

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133007.D
 Acq On : 24 Apr 2023 21:23
 Operator : CG\JU
 Sample : 02464-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-91

Quant Time: Apr 25 02:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

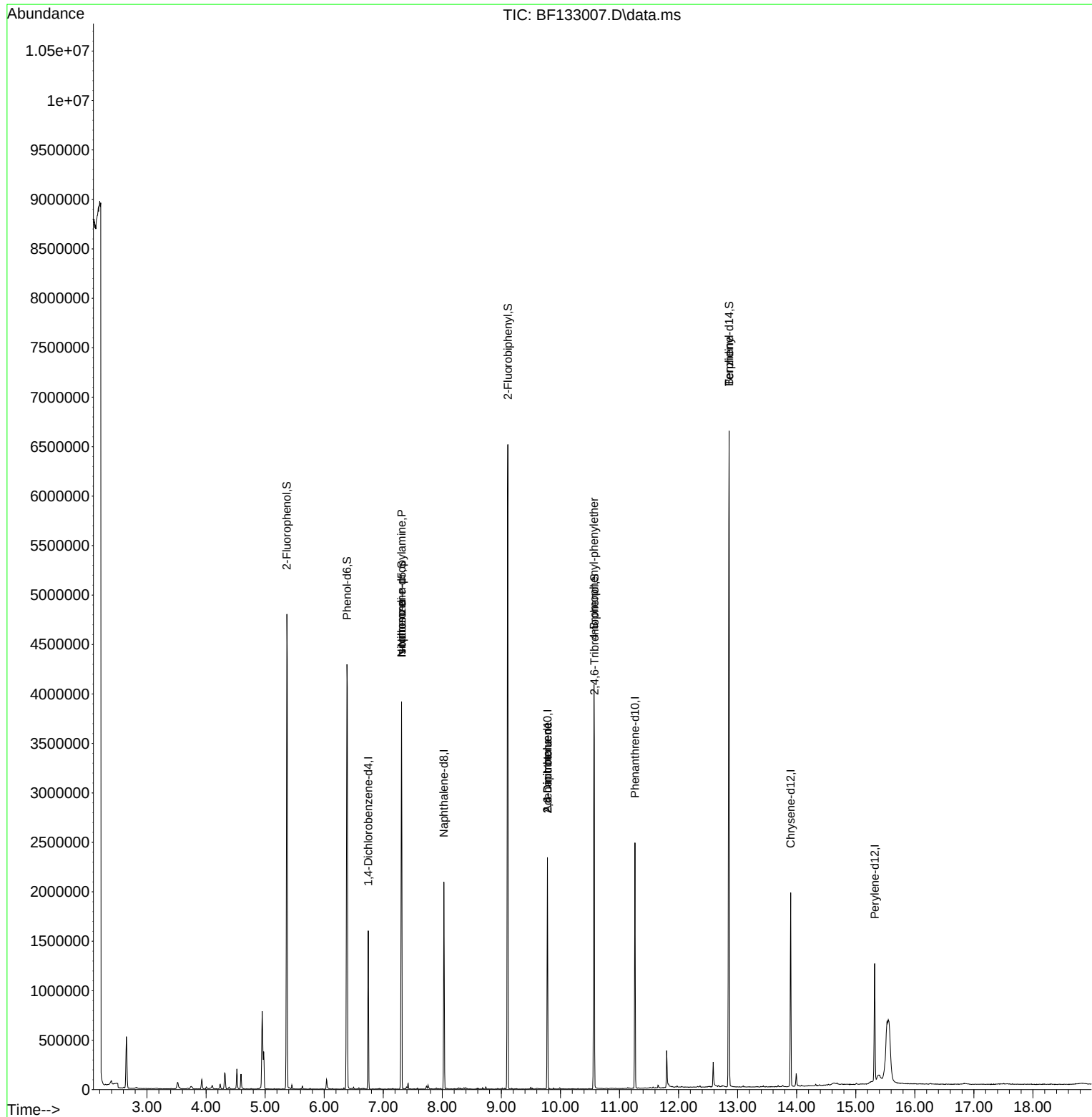
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	201293	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	807715	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	414240	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	769131	20.000	ng	0.00
76) Chrysene-d12	13.898	240	566858	20.000	ng	-0.01
86) Perylene-d12	15.321	264	459593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1521783	114.203	ng	0.02
7) Phenol-d6	6.387	99	1724798	104.284	ng	0.00
23) Nitrobenzene-d5	7.310	82	1246865	83.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	561880	134.874	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2043600	82.535	ng	0.00
79) Terphenyl-d14	12.857	244	2660313	80.940	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.287	77	148	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.310	70	164991	16.024	ng	# 77
25) Isophorone	7.310	82	1245919	43.852	ng	# 63
51) 2,6-Dinitrotoluene	9.780	165	53352	8.207	ng	# 24
57) 2,4-Dinitrotoluene	9.780	165	53352	6.435	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	34406	4.125	ng	# 1
77) Benizidine	12.857	184	31178	3.252	ng	# 90

