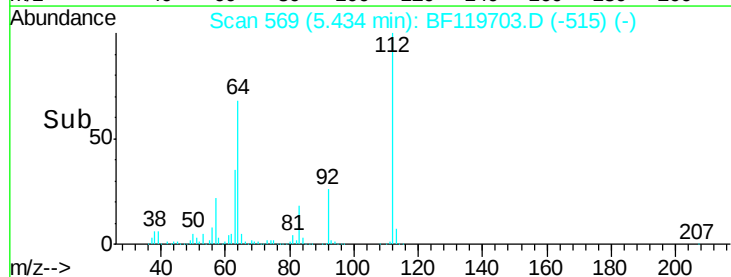
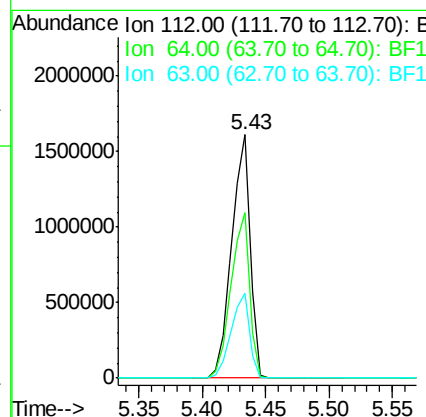
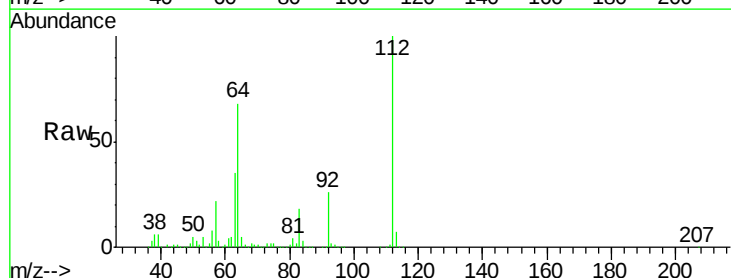
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

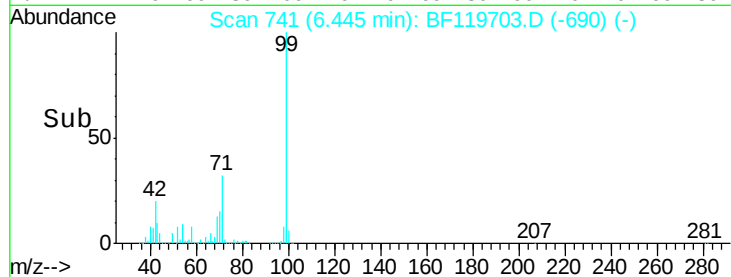
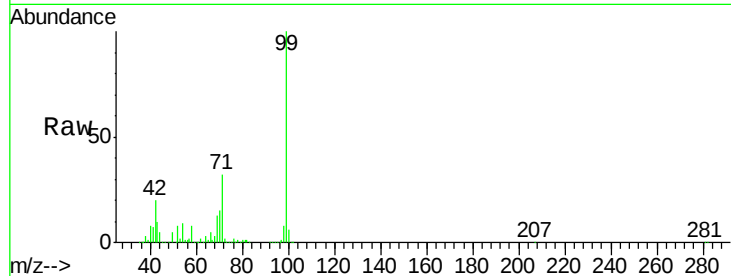
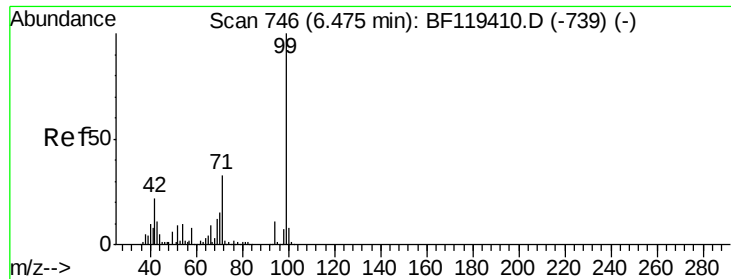
Tgt Ion:152 Resp: 267251
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.5 186.7
 115 56.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 96.94 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF119703.D
 Acq: 2 Apr 2020 8:01

Tgt Ion:112 Resp: 1627437
 Ion Ratio Lower Upper
 112 100
 64 68.2 56.7 85.1
 63 34.9 29.5 44.3





