

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126562.D
 Acq On : 10 Jan 2022 13:28
 Operator : JU/CG
 Sample : N1065-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMI-2

Quant Time: Jan 10 17:15:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

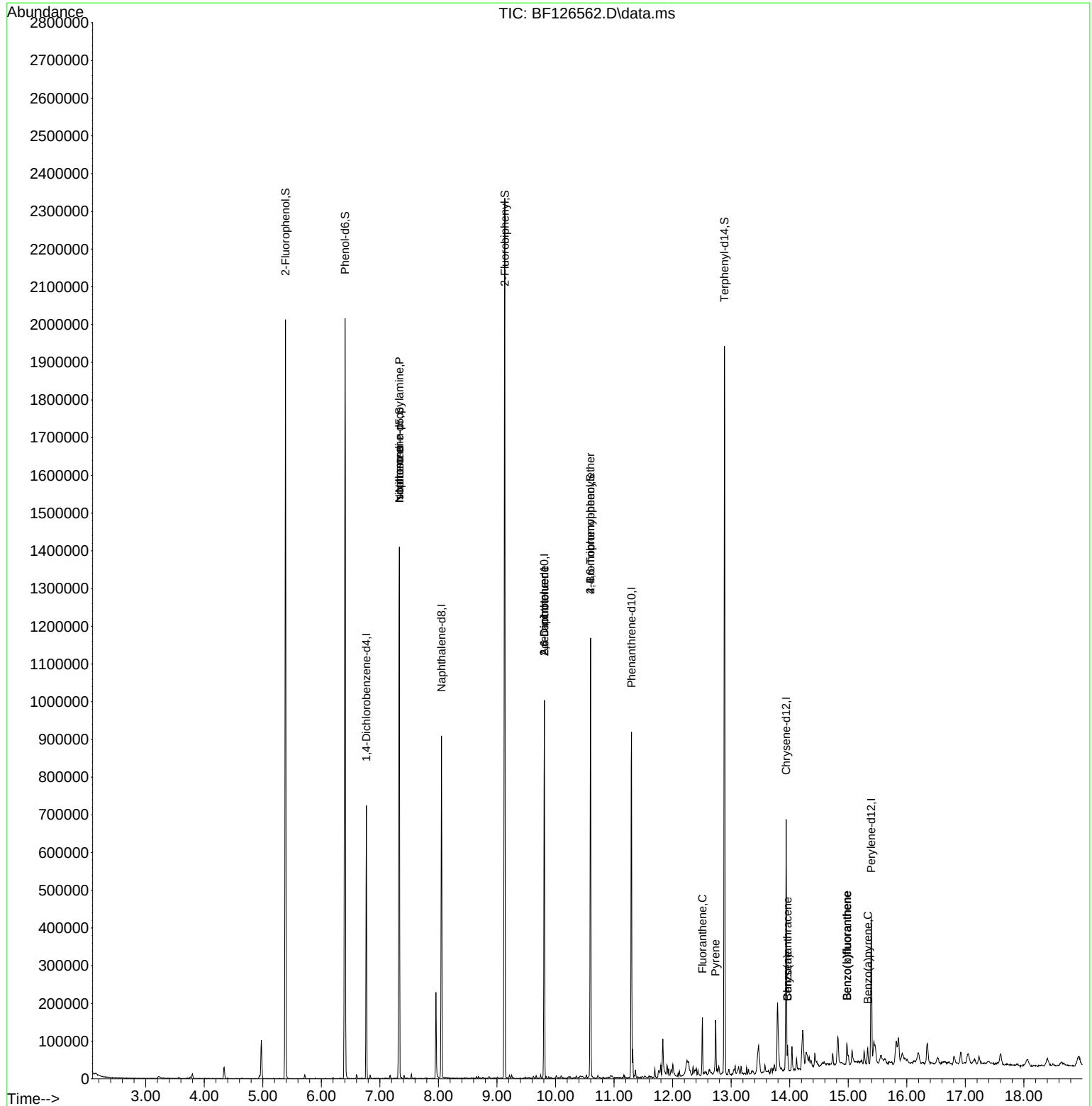
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	96859	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	417224	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	204094	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	332098	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	193952	20.000	ng	0.00
86) Perylene-d12	15.392	264	165353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	563201	83.502	ng	0.00
7) Phenol-d6	6.404	99	795781	91.093	ng	0.00
23) Nitrobenzene-d5	7.333	82	510782	62.860	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	133506	84.651	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	784664	67.655	ng	0.00
79) Terphenyl-d14	12.886	244	694974	69.620	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	65524	13.144	ng	# 80
25) Isophorone	7.333	82	510554	35.099	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	26470	9.620	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	26470	7.456	ng	# 15
67) 4-Bromophenyl-phenylether	10.598	248	7018	2.381	ng	# 1
75) Fluoranthene	12.510	202	54431	3.513	ng	97
77) Benzidine	12.886	184	8687	Below Cal		# 90
78) Pyrene	12.733	202	55827	3.406	ng	98
81) Benzo(a)anthracene	13.962	228	23775	2.132	ng	96
83) Chrysene	13.962	228	23775	2.078	ng	99
88) Benzo(b)fluoranthene	14.980	252	35371	3.591	ng	95
89) Benzo(k)fluoranthene	14.980	252	35371	3.707	ng	94
90) Benzo(a)pyrene	15.333	252	17820	2.158	ng	98

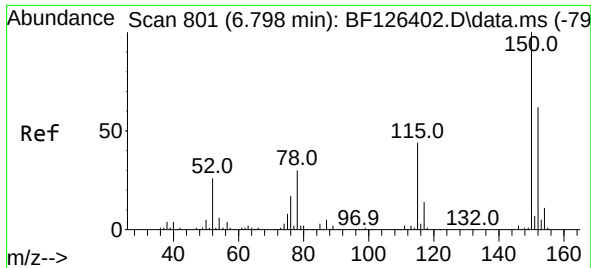
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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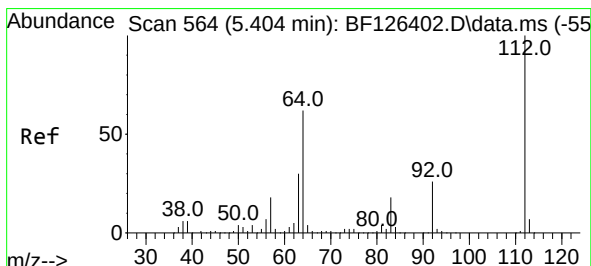
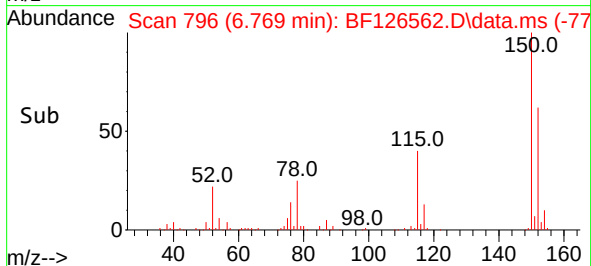
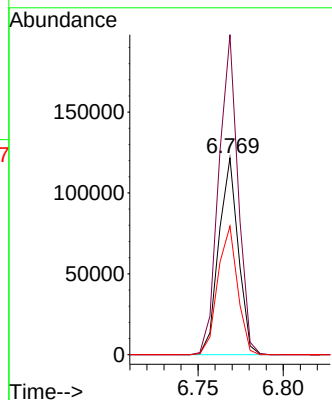
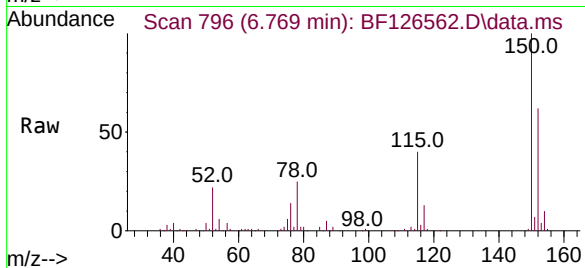




