

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134107.D
 Acq On : 06 Jul 2023 20:41
 Operator : CG\JU
 Sample : 03476-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

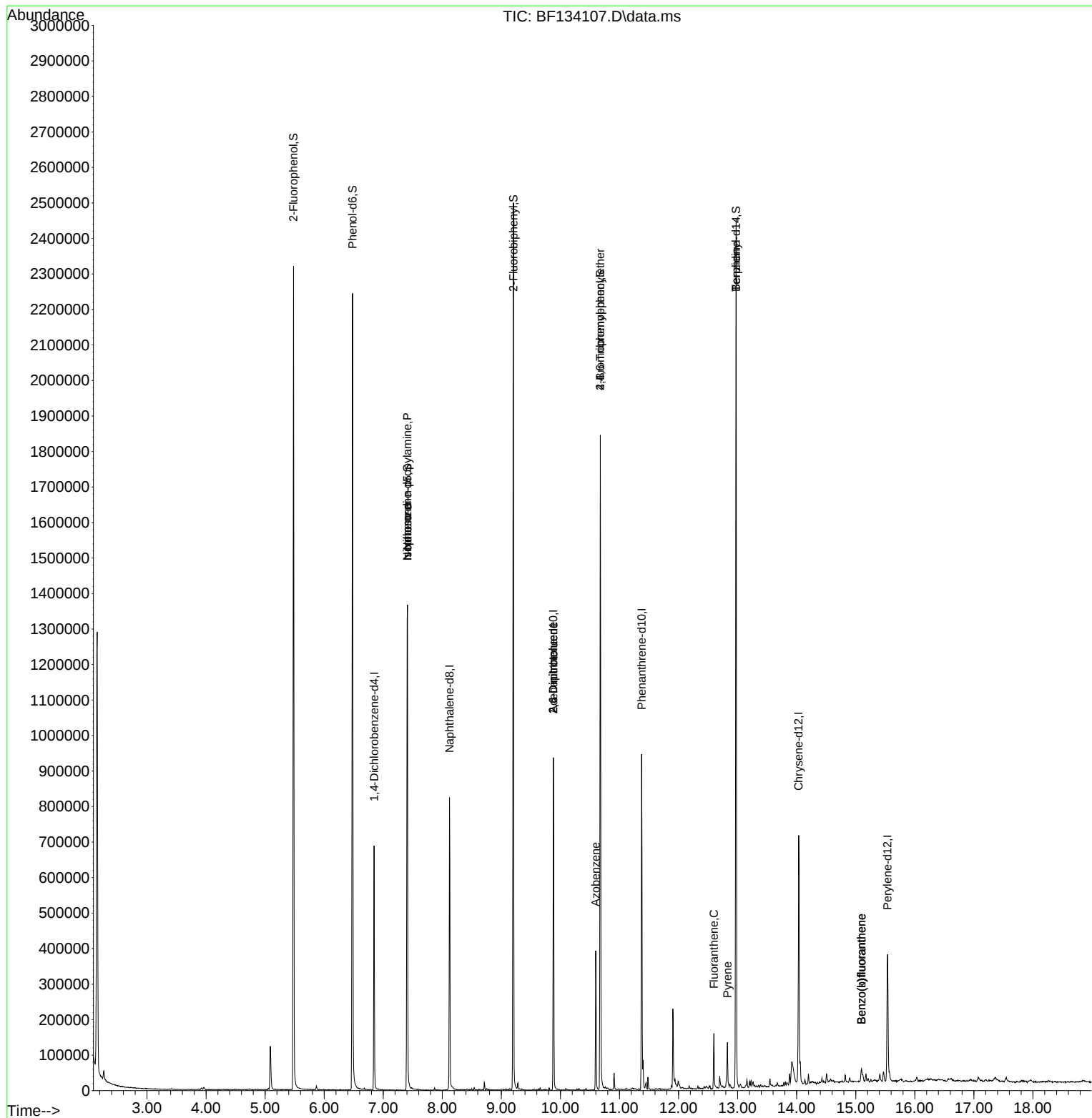
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93015	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	356393	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	178791	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	348833	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	231511	20.000	ng	-0.02
86) Perylene-d12	15.539	264	189717	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	561577	100.993	ng	0.00
7) Phenol-d6	6.481	99	677710	99.104	ng	-0.01
23) Nitrobenzene-d5	7.410	82	446390	67.518	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	214668	95.762	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	736568	59.896	ng	0.00
79) Terphenyl-d14	12.974	244	804945	55.958	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1269	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	62867	14.497	ng	# 74
25) Isophorone	7.410	82	446386	37.150	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	23034	8.240	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	23034	6.240	ng	# 22
63) Azobenzene	10.598	77	66333	5.186	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	13409	3.617	ng	# 1
75) Fluoranthene	12.598	202	60982	3.212	ng	97
77) Benzidine	12.974	184	11819	2.146	ng	# 94
78) Pyrene	12.827	202	52710	2.446	ng	99
88) Benzo(b)fluoranthene	15.098	252	30536	2.737	ng	# 90
89) Benzo(k)fluoranthene	15.098	252	30536	2.688	ng	# 90

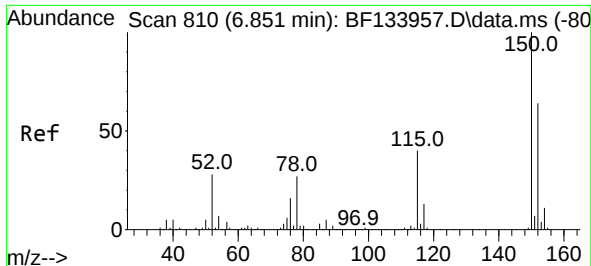
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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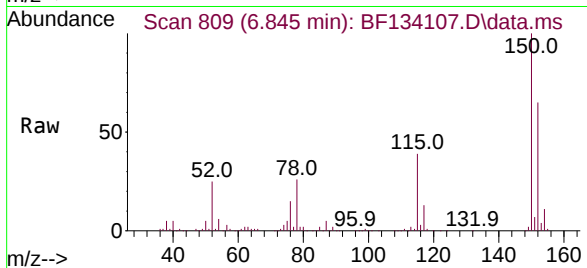
Quant Time: Jul 07 01:32:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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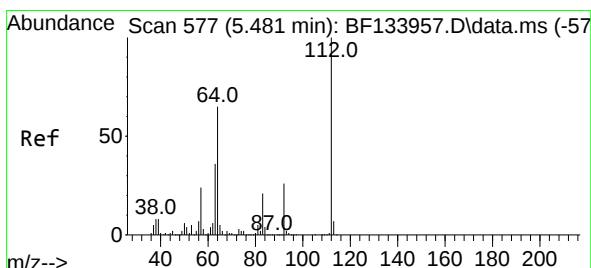
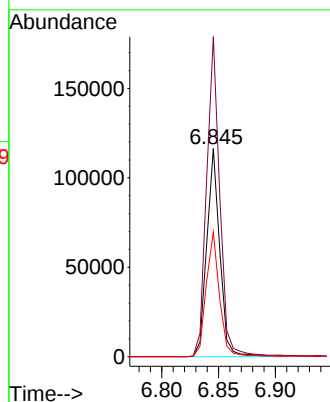
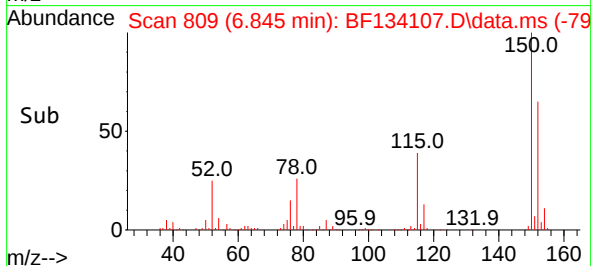