#7

Phenol-d6

Concen: 94.99 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

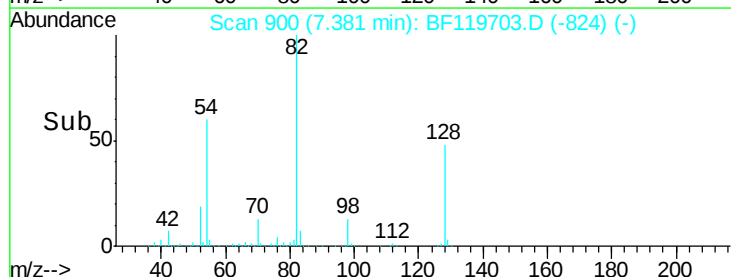
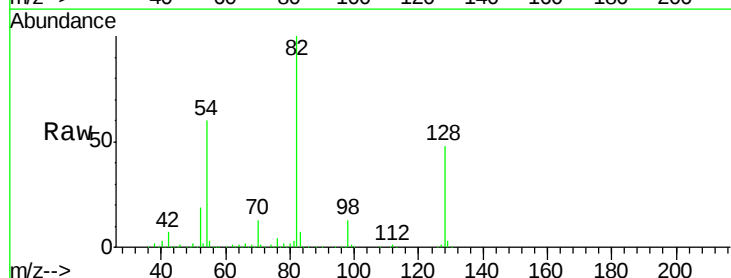
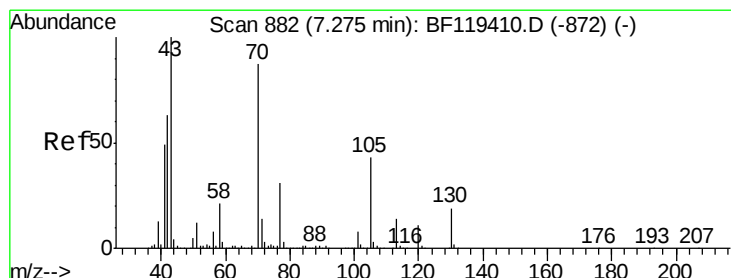
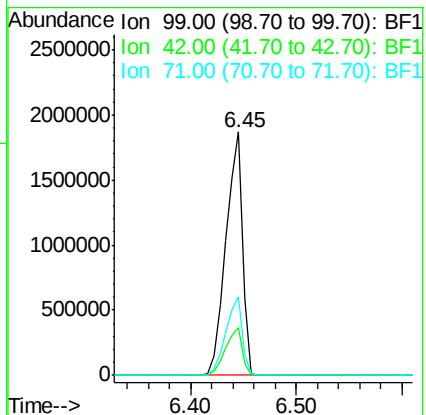
Tgt Ion: 99 Resp: 2037081

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.88 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

Tgt Ion: 70 Resp: 166530

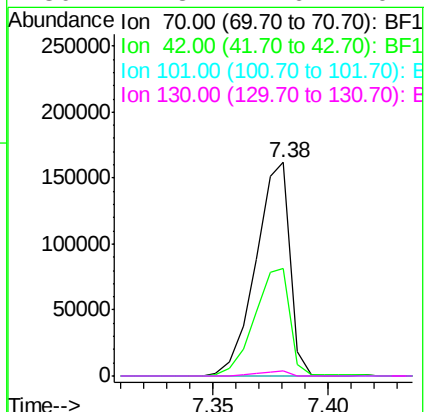
Ion Ratio Lower Upper

70 100

42 50.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

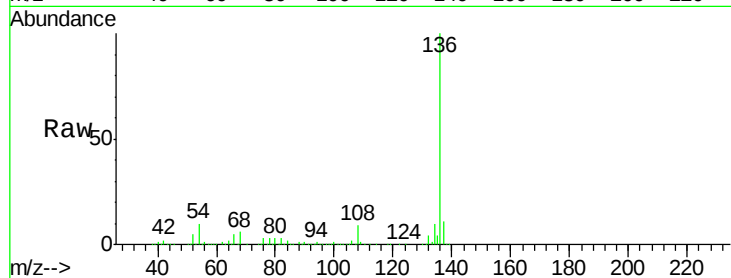




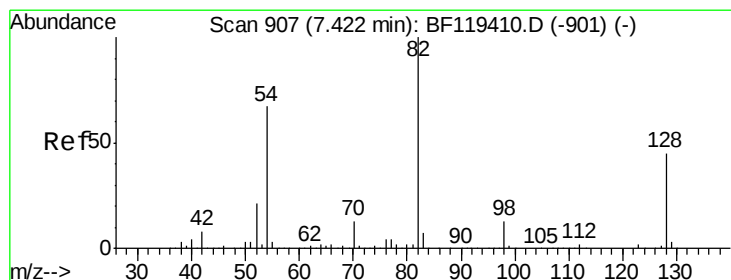
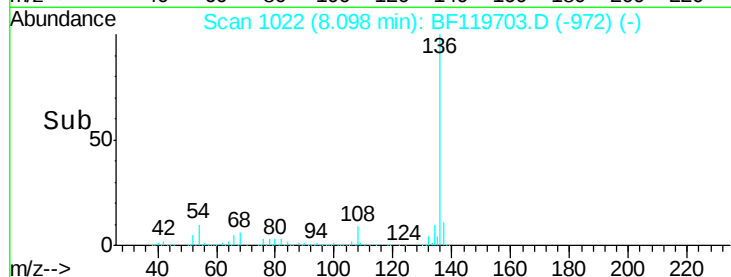
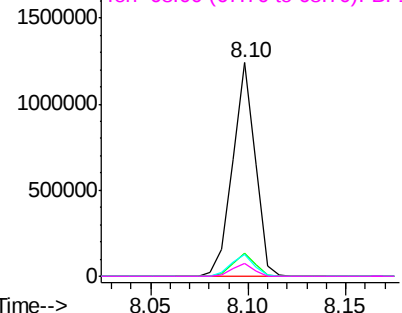
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tgt Ion:136	Resp: 990942
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 10.5	9.1 13.7
68 6.0	4.6 6.8