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28

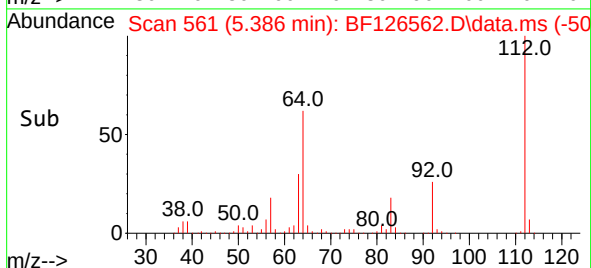
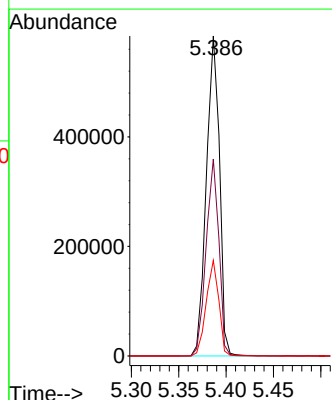
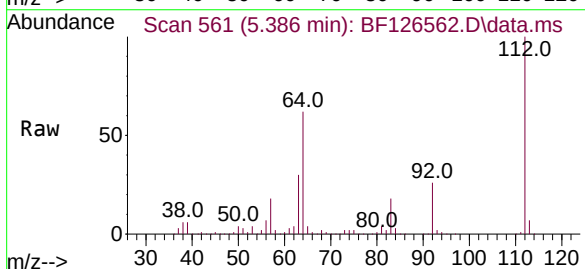
Instrument :
 BNA_F
 ClientSampleId :
 AMI-2

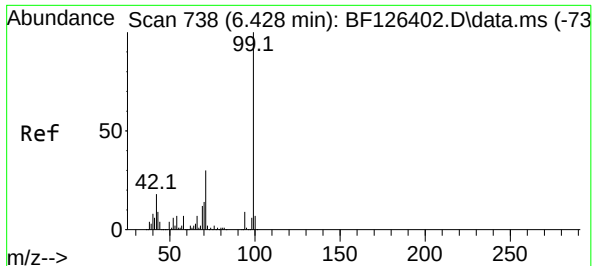
Tgt Ion:152 Resp: 96859
 Ion Ratio Lower Upper
 152 100
 150 162.6 128.1 192.1
 115 65.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 83.502 ng
 RT: 5.386 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28

Tgt Ion:112 Resp: 563201
 Ion Ratio Lower Upper
 112 100
 64 61.5 49.5 74.3
 63 29.9 23.9 35.9

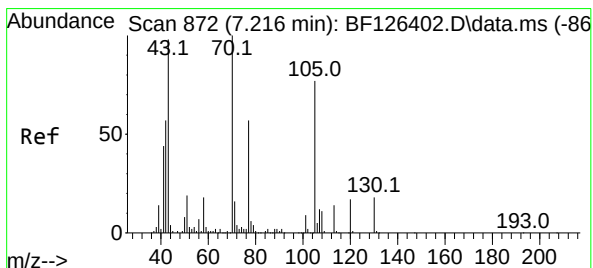
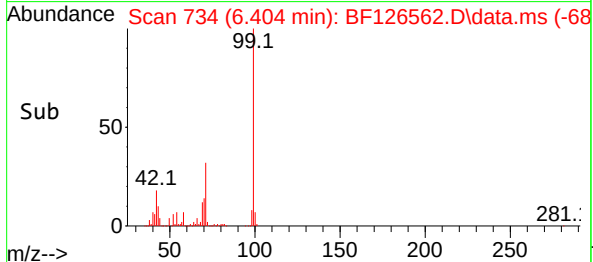
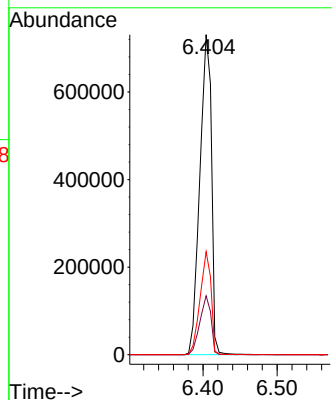
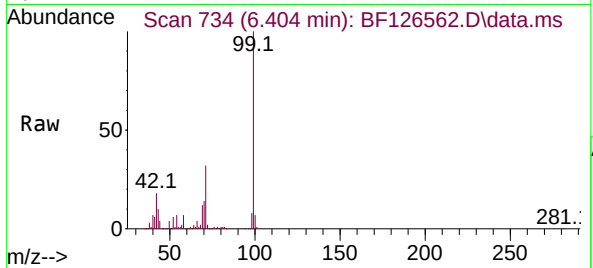




#7
Phenol-d6
Concen: 91.093 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

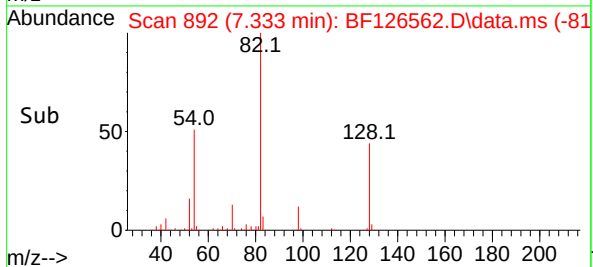
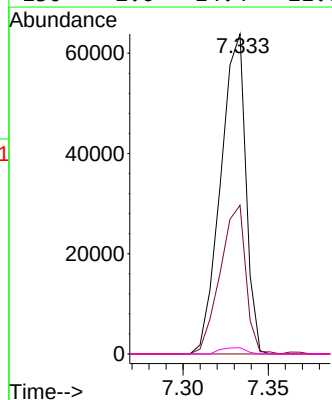
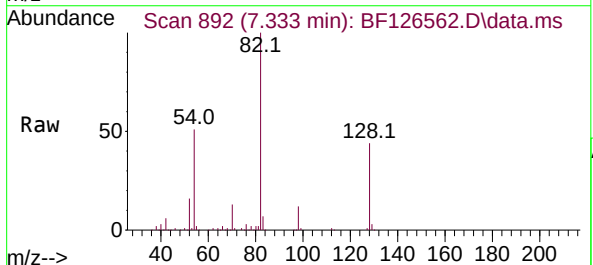
Instrument :
BNA_F
ClientSampleId :
AMI-2

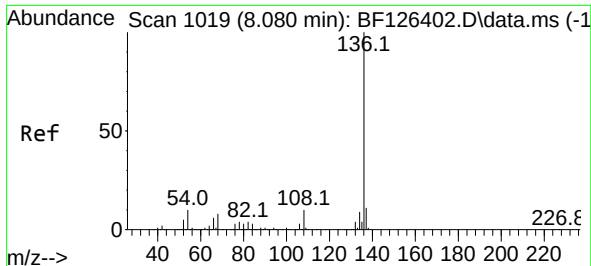
Tgt Ion: 99 Resp: 795781
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 32.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.144 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion: 70 Resp: 65524
Ion Ratio Lower Upper
70 100
42 46.5 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