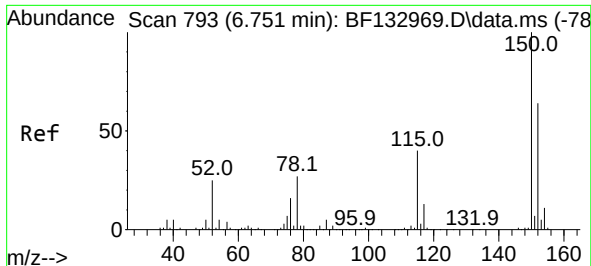
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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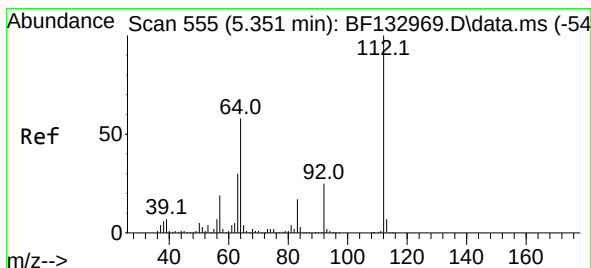
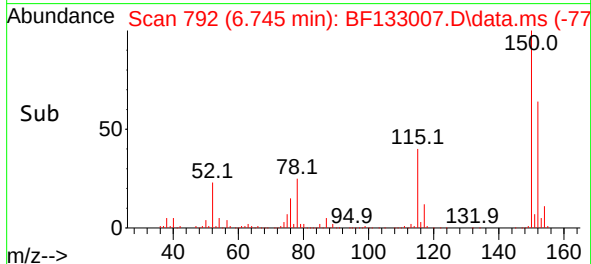
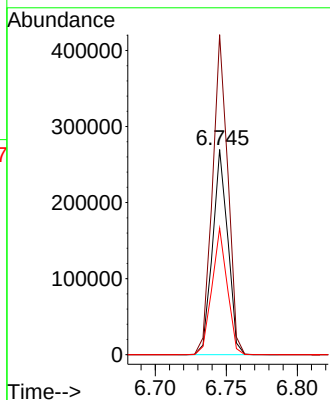
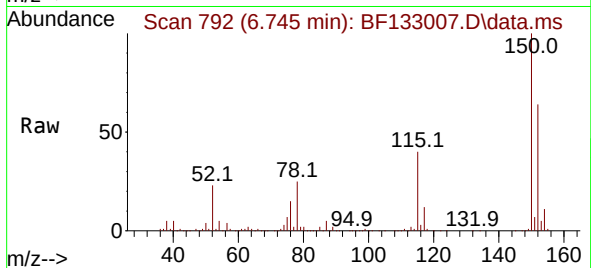




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133007.D
 Acq: 24 Apr 2023 21:23

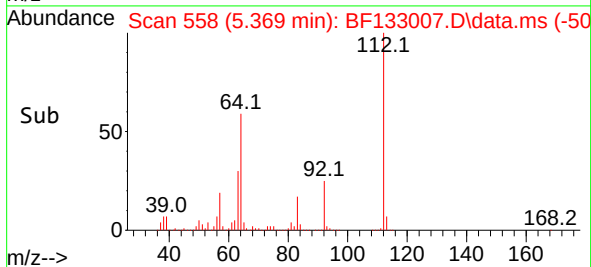
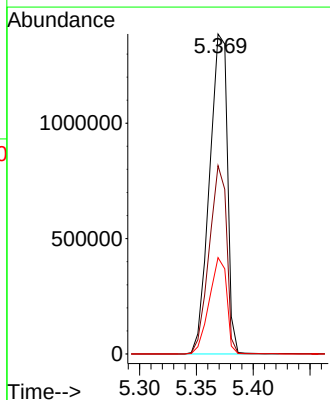
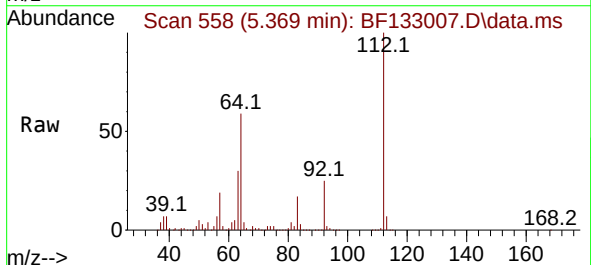
Instrument :
 BNA_F
 ClientSampleId :
 MH-91

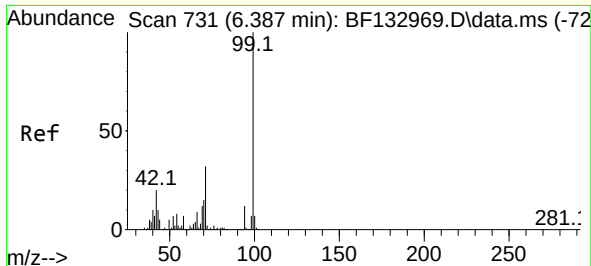
Tgt Ion:152 Resp: 201293
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.8 187.2
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.203 ng
 RT: 5.369 min Scan# 558
 Delta R.T. 0.018 min
 Lab File: BF133007.D
 Acq: 24 Apr 2023 21:23

Tgt Ion:112 Resp: 1521783
 Ion Ratio Lower Upper
 112 100
 64 58.8 46.8 70.2
 63 30.1 23.8 35.8