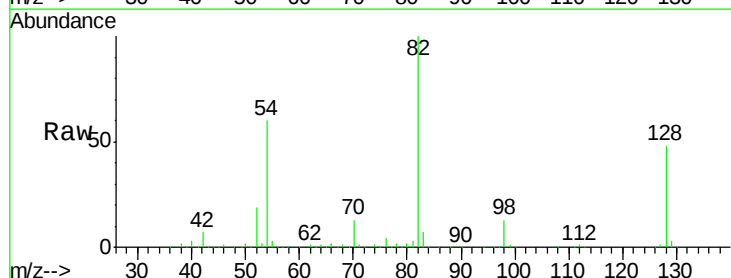


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

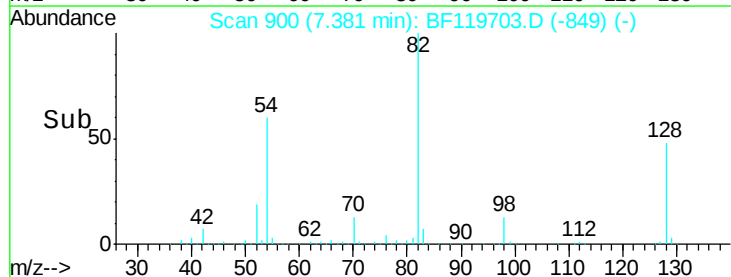
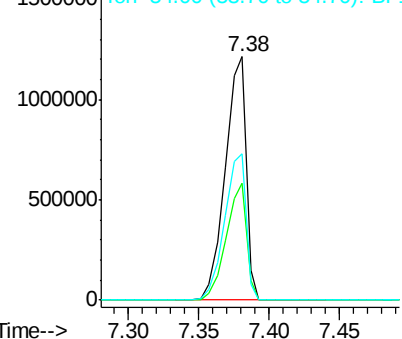


#23
Nitrobenzene-d5
Concen: 68.52 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Tgt Ion: 82	Resp: 1249437
Ion Ratio	Lower Upper
82 100	
128 48.1	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

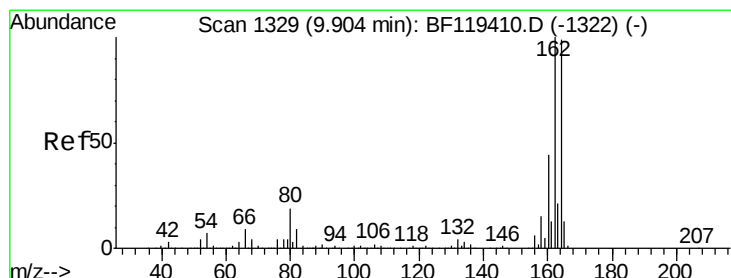
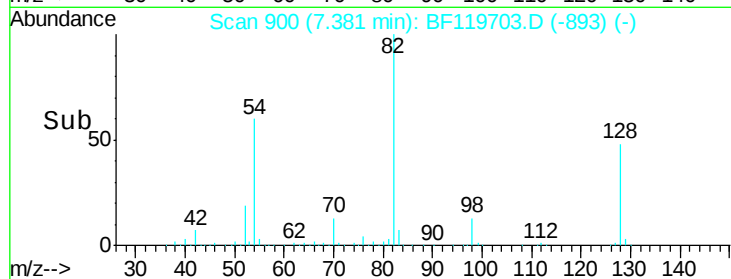
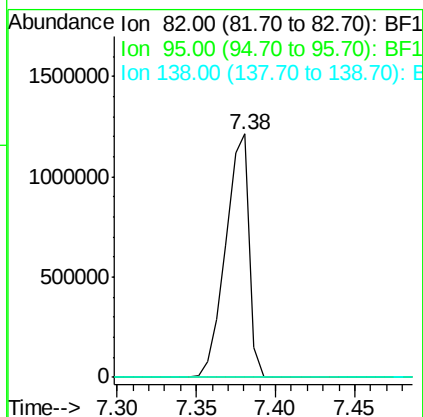
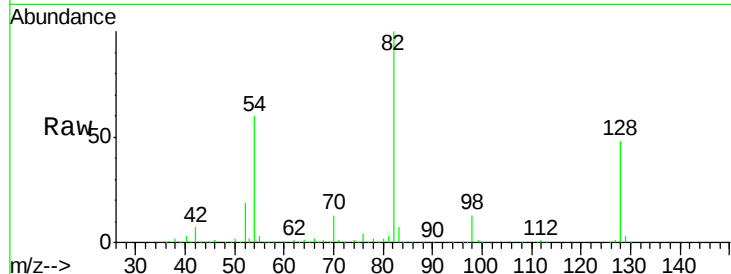