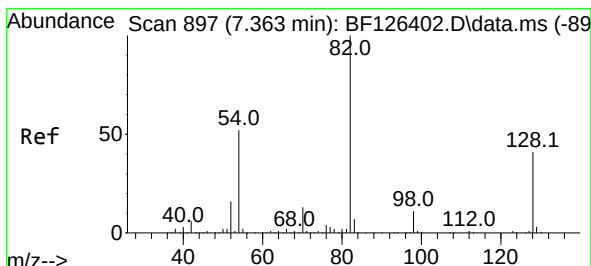
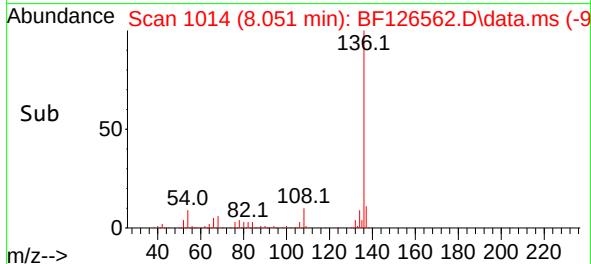
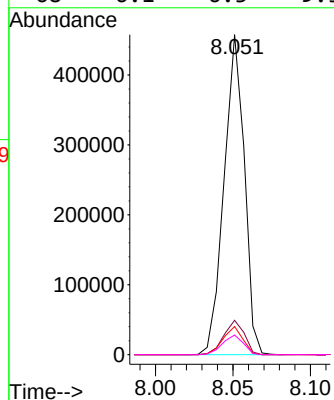
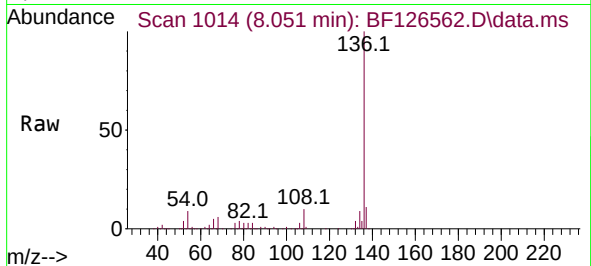


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Instrument :
BNA_F
ClientSampleId :
AMI-2

Tgt Ion:136 Resp: 417224

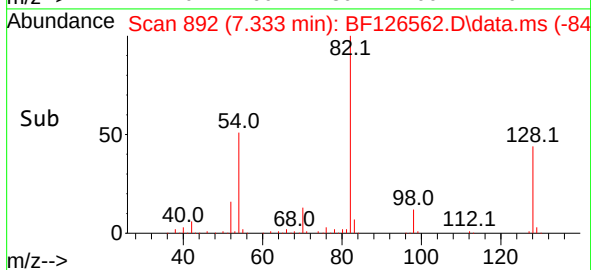
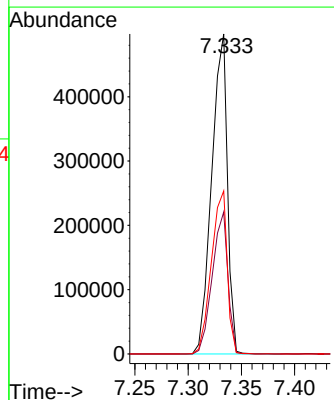
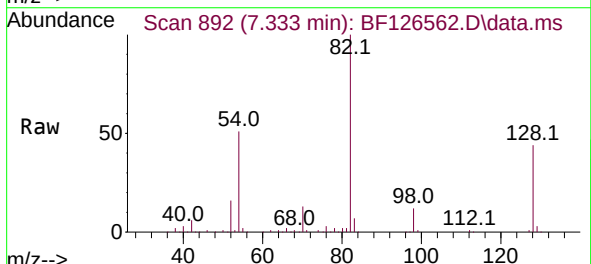
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.8	11.6
68	6.1	6.3	9.5

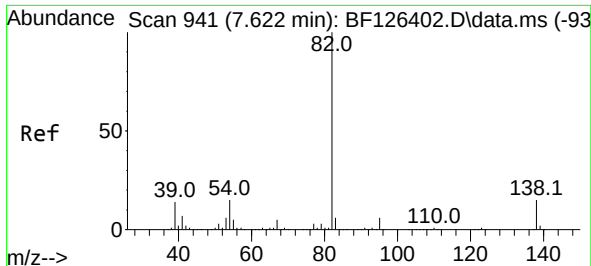


#23
Nitrobenzene-d5
Concen: 62.860 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion: 82 Resp: 510782

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.7	49.1
54	50.9	41.7	62.5

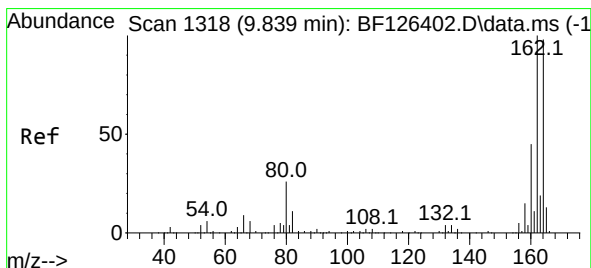
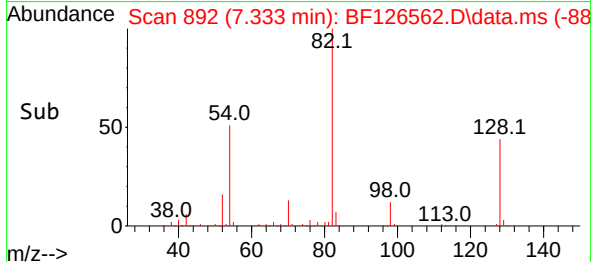
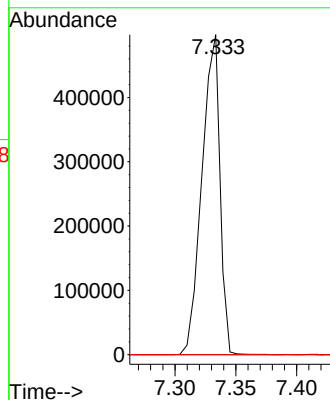
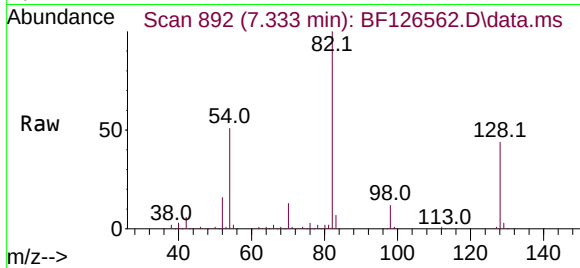




#25
Isophorone
Concen: 35.099 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

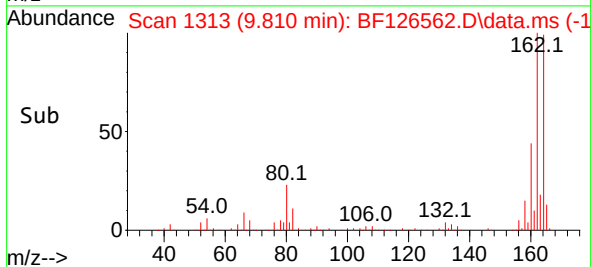
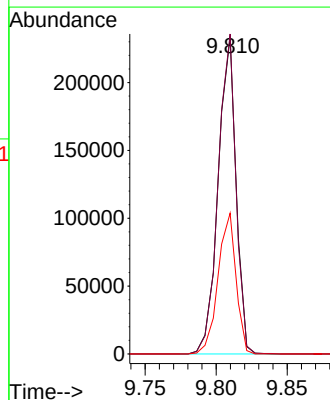
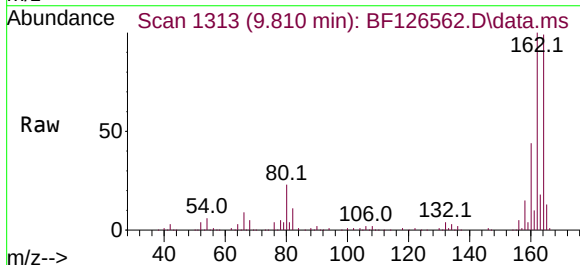
Instrument :
BNA_F
ClientSampleId :
AMI-2