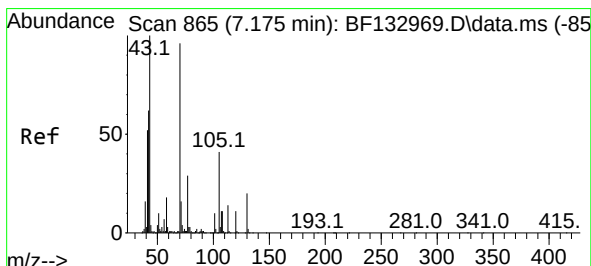
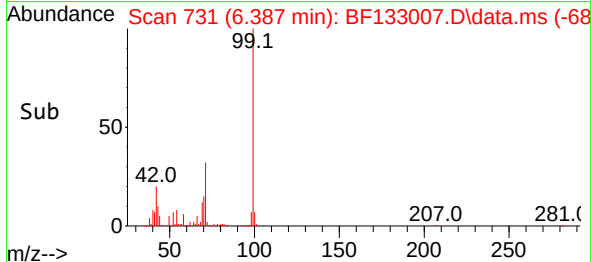
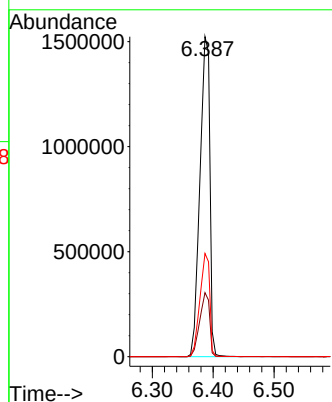
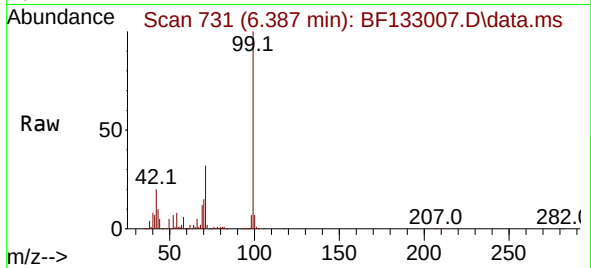




#7
Phenol-d6
Concen: 104.284 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

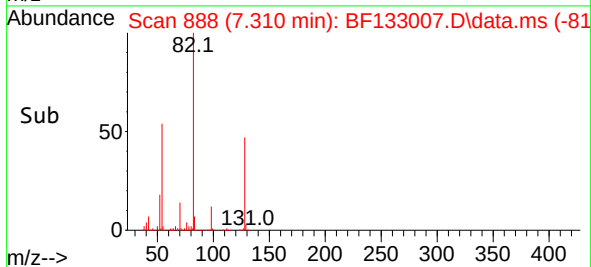
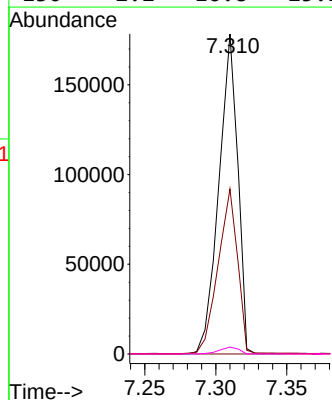
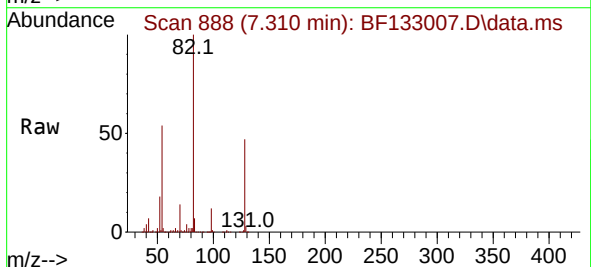
Instrument :
BNA_F
ClientSampleId :
MH-91

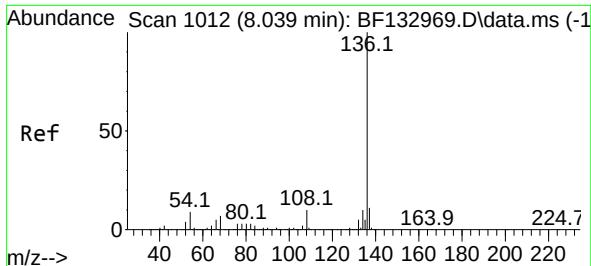
Tgt Ion: 99 Resp: 1724798
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.024 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion: 70 Resp: 164991
Ion Ratio Lower Upper
70 100
42 51.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



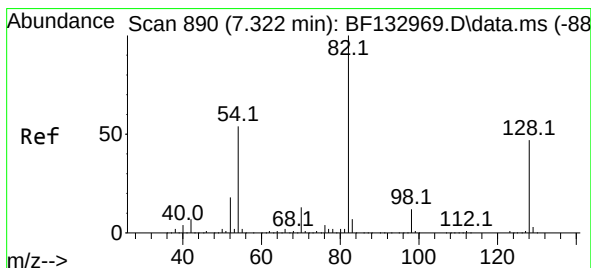
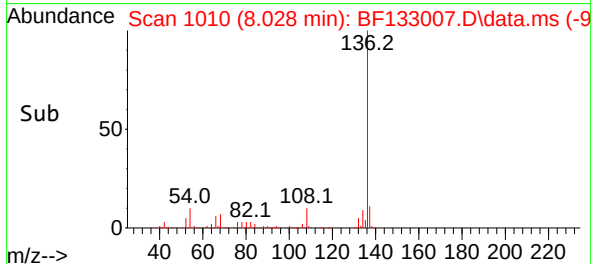
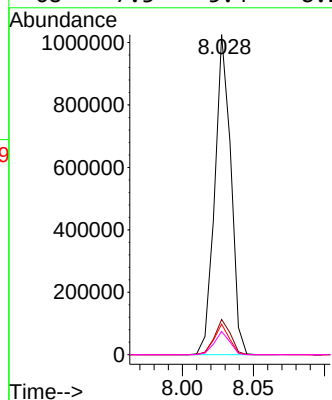
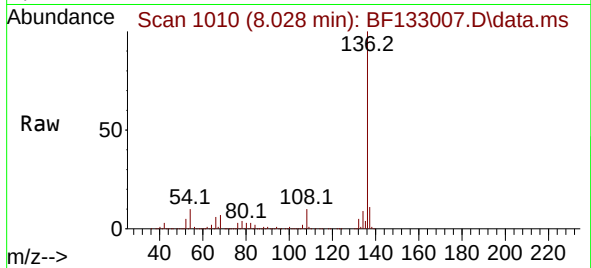


