

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
 Data File : BF119661.D
 Acq On : 31 Mar 2020 19:29
 Operator : MA/SJ
 Sample : L2055-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-(1-3)

Quant Time: Apr 01 00:04:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

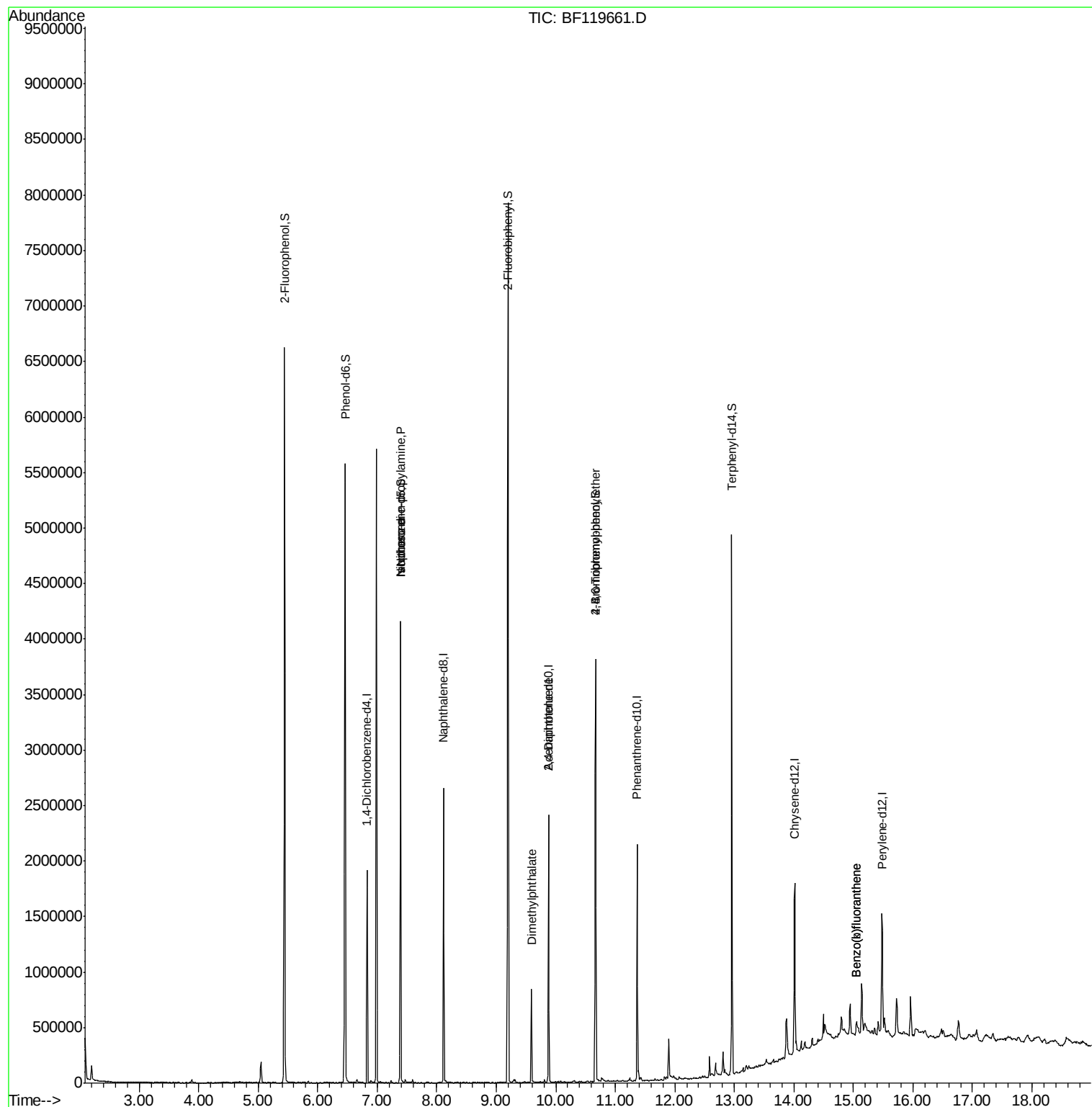
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	284665	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1015029	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	472602	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	735905	20.00	ng	0.00
76) Chrysene-d12	14.02	240	511487	20.00	ng	0.00
87) Perylene-d12	15.48	264	482156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1785740	99.86	ng	0.01
7) Phenol-d6	6.46	99	2236322	97.90	ng	0.00
23) Nitrobenzene-d5	7.39	82	1353550	72.47	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	438583	89.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2252344	70.60	ng	0.00
79) Terphenyl-d14	12.96	244	1810586	69.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	175560	12.75	ng	# 76
25) Isophorone	7.39	82	1343896	35.47	ng	# 65
50) Dimethylphthalate	9.59	163	330820	9.85	ng	99
57) 2,4-Dinitrotoluene	9.88	165	62231	6.87	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	26820	3.20	ng	# 1
88) Benzo(b)fluoranthene	15.05	252	93158	2.89	ng	# 89
89) Benzo(k)fluoranthene	15.05	252	93158	3.04	ng	# 90

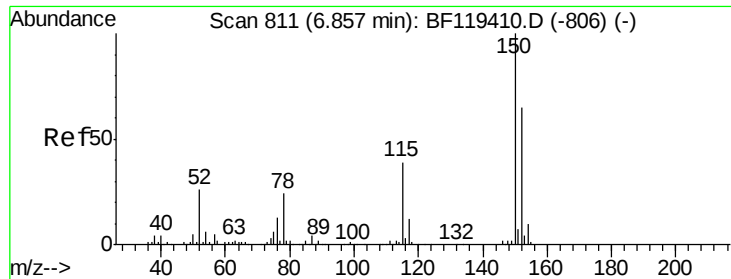
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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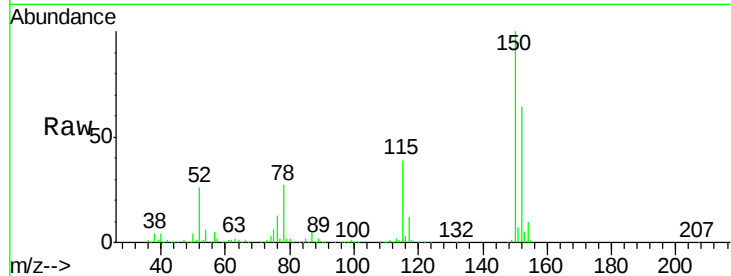