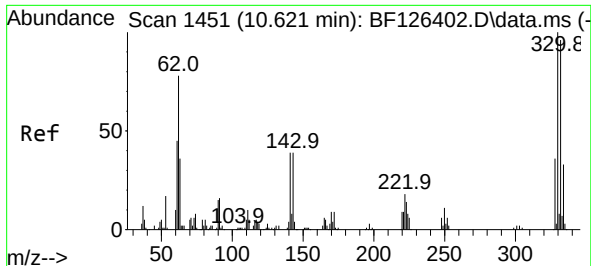
Tgt Ion: 82 Resp: 510554
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

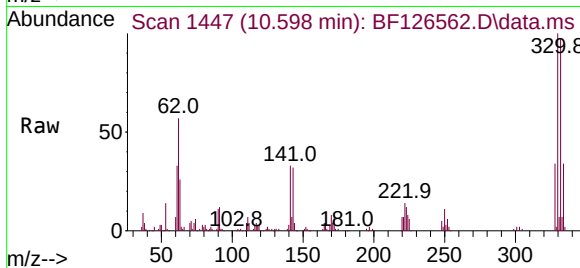
Tgt Ion: 164 Resp: 204094
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.4 36.6 54.8



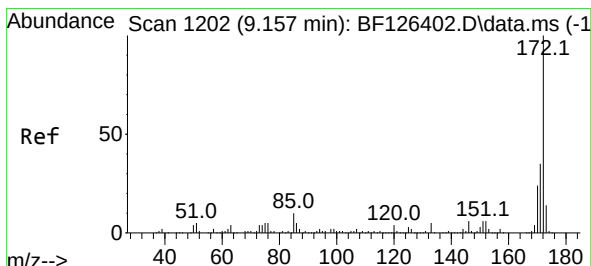
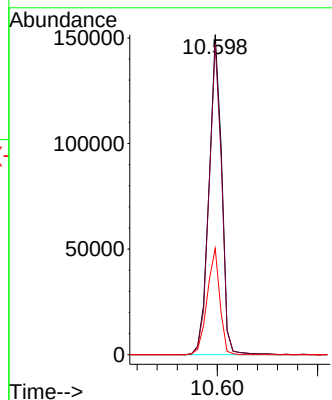
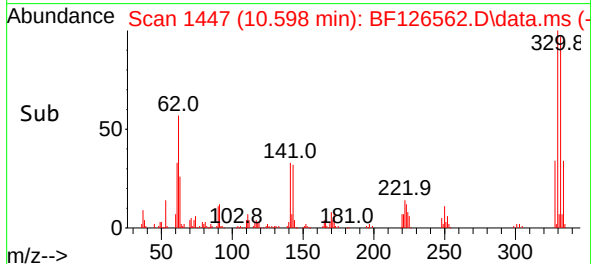


#42
2,4,6-Tribromophenol
Concen: 84.651 ng
RT: 10.598 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

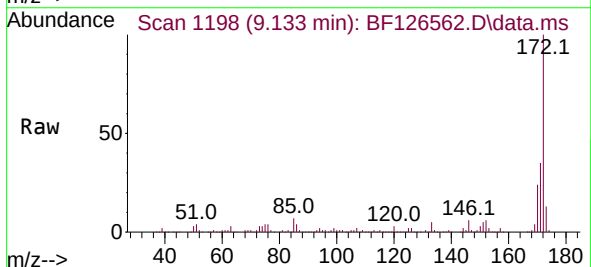
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ClientSampleId :
AMI-2



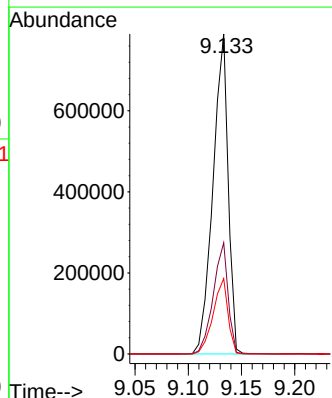
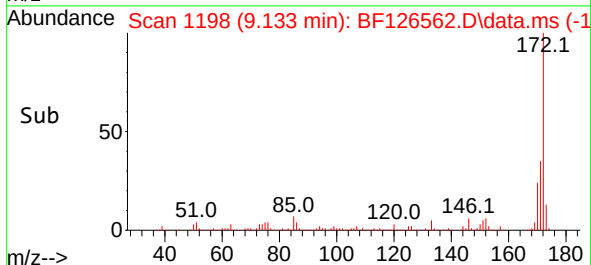
Tgt Ion:330 Resp: 133506
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.0 30.1 45.1

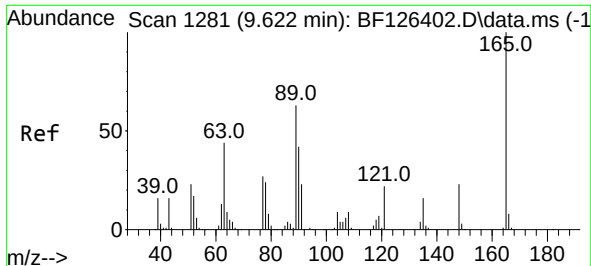


#45
2-Fluorobiphenyl
Concen: 67.655 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



Tgt Ion:172 Resp: 784664
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.0 28.6

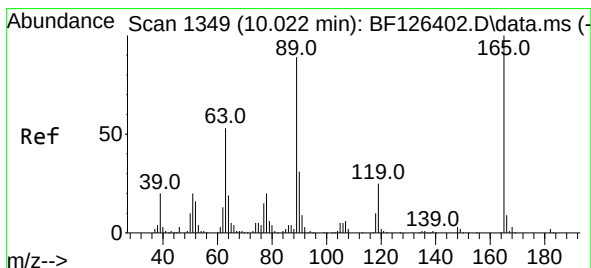
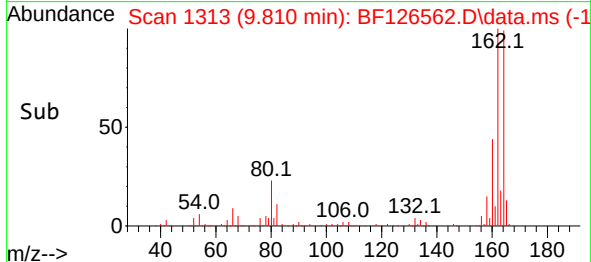
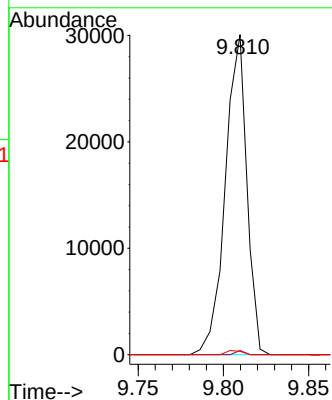
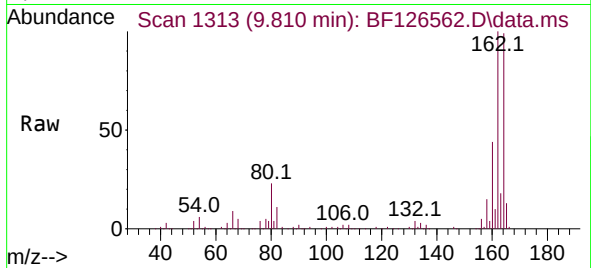