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Instrument :
BNA_F
ClientSampleId :
MH-91

Tgt Ion:136 Resp: 807715

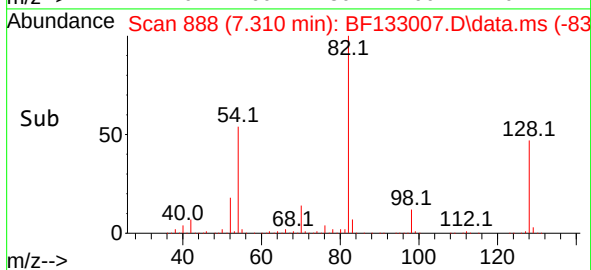
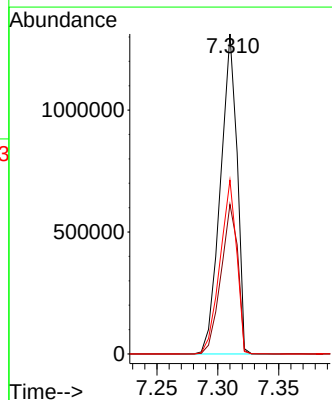
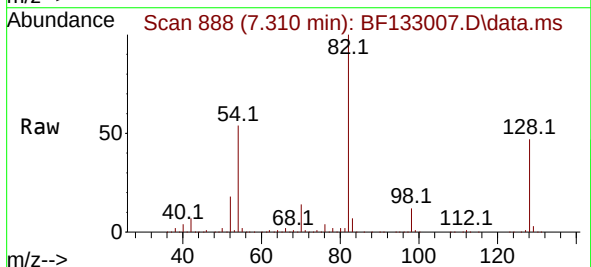
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.0	10.4
68	7.3	5.4	8.2

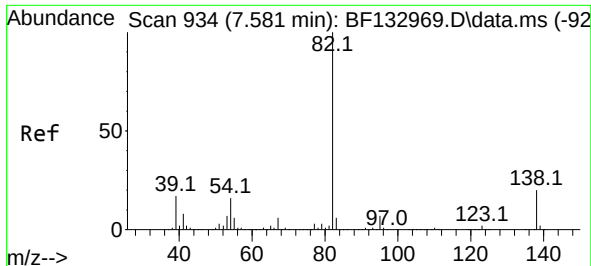


#23
Nitrobenzene-d5
Concen: 83.324 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion: 82 Resp: 1246865

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	54.4	43.0	64.4

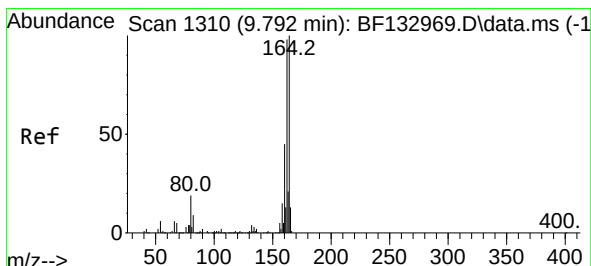
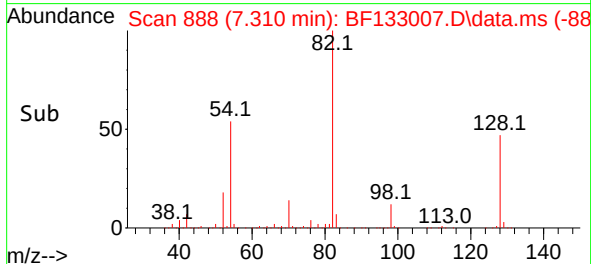
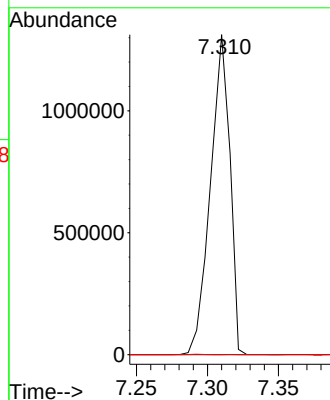
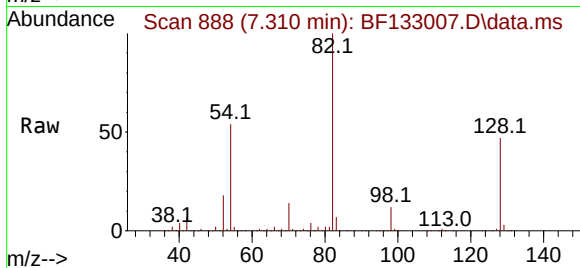




#25
Isophorone
Concen: 43.852 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