#1

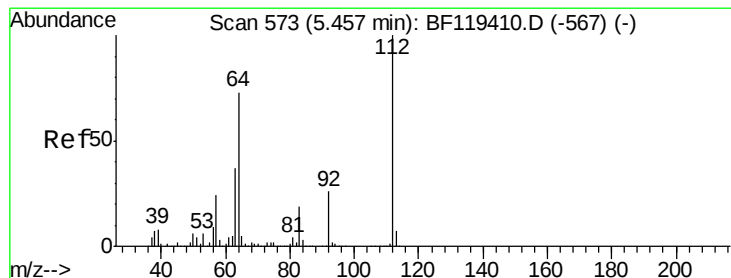
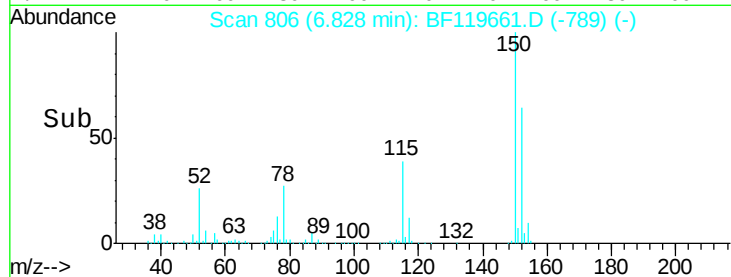
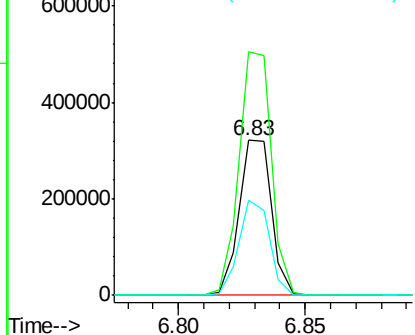
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SB-10-(1-3)

Tgt Ion:152 Resp: 284665
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 61.3 49.6 74.4



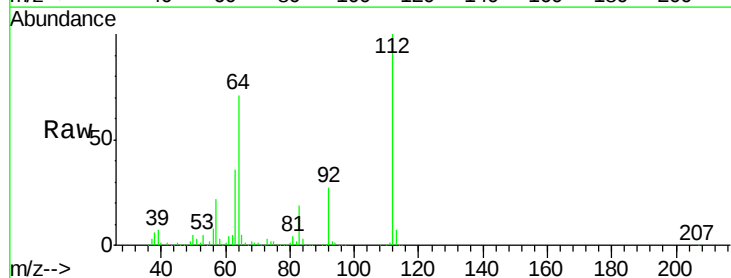
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



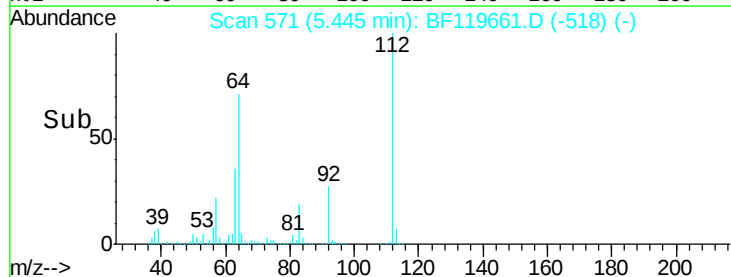
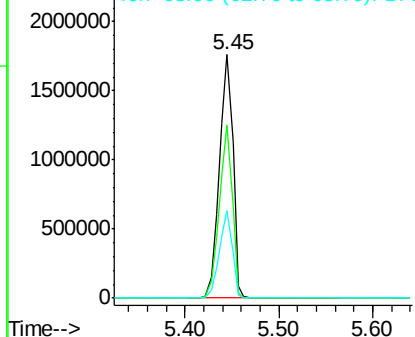
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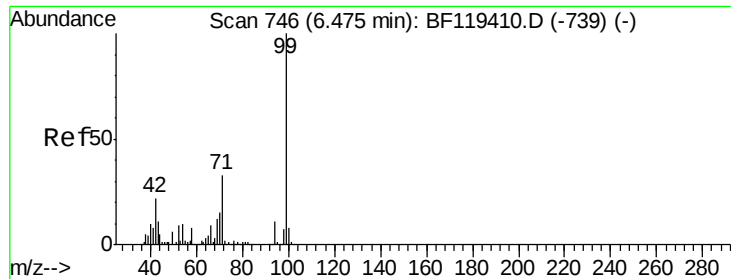
2-Fluorophenol
Concen: 99.86 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Tgt Ion:112 Resp: 1785740
Ion Ratio Lower Upper
112 100
64 71.0 56.7 85.1
63 35.8 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: 97.90 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SB-10-(1-3)

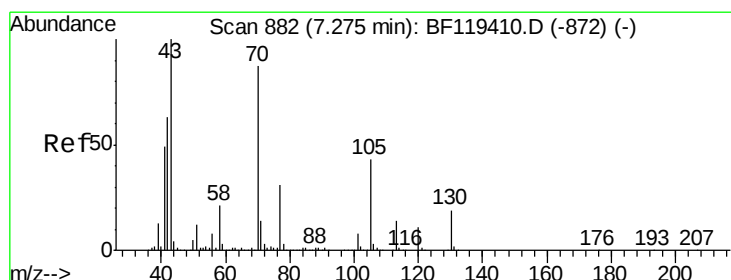
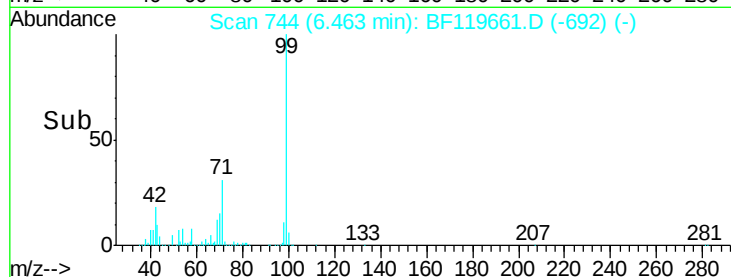
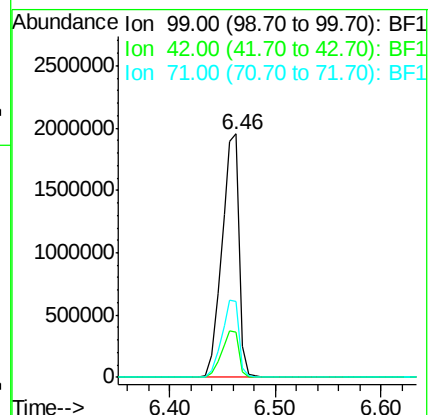
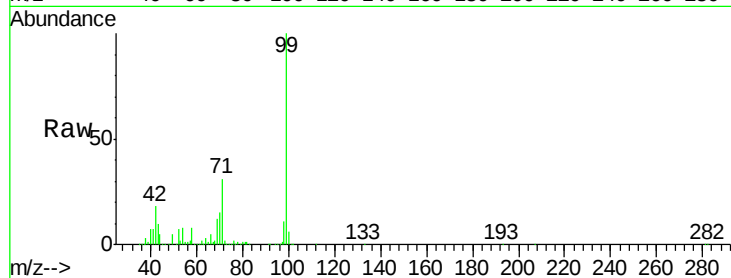
Tgt Ion: 99 Resp: 2236322