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

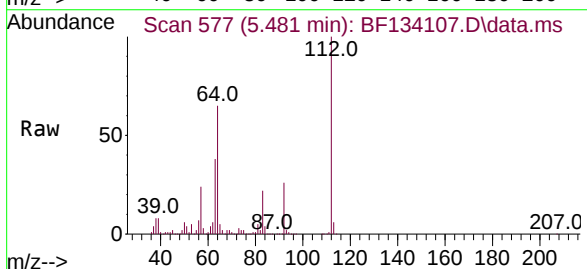
Instrument :
BNA_F
ClientSampleId :



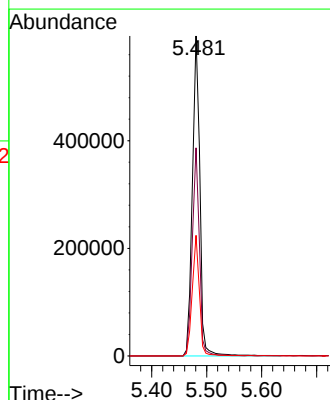
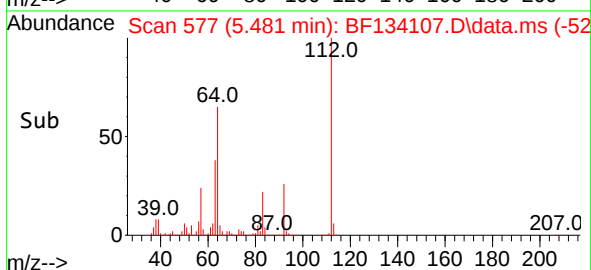
Tgt Ion:152 Resp: 93015
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 59.9 50.2 75.2

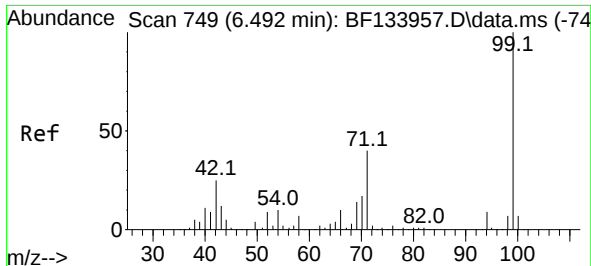


#5
2-Fluorophenol
Concen: 100.993 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41



Tgt Ion:112 Resp: 561577
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.7 28.6 42.8

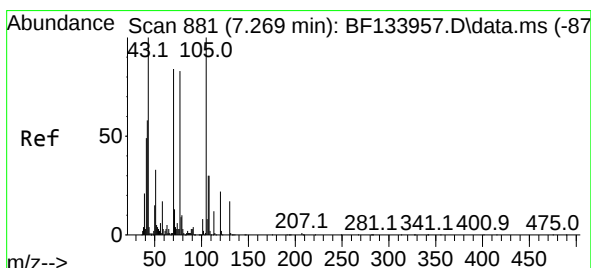
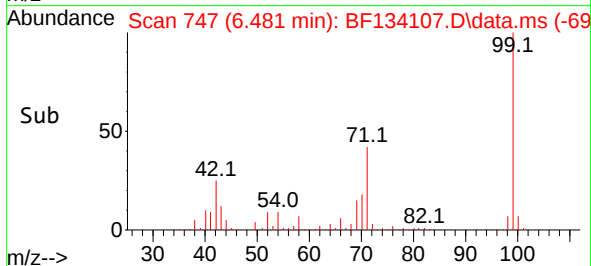
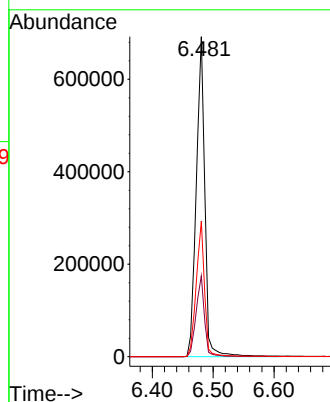
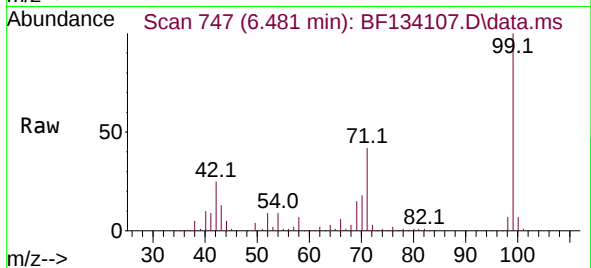




#7
Phenol-d6
Concen: 99.104 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

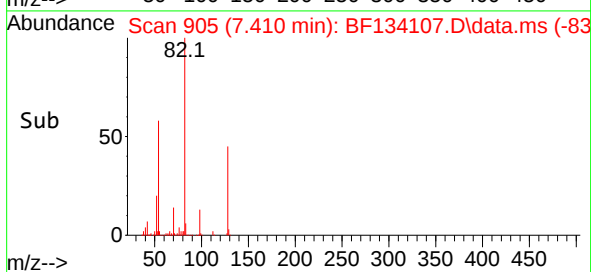
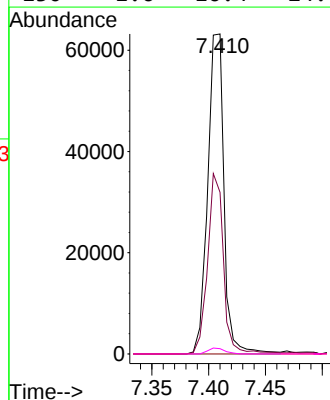
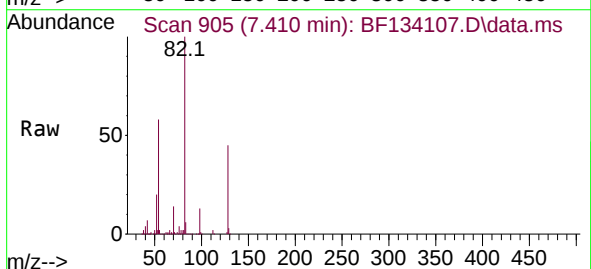
Instrument :
BNA_F
ClientSampleId :

