

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126563.D
 Acq On : 10 Jan 2022 13:55
 Operator : JU/CG
 Sample : N1047-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-E7-01-2.5

Quant Time: Jan 10 17:16:14 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)

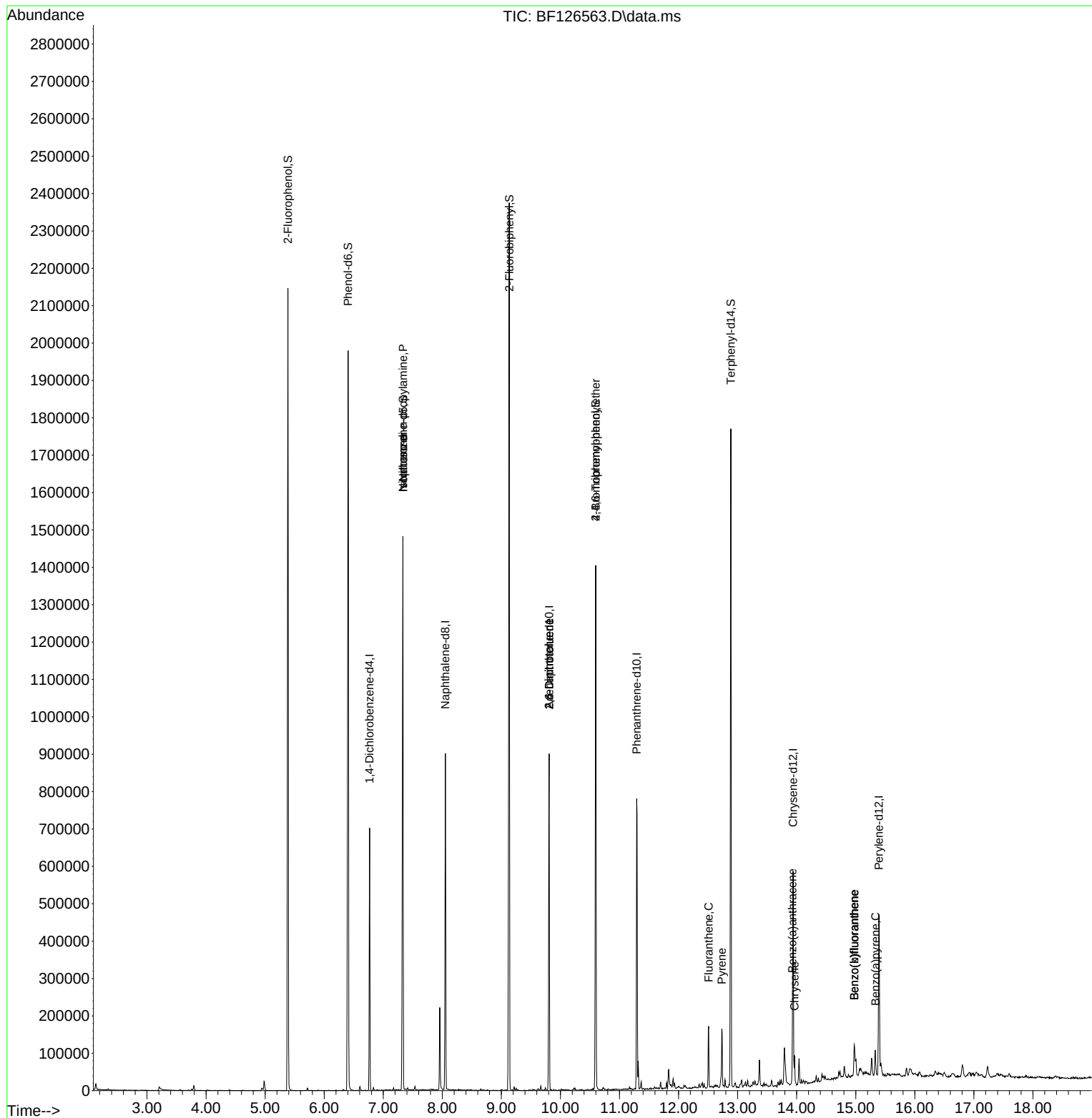
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93780	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	393294	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	186675	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	286801	20.000	ng	0.00
76) Chrysene-d12	13.939	240	169744	20.000	ng	0.00
86) Perylene-d12	15.392	264	178701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	620622	95.036	ng	0.00
7) Phenol-d6	6.404	99	797528	94.291	ng	0.00
23) Nitrobenzene-d5	7.334	82	499745	65.244	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	164528	114.056	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	742082	69.954	ng	0.00
79) Terphenyl-d14	12.886	244	575816	65.909	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	63005	13.054	ng	# 81
25) Isophorone	7.334	82	499625	36.437	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	23651	9.397	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	23651	7.284	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	8699	3.417	ng	# 1
75) Fluoranthene	12.510	202	63676	4.758	ng	97
77) Benzidine	12.886	184	7552	Below Cal		# 93
78) Pyrene	12.733	202	62392	4.349	ng	98
81) Benzo(a)anthracene	13.927	228	29898	3.063	ng	95
83) Chrysene	13.963	228	26207	2.617	ng	95
88) Benzo(b)fluoranthene	14.974	252	54203	5.092	ng	97
89) Benzo(k)fluoranthene	14.974	252	54203	5.256	ng	97
90) Benzo(a)pyrene	15.333	252	30393	3.405	ng	98

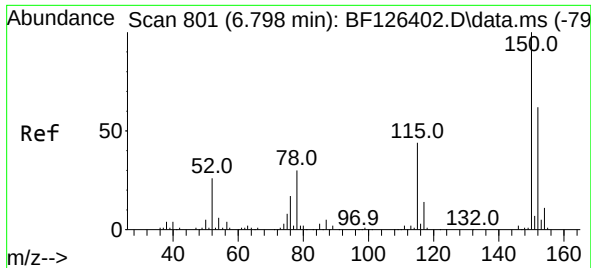
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126563.D
Acq On : 10 Jan 2022 13:55
Operator : JU/CG
Sample : N1047-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

Quant Time: Jan 10 17:16:14 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

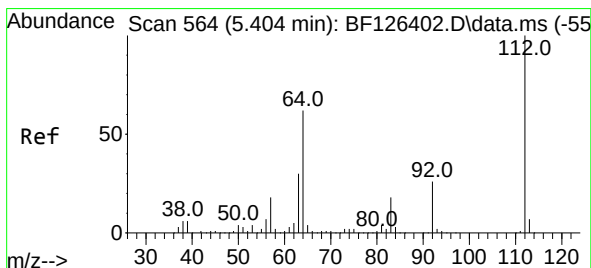
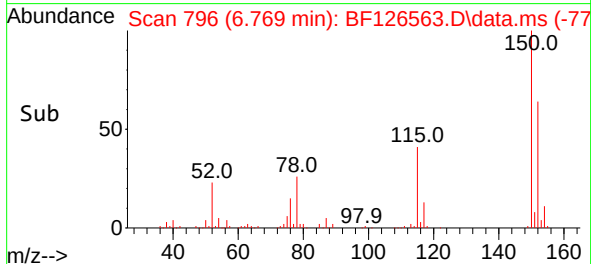
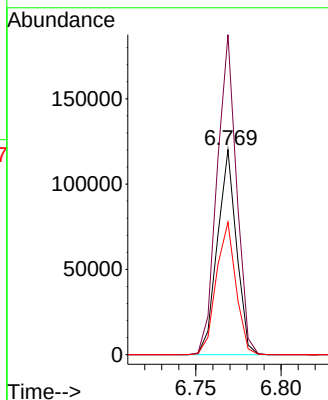
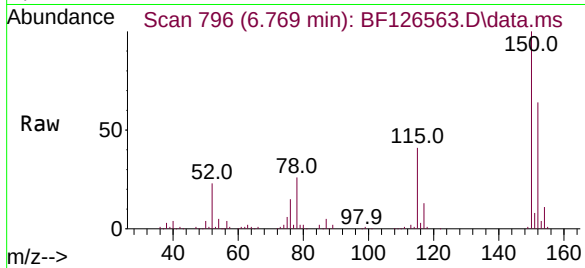