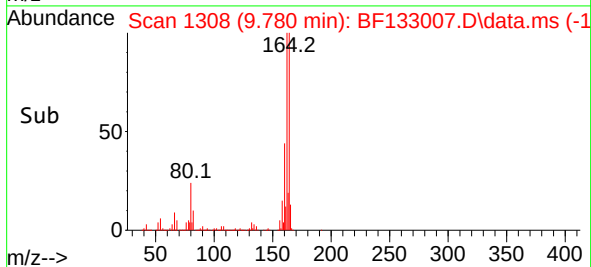
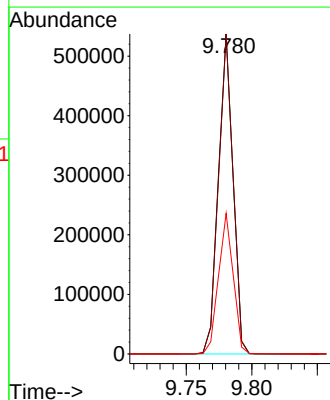
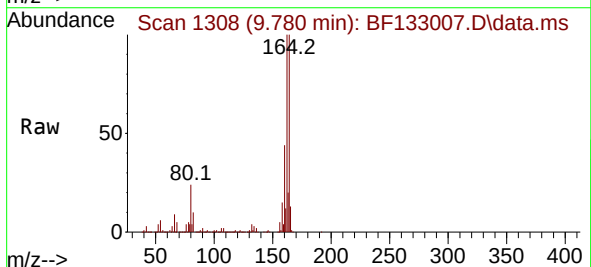
Instrument :
BNA_F
ClientSampleId :
MH-91

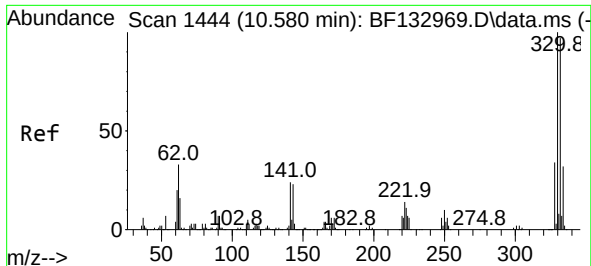
Tgt Ion: 82 Resp: 1245919
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion:164 Resp: 414240
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 134.874 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

BNA_F

ClientSampleId :

MH-91

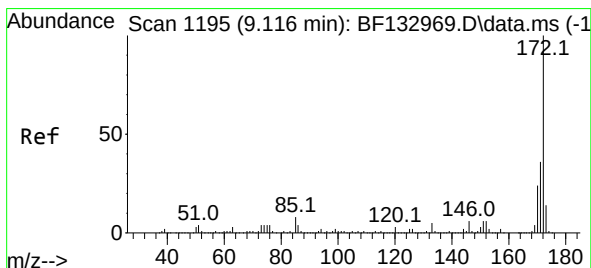
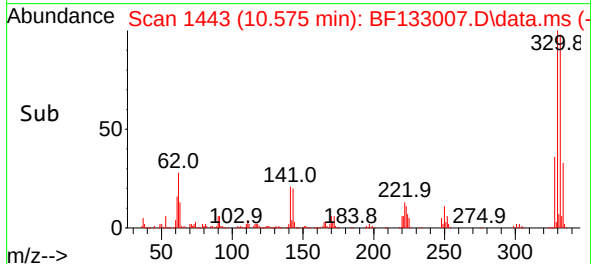
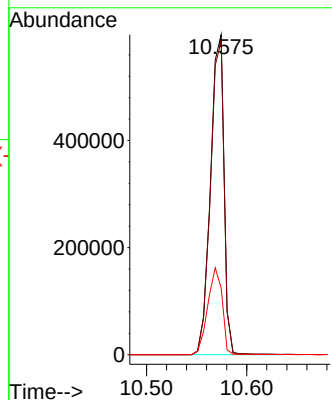
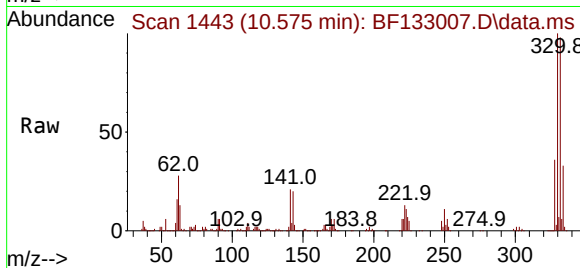
Tgt Ion:330 Resp: 561880

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 29.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 82.535 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

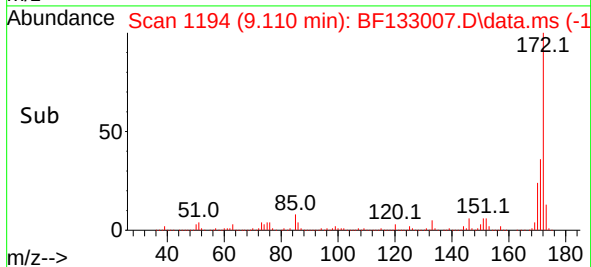
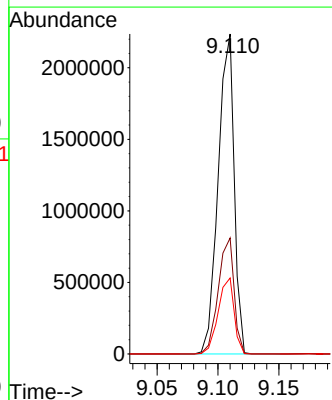
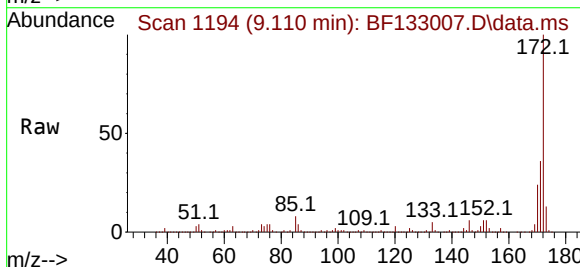
Tgt Ion:172 Resp: 2043600