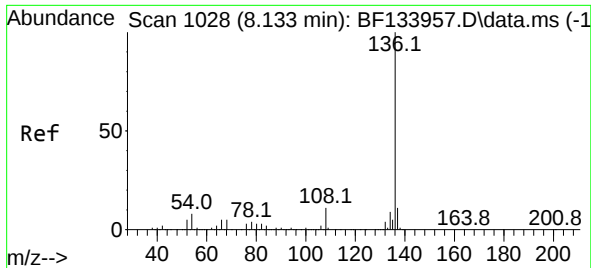
Tgt Ion: 99 Resp: 677710
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.497 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

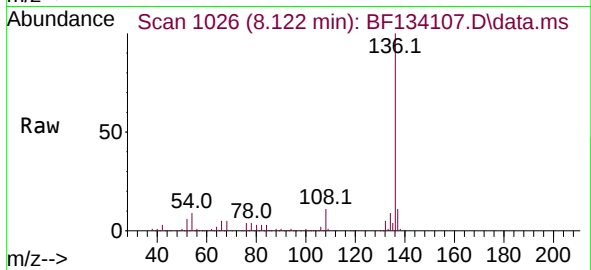
Tgt Ion: 70 Resp: 62867
Ion Ratio Lower Upper
70 100
42 50.5 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#





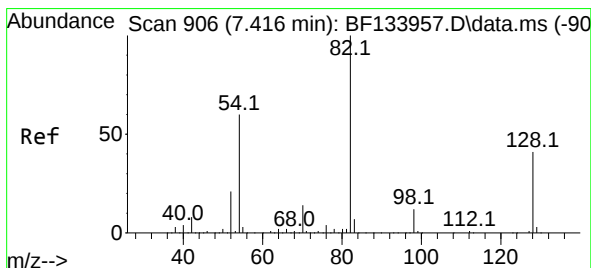
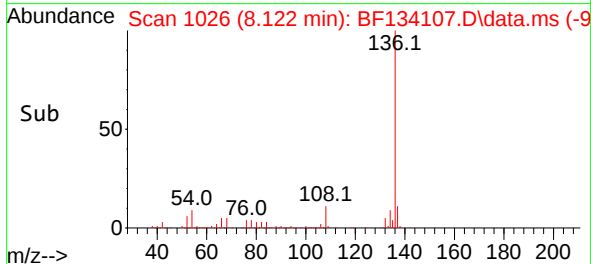
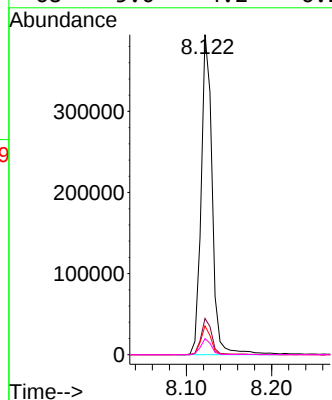
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 356393

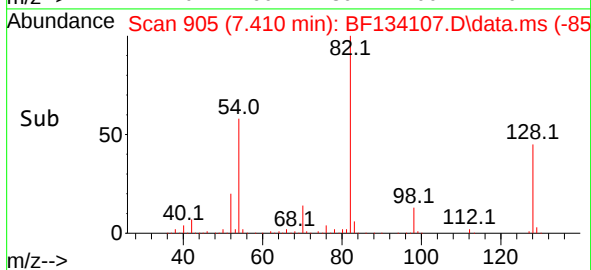
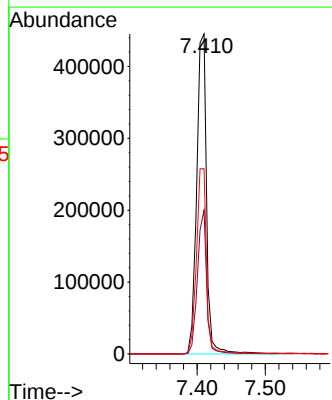
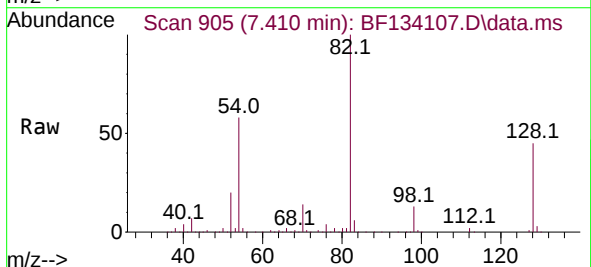
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.0	6.5	9.7
68	5.0	4.2	6.2

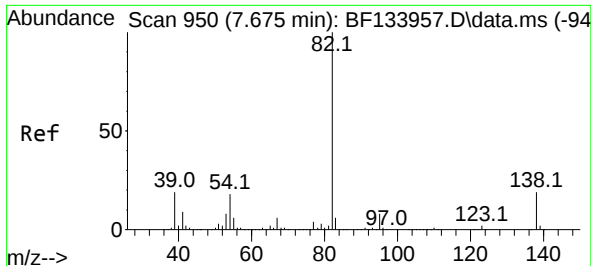


#23
Nitrobenzene-d5
Concen: 67.518 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Tgt Ion: 82 Resp: 446390

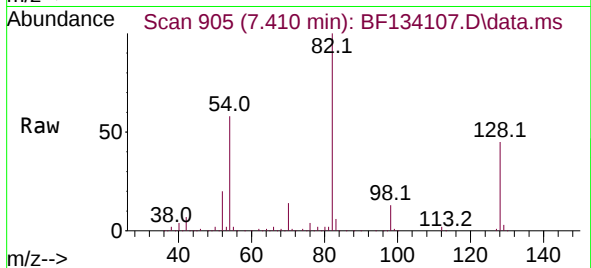
Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.5	48.7
54	57.9	48.2	72.2



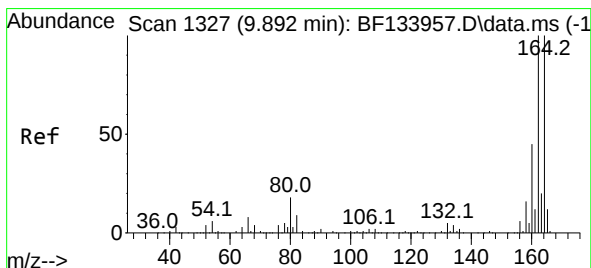
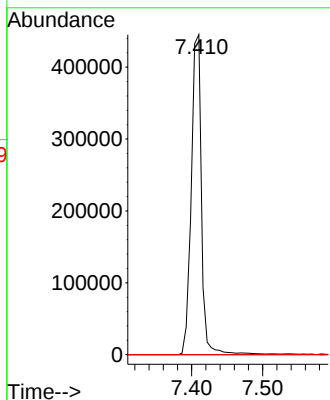
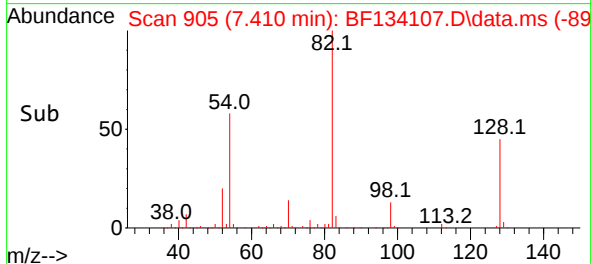