#25
Isophorone
Concen: 33.72 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

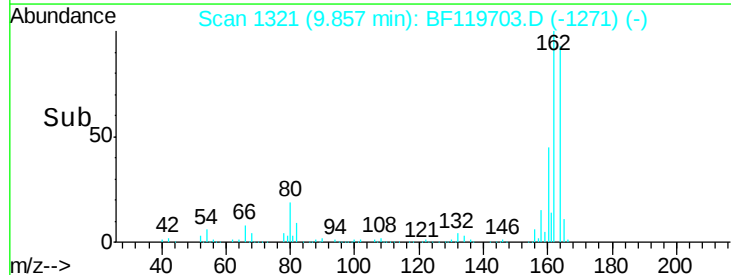
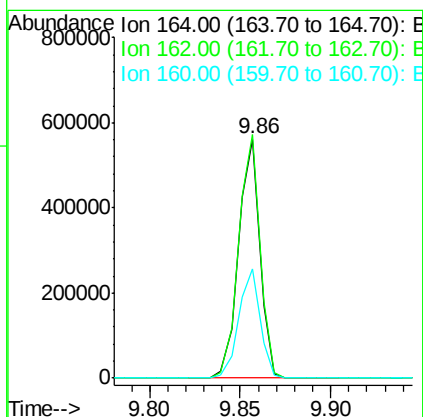
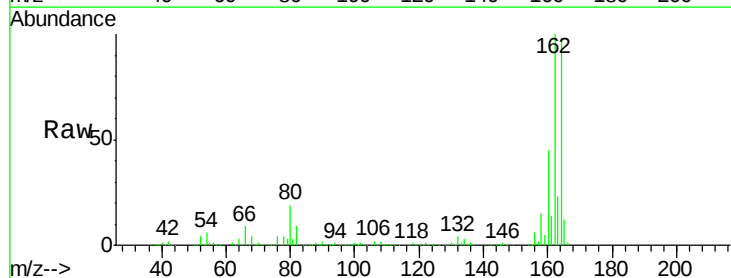
Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tgt Ion: 82 Resp: 1247029
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: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Tgt Ion: 164 Resp: 460003
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 45.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 92.90 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

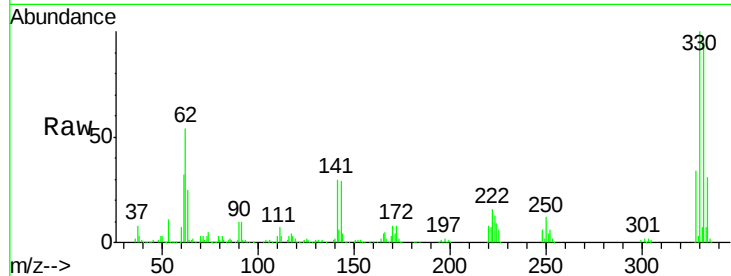
Tgt Ion:330 Resp: 440883

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

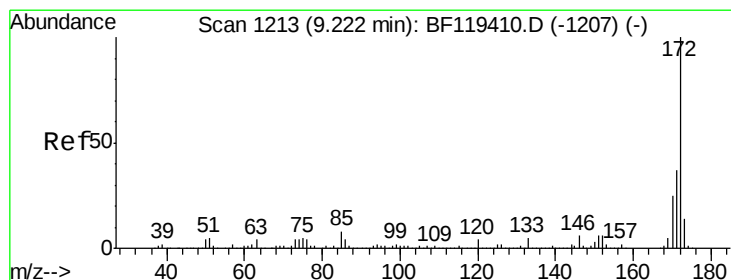
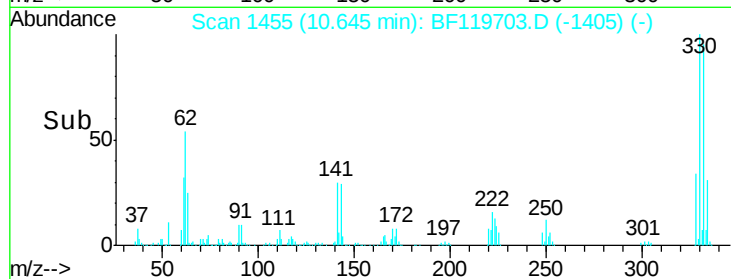
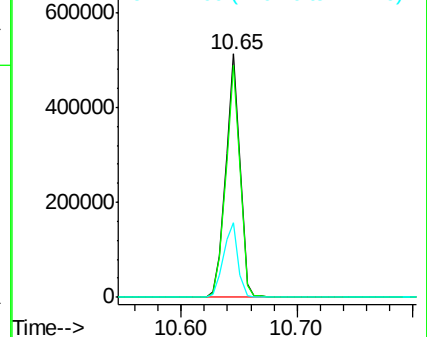
141 31.0 25.4 38.0