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126563.D
 Acq: 10 Jan 2022 13:55

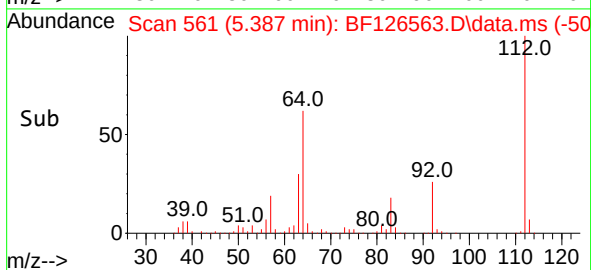
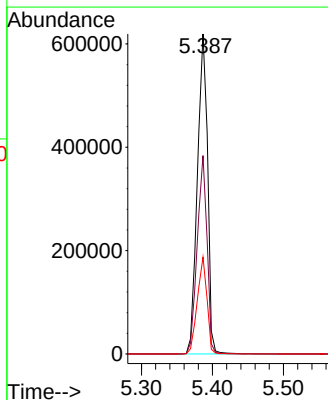
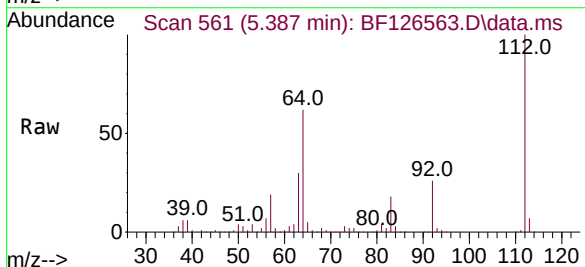
Instrument :
 BNA_F
 ClientSampleId :
 FM-E7-01-2.5

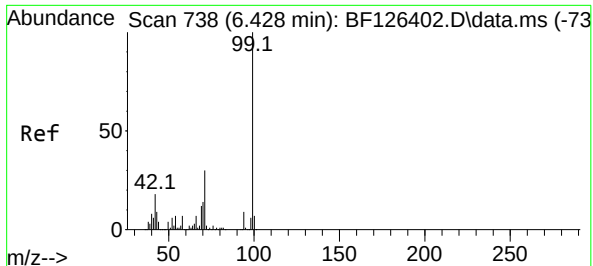
Tgt Ion:152 Resp: 93780
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.1 192.1
 115 64.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 95.036 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF126563.D
 Acq: 10 Jan 2022 13:55

Tgt Ion:112 Resp: 620622
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.5 74.3
 63 30.3 23.9 35.9

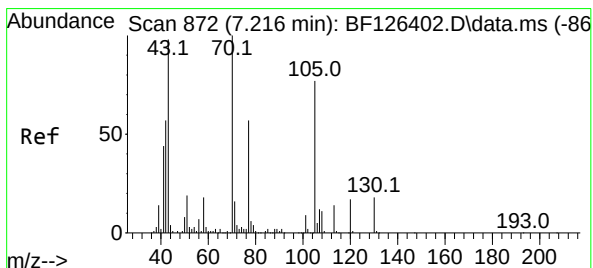
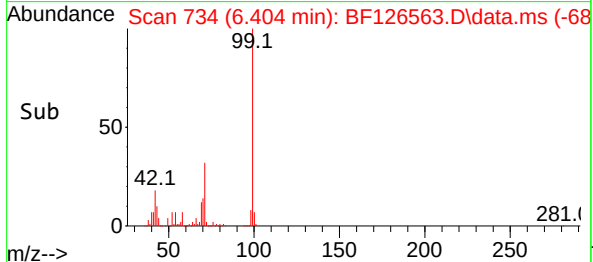
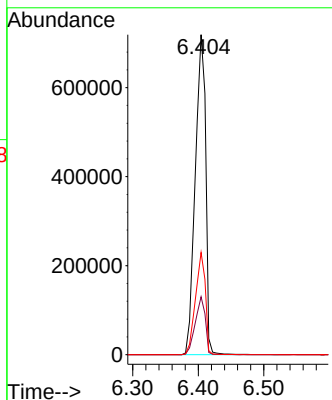
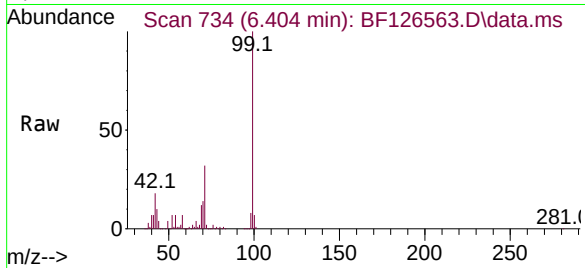




#7
Phenol-d6
Concen: 94.291 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

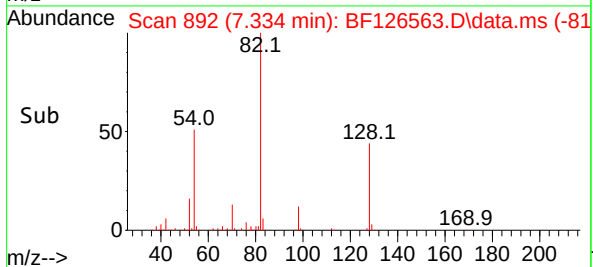
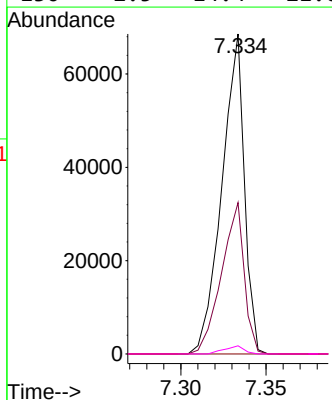
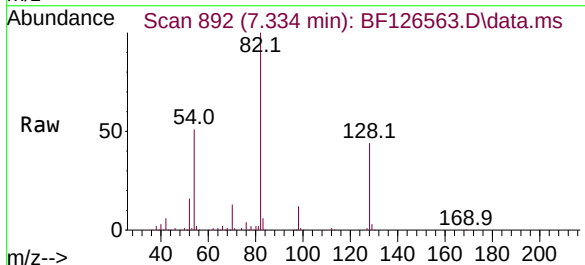
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

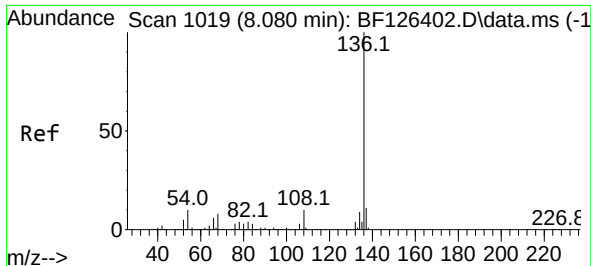
Tgt Ion: 99 Resp: 797528
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.054 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion: 70 Resp: 63005
Ion Ratio Lower Upper
70 100
42 47.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#