#25
Isophorone
Concen: 37.150 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Instrument :
BNA_F
ClientSampleId :

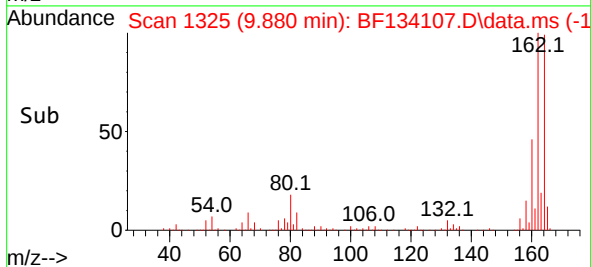
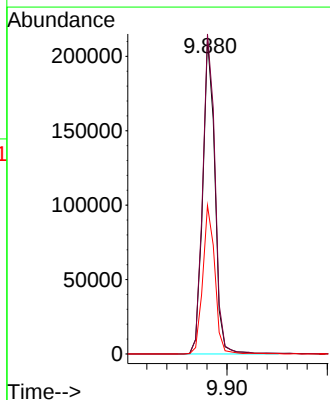
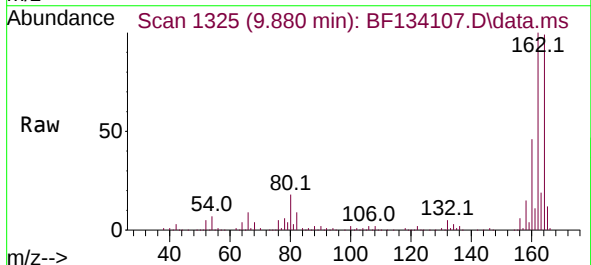


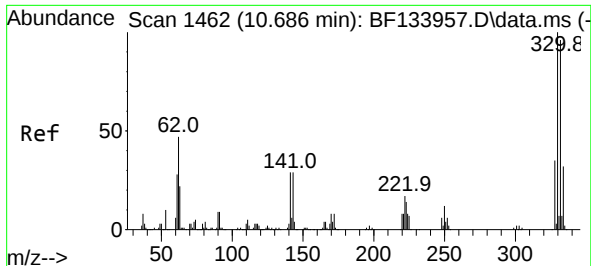
Tgt Ion: 82 Resp: 446386
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

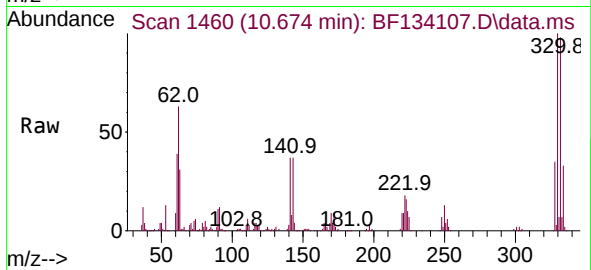
Tgt Ion:164 Resp: 178791
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 47.1 35.9 53.9



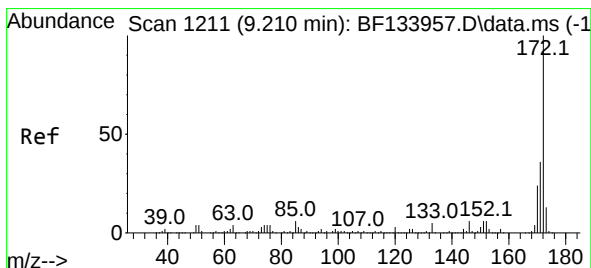
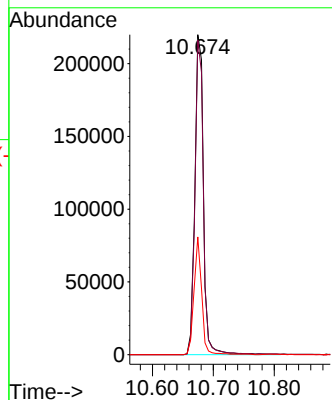
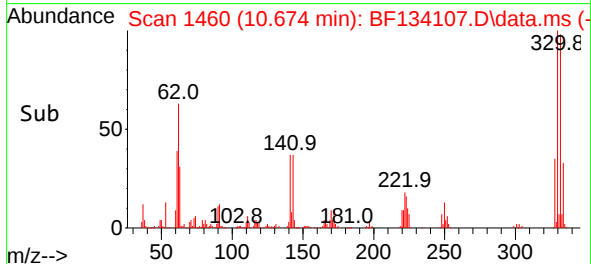


#42
2,4,6-Tribromophenol
Concen: 95.762 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

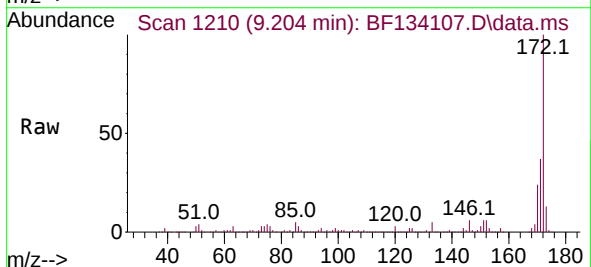
Instrument :
BNA_F
ClientSampleId :



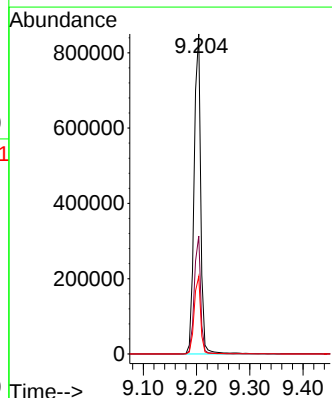
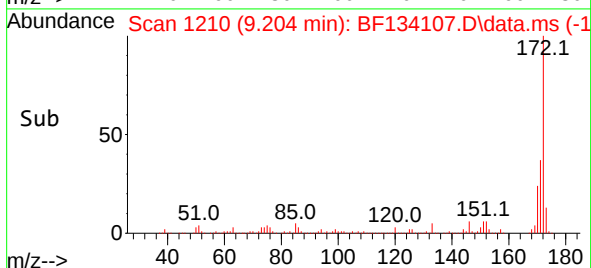
Tgt Ion: 330 Resp: 214668
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.1 26.3 39.5

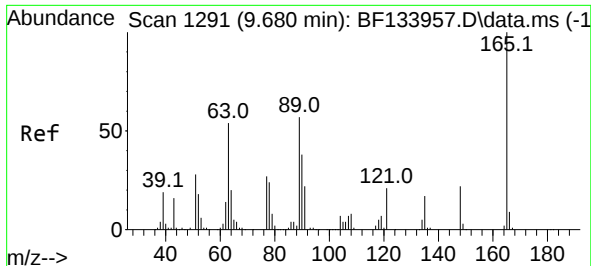


#45
2-Fluorobiphenyl
Concen: 59.896 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41