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: 65.67 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

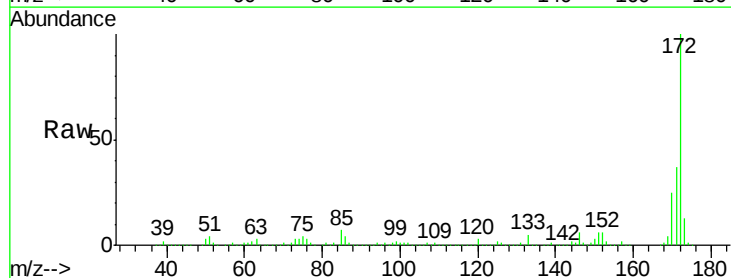
Tgt Ion:172 Resp: 2039161

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

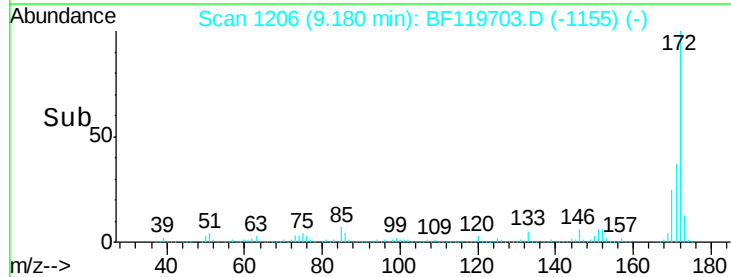
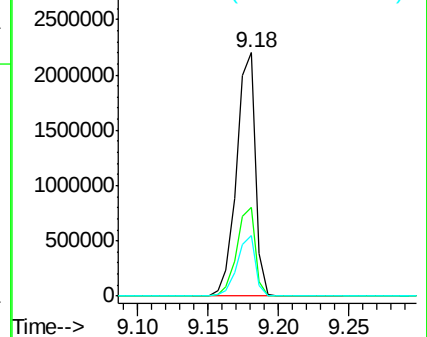
170 24.6 20.2 30.2

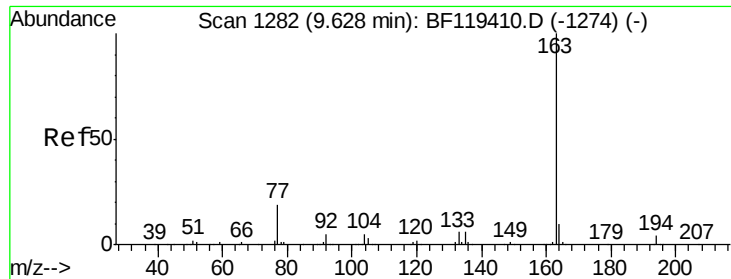


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

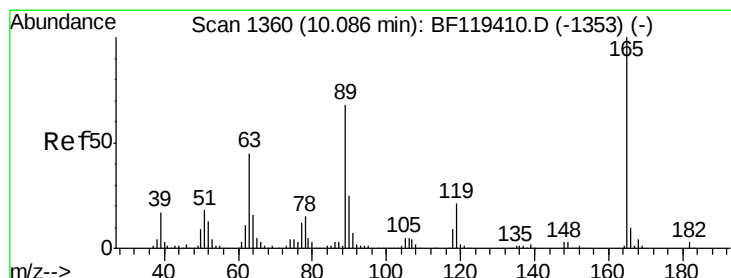
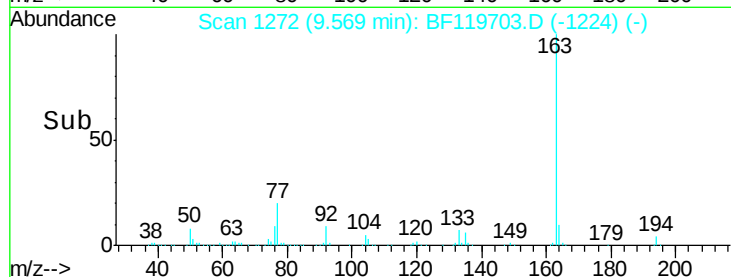
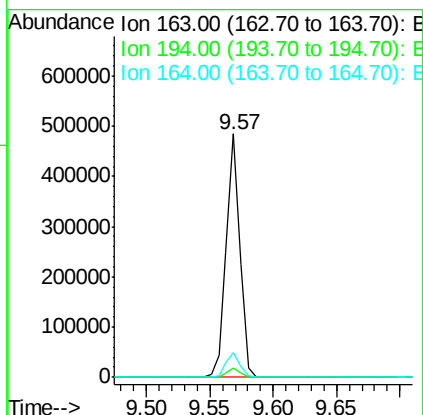
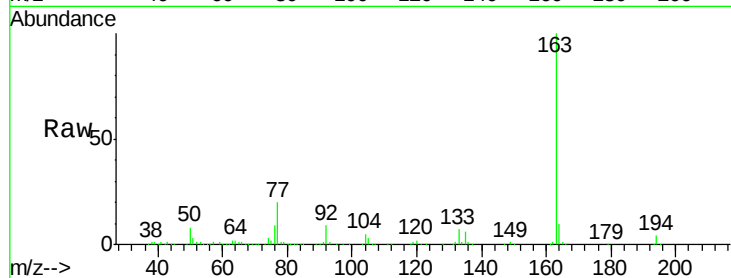