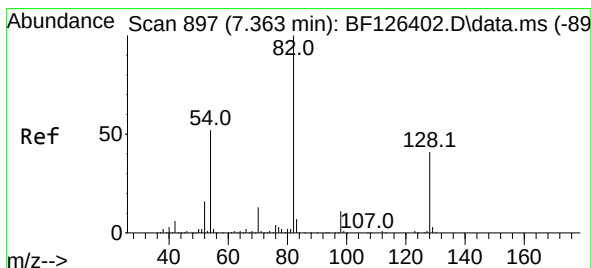
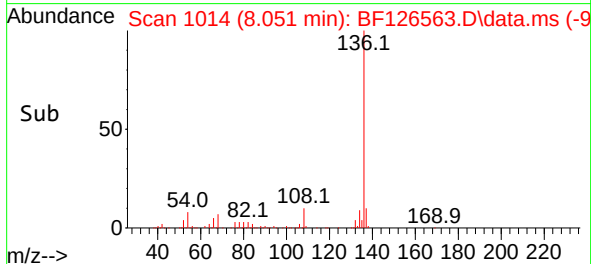
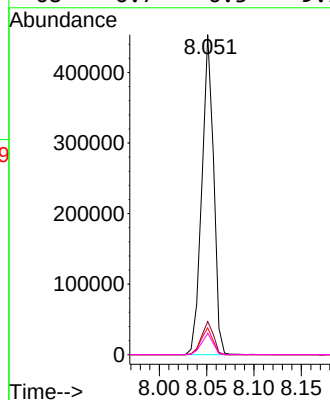
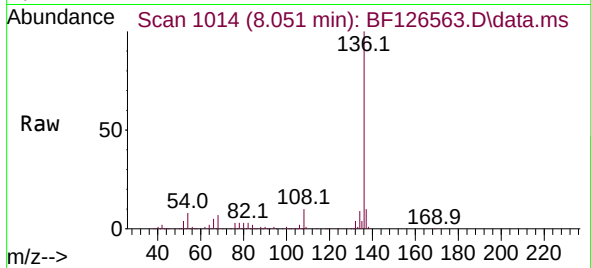


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

Tgt Ion:136 Resp: 393294

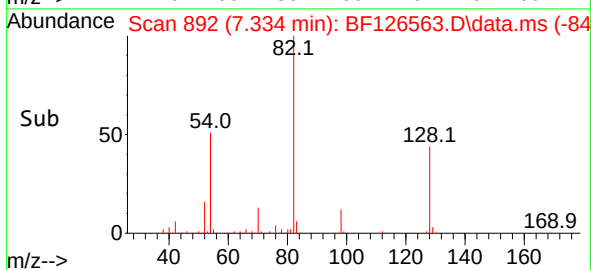
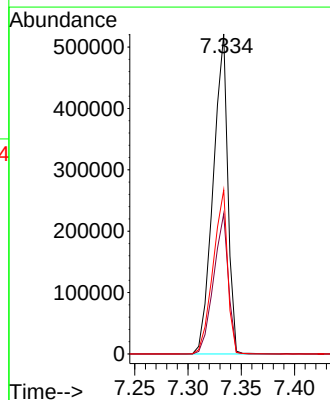
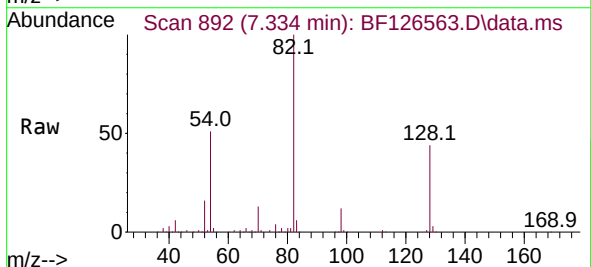
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.4	7.8	11.6
68	6.7	6.3	9.5

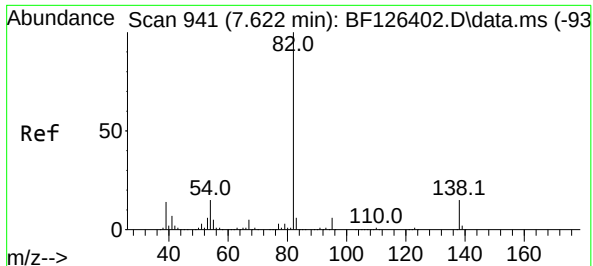


#23
Nitrobenzene-d5
Concen: 65.244 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion: 82 Resp: 499745

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.7	49.1
54	51.2	41.7	62.5

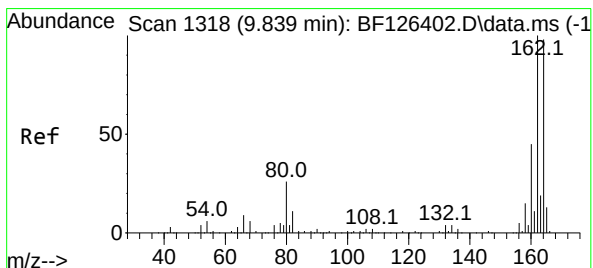
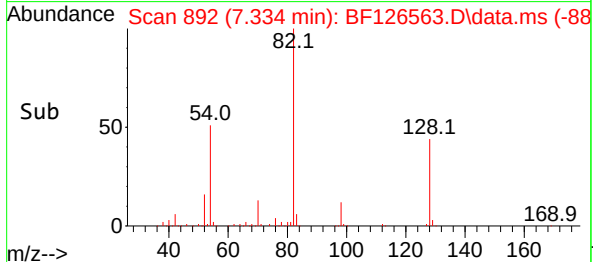
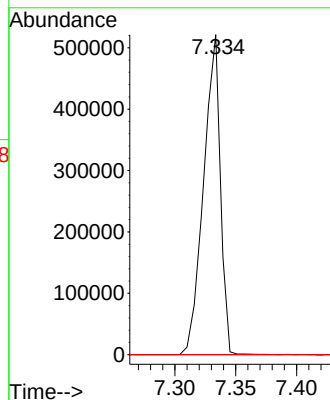
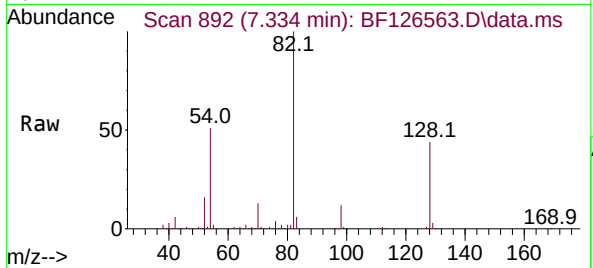




#25
Isophorone
Concen: 36.437 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

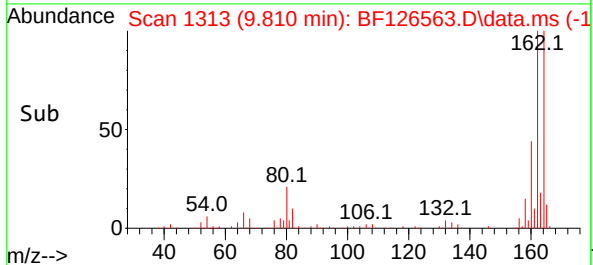
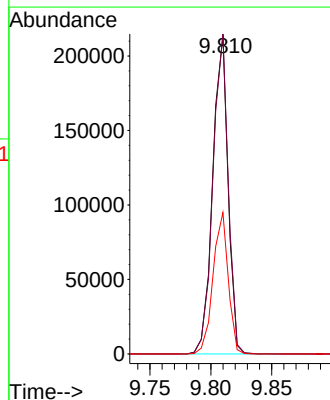
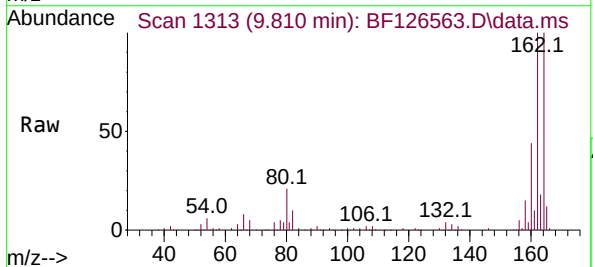
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