Tgt Ion: 172 Resp: 736568
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.2 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.240 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :

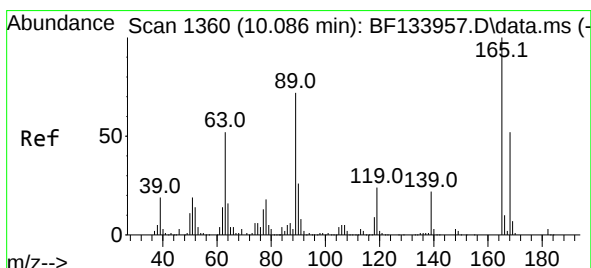
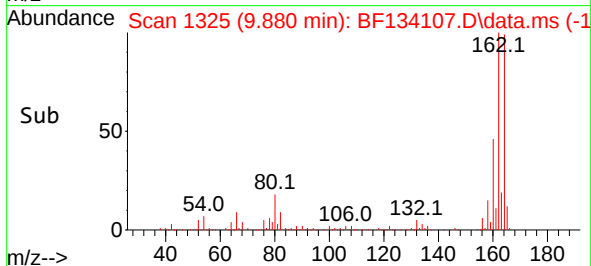
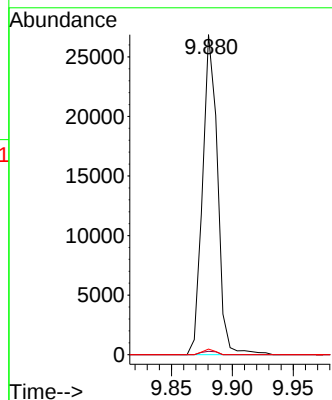
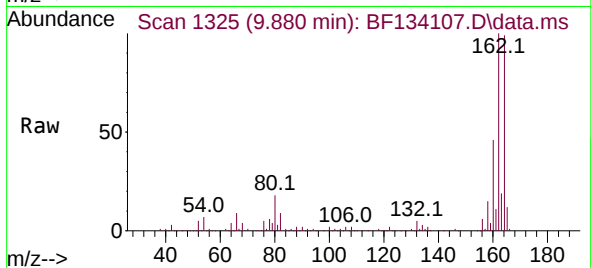
Tgt Ion:165 Resp: 23034

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.8 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.240 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Tgt Ion:165 Resp: 23034

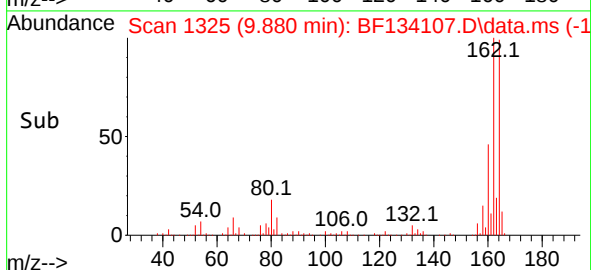
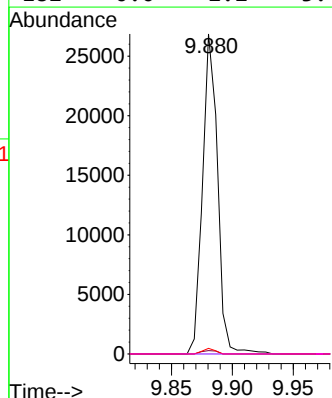
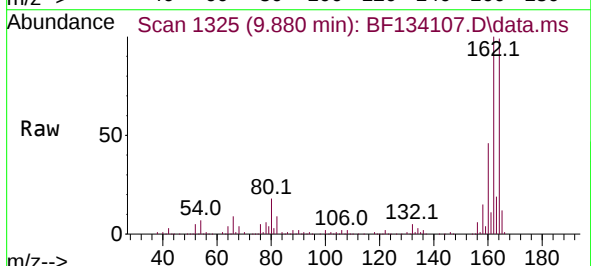
Ion Ratio Lower Upper

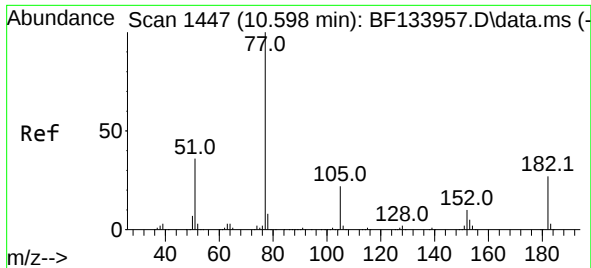
165 100

63 1.0 42.2 63.2#

89 1.8 57.4 86.2#

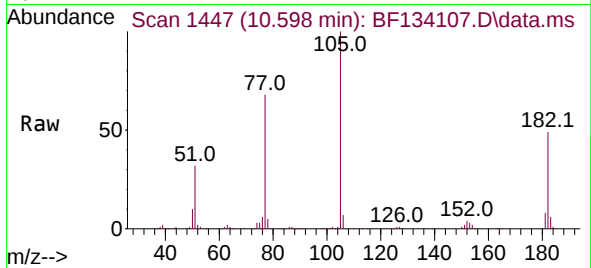
182 0.0 2.2 3.4#



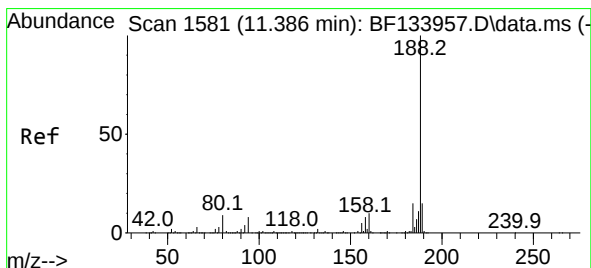
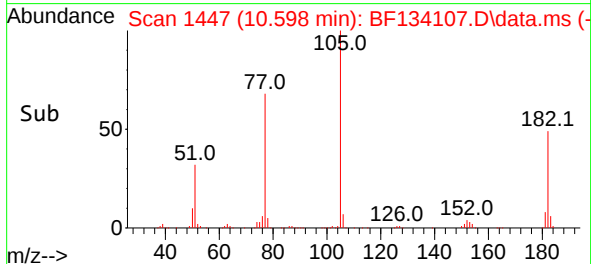
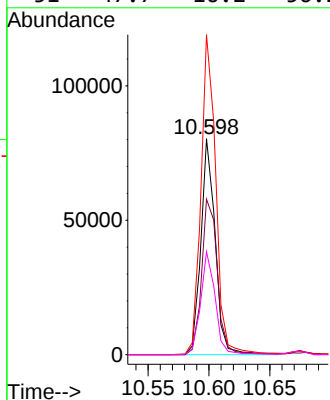


#63
Azobenzene
Concen: 5.186 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Instrument :
BNA_F
ClientSampleId :