#50
Dimethylphthalate
Concen: 11.17 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

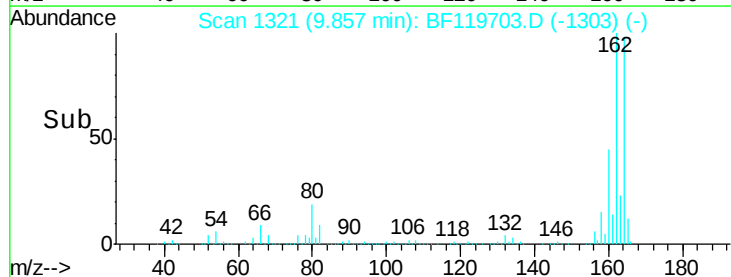
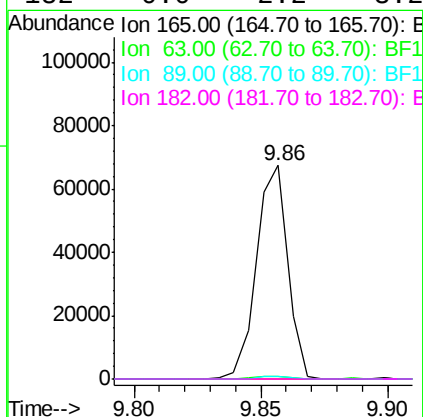
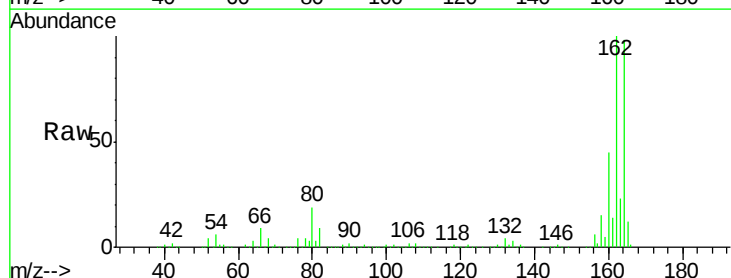
Instrument :
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HD-02-033020

Tgt Ion:163 Resp: 364881
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Tgt Ion:165 Resp: 58372
Ion Ratio Lower Upper
165 100
63 1.5 42.6 64.0#
89 1.2 61.0 91.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