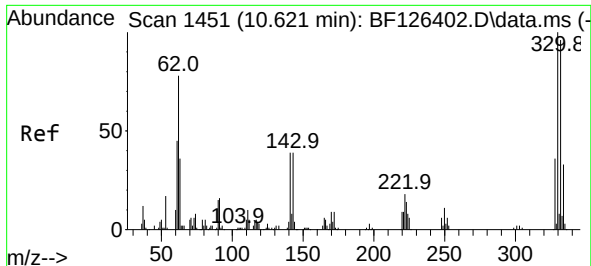
Tgt Ion: 82 Resp: 499625
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:164 Resp: 186675
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.4 36.6 54.8

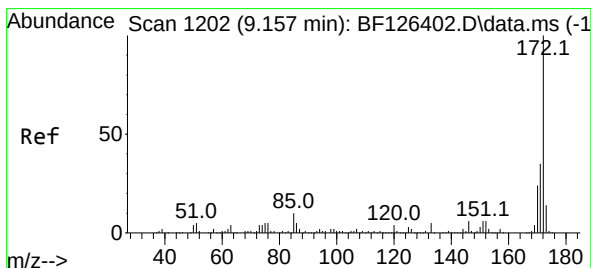
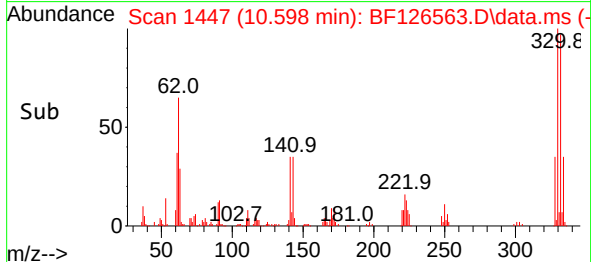
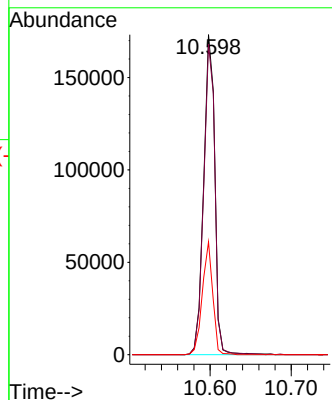
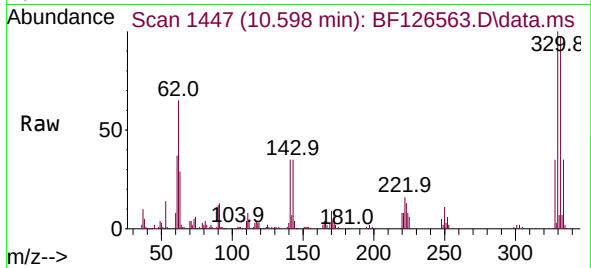




#42
2,4,6-Tribromophenol
Concen: 114.056 ng
RT: 10.598 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

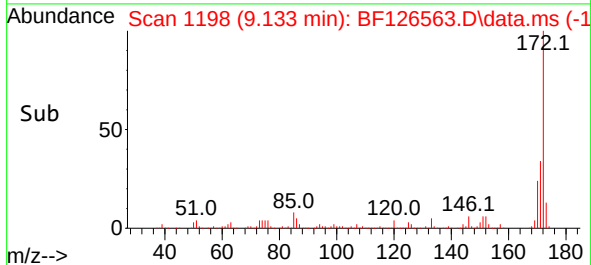
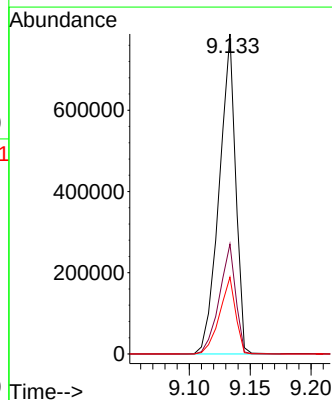
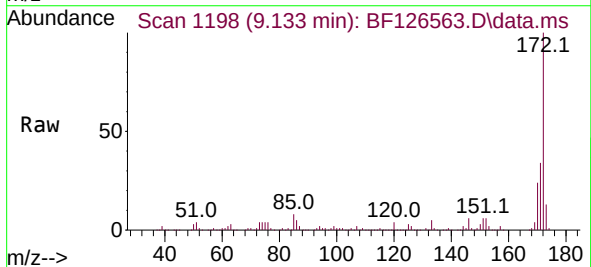
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

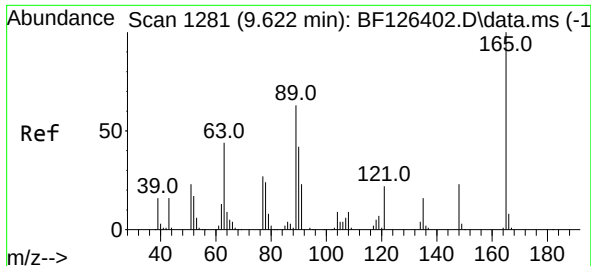
Tgt Ion:330 Resp: 164528
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 33.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 69.954 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:172 Resp: 742082
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 24.0 19.0 28.6

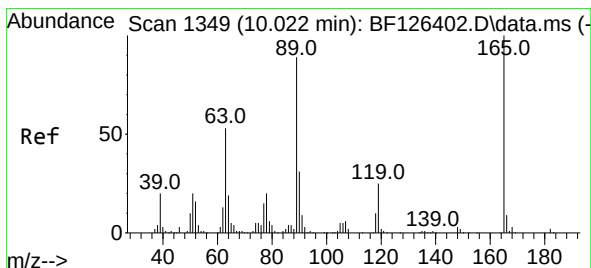
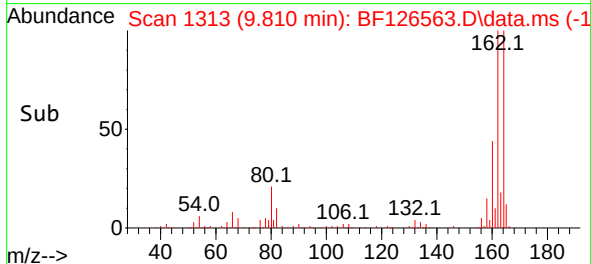
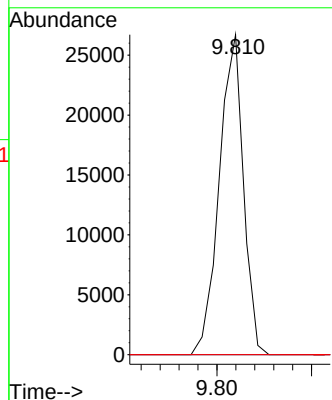
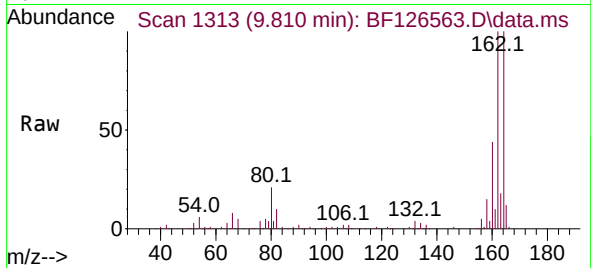