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

71 31.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.75 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

Tgt Ion: 70 Resp: 175560

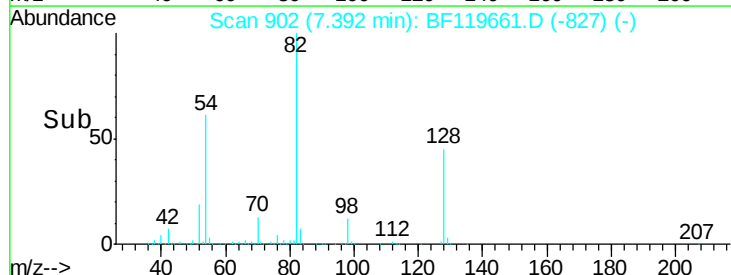
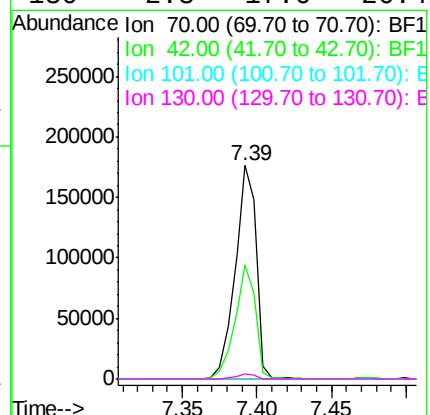
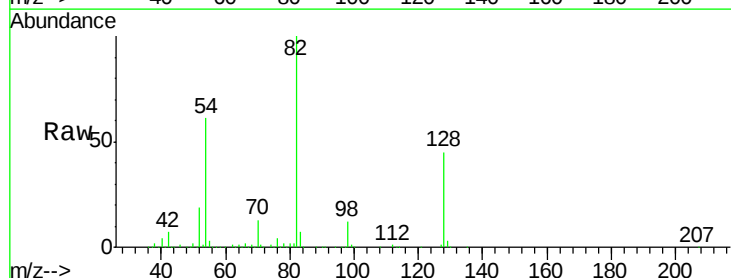
Ion Ratio Lower Upper

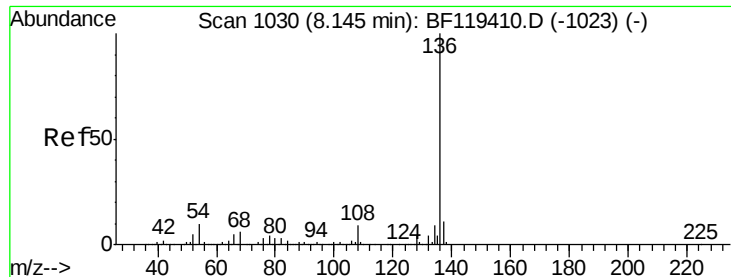
70 100

42 53.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#



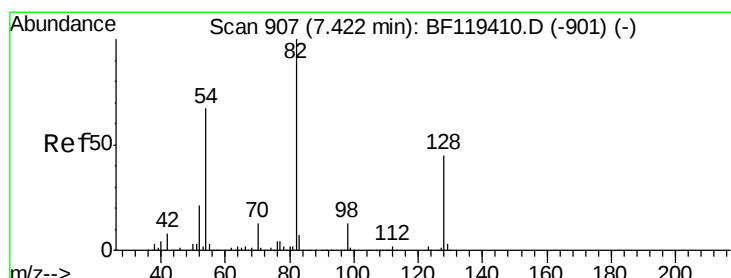
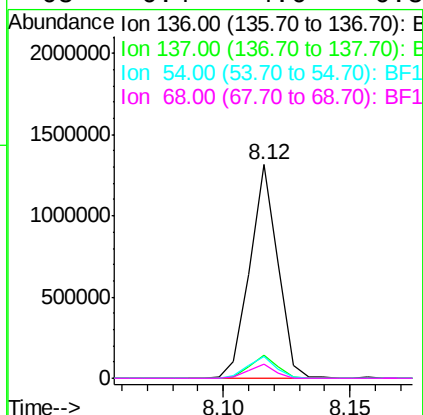
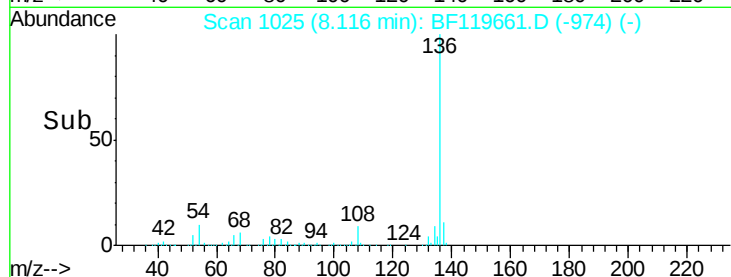
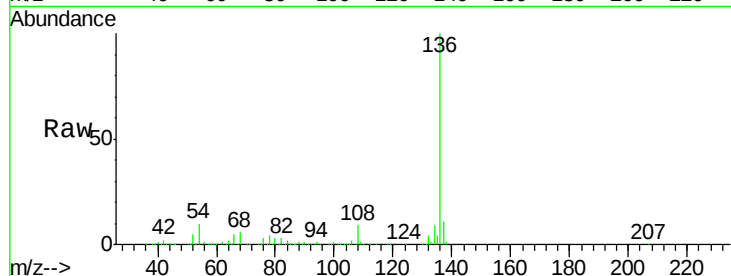


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SB-10-(1-3)

Tgt Ion:136 Resp: 1015029

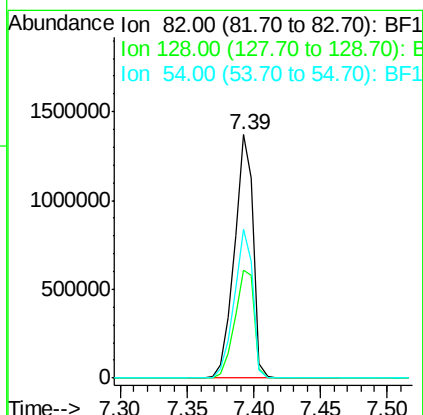
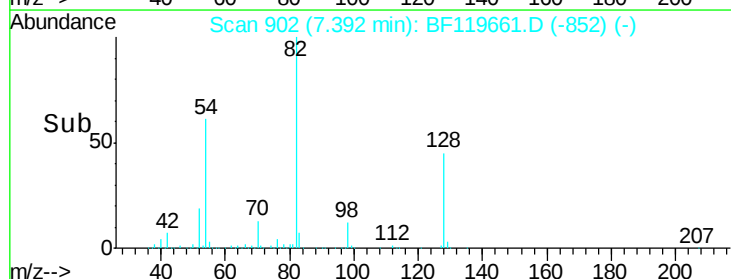
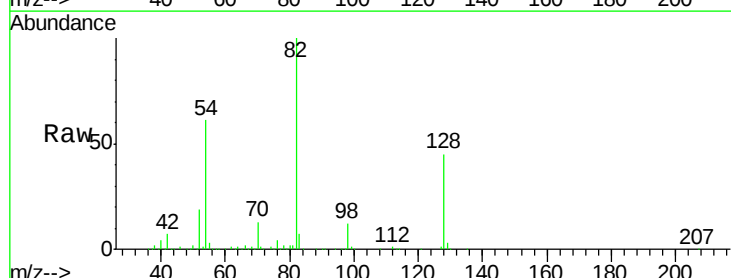
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.5	9.1	13.7
68	6.4	4.6	6.8