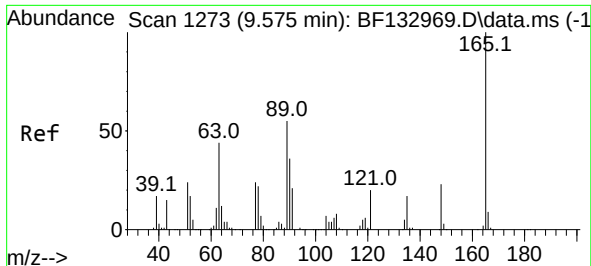
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.8 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.207 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

BNA_F

ClientSampleId :

MH-91

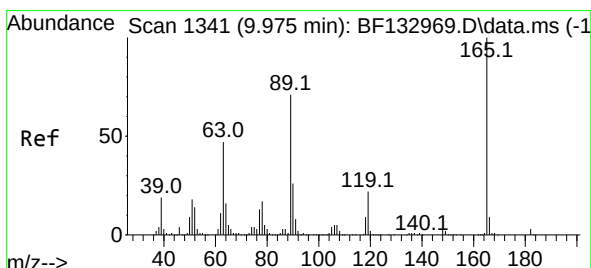
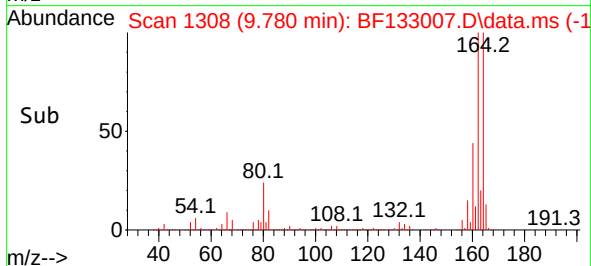
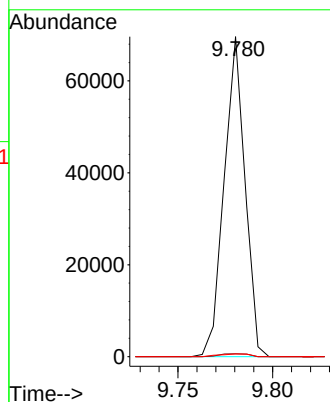
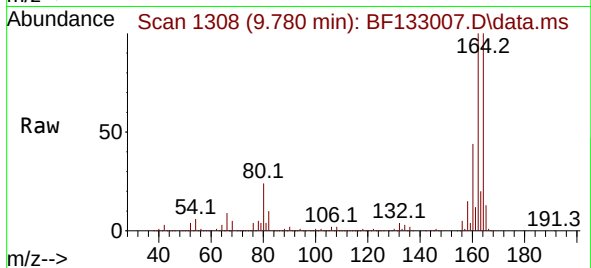
Tgt Ion:165 Resp: 53352

Ion Ratio Lower Upper

165 100

63 0.9 45.9 68.9#

89 0.9 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.435 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Tgt Ion:165 Resp: 53352

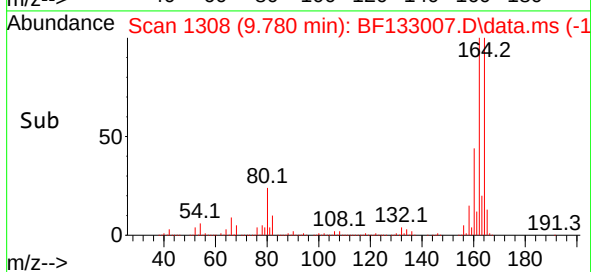
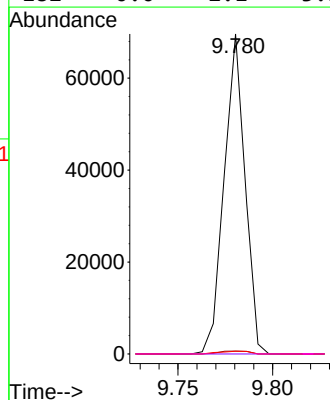
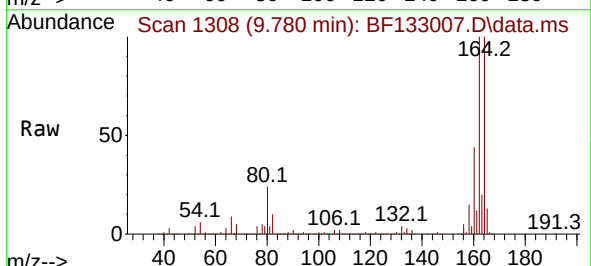
Ion Ratio Lower Upper