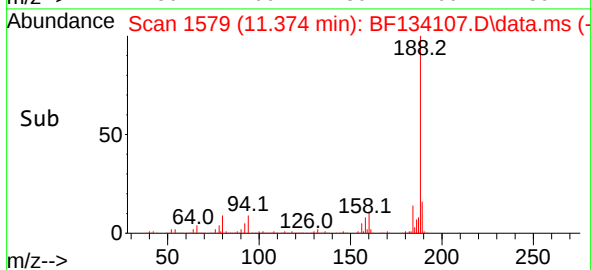
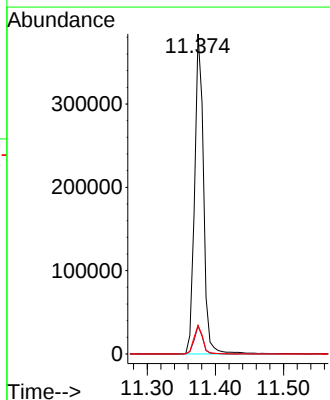
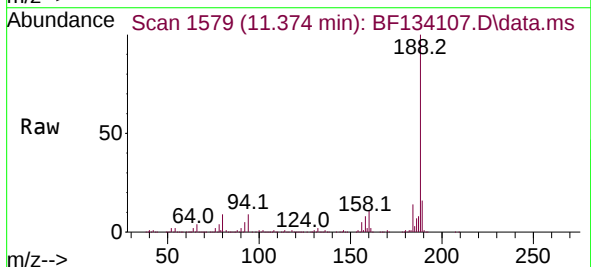


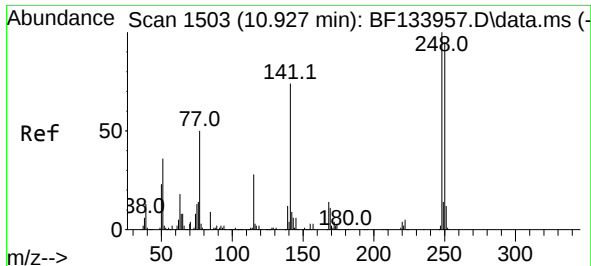
Tgt Ion: 77 Resp: 66333
Ion Ratio Lower Upper
77 100
182 72.0 6.8 46.8#
105 148.1 2.3 42.3#
51 47.7 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Tgt Ion: 188 Resp: 348833
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.0 7.3 10.9

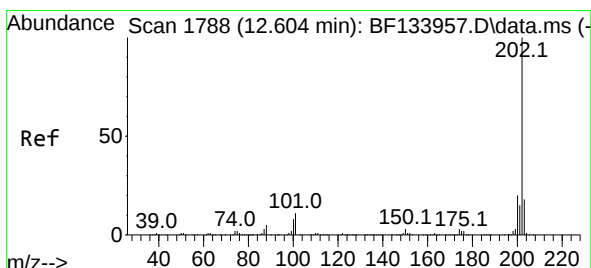
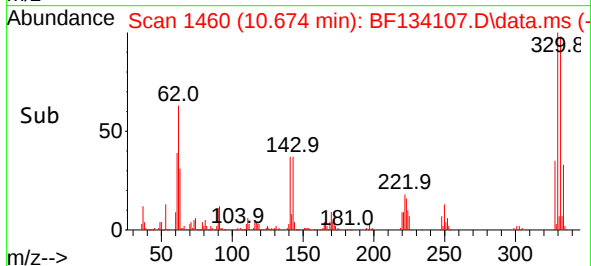
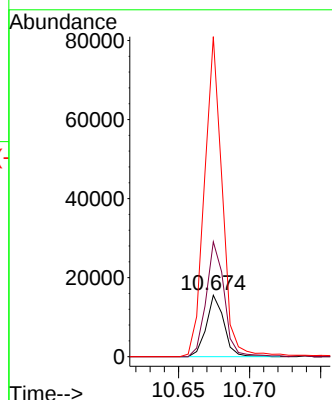
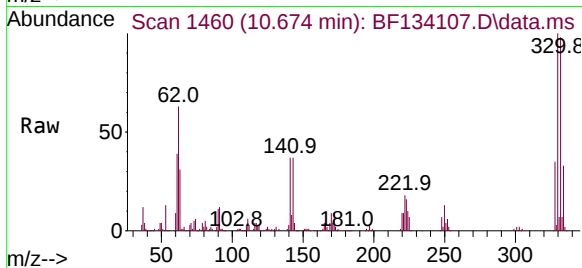




#67
4-Bromophenyl-phenylether
Concen: 3.617 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

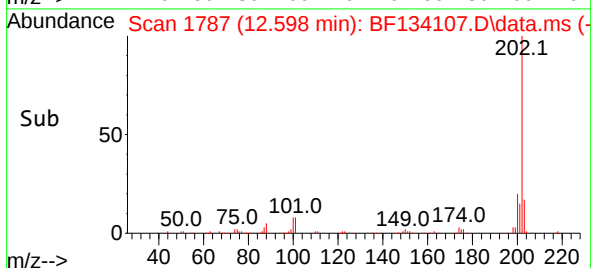
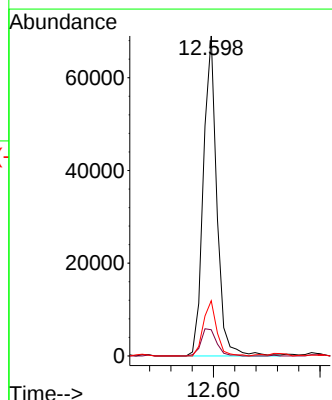
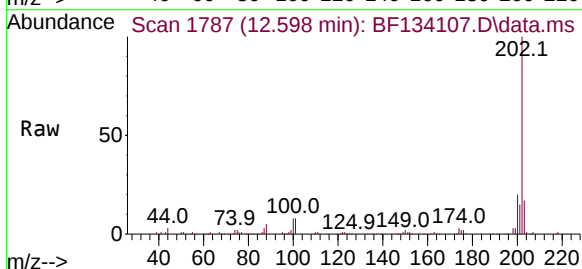
Instrument :
BNA_F
ClientSampleId :

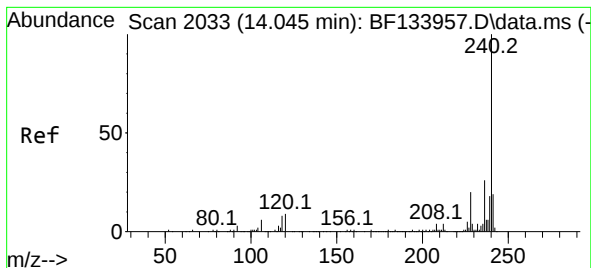
Tgt Ion:248 Resp: 13409
Ion Ratio Lower Upper
248 100
250 186.9 76.2 114.4#
141 520.6 59.0 88.4#



#75
Fluoranthene
Concen: 3.212 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Tgt Ion:202 Resp: 60982
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.0
203 17.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.018 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :