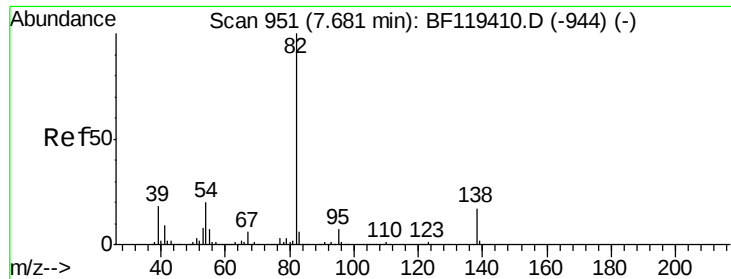


#23
Nitrobenzene-d5
Concen: 72.47 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Tgt Ion: 82 Resp: 1353550

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	61.2	50.6	75.8





#25

Isophorone

Concen: 35.47 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SB-10-(1-3)

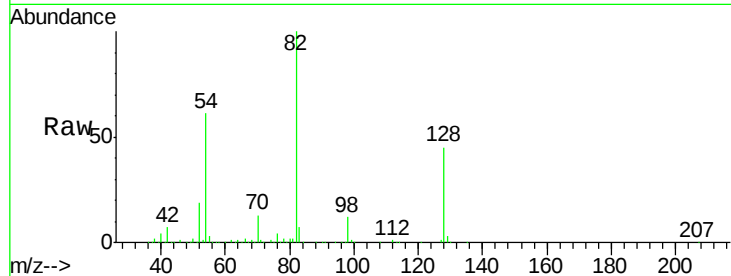
Tgt Ion: 82 Resp: 1343896

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

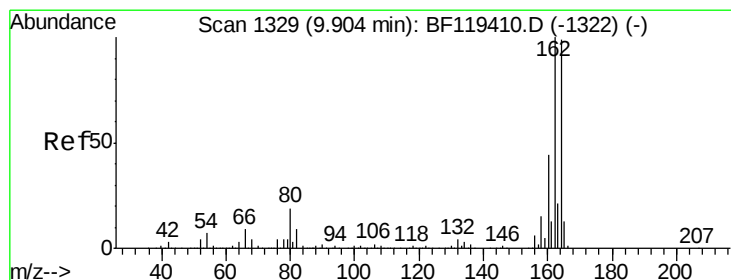
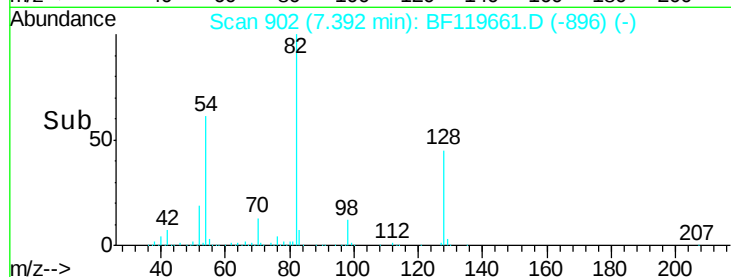
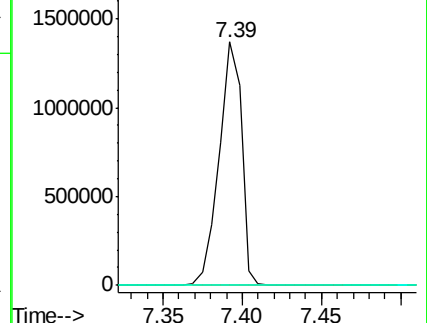
138 0.0 14.6 21.8#



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: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

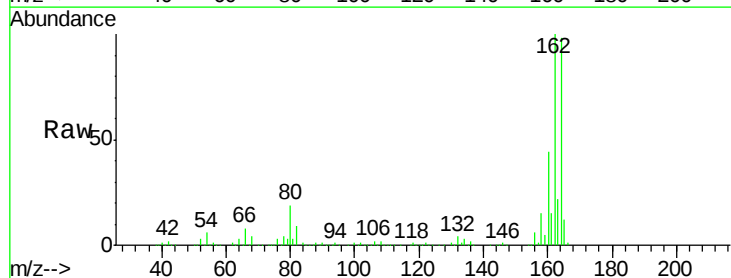
Tgt Ion: 164 Resp: 472602

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

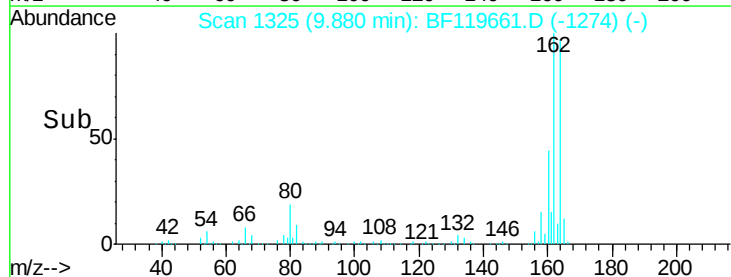
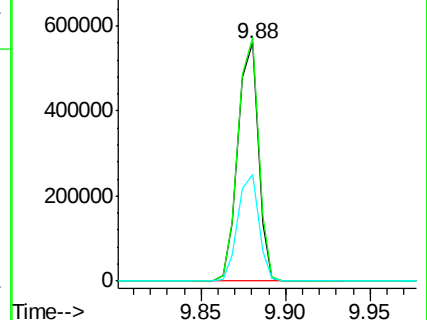
160 44.9 35.7 53.5