#51
2,6-Dinitrotoluene
Concen: 9.620 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

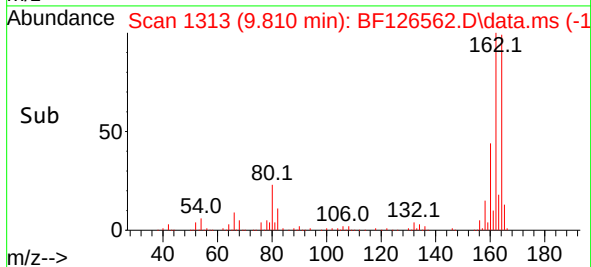
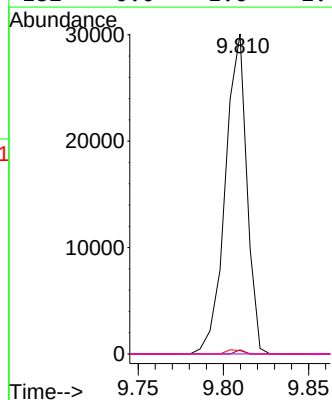
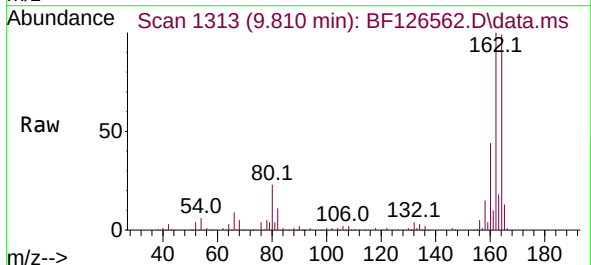
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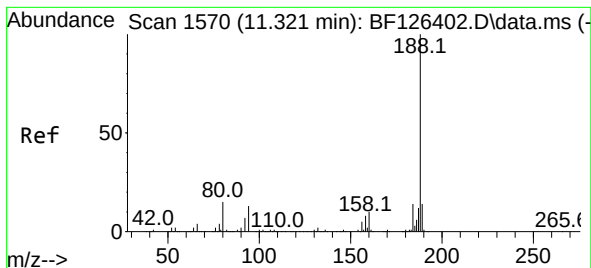
Tgt Ion:165 Resp: 26470
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.456 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion:165 Resp: 26470
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126562.D

Acq: 10 Jan 2022 13:28

Instrument :

BNA_F

ClientSampleId :

AMI-2

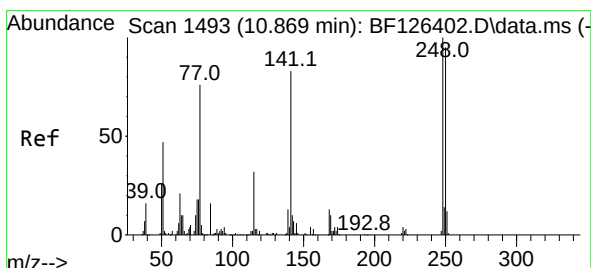
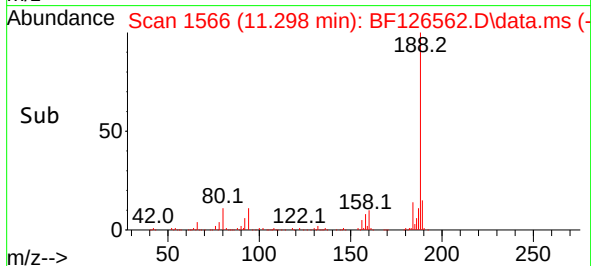
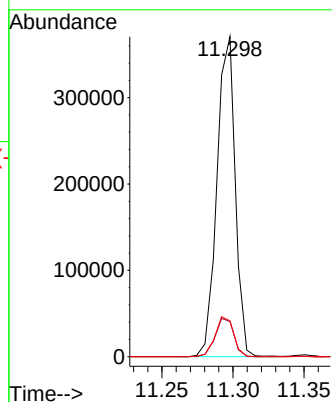
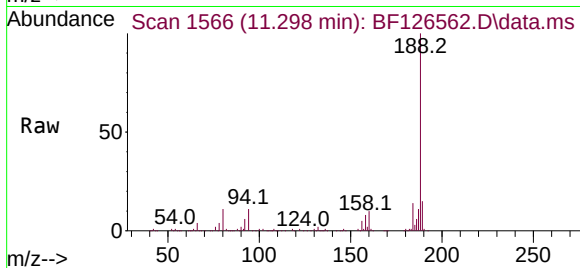
Tgt Ion:188 Resp: 332098

Ion Ratio Lower Upper

188 100

94 11.0 10.1 15.1

80 11.2 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 2.381 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.247 min

Lab File: BF126562.D

Acq: 10 Jan 2022 13:28

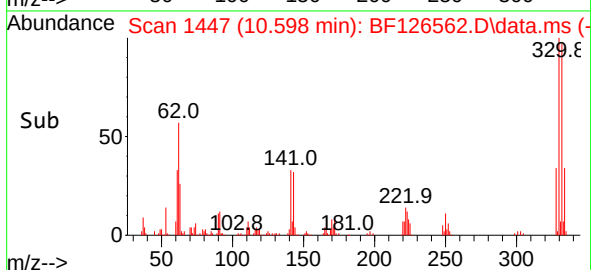
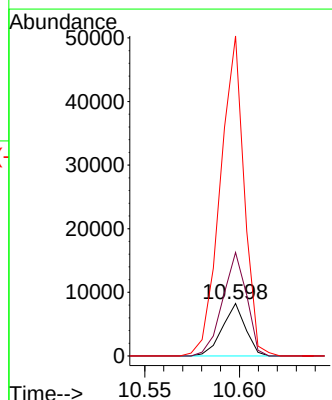
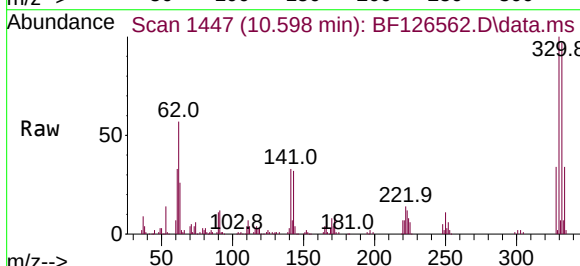
Tgt Ion:248 Resp: 7018