#51
2,6-Dinitrotoluene
Concen: 9.397 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

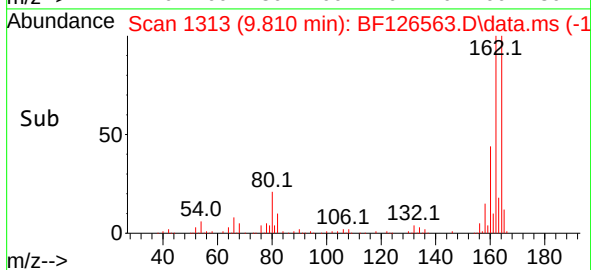
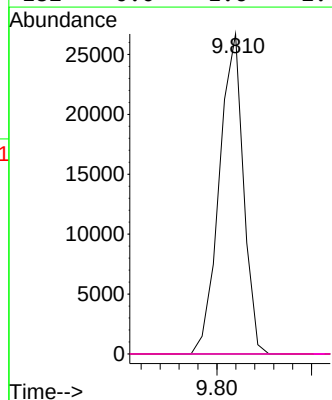
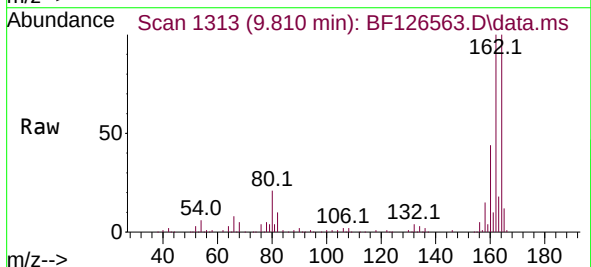
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

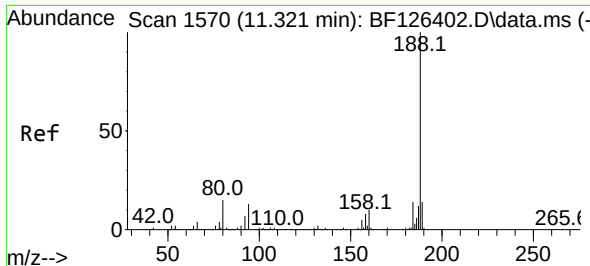
Tgt Ion:165 Resp: 23651
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.284 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:165 Resp: 23651
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

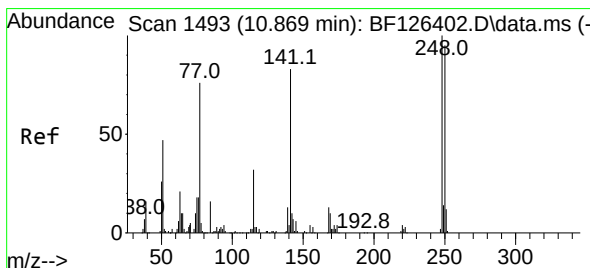
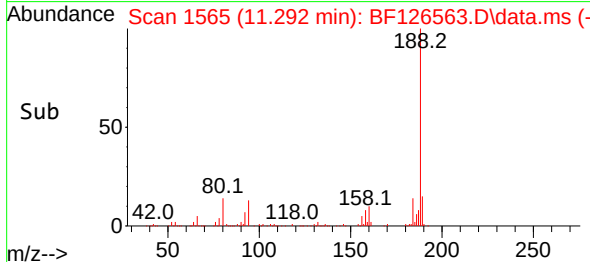
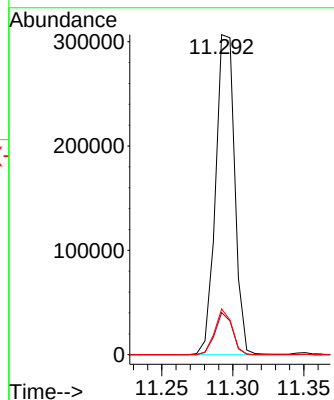
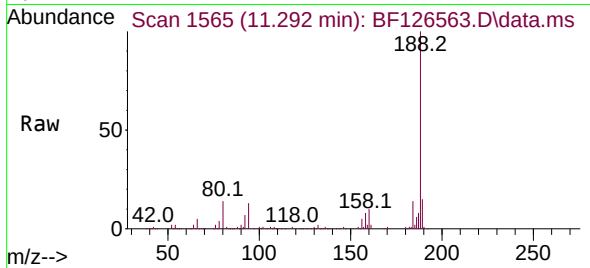




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

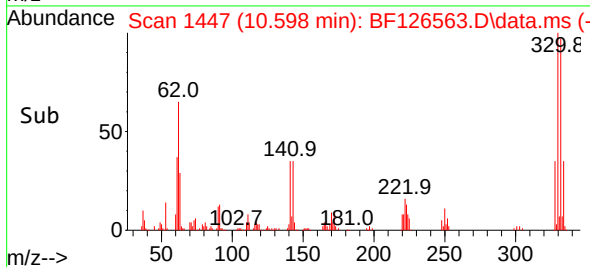
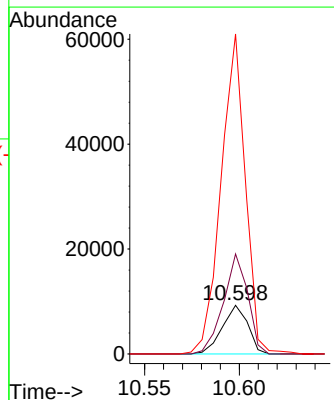
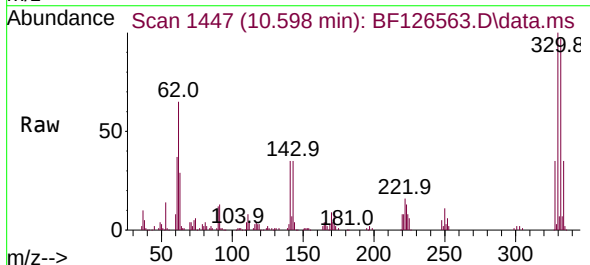
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

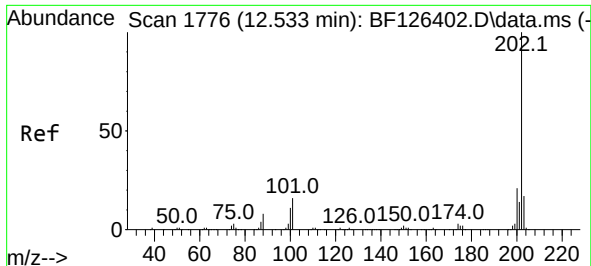
Tgt Ion:188 Resp: 286801
Ion Ratio Lower Upper
188 100
94 13.2 10.1 15.1
80 14.3 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:248 Resp: 8699
Ion Ratio Lower Upper
248 100
250 205.5 76.2 114.4#
141 657.1 66.2 99.4#