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

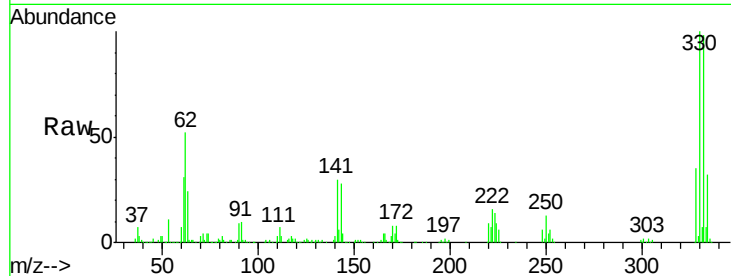




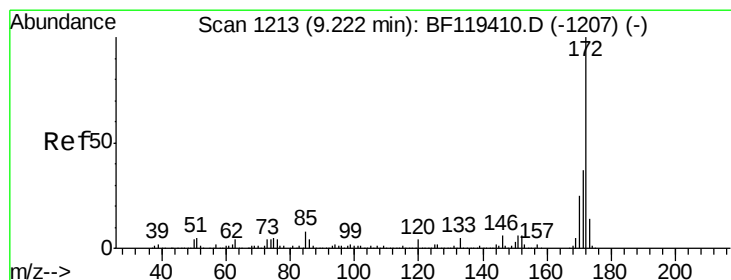
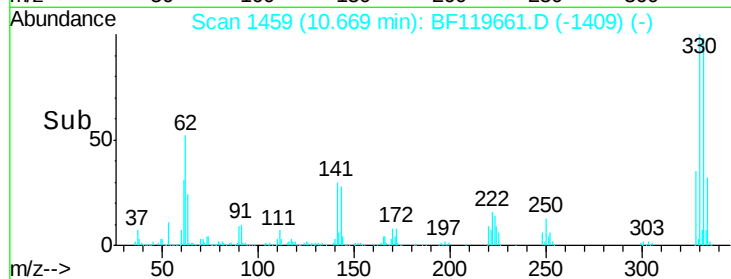
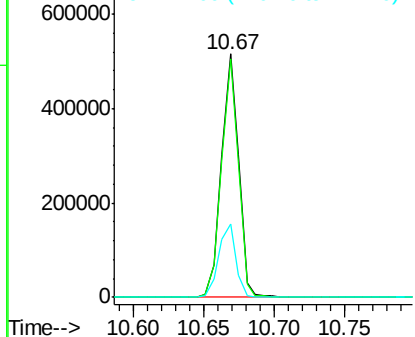
#42
 2,4,6-Tribromophenol
 Concen: 89.95 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119661.D
 Acq: 31 Mar 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-(1-3)

Tgt Ion:330 Resp: 438583
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 30.4 25.4 38.0

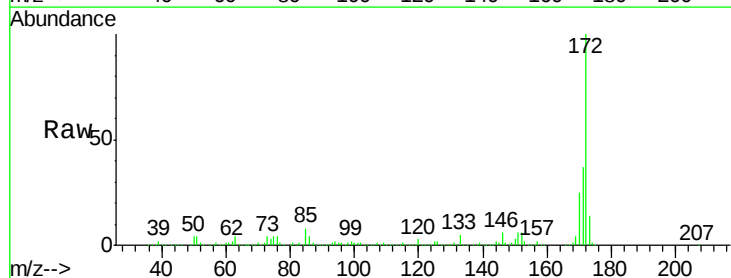


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

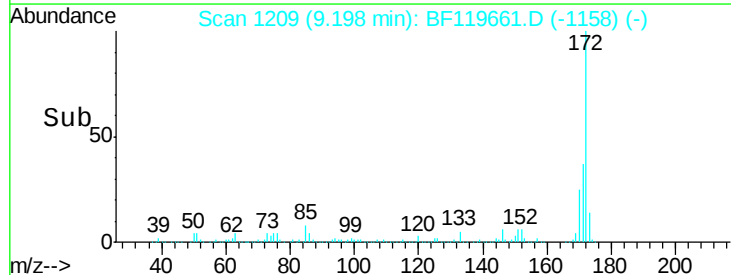
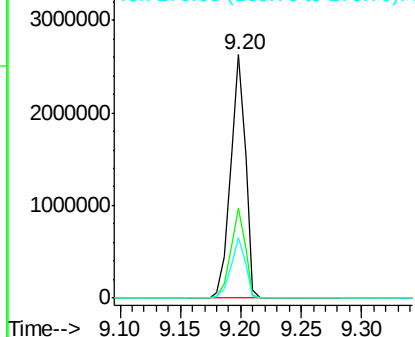


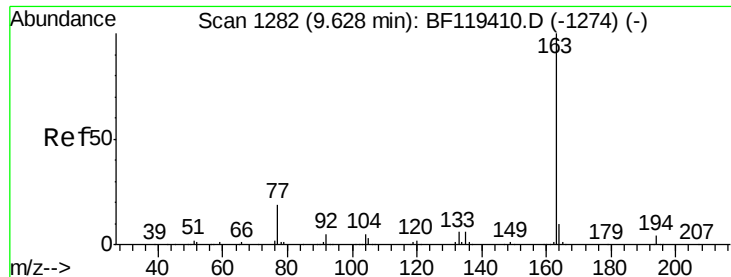
#45
 2-Fluorobiphenyl
 Concen: 70.60 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119661.D
 Acq: 31 Mar 2020 19:29

Tgt Ion:172 Resp: 2252344
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

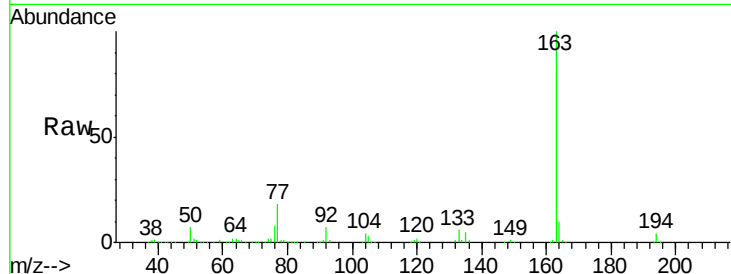




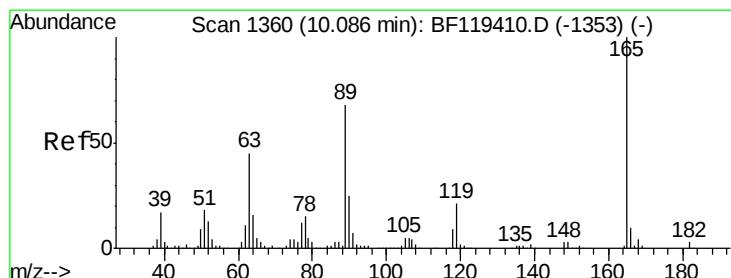
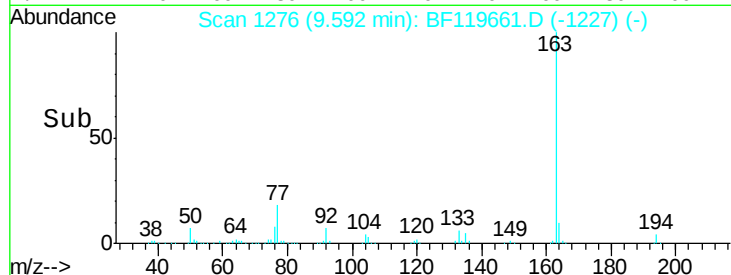
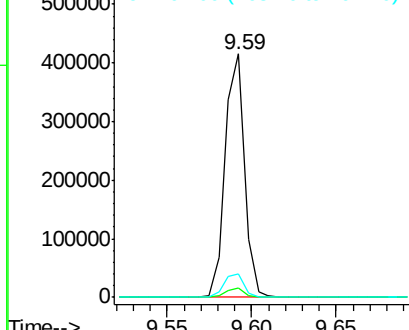
#50
Dimethylphthalate
Concen: 9.85 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Instrument :
BNA_F
ClientSampled :
SB-10-(1-3)