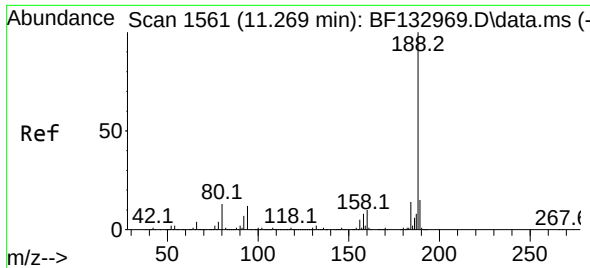
165 100

63 0.9 37.7 56.5#

89 0.9 57.0 85.4#

182 0.0 2.1 3.1#

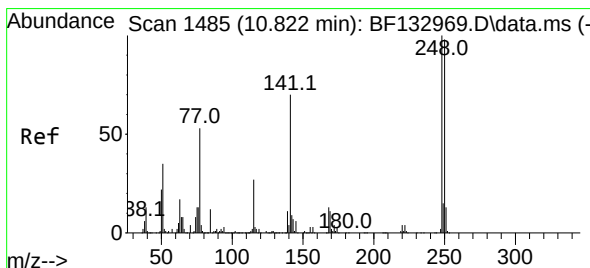
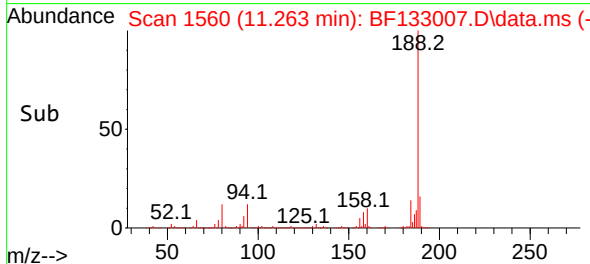
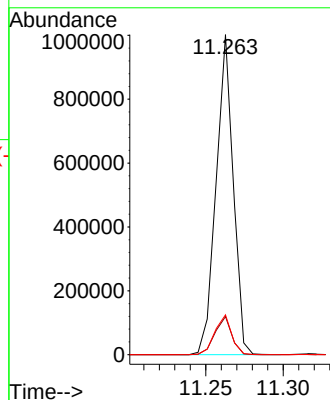
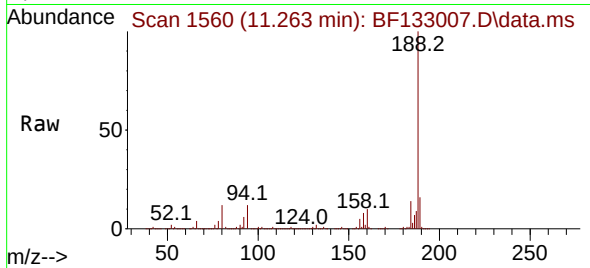




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

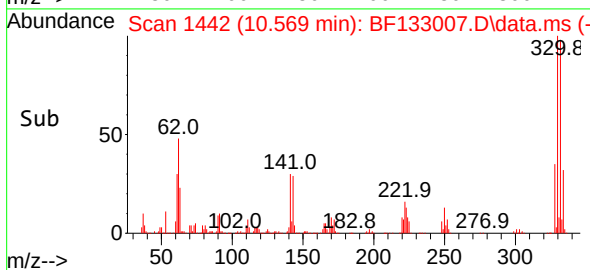
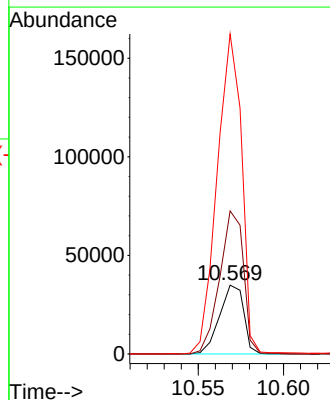
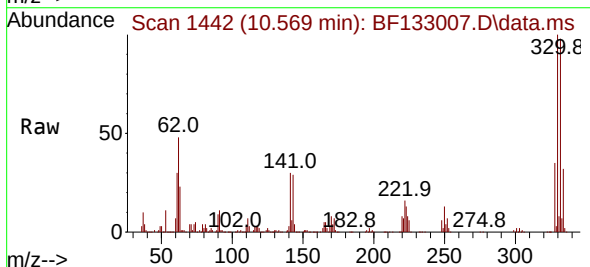
Instrument :
BNA_F
ClientSampleId :
MH-91

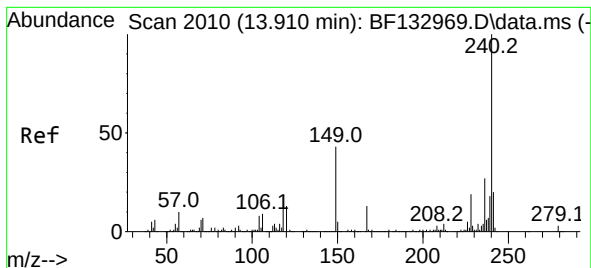
Tgt Ion:188 Resp: 769131
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.4 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 4.125 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion:248 Resp: 34406
Ion Ratio Lower Upper
248 100
250 207.7 78.7 118.1#
141 464.8 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

BNA_F

ClientSampleId :

MH-91

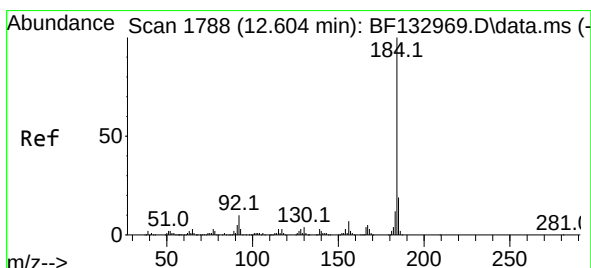
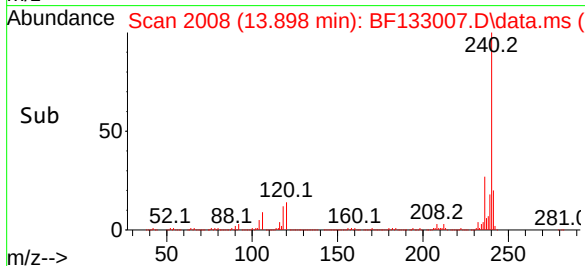
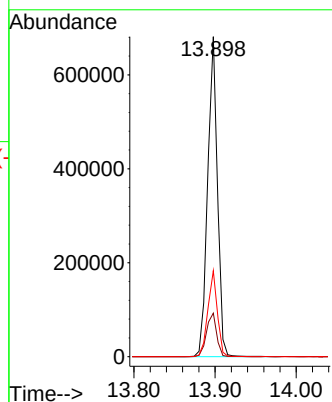
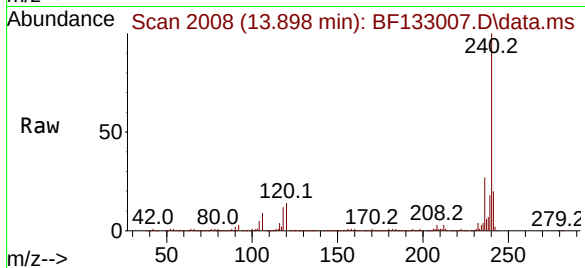
Tgt Ion:240 Resp: 566858