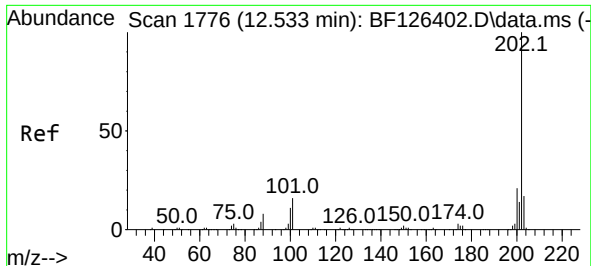
Ion Ratio Lower Upper

248 100

250 197.2 76.2 114.4#

141 609.2 66.2 99.4#

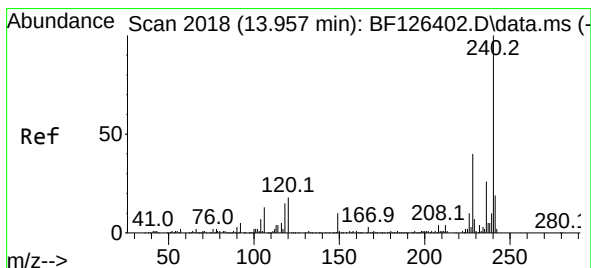
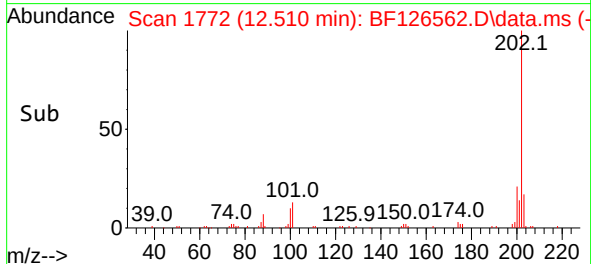
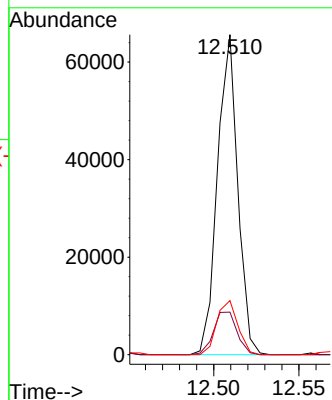
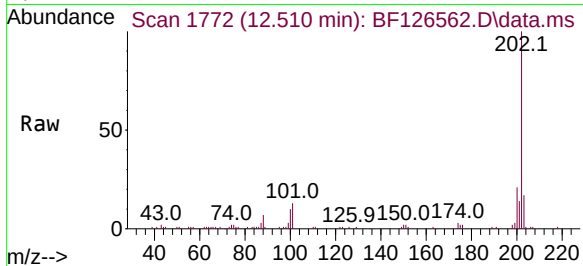




#75
Fluoranthene
Concen: 3.513 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

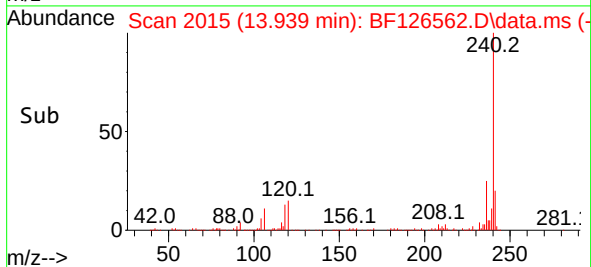
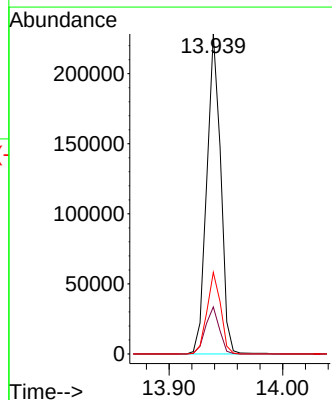
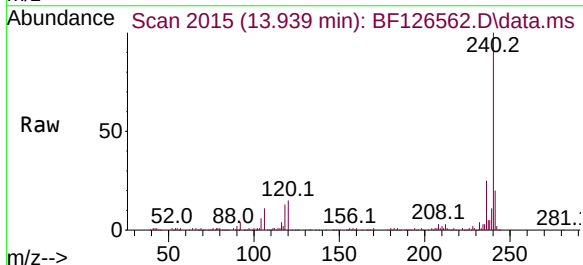
Instrument :
BNA_F
ClientSampleId :
AMI-2

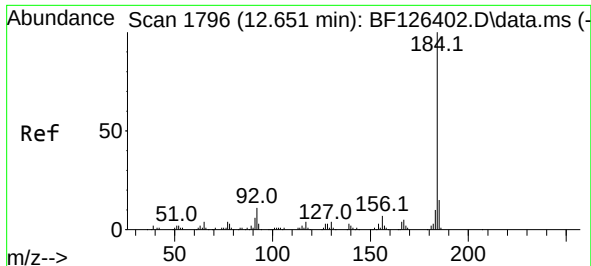
Tgt Ion:202 Resp: 54431
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 16.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion:240 Resp: 193952
Ion Ratio Lower Upper
240 100
120 14.7 14.4 21.6
236 25.5 20.5 30.7

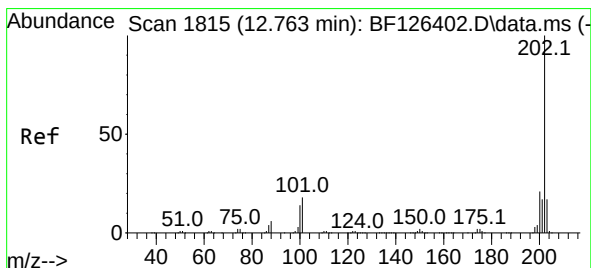
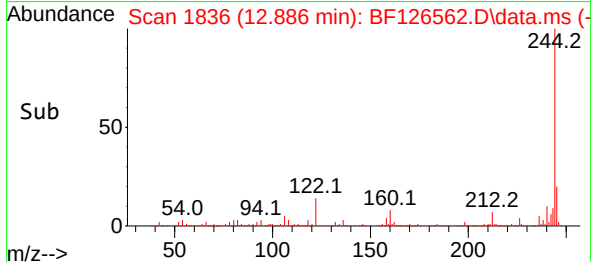
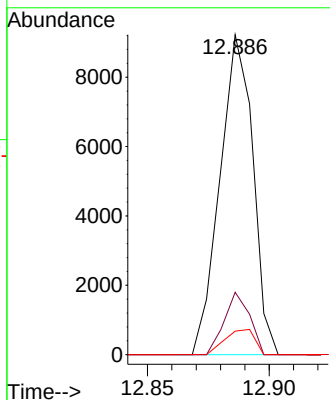
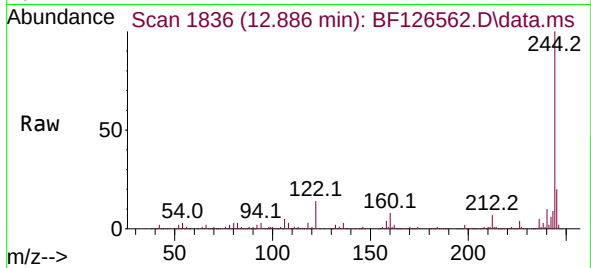




#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

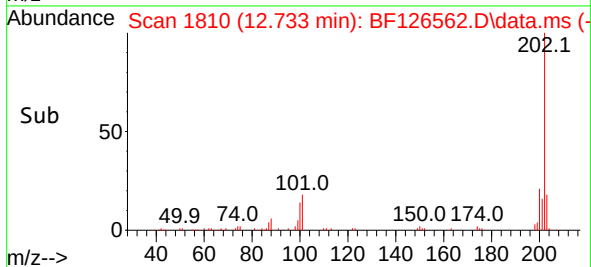
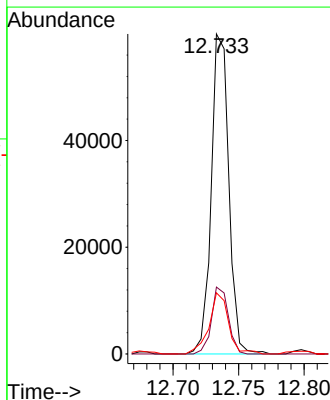
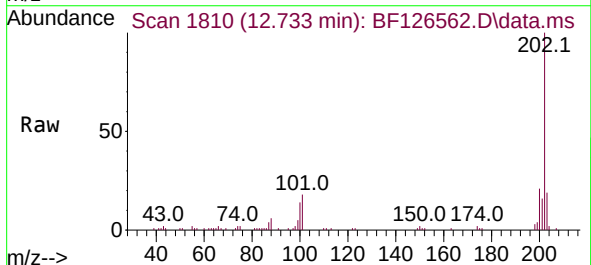
Instrument :
BNA_F
ClientSampleId :
AMI-2