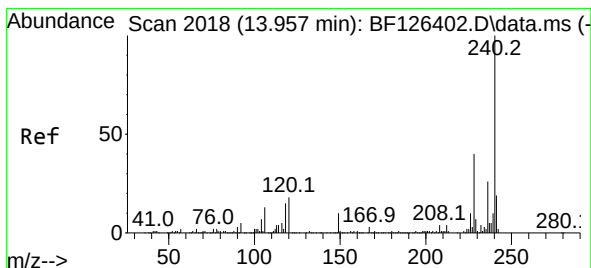
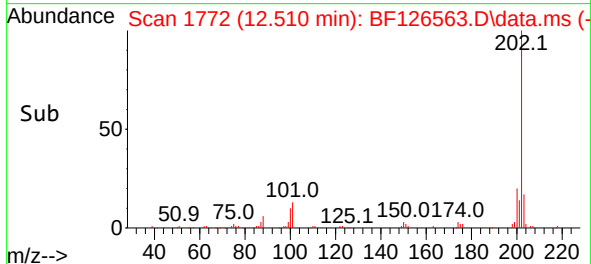
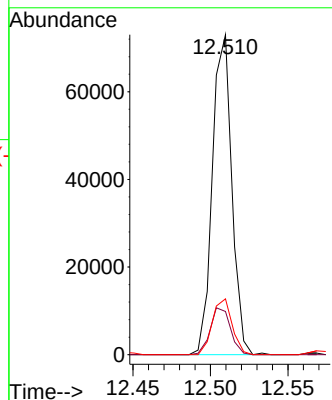
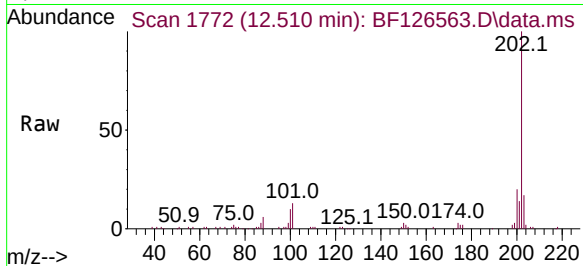




#75
Fluoranthene
Concen: 4.758 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

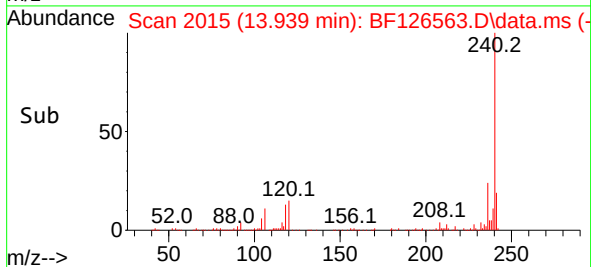
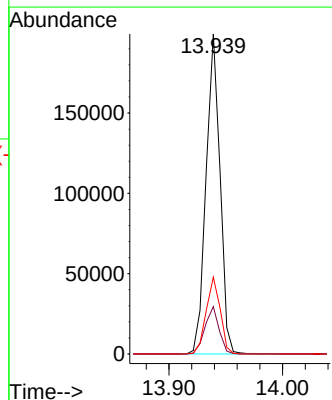
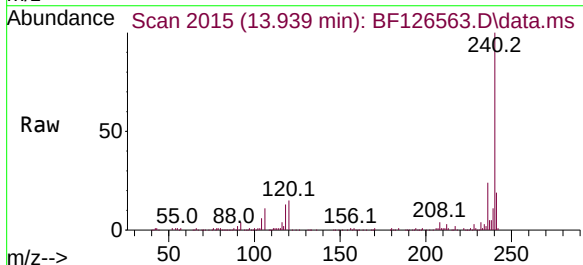
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

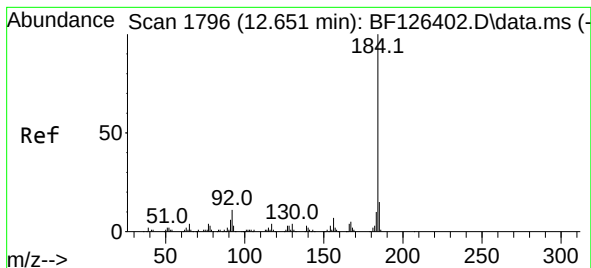
Tgt Ion:202 Resp: 63676
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.7
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:240 Resp: 169744
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.0 20.5 30.7





#77

Benzidine

Concen: Below Cal

RT: 12.886 min Scan# 1836

Delta R.T. 0.253 min

Lab File: BF126563.D

Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

FM-E7-01-2.5

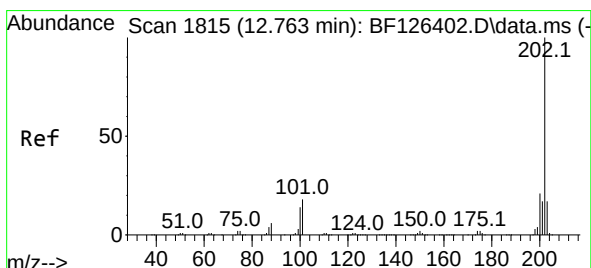
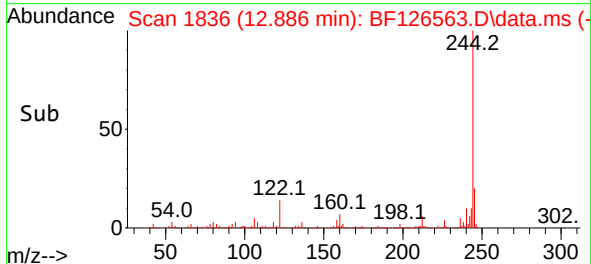
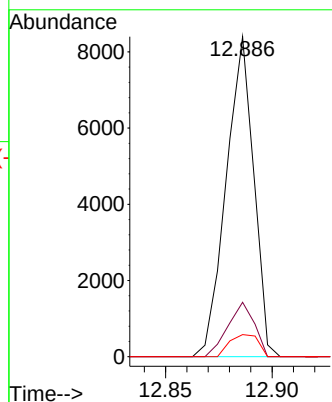
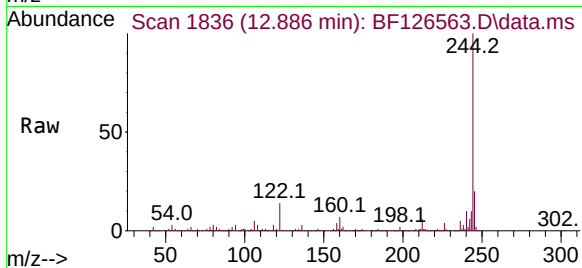
Tgt Ion:184 Resp: 7552

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

183 6.9 8.2 12.2#



#78

Pyrene

Concen: 4.349 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF126563.D

Acq: 10 Jan 2022 13:55

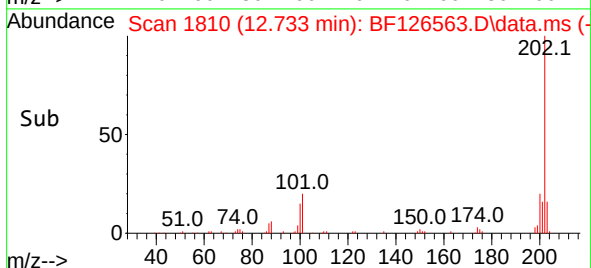
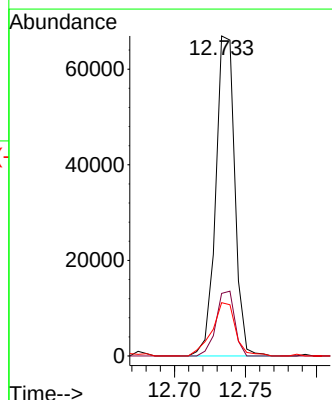
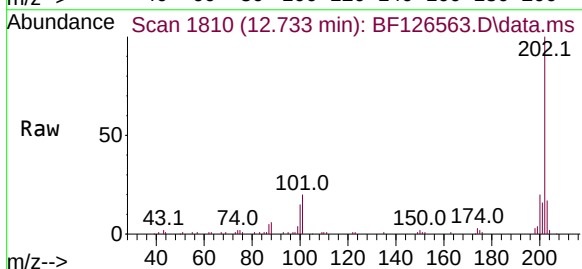
Tgt Ion:202 Resp: 62392