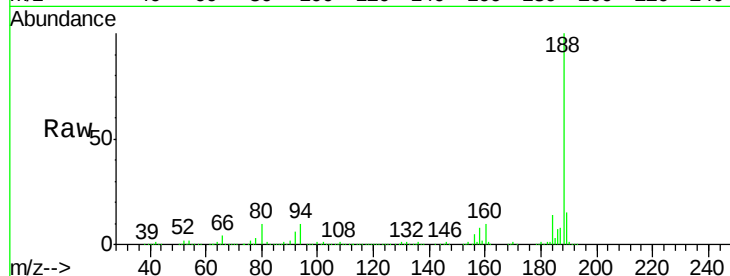
Tgt Ion:188 Resp: 730040

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

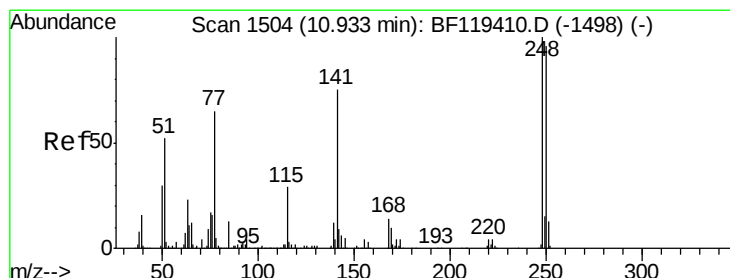
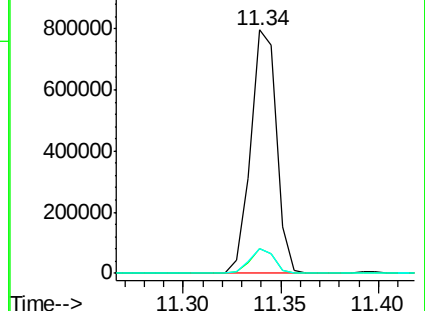
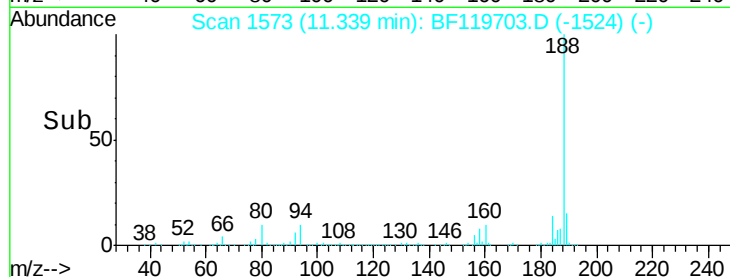
80 10.3 9.0 13.4



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: 3.25 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119703.D

Acq: 2 Apr 2020 8:01

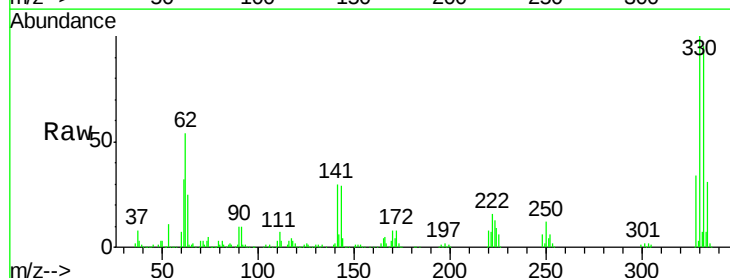
Tgt Ion:248 Resp: 26988

Ion Ratio Lower Upper

248 100

250 185.6 77.3 115.9#

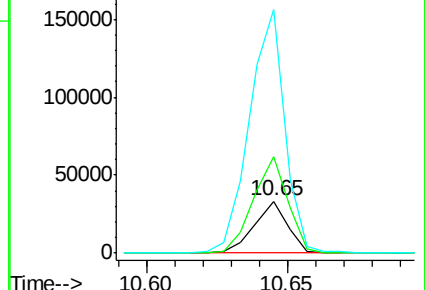
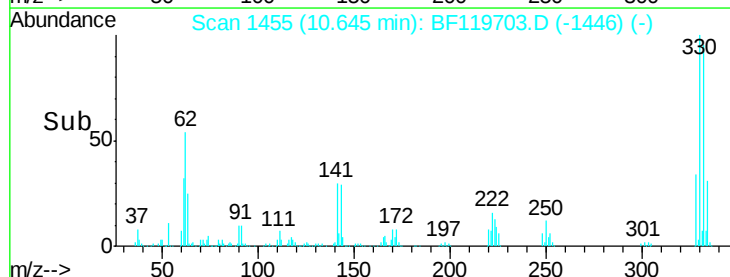
141 470.9 58.6 87.8#