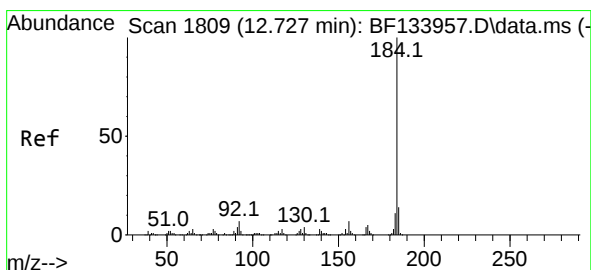
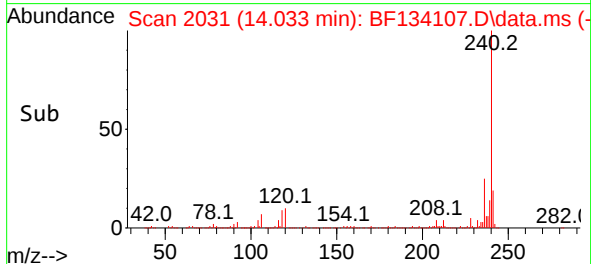
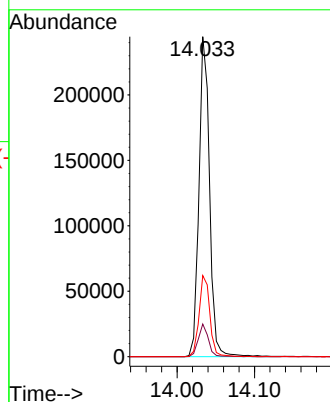
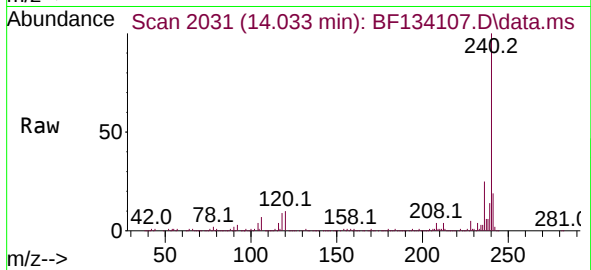
Tgt Ion:240 Resp: 231511

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

236 25.4 21.0 31.6



#77

Benzdine

Concen: 2.146 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

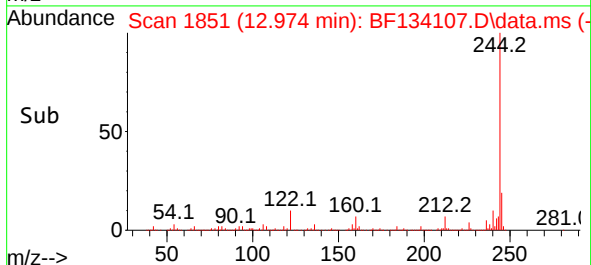
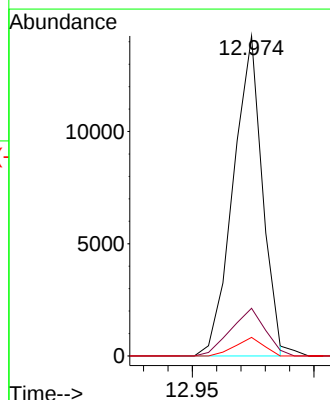
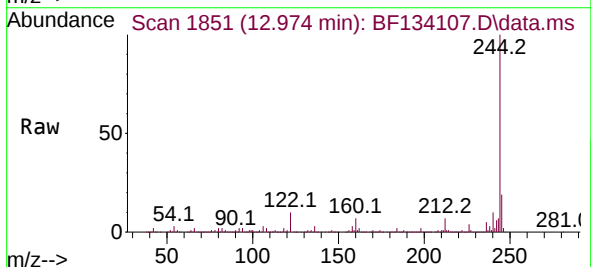
Tgt Ion:184 Resp: 11819

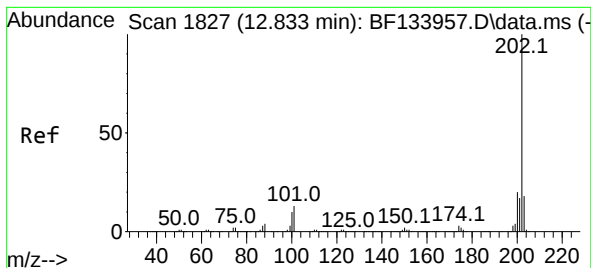
Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 5.8 8.8 13.2#





#78

Pyrene

Concen: 2.446 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :

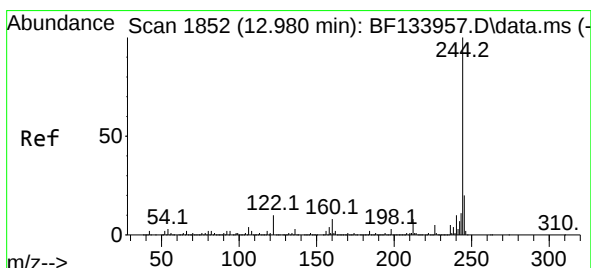
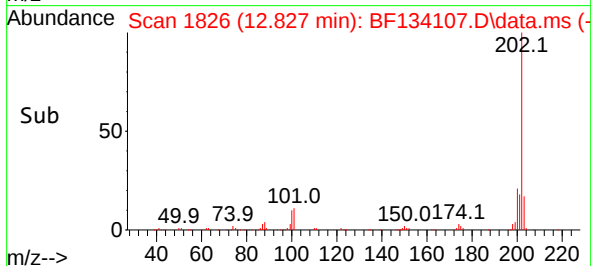
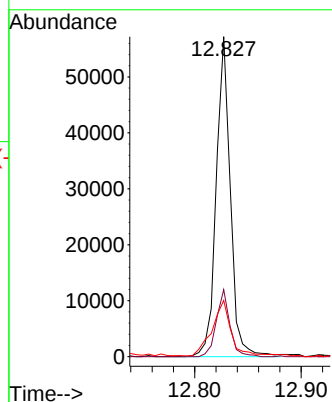
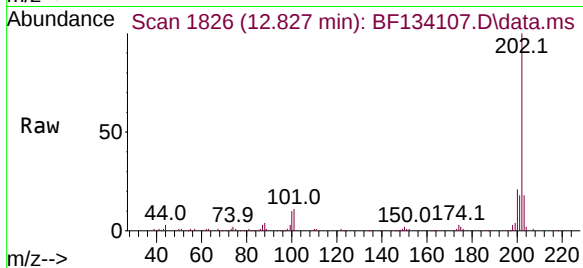
Tgt Ion:202 Resp: 52710