Ion Ratio Lower Upper

240 100

120 13.6 10.5 15.7

236 26.9 21.5 32.3



#77

Benzidine

Concen: 3.252 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

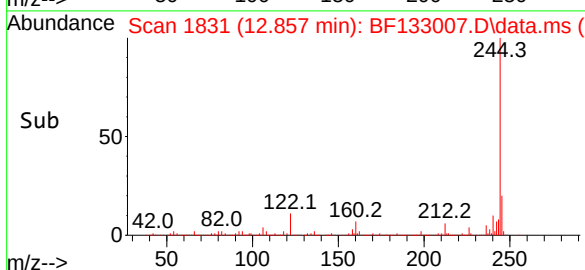
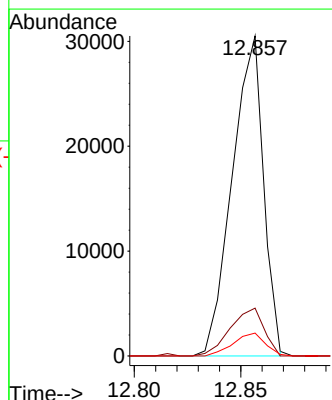
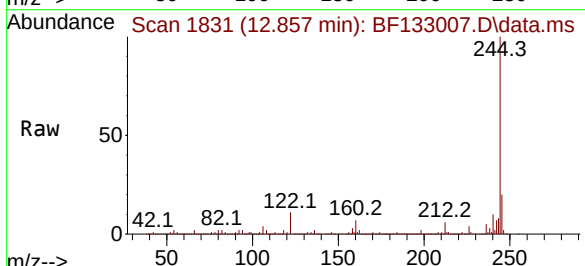
Tgt Ion:184 Resp: 31178

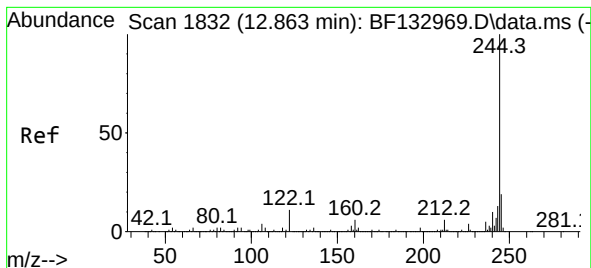
Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2#

183 7.2 9.4 14.0#





#79

Terphenyl-d14

Concen: 80.940 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

BNA_F

ClientSampleId :

MH-91

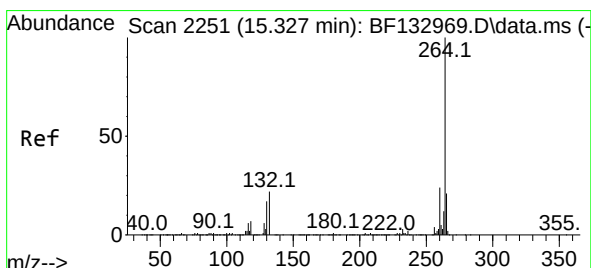
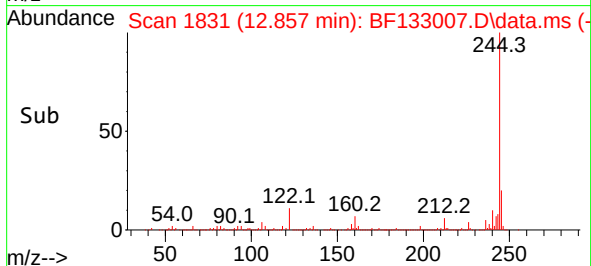
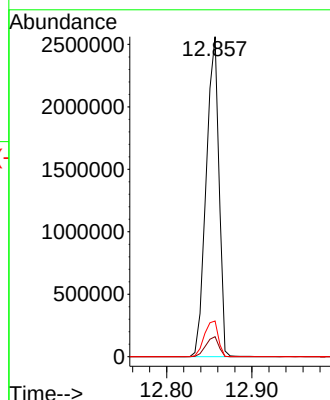
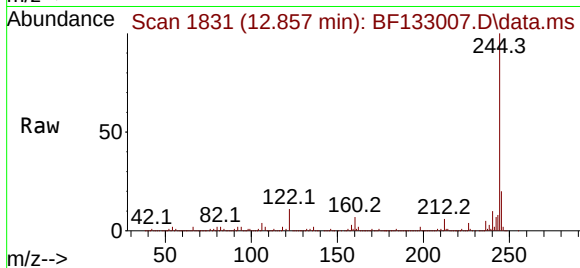
Tgt Ion:244 Resp: 2660313

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Tgt Ion:264 Resp: 459593

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.0 25.4