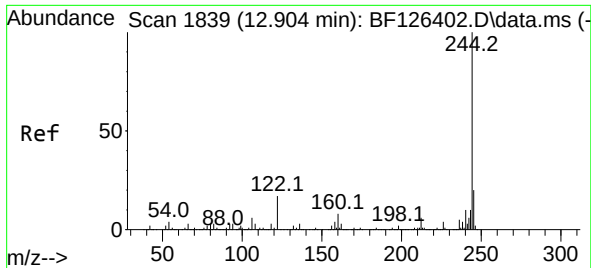
Ion Ratio Lower Upper

202 100

200 19.6 16.6 24.8

203 16.7 13.8 20.8

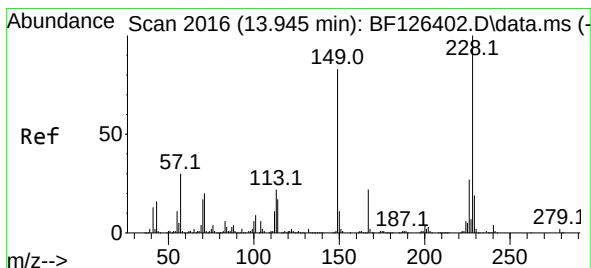
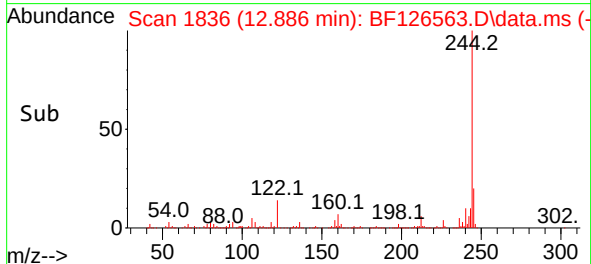
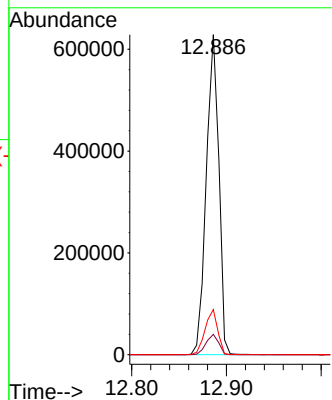
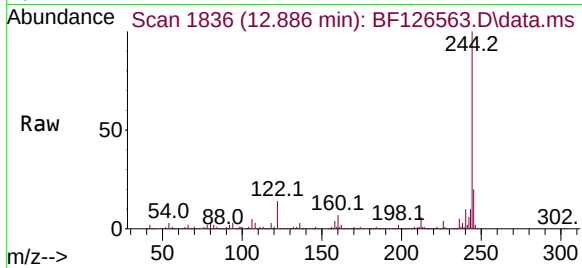




#79
 Terphenyl-d14
 Concen: 65.909 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126563.D
 Acq: 10 Jan 2022 13:55

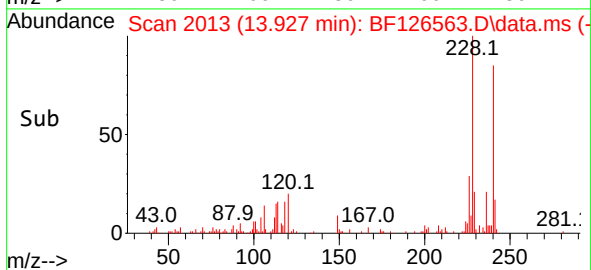
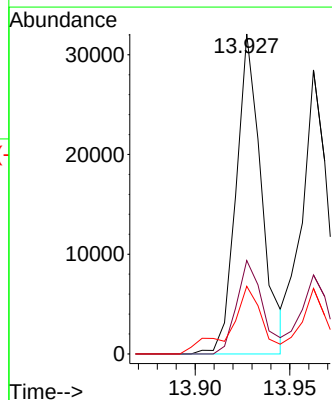
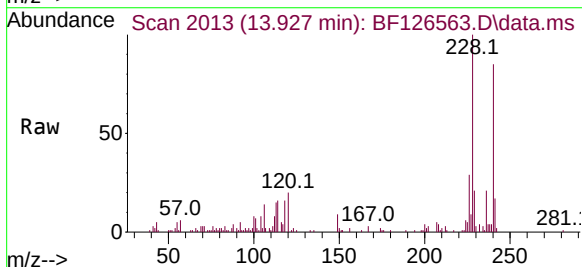
Instrument :
 BNA_F
 ClientSampleId :
 FM-E7-01-2.5

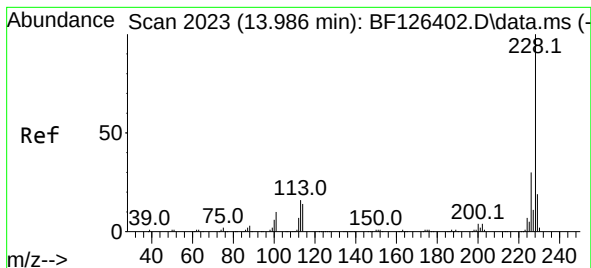
Tgt Ion:244 Resp: 575816
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 14.1 13.3 19.9



#81
 Benzo(a)anthracene
 Concen: 3.063 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF126563.D
 Acq: 10 Jan 2022 13:55

Tgt Ion:228 Resp: 29898
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.4 32.0
 229 21.2 15.4 23.2





#83

Chrysene

Concen: 2.617 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126563.D

Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

FM-E7-01-2.5

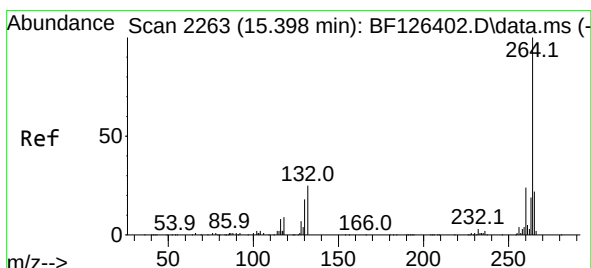
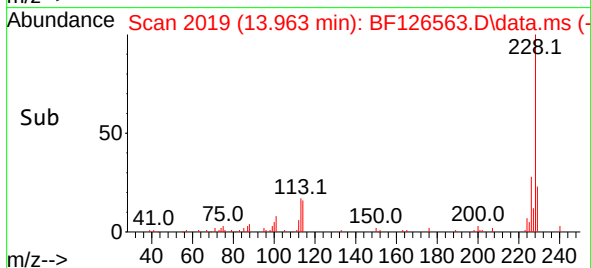
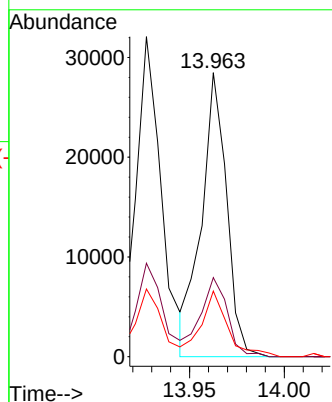
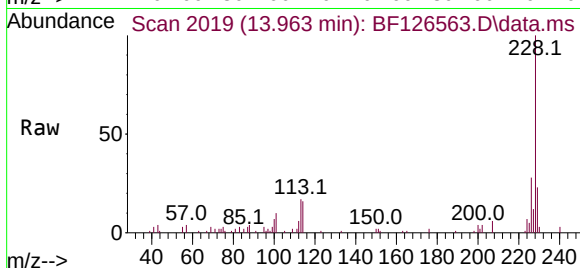
Tgt Ion:228 Resp: 26207