Tgt Ion:163 Resp: 330820
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.6 8.2 12.2

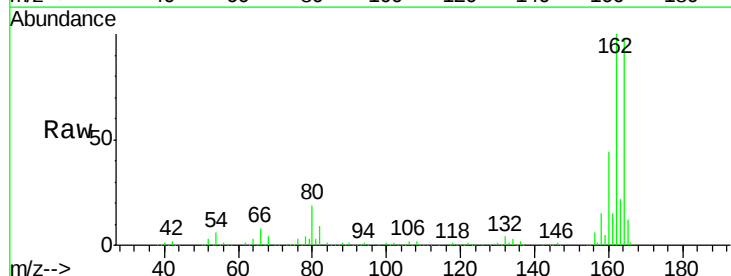


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

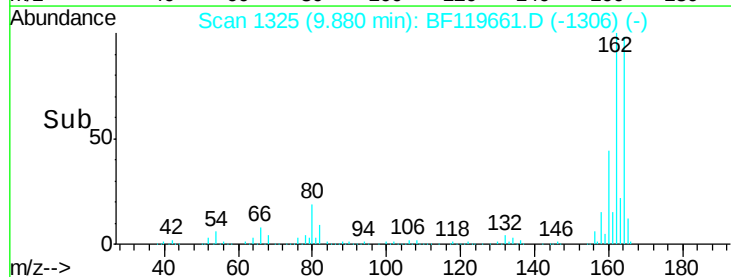
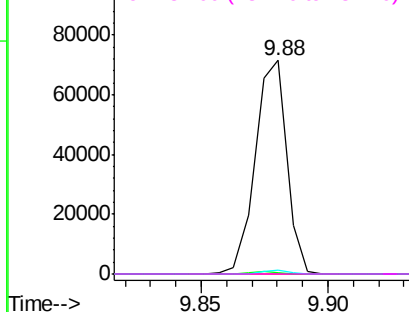


#57
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Tgt Ion:165 Resp: 62231
Ion Ratio Lower Upper
165 100
63 0.9 42.6 64.0#
89 1.7 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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SB-10-(1-3)

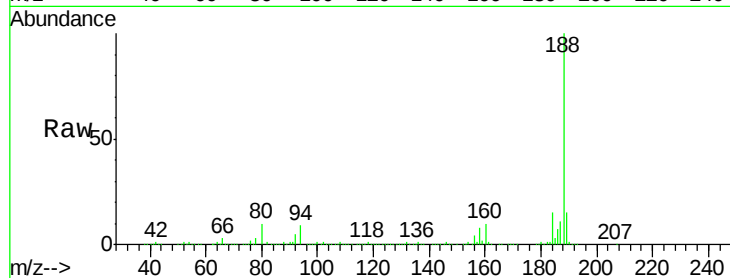
Tgt Ion:188 Resp: 735905

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

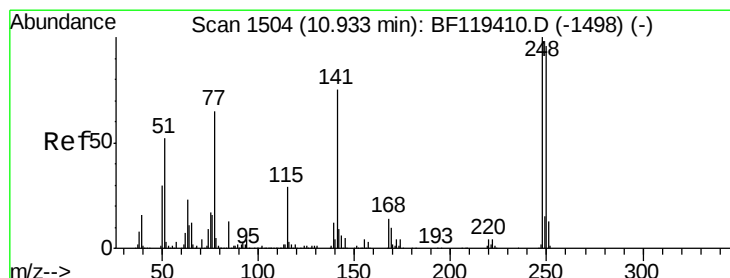
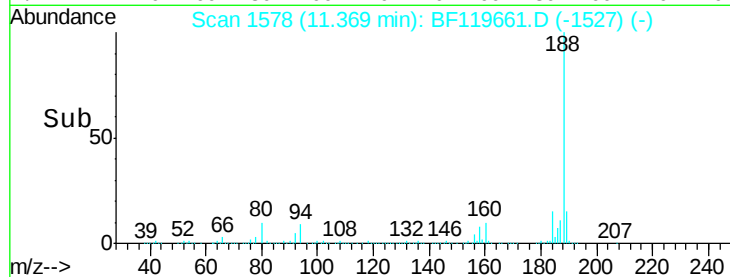
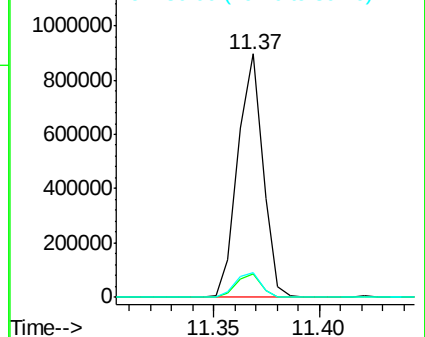
80 10.1 9.0 13.4



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: 3.20 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119661.D