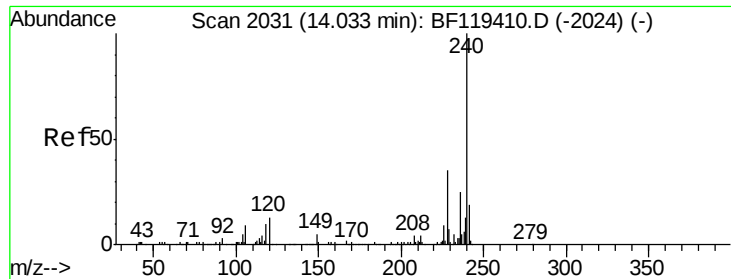


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

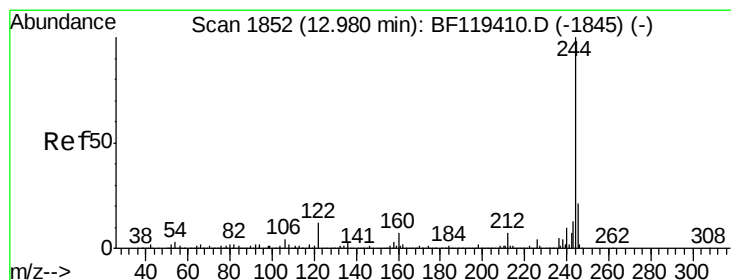
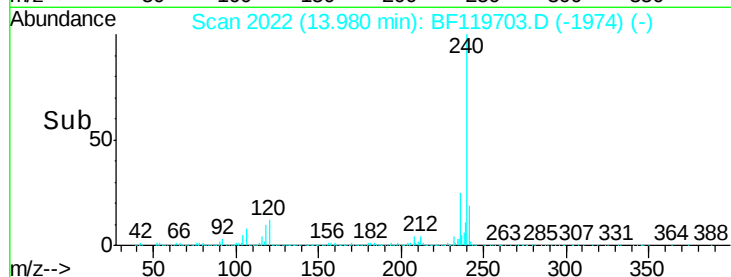
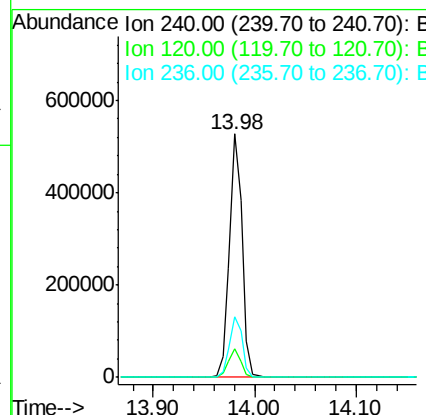
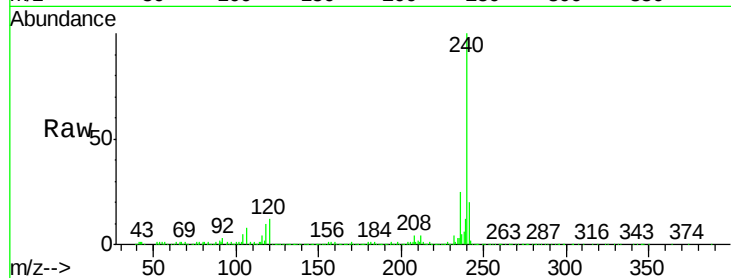




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

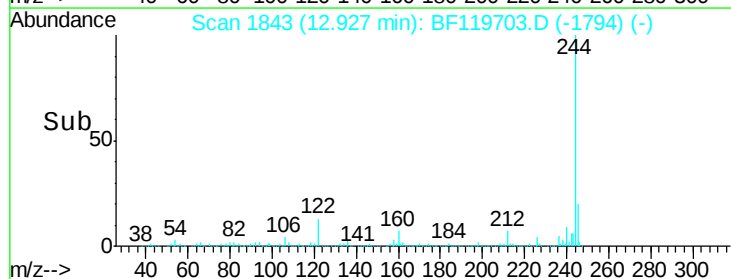
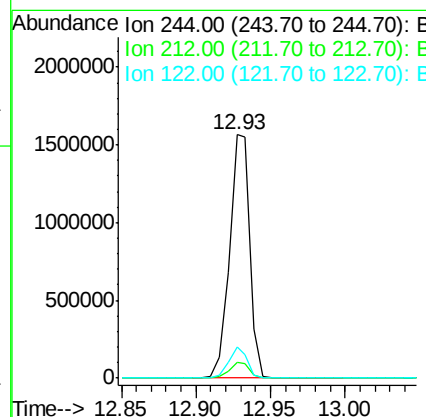
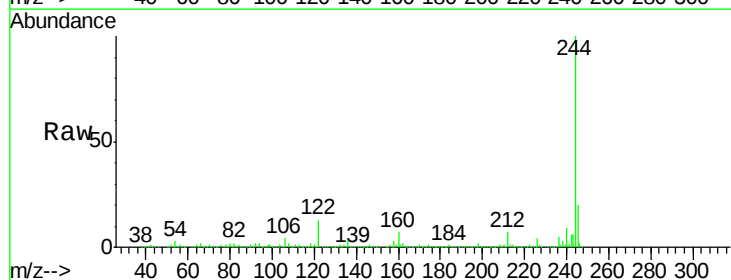
Instrument :
BNA_F
ClientSampleId :
HD-02-033020

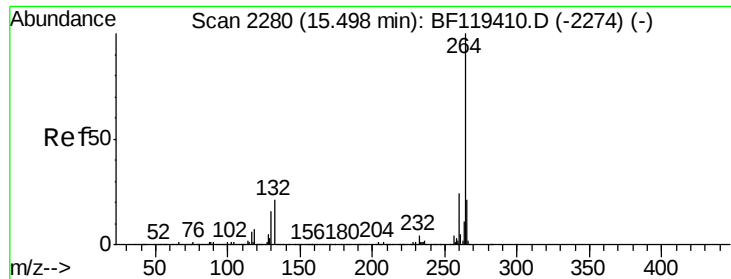
Tgt Ion:240 Resp: 456413
Ion Ratio Lower Upper
240 100
120 11.9 10.6 15.8
236 24.7 20.2 30.2



#79
Terphenyl-d14
Concen: 64.85 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Tgt Ion:244 Resp: 1510824
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 12.6 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119703.D
Acq: 2 Apr 2020 8:01

Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tgt Ion: 264 Resp: 420630
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 21.9 17.7 26.5