Ion Ratio Lower Upper

228 100

226 27.9 23.7 35.5

229 23.1 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: BF126563.D

Acq: 10 Jan 2022 13:55

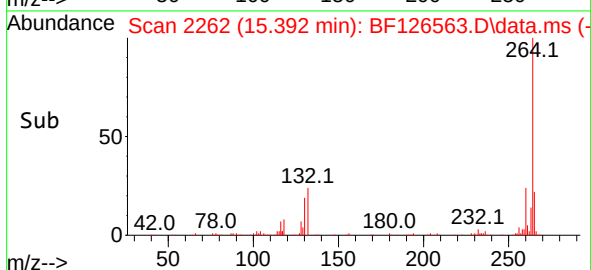
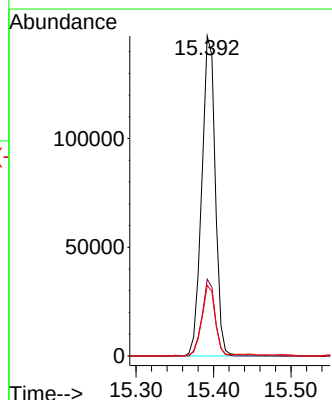
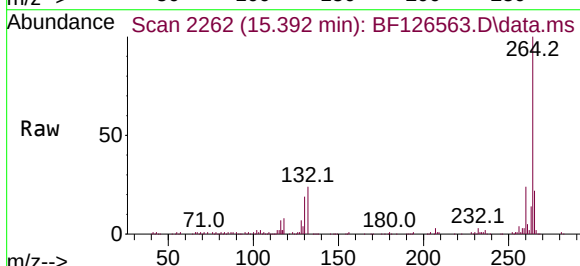
Tgt Ion:264 Resp: 178701

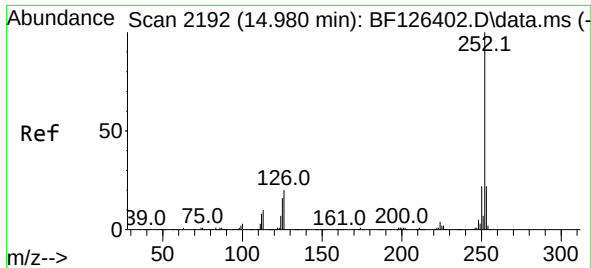
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 17.4 26.2

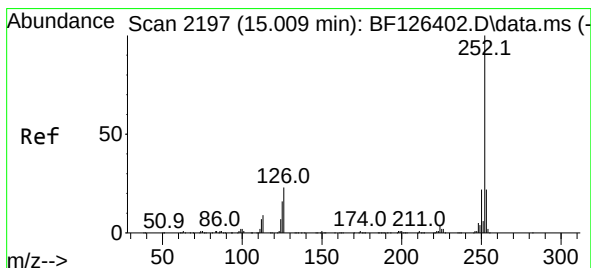
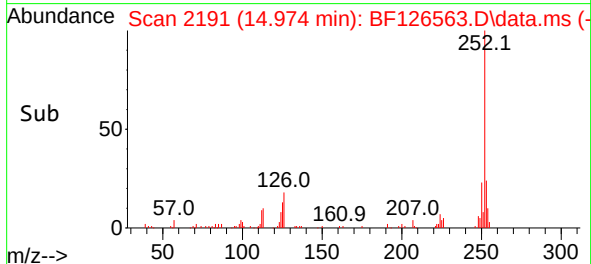
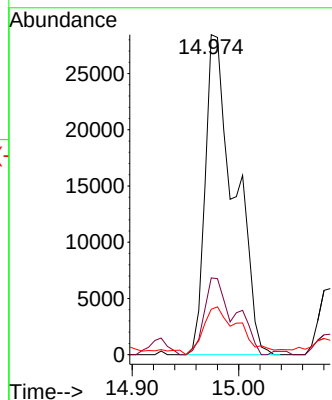
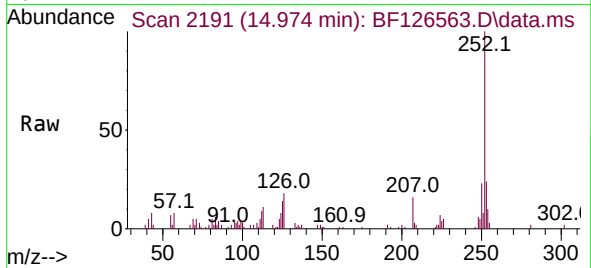




#88
Benzo(b)fluoranthene
Concen: 5.092 ng
RT: 14.974 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

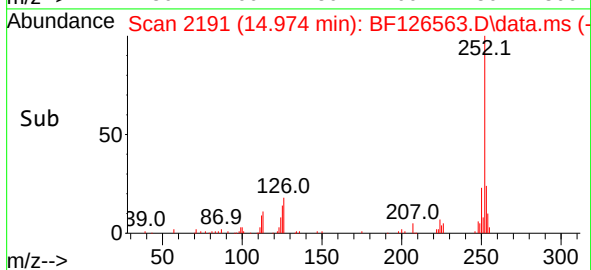
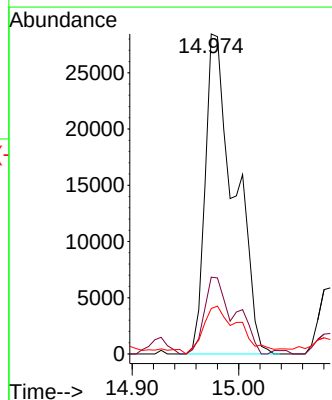
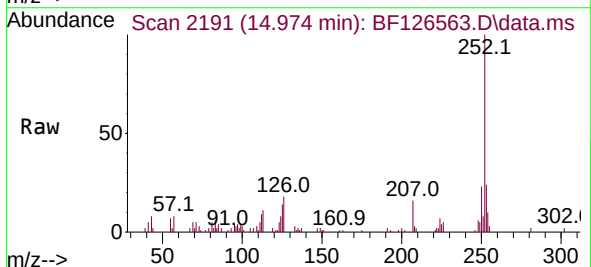
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

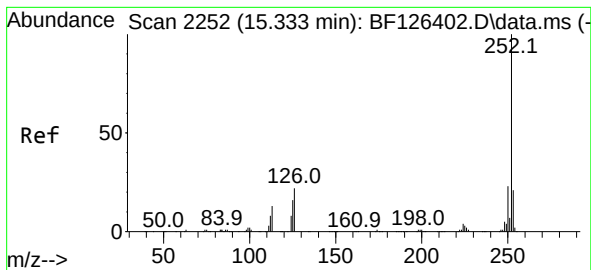
Tgt Ion:252 Resp: 54203
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 14.2 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 5.256 ng
RT: 14.974 min Scan# 2191
Delta R.T. -0.041 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:252 Resp: 54203
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 14.2 11.8 17.6





#90

Benzo(a)pyrene

Concen: 3.405 ng

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126563.D

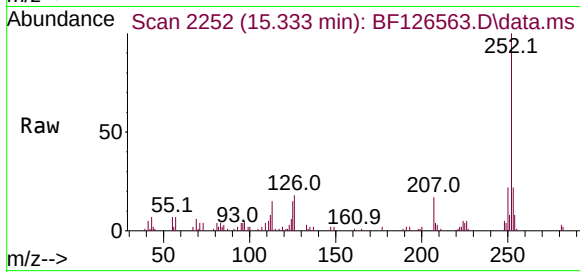
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

FM-E7-01-2.5



Tgt Ion:252 Resp: 30393

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 15.3 13.0 19.6