Acq: 31 Mar 2020 19:29

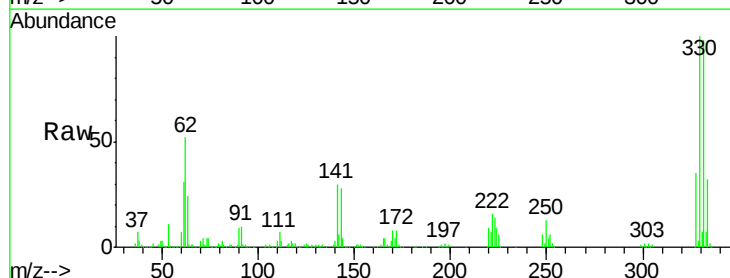
Tgt Ion:248 Resp: 26820

Ion Ratio Lower Upper

248 100

250 200.0 77.3 115.9#

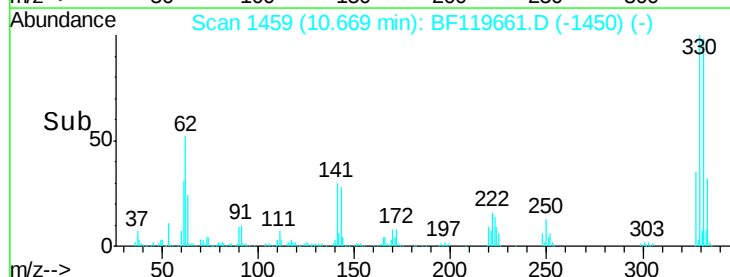
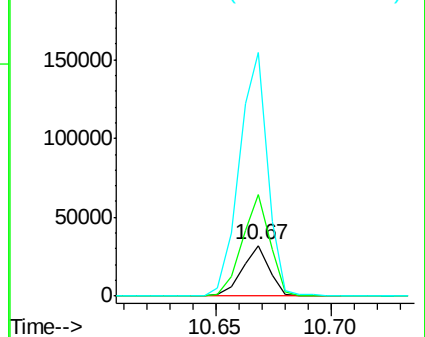
141 478.6 58.6 87.8#

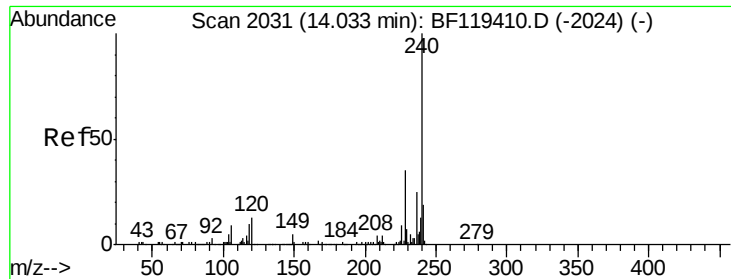


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

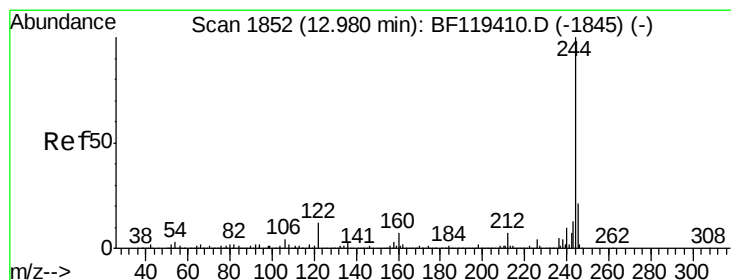
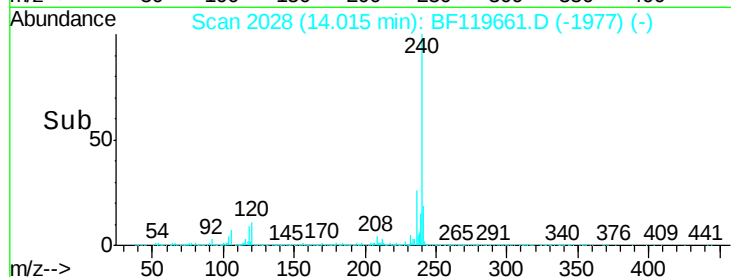
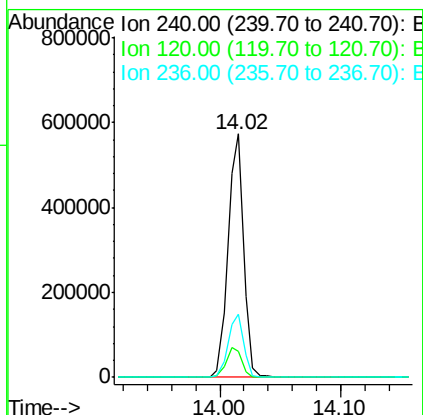
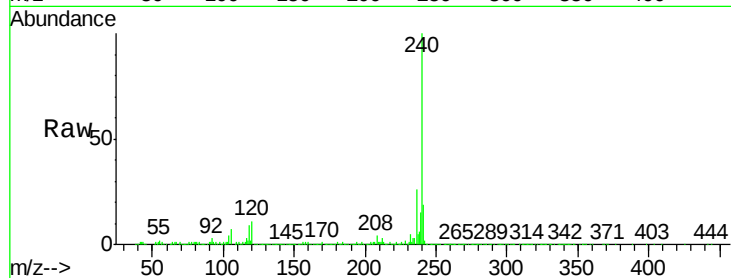




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

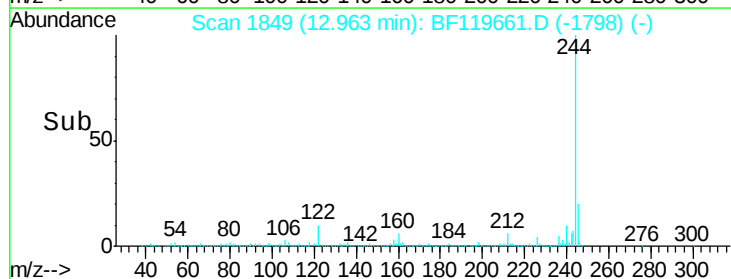
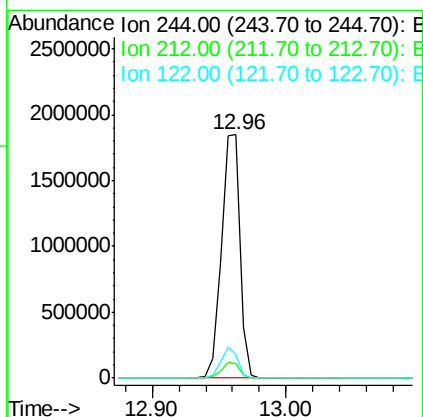
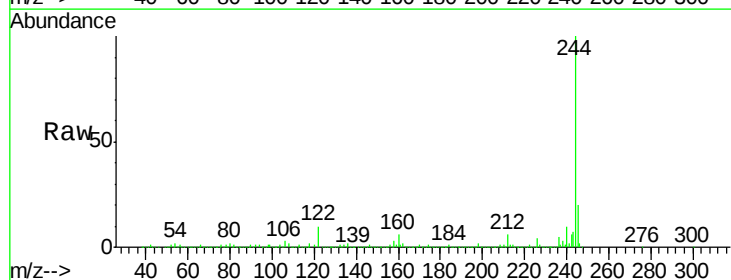
Instrument :
BNA_F
ClientSampleId :
SB-10-(1-3)