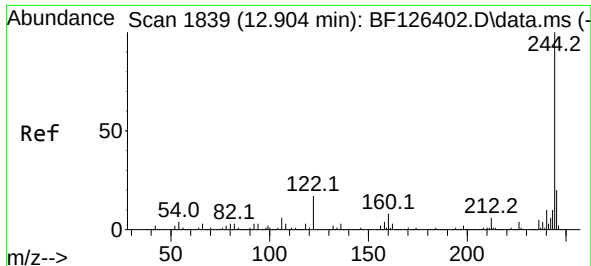
Tgt Ion:184 Resp: 8687
Ion Ratio Lower Upper
184 100
185 19.5 11.8 17.8#
183 7.3 8.2 12.2#



#78
Pyrene
Concen: 3.406 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion:202 Resp: 55827
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 19.1 13.8 20.8

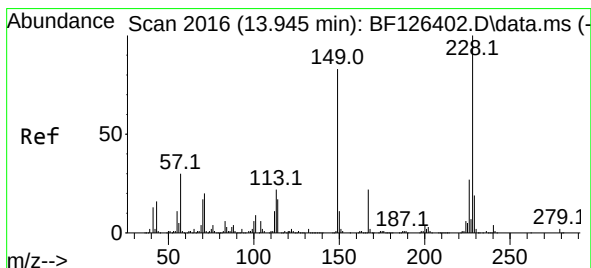
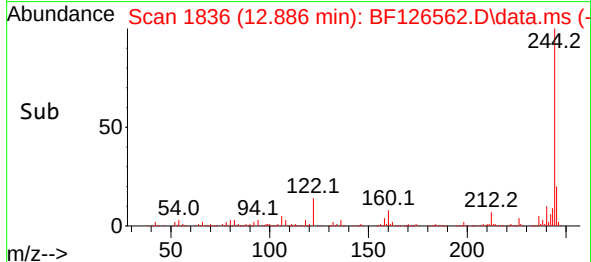
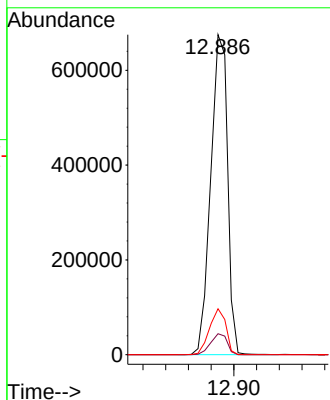
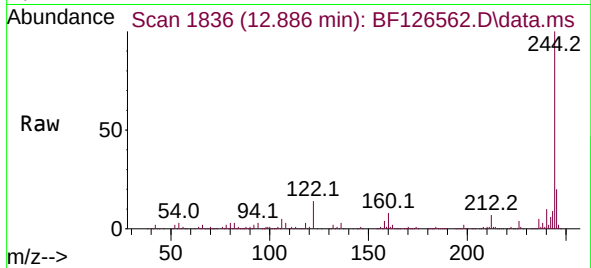




#79
 Terphenyl-d14
 Concen: 69.620 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28

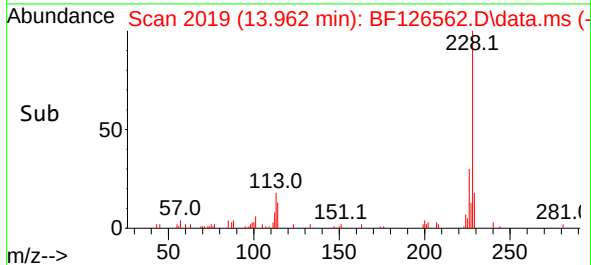
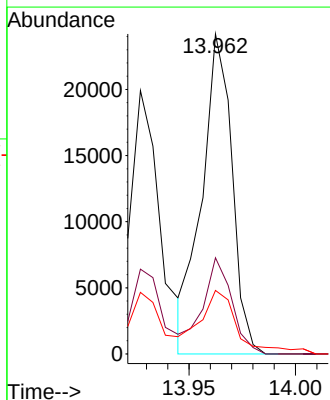
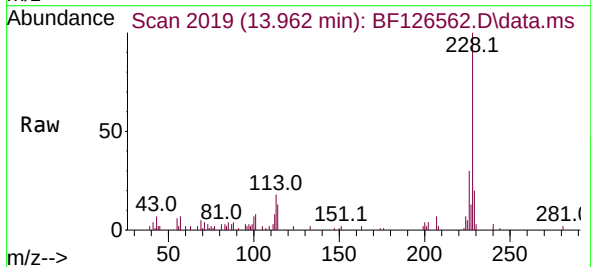
Instrument :
 BNA_F
 ClientSampleId :
 AMI-2

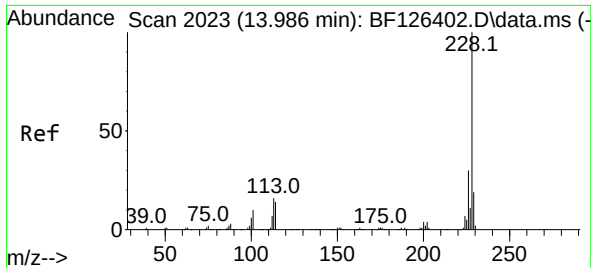
Tgt Ion:244 Resp: 694974
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 14.4 13.3 19.9



#81
 Benzo(a)anthracene
 Concen: 2.132 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.029 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28

Tgt Ion:228 Resp: 23775
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.4 32.0
 229 19.8 15.4 23.2

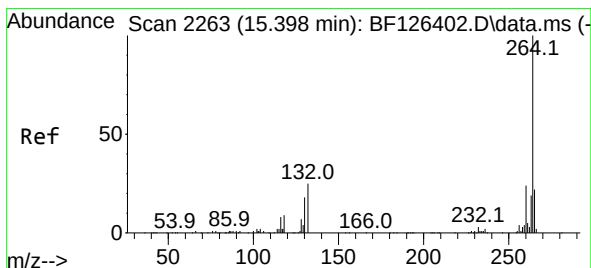
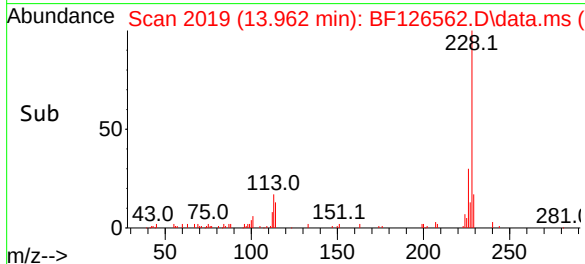
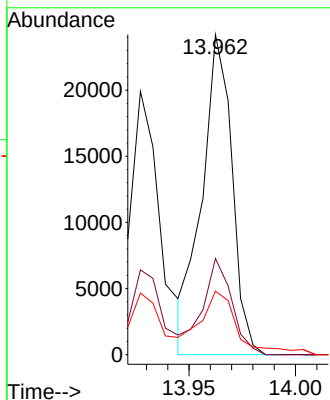
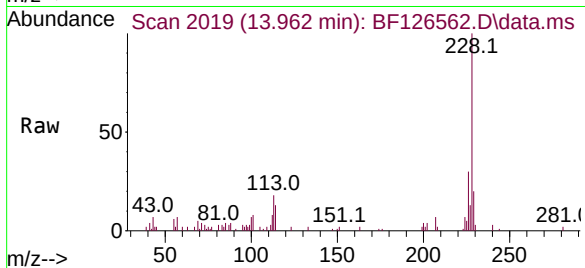




#83
Chrysene
Concen: 2.078 ng
RT: 13.962 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