Ion Ratio Lower Upper

202 100

200 21.0 16.1 24.1

203 17.6 14.3 21.5



#79

Terphenyl-d14

Concen: 55.958 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

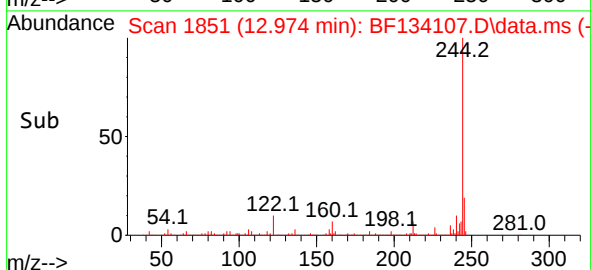
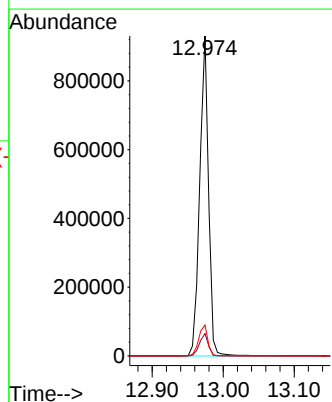
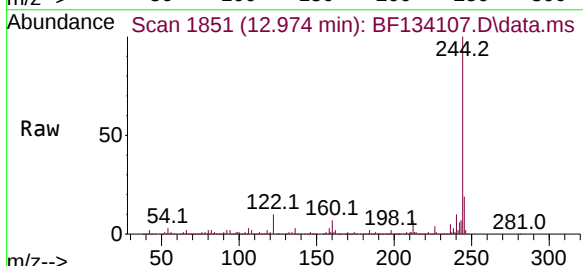
Tgt Ion:244 Resp: 804945

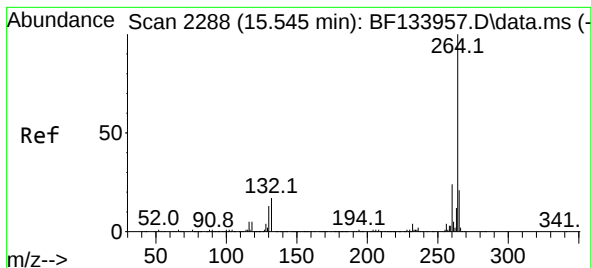
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :

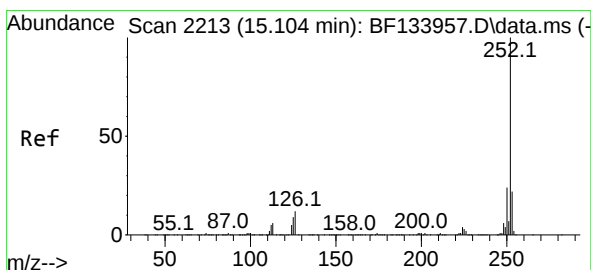
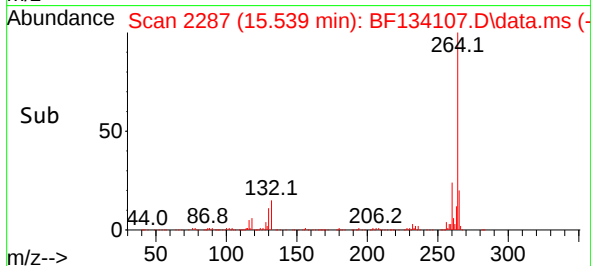
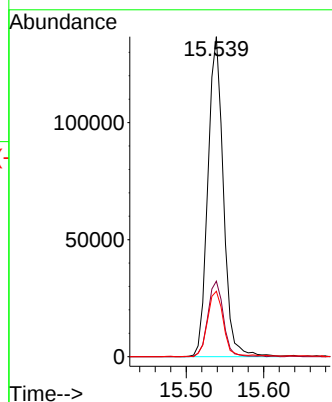
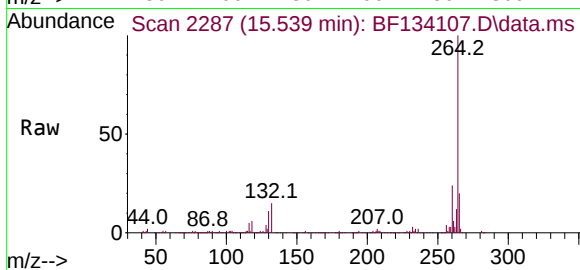
Tgt Ion:264 Resp: 189717

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.4 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 2.737 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

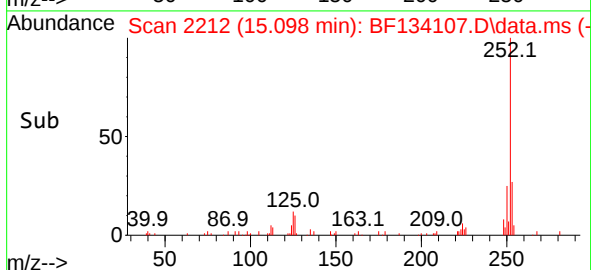
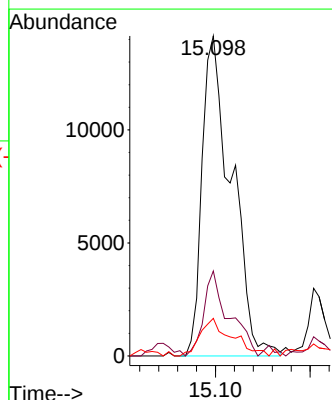
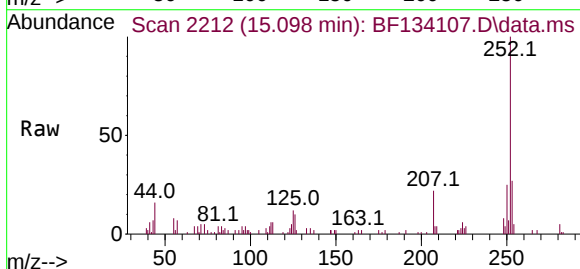
Tgt Ion:252 Resp: 30536

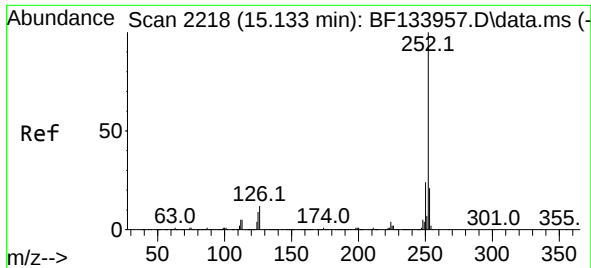
Ion Ratio Lower Upper

252 100

253 26.5 17.4 26.0#

125 11.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.688 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.041 min

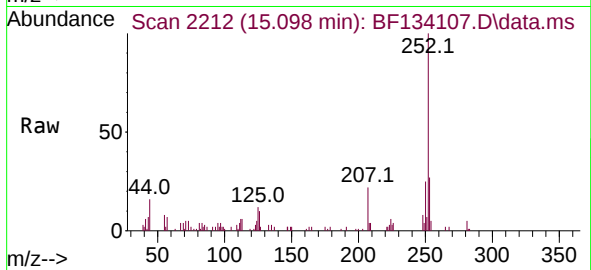
Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 30536

Ion Ratio Lower Upper

252 100

253 26.5 16.9 25.3#

125 11.8 7.4 11.2#