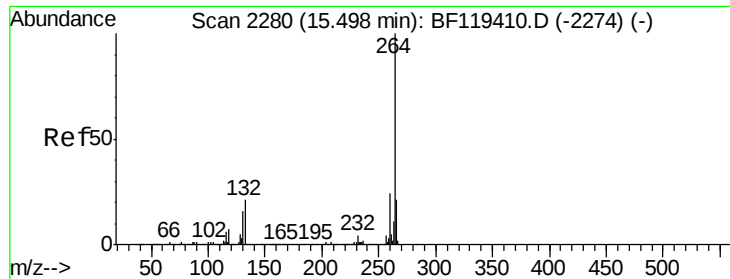
Tgt Ion:240 Resp: 511487
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 69.35 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Tgt Ion:244 Resp: 1810586
Ion Ratio Lower Upper
244 100
212 5.9 5.8 8.8
122 9.7 10.3 15.5#

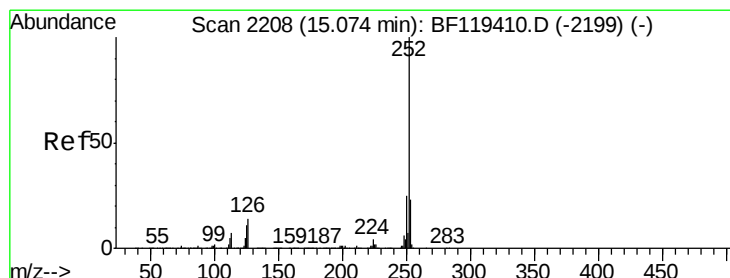
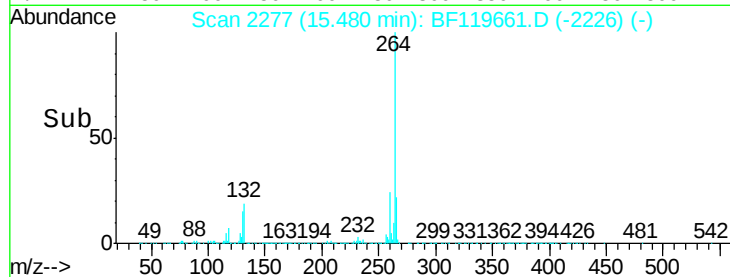
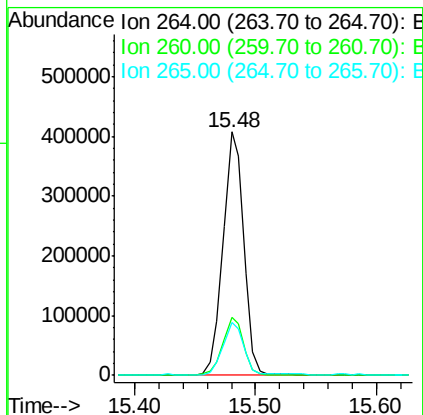
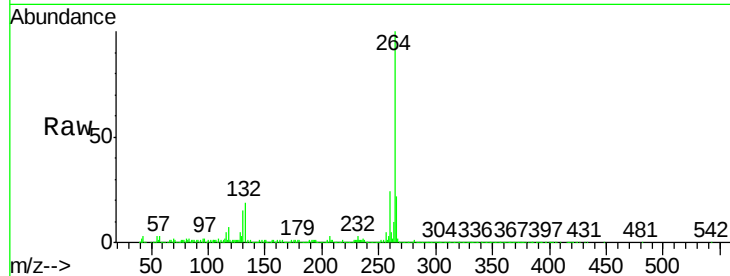




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

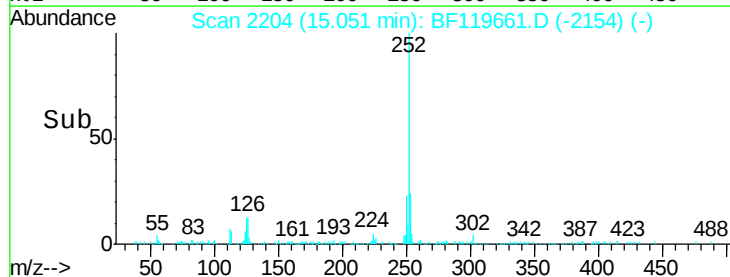
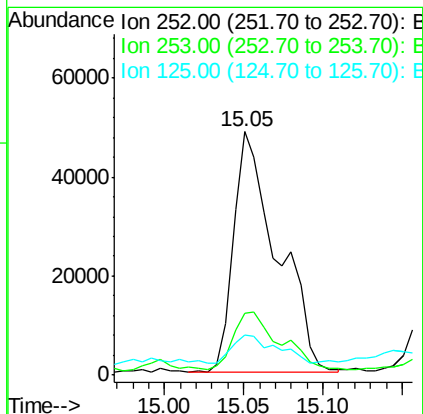
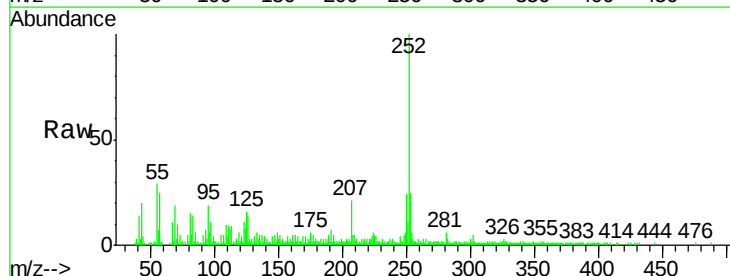
Instrument :
BNA_F
ClientSampleId :
SB-10-(1-3)

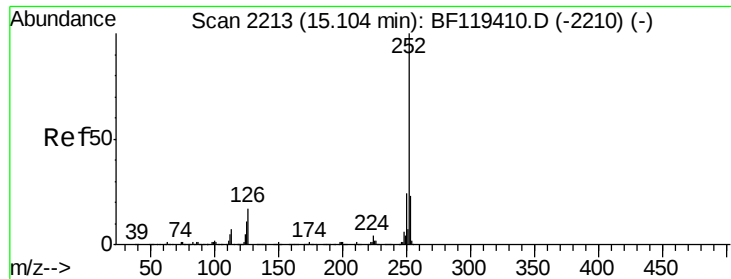
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 2.89 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119661.D
Acq: 31 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	16.3	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 3.04 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BF119661.D

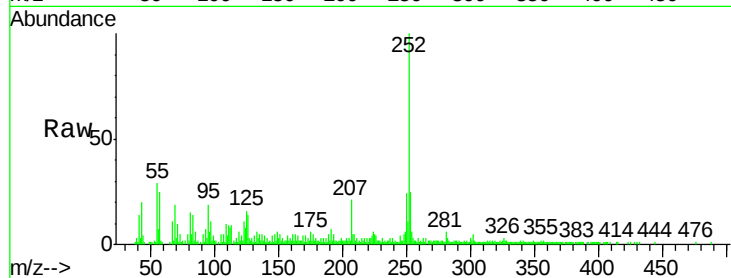
Acq: 31 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SB-10-(1-3)



Tgt Ion:	252	Resp:	93158
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	16.3	8.4	12.6#