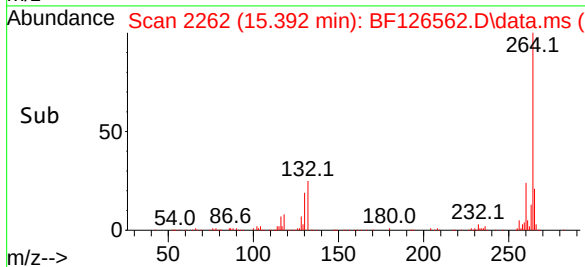
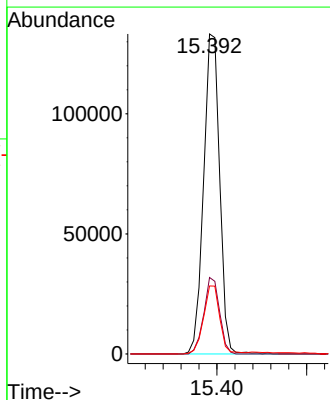
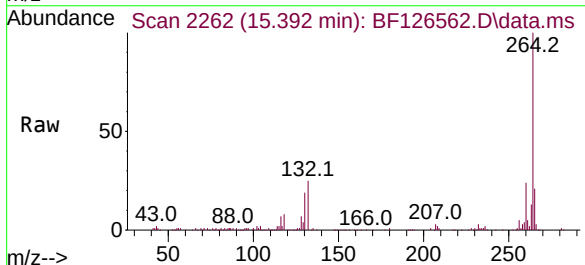
Instrument :
BNA_F
ClientSampleId :
AMI-2

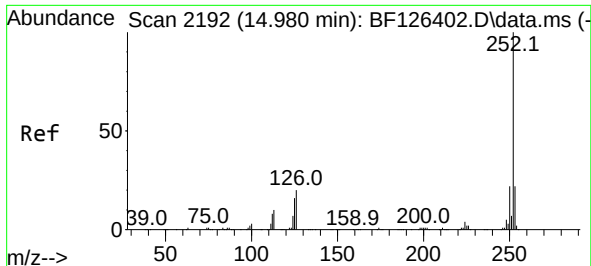
Tgt Ion:228	Resp:	23775
Ion Ratio	Lower	Upper
228	100	
226	30.0	23.7 35.5
229	19.8	15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion:264	Resp:	165353
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.2 28.8
265	21.3	17.4 26.2

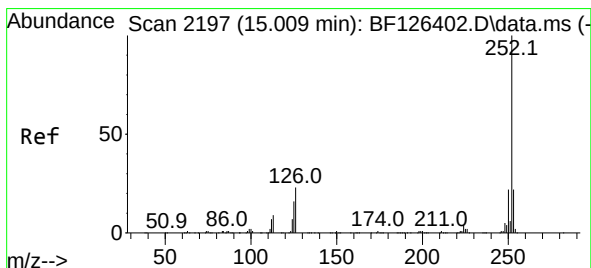
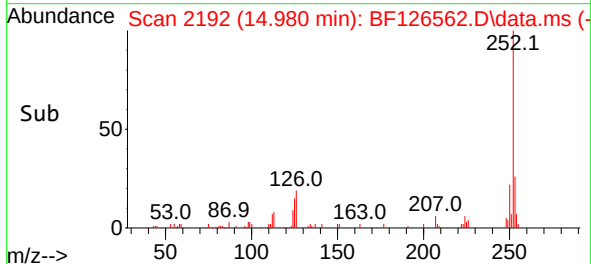
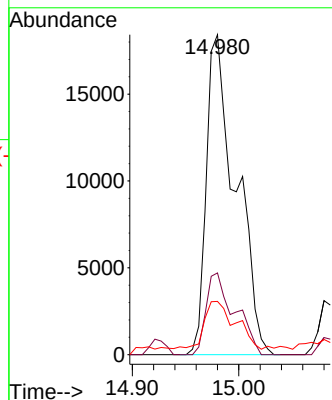
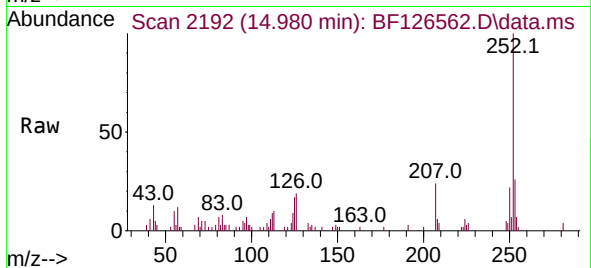




#88
Benzo(b)fluoranthene
Concen: 3.591 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

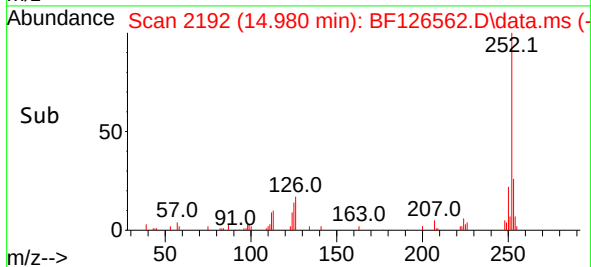
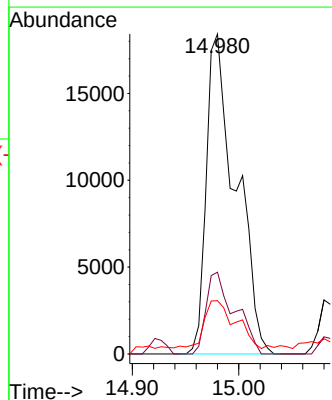
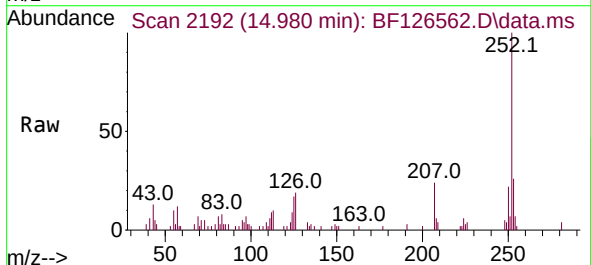
Instrument :
BNA_F
ClientSampleId :
AMI-2

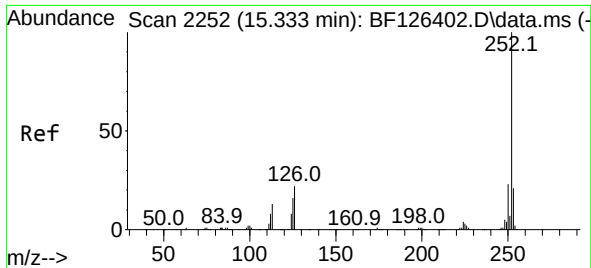
Tgt Ion:252	Resp:	35371
Ion Ratio	Lower	Upper
252	100	
253	25.5	17.8 26.8
125	16.7	12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 3.707 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Tgt Ion:252	Resp:	35371
Ion Ratio	Lower	Upper
252	100	
253	25.5	17.5 26.3
125	16.7	11.8 17.6





#90

Benzo(a)pyrene

Concen: 2.158 ng

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126562.D

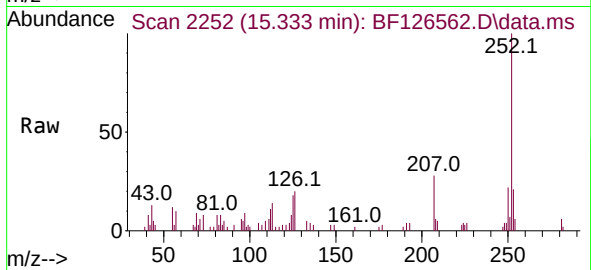
Acq: 10 Jan 2022 13:28

Instrument :

BNA_F

ClientSampleId :

AMI-2



Tgt Ion:252 Resp: 17820

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 17.5 13.0 19.6

